


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Elmer 1-7-3-1WH								
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT								
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME								
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825								
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcozler@newfield.com								
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Patented			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>								
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Matthew Charles Yergensen, et al, Michael P. Yergensen Trust						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-722-0210								
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P.O. Box 51, Roosevelt, UT 84066						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')								
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>								
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN		
LOCATION AT SURFACE		718 FNL 299 FEL		NENE				3.0 S		1.0 W		U		
Top of Uppermost Producing Zone		660 FNL 660 FEL		NENE		7		3.0 S		1.0 W		U		
At Total Depth		660 FSL 660 FEL		SSE		7		3.0 S		1.0 W		U		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 99			23. NUMBER OF ACRES IN DRILLING UNIT 40								
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Approved For Drilling or Completed) 2250			26. PROPOSED DEPTH MD: 12831 TVD: 8770								
27. ELEVATION - GROUND LEVEL 5234			28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478								
Hole, Casing, and Cement Information														
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight				
COND	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8				
SURF	12.25	9.625	0 - 2500	36.0	J-55 LT&C	8.3	Premium Lite High Strength	204	3.53	11.0				
							Class G	154	1.17	15.8				
I1	8.75	7	0 - 9362	26.0	P-110 Other	10.5	Premium Lite High Strength	283	3.53	11.0				
							50/50 Poz	361	1.24	14.3				
L1	6.125	4.5	8363 - 12831	13.5	P-110 Other	10.5	No Used	0	0.0	0.0				
ATTACHMENTS														
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES														
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN								
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP								
NAME Don Hamilton				TITLE Permitting Agent				PHONE 435 719-2018						
SIGNATURE				DATE 05/02/2012				EMAIL starpoint@etv.net						
API NUMBER ASSIGNED 43013514000000				APPROVAL  Permit Manager										

Newfield Production Company

Elmer 1-7-3-1WH

Surface Hole Location: 718' FNL, 299' FEL, Section 7, T3S, R1W

Bottom Hole Location: 660' FSL, 660' FEL, Section 7, T3S, R1W

Duchesne County, UT

Drilling Program**1. Formation Tops**

Uinta	surface		
Green River	3,862'		
Garden Gulch member	6,771'		
Uteland Butte	9,000'		
Lateral TD	8,770'	TVD /	12,831' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	100'	(water)
Green River	6,771' - 8,770'	(oil)

3. Pressure Control

<u>Section</u>	<u>BOP Description</u>
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	LTC	8.33	8.33	12	3,520	2,020	453,000
Intermediate 7	0'	8,974' 9,362'	26	P-110	BTC	10	10.5	15	9,960	6,210	830,000
Production 4 1/2	8,363'	8,770' 12,831'	13.5	P-110	BTC	10	10.5	--	12,410	10,670	422,000
									3.37	2.73	7.00

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Intermediate casing MASP = (reservoir pressure) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41	15%	15.8	1.17
				35			
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	720	15%	11.0	3.53
				204			
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180	15%	15.8	1.17
				154			
Intermediate Lead	8 3/4	5,771'	Premium Lite II w/ 3% KCl + 10% bentonite	908	15%	11.0	3.53
				283			
Intermediate Tail	8 3/4	2,591'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	448	15%	14.3	1.24
				361			
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	--	--	--	--
				--			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

<u>Interval</u>	<u>Description</u>
Surface - 2,500'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.
2,500' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

Anticipated maximum mud weight is 10.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run in the intermediate section from the top of the curve to the base of the surface casing. A compensated neutron/formation density log will be run in the intermediate section from the top of the curve to the top of the Garden Gulch formation. A cement bond log will be run from the top of the curve to the cement top behind the intermediate casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.52 psi/ft gradient.

$$8,770' \times 0.52 \text{ psi/ft} = 4560 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

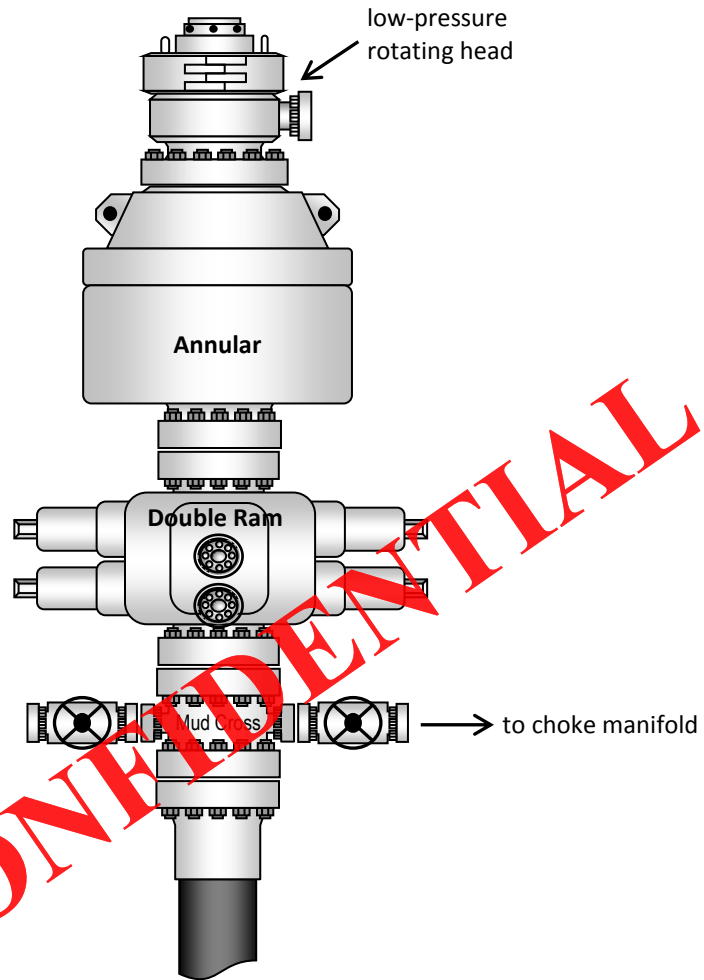
An 8-3/4" vertical hole will be drilled to a kick off point of 8,413' . Directional tools will then be used to build to 93.35 degrees inclination. The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat. A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:

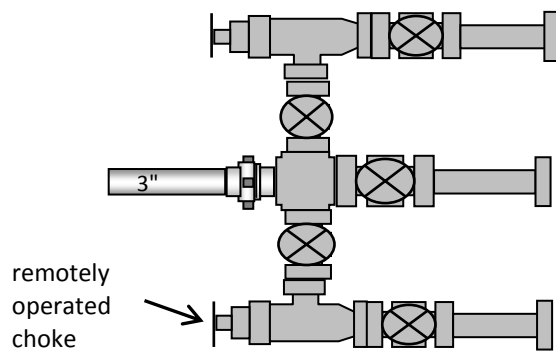
- Variance from Onshoer Order #2, III.E.1
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

Typical 5M BOP stack configuration



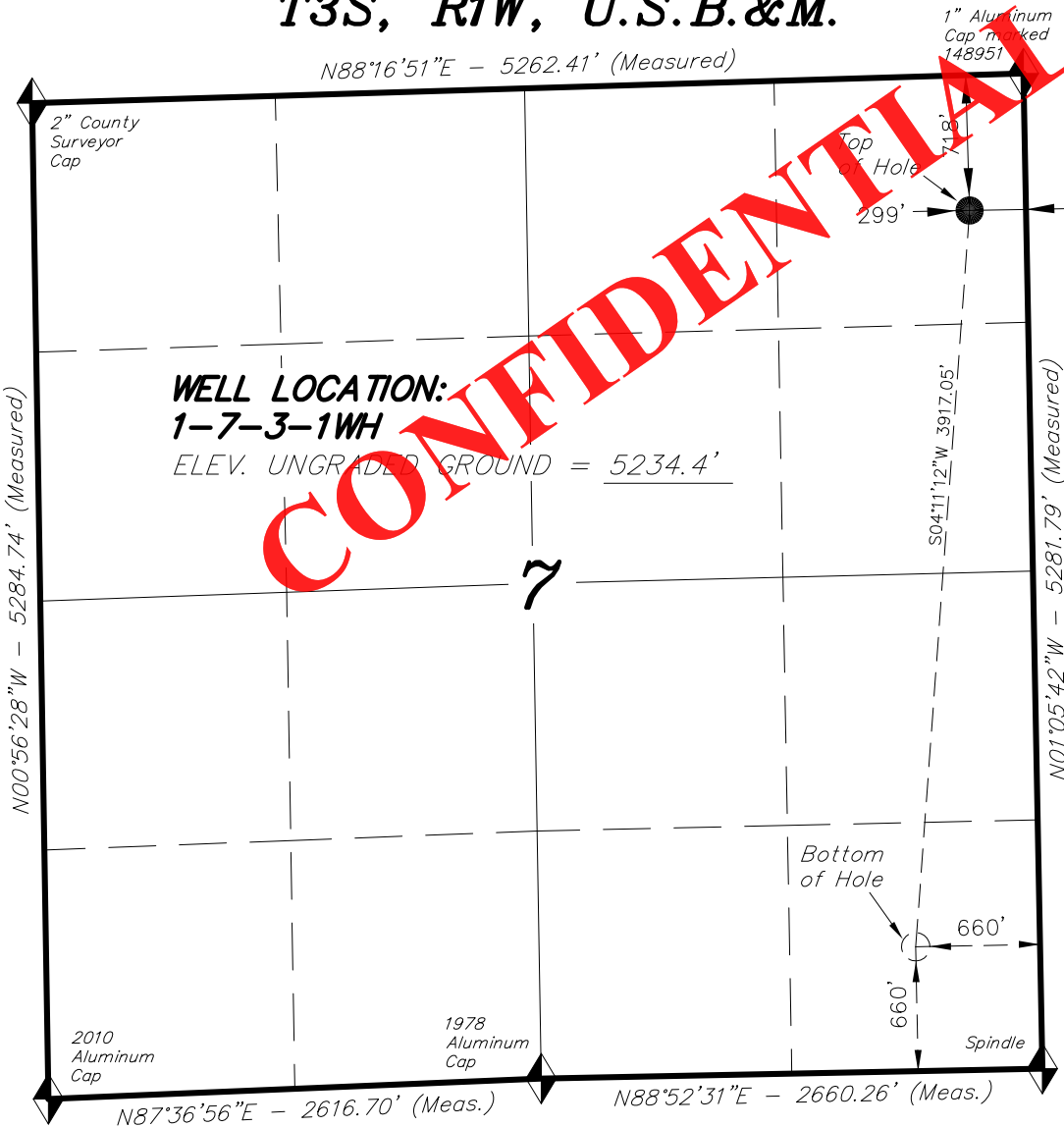
CONFIDENTIAL

Typical 5M choke manifold configuration

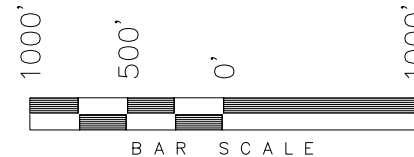


T3S, R1W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY



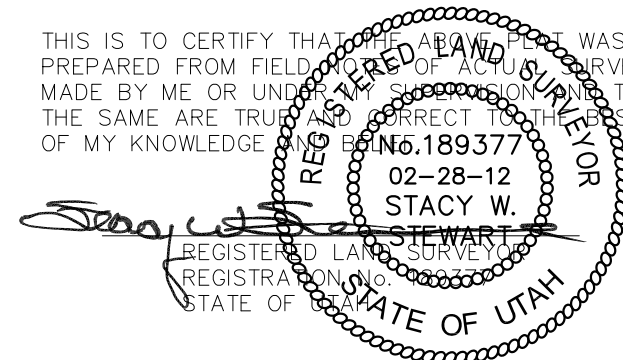
WELL LOCATION, 1-7-3-1WH, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 7, T3S, R1W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Top of Producing Interval bears N82°30'07"W 364.67' from the Top of Hole.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



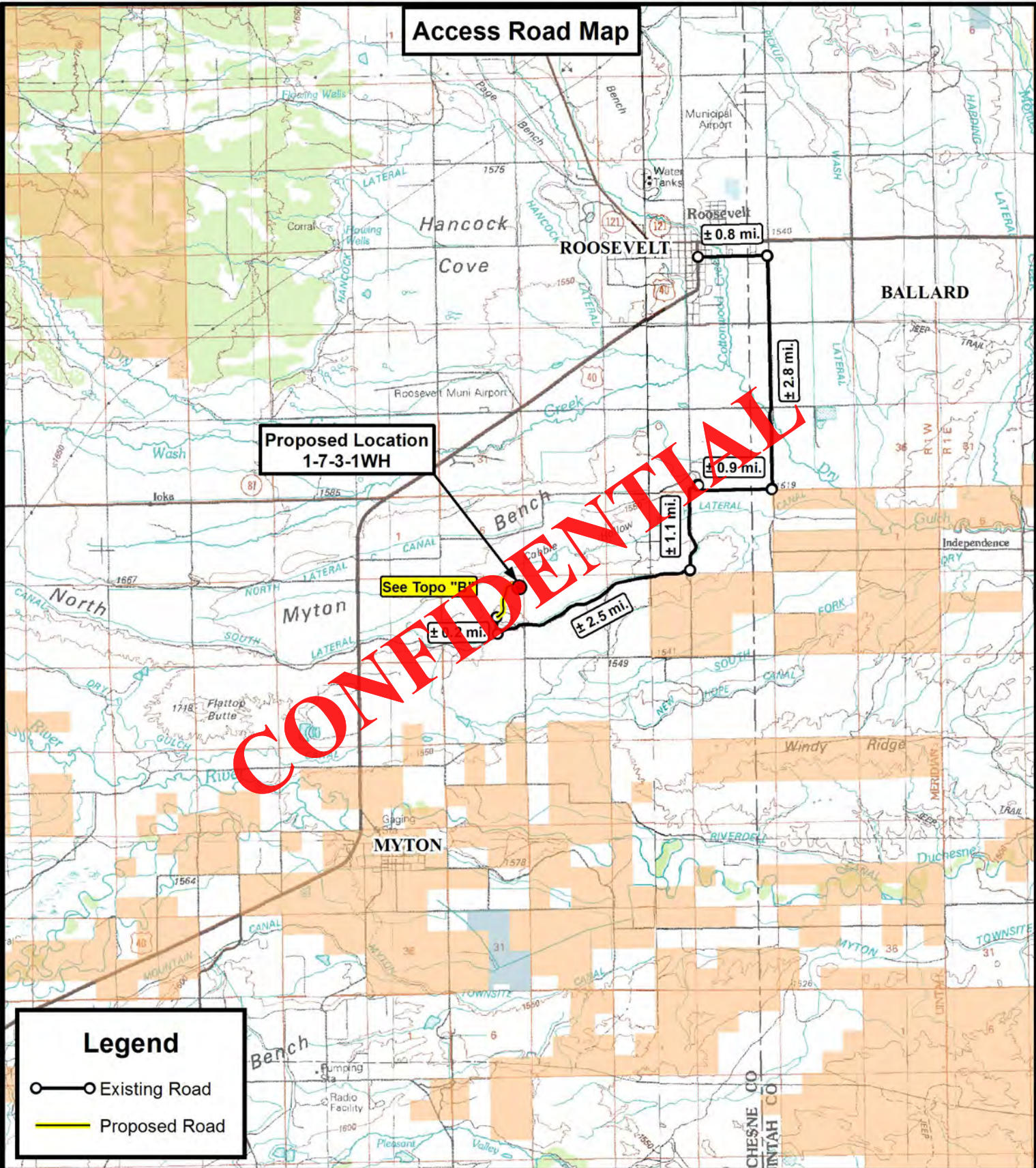
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

1-7-3-1WH
 (Surface Location) NAD 83
 LATITUDE = 40° 14' 32.33"
 LONGITUDE = 110° 01' 50.42"

TRI STATE LAND SURVEYING & CONSULTING		
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501		
DATE SURVEYED: 02-14-12	SURVEYED BY: K.G.S.	VERSION:
DATE DRAWN: 02-21-12	DRAWN BY: R.B.T.	V2
REVISED: 02-28-12 R.B.T.	SCALE: 1" = 1000'	

Access Road Map



**Proposed Location
1-7-3-1WH**

See Topo "B"

Legend

- Existing Road
- Proposed Road

**Tri State
Land Surveying, Inc.**
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

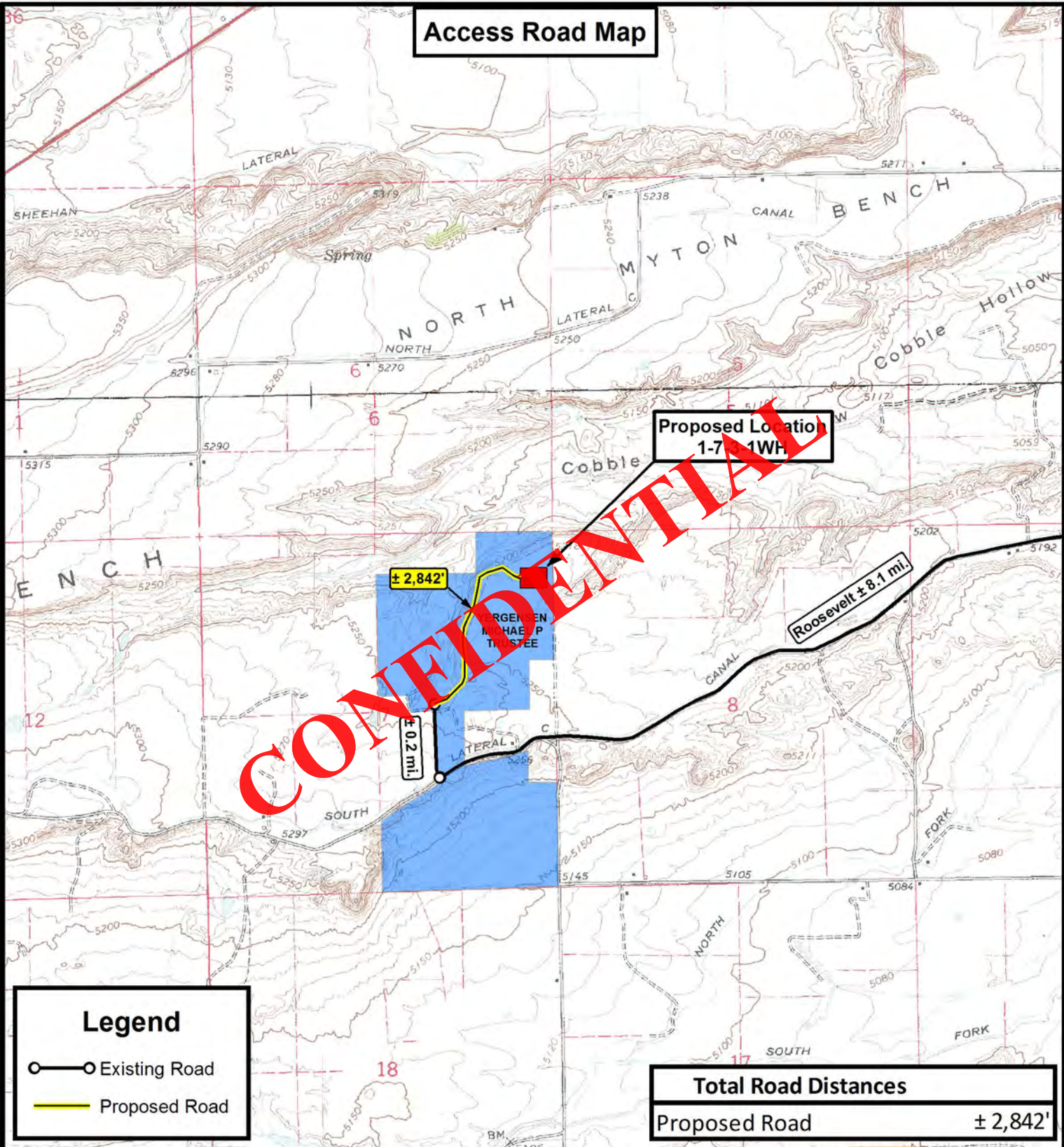
**1-7-3-1WH
SEC. 7, T3S, R1W, U.S.B.&M.
Duchesne County, UT.**

DRAWN BY:	J.A.S.	REVISED:	02-28-12 D.C.R.	VERSION:
DATE:	02-23-2012			V2
SCALE:	1:100,000			

TOPOGRAPHIC MAP

SHEET
A

Access Road Map



Legend

- Existing Road
- Proposed Road

Total Road Distances

Proposed Road ± 2,842'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

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NEWFIELD EXPLORATION COMPANY

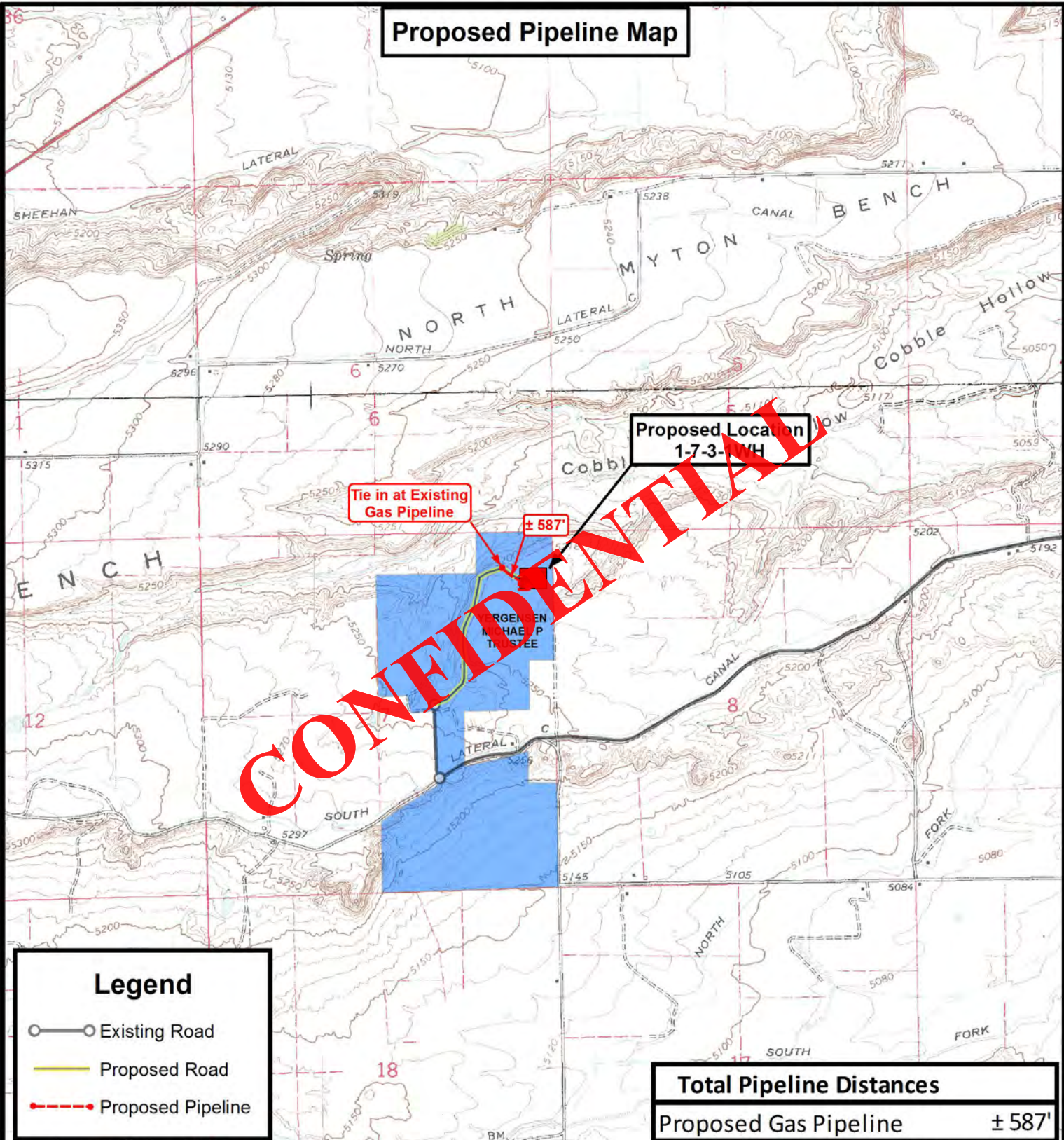
1-7-3-1WH
SEC. 7, T3S, R1W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	J.A.S.	REVISED:	02-28-12 D.C.R.	VERSION:	
DATE:	02-23-2012			V2	
SCALE:	1" = 2,000'				

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



Tie in at Existing Gas Pipeline

± 587'

Proposed Location 1-7-3-1WH

Legend

- Existing Road
- Proposed Road
- Proposed Pipeline

Total Pipeline Distances	
Proposed Gas Pipeline	± 587'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

1-7-3-1WH
SEC. 7, T3S, R1W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	J.A.S.	REVISED:	02-28-12 D.C.R.	VERSION:	
DATE:	02-23-2012			V2	
SCALE:	1" = 2,000'				

TOPOGRAPHIC MAP



SHEET **C**

Exhibit "B" Map

**Proposed Location
1-7-3-1WH**

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Legend

-  1 Mile Radius
-  Proposed Location

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



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NEWFIELD EXPLORATION COMPANY

**1-7-3-1WH
SEC. 7, T3S, R1W, U.S.B.&M.
Duchesne County, UT.**

DRAWN BY:	J.A.S.	REVISED:	02-28-12 D.C.R.	VERSION:	
DATE:	02-23-2012			V2	
SCALE:	1" = 2,000'				

TOPOGRAPHIC MAP

SHEET
D

NEWFIELD



NEWFIELD EXPLORATION CO.
DUCHESNE COUNTY, UT

ELMER 1-7-3-1WH

Plan: Design #1

Standard Survey Report

30 APRIL, 2012

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Weatherford®



Project: DUCHESNE COUNTY, UT
 Site: ELMER 1-7-3-1WH
 Well: ELMER 1-7-3-1WH
 Wellbore: ELMER 1-7-3-1WH
 Design: Design #1
 Latitude: 40° 14' 32.330 N
 Longitude: 110° 1' 50.420 W
 GL: 5234.00
 KB: WELL @ 5234.00ft (Original Well Elev)



WELLBORE TARGET DETAILS (LAT/LONG)						
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape Point
PBHL ELMER 1-7-3-1WH	8770.00	-3907.02	-286.39	40° 13' 53.718 N	110° 1' 54.113 W	

WELL DETAILS: ELMER 1-7-3-1WH						
+N/-S	+E/-W	Northing	Ground Level: Easting	5234.00 Latitude	Longitude	Slot
0.00	0.00	7260358.20	2050559.59	40° 14' 32.330 N	110° 1' 50.420 W	

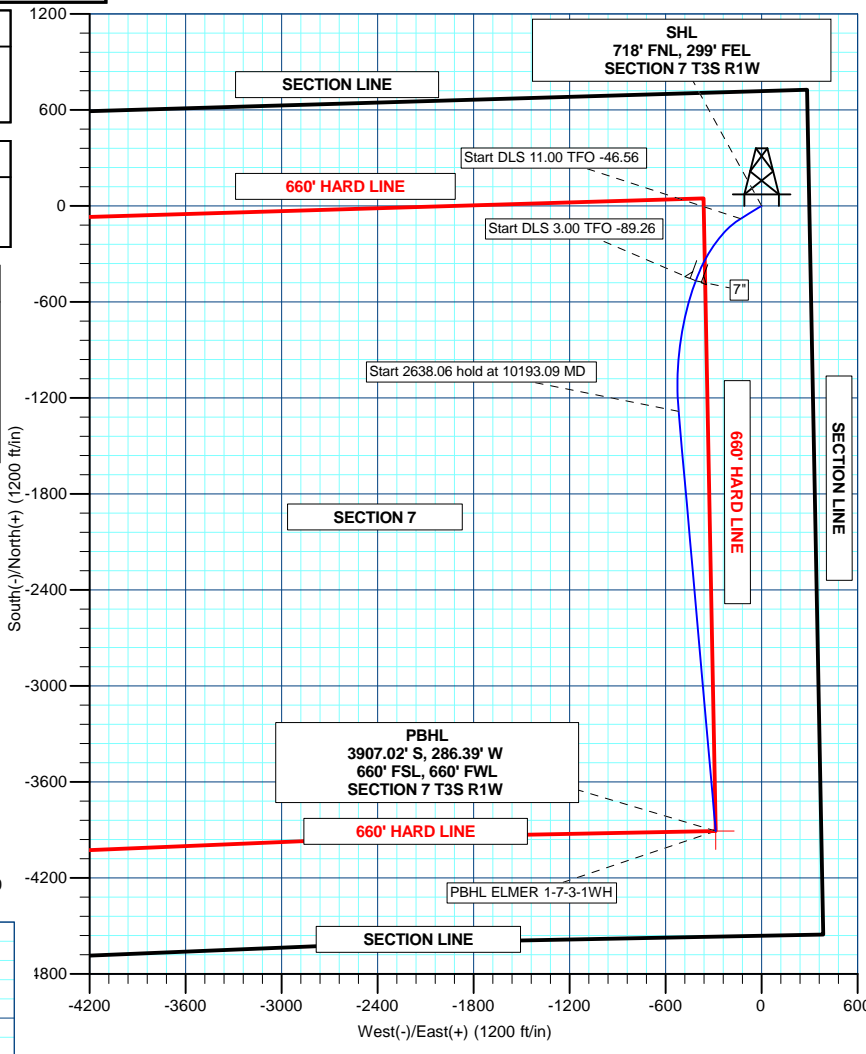
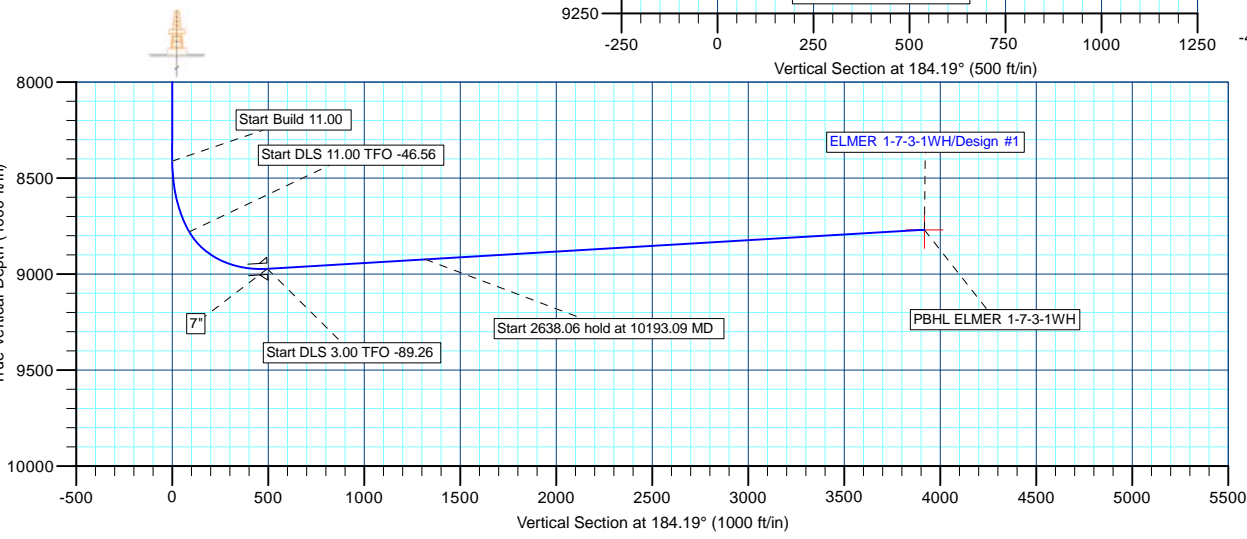
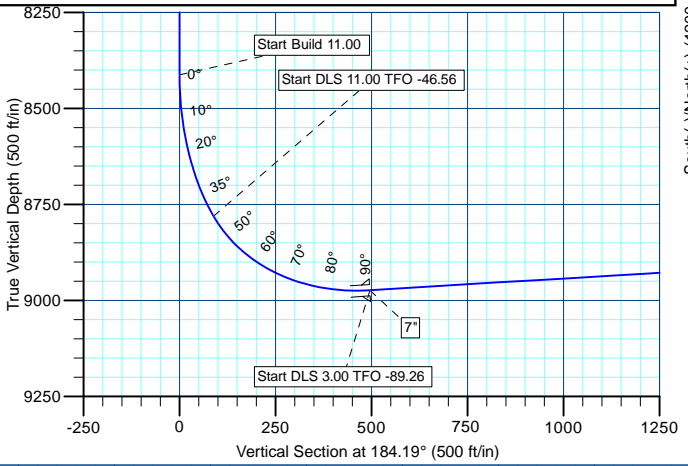
SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLog	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8412.56	0.00	0.00	8412.56	0.00	0.00	0.00	0.00	0.00	Start Build 11.00
8821.65	45.00	238.70	8780.87	79.26	30.36	11.00	238.70	88.58	Start DLS 11.00 TFO -46.56
9361.57	93.35	199.95	8973.56	67.12	10.99	11.00	-46.56	495.92	Start DLS 3.00 TFO -89.26
10193.09	93.35	174.96	8927.18	-123.66	-17.81	3.00	-89.26	1318.08	Start 2638.06 hold at 10193.09 MD
12831.15	93.35	174.96	8770.00	-3907.02	-286.39	0.00	0.00	3917.50	TD at 12831.15

T M

Azimuths to True North
Magnetic North: 11.26°

Magnetic Field
Strength: 52243.2snT
Dip Angle: 65.92°
Date: 4/30/2012
Model: BGGM2011

CASING DETAILS				
TVD	MD	Name	Size	
8973.56	9361.57		7"	7



NEWFIELD



NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT

ELMER 1-7-3-1WH

ELMER 1-7-3-1WH

ELMER 1-7-3-1WH

Plan: Design #1

Standard Planning Report

30 April, 2012

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Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well ELMER 1-7-3-1WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	WELL @ 5252.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5252.00ft (Original Well Elev)
Site:	ELMER 1-7-3-1WH	North Reference:	True
Well:	ELMER 1-7-3-1WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	ELMER 1-7-3-1WH		
Design:	Design #1		

Project	DUCHESNE COUNTY, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	ELMER 1-7-3-1WH				
Site Position:		Northing:	7,260,358.20ft	Latitude:	40° 14' 32.330 N
From:	Lat/Long	Easting:	2,050,559.59ft	Longitude:	110° 1' 50.420 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	0.94 °

Well	ELMER 1-7-3-1WH					
Well Position	+N-S	0.00 ft	Northing:	7,260,358.20 ft	Latitude:	40° 14' 32.330 N
	+E-W	0.00 ft	Easting:	2,050,559.59 ft	Longitude:	110° 1' 50.420 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,234.00 ft

Wellbore	ELMER 1-7-3-1WH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	4/30/2012	11.26	65.92	52,243

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N-S (ft)	+E-W (ft)	Direction (°)
	0.00	0.00	0.00	184.19

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,412.56	0.00	0.00	8,412.56	0.00	0.00	0.00	0.00	0.00	0.00	
8,821.65	45.00	238.70	8,780.87	-79.26	-130.36	11.00	11.00	0.00	238.70	
9,361.57	93.35	199.95	8,973.56	-467.12	-410.99	11.00	8.96	-7.18	-46.56	
10,193.09	93.35	174.96	8,924.18	-1,283.66	-517.81	3.00	0.00	-3.01	-89.26	
12,831.15	93.35	174.96	8,770.00	-3,907.02	-286.39	0.00	0.00	0.00	0.00	PBHL ELMER 1-7-3-1WH



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well ELMER 1-7-3-1WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	WELL @ 5252.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5252.00ft (Original Well Elev)
Site:	ELMER 1-7-3-1WH	North Reference:	True
Well:	ELMER 1-7-3-1WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	ELMER 1-7-3-1WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00

CONFIDENTIAL



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well ELMER 1-7-3-1WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	WELL @ 5252.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5252.00ft (Original Well Elev)
Site:	ELMER 1-7-3-1WH	North Reference:	True
Well:	ELMER 1-7-3-1WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	ELMER 1-7-3-1WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
Start Build 11.00										
8,412.56	0.00	0.00	8,412.56	0.00	0.00	0.00	0.00	0.00	0.00	
8,450.00	4.12	238.70	8,449.97	-0.70	-1.15	0.78	11.00	11.00	0.00	
8,500.00	9.62	238.70	8,499.59	-3.80	-6.26	4.25	11.00	11.00	0.00	
8,550.00	15.12	238.70	8,548.41	-9.37	-15.40	10.47	11.00	11.00	0.00	
8,600.00	20.62	238.70	8,595.98	-17.33	-28.51	19.37	11.00	11.00	0.00	
8,650.00	26.12	238.70	8,641.86	-27.63	-45.45	30.88	11.00	11.00	0.00	
8,700.00	31.62	238.70	8,685.63	-40.17	-66.07	44.89	11.00	11.00	0.00	
8,750.00	37.12	238.70	8,726.89	-54.83	-90.17	61.27	11.00	11.00	0.00	
8,800.00	42.62	238.70	8,765.25	-71.47	-117.55	79.87	11.00	11.00	0.00	
Start DLS 11.00 TFO -46.56										
8,821.65	45.00	238.70	8,780.87	-79.26	-130.36	88.58	11.00	11.00	0.00	
8,850.00	47.19	235.61	8,800.53	-90.34	-147.50	100.88	11.00	7.71	-10.89	
8,900.00	51.23	230.68	8,833.20	-113.07	-177.74	125.76	11.00	8.08	-9.87	
8,950.00	55.45	226.28	8,863.06	-139.67	-207.72	154.48	11.00	8.45	-8.79	
9,000.00	59.81	222.32	8,889.83	-169.90	-237.18	186.78	11.00	8.73	-7.93	
9,050.00	64.29	218.70	8,913.27	-203.48	-265.83	222.37	11.00	8.95	-7.24	
9,100.00	68.85	215.34	8,933.15	-240.11	-293.42	260.92	11.00	9.11	-6.71	
9,150.00	73.47	212.18	8,949.30	-279.44	-319.69	302.07	11.00	9.24	-6.31	
9,200.00	78.13	209.18	8,961.56	-321.12	-344.40	345.44	11.00	9.33	-6.01	
9,250.00	82.83	206.27	8,969.83	-364.76	-367.33	390.63	11.00	9.39	-5.81	
9,300.00	87.54	203.43	8,974.03	-409.95	-388.26	437.24	11.00	9.43	-5.69	



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Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5252.00ft (Original Well Elev)
Site:	ELMER 1-7-3-1WH	North Reference:	True
Well:	ELMER 1-7-3-1WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	ELMER 1-7-3-1WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,350.00	92.26	200.60	8,974.12	-456.29	-406.99	484.82	11.00	9.44	-5.65
Start DLS 3.00 TFO -89.26 - 7"									
9,361.57	93.35	199.95	8,973.56	-467.13	-411.00	495.92	11.00	9.43	-5.66
9,400.00	93.36	198.79	8,971.31	-503.32	-423.72	532.95	3.00	0.04	-3.01
9,500.00	93.40	195.79	8,965.41	-598.62	-453.39	630.16	3.00	0.03	-3.01
9,600.00	93.42	192.78	8,959.47	-695.35	-478.01	728.43	3.00	0.02	-3.01
9,700.00	93.43	189.78	8,953.50	-793.23	-497.54	827.18	3.00	0.01	-3.01
9,800.00	93.43	186.77	8,947.51	-892.00	-511.90	927.09	3.00	0.00	-3.01
9,900.00	93.42	183.77	8,941.53	-991.39	-521.07	1026.83	3.00	-0.01	-3.01
10,000.00	93.41	180.76	8,935.57	-1,091.12	-525.01	1,126.58	3.00	-0.02	-3.01
10,100.00	93.38	177.76	8,929.65	-1,190.93	-523.72	1,226.93	3.00	-0.03	-3.01
Start 2638.06 hold at 10193.09 MD									
10,193.09	93.35	174.96	8,924.18	-1,283.66	-517.81	1,318.08	3.00	-0.03	-3.00
10,200.00	93.35	174.96	8,923.78	-1,290.52	-511.21	1,324.89	0.00	0.00	0.00
10,300.00	93.35	174.96	8,917.93	-1,389.97	-508.43	1,423.42	0.00	0.00	0.00
10,400.00	93.35	174.96	8,912.09	-1,489.41	-499.66	1,521.96	0.00	0.00	0.00
10,500.00	93.35	174.96	8,906.24	-1,588.86	-490.89	1,620.49	0.00	0.00	0.00
10,600.00	93.35	174.96	8,900.40	-1,688.30	-482.12	1,719.03	0.00	0.00	0.00
10,700.00	93.35	174.96	8,894.55	-1,787.74	-473.34	1,817.56	0.00	0.00	0.00
10,800.00	93.35	174.96	8,888.71	-1,887.19	-464.57	1,916.10	0.00	0.00	0.00
10,900.00	93.35	174.96	8,882.86	-1,986.63	-455.80	2,014.63	0.00	0.00	0.00
11,000.00	93.35	174.96	8,877.02	-2,086.07	-447.03	2,113.17	0.00	0.00	0.00
11,100.00	93.35	174.96	8,871.18	-2,185.52	-438.25	2,211.71	0.00	0.00	0.00
11,200.00	93.35	174.96	8,865.33	-2,284.96	-429.48	2,310.24	0.00	0.00	0.00
11,300.00	93.35	174.96	8,859.49	-2,384.40	-420.71	2,408.78	0.00	0.00	0.00
11,400.00	93.35	174.96	8,853.64	-2,483.84	-411.94	2,507.31	0.00	0.00	0.00
11,500.00	93.35	174.96	8,847.80	-2,583.29	-403.16	2,605.85	0.00	0.00	0.00
11,600.00	93.35	174.96	8,841.95	-2,682.73	-394.39	2,704.38	0.00	0.00	0.00
11,700.00	93.35	174.96	8,836.11	-2,782.17	-385.62	2,802.92	0.00	0.00	0.00
11,800.00	93.35	174.96	8,830.26	-2,881.62	-376.85	2,901.45	0.00	0.00	0.00
11,900.00	93.35	174.96	8,824.42	-2,981.06	-368.07	2,999.99	0.00	0.00	0.00
12,000.00	93.35	174.96	8,818.58	-3,080.50	-359.30	3,098.53	0.00	0.00	0.00
12,100.00	93.35	174.96	8,812.73	-3,179.94	-350.53	3,197.06	0.00	0.00	0.00
12,200.00	93.35	174.96	8,806.89	-3,279.39	-341.76	3,295.60	0.00	0.00	0.00
12,300.00	93.35	174.96	8,801.04	-3,378.83	-332.98	3,394.13	0.00	0.00	0.00
12,400.00	93.35	174.96	8,795.20	-3,478.27	-324.21	3,492.67	0.00	0.00	0.00
12,500.00	93.35	174.96	8,789.35	-3,577.72	-315.44	3,591.20	0.00	0.00	0.00
12,600.00	93.35	174.96	8,783.51	-3,677.16	-306.67	3,689.74	0.00	0.00	0.00
12,700.00	93.35	174.96	8,777.66	-3,776.60	-297.89	3,788.27	0.00	0.00	0.00
12,800.00	93.35	174.96	8,771.82	-3,876.04	-289.12	3,886.81	0.00	0.00	0.00
TD at 12831.15 - PBHL ELMER 1-7-3-1WH									
12,831.15	93.35	174.96	8,770.00	-3,907.02	-286.39	3,917.50	0.00	0.00	0.00

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL ELMER 1-7-3-1 - hit/miss target - Shape - Point	0.00	0.00	8,770.00	-3,907.02	-286.39	7,256,447.01	2,050,337.42	40° 13' 53.718 N	110° 1' 54.113 W



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Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5252.00ft (Original Well Elev)
Site:	ELMER 1-7-3-1WH	North Reference:	True
Well:	ELMER 1-7-3-1WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	ELMER 1-7-3-1WH		
Design:	Design #1		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
9,361.57	8,973.56	7"	7	8-3/4

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
8,412.56	8,412.56	0.00	0.00	Start Build 11.00
8,821.65	8,780.87	-79.26	-130.36	Start DLS 1.00 TFO -46.56
9,361.57	8,973.56	-467.12	-410.99	Start DLS 3.00 TFO -59.26
10,193.09	8,924.18	-1,283.66	-517.81	Start 2638.06 hold at 10193.09 MD
12,831.15	8,770.00	-3,907.02	-286.39	TD at 12831.15

CONFIDENTIAL

AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT

Greg Boggs personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Greg Boggs. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed Elmer 1-7-3-1WH well with a surface location to be positioned in the NENE of Section 7, Township 3 South, Range 1 West, Duchesne County, Utah (the "Drillsite Location") with a bottom hole location in the SESE of Section 7, Township 3 South, Range 1 West, Duchesne County, Utah. The surface owner of the Drillsite Location is Matthew Charles Yergensen, Christopher John Yergensen, and Andrew Scott Yergensen, Successor Co-Trustees of the Family Trust within the Michael P. Yergensen Trust, whose address is P.O. Box 51, Roosevelt, UT 84066 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated March 2, 2012 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

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ACKNOWLEDGEMENT

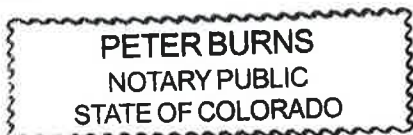
STATE OF COLORADO §
 §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 2 day of May, 2012, personally appeared Greg Boggs, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.



NOTARY PUBLIC

My Commission Expires:



My Commission Expires 8/09/2015

NEWFIELD EXPLORATION COMPANY

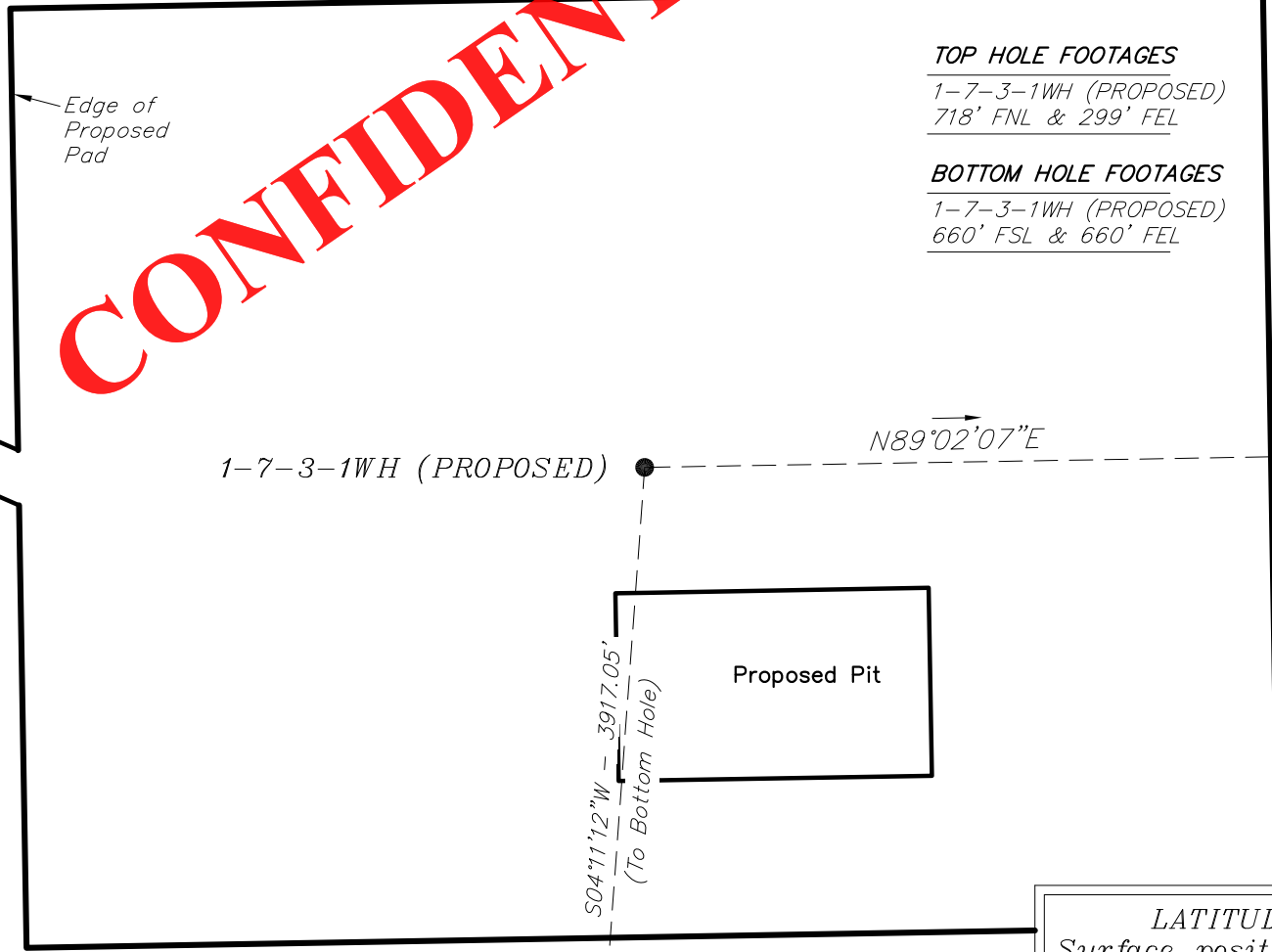
WELL PAD INTERFERENCE PLAT

1-7-3-1WH (Proposed Well)

Pad Location: NENE Section 7, T3S, R1W, U.S.B.&M.



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TOP HOLE FOOTAGES

1-7-3-1WH (PROPOSED)
718' FNL & 299' FEL

BOTTOM HOLE FOOTAGES

1-7-3-1WH (PROPOSED)
660' FSL & 660' FEL

Proposed Access

Edge of Proposed Pad

1-7-3-1WH (PROPOSED)

N89°02'07"E

Proposed Pit

S04°11'12"W - 3917.05'
(To Bottom Hole)

Existing Fence
Section Line

Note:
Bearings are based on GPS Observations.

RELATIVE COORDINATES From Top Hole to Bottom Hole		
WELL	NORTH	EAST
1-7-3-1WH	-3,907'	-286'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
1-7-3-1WH	40° 14' 32.33"	110° 01' 50.42"

SURVEYED BY: K.G.S.	DATE SURVEYED: 02-14-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 02-21-12	V2
SCALE: 1" = 60'	REVISED: R.B.T. 02-28-12	

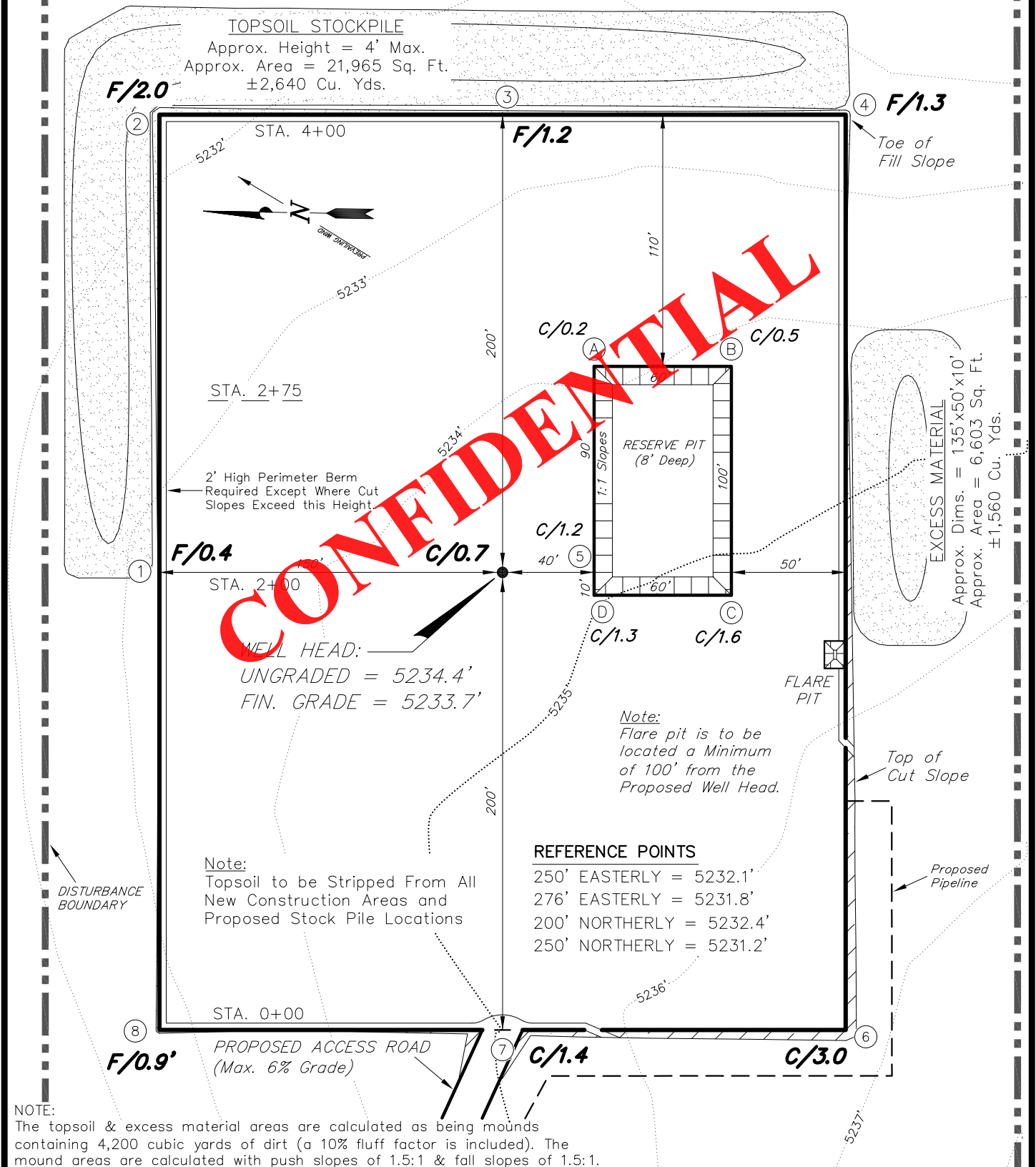
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

1-7-3-1WH

Pad Location: NENE Section 7, T3S, R1W, U.S.B.&M.



SURVEYED BY: K.G.S.	DATE SURVEYED: 02-14-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 02-21-12	V2
SCALE: 1" = 60'	REVISED: R.B.T. 02-28-12	

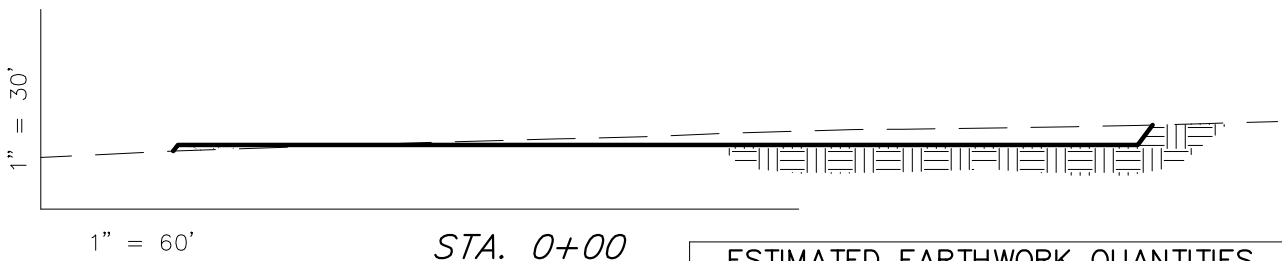
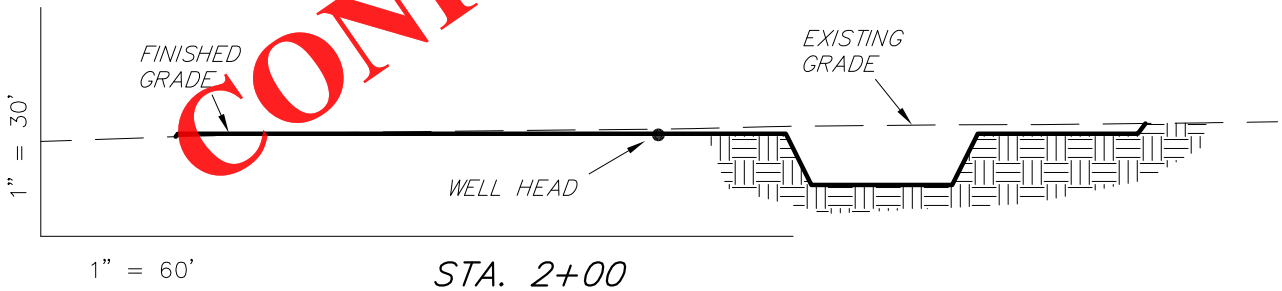
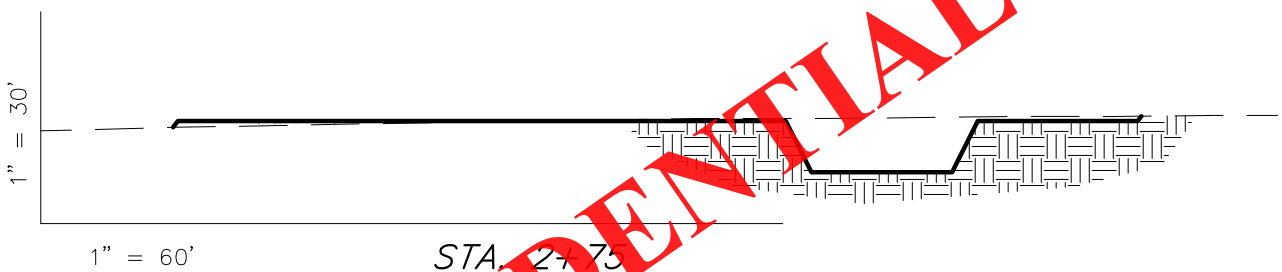
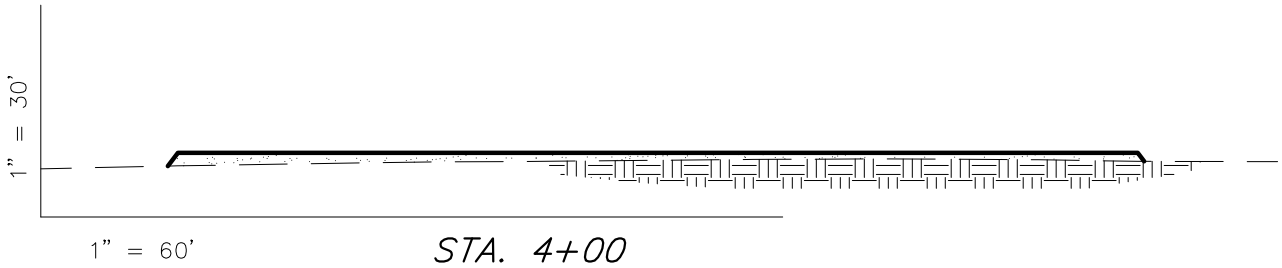
Tri State Land Surveying, Inc. (435) 781-2501
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

1-7-3-1WH

Pad Location: NENE Section 7, T3S, R1W, U.S.B.&M



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ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,060	2,060	Topsoil is not included in Pad Cut Volume	0
PIT	1,420	0		1,420
TOTALS	3,480	2,060	2,400	1,420

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

SURVEYED BY: K.G.S.	DATE SURVEYED: 02-14-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 02-21-12	V2
SCALE: 1" = 60'	REVISED: R.B.T. 02-28-12	

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

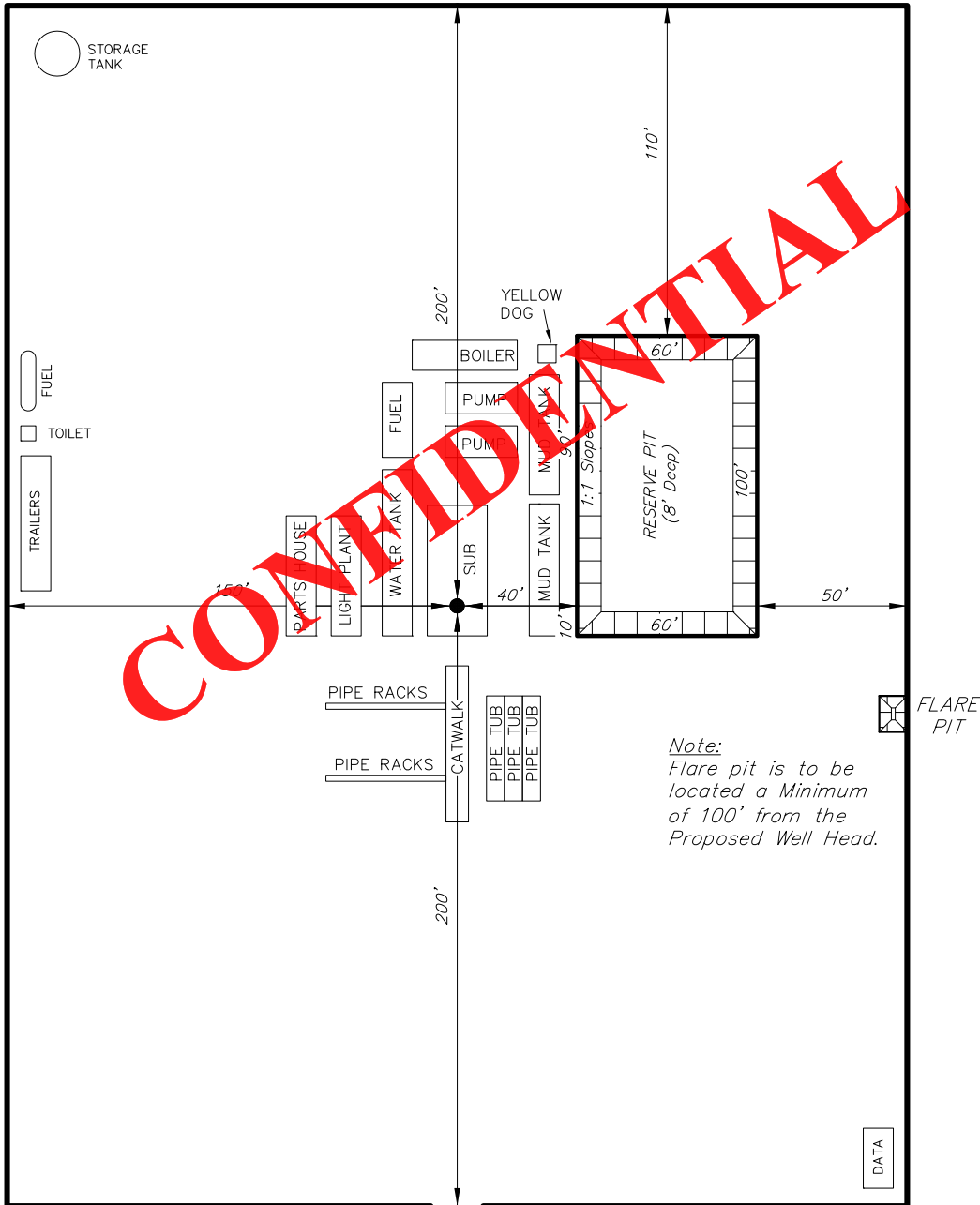
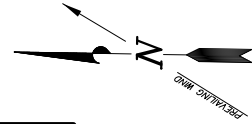
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

1-7-3-1WH

Pad Location: NENE Section 7, T3S, R1W, U.S.B.&M

Existing Fence



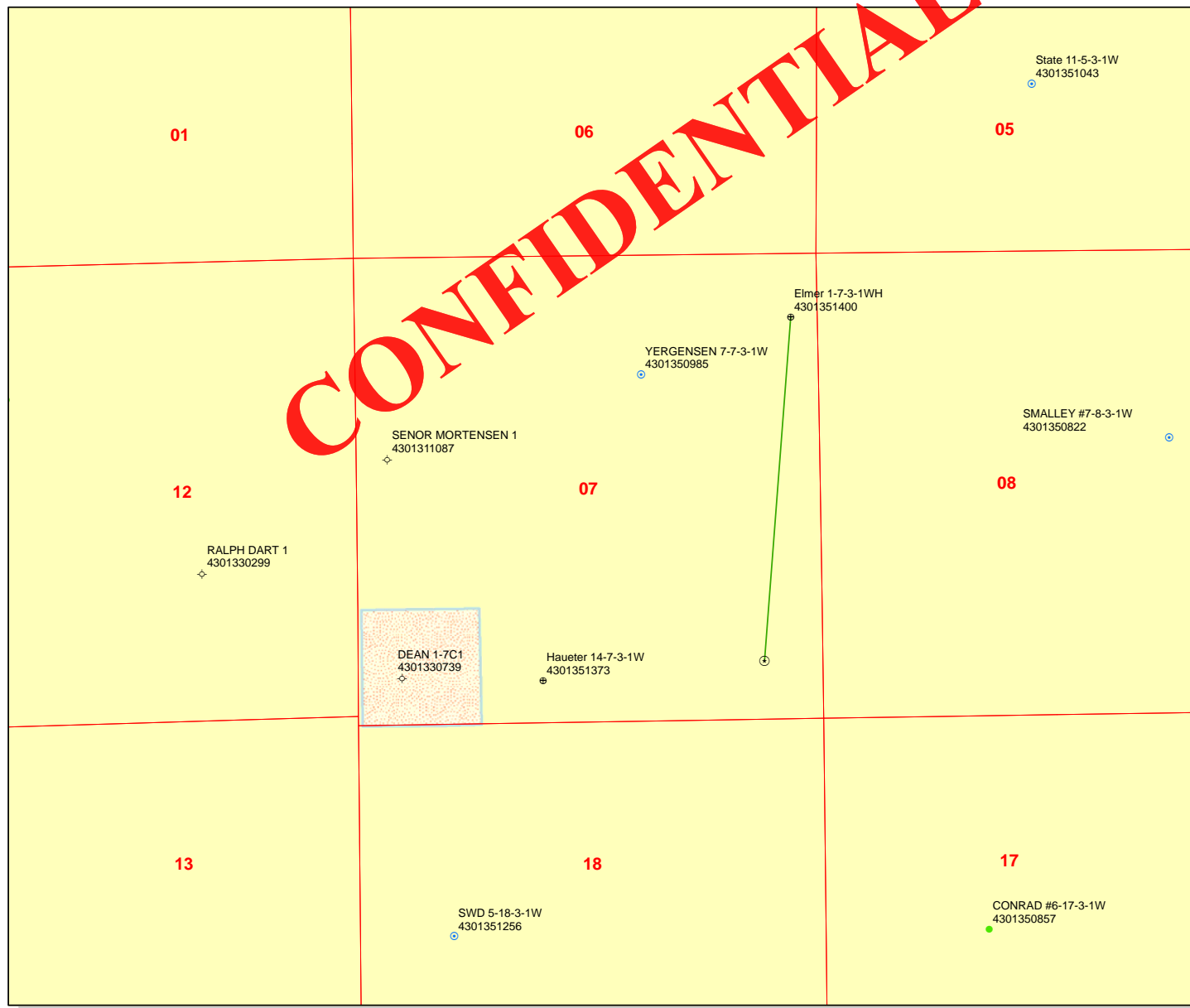
Note:
Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

PROPOSED ACCESS ROAD
(Max. 6% Grade)

SURVEYED BY: K.G.S.	DATE SURVEYED: 02-14-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 02-21-12	V2
SCALE: 1" = 60'	REVISED: R.B.T. 02-28-12	

Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

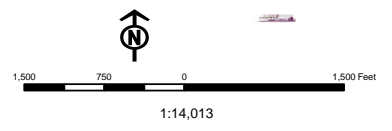
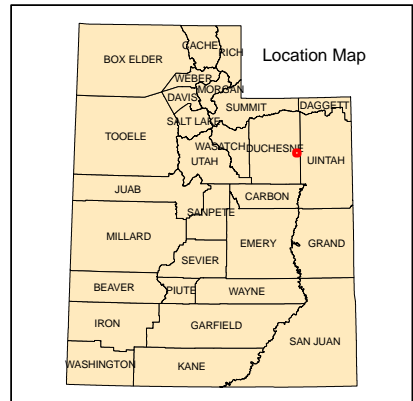
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API Number: 4301351400
Well Name: Elmer 1-7-3-1WH
 Township T0.3 . Range R0.1 . Section 07
 Meridian: UBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

Units STATUS	Wells Query Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERMAL	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
Fields STATUS	SGW - Shut-in Gas Well
Unknown	SOW - Shut-in Oil Well
ABANDONED	TA - Temp. Abandoned
ACTIVE	TW - Test Well
COMBINED	WDW - Water Disposal
INACTIVE	WIW - Water Injection Well
STORAGE	WSW - Water Supply Well
TERMINATED	





June 25, 2012

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
P O Box 145801
Salt Lake City, UT 84114

RE: **Elmer 1-7-3-1WH**
Section 7, T3S, R1W
Duchesne County, Utah

Dear Brad,

Newfield Production Company proposes to drill the Elmer 1-7-3-1WH from a surface location of 718' FNL and 299' FEL of Section 7, T3S, R1W. Newfield shall case and cement the Elmer 1-7-3-1WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FEL of Section 7, T3S, R1W. The cased and cemented portion of the wellbore shall not be perforated nor produced. In the event a future recompletion into the cased and cemented portion of the wellbore is proposed, Newfield shall file the appropriate application with the State.

Newfield owns a 94% working interest and is operator of the Smalley 7-8-3-1W located in the eastern offset drilling and spacing unit (Section 8, T3S, R1W). The owner of the remaining 6% interest is unleased and is unlocatable. Due to the above circumstances, Newfield respectfully requests that DOGM administratively grant an exception location for the Elmer 1-7-3-1WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4496 or by email at laurasmith@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in blue ink that reads "Laura B. Smith".

Laura B. Smith
Land Lead

Well Name	NEWFIELD PRODUCTION COMPANY Elmer 1-7-3-1WH 43013514000			
String	COND	SURF	I1	L1
Casing Size(")	14.000	9.625	7.000	4.500
Setting Depth (TVD)	60	2500	8973	8770
Previous Shoe Setting Depth (TVD)	0	60	2500	8973
Max Mud Weight (ppg)	8.3	8.3	10.5	10.5
BOPE Proposed (psi)	0	500	5000	5000
Casing Internal Yield (psi)	1000	3520	9950	12410
Operators Max Anticipated Pressure (psi)	4560			10.0

Calculations	COND String	14.000	"
Max BHP (psi)	.052*Setting Depth*MW=	26	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	19	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	13	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	13	NO
Required Casing/BOPE Test Pressure=		60	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

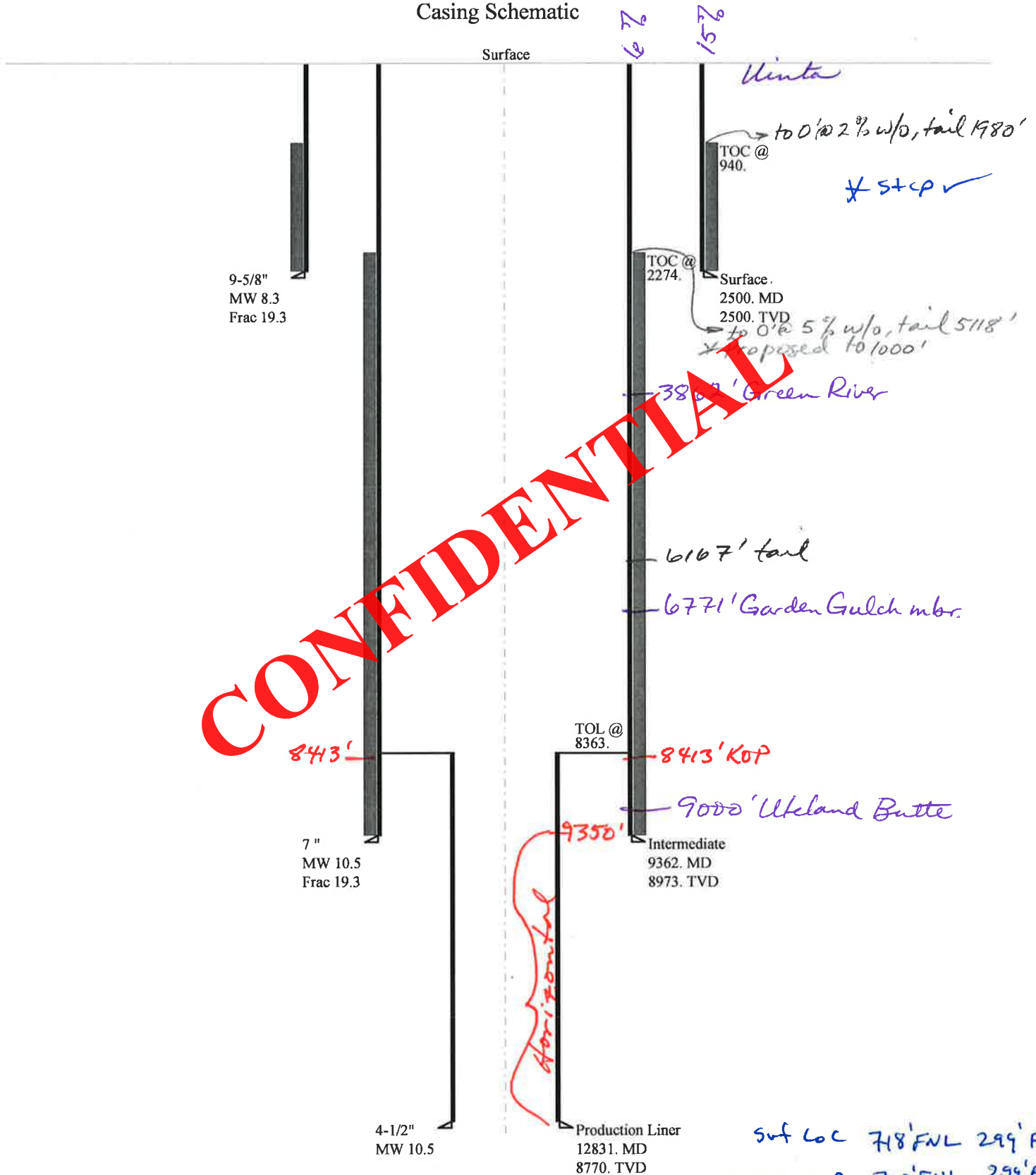
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	109	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	779	NO air or fresh water drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	529	NO Reasonable depth, no expected pressures
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	542	NO
Required Casing/BOPE Test Pressure=		2464	psi
*Max Pressure Allowed @ Previous Casing Shoe=		60	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	4899	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3822	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2925	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3475	NO Reasonable
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2500	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4788	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3736	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2859	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	4833	YES
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		8973	psi *Assumes 1psi/ft frac gradient

43013514000000 Elmer 1-7-3-1 WH

Casing Schematic



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Surf LOC	718' FNL	299' FEL
@ GRV TOP	718' FNL	299' FEL
@ UTKLAND	888' FNL	536' FEL
@ TO	4625' FNL	585' FEL
		657' FEL

1 r. sec, exception letter #662 FSL 670 FSL
 660', 660' hardline
 in Utkland Butte ✓

Well name:	4301351400000 Elmer 1-7-3-1WH	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Surface	Project ID: 43-013-51400
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 109 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft
Cement top: 940 ft

Burst

Max anticipated surface pressure: 2,200 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,500 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.00 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 2,192 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 8,973 ft
Next mud weight: 10.500 ppg
Next setting BHP: 4,895 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,500 ft
Injection pressure: 2,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2500	9.625	36.00	J-55	LT&C	2500	2500	8.796	20443
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1082	2020	1.867	2500	3520	1.41	90	453	5.03 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: June 14, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2500 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013514000000 Elmer 1-7-3-1WH		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Intermediate	Project ID:	43-013-51400
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 10.500 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 200 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: 2,274 ft

Burst

Max anticipated surface pressure: 2,920 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 4,895 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.00 (B)
 Premium: 1.50 (J)
 Body yield: 1.00 (B)

Tension is based on air weight.
 Neutral point: 7,552 ft

Directional info - Build & Hold

Kick-off point: 8413 ft
 Departure at shoe: 623 ft
 Maximum dogleg: 11.01 °/100ft
 Inclination at shoe: 93.35 °

Re subsequent strings:

Next setting depth: 8,770 ft
 Next mud weight: 10.500 ppg
 Next setting BHP: 4,784 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 8,973 ft
 Injection pressure: 8,973 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	9362	7	26.00	P-110	Buttress	8973	9362	6.151	104115
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4895	6158	1.258	4895	9950	2.03	233.3	830.4	3.56 B

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: June 14, 2012
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8973 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Well name:	43013514000000 Elmer 1-7-3-1WH		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production Liner	Project ID:	43-013-51400
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 10.500 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 197 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Burst

Max anticipated surface pressure: 2,854 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 4,784 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.80 (J)
 Premium: 1.50 (J)
 Body yield: 1.80 (B)

Tension is based on air weight.
 Neutral point: 8,734 ft

Liner top: 8,363 ft
Directional Info - Build & Hold
 Kick-off point: 8413 ft
 Departure at shoe: 3917 ft
 Maximum dogleg: 11.01 °/100ft
 Inclination at shoe: 93.35 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	4431	4.5	13.50	P-110	Buttress	8770	12831	3.795	26583
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4784	10680	2.233	4828	12410	2.57	5	421.9	84.50 B

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: June 14, 2012
 Salt Lake City, Utah

Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 8770 ft, a mud weight of 10.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Elmer 1-7-3-1WH
API Number 43013514000000 **APD No** 5796 **Field/Unit** WILDCAT
Location:
1/4,1/4 NENE **Sec** 7 **Tw** 3.0S **Rng** 1.0W 718 FNL 299 FEL
GPS Coord
(UTM) 582299 4455047 **Surface Owner** Matthew Charles Yergensen, et al,
Michael P. Yergensen Trust

Participants

T. Eaton, F. Bird, J. Henderson– Newfield; C. Jensen,– DOGM ;

Regional/Local Setting & Topography

The proposed action is in the Cobble hollow area in Duchesne County on a river floodplain terrace off the Mortenson road below the North Myton bench. The city of Roosevelt can be found approximately 4 miles Northeast with Myton 3 miles South. The area is characterized by clayey sandy soils with slopes of < 2% consisting of terraces, river floodplains and benches, both North and South, of several different elevations capped by sandstone cliffs over highly erodible soils consistent with river floodplain profiles. The occasional Butte can also be found. The immediate area is criss crossed with numerous canals and associated laterals from the Lake Fork and Duchesne Rivers and Lake Boreham. The area has long been used for farming and ranching operations and has recently seen increasing development for petroleum extraction.

Surface Use Plan

Current Surface Use
Agricultural

New Road Miles	Well Pad	Src Const Material	Surface Formation
0	Width 300 Length 400	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N
man made ponds are found below across the field

Flora / Fauna
productive farm. Currently in sprinkled alfalfa

Disturbed lands are not habitat for wildlife

Soil Type and Characteristics
disturbed soils. Farm ground currently in production

Erosion Issues N

Sedimentation Issues N**Site Stability Issues** N**Drainage Diversion Required?** N**Berm Required?** Y**Erosion Sedimentation Control Required?** N**Paleo Survey Run?** N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N**Reserve Pit****Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	75 to 100	10	
Distance to Surface Water (feet)	300 to 1000	2	
Dist. Nearest Municipal Well (ft)	500 to 1520	10	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Present	15	
	Final Score	57	1 Sensitivity Level

Characteristics / Requirements

Pit to be dug to a depth of 8'. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. Pit to be closed within one year after drilling activities are complete.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** N**Other Observations / Comments**

surface owner requested and was granted some concessions about reinforcement of man made dam that equipment will use to access property. Concrete blocks are onsite for the construction.

Chris Jensen
Evaluator5/30/2012
Date / Time

Application for Permit to Drill Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
5796	43013514000000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Matthew Charles Yergensen, et al, Michael P. Yergensen Trust	
Well Name	Elmer 1-7-3-1WH		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	NENE 7 3S 1W U 718 FNL (UTM) 582445E 4455096N		299 FEL GPS Coord		

Geologic Statement of Basis

Newfield proposes to set 60' of conductor and 2,500' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 2,600'. A search of Division of Water Rights records shows 7 water wells within a 10,000 foot radius of the center of Section 7. All wells are privately owned. Depth is listed as ranging from 22 to 800 feet. Depth is not listed for 2 wells. Water use is listed as irrigation, stock watering, and domestic use. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect usable ground water in the area.

Brad Hill
APD Evaluator

6/20/2012
Date / Time

Surface Statement of Basis

Operator has a surface agreement in place with the landowner. I was made aware that some concessions were made to the landowner. Location is proposed in the best possible position within the spacing window. Access road is going to be placed on top of a man made dam west of the pad. Operator to reinforce the dam with blocks present on site. The soil type and topography at present do not combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions. Construction standards of the Operator appear to be adequate for the proposed purpose. I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The landowner was invited but was not in attendance for the pre-site inspection. The location should be bermed to prevent spills from leaving the confines of the pad. Fencing around the reserve pit will be necessary once the well is drilled to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit.

Chris Jensen
Onsite Evaluator

5/30/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.

Surface The reserve pit shall be fenced upon completion of drilling operations.
Surface The well site shall be bermed to prevent fluids from leaving the pad.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/2/2012

API NO. ASSIGNED: 43013514000000

WELL NAME: Elmer 1-7-3-1WH

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NENE 07 030S 010W

Permit Tech Review:

SURFACE: 0718 FNL 0299 FEL

Engineering Review:

BOTTOM: 0660 FSL 0660 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.24226

LONGITUDE: -110.03073

UTM SURF EASTINGS: 582445.00

NORTHINGS: 4455096.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Patented

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - B001834
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 437478
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-90
- Effective Date: 5/8/2012
- Siting: 660' Fr Ext Boundary Section
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmacdonald
25 - Surface Casing - hmacdonald
27 - Other - bhill
28 - Other2 - bhill

RECEIVED: July 02, 2012



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Elmer 1-7-3-1WH
API Well Number: 4301351400000
Lease Number: Patented
Surface Owner: FEE (PRIVATE)
Approval Date: 7/2/2012

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-90. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

Surface casing shall be cemented to the surface.

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 1000' MD as indicated in the submitted drilling plan.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

This well shall not be completed outside of the horizontal portion of the wellbore without prior approval by DOGM.

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
 - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

Approved by:

A handwritten signature in black ink, appearing to read "J. Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Elmer 1-7-3-1WH
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013514000000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0718 FNL 0299 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 07 Township: 03.0S Range: 01.0W Meridian: U	9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
	COUNTY: DUCHESNE
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/20/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

In conjunction with its revised drilling plans, Newfield Production Company proposes to drill the Elmer 1-7-3-IWH from a surface location of 718' FNL and 299' FEL of Section 7, T3S, R1W in a northwesterly direction to a point approximately 150' FNL of Section 7, then in a southerly direction to a bottom hole location in the SESE of Section 7. Newfield shall case and cement the Elmer 1-7-3-1WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL of Section 7, T3S, R1 W. The cased and cemented portion of the wellbore shall not be perforated nor produced. In the event a future recompletion into the cased and cemented portion of the wellbore is proposed, Newfield shall file the appropriate application with the State. Please refer to the attachments for details.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: July 30, 2012
By:

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent
SIGNATURE N/A	DATE 7/20/2012	



July 18, 2012

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
P O Box 145801
Salt Lake City, UT 84114

RE: Revised Drilling Plans
Elmer 1-7-3-1WH
Section 7, T3S, R1W
Duchesne County, Utah

Dear Brad,

In conjunction with its revised drilling plans, Newfield Production Company proposes to drill the Elmer 1-7-3-1WH from a surface location of 718' FNL and 299' FEL of Section 7, T3S, R1W in a northwesterly direction to a point approximately 150' FNL of Section 7, then in a southerly direction to a bottom hole location in the SESE of Section 7. Newfield shall case and cement the Elmer 1-7-3-1WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL of Section 7, T3S, R1W. The cased and cemented portion of the wellbore shall not be perforated nor produced. In the event a future recompletion into the cased and cemented portion of the wellbore is proposed, Newfield shall file the appropriate application with the State.

Newfield owns a 93.75% working interest and is operator of the White 7-6-3-1W located in the northern offset drilling and spacing unit (Section 6, T3S, and R1W). Bill Barrett Corporation ("BBC") is the owner of the remaining 6.25% working interest. Attached is BBC's consent to this exception location. Newfield respectfully requests that DOGM administratively grant an exception location for the Elmer 1-7-3-1WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4496 or by email at laurasmith@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Laura B. Smith".

Laura B. Smith
Land Lead



July 18, 2012

Ms. Cindy Sandell
Bill Barrett Corporation
1099 18th Street
Suite 2300
Denver, CO 80202

RE: Exception Location Request
Elmer 1-7-3-1WH
Surface Hole Location: T3S-R1W, Section 7: NENE (718' FNL, 299' FEL)
Bottom Hole Location: T3S-R1W, Section 7: SESE (660' FEL, 660' FSL)
Duchesne County, Utah

Dear Cindy:

Newfield Production Company (NPC) has filed an Application for Permit to Drill the Elmer 1-7-3-1WH (the "Well") with a surface hole location and bottom hole location mentioned above. From the surface hole location, the Well shall be drilled in a northwesterly direction to a point 150' FNL of Section 7, then drilled in a southerly direction to a bottom hole location in the SESE of Section 7, T3S, R1W. NPC shall case and cement the wellbore from the surface hole location to that point when the wellbore reaches the legal setback of 660' FNL of Section 7, T3S, R1W. The cased and cemented portion of the wellbore shall not be perforated or produced.

Bill Barrett Corporation owns a 6.25% WI in the northern offset drilling and spacing unit of Section 6, T3S, R1W. Please indicate Barrett's consent to NPC's exception location request by executing below. If you have any questions or require further information, please contact the undersigned at 303-382-4496 or by email at laurasmith@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Laura B. Smith".

Laura B. Smith
Land Lead

Bill Barrett Corporation hereby consents to the above referenced exception location request.

By: Cindy Sandell
Name: Cindy Sandell
Title: Landman
Date: 7/18/12

Newfield Production Company
Elmer 1-7-3-1WH
Surface Hole Location: 718' FNL, 299' FEL, Section 7, T3S, R1W
Bottom Hole Location: 660' FSL, 660' FEL, Section 7, T3S, R1W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface		
Green River	3,862'		
Garden Gulch member	6,771'		
Lateral TD	8,770'	TVD /	13,334' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	100'	(water)
Green River	6,771' - 8,770'	(oil)

3. Pressure Control

Section BOP Description

Surface 12-1/4" diverter

Interm/Prod The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
									--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	LTC	8.33	8.33	12	3,520	2,020	453,000
									2.51	2.54	5.03
Intermediate 7	0'	9,002' 9,372'	26	P-110	BTC	10	10.5	15	9,960	6,210	830,000
									2.63	1.55	3.41
Production 4 1/2	8,419'	8,770' 13,334'	13.5	P-110	BTC	10	10.5	--	12,410	10,670	422,000
									3.37	2.73	6.36

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Intermediate casing MASP = (reservoir pressure) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41	15%	15.8	1.17
				35			
Surface Lead	12 1/4	2,000'	Varicem + .125 lbs/sk Cello Flakes	720	15%	11.0	3.33
				216			
Surface Tail	12 1/4	500'	Varicem + .125 lbs/sk Cello Flakes	180	15%	13.0	1.9
				95			
Intermediate Lead	8 3/4	5,771'	Versacem	998	15%	12.5	2.03
				492			
Intermediate Tail	8 3/4	2,601'	Bondcem	450	15%	14.0	1.29
				349			
Production	6 1/8	4,915'	Expandacem - N2 foam cement	532	15%	12.5	1.46
				365			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The cement slurries will be adjusted for hole conditions and blend test results.

6. Type and Characteristics of Proposed Circulating Medium

Interval

Description

Surface - 2,500'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

2,500' - TD

A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

Anticipated maximum mud weight is 10.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run in the intermediate section from the top of the curve to the base of the surface casing. A compensated neutron/formation density log will be run in the intermediate section from the top of the curve to the top of the Garden Gulch formation. A cement bond log will be run from the top of the curve to the cement top behind the intermediate casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.52 psi/ft gradient.

$$8,770' \times 0.52 \text{ psi/ft} = 4560 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

Directional tools will then be used to build to 93.36 degrees inclination.

The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat.

A liner will be run and cemented in place. The top of the liner will be placed 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:

- Variance from Onshoer Order #2, III.E.1

Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

NEWFIELD



NEWFIELD EXPLORATION CO.
DUCHESNE COUNTY, UT

ELMER 1-7-3-1WH

Plan: Design #2

Standard Survey Report

16 JULY, 2012



NEWFIELD



Project: DUCHESNE COUNTY, UT
 Site: ELMER 1-7-3-1WH
 Well: ELMER 1-7-3-1WH
 Wellbore: ELMER 1-7-3-1WH
 Design: Design #2
 Latitude: 40° 14' 32.330 N
 Longitude: 110° 1' 50.420 W
 GL: 5234.00
 KB: WELL @ 5252.00ft (Original Well Elev)



Weatherford®

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape Point
PBHL ELMER 1-7-3-1WH	8770.00	-3907.02	-286.39	40° 13' 53.718 N	110° 1' 54.113 W	

WELL DETAILS: ELMER 1-7-3-1WH

+N/-S	+E/-W	Northing	Ground Level: Easting	5234.00 Latitude	Longitude	Slot
0.00	0.00	7260358.20	2050559.59	40° 14' 32.330 N	110° 1' 50.420 W	

SECTION DETAILS

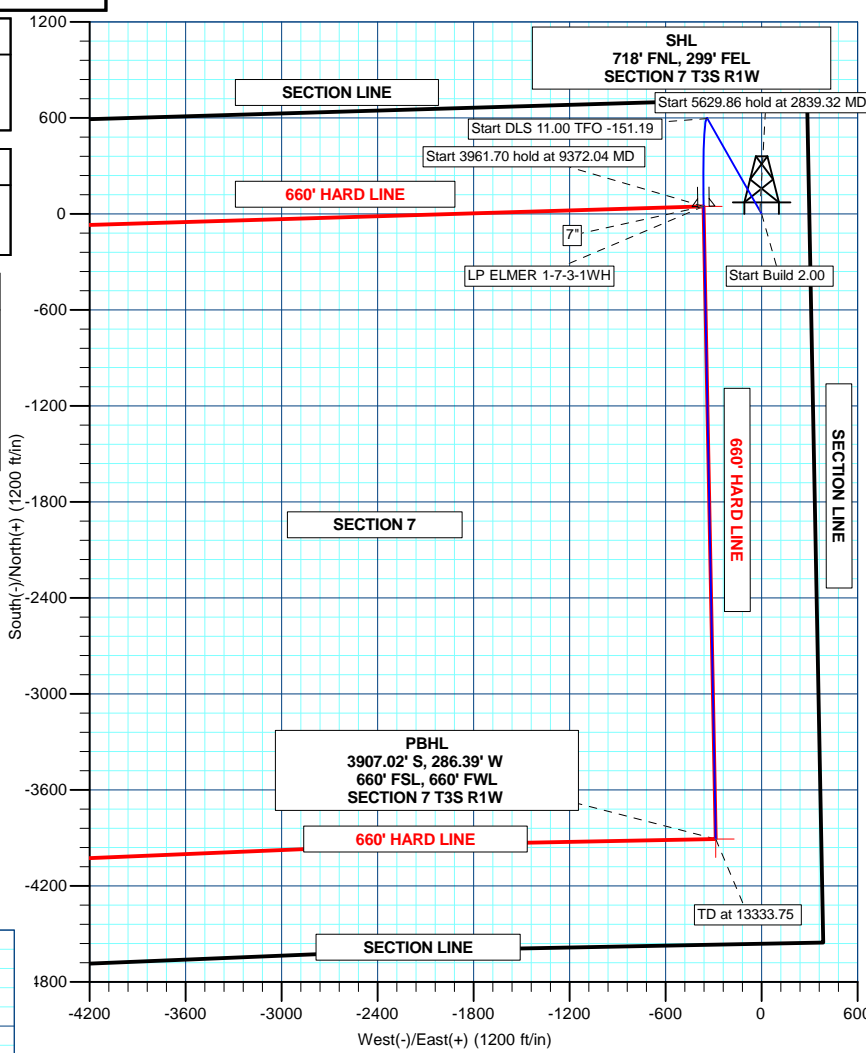
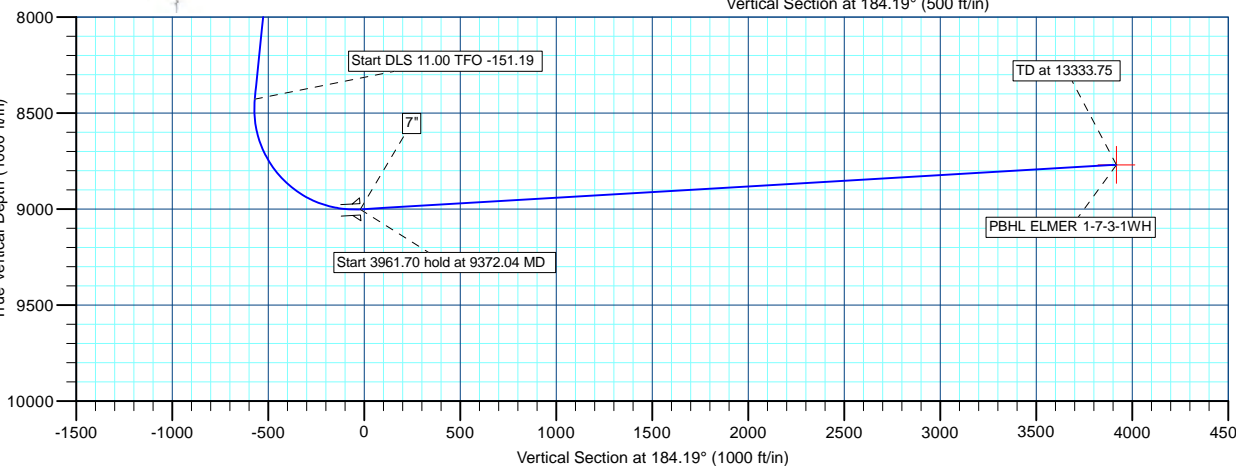
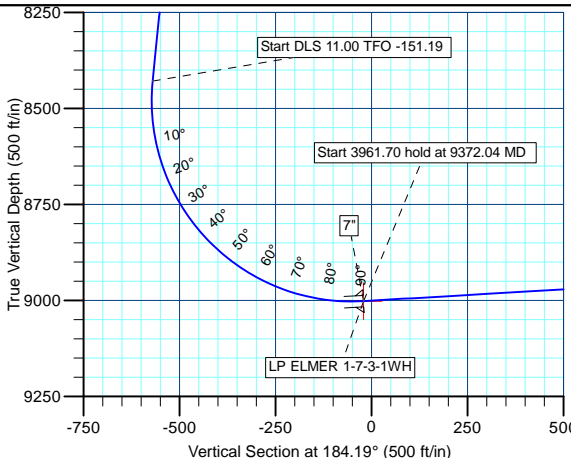
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
2839.32	6.79	330.46	2838.52	17.46	-9.90	2.00	330.46	-16.69	Start 5629.86 hold at 2839.32 MD
8469.17	6.79	330.46	8428.94	596.22	-337.93	0.00	0.00	-569.92	Start DLS 11.00 TFO -151.19
9372.04	93.36	178.90	9002.00	47.16	-361.97	11.00	-151.19	-20.57	Start 3961.70 hold at 9372.04 MD
13333.75	93.36	178.90	8770.00	-3907.02	-286.39	0.00	0.00	3917.50	TD at 13333.75

Azimuths to True North
Magnetic North: 11.23°

Magnetic Field
Strength: 52217.1snT
Dip Angle: 65.91°
Date: 7/16/2012
Model: BGGM2011

CASING DETAILS

TVD	MD	Name	Size
9002.00	9372.04		7" 7



Plan: Design #2 (ELMER 1-7-3-1WH/ELMER 1-7-3-1WH)

Created By: TRACY WILLIAMS Date: 15:07, July 16 2012

RECEIVED JUL 20 2012

NEWFIELD



NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT

ELMER 1-7-3-1WH

ELMER 1-7-3-1WH

ELMER 1-7-3-1WH

Plan: Design #2

Standard Planning Report

16 July, 2012



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Weatherford International Ltd.
Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well ELMER 1-7-3-1WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	WELL @ 5252.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5252.00ft (Original Well Elev)
Site:	ELMER 1-7-3-1WH	North Reference:	True
Well:	ELMER 1-7-3-1WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	ELMER 1-7-3-1WH		
Design:	Design #2		

Project	DUCHESNE COUNTY, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	ELMER 1-7-3-1WH				
Site Position:		Northing:	7,260,358.20ft	Latitude:	40° 14' 32.330 N
From:	Lat/Long	Easting:	2,050,559.59ft	Longitude:	110° 1' 50.420 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	0.94 °

Well	ELMER 1-7-3-1WH					
Well Position	+N/-S	0.00 ft	Northing:	7,260,358.20 ft	Latitude:	40° 14' 32.330 N
	+E/-W	0.00 ft	Easting:	2,050,559.59 ft	Longitude:	110° 1' 50.420 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,234.00 ft

Wellbore	ELMER 1-7-3-1WH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	7/16/2012	11.23	65.91	52,217

Design	Design #2			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	184.19

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,839.32	6.79	330.46	2,838.52	17.46	-9.90	2.00	2.00	0.00	330.46	
8,469.17	6.79	330.46	8,428.94	596.22	-337.93	0.00	0.00	0.00	0.00	
9,372.04	93.36	178.90	9,002.00	47.16	-361.97	11.00	9.59	-16.79	-151.19	
13,333.75	93.36	178.90	8,770.00	-3,907.02	-286.39	0.00	0.00	0.00	0.00	PBHL ELMER 1-7-3-



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well ELMER 1-7-3-1WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	WELL @ 5252.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5252.00ft (Original Well Elev)
Site:	ELMER 1-7-3-1WH	North Reference:	True
Well:	ELMER 1-7-3-1WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	ELMER 1-7-3-1WH		
Design:	Design #2		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	2.00	330.46	2,599.98	1.52	-0.86	-1.45	2.00	2.00	0.00
2,700.00	4.00	330.46	2,699.84	6.07	-3.44	-5.80	2.00	2.00	0.00
2,800.00	6.00	330.46	2,799.45	13.65	-7.74	-13.05	2.00	2.00	0.00
Start 5629.86 hold at 2839.32 MD									
2,839.32	6.79	330.46	2,838.52	17.46	-9.90	-16.69	2.00	2.00	0.00
2,900.00	6.79	330.46	2,898.78	23.70	-13.43	-22.65	0.00	0.00	0.00
3,000.00	6.79	330.46	2,998.08	33.98	-19.26	-32.48	0.00	0.00	0.00
3,100.00	6.79	330.46	3,097.38	44.26	-25.09	-42.31	0.00	0.00	0.00
3,200.00	6.79	330.46	3,196.68	54.54	-30.91	-52.13	0.00	0.00	0.00
3,300.00	6.79	330.46	3,295.98	64.82	-36.74	-61.96	0.00	0.00	0.00
3,400.00	6.79	330.46	3,395.28	75.10	-42.57	-71.79	0.00	0.00	0.00
3,500.00	6.79	330.46	3,494.58	85.38	-48.39	-81.62	0.00	0.00	0.00
3,600.00	6.79	330.46	3,593.88	95.66	-54.22	-91.44	0.00	0.00	0.00
3,700.00	6.79	330.46	3,693.18	105.94	-60.05	-101.27	0.00	0.00	0.00
3,800.00	6.79	330.46	3,792.48	116.22	-65.87	-111.10	0.00	0.00	0.00
3,900.00	6.79	330.46	3,891.78	126.50	-71.70	-120.92	0.00	0.00	0.00
4,000.00	6.79	330.46	3,991.08	136.78	-77.53	-130.75	0.00	0.00	0.00
4,100.00	6.79	330.46	4,090.37	147.06	-83.35	-140.58	0.00	0.00	0.00
4,200.00	6.79	330.46	4,189.67	157.34	-89.18	-150.40	0.00	0.00	0.00
4,300.00	6.79	330.46	4,288.97	167.62	-95.01	-160.23	0.00	0.00	0.00
4,400.00	6.79	330.46	4,388.27	177.90	-100.83	-170.06	0.00	0.00	0.00
4,500.00	6.79	330.46	4,487.57	188.18	-106.66	-179.88	0.00	0.00	0.00
4,600.00	6.79	330.46	4,586.87	198.46	-112.49	-189.71	0.00	0.00	0.00
4,700.00	6.79	330.46	4,686.17	208.74	-118.31	-199.54	0.00	0.00	0.00
4,800.00	6.79	330.46	4,785.47	219.02	-124.14	-209.36	0.00	0.00	0.00
4,900.00	6.79	330.46	4,884.77	229.30	-129.97	-219.19	0.00	0.00	0.00
5,000.00	6.79	330.46	4,984.07	239.59	-135.79	-229.02	0.00	0.00	0.00



Weatherford International Ltd.

Planning Report



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Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	WELL @ 5252.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5252.00ft (Original Well Elev)
Site:	ELMER 1-7-3-1WH	North Reference:	True
Well:	ELMER 1-7-3-1WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	ELMER 1-7-3-1WH		
Design:	Design #2		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,100.00	6.79	330.46	5,083.37	249.87	-141.62	-238.84	0.00	0.00	0.00
5,200.00	6.79	330.46	5,182.67	260.15	-147.45	-248.67	0.00	0.00	0.00
5,300.00	6.79	330.46	5,281.97	270.43	-153.27	-258.50	0.00	0.00	0.00
5,400.00	6.79	330.46	5,381.27	280.71	-159.10	-268.32	0.00	0.00	0.00
5,500.00	6.79	330.46	5,480.57	290.99	-164.93	-278.15	0.00	0.00	0.00
5,600.00	6.79	330.46	5,579.87	301.27	-170.75	-287.98	0.00	0.00	0.00
5,700.00	6.79	330.46	5,679.16	311.55	-176.58	-297.80	0.00	0.00	0.00
5,800.00	6.79	330.46	5,778.46	321.83	-182.41	-307.63	0.00	0.00	0.00
5,900.00	6.79	330.46	5,877.76	332.11	-188.23	-317.46	0.00	0.00	0.00
6,000.00	6.79	330.46	5,977.06	342.39	-194.06	-327.28	0.00	0.00	0.00
6,100.00	6.79	330.46	6,076.36	352.67	-199.89	-337.11	0.00	0.00	0.00
6,200.00	6.79	330.46	6,175.66	362.95	-205.71	-346.94	0.00	0.00	0.00
6,300.00	6.79	330.46	6,274.96	373.23	-211.54	-356.76	0.00	0.00	0.00
6,400.00	6.79	330.46	6,374.26	383.51	-217.37	-366.59	0.00	0.00	0.00
6,500.00	6.79	330.46	6,473.56	393.79	-223.19	-376.42	0.00	0.00	0.00
6,600.00	6.79	330.46	6,572.86	404.07	-229.02	-386.25	0.00	0.00	0.00
6,700.00	6.79	330.46	6,672.16	414.35	-234.85	-396.07	0.00	0.00	0.00
6,800.00	6.79	330.46	6,771.46	424.63	-240.68	-405.90	0.00	0.00	0.00
6,900.00	6.79	330.46	6,870.76	434.91	-246.50	-415.73	0.00	0.00	0.00
7,000.00	6.79	330.46	6,970.06	445.19	-252.33	-425.55	0.00	0.00	0.00
7,100.00	6.79	330.46	7,069.36	455.47	-258.16	-435.38	0.00	0.00	0.00
7,200.00	6.79	330.46	7,168.66	465.75	-263.98	-445.21	0.00	0.00	0.00
7,300.00	6.79	330.46	7,267.95	476.03	-269.81	-455.03	0.00	0.00	0.00
7,400.00	6.79	330.46	7,367.25	486.31	-275.64	-464.86	0.00	0.00	0.00
7,500.00	6.79	330.46	7,466.55	496.59	-281.46	-474.69	0.00	0.00	0.00
7,600.00	6.79	330.46	7,565.85	506.87	-287.29	-484.51	0.00	0.00	0.00
7,700.00	6.79	330.46	7,665.15	517.15	-293.12	-494.34	0.00	0.00	0.00
7,800.00	6.79	330.46	7,764.45	527.43	-298.94	-504.17	0.00	0.00	0.00
7,900.00	6.79	330.46	7,863.75	537.71	-304.77	-513.99	0.00	0.00	0.00
8,000.00	6.79	330.46	7,963.05	547.99	-310.60	-523.82	0.00	0.00	0.00
8,100.00	6.79	330.46	8,062.35	558.27	-316.42	-533.65	0.00	0.00	0.00
8,200.00	6.79	330.46	8,161.65	568.55	-322.25	-543.47	0.00	0.00	0.00
8,300.00	6.79	330.46	8,260.95	578.83	-328.08	-553.30	0.00	0.00	0.00
8,400.00	6.79	330.46	8,360.25	589.11	-333.90	-563.13	0.00	0.00	0.00
Start DLS 11.00 TFO -151.19									
8,469.17	6.79	330.46	8,428.94	596.22	-337.93	-569.92	0.00	0.00	0.00
8,500.00	4.15	307.25	8,459.62	598.48	-339.72	-572.05	11.00	-8.56	-75.27
8,550.00	4.39	227.07	8,509.52	598.28	-342.56	-571.63	11.00	0.48	-160.37
8,600.00	9.04	200.10	8,559.18	593.28	-345.32	-566.45	11.00	9.30	-53.95
8,650.00	14.31	192.02	8,608.13	583.54	-347.96	-556.54	11.00	10.53	-16.16
8,700.00	19.70	188.26	8,655.93	569.14	-350.46	-542.00	11.00	10.78	-7.51
8,750.00	25.14	186.08	8,702.13	550.23	-352.79	-522.97	11.00	10.87	-4.37
8,800.00	30.60	184.63	8,746.32	526.97	-354.95	-499.61	11.00	10.92	-2.89
8,850.00	36.07	183.59	8,788.08	499.58	-356.90	-472.15	11.00	10.94	-2.09
8,900.00	41.54	182.79	8,827.03	468.30	-358.63	-440.83	11.00	10.95	-1.60
8,950.00	47.02	182.14	8,862.81	433.44	-360.12	-405.95	11.00	10.96	-1.29
9,000.00	52.51	181.60	8,895.09	395.30	-361.36	-367.83	11.00	10.97	-1.08
9,050.00	58.00	181.14	8,923.58	354.25	-362.34	-326.81	11.00	10.97	-0.93
9,100.00	63.48	180.73	8,948.01	310.65	-363.04	-283.28	11.00	10.98	-0.82
9,150.00	68.97	180.35	8,968.15	264.91	-363.47	-237.63	11.00	10.98	-0.75
9,200.00	74.46	180.01	8,983.83	217.45	-363.62	-190.29	11.00	10.98	-0.70
9,250.00	79.95	179.68	8,994.90	168.71	-363.48	-141.69	11.00	10.98	-0.66
9,300.00	85.45	179.36	9,001.25	119.14	-363.06	-92.28	11.00	10.98	-0.64
9,350.00	90.94	179.04	9,002.83	69.19	-362.36	-42.51	11.00	10.98	-0.63



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Planning Report



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Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	WELL @ 5252.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5252.00ft (Original Well Elev)
Site:	ELMER 1-7-3-1WH	North Reference:	True
Well:	ELMER 1-7-3-1WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	ELMER 1-7-3-1WH		
Design:	Design #2		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
Start 3961.70 hold at 9372.04 MD - 7" - LP ELMER 1-7-3-1WH									
9,372.04	93.36	178.91	9,002.00	47.16	-361.97	-20.57	11.00	10.98	-0.63
9,400.00	93.36	178.90	9,000.36	19.26	-361.43	7.22	0.00	0.00	0.00
9,500.00	93.36	178.90	8,994.51	-80.55	-359.53	106.62	0.00	0.00	0.00
9,600.00	93.36	178.90	8,988.65	-180.36	-357.62	206.02	0.00	0.00	0.00
9,700.00	93.36	178.90	8,982.79	-280.17	-355.71	305.43	0.00	0.00	0.00
9,800.00	93.36	178.90	8,976.94	-379.98	-353.80	404.83	0.00	0.00	0.00
9,900.00	93.36	178.90	8,971.08	-479.79	-351.90	504.23	0.00	0.00	0.00
10,000.00	93.36	178.90	8,965.23	-579.60	-349.99	603.64	0.00	0.00	0.00
10,100.00	93.36	178.90	8,959.37	-679.41	-348.08	703.04	0.00	0.00	0.00
10,200.00	93.36	178.90	8,953.51	-779.22	-346.17	802.44	0.00	0.00	0.00
10,300.00	93.36	178.90	8,947.66	-879.03	-344.26	901.85	0.00	0.00	0.00
10,400.00	93.36	178.90	8,941.80	-978.84	-342.36	1,001.25	0.00	0.00	0.00
10,500.00	93.36	178.90	8,935.95	-1,078.65	-340.45	1,100.65	0.00	0.00	0.00
10,600.00	93.36	178.90	8,930.09	-1,178.46	-338.54	1,200.06	0.00	0.00	0.00
10,700.00	93.36	178.90	8,924.23	-1,278.27	-336.63	1,299.46	0.00	0.00	0.00
10,800.00	93.36	178.90	8,918.38	-1,378.08	-334.73	1,398.87	0.00	0.00	0.00
10,900.00	93.36	178.90	8,912.52	-1,477.89	-332.82	1,498.27	0.00	0.00	0.00
11,000.00	93.36	178.90	8,906.67	-1,577.70	-330.91	1,597.67	0.00	0.00	0.00
11,100.00	93.36	178.90	8,900.81	-1,677.51	-329.00	1,697.08	0.00	0.00	0.00
11,200.00	93.36	178.90	8,894.95	-1,777.32	-327.09	1,796.48	0.00	0.00	0.00
11,300.00	93.36	178.90	8,889.10	-1,877.13	-325.19	1,895.88	0.00	0.00	0.00
11,400.00	93.36	178.90	8,883.24	-1,976.94	-323.28	1,995.29	0.00	0.00	0.00
11,500.00	93.36	178.90	8,877.39	-2,076.75	-321.37	2,094.69	0.00	0.00	0.00
11,600.00	93.36	178.90	8,871.53	-2,176.56	-319.46	2,194.09	0.00	0.00	0.00
11,700.00	93.36	178.90	8,865.67	-2,276.37	-317.56	2,293.50	0.00	0.00	0.00
11,800.00	93.36	178.90	8,859.82	-2,376.18	-315.65	2,392.90	0.00	0.00	0.00
11,900.00	93.36	178.90	8,853.96	-2,475.99	-313.74	2,492.31	0.00	0.00	0.00
12,000.00	93.36	178.90	8,848.11	-2,575.80	-311.83	2,591.71	0.00	0.00	0.00
12,100.00	93.36	178.90	8,842.25	-2,675.62	-309.93	2,691.11	0.00	0.00	0.00
12,200.00	93.36	178.90	8,836.39	-2,775.43	-308.02	2,790.52	0.00	0.00	0.00
12,300.00	93.36	178.90	8,830.54	-2,875.24	-306.11	2,889.92	0.00	0.00	0.00
12,400.00	93.36	178.90	8,824.68	-2,975.05	-304.20	2,989.32	0.00	0.00	0.00
12,500.00	93.36	178.90	8,818.82	-3,074.86	-302.29	3,088.73	0.00	0.00	0.00
12,600.00	93.36	178.90	8,812.97	-3,174.67	-300.39	3,188.13	0.00	0.00	0.00
12,700.00	93.36	178.90	8,807.11	-3,274.48	-298.48	3,287.53	0.00	0.00	0.00
12,800.00	93.36	178.90	8,801.26	-3,374.29	-296.57	3,386.94	0.00	0.00	0.00
12,900.00	93.36	178.90	8,795.40	-3,474.10	-294.66	3,486.34	0.00	0.00	0.00
13,000.00	93.36	178.90	8,789.54	-3,573.91	-292.76	3,585.75	0.00	0.00	0.00
13,100.00	93.36	178.90	8,783.69	-3,673.72	-290.85	3,685.15	0.00	0.00	0.00
13,200.00	93.36	178.90	8,777.83	-3,773.53	-288.94	3,784.55	0.00	0.00	0.00
13,300.00	93.36	178.90	8,771.98	-3,873.34	-287.03	3,883.96	0.00	0.00	0.00
TD at 13333.75 - PBHL ELMER 1-7-3-1WH									
13,333.75	93.36	178.90	8,770.00	-3,907.02	-286.39	3,917.50	0.00	0.00	0.00



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Project:	DUCHESNE COUNTY, UT	MD Reference:	WELL @ 5252.00ft (Original Well Elev)
Site:	ELMER 1-7-3-1WH	North Reference:	True
Well:	ELMER 1-7-3-1WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	ELMER 1-7-3-1WH		
Design:	Design #2		

Design Targets**Target Name**

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
PBHL ELMER 1-7-3-1	0.00	0.00	8,770.00	-3,907.02	-286.39	7,256,447.01	2,050,337.42	40° 13' 53.718 N	110° 1' 54.113 W
- plan hits target center									
- Point									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
9,372.04	9,002.00	7"	7	8-3/4

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
2,500.00	2,500.00	0.00	0.00	Start Build 2.00
2,839.32	2,838.52	17.46	-9.90	Start 5629.86 hold at 2839.32 MD
8,469.17	8,428.94	596.22	-337.93	Start DLS 11.00 TFO -151.19
9,372.04	9,002.00	47.16	-361.97	Start 3961.70 hold at 9372.04 MD
13,333.75	8,770.00	-3,907.02	-286.39	TD at 13333.75

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BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By
Branden Arnold Phone Number 435-401-0223
Well Name/Number Elmer 1-7-3-1WH
Qtr/Qtr NE/NE Section 7 Township 3S Range 1W
Lease Serial Number Patented
API Number 43-013-51400

Spud Notice – Spud is the initial spudding of the well, not drilling
out below a casing string.

Date/Time 7/6/12 9:00 AM PM

Casing – Please report time casing run starts, not cementing
times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 7/6/12 3:00 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time _____ AM PM

Remarks _____

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
 ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

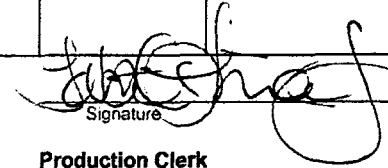
OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400	4301350771	GMBU F-29-8-17	NENE	30	8S	17E	DUCHESNE	7/17/2012	7/13/12
WELL 1 COMMENTS: GRRV BHL: S29 SWNW											
B	99999	17400	4301350778	GMBU B-30-8-17	NENE	30	8S	17E	DUCHESNE	7/16/2012	7/13/12
GRRV BHL: hwnu											
A	99999	18624	4301351400	ELMER 1-7-3-1WH	NENE	7	3S	1W	DUCHESNE	7/9/2012	7/13/12
Completed											

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Div. of Oil, Gas & Mining


 Signature

Tabitha Timothy

Production Clerk

07/19/12

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. WELL DESIGNATION AND SERIAL NUMBER: 1-7-3-1WH
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA. AGREEMENT NAME: UINTA CB-BASAL CARB
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		8. WELL NAME and NUMBER: ELMER 1-7-3-1WH
4. LOCATION OF WELL: 718 FNL 299 FEL FOOTAGES AT SURFACE:		9. API NUMBER: 4301351400
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 7, T3S, R1W		10. FIELD AND POOL, OR WILDCAT: UINTA CENTRAL BASIN
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/09/2012	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 7/6/12 MIRU Ross #29. Spud well @8:00 AM. Drill 63' of 17 1/2" hole with air mist. TIH W/ 2 Jt's 14" H-40 36.75# csgn. Set @ 81. On 7/9/12 cement with 90 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 9.5 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Branden Arnold TITLE _____
SIGNATURE *Brand Arnold* DATE 08/07/2012

(This space for State use only)

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DIV. OF OIL, GAS & MINING

Casing / Liner Detail

Well Elmer 1-7-3-1WH
Prospect Central Basin
Foreman
Run Date:
String Type Surface, 9.625", 36#, J-55, LTC (Generic)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
2,526.43			18' KB		
2,525.01	1.42		Wellhead		
2,526.43	-2.00	-1	Cutt Off	9.625	
18.00	2459.45	57	9 5/8 Casing	9.625	
2,477.45	1.43	1	Float	9.625	
2,478.88	44.20	1	Shoe Joint	9.625	
2,523.08	1.93	1	Guide Shoe	9.625	
2,525.01			-		

Cement Detail

Cement Company: BJ

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft³)	Description - Slurry Class and Additives
	100	15.8	1.17	117	Class G+2%kcl+.25#CF Top out
Slurry 2	200	15.8	1.17	234	Class G+2%kcl+.25#CF
Slurry 1	430	12.5	1.97	847.1	Plii 2%cacl2+1/4#skcf6%gell0.5%sm 5#blsf

Stab-In-Job?	No	Cement To Surface?	Yes
BHT:	0	Est. Top of Cement:	0
Initial Circulation Pressure:		Plugs Bumped?	Yes
Initial Circulation Rate:		Pressure Plugs Bumped:	1095
Final Circulation Pressure:		Floats Holding?	No
Final Circulation Rate:		Casing Stuck On / Off Bottom?	No
Displacement Fluid:	Water	Casing Reciprocated?	No
Displacement Rate:		Casing Rotated?	No
Displacement Volume:	190.2	CIP:	20:02
Mud Returns:		Casing Wt Prior To Cement:	
Centralizer Type And Placement:		Casing Weight Set On Slips:	

Middle of first, top of second and every other for a total of six..

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OFFICE NO. 104-0137
Expires: July 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.,
 Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 718' FNL & 299' FEL (NE/NE) SEC. 7, T3S, R1W

At top prod. interval reported below 830' FNL & 944' FEL (NE/NE) SEC. 7, T3S, R1W

At total depth 813' FSL & 609' FEL (SE/SE) SEC. 7, T3S, R1W

14. Date Spudded
07/06/2012

15. Date T.D. Reached
09/17/2012

16. Date Completed 10/14/2012
 D & A Ready to Prod.

9. AFI Well No.
43-013-51400

10. Field and Pool or Exploratory
WILDCAT

11. Sec., T., R., M., on Block and
Survey or Area SEC. 7, T3W, R1W

12. County or Parish

DUCHESNE

13. State

UT

17. Elevations (DF, RKB, RT, GL)*
5234' GL 5252' KB

18. Total Depth: MD 13094'
TVD 8765'

19. Plug Back T.D.: MD 12999'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8" J-55	36#	0	2524'		430 PREMLT II 300 CLASS "G"			
8-3/4"	7" P-110	26#	0	9391'		650 VERSCEM 630 BONDCEM		1944'	
6-1/8"	4-1/2" P-110	13.5#	8429'	13090'		310 ELASTISL 50 ELASTISL			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT @ 8369'	Hornet @ 8350'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River Wasatch	9410' MD	12940' MD	9410-12940' MD	0.39"	526	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
9410-12940' MD	Frac w/ 668484#s 30/50 white sand and 127693#s 100 mesh; 39566 bbls Lightning 17 fluid; 19 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/15/12	10/25/12	24	→	417	236	198			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD AND USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH DOUGLAS CREEK	3813' 8005'
				BI-CARBONATE B LIMESTONE	8264' 8474'
				CASTLE PEAK BASAL CARBONATE	8709' 9083'
				wasatch	9034

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

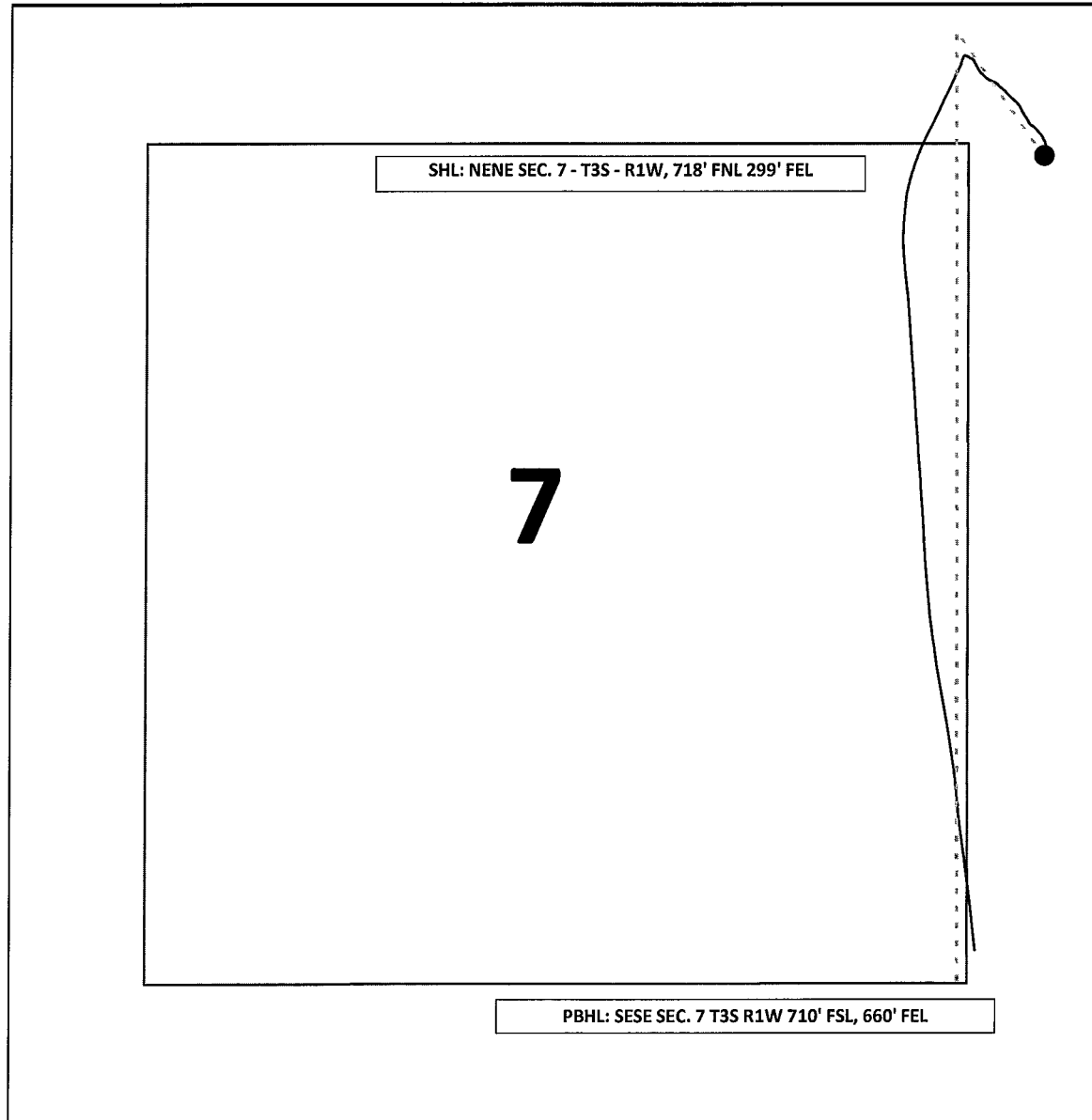
- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other: Daily Completion Report

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

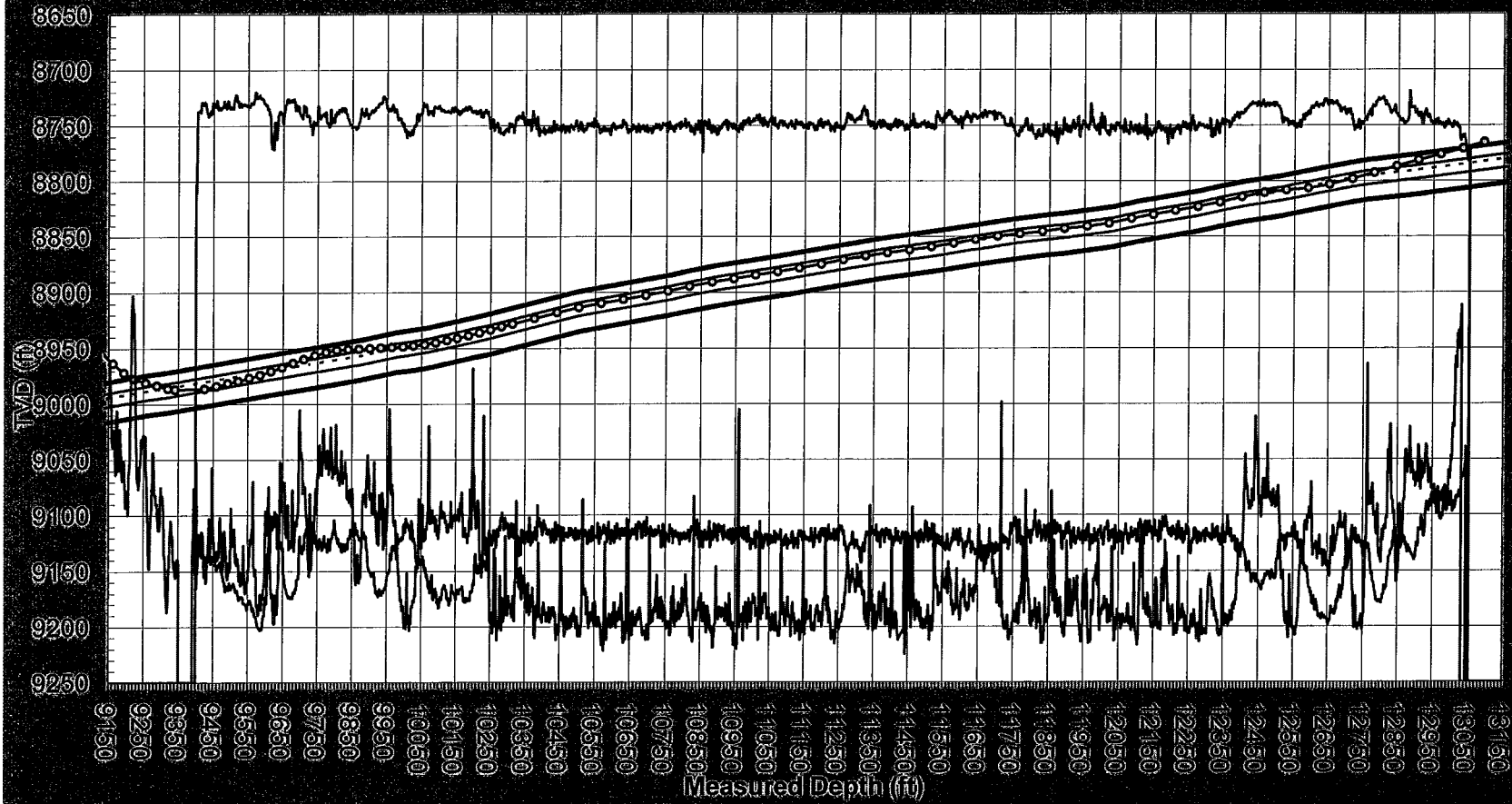
Name (please print) Jennifer Peatross Title Production Technician
 Signature *J Peatross* Date 11/16/2012

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WELL LOCATION
NEWFIELD EXPLORATION
ELMER 1-7-3-1WH



LATERAL PROFILE
NEWFIELD EXPLORATION
ELMER 1-7-3-1WH



- | | | | | |
|----------------|-------------------|-------------|---------------|-------------------|
| Well Bore | Top of BSCARB 'C' | Top Of Zone | BSCARB Target | Top of BSCARB 'D' |
| Bottom Of Zone | Projected Targets | GAMMA | NPHI X 2 | RHOB x 50 |

Client: NEWFIELD PRODUCTION COMPANY

Directional: WEATHERFORD

Dates: 08/01/2012 -

Calculation Method

Minimum Curvature

Proposed Azi. 184.19



County/State: DUCHESNE, UTAH

Surface Location: 718' FNL, 299' FEL

Main Lateral

Well Name: Elmer 1-7-3-1WH

Drill Rig: PIONEER #62

Depth Reference: GL: 5234' / KB: 5252'

Target Angle = 93.00

Target TVD = 8,986'

SPUD Date: 08/02/2012

Geologist: MATT DENZER / FRANKLIN HUGHES

BHA =

GTB =

PTB =

Table with 17 columns: Tool Type, BR, BRN, Survey Depth, Incl (°), Azi (°), CL (ft), TVD (ft), VS (ft), Coordinates (N/S, E/W), Closure (Dist, Ang), DLS, Bid Rate, Wk Rate, BRN. Rows include Tie-in, MWD, and various depth intervals.

Client: NEWFIELD PRODUCTION COMPANY

Directional: WEATHERFORD

Dates: 08/01/2012 -

Calculation Method

Minimum Curvature

County/State: DUCHESNE, UTAH

Surface Location: 718' FNL, 299' FEL

Proposed Azi = 184.19

Main Lateral

Target Angle = 93.00

Target TVD = 8,986'



Well Name: Elmer 1-7-3-1WH

Depth Reference: GL: 5234' / KB: 5252'

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SPUD Date: 08/02/2012

Geologist: MATT DENZER / FRANKLIN HUGHES

BHA =

GTB =

PTB =

Table with columns: Tool Type, BR, BRN, Survey Depth, Incl, Azi, CL, TVD, VS, Coordinates (N/S, E/W), Closure (Dist, Ang), DLS, Bid Rate, Wlk Rate, BRN. Rows include MWD and PRJ data points.

Daily Activity Report

Format For Sundry

ELMER 1-7-3-1WH

8/1/2012 To 12/30/2012

9/19/2012 Day: 1

Completion

Rigless on 9/19/2012 - Prep to cleanout operations - Hold PJSM. Hammer have back hoe dress and clean location. Placed gravel in cellar and fill mouse hole. Set Outback office trailer and Pot-a-Pots. MIRU B&G crane and install Cameron wellhead. Test void 5000 psi. and test wing valves 250 psi low and 10,000 psi high. 5min and 10 min. all tested good. Install FMC 10k manual frac valve and test 250 low and 5,000 psi high. All test charted on file.

Daily Cost: \$0

Cumulative Cost: \$9,234

9/20/2012 Day: 2

Completion

Rigless on 9/20/2012 - Run CBL - Conduct PJSM, MIRU The Perforators WLU and Weatherford test unit. - Conduct PJSM, test WL lube and RIH W/3.71" GR and JB to 8,650'. POOH and PU CBL. RIH and make a short pass from 8,650' up to 8,250' with no pressure. RBIH and pull main log from 8,520' to surface with 1,500 psi. TOC at 1,939'. OOH and RDMO.

Daily Cost: \$0

Cumulative Cost: \$24,070

9/21/2012 Day: 3

Completion

Rigless on 9/21/2012 - MIRU WOR run 4.5" Frac string. - Pressure test BOPs 250 psi low and 5000 psi high. Complete Test on Flow control iron 250 psi low and 8,000 psi high. - Conduct PJSM, PU Seal Bore Assy, 1 jt of 4.5" 13.5# csg and 3.775" QN profile nipple. Continue with 4.5" 13.5# csg in hole. AT report time at 3,450'. - Hold PJSM with all personnel on location. MIRU Western Well Service unit and NU Night Oil 7 1/16 x 10k BOPs with dual valves loaded with blind rams and 4.5" pipe rams, 7 1/16" 10k flow cross with dual valves, 7 1/16" x 10k single with 4.5" pipe rams and 7 1/16" x 5k annular bop.

Daily Cost: \$0

Cumulative Cost: \$53,084

9/22/2012 Day: 4

Completion

Rigless on 9/22/2012 - Tie back 4.5" Frac string and TIH with 2 3/8" tbg for clean out and abrasive perforate. - RU and RIH w/ 2 7/8" PH-6 5.95# tbg w/ BHA as follows: Weatherford 4 blade Junk Mill-3.741" OD x 1.250" ID x 1.60' Length, X-over Sub 3.063" OD x 1.250" ID x .99' Length, FlowMax Perforator 3.66" OD x 2.30' Length, DBPV Sub 2.875" OD x 1.00" ID x 1.72' Length, X-over Sub 2.875" OD x 1.250" ID x .79' Length, 1-Jt 2 7/8" 5.95# PH-6 Tbg, XN Nipple - Pressure test 2 3/8" pipe rams to 9500 psig for 10 min ea. RD Weatherford testing. - Pulled 4.5" pipe rams out of BOPs. Changed out rams with 2 3/8" pipe rams. - Pressure tested 4.5" annulus to 3,500 psi for 30 min with no leak off. RU on 4.5" casing and pressure tested to 9,900 psi with 150 psi loss in 30 min. Test good. - Conduct PJSM, MIRU Weatherford pump unit. Circulate well with 300 bbls of bio and packer fluid. SD Pump and RU to sting in PBR w/ Seal Bore Assembly. - Attempted to tag up on PBR, weight indicator not working properly. WO WWS for new weight indicator. - Continue to TIH with 4.5" 13.5# csg to 8,436'. PU and lay down 1 jt and prepare to circulate well with 300 bbls of treated water (Biocide and packer fluid). - Conduct PJSM, PU 2 3/8" 5.96# P-110 PH6 tbg and TIH. At report

time we are at 5,730' circulating bottoms up (76 bbls). - Replace weight indicator and tag up on PBR w/ seal bore assembly w/ 6K on indicator. Seated SBA w/ +-60K on indicator and determined an additional 4' x 4 1/2" 13.5 sub was needed to land casing in hanger. WO sub to be delivered. Spaced Frac string as follows. 17.08' length x 5.836" Max OD Seal assembly, 1 jt 4.5" 13.5# P-110, 1.65" length x 3.775" ID QN Nipple, 194 jts 4.5" 13.5# P-110, 1-10' x 4.5" 13.5# P-110 sub, 2-8' x 4.5" 13.5# P-110 subs, 1-6' x 4.5" 13.5# P-110 sub, 2-4' x 4.5" 13.5# P-110 subs, 1 jt 4.5" 13.5# P-110, 4.5" extended neck hanger.

Daily Cost: \$0

Cumulative Cost: \$89,522

9/23/2012 Day: 5

Completion

Rigless on 9/23/2012 - Clean out and abrasive perforate lower cluster. - Continue to TIH w/ 2 3/8" tbg for CO/abrasive perforating. 06:30: Tag up at 12,668'. PU swivel to begin milling. - Circ hole clean @ 2 BPM and +- 2000 psig. LD swivel and 1 single. RU to perforate w/ Flowmax Perforator - Started cleaning out cement streamers in casing at 12,668' with 403 jts in hole. Continued in hole reaming casing down to FC @ 12,996' according to casing tally. Tagged bottom at 12,996' tubing measurement with 414 jts 2 3/8" 5.95# PH-6 tubing in hole. - Made multiple attempts to open sleeve on perforating tool. Tried various rates from 2.5-3.5 BPM w/ no success. Pumped viscous sweep, saw pressure increase as sweep hit bottom. Pressure gradually decreased and it was determined that tool wa still not open to perforating ports. Circulating hole bottoms up. - POOH w/ 2 3/8" PH-6 Tbg and BHA to surface to change out Flowmax Perforating tool w/ Tool #2. - OOH with Weatherfords Flowmax Abrasive perforator--Found that a sandjet perf nozzle had failed and was missing from tool. PU replacement Flomax perforator and remaining BHA as listed: PU and RIH w/ 2 7/8" PH-6 5.95# tbg w/ BHA Weatherford 4 blade Junk Mill-3.741" OD x 1.250" ID x 1.60' Length, X-over Sub 3.063" OD x 1.250" ID x .99' Length, FlowMax Perforator 3.66" OD x 2.30' Length, DBPV Sub 2.875" OD x 1.00" ID x 1.72' Length, X-over Sub 2.875" OD x 1.250" ID x .79' Length, 1-Jt 2 7/8" 5.95# PH-6 Tbg, XN Nipple. - Conduct PJSM, TIH w/above BHA and 2 3/8" 5.95# tbg at report time.

Daily Cost: \$0

Cumulative Cost: \$119,818

9/24/2012 Day: 6

Completion

Rigless on 9/24/2012 - Abrasive perforate and DFIT - Conduct PJSM, Prepare sand hopper and pump equipment for perforating. Establish rate and shift tool. Line out rate at 2 bpm and start 1 ppg 20/40 sand and perforate lower cluster at 12,940'. Perforation completed and wash back to 12,993'. - Conduct PJSM, NU FMC 10K 4 1/16" Frac stack. Test 250 low and 10,000 psi high--OK. Pull 2 way check and prepare Baker equipment for PIT and DFIT. - Circulate well at 2 bpm with 1,235 psi for 300 bbls sending two 25 bbls sweeps with 20 bbl spacers. - POOH w/ 151 singles 2 3/8" PH-6 Tbg (+- 8400) and stopped. Currently circulating hole @ 2.5 BPM @ 1800 PSIG. Flowback holding +- 500 PSIG on annulus w/ 32/64" choke. Circulate bottoms up and continue POOH. While POOH had Weatherford load csg with fluid until completely out of hole with tubing. RD Weatherford pump truck and released. - ND Knight Oil Annular BOP and flow cross and single BOP. RU Cameron to set plug in hanger. Set plug and continued to ND Double BOP and 10k manual frac valve. - Conduct PJSM, RU Baker pump to well and conduct PIT as follows: SICP: 1,127 psi. 3.2 bpm at 5,393 psi we were pumping into with no visible break. Increase rate to 4.8 bpm at 6,100 psi with 20 bbls pumped. At 25 bbls pumped: 4.8 bpm at 7,231 psi. At 30 bbls pumped : 4.8 bpm at 7,350 psi. At 35 bbls pumped 6,800 psi. At 40 bbls pumped: 4.8 bpm at 6,468 psi. SD--ISIP: 5,690 psi, 5 min: 4,241 psi, 10 min: 4,164 psi, 15 min: 4,111 psi. SI well and secure. RDMO baker and SDFN. - Continue to TIH with 2 3/8" 5.95# tbg and abrasive perforator to 12,940'.

Daily Cost: \$0

Cumulative Cost: \$168,263

9/25/2012 Day: 7

Completion

WWS #5 on 9/25/2012 - DFIT - Performing DFIT. - Hold PJSM Move Western Well Service WOR off location. Load out tubing and racks and send to Runners . DFIT gauges in place and wellhead has fencing in place.

Daily Cost: \$0

Cumulative Cost: \$185,405

9/29/2012 Day: 8

Completion

Rigless on 9/29/2012 - RU Baker Frac. WL and FB to RU on Sunday 9/30. - Baker RU for Frac. Well on DFIT. Frac scheduled for Monday, 10/1/12 - On Location. WO Baker Frac crew for RU - Baker Frac on location RU for frac. RU just short of WH-WOO as to when to RD DFIT gauges - Well on DFIT-Waiting on Frac

Daily Cost: \$0

Cumulative Cost: \$189,690

9/30/2012 Day: 9

Completion

Rigless on 9/30/2012 - RU WL and FB in preparation for Frac on 10/1 - WL and FB on location RU. RU WL to RIH w/ CCL/CBL and perf rest of Stg 1 perfs. Well remaining on DFIT till AM 10/1/2012. - WO WL and Frac crews - On Location-Waiting on WL and FB. - Well on DFIT until AM 10/1.

Daily Cost: \$0

Cumulative Cost: \$201,045

10/1/2012 Day: 10

Completion

Rigless on 10/1/2012 - RIH with Perf Guns - Pump Acid- and Attempt topump guns to Perf stage 1 - WL out of hole -Pump back into Well 7 BPM 8930-9017 psi & Able to hold rate and pressure Start back in on Acid Pump 20 BBL 28% Acid - Acid on Perfs slight pressure drop 8950 psi& Increase rate 8.5 BPM pressure slowly increase to 9281 and climbing & drop rate back to 7 bpm and Holding at 8900 psi . Total Fluid pumped 437 BBLs. - Currently POOH with WL and getting ready to flow back well at ½ BPM & 1 WB - Vol and re attempt pump acid back into Formation. - At TOL 8439 feet - RIH to 8600 ft. bring on Baker Frac pumps 3 Bpm 7190 Psi pumped 16.5 BBL Fluid well pressured out 8800 psi shut down at depth 9200 ft. & 72 Degrees in Formation bleed down to 5000 psi bring back up rate to 4 BPM and 6 BPM well pressured up both times 9200 psi- Total fluid pumped 32BBL WL Rates 160 Ft/Min to 100 FT/Min- Line tension 1300 to 400 - RU WL to RIH w/ Guns and dummy plug for attempt at pumpdown. Spent 1.5 hours working tool past tree.WH pressure 4100 psig. - On Loc- Baker/WL/FB arrive on location. Remove DFIT gauges from WH and shut down gauges. - Baker/WL/FB RU to WH for frac. Hold PJSM emphasis on pressure, chemical safety, trips, falls. Pressure test lines and WH as per procedure. Pressure test FMC tree - 4-1/16" 10K "UPPER MASTER"Manual Frac Valve is leaking on valve stem. - WO FMC to arrive on loc. To make repairs on tree. - Running back in hole with WL another attempt to pump guns to Bottom - WL BHA 2 Guns -1 Weight Bar and setting tool - Well open @ 3300 psig -St pumping Injection Test. Worked rate up to 5.5 BPM and 9300 psig. At 75 BBL out ran 12 BBL of 15% HCL- no appreciable break when acid hit bottom. Pumped additional 135 BBL- no visible break. At 405 BBL out - again, no appreciable break in formation or rate. Pumped additional 108 BBL and SD pumps. WOO. - Repairs on tree complete. Test Valve/Tree-OK. Finish testing all treating and

FB lines to 9900 psig and hold for 5 minutes. OK. Set pop-off @ 9470 psig. Pump Backside pressure to 3020 psig. Open well @ 1255 hrs-3300 psig on WH.

Daily Cost: \$0

Cumulative Cost: \$259,629

10/2/2012 Day: 11

Completion

Rigless on 10/2/2012 - Continue to RIH with WL to perf Stage 1- Perf stage 1 - RIH with Bond log tools Stuck Pulled out of rope socket- waiting on Coil Unit - Waiting On Coil Unit -ETA 08:00 am in the morning - Release Vendors - Currently OOH with all of WL Cable Clean Pull out of rope Socket - Still in Hole Cable head and tool sting still in well bore BHA as follows - Cable head OD 1.44 X 1.03 Ft 2.75 weight Bar OD 3.00 X 5 Ft Centralizer OD 2.75 X 2.73 Ft - 2 3/4 Bond Log tool OD 2.75 X 9.13 Ft - Centralizer OD 2.75 X 2.73 Ft - CCL OD 2.75 X 1.81 FT- Gamma Ray Tool OD 2.75 X 3.68 FT- Centralizer OD 2.75 X 2.73 Ft Pump Down Ball OD 3.50 X 1.33 ft. Length 30.17 Ft - Attempting to Surge guns out of hole, Pressured well to 5000 psi pull 400 over line weight to 1900 Lbs. Surged well no Movement Tools Pressured well up to 6000 psi 900 over line weight at 2400 lbs. surged well got guns to move from 8771-8713 58 Feet Built pressure back to 6000 psi and Line weight 900 over psi CCL stopped recording Possible Left tools Down Hole at 8700 Ft - Depth 8820 Feet lost line tension- Shut down Pulled 800 lbs. over 2300 Lbs. POOH stuck again pulled 2500 Lbs. POOH Currently at Depth 8771 pulling 2800 Lbs. 1300lbs over line weight Stuck depth 8771 - Current Depth 8738 Feet start Pumping 3 -6 BPM 5140 -5800 Psi LT 1500 Line Speed 155 FT/Min - Resume operations to run CBL Log At Liner top 8439 Feet .WH Pressure 4060 Psi - Currently POOH to surface w/ WL tools. All tools intact and all shots fired. RU Baker to run injection test prior to RIH w/ CBL. - Held PJSM. RU WL for pump down. Test to 8800 Psi. OK. RIH. Pump down with max pump rate of 9.6 bpm @ 9,294 Psi. Perforate remaining 2 clusters Stage 1 at 12935-12930'. Final pressure of 5872 psi & falling. 3 1/8 guns at 60 degrees, 9 spf, 18 holes. POOH. All shots fired. - Decision to sweep hole clean w/ gel sweeps. RU to run X-link gel sweeps. Ran 2 sweeps for a total of +- 520 BBL and shut down w/ an avg. pump rate of 8.9BPM @ 8900-9100 psig. SD pumps and RU WL for 2nd attempt @ pumpdown of perforating tool. - WOO - Still flowing back well to maintain pressure 1,000 psi 1/4 BBL/Min- Over 1/4 Bbl. WH psi drop to 0 - Flow well back 1/2 - 1/4 bpm 4400-1000 psi on 12/64 choke for 2.5 hrs. approx. 30 bbls flow back at 06:00 am - OOH with WL to inspect tools OD setting sleeve 3.65 OD - WL Re head - let pressure fall off 5000 psi start to POOH WL Pulling Sticky 9450 Ft 90 DEG To 8850 feet 35 DEG-Pump 1 bpm 5000 to 6770 psi for 15 minutes ADD fluid 10 BBL POOH with WL - At TOL 8439 Ft WH Psi 4066 Psi -Bring on Pumps 2 bpm 8600 Ft 17 DEG 5300 psi 200 Ft/Min-LT 850 4 bpm 8800 Ft 6500 psi 200 Ft/Min LT 711 - 7 BPM 9450 Ft 90 DEG 200 132 Ft/Min LT 642 327 Ft/Min well- Max depth reached 9450 Feet 90 DEG - Pressured out Pumped 34 BBL fluid - RIH with WL to Attempt to pump Guns down hole for Stage 1

Daily Cost: \$0

Cumulative Cost: \$272,636

10/3/2012 Day: 12

Completion

Rigless on 10/3/2012 - Rid down equip from WH wait for coil -Dec made to fish with WL Jaring fish out of hole - 00:00 Current depth 8,347 Ft Jared tool 18 times Lost weight only weighing 1,100 lbs. -looks like sheared off tool POOH with WL Re Head and switch out Jars 22:20 Current depth 8,347 Ft Pulling 2900 lbs. Jared 28 times -Got free and pulled another 26 feet - 21:00 - Current Depth 8373 ft. Estimating Overshot and centralizer at QN nipple at 8408 Ft in well. ID QN Nipple 3.775 Over shot OD 3.750 20:40 - Current Depth 8,373. Still Jarring on tools pulling Max 2900 Lbs. working tools 19:40 - Current Depth 8,378. Bleed well down to 3000 psi, Jared 22 times made 5 feet in 1 Hr. 18:40 - Current Depth 8,379. Jared 25 times and pulled free to 8,378. - Rig down Baker iron and trucks

from well Head & Rig down WL and Move equipment & Release vendors from Location - Cudd Coil Joe Strasburg 435-231-4658 Plan on location at 08:00 AM Wfd Fishing Tools Andy 435-790-8508 Call In AM Be here at 10:00 AM - JW WL and Delsco on location. Conduct PJSM, MIRU equipment, check well pressure (4,100 psi) and get measurements. Will need additional 10K lube. Wait for 45 min. PU Fish tool string BHA: Overshot: 22 3/8" length, 3 3/4" OD, 3 1/8" ID. 2-sub at 3 1/8" ID X 18" long. Additional subs 3 1/8" OD. Connector tool: 1 7/8" OD. Spang Jars, Oil Jars, 2-weight bars and Cable head assy. Fishing BHA 27.5" length. Fish (RCBL) is 30.17". - While on stand by for Coil unit, decision was made to retrieve fish with JW WLU. Called out JW WL and Delsco fishing BHA. - Conduct PJSM, SICP: 4,100 psi and RIH. Tag at 8,764". String weight with Fish is 1,800#. Caught fish and PU with 2,800-3,000# to set jars off. 1K to 1.2K over string weight. Jared 3 times and pulled free to 8,660". Jared 3 times pulled free to 8,530". Jared 8 times and pulled free to 8,485". Jared 7 times and pulled free to 8,441". Jared 7 times and pulled free to 8,396". Jared 7 times and pulled free to 8,379". We are currently jarring now.

Daily Cost: \$0

Cumulative Cost: \$279,216

10/4/2012 Day: 13

Completion

Rigless on 10/4/2012 - POOH with Fishing tools -Re Head WL -Repace Jars and RIH Pull Fish OOH - Re perf Zone 1 - Frac stage 1 - RIH WL ,Halliburton 4 1/2 Obsidian Bridge plug - Start Zone 1 Pumped 37% Sand Rate at 32 BPM high Psi Open WH 4590 psi-N2 1760 psi -Break at 7,360 @ 7-18 BPM Start Acid & NO SD or ISIP - Start Pad @ 32 BPM @ 8,500 -9,255 psi. & Sand 4168 100 Mesh 6807 30/50 - Fluid Slick-water Frac -Total Fluid Ran 1601 BBL- ISIP 7,227 FG 1.26 -5min 6,067 -10 min 5,502- 15 min 5,148 - 20:35 & POOH with Guns after Re Perforating Stage 1 Again & Top Perf 12,886 all shots fired & Turn well over to Baker -Crew Change - psi test WH 9800 Psi - N2 1760 psi -Prepare for stage 1. - Held PJSM. RU WL for pump down. Test to 9,500 Psi. OK. RIH. Pump down with max pump rate of 9.3 bpm 8,270 Psi. ok, Re-Perforate Stage 1 at (12,886'-12,894.5') Final pressure of 6,779 psi & Falling. 3 1/8" guns at 60 degrees, 3 spf, three 1.5' guns 27 holes. POOH, all shots fired. - Held PJSM. RU WL for pump down. Bleed well down from 6,353 psi down to 4,000 psi to be able to RIH with gun string. Test to 9,500 Psi. OK. - Location Safety Mtg. Prime pumps and test lines to 9,800 psi, OK. Hydraulic Fracture Uteland Butte stage 1 as follows: We were not able to pump desired rate: Max rate was 10.7 bpm at 9,389 psi. Rate and pressure was lined out at 9.3 bpm at 8,950 psi. We pumped 12 bbls 15% HCL with a 100 psi soft break. Pumped linear gel sweeps also with no success. Total pumped 712 bbls. SD and decision was made to re-perforate stage #1. - Current depth 8,347" Ft & Lost weight only weighing 1,100" lbs. -looks like sheared off tool & POOH with WL Re Head and switch out Jars - Called out Baker Frac crew, fresh water transfer and plug hand to prepare for stage #1 Hydraulic Frac. - Fish out of hole & Contacting all Vendors rigging back to well to Frac Pump down Ball at end of Fish collapsed and oblong Original OD & 3.50 Currently OD: 3.81 - 06:30 - Currently POOH 100 FT Min Line weight 1360 lbs. looks like got fish 05:33 & Latch onto Fish Jared 20 times LT pulled 2800 & Pulled free LT 1060-1360 gained 300 lbs. weight - 04:45 & RIH Same BHA to Latch back onto fish to Jar Tools OOH 04:30 & OOH with spang, oil Jars, connector & switch out New Connector tool: 1 7/8". Spang Jars, Oil Jars 03:37 & Latch onto bottom fish Depth 8,363 Ft - LT 512 PU Weight 2800- drop down shear off and POOH with Jars and connector PU WT 882 - WL out of hole with tools pulled 4.2 Ft tools out of hole Cable head-and weigh Bars -Did not get all fish out of hole & Pulled out of Hyd Jar & Unscrewed out or pulled threads & getting 1 3/4" overshot to run back in hole to latch onto Fish and attempt to shear off below jars and POOH with fish to replace Jars.. Still in hole at this time HYD Jars & Spang-Connector tool- Subs & Over shot = 23.3 Ft + CBL tools - Baker crew, Fresh water transfer and plug hand on location. Conduct PJSM, RU equipment and prepare equipment for service.

Daily Cost: \$0

Cumulative Cost: \$321,474

10/5/2012 Day: 14**Completion**

Rigless on 10/5/2012 - Plug and Perf Stage 2,3,4,5,6 - Frac Stages 2.3.4.5 - WL OOH with guns/ all shots fired-Drop Ball for Plug - Turn well over to Baker to Frac Stage 6 - RIH WL, Halliburton 4 ½ Obsidian Bridge plug- 10:28 - Set plug at 12,072 LT694 , 200 -188 Ft/Min 52 sec set- 161 BBL to pump Guns -pull up perf stage 6 (11,950 to12,036)-10:34 all shot POOH WL - Stage 5 Pump 39% Sand, 54 BPM, Psi Climb 1.25 30/50 at perfs, Run spacer psi Inc, Flush well Open WH 4100 psi- N2 1603 psi- Start Water + Acid -7 BPM Break at 6,089-Chase ball to Plug 20-10 BPM 7,760- 6,610 Psi -Ball Hit 600 psi increase ∆Increase rate 42 BPM 9,252 Psi ∆ NO SD ISIP- Start Pad @ 54 BPM @ 9,385 -8,645 psi. ∆Sand 5,472 100 Mesh 18,428 30/50 - Fluid Slick-water -Total Fluid 1538 BBL- ISIP 4,359 FG.95 -5 min 4,359 -10 min 4,302- 15 min 4,263 - 21:00 turn over to WL for stage 6 - WL OOH with guns/ all shots fired-Drop Ball for Plug - Turn well over to Baker to Frac Stage 5 - Held PJSM. RU WL for pump down. Test to 9,500 Psi. OK. RIH. Pump down with max pump rate of 9.2 bpm. Max pressure 7,125 Psi. ok, Set plug at 12,271', Perforate Stage 5 at (12,235∆-36.5'), (12,185∆-86.5'), (12,135∆-36.5'). Final pressure of 5,110 psi & Falling. . 3 1/8∆ guns at 60 degrees, 6 spf, three 1.5' guns 27 holes. POOH, all shots fired and drop ball for stage 5. - Location Safety Mtg. Prime pumps and test lines to 9,800 psi, OK. Hydraulic Fracture Wasatch stage 4 as follows: Break down 12.6 bpm @ 6,024 psi. Avg rate: 47 bpm, Avg press: 8,568 psi, Max rate: 52 bpm, Max press: 9,234 Psi. FG.0.960, ISIP: 4,618 PSI, 5 MIN: 4,438 psi, 10 MIN: 4,377 psi. 15 MIN: 4,336 psi. Total 30/50 White: 31,165 lbs, Total 100 mesh: 7,766 lbs. Total 15% FE acid 924 gal. Avg HHP: 9,765. Total load to recover 2,072 . Including 182 bbl on pump down. 64.9% OF THE DESIGNED PROPPANT WAS PLACED IN THE FORMATION. - RIH WL ,Halliburton 4 ½ Obsidian Bridge plug- , Set plug at 12,854 -7,251 psi LT 410 , 200 -183 Ft/Min 50 sec set- 189 BBL to pump Guns -pull up perf stage 2 (12,735 to12,829) all shot - Held PJSM. RU WL for pump down. Test to 9,500 Psi. OK. RIH. Pump down with max pump rate of 9.0 bpm. Max pressure 6,353 Psi. ok, Set plug at 12,494', Perforate Stage 4 at (12,335∆-36.5'), (12,385∆-86.6'), (12,435∆-36.5'). Final pressure of 4,689 psi & Falling. . 3 1/8∆ guns at 60 degrees, 6 spf, three 1.5' guns 27 holes. POOH, all shots fired and drop ball HF stage 4. - Location Safety Mtg. Prime pumps and test lines to 9,800 psi, OK. Hydraulic Fracture Wasatch stage 3 as follows: Break down 10.5 bpm @ 7,241 psi. Avg rate: 41 bpm, Avg press: 8,200 psi, Max rate: 46 bpm, Max press: 9,629 Psi. FG.0.434, ISIP: N/A PSI, 5 MIN: na psi, 10 MIN: na psi. 15 MIN: na psi. Total 30/50 White: 42,280 lbs, Total 100 mesh: 7,463 lbs. Total 15% FE acid 2,310 gal. Avg HHP: 8,321. Total load to recover 2,954 . Including 170 bbl on pump down. Pumped 100% of prop design. Pressured out in flush and had to flow well back 445 bbls. Re-flush with 260 bbls at 24.7 bpm at 9,070 psi down to 8,640 psi at SD. - RIH WL ,Halliburton 4 ½ Obsidian Bridge plug- Set plug at 12,674 -6,617 psi LT 570 , 208 -195 Ft/Min 51 sec set- 168 BBL to pump Guns -pull up perf stage 3 (12,535 to12,636) all shot POOH.05:12 Am - Start Zone 2 Pumped 100% Sand Rate at 44 BPM Open WH 4216 psi- N2 1709 psi- Start Water + Acid -7 BPM Break at 5,440-Chase ball to Plug 22-5 BPM 7,321- 6,175 Psi -Ball Hit 30 psi increase ∆ NO SD ISIP- Start Pad @ 44 BPM @ 9,003 - 8,690 psi. ∆Sand 6,760 100 Mesh 38,520 30/50 - Fluid Slick-water -Total Fluid 2813 BBL- ISIP 4,710 FG.97 -5min4,424 -10 min 4,346- 15 min 4,297 ∆ Turn over to WL - WL OOH with guns/ all shots fired.-Drop Ball for Plug - Turn well over to Baker to Frac Stage 2 - Baker repair and replace Frac iron.

Daily Cost: \$0**Cumulative Cost:** \$365,653**10/6/2012 Day: 15****Completion**

Rigless on 10/6/2012 - Frac Stages 6,7,8,9,10,11 Perf Stages 7,8,9,10,11,12 - RIH WL, Halliburton 4 ½ Obsidian Bridge plug- 02:14- Set plug at 11,868 LT 540 , 210 -195 Ft/Min 39 sec set- 137 BBL to pump Guns -pull up perf stage 7 (11,735 to11,836)-02:18 all shot POOH WL -03:15 - WL OOH with guns/ all shots fired-Drop Ball for Plug - Turn well over to Baker to

Frac Stage 7 - Stage 6 Pump 40% Sand, 52 BPM, Psi Climb 2nd 1 lb. 30/50 at perfs, flush well Open WH 4082 psi- N2 1566 psi- Start Water + Acid -7 BPM Break at 5,491-Chase ball to Plug 20-10 BPM 6,381- 5,520 Psi -Ball Hit 422 psi increase ∆Increase rate 44 BPM 9,236 Psi ∆ NO SD ISIP- Start Pad @ 52 BPM @ 9,325 -8,845 psi. ∆Sand 5,400 100 Mesh 17,552 30/50 - Fluid Slick-water -Total Fluid 1567 BBL- ISIP 4,523 FG.95 -5 min 4,300 -10 min 4,240- 15 min 4,204 - 01:05 turn over to WL for stage 7 - RIH WL, Halliburton 4 ½ Obsidian Bridge plug - 23:12- Set plug at 10,874 LT 940 , 210Ft/Min 2 sec lost 100 lbs. ,90 BBL to pump Guns -pull up perf stage 12 (10,735 to10,836)-23:17all shot POOH WL - Stage 11 Pump 100% Sand, 40 BPM ∆ Lost Frac pump #6 during Job oil line Open WH 4072 psi- N2 2206 psi- Start Water + Acid -7 BPM Break at 4,833-Chase ball to Plug 22-13 BPM 6,347- 5,600 Psi -Ball Hit 500 psi increase ∆Increase rate 32 BPM 7,046 Psi ∆ NO SD ISIP- Start Pad @ 40 BPM @ 7,881 -7,76-5 psi. ∆Sand 7,928 100 Mesh 51,588 30/50 - Fluid Slick-water - Fluid 2715 BBL- ISIP 4,567 FG.95 -5 min 4,396 -10 min 4,337- 15 min 4,300 - 22:10 turn over to WL for stage 12 - 20:30 - WL OOH with guns/ all shots fired-Drop Ball for Plug - Turn well over to Baker to Frac Stage 11 18:40 - RIH WL, Halliburton 4 ½ Obsidian Bridge plug- 19:15 - Set plug at 11,097 LT947 , 212 Ft/Min 46 sec set- 111 BBL to pump Guns -pull up perf stage 11 (10,935 to11,046)-19:30 all shot POOH WL - Frac Stg 10 as follows: Avg. Rate-39 BPM, Avg. Pressure-7,585 psig, Max Rate-40 BPM, Max Pressure-9,040 psig. Total prop-52,226#-30/50 Sand. ISIP 4,687 psig, 15 min.-4,276 psig. Currently RIH w/ WL to Set Plug 10 and Perf. Stg 11. - Start Stage 7 Screen out 40 BBL left in Flush 27% Sand placed Open WH 4074 psi- N2 1518 psi- Start Water + Acid -4 BPM Break at 6,488-Chase ball to Plug 20-10 BPM 6,488- 5,500 Psi -Ball Hit 636 psi increase ∆Increase rate 31 BPM 7,690 Psi ∆ NO SD ISIP- Start Pad @ 45 BPM @ 9,304 -8,594 psi. ∆Sand 3,600 100 Mesh 12,440 30/50 - Fluid Slick-water -Total Fluid 1255 BBL Screen out 40 BBL left in Flush - Location Safety Mtg. Prime pumps and test lines to 9,800 psi, OK. Hydraulic Fracture Wasatch stage 9 as follows: Break down 12.1 bpm @ 6,658 psi. Avg rate: 39 bpm, Avg press: 7,585 psi, Max rate: 40 bpm, Max press: 9,040 Psi. FG.0.968, ISIP: 4,687 PSI, 5 MIN: 4,382 psi, 10 MIN: 4,315 psi. 15 MIN: 4,276 psi. Total 30/50 White: 52,226 lbs, Total 100 mesh: 7,757 lbs. Total 15% FE acid 924 gal. Avg HHP: 7,250. Total load to recover 2,883 . Including 122 bbl on pump down. - Held PJSM. RU WL for pump down. Test to 9,500 Psi. OK. RIH. Pump down with max pump rate of 9.3 bpm. Max pressure 5,383 Psi. ok, Set plug at 11,498', Perforate Stage 9 at (11,445-46.5'), (11375-76.5'), (11,330-31.5'). Final pressure of 4,350 psi & Falling. . 3 1/8" guns at 60 degrees, 6 spf, three 1.5' guns 27 holes. POOH, all shots fired and drop ball for stage 9. - Location Safety Mtg. Prime pumps and test lines to 9,800 psi, OK. Hydraulic Fracture Wasatch stage 8 as follows: Break down 10.8 bpm @ 6,602 psi. Avg rate: 39 bpm, Avg press: 7,696 psi, Max rate: 46 bpm, Max press: 9,327 Psi. FG.0.950, ISIP: 4,530 PSI, 5 MIN: 4,289 psi, 10 MIN: 4,239 psi. 15 MIN: 4,217 psi. Total 30/50 White: 51,285 lbs, Total 100 mesh: 8,266 lbs. Total 15% FE acid 924 gal. Avg HHP: 7,394. Total load to recover 3,793 . Including 124 bbl on pump down. - Held PJSM. RU WL for pump down. Test to 9,500 Psi. OK. RIH. Pump down with max pump rate of 9.2 bpm. Max pressure 7,053 Psi. ok, Set plug at 11,678', Perforate Stage 8 at (11,635-36.5'), (11585-86.5'), (11,535'-36.5'). Final pressure of 4436 psi & Falling. . 3 1/8" guns at 60 degrees, 6 spf, three 1.5' guns 27 holes. POOH, all shots fired and drop ball for stage 8. - 06:15 ∆ Turn over to WL for Stage 8 05:54- Open WH 3678 Psi - Displace well at 10-26 BPM 6,300-9,204 psi ∆Fluid pumped 285 BBLS 04:15 ∆ Screen out Stage 7 ∆ Flowing well back 1 ½ time WB Volume 320 BBL on a 32/64 Choke - Held PJSM. RU WL for pump down. Test to 9,500 Psi. OK. RIH. Pump down with max pump rate of 9.3 bpm. Max pressure 5,460 Psi. ok, Set plug at 11,275', Perforate Stage 9 at (11,235-36.5'), (11185-86.5'), (11,135-36.5'). Final pressure of 4,466 psi & Falling. . 3 1/8" guns at 60 degrees, 6 spf, three 1.5' guns 27 holes. POOH, all shots fired and drop ball for stage 10.

Daily Cost: \$0

Cumulative Cost: \$393,245

10/7/2012 Day: 16

Completion

Rigless on 10/7/2012 - Frac Stages 12,13,14,15,16,17, Perf Stages 13,14,15,116,17,18 - RIH

WL, Halliburton 4 ½ Obsidian Bridge plug 23:17, Set plug at 9,661 LT 975, 186Ft/Min 60 sec set plug -lost 150 lbs. LT ,45 BBL to pump -pull up perf stage 18 (9,635 to 9,535)-23:42 all shot POOH WL - WL OOH with guns/ all shots fired-Drop Ball for Plug - Turn well over to Baker to Frac Stage 12 - Screen out Stage 17 & on Flush 40 -4 BPM Max Psi 9,772 - Not able to get rate above 4 BPM -Flowing well back 1 ½ time WB Volume 225 BBL on a 32/64 Choke & 19:25 & Stage 17 Pump 83% Sand, 40 BPM Well screened out on Flush got all flush volume into well Open WH 4143 psi- N2 2212- Start Water + Acid -7 BPM Break at 5,829-Chase ball to Plug 22-13 BPM 7,543- 6,260 Psi -Ball Hit 440 psi increase & Increase rate 13.2 BPM 6,700 Psi & NO SD ISIP- Start Pad @ 40 BPM @ 8,245 -7.100 psi. & Sand 7,964 100 Mesh 41,532 30/50 - Slick-water -Total Fluid 2466 BBL - Baker Down 30 minutes changing out Pump truck #4 won't Start- Noted on DCR - - 18:55 & Baker Down 30 minutes changing out Pump truck #4 won't Start- Noted on DCR - RIH w/ WL Pump down with max pump rate of 9.1 bpm. Max pressure 5,940 Psi. OK, Set Plug 16 at 9,884', Perforate Stage 17 at (9835-9836.5'), (9785-9786.5&), (9735-36.5&). Total Volume-58 BBL. Final pressure of 4390 psi & Falling. POOH, all shots fired, all tools intact and drop ball for Stage 17. - Held PJSM. RU WL for pump down. Test to 9,500 Psi. OK. RIH w/ WL Pump down with max pump rate of 9.1 bpm. Max pressure 5,940 Psi. OK, Set Plug 16 at 9,884', Perforate Stage 17 at (9835-9836.5'), (9785-9786.5&), (9735-36.5&). Total Volume-58 BBL. Final pressure of 4390 psi & Falling. . 3 1/8& guns at 60 degrees, 6 spf, three 1.5' guns 27 holes. POOH, all shots fired, all tools intact and drop ball for Stage 17. - Location Safety Mtg. Prime pumps and test lines to 9,800 psi, OK. Hydraulic Fracture Wasatch stage 15 as follows: Break down 12.1 bpm @ 6,212 psi. Avg rate: 33 bpm, Avg press: 8,036 psi, Max rate: 40 bpm, Max press: 9,399 Psi. FG.0.988, ISIP: 4,860 PSI, 5 MIN: 4,545 psi, 10 MIN: 4,490 psi. 15 MIN: 4,455 psi. Total 30/50 White: 13,722 lbs, Total 100 mesh: 5,363 lbs. Total 15% FE acid 924 gal. Avg HHP: 6,480. Total load to recover 1,608 . Including 79 bbl on pump down. - Held PJSM. RU WL for pump down. Test to 9,500 Psi. OK. RIH. Pump down with max pump rate of 9.4 bpm. Max pressure 7,163 Psi. ok, Set Plug 14 at 10,503', Perforate Stage 15 at (10,235-36.5'), (10185-86.5&), (10,135-36.5&). Total Volume-75 BBL. Final pressure of 4,457 psi & Falling. . 3 1/8& guns at 60 degrees, 6 spf, three 1.5' guns 27 holes. POOH, all shots fired and drop ball for stage 15. - Location Safety Mtg. Prime pumps and test lines to 9,800 psi, OK. Hydraulic Fracture Wasatch stage 14 as follows: Break down 9.1 bpm @ 5,629 psi. Avg rate: 38.2 bpm, Avg press: 7,541 psi, Max rate: 40.3 bpm, Max press: 9,080 Psi. FG.0.968, ISIP: 4,780 PSI, 5 MIN: 4,474 psi, 10 MIN: 4,408 psi. 15 MIN: 4,345 psi. Total 30/50 White: 44,234 lbs, Total 100 mesh: 7,779 lbs. Total 15% FE acid 924 gal. Avg HHP: 7,060. Total load to recover 2,639 . Including 76 bbl on pump down. - Held PJSM. RU WL for pump down. Test to 9,500 Psi. OK. RIH. Pump down with max pump rate of 9.3 bpm. Max pressure 5,809 Psi. ok, Set Plug 13 at 10,503', Perforate Stage 14 at (10,435-36.5'), (10385-86.5), (10,335-36.5&). Final pressure of 4,382 psi & Falling. . 3 1/8& guns at 60 degrees, 6 spf, three 1.5' guns 27 holes. POOH, all shots fired and drop ball for stage 14. - Stage 13 Pump 100% Sand, 40 BPM Open WH 4107 psi- N2 2105 psi- Start Water + Acid -7 BPM Break at 4,952-Chase ball to Plug 20-11 BPM 6,756- 5,555 Psi -Ball Hit 1000 psi increase & Increase rate 32 BPM 7,032 Psi & NO SD ISIP- Start Pad @ 40 BPM @ 8,326 -7,105 psi. & Sand 7,842 100 Mesh 53,962 30/50 -Slick-water -Total Fluid 2709 BBL- ISIP 4,086 FG.99 -5 min 4,465 -10 min 4,385- 15 min 4,341 - 06:10 turn over to WL for stage 14 - RIH WL, Halliburton 4 ½ Obsidian Bridge plug - 03:14- Set plug at 10,695 LT 870 , 216 Ft/Min 43 sec set- 84 BBL to pump Guns -pull up perf stage 13 (10,535 to 10,636)-3:33 all shot POOH WL-04:30 - WL OOH with guns/ all shots fired-Drop Ball for Plug - Turn well over to Baker to Frac Stage 13 - Stage 12 Pump 100% Sand, 40 BPM Open WH 4072 psi- N2 2134 psi- Start Water + Acid -7 BPM Break at 5,118-Chase ball to Plug 21-11 BPM 5,922- 5,180 Psi -Ball Hit 200 psi increase & Increase rate 30 BPM 6,523 Psi & NO SD ISIP- Start Pad @ 40 BPM @ 8,410 -6,867 psi. & Sand 7,846 100 Mesh 53,921 30/50 - Slick-water -Total Fluid 2700 BBL- ISIP 4,750 FG.98 -5 min 4,409 -10 min 4,330- 15 min 4,287 - 2:35 turn over to WL for stage 13 - Baker down 45 minutes changing out Check Valve- Noted on DCR - 20:45 & Screen out Stage 17 & on Flush 40 -4 BPM Max Psi 9,772 - Not able to get rate above 4 BPM - Flowing well back 1 ½ time WB Volume 225 BBL on a 32/64 Choke & Washed out FMC -10K 4- 1/16" Flange- 2-1/16" outlet- Switch Flow-Back iron To Other Side- Psi Test 9900 Psi. 22:20 - Open WH 4013 Psi - Displace well at 7-27 BPM 5,300-7,700 psi & Fluid pumped 250 BBLs

Cumulative Cost: \$412,057

10/8/2012 Day: 17

Completion

WWS #1 on 10/8/2012 - Continue Frac last 2 stages - set 2 Kill Plugs RD Baker - WL - RD WH - RU DO Stack- Torque and Psi test stack as per NFX Guidelines - 00:00 ∓ Psi Test WH, Tested Liner Hanger ∓ Master Valve ,Blinds ,Both sets Pipe Rams Inner Outer Valves on Flow cross and Kill Valves 250 5 Min ∓ 5K for 10 Min-Annular bag 3500 Psi- Good Tests - 21:00 -WFD Psi testing WH ∓ Psi testing Pipe rams and Annular while waiting 250 5 min ∓ 5 K 10 Min WFD Psi testing WH FMC 10 K Master Valve- Check Valve, Grease zerker Not Holding spraying water - New one on way Cameron 4 1/2 Check Valve not Holding ∓ New one on way to Location with 18:30 ∓ On Location PJSM with Crews ∓ Knight and R Mair Torqued up WH -WWS rig rigging up rig- Flow back rigging up Manifold and Sand Trap for Drill Out - Conduct PJSM. Install 2-way check, ND FMC frac stack & adapter flange. NU FMC 10K-7-1/16∓ Manual Frac Valve, 10K-5K 7-1/16∓ DSA, 5K 7-1/16∓ BOP w/blind rams and double valved choke/kill outlets, 5K 7-1/16∓ pipe BOP w/4-1/2∓ rams & 5K 7-1/16∓ flow cross w/dual, double valved 2-1/16∓ outlets. Torque all bolts. MIRU WOR (Western Well #) - Conduct PJSM, Baker and JW WL RDMO. - Conduct PJSM, RU WL for Kill plug run. Test to 9,500 Psi. OK. RIH and set 1st SCBP at 8,576'. POOH and re-peat. Set 2nd SCBP at 8,530'. POOH - 04:45 ∓ Stage 19 Pump 54% Sand, 40 BPM (issues with Baker Chemical pumps) Open WH 4125 psi- N2 2050 psi- Start Water + Acid -9 BPM Break at 6,421-Chase ball to Plug 19-9 BPM 7,851- 6,500 Psi -Ball Hit 700 psi increase ∓ Increase rate 9 BPM 7,200 Psi ∓ 5:09 SD - (30 Min Down SD Move FR line from Blender to CMG Pump Problems noted on DCR) - 5:39 Start Pad @ 30 -40 BPM @ 9,030 -8,556 psi. ∓ Sand 5,996 100 Mesh 27,500 30/50 -Slick-water -Total Fluid 2225 BBL- ISIP 4,617 FG.96 -5 min 4,440 -10 min 4,381- 15 min 4,352 ∓ - WL OOH with guns/ all shots fired-Drop Ball for Plug - Turn well over to Baker to Frac Stage 18 - Frac stage 19 Open WH 4125 psi- N2 2050 psi- Start Water + Acid -9 BPM Break at 6,421-Chase ball to Plug 19-9 BPM 7,851- 6,500 Psi -Ball Hit 700 psi increase ∓ Increase rate 9 BPM 7,700 Psi ∓ 5:09 SD - WL OOH with guns/ all shots fired-Drop Ball for Plug - Turn well over to Baker to Frac Stage 19 - RIH WL, Halliburton 4 1/2 Obsidian Bridge plug 3:48-Set plug at 9,485 LT 884,205 Ft/Min 48 sec set plug -lost 150 lbs.LT 34 BBL to pump -pull up perf stage 19 (9,460 to 9,410)-04:00 all shot POOH WL - Screen out Stage 18 ∓ 4K into 1lb sand stage Max Psi 9,900 -Flowing well back 1 1/2 time WB Volume 200 BBL on a 32/64 Choke 1950 Psi. 02:30 - Open WH 3994 Psi - Displace well at 7-24 BPM 8,400-7,447 psi ∓ Fluid pumped 200 BBLs - Stage 18 Pump 30% Sand, 40 BPM well screened out 1 lb. on formation. Open WH 4197 psi- N2 2076 psi- Start Water + Acid -10 BPM Break at 6,185-Chase ball to Plug 20-13 BPM 7,303- 6,550 Psi -Ball Hit 800 psi increase ∓ Increase rate 13 BPM 7,363 Psi ∓ NO SD ISIP- Start Pad @ 40 BPM @ 8,950 -9,900 psi. ∓ Sand 3,690 100 Mesh 13,977 30/50 -Slick-water -Total Fluid 1139 BBL - (30 Min Down SD Move FR from Blender to CMG Pump Problems)

Daily Cost: \$0

Cumulative Cost: \$1,551,639

10/9/2012 Day: 18

Completion

WWS #1 on 10/9/2012 - Rig UP Casing Crew and Pull 4 1/2 Frac string - Switch Out Rams and Unload 2 3/8 work string - RIH with 2 3/8 Work string to DO Frac Plugs - 22:00 ∓ RIH with WFD -BHA + 414 Jts 2 3/8 PH6 #5.95 Tubing to DO Plugs - PBTD @ 12996 Concave Mill OD∓3.75 X 1.6 ∓ Bit Sub OD∓ 2.875 X 1.47 -10 Ft Pup JT 2 3/8 ∓ Dual flapper OD∓ 2.875 X 2.93 - 1 JT 2 3/8 Tubing X 31.5 ∓ RN Nipple OD∓2.875 X1.29 ∓ R Nipple OD∓2.875 X 1.05 = 49.84 FT 00:00 ∓ Function Test Tools -Fill Tubing every 1,000 ft. EOT 2500 Ft -PU WT8K SO Weight 10K - 21:00 ∓ Rams Changed out Pressure testing Pipe rams 250 low 5 min ∓ 5 k high 10 min good tests 19:00 ∓ Unloading 419 Jts 2 3/8 PH6 ∓ Estimate: 13,157 feet TBG onto pipe racks ∓ Tubing Talley 18:30 ∓ On Location Hold PJSM with Weatherford, WWS, Pure/FMC-

Knight - Conduct PJSM, Pick up on 4.5" casing string, Came off donut at 22,600# over string weight, continue to pull casing and casing free at 20,600# over string weight (134,000#) pull up to donut to Allow well to equalize across, Well dead, 0 Psi both sides, POOH laying down 4.5" 13.5# frac string. - 02:00 √ Waiting on Casing and rig Crew to Arrive ETA 04:00 am
 01:00 √ Flow Back finished rigging up Manifold and Sand Trap √ Psi tested 10 K Good Test
 00:00 √ Psi Test WH, Liner Hanger √ Master Valve ,Blinds ,Both sets Pipe Rams Inner Outer Valves on Flow cross and Kill Valves 250 5 Min √ 5K for 10 Min-Annular bag + TIW Valve 3500 Psi- Good Tests - 05:30 √ WFD Crew Rig up equipment to rig floor - Tongs, Backups, Slips, Hoses
 04:30 - WFD Casing Crew arrived √ Spot Equipment √ Spot Pipe Racks - Waiting on Casing and rig Crew to Arrive ETA 04:00 am - Stand by for repairs on WOR. Brake assy needs repaired.

Daily Cost: \$0

Cumulative Cost: \$1,601,161

10/10/2012 Day: 19

Completion

WWS #1 on 10/10/2012 - Continue to RIH Drill Out 2 Kill plugs and 7 Frac Plugs - 23:44 √ Frac Plug # 7 gone 44 Minutes- Ran 2 10 BBL Gel sweeps- RIH to Frac plug # 8 23:00- Tag Frac plug # 7 at 10,690'. Milling. Circ 3.0 bpm 4680 psi - W/4.25 bpm returns. Casing at 3,050 psi-PU WT 36K - NU WT 34 K √ SO 29WT √ Torque 1800 -120 RPM -WOB 7K -8K 22:22 √ Frac Plug # 6 gone 45 Minutes- Ran 2 10 BBL Gel sweeps- RIH to Frac plug # 7 21:37- Tag Frac plug # 6 at 10,500'. Milling. Circ 3.0 bpm 4700 psi - W/4.5 bpm returns. Casing at 2,800 psi. PU WT 36K - NU WT 33 K √ SO 29WT √ Torque 1800 -120 RPM -WOB 7K - 21:10 √ Frac Plug # 5 gone and RIH to Frac plug # 6. 30 Minutes- Ran 2 -10 BBL Gel sweep 20:48 - Tag Frac plug # 5 at 10,278'. Milling. Circ 3.0 bpm 4600 psi - W/4.5 bpm returns. Csg at 3,100 psi. 20:15 - Frac Plug # 4 gone and RIH to Frac plug # 5. 30 Minutes- Ran 2 -10 BBL Gel sweep 19:45 - Tag Frac plug #4 at 10,097'. Milling. Circ 3.0 bpm 4500 Psi - W/3.5 bpm returns. Csg at 3,350 psi. 19:30 √ Finished Performing a Clean-up cycle 300 bbls- RIH with 7 JTS Tubing to Frac Plug #4 18:00 √ Frac Plug # 3 gone √ 17 Minutes 17:43 - Tag Frac plug #3 at 9,879'.Milling. Circ 3.0 bpm W/4.5 - Resume TIH for #2 kill plug. 1:49 p.m. Tag Kill plug #2 at 8,576' (Tbg Measurement). String weight 42K set 8K on plug. Begin milling. 2:13 p.m. Plug # 2 gone and TIH to plug # 3 4:02 p.m. Tag plug # 3 at 9,479' (Tbg Measurement). Circ 3.0 bpm W/3.5 bpm returns. Csg at 3,350 psi. Begin milling. 4:38 p.m. Plug # 3 gone and TIH to #4 5:07 p.m. Tag plug # 4 at 9,660' (Tbg Measurement). Circ 3.0 bpm W?3.5 bpm returns. Csg at 3,400 psi. Begin milling. 5:23 p.m. Plug # 4 gone and TIH to #5. 5:52 p.m. Tag plug # 5 at 9,879'. (Tbg Measurement). Circ 3.0 bpm W?3.5 bpm returns. Csg at 3,350 psi Begin milling. 6:09 p.m. Plug # 5 gone. Circulate bottoms up. PU weight 36K. - 04:00 √ EOT 6280 Ft Fill Tubing every 1,000 ft. -PU WT 34K SO WT 30K - Finding lot of JTS with Paraffin build up Rabbit would not fall thru 6 JT total. 00:00 √ EOT 2500 Ft -Function Test Tools -Fill Tubing every 1,000 ft. -PU WT 12K SO Weight 10K - Tag 1st Kill plug at 8,528' PU Wt 56K Set down 6K circulating 4.0 bpm with 1,500 psi on returns. RPM's at 120. 7:45 a.m. Tag Kill plug # 1 at 8,528' (Tbg Measurement). Begin milling. 7:55 p.m. Kill Plug # 1 gone and pushing to plug # 2. developed a pin hole leak in Kelley hose. Continued to circ until replaced. Replaced Kelley hose and TIH to 2nd kill plug, While adjusting choke for anticipated Frac pressure the Annular bag flange developed a leak with 2,800 psi. Circulate bottoms up and are standing by for Torque crew to arrive. - RIG Crew Rigging up Power Swivel - WFD Pump truck Circulating Hole - 2 BPM 900 psi - 4 BPM 3500 Psi - Pumped 50 BBLS fluid 1 1/2 times tubing Volume - 06:00 √ EOT 8515 15 FT above 1st Kill Plug WFD Getting ready to Circulate hole 2 bbl BPM 900 psi - 4 BPM 3500 Psi - Rig crew Picking up power Swivel PU WT 44K SO WT 36K 05:45 √ Tag Liner top JT 268 ,8638 FT- RIH 3 more JT Tag 1st Kill Plug JT 271 EOT 8530 FT-Pull up 15 Ft - PU WT 44K SO WT 36K - Torqued up flange on bottom of annular and tested good.

Daily Cost: \$0

Cumulative Cost: \$1,629,049

10/11/2012 Day: 20**Completion**

WWS #1 on 10/11/2012 - Drill out Remaining 11 Frac plugs - Circulate 2 1/2 WB -POOH to TOL and RU Snubbing Unit - Rig Down power Swivel and WFD pump truck prepare rig for tripping out of hole with tubing - Reached PBDT JT 411 -12,966 Ft & Currently Circulating 2 1/2 time well bore volume 805 BBLs fluid to clean up hole 23:30 & Circulated WB 805 BBLs- While reciprocating -Rotating tubing - Tag Frac plug # 14 at 12,088'. Milling. Circ 3.0 bpm 4,500 Psi - W/3.5 bpm returns. Casing at 3,400 psi-PU WT 40K - NU WT 36 K & SO 30 WT & Torque 1800 -120 RPM -WOB 6K -20/64 Choke. Drilled up in 15 min. Tag Frac plug # 15 at 12,267'. Milling. Circ 3.0 bpm 4,500 Psi - W/4.0 bpm returns. Casing at 3,200 psi-PU WT 40K - NU WT 36 K & SO 30 WT & Torque 1800 -120 RPM -WOB 6K -20/64 Choke. Drilled up in 44 min. Tag Frac plug # 16 at 12,486'. Milling. Circ 3.0 bpm 4,500 Psi - W/4.0 bpm returns. Casing at 3,200 psi-PU WT 45K - NU WT 34 K & SO 27 WT & Torque 1800 -120 RPM -WOB 7K -20/64 Choke. Drilled up in 22 min. Tag Frac plug # 17 at 12,668'. Milling. Circ 3.0 bpm 4,500 Psi - W/4.0 bpm returns. Casing at 3,200 psi-PU WT 40K - NU WT 36 K & SO 30 WT & Torque 1800 -120 RPM -WOB 6K -20/64 Choke. Drilled out in 16min. Tag Frac plug # 18 at 12,846'. Milling. Circ 3.0 bpm 4,500 Psi - W/4.0 bpm returns. Casing at 3,200 psi-PU WT 45K - NU WT 34 K & SO 27 WT & Torque 1800 -120 RPM -WOB 7K -20/64 Choke. Drilled out in 9 min. - 06:00 & WFD Pump Repaired & Clean up Cycle Completed with WWS rig pump -Circ 2.2 bpm 4400 psi - W/3.5 bpm returns. Casing at 3,100 400 BBL pumped, - Currently RIH to Tag Frac Plug # 10 06:33- Tag Frac plug # 10 at 11,271'. Milling. Circ 3.0 bpm 4750 Psi - W/4.25 bpm returns. Casing at 2,200 psi-PU WT 37K - NU WT 34 K & SO 30 WT & Torque 1800 -120 RPM -WOB 7K -20/64Choke. Tag total count plug #13 at 11,486', #14 at 11,671', #15 at 11,860' & Tbg measurement. Milling Circ 3.0 bpm 4,500 Psi - W/4.00 bpm returns. Casing at 3,200 psi-PU WT 40K - NU WT 30 K & SO 36 WT & Torque 1800 -120 RPM -WOB 8K -20/64 Choke. At 11:00 Weatherford pump has packing out. We are circulating with rig pump at 1.5 bpm and well at 1 bpm. 2.5 bpm total until packing has been replaced. ETOR: 20 min. Pump repaired - WFD Lost Packing on Pump & Had to switch over to Western Well service pump & perform 350 BBL Clean up Cycle at this time until WFD pump get repaired or replaced & was planning on doing a clean up cycle at 5 am no down time - 02:34 & Frac Plug # 9 gone 48 Minutes- Ran 20 BBL Gel sweep- Rig Pump switch over for Clean-up cycle 01:46- Tag Frac plug # 9 at 11,091'. Milling. Circ 3.0 bpm 4700 psi - W/4.25 bpm returns. Casing at 3,100 psi-PU WT 36K - NU WT 34 K & SO 29WT & Torque 1800 -120 RPM -WOB 7K -20/64Choke - 01:06 & Frac Plug 8 gone 43 Minutes- Ran 2 10 BBL Gel sweeps- RIH to Frac plug # 9 00:23- Tag Frac plug # 8 at 10,877'. Milling. Circ 3.0 bpm 4750 Psi - W/4.5 bpm returns. Casing at 2,850 psi-PU WT 37K - NU WT 34 K & SO 30 WT & Torque 1800 -120 RPM -WOB 7K -20/64Choke

Daily Cost: \$0**Cumulative Cost:** \$1,669,252**10/12/2012 Day: 21****Completion**

WWS #1 on 10/12/2012 - POOH with 2 3/8 DO string to TOL and RU Snubbing Unit- TOO H with all tubing - 00:15 & Start to TOO H with 2 3/8 tubing to TOL- Casing at 3,150 psi-PU WT 50K - NU WT 46 K & SO 28WT - Land Tubing Hanger - Tighten pins - Bleed off pressure - ND annular bag - Conduct PJSM, MIRU Mt.States Rig Assist Snubbing Unit, Nipped up and started pressure testing, 250 psi x 5 minutes low & 5,000 psi x 10 minutes high; Had several leaks, change out annulars and both sets of rams. - Nipped up Snubbing Unit and started pressure testing, 250 psi x 5 minutes low & 5,000 psi x 10 minutes high; Had several leaks, change out annulars and both sets of rams. - 23:00 & Psi Test 5 K -losing 140 psi Min & Top door seal leaking on SU Rams- Replace seal 22:00 & Hydraulic hose on snubbing unit leaking Changing out at this time & 21:00 & Knight Flange top of Flow Cross leaking- torque down. 20:00 & SU - Switch out Door seals- Flange on Ann Bag leaking Tighten-1 inch valve bad leaking replaced 18:30 & Dead Head pump holding psi - Psi 5K Bottom door seal on SU Rams leaking - 00:00 & Start to Back-off pins on Tubing Hanger POOH with Hanger and tubing 23:00 & Psi Test Shell & Btm, Top Pipes & 300 5 min 5 k 10 Min all tested good, annular Bag 3500 5 Min - Rig Down

power Swivel and WFD pump truck prepare rig for tripping out of hole with tubing

Daily Cost: \$0

Cumulative Cost: \$1,743,601

10/13/2012 Day: 22

Completion

WWS #1 on 10/13/2012 - Pull 2 3/8 Tubing out Of Hole with Rig and Snubbing Unit -RD Snubbing Unit - RIH with WL and Gauge ring POOH RIH and set packer -Switch out Rams 2-3/8 - 19:00 ∓ Tag Liner top with Gauge Ring and Junk Basket ∓ POOH Log 200 Ft up ∓ POOH with Wire Line - Start to Back-off pins on Tubing Hanger POOH with Hanger - 06:00 ∓ EOT 2,900 Ft ∓ pipe light -Casing 3,150 Psi 01:00 ∓ Start to POOH with Tubing ∓ Casing 3,200 Psi - PU WT 32- NU WT 28 K ∓ SO 26WT - Waiting for daylight to Snub out Last 92 JTS-Turn Over to Day Supervisor ∓ - Conduct PJSM, Begin snubbing out of hole with 2 3/8" PH6 tbg and Weatherford BHA, 419 jts of 23/8" tubing on racks, recovered Weatherford BHA Rotary sub, Dual back pressure valve, Rotary sub, Rotary sub, 3 .75 Con cave mill, All tbg and tools recovered. Shut in well, RDMO Mt. State Snubbing unit. - Conduct PJSM, MIRU WL, Change out BOP pipe rams from 2 3/8" to 2 7/8" and test to 250 psi low 5 mins, 5,000 psi 10 mins, test good and charted, Charts in well file. MIRU - Complete RU WLU. PU WL lubricator and tested to 5000 psi. Good test. Open well. RIH with 6.0" gauge ring and junk basket. RIH at 150 fpm. Tagged liner top at 8442' WLM. Tagged again and logged out for 200' POOH at 150 fpm. Tools out of the hole. MU Baker packer.19:00 ∓ Tag Liner top with Gauge Ring and Junk Basket ∓ POOH Log 200 Ft up ∓ POOH with Wire Line-19:00 ∓ Tag Liner top with Gauge Ring and Junk Basket ∓ POOH Log 200 Ft up ∓ POOH with Wire Line - 22:00 ∓ Packer Set POOH with WL WH Pressure 0 20:00 ∓ RIH WL Baker Packer WH 3200 psi ∓ Tie into Marker Joint 6719-6730∓ RIH 120 FT/MIN- LT 21:00 ∓ Set Packer 55 Sec -PU and RIH Tag packer-Packer Set middle 2nd JT above Liner Top 8,350 Feet. - 23:00 ∓ RU Annular ∓ Rig Floor ∓ RIH and Test 2-7/8 Rams 250 low 5 min ∓ 5 K high 10 min-Good test 22:30 ∓ WL out of Hole ∓ Open up casing Good Negative test 30 min- RD WL Lubricator off Well head

Daily Cost: \$0

Cumulative Cost: \$1,794,906

10/14/2012 Day: 23

Completion

WWS #1 on 10/14/2012 - RIH Prod TBG -Tag Packer Space out -Circ 300 BBL packer fluid - Land 10K psi test -ND WH - NU Prod Tree - RD Rig- POP well - Turn over to production-RD Flow Back - 00:00 ∓ Secure location SWIFN ∓ WH 3300 Psi - CSG 50 Psi 21:00 ∓ RD WFD pump Truck- Release all Vendors from Location - Move Rig away from Well Head - Construction still Running Iron to Well - WFD Pump truck arrived Rig Up To WH - 02:00 ∓ Start to RIH with 2 7/8 6.5 L-80 Tubing - X profile Nipple OD∓ 3.75, ID∓2.313 X .81 - 1 JT 2 7/8 tubing X 31.70 ∓ Baker L-10 on/off Tool OD∓ 5.5 X ID∓ 2.75 X 1.55 -Packer set with WL at 8,350 FT- 7∓ Baker Hornet Packer OD∓ 6.0, ID∓ 2.37 X 7.95 - 2 7/8 Pup JT X 4.10 - 2 7/8 XN Profile Nipple OD∓ 3.785, ID∓ 2.205 X 1.12 - 2-7/8 Pup JT X 4.10 - WLEG W/Pump out plug set at 1,400 psi, OD∓3.7', ID∓2.441 X .85 - Turn well over to production to start flowing back On 9/64 Choke 3300 Psi on TBG ∓CSG 50 Psi - Prime up Psi test WFD pump 6K ∓ Start to pump on well 2 BPM 4350 Psi disk Went ∓ Pumped additional Tubing Vol total 4 BPM 3500 Psi - 60 BBL pumped into well ∓ Shut Down bleed down pressure to 2000 psi close in and WH pressure climbed back to 3150 Psi. - 06:30 ∓ EOT 5500 Ft ∓ 174 JTS in Hole ∓ PU WT 32K - NU WT 28 K ∓ SO 26 8WT. Continue to TIH 10:40 Tag at 8,350 with 274 jts 2 7/8" tbg 15.6' out and BHA as follows: Sting in J lock with 5 1/2" x 2 7/8" Retrieving head, 1 jt 2 7/8" 6.5# L-80 8rd EUE tubing, 2 7/8" X 2.313 X nipple, 272 jts of 2 7/8" 6.5# L-80 8rd tubing, tubing hanger. Total of 273 jts of 2 7/8" 6.5# L-80 8rd EUE tubing. Circulated 320 bbls packer fluid and Biocide on backside of tubing, latch onto On-Off tool, pick up and inguage, slack off and land tbg with 8,000# compression on packer, Land tbg on hanger, Test backside 5,000 psi no leaks, 12 psi leak off in 10 min. test good, Install back pressure valve in hanger. EOT & pkr

8,350.36'. Did not use any pups. - Conduct PJSM, MIRU 4-G and nipple down BOP drill out stack and nipple up Production tree, test tree 250 Low 5 Min - 10 k for 10 minutes - all Tested good - RU Annular & Rig Floor & RIH and Test 2-7/8 Rams 250 low 5 min & 5 K high 10 min- Good test

Daily Cost: \$0

Cumulative Cost: \$1,879,640

10/15/2012 Day: 24

Completion

WWS #1 on 10/15/2012 - Clean up location and release rental equipment. - Clean up Location and release remaining equipment.

Daily Cost: \$0

Cumulative Cost: \$1,901,050

10/16/2012 Day: 25

Completion

Rigless on 10/16/2012 - Capture Costs in DCR - Capture Costs in DCR

Daily Cost: \$0

Cumulative Cost: \$1,907,556

10/28/2012 Day: 26

Completion

Rigless on 10/28/2012 - Capture Costs In DCR - Shields(15176,\$725)(16381,\$1015)(11509,\$1320)(13813,\$585) Rustin Mair (2932,\$145) Zubiate (1382A,\$556)

Daily Cost: \$0

Cumulative Cost: \$1,998,080

11/7/2012 Day: 27

Completion

Nabors #1608 on 11/7/2012 - Mirusu. Kill well. N/D well head. Stab TIW. Swifn. - Mirusu. Hot oiler pumped 60 bow dwn tbg to kill well. N/D well head tree. Stab TIW. Swifn.

Daily Cost: \$0

Cumulative Cost: \$2,001,036

11/8/2012 Day: 28

Completion

Nabors #1608 on 11/8/2012 - Press test Bops, pipe rams, annluar & Tiw. Pooh w/ tbg, Rih w/ ON/OFF tool, 120- jts & 8 of 10 mandrels as detailed. Swifn. - N/U X/O spool w/ Bops & annular & tourqe dwn. Press test both valves on Bops(good), press test 2 7/8" pipe rams w/ Tiw and kept leaking @ the flange between the spool & well head & the packing nuts. Retourqed everything till no leaks(got good test). Press tested annular & Tiw(good). R/d Four Star. Pull two check from donut, unlatch from the packer, Pooh w/ 263- jts of 2 7/8" N-80 stopping and tallying every 20 stands. Rih w/ ON/Off tool, & Tih w/ 2 7/8" tbg adding mandrels as detailed. Rih w/ 120- jts & 8 of 10 mandrels. Swifn.

Daily Cost: \$0

Cumulative Cost: \$2,009,822

11/12/2012 Day: 29

Completion

Nabors #1608 on 11/12/2012 - Continue RIH w/ tbg & GLM, space out tbg, land tbg w/

15000# compresion. ND BOP & hydrill. NU flow tree. RDMO. Open up well and start gas lift. -
Continue RIH w/ tbg & GLM, space out tbg, land tbg w/ 15000# compresion. ND BOP &
hydrill. NU flow tree. RDMO. Open up well and start gas lift.

Daily Cost: \$0

Cumulative Cost: \$2,030,626

11/14/2012 Day: 30

Completion

Rigless on 11/14/2012 - Capture Costs in DCR - Capture Costs in DCR

Daily Cost: \$0

Cumulative Cost: \$2,101,314

12/9/2012 Day: 31

Completion

Rigless on 12/9/2012 - Capture Costs in DCR - Capture Costs in DCR to bring current

Daily Cost: \$0

Cumulative Cost: \$2,129,073

Pertinent Files: [Go to File List](#)

Effective Date: 1/24/2020

FORMER OPERATOR: Newfield Production Company	NEW OPERATOR: Ovintiv Production, Inc.
Groups: Greater Monument Butte	

WELL INFORMATION:

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 4704

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 3/16/2020
- Sundry or legal documentation was received from the **NEW** operator on: 3/16/2020
- New operator Division of Corporations Business Number: 755627-0143

REVIEW:

- Receipt of Acceptance of Drilling Procedures for APD on: 9/2/2020
- Reports current for Production/Disposition & Sundries: 1/14/2021
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 12/21/2020
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 3/25/2020

Surface Facility(s) included in operator change:

- State 11-32 Pipeline
- Monument Butte St 10-36
- GB Fed 13-20-8-17
- Canvasback Fed 1-22-8-17
- Ashley Fed 8-14-9-15 Pipeline
- West Lateral 4C Slug Catcher (2-5-3-3)
- West Lateral Phase 5 Slug Catcher
- Bar F Slug Catcher
- Dart Slug Catcher
- Mullins Slug Catcher
- Temporary Produced Water Conditioning Site
- Dart Temporary Produced Water Facility
- Earl Temporary Water Treatment Facility

NEW OPERATOR BOND VERIFICATION:

State/fee well(s) covered by Bond Number(s):

- B001834.A
- 107238142-Shut-In Bond

DATA ENTRY:

Well(s) update in the RBDMS on: 1/14/2021

Group(s) update in RDBMS on: 1/14/2021

Surface Facilities update in RBDMS on: 1/14/2021

Entities Updated in RBDMS on:

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
see attached list

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
see attached

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
see attached

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
attached

3. ADDRESS OF OPERATOR:
4 Waterway Square Place St. CITY The Woodlands STATE TX ZIP 77380

PHONE NUMBER:
(435) 646-4936

10. FIELD AND POOL, OR WILDCAT:
attached

4. LOCATION OF WELL
FOOTAGES AT SURFACE: _____ COUNTY: _____
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

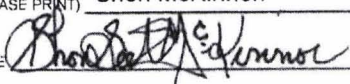
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This sundry is serve as notification of the formal corporate name change of Newfield Production Company to Ovintiv Production Inc. Attached is a list of all wells wells that will be operated under Ovintiv Production Inc effective January 24, 2020.

PREVIOUS NAME:
Newfield Production Company
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(435)646-4825

NEW NAME:
Ovintiv Production Inc.
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(435)646-4825

NAME (PLEASE PRINT) Shon McKinnon TITLE Regulatory Manager, Rockies
SIGNATURE  DATE 3/16/2020

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached list
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Newfield Production Company		8. WELL NAME and NUMBER: see attached
3. ADDRESS OF OPERATOR: 4 Waterway Square Place SU CITY The Woodlands STATE TX ZIP 77380		9. API NUMBER: attached
4. LOCATION OF WELL		10. FIELD AND POOL, OR WILDCAT: attached
FOOTAGES AT SURFACE: _____ COUNTY: _____		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This sundry is serve as notification of the formal corporate name change of Newfield Production Company to Ovintiv Production Inc. Attached is a list of all wells wells that will be operated under Ovintiv Production Inc effective January 24, 2020.

PREVIOUS NAME:
Newfield Production Company
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(435)646-4825

NEW NAME:
Ovintiv Production Inc.
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(435)646-4825

NAME (PLEASE PRINT) <u>Shon McKinnon</u>	TITLE <u>Regulatory Manager, Rockies</u>
SIGNATURE	DATE <u>3/16/2020</u>

(This space for State use only)

Effective Date: 7/1/2021

FORMER OPERATOR: Ovintiv Production, Inc.	NEW OPERATOR: Ovintiv USA, Inc.
Groups: Greater Monument Butte	

WELL INFORMATION:

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 4689
 Pre-Notice Completed: 9/22/2021

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2021
- Sundry or legal documentation was received from the **NEW** operator on: 9/15/2021
- New operator Division of Corporations Business Number: 5053175-0143

REVIEW:

- Receipt of Acceptance of Drilling Procedures for APD on: 9/15/2021
- Reports current for Production/Disposition & Sundries: 9/22/2021
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/25/2021
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 10/4/2021
- Surface Facility(s) included in operator change:

- Monument Butte Liq. Cond.
- Pleasant Valley (New)
- West Lateral 4C Slug Catcher (2-5-3-3)
- West Lateral Phase 5 Slug Catcher
- Bar F Slug Catcher
- Dart Slug Catcher
- Mullins Slug Catcher
- Ashley
- Sundance
- Ranch
- Pleasant Valley
- Monument Butte
- Ashley Fed 8-14-9-15 Pipeline
- Ute Tribal 4-13-4-2W Pipeline
- State 11-32 Pipeline
- Monument Butte St 10-36
- GB Fed 13-20-8-17
- Canvasback Fed 1-22-8-17

NEW OPERATOR BOND VERIFICATION:

State/fee well(s) covered by Bond Number(s): B001834-B
 107238142A

DATA ENTRY:

Well(s) update in the RBDMS on: 11/24/2021

Group(s) update in RDBMS on: 11/21/2021

Surface Facilities update in RBDMS on: 11/24/2021

Entities Updated in RBDMS on: 11/24/2021

COMMENTS:

9/22/2021, Since the Newfield to Ovintiv operator change was processed at the beginning of 2021, Name change will only need to match the existing bonds in place under Ovintiv Production, Inc; no additional bond will be required at this time.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:

2. NAME OF OPERATOR:
Ovintiv Production, Inc.

9. API NUMBER:

3. ADDRESS OF OPERATOR:
4 Waterway SQ PL STE 100 CITY The Woodlands STATE TX ZIP 77380

PHONE NUMBER:
(281) 210-5100

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>7/1/2021</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This sundry is to serve as notification that Ovintiv Production Inc. merged into Ovintiv USA Inc. Attached is a list of all wells that will be operated under Ovintiv USA Inc. effect July 1, 2021.

PREVIOUS NAME:
Ovintiv Production Inc.
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(281) 210-5100

NEW NAME:
Ovintiv USA Inc.
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(281) 210-5100

NAME (PLEASE PRINT) Julia Carter

TITLE Manager, US Regulatory Operations

SIGNATURE *Julia M. Carter*

DATE 9/8/2021

(This space for State use only)

APPROVED

By Utah Division of
Oil, Gas, and Mining

Rachel Medina

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF TRIBAL, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Elmer 1-7-3-1WH	
2. NAME OF OPERATOR: Ovintiv USA, Inc.	9. API NUMBER: 43013514000000	
3. ADDRESS OF OPERATOR: 4 Waterway Square Place, Suite 100 , The Woodlands , TX, 77380	PHONE NUMBER:	9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 718 FNL 299 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 7 Township: 3S Range: 1W Meridian: U	COUNTY: DUCHESNE	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/8/2023	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SPUD REPORT Date of Spud:
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Flaring occurred 8/01/2023 until 08/08/2023 due to third party take away constraints. Amount was approximately 80 mcf.		
<p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY (This is not an approval)</p> <p>January 03, 2024</p>		
NAME (PLEASE PRINT) Marisol Palomares	PHONE NUMBER 720-876-3019	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 9/11/2023	