

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 Lusty 2-11-3-3WH							
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) 14-20-H62-6017			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input 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') David A. Evans and Alicia L. Evans						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-823-3432							
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') HC 64 Box 390, Mtyon, UT						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 type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>							
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN	
LOCATION AT SURFACE		30 FNL 1120 FEL		NENE				3.0 S		3.0 W		U	
Top of Uppermost Producing Zone		660 FNL 1980 FEL		NENE		11		3.0 S		3.0 W		U	
At Total Depth		660 FSL 1980 FEL		NENE		11		3.0 S		3.0 W		U	
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 30			23. NUMBER OF ACRES IN DRILLING UNIT 40							
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Approved For Drilling or Completed) 30			26. PROPOSED DEPTH MD: 13766 TVD: 9019							
27. ELEVATION - GROUND LEVEL 5308			28. BOND NUMBER RLB00100473			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 ST&C	8.3	Premium Lite High Strength		204	3.53	11.0		
							Class G		154	1.17	15.8		
I1	8.75	7	0 - 9778	26.0	P-110 Other	10.5	Premium Lite High Strength		285	3.53	11.0		
							50/50 Poz		414	1.24	14.3		
L1	6.125	4.5	8578 - 13766	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 06/27/2012				EMAIL starpoint@etv.net					
API NUMBER ASSIGNED 43013515090000				APPROVAL  Permit Manager									

Newfield Production Company**Lusty 2-11-3-3WH****Surface Hole Location: 30' FNL, 1120' FEL, Section 11, T3S, R3W****Bottom Hole Location: 660' FSL, 1980' FEL, Section 11, T3S, R3W****Duchesne County, UT****Drilling Program****1. Formation Tops**

Uinta	surface		
Green River	3,977'		
Garden Gulch member	6,810'		
Uteland Butte	9,148'		
Lateral TD	9,019'	TVD /	13,766' MD

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

Base of moderately saline	0'	(water)
Green River	6,810' - 9,019'	(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'	9,191' 9,778'	26	P-110	BTC	10	10.5	15	9,960	6,210	830,000
Production 4 1/2	8,578'	9,019' 13,766'	13.5	P-110	BTC	10	10.5	--	12,410	10,670	422,000
									3.28	2.65	6.03

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	5,810'	Premium Lite II w/ 3% KCl + 10% bentonite	1,005	15%	11.0	3.53
				285			
Intermediate Tail	8 3/4	2,968'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	513	15%	14.3	1.24
				414			
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 pilot hole plug back and 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.

$$9,019' \times 0.52 \text{ psi/ft} = 4690 \text{ psi}$$

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 8,628' .
Directional tools will then be used to build to 92.45 degrees inclination.
The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

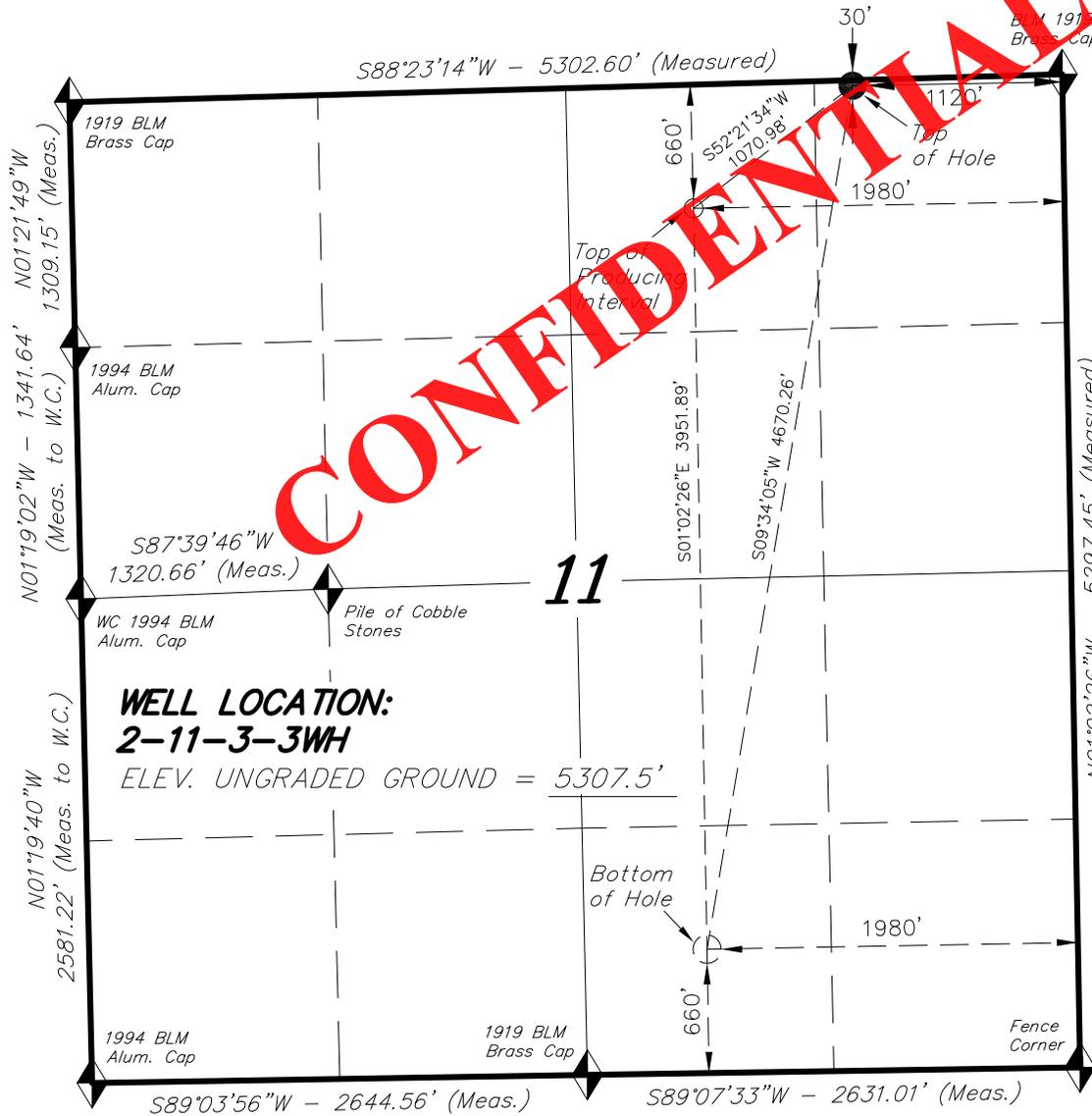
The lateral will be drilled to the bottomhole location shown on the plat.
A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer.

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

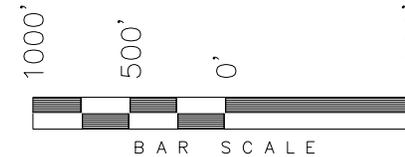
T3S, R3W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY



WELL LOCATION, 2-11-3-3WH, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 11, T3S, R3W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, 2-11-3-3WH, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 11, T3S, R3W, 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.

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.

REGISTERED LAND SURVEYOR
 05-11-12
 STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 189377
 STATE OF UTAH

◆ = SECTION CORNERS LOCATED

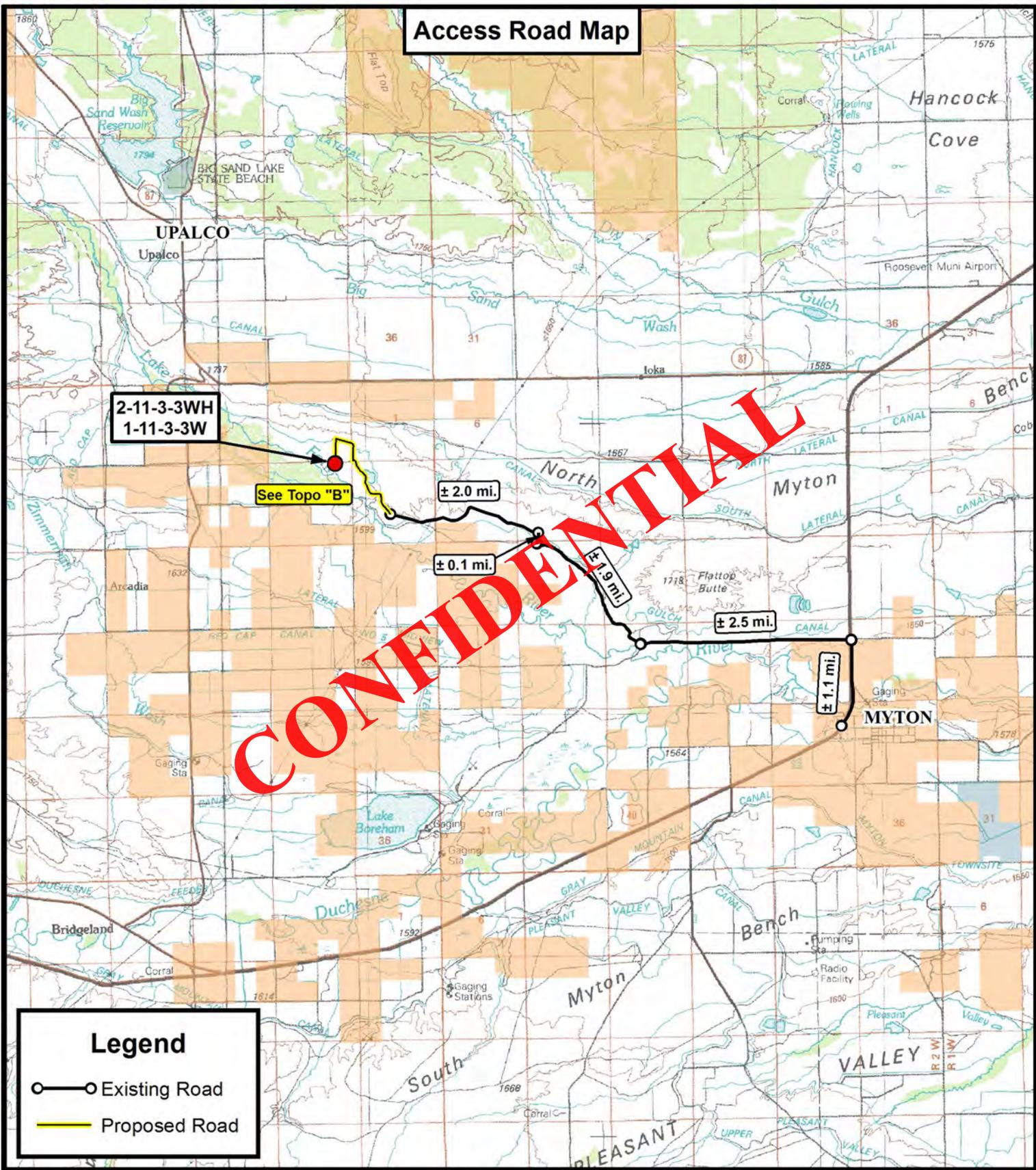
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

2-11-3-3WH
 (Surface Location) NAD 83
 LATITUDE = 40° 14' 37.19"
 LONGITUDE = 110° 11' 04.75"

TRI STATE LAND SURVEYING & CONSULTING
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 04-17-12	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 12-14-11	DRAWN BY: R.B.T.	V9
REVISED: 05-11-12 R.B.T.	SCALE: 1" = 1000'	

Access Road Map



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

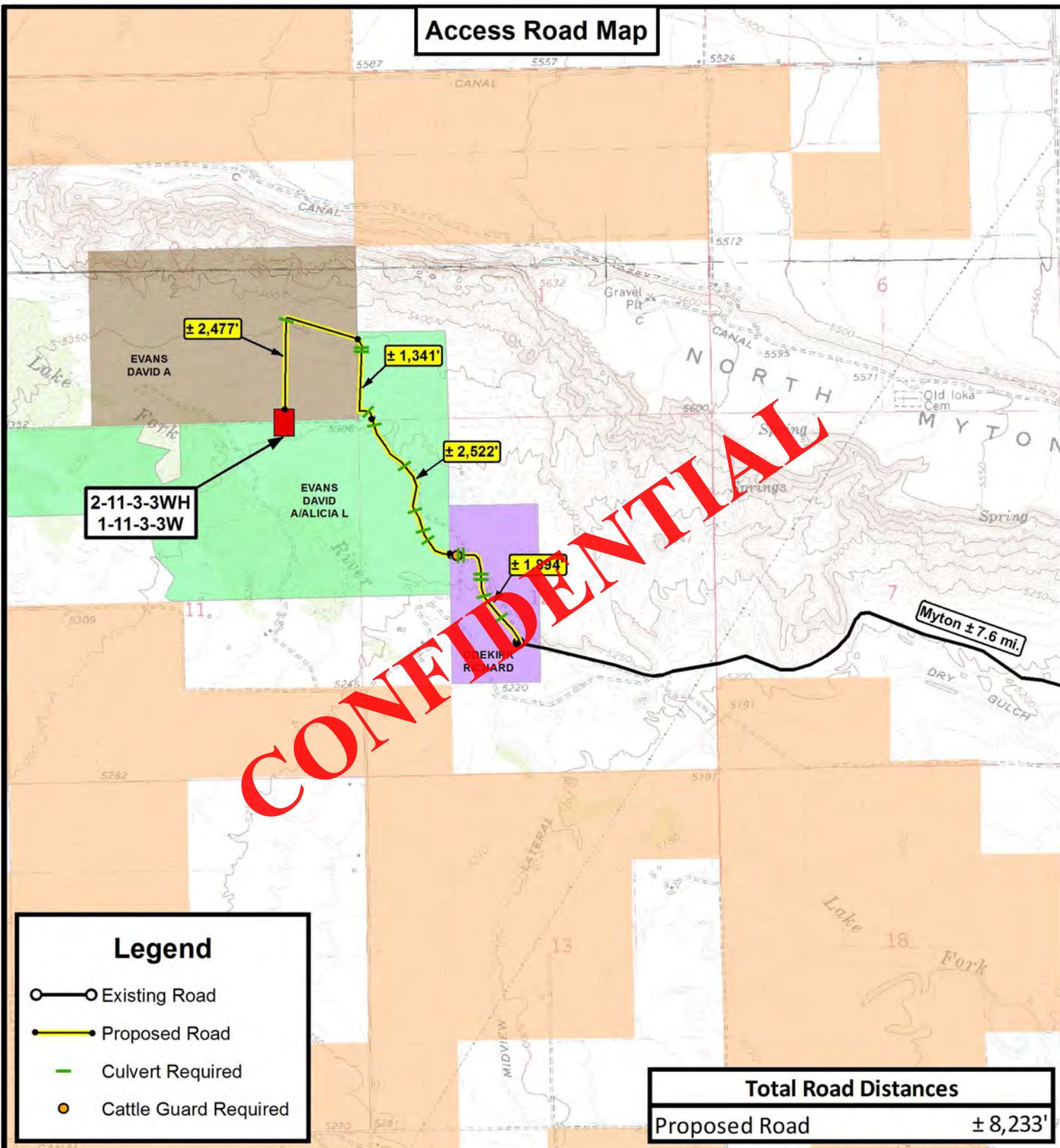
2-11-3-3WH
1-11-3-3W
SEC. 11, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	05-11-12 D.C.R.	VERSION:
DATE:	12-14-11			V9
SCALE:	1:100,000			

TOPOGRAPHIC MAP

SHEET
A

Access Road Map



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

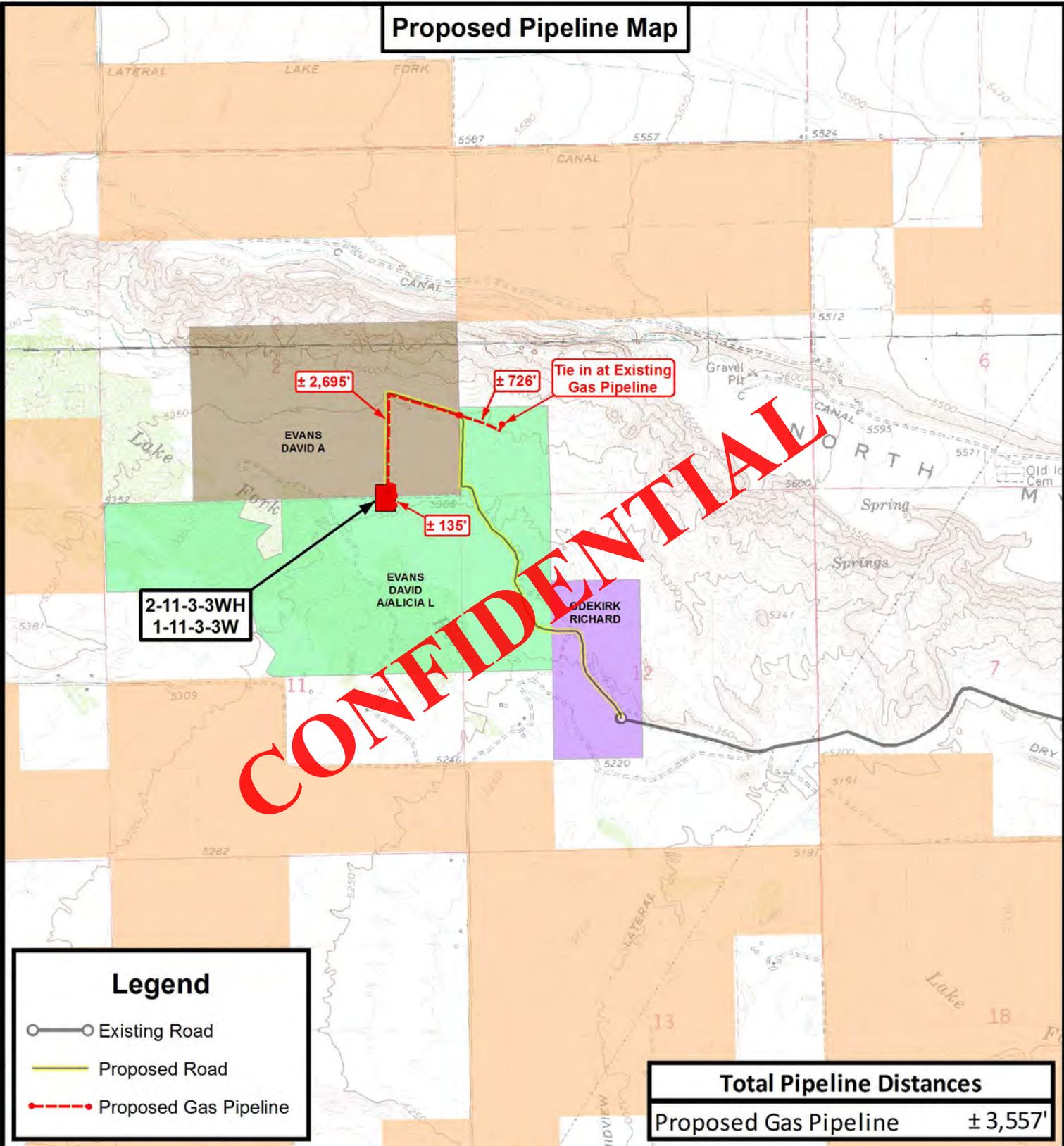
2-11-3-3WH
 1-11-3-3W
 SEC. 11, T3S, R3W, U.S.B.&M.
 Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	05-11-12 D.C.R.	VERSION:
DATE:	12-14-2011			V9
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



Legend

- Existing Road
- Proposed Road
- Proposed Gas Pipeline

Total Pipeline Distances	
Proposed Gas Pipeline	± 3,557'

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Tri State Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 P: (435) 781-2501
 F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY
 2-11-3-3WH
 1-11-3-3W
 SEC. 11, T3S, R3W, U.S.B.&M.
 Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	05-11-12 D.C.R.	VERSION:
DATE:	12-14-2011			V9
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET **C**

Exhibit "B" Map

**2-11-3-3WH
1-11-3-3W**

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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

**2-11-3-3WH
1-11-3-3W
SEC. 11, T3S, R3W, U.S.B.&M.
Duchesne County, UT.**

DRAWN BY:	A.P.C.	REVISED:	05-11-12 D.C.R.	VERSION:
DATE:	12-14-2011			V9
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET
D

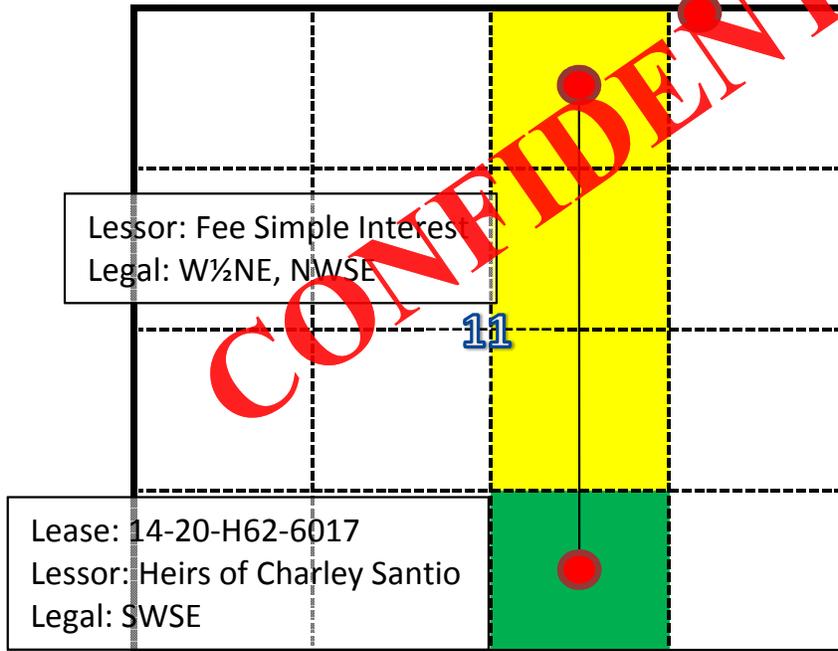
Lusty 2-11-3-3WH

SHL 30' FNL & 1120' FEL

Top of Producing Interval 660' FNL & 1980' FEL

BHL 660' FSL & 1980' FEL

Township 3 South, Range 3 West, Section 11: W $\frac{1}{2}$ E $\frac{1}{2}$





Weatherford®

NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT

LUSTY 2-11-3-3WH

LUSTY 2-11-3-3WH

LUSTY 2-11-3-3WH

Plan: 1

Standard Planning Report

22 May, 2012

CONFIDENTIAL



Weatherford®



Project: DUCHESNE COUNTY, UT
 Site: LUSTY 2-11-3-3WH
 Well: LUSTY 2-11-3-3WH
 Wellbore: LUSTY 2-11-3-3WH
 Design: LUSTY 2-11-3-3WH
 Latitude: 40° 14' 37.190 N
 Longitude: 110° 11' 4.750 W
 GL: 5306.80
 KB: PIONEER 68 @ 5304.90ft



WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL - LUSTY 2-11-3-3WH	9019.00	-4605.37	-776.49	40° 13' 51.676 N	110° 11' 14.762 W	Point

WELL DETAILS: LUSTY 2-11-3-3WH

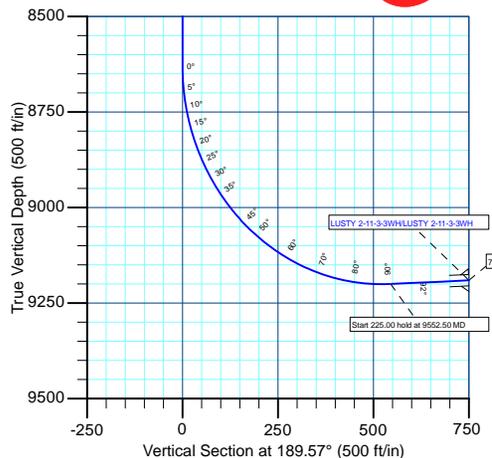
+N/-S	+E/-W	Northing	Ground Level:	5306.80	Latitude	Longitude	Slot
0.00	0.00	7260180.83	2007574.06	5306.80	40° 14' 37.190 N	110° 11' 4.750 W	

SECTION DETAILS

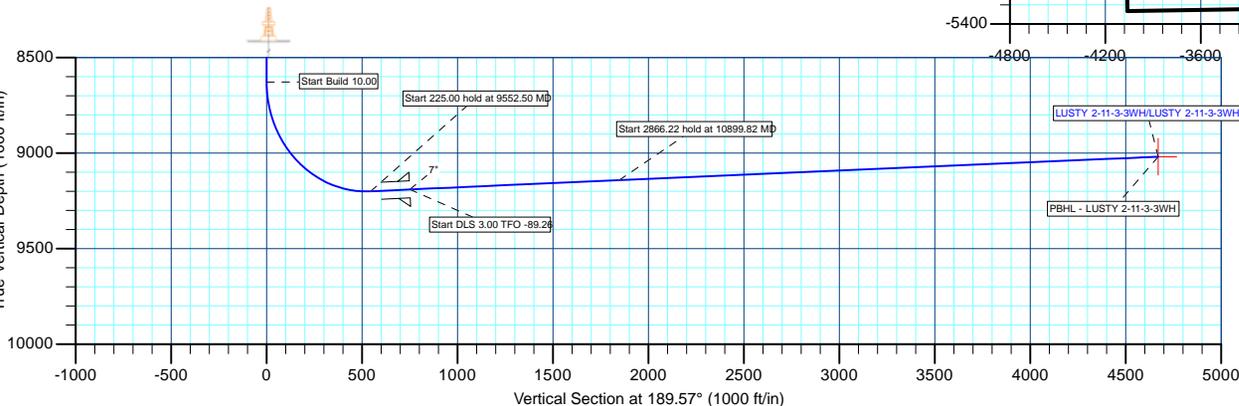
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dia	Face	VSe	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8628.00	0.00	0.00	8628.00	0.00	0.00	0.00	0.00	0.00	Start Build 10.00
9552.50	92.45	213.70	9200.44	-497.05	-331.49	10.00	213.70	545.25	Start 225.00 hold at 9552.50 MD
9777.50	92.45	213.70	9190.82	-684.07	-456.20	0.00	0.00	750.40	Start DLS 3.00 TFO -89.26
10899.82	92.45	180.00	9141.43	-1741.76	-776.49	3.00	-89.26	1846.63	Start 2866.22 hold at 10899.82 MD
13766.04	92.45	180.00	9019.00	-4605.37	-776.49	0.00	0.00	4670.37	TD at 13766.04

CASING DETAILS

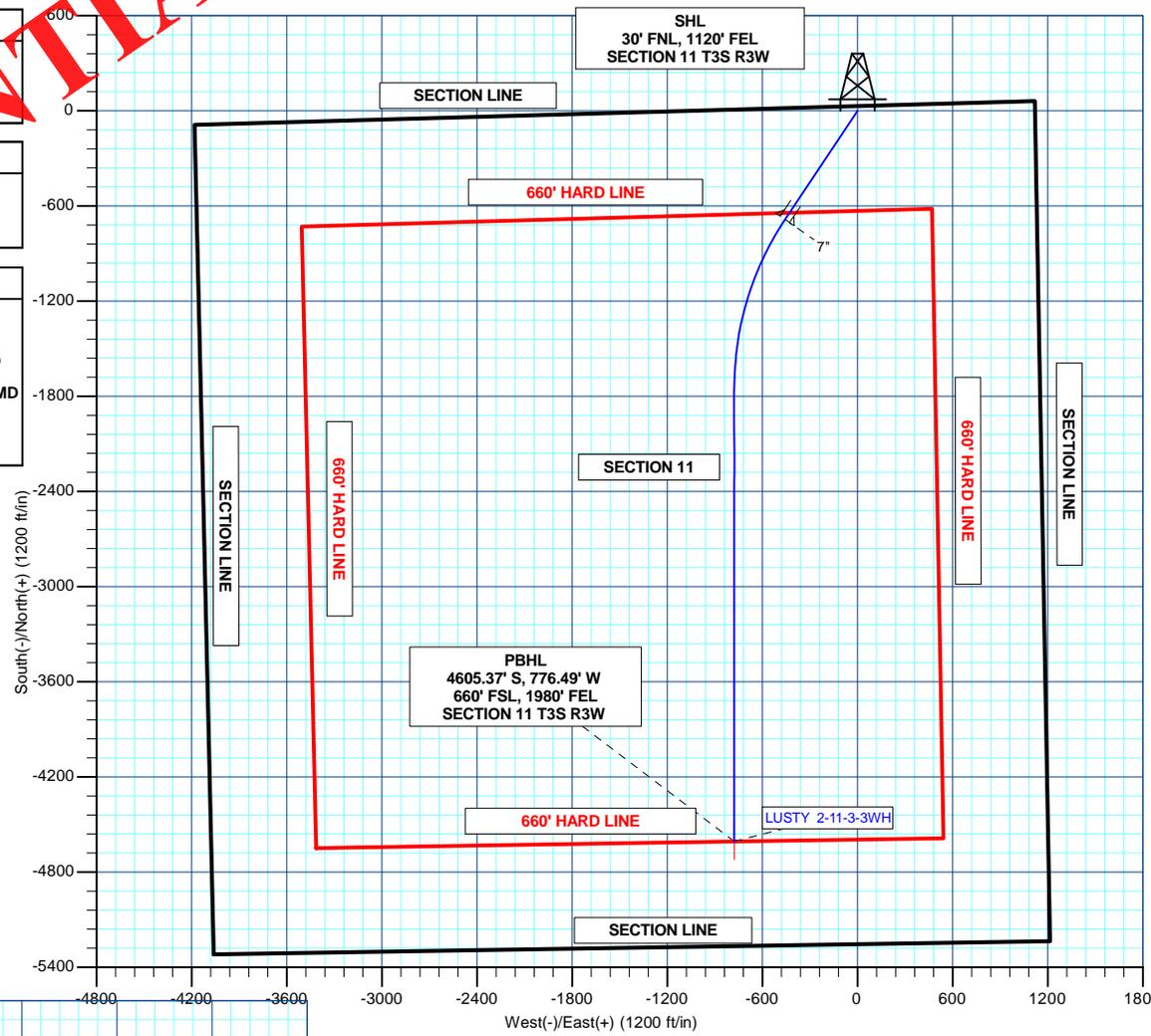
TVD	MD	Name	Size
9190.82	9777.50		7"



Vertical Section at 189.57° (500 ft/in)



Vertical Section at 189.57° (1000 ft/in)



Azimuths to True North
 Magnetic North: 11.29°

Magnetic Field
 Strength: 52189.0snT
 Dip Angle: 65.88°
 Date: 8/1/2012
 Model: BGGM2011



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well LUSTY 2-11-3-3WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	PIONEER 68 @ 5324.80ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	PIONEER 68 @ 5324.80ft (Original Well Elev)
Site:	LUSTY 2-11-3-3WH	North Reference:	True
Well:	LUSTY 2-11-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	LUSTY 2-11-3-3WH		
Design:	LUSTY 2-11-3-3WH		

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	LUSTY 2-11-3-3WH				
Site Position:		Northing:	7,260,180.83 usft	Latitude:	40° 14' 37.190 N
From:	Lat/Long	Easting:	2,007,574.06 usft	Longitude:	110° 11' 4.750 W
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16"	Grid Convergence:	0.84 °

Well	LUSTY 2-11-3-3WH					
Well Position	+N/-S	0.00 ft	Northing:	7,260,180.83 usft	Latitude:	40° 14' 37.190 N
	+E/-W	0.00 ft	Easting:	2,007,574.06 usft	Longitude:	110° 11' 4.750 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,306.80 ft

Wellbore	LUSTY 2-11-3-3WH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	8/1/2012	11.29	65.88	52,189

Design	LUSTY 2-11-3-3WH			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	189.57

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,628.00	0.00	0.00	8,628.00	0.00	0.00	0.00	0.00	0.00	0.00	
9,552.50	92.45	213.70	9,200.44	-497.05	-331.49	10.00	10.00	0.00	213.70	
9,777.50	92.45	213.70	9,190.82	-684.07	-456.22	0.00	0.00	0.00	0.00	
10,899.82	92.45	180.00	9,141.43	-1,741.76	-776.55	3.00	0.00	-3.00	-89.26	
13,766.04	92.45	180.00	9,019.00	-4,605.37	-776.49	0.00	0.00	0.00	0.00	PBHL - LUSTY 2-11-3



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well LUSTY 2-11-3-3WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	PIONEER 68 @ 5324.80ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	PIONEER 68 @ 5324.80ft (Original Well Elev)
Site:	LUSTY 2-11-3-3WH	North Reference:	True
Well:	LUSTY 2-11-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	LUSTY 2-11-3-3WH		
Design:	LUSTY 2-11-3-3WH		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
Start Build 10.00										
8,628.00	0.00	0.00	8,628.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,700.00	7.20	213.70	8,699.81	-3.76	-2.51	4.12	10.00	10.00	0.00	
8,800.00	17.20	213.70	8,797.43	-21.32	-14.22	23.18	10.00	10.00	0.00	
8,900.00	27.20	213.70	8,889.90	-52.71	-35.15	57.82	10.00	10.00	0.00	
9,000.00	37.20	213.70	8,974.41	-96.99	-64.68	106.39	10.00	10.00	0.00	
9,100.00	47.20	213.70	9,048.40	-152.80	-101.91	177.62	10.00	10.00	0.00	
9,200.00	57.20	213.70	9,109.61	-218.46	-149.09	239.64	10.00	10.00	0.00	
9,300.00	67.20	213.70	9,156.19	-291.96	-194.71	320.26	10.00	10.00	0.00	
9,400.00	77.20	213.70	9,186.72	-371.07	-247.47	407.05	10.00	10.00	0.00	
9,500.00	87.20	213.70	9,200.27	-453.38	-302.37	497.35	10.00	10.00	0.00	
Start 225.00 hold at 9552.50 MD										
9,552.50	92.45	213.70	9,200.47	-497.05	-331.49	545.25	10.00	10.00	0.00	
9,600.00	92.45	213.70	9,159.40	-336.53	-357.82	588.56	0.00	0.00	0.00	
9,700.00	92.45	213.70	9,194.14	-619.65	-413.26	679.74	0.00	0.00	0.00	
Start DLS 3.00 TFO -89.26 - 7"										
9,777.50	92.45	213.70	9,190.82	-684.07	-456.22	750.40	0.00	0.00	0.00	
9,800.00	92.46	213.02	9,189.85	-702.84	-468.58	770.97	3.00	0.04	-3.00	
9,900.00	92.49	210.02	9,185.53	-788.00	-520.81	863.62	3.00	0.03	-3.00	
10,000.00	92.52	207.02	9,181.16	-875.77	-568.51	958.10	3.00	0.03	-3.00	
10,100.00	92.54	204.02	9,176.75	-965.92	-611.54	1,054.15	3.00	0.02	-3.00	
10,200.00	92.55	201.01	9,172.30	-1,058.19	-649.79	1,151.50	3.00	0.01	-3.00	
10,300.00	92.56	198.01	9,167.84	-1,152.34	-683.15	1,249.89	3.00	0.01	-3.00	
10,400.00	92.56	195.01	9,163.38	-1,248.12	-711.54	1,349.04	3.00	0.00	-3.00	
10,500.00	92.55	192.00	9,158.92	-1,345.24	-734.86	1,448.70	3.00	-0.01	-3.00	
10,600.00	92.53	189.00	9,154.49	-1,443.46	-753.07	1,548.57	3.00	-0.01	-3.00	
10,700.00	92.51	186.00	9,150.08	-1,542.50	-766.11	1,648.40	3.00	-0.02	-3.00	
10,800.00	92.48	183.00	9,145.73	-1,642.08	-773.94	1,747.90	3.00	-0.03	-3.00	
Start 2866.22 hold at 10899.82 MD										
10,899.82	92.45	180.00	9,141.43	-1,741.76	-776.55	1,846.63	3.00	-0.04	-3.00	
10,900.00	92.45	180.00	9,141.42	-1,741.94	-776.55	1,846.81	0.00	0.00	0.00	
11,000.00	92.45	180.00	9,137.15	-1,841.85	-776.55	1,945.33	0.00	0.00	0.00	
11,100.00	92.45	180.00	9,132.88	-1,941.76	-776.55	2,043.84	0.00	0.00	0.00	
11,200.00	92.45	180.00	9,128.61	-2,041.67	-776.54	2,142.36	0.00	0.00	0.00	
11,300.00	92.45	180.00	9,124.34	-2,141.58	-776.54	2,240.88	0.00	0.00	0.00	
11,400.00	92.45	180.00	9,120.06	-2,241.49	-776.54	2,339.40	0.00	0.00	0.00	
11,500.00	92.45	180.00	9,115.79	-2,341.40	-776.54	2,437.91	0.00	0.00	0.00	
11,600.00	92.45	180.00	9,111.52	-2,441.30	-776.54	2,536.43	0.00	0.00	0.00	
11,700.00	92.45	180.00	9,107.25	-2,541.21	-776.53	2,634.95	0.00	0.00	0.00	
11,800.00	92.45	180.00	9,102.98	-2,641.12	-776.53	2,733.47	0.00	0.00	0.00	
11,900.00	92.45	180.00	9,098.71	-2,741.03	-776.53	2,831.99	0.00	0.00	0.00	
12,000.00	92.45	180.00	9,094.44	-2,840.94	-776.53	2,930.50	0.00	0.00	0.00	
12,100.00	92.45	180.00	9,090.16	-2,940.85	-776.52	3,029.02	0.00	0.00	0.00	
12,200.00	92.45	180.00	9,085.89	-3,040.76	-776.52	3,127.54	0.00	0.00	0.00	
12,300.00	92.45	180.00	9,081.62	-3,140.67	-776.52	3,226.06	0.00	0.00	0.00	
12,400.00	92.45	180.00	9,077.35	-3,240.57	-776.52	3,324.58	0.00	0.00	0.00	
12,500.00	92.45	180.00	9,073.08	-3,340.48	-776.52	3,423.09	0.00	0.00	0.00	
12,600.00	92.45	180.00	9,068.81	-3,440.39	-776.51	3,521.61	0.00	0.00	0.00	
12,700.00	92.45	180.00	9,064.54	-3,540.30	-776.51	3,620.13	0.00	0.00	0.00	
12,800.00	92.45	180.00	9,060.26	-3,640.21	-776.51	3,718.65	0.00	0.00	0.00	





Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well LUSTY 2-11-3-3WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	PIONEER 68 @ 5324.80ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	PIONEER 68 @ 5324.80ft (Original Well Elev)
Site:	LUSTY 2-11-3-3WH	North Reference:	True
Well:	LUSTY 2-11-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	LUSTY 2-11-3-3WH		
Design:	LUSTY 2-11-3-3WH		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
12,900.00	92.45	180.00	9,055.99	-3,740.12	-776.51	3,817.16	0.00	0.00	0.00	
13,000.00	92.45	180.00	9,051.72	-3,840.03	-776.51	3,915.68	0.00	0.00	0.00	
13,100.00	92.45	180.00	9,047.45	-3,939.94	-776.50	4,014.20	0.00	0.00	0.00	
13,200.00	92.45	180.00	9,043.18	-4,039.84	-776.50	4,112.72	0.00	0.00	0.00	
13,300.00	92.45	180.00	9,038.91	-4,139.75	-776.50	4,211.24	0.00	0.00	0.00	
13,400.00	92.45	180.00	9,034.64	-4,239.66	-776.50	4,309.76	0.00	0.00	0.00	
13,500.00	92.45	180.00	9,030.36	-4,339.57	-776.50	4,408.27	0.00	0.00	0.00	
13,600.00	92.45	180.00	9,026.09	-4,439.48	-776.49	4,506.79	0.00	0.00	0.00	
13,700.00	92.45	180.00	9,021.82	-4,539.39	-776.49	4,605.31	0.00	0.00	0.00	
TD at 13766.04 - PBHL - LUSTY 2-11-3-3WH										
13,766.04	92.45	180.00	9,019.00	-4,605.37	-776.49	4,670.37	0.00	0.00	0.00	

Design Targets										
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
PBHL - LUSTY 2-11-3-3' - plan hits target center - Point	0.00	0.00	9,019.00	-4,605.37	-776.49	7,255,564.55	2,006,865.38	40° 13' 51.676 N	110° 11' 14.762 W	

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)		Name	Casing Diameter (")	Hole Diameter (")	
9,777.50	9,190.82	7"		7	7-7/8	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
8,628.00	8,628.00	0.00	0.00	Start Build 10.00	
9,552.50	9,200.44	-497.05	-331.49	Start 225.00 hold at 9552.50 MD	
9,777.50	9,190.82	-684.07	-456.22	Start DLS 3.00 TFO -89.26	
10,899.82	9,141.43	-1,741.76	-776.55	Start 2866.22 hold at 10899.82 MD	
13,766.04	9,019.00	-4,605.37	-776.49	TD at 13766.04	

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 Lusty 2-11-3-3WH well with a surface location to be positioned in the NWNENE of Section 11, Township 3 South, Range 3 West, Duchesne County, Utah (the "Drillsite Location"), a wellbore point of entry in the NWNE of Section 11, Township 3 South, Range 3 West and a bottom hole location to be positioned in the SWSE of Section 11, Township 3 South, Range 3 West, Duchesne County, Utah. The surface owner of the Drillsite Location is David A. Evans and Alicia L. Evans, whose address is HC 64 Box 390, Duchesne, UT 84021 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated April 10, 2012 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

CONFIDENTIAL

Greg Boggs

ACKNOWLEDGEMENT

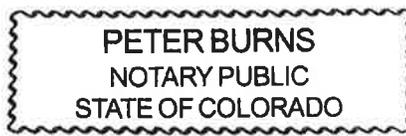
STATE OF COLORADO §
 §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 15th day of June, 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.

P. Burns

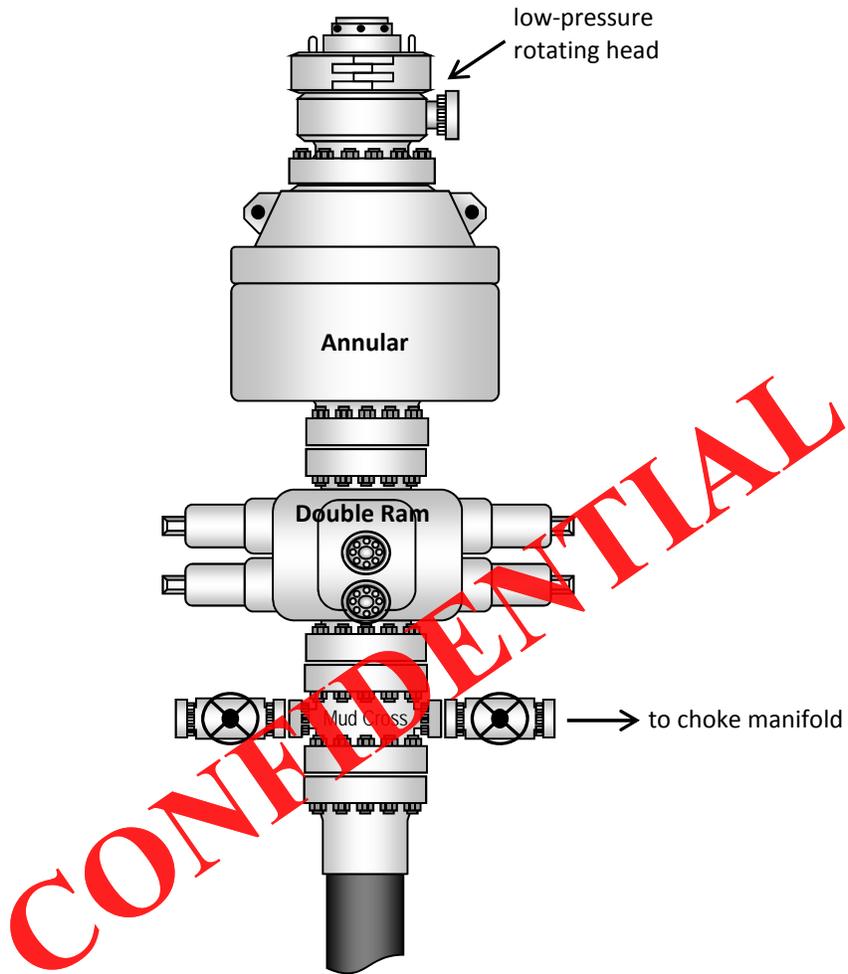
NOTARY PUBLIC

My Commission Expires:

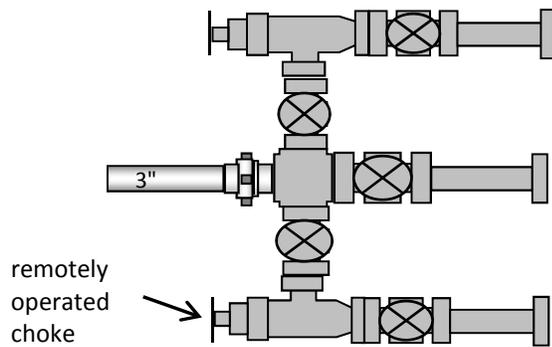


My Commission Expires 8/09/2015

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

2-11-3-3WH

1-11-3-3W

Pad Location: NENE Section 11, T3S, R3W, U.S.B.&M.



Proposed Access Road

Exist. Drainage

TOP HOLE FOOTAGES

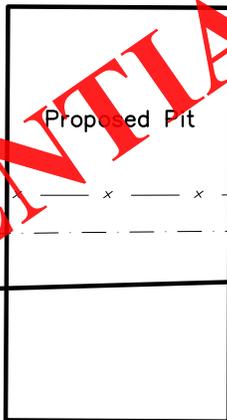
2-11-3-3WH
30' FNL & 1120' FEL
1-11-3-3W
60' FNL & 1121' FEL

BOTTOM HOLE FOOTAGES

2-11-3-3WH
660' FSL & 1980' FEL
1-11-3-3W
660' FNL & 1109' FEL

TOP OF PRODUCING INTERVAL FOOTAGES

2-11-3-3WH
660' FNL & 1980' FEL



Proposed Pit

Exist. Fence (Typ.)

Exist. Irrigation Ditch to be Abandoned

Sec. 2

Sec. 11

Section Line

CONFIDENTIAL

2-11-3-3WH

1-11-3-3W

Edge of Proposed Pad

S52°21'34"W - 1070.98'
(To Top of Producing Interval)

S09°34'05"W - 4670.26'
(To Bottom Hole)

S02°10'48"E - 599.97'
(To Bottom Hole)

1/16 Section Line

Note:
Bearings are based on GPS Observations.

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
2-11-3-3WH	-4,605'	-776'
1-11-3-3W	-600'	23'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
2-11-3-3WH	40° 14' 37.19"	110° 11' 04.75"
1-11-3-3W	40° 14' 36.89"	110° 11' 04.75"

SURVEYED BY: S.H.	DATE SURVEYED: 04-17-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 12-14-11	v9
SCALE: 1" = 60'	REVISED: R.B.T. 05-11-12	

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

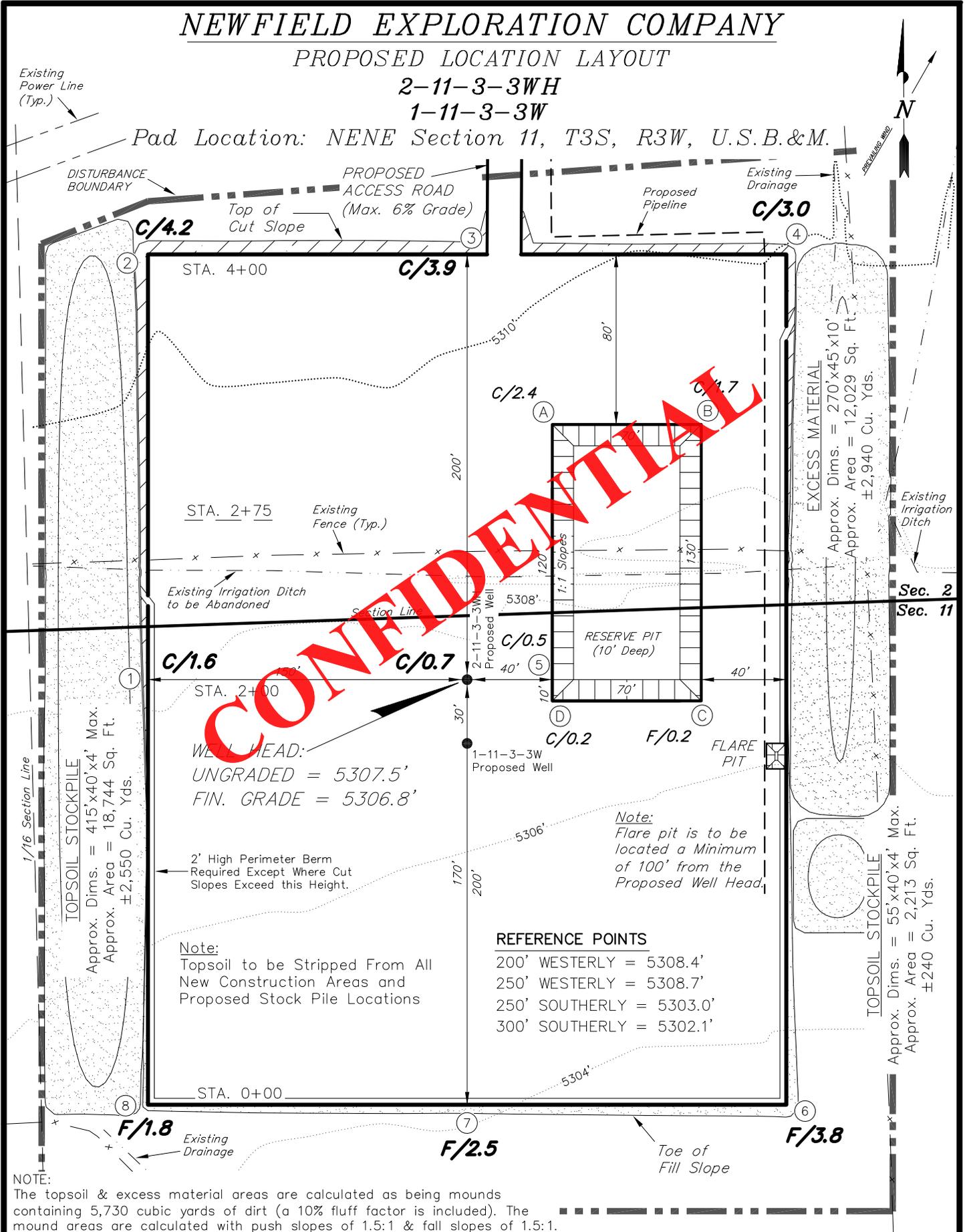
NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

2-11-3-3WH

1-11-3-3W

Pad Location: NENE Section 11, T3S, R3W, U.S.B.&M.



CONFIDENTIAL

WELL HEAD:
 UNGRADED = 5307.5'
 FIN. GRADE = 5306.8'

Note:
 Topsoil to be Stripped From All
 New Construction Areas and
 Proposed Stock Pile Locations

REFERENCE POINTS
 200' WESTERLY = 5308.4'
 250' WESTERLY = 5308.7'
 250' SOUTHERLY = 5303.0'
 300' SOUTHERLY = 5302.1'

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

NOTE:
 The topsoil & excess material areas are calculated as being mounds
 containing 5,730 cubic yards of dirt (a 10% fluff factor is included). The
 mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY: S.H.	DATE SURVEYED: 04-17-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 12-14-11	V9
SCALE: 1" = 60'	REVISED: R.B.T. 05-11-12	

(435) 781-2501

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

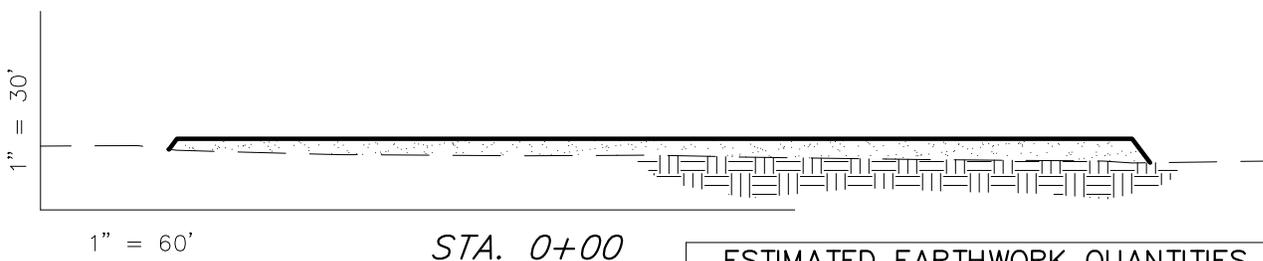
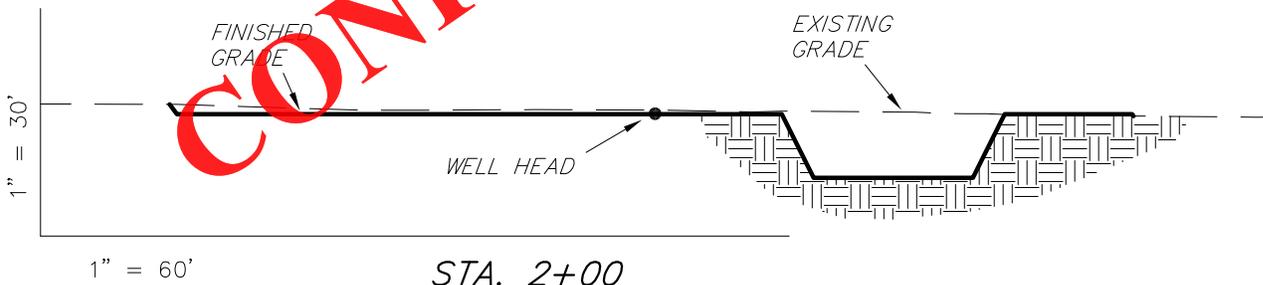
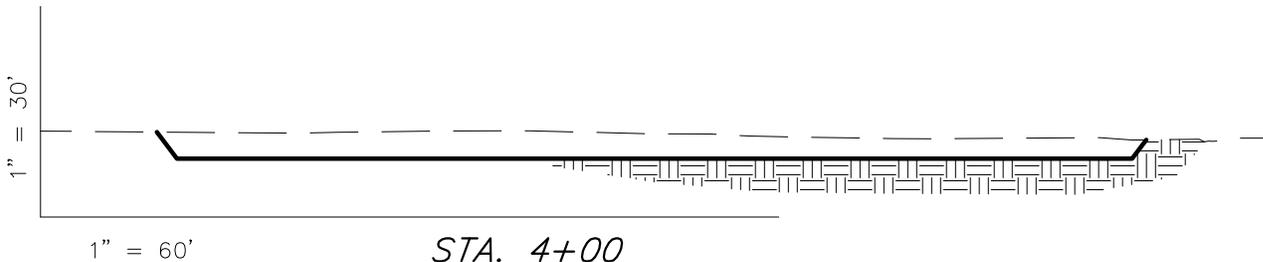
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

2-11-3-3WH

1-11-3-3W

Pad Location: NENE Section 11, T3S, R3W, U.S.B.&M.



CONFIDENTIAL

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,830	3,830	Topsoil is not included in Pad Cut Volume	0
PIT	2,670	0		2,670
TOTALS	6,500	3,830	2,540	2,670

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

SURVEYED BY: S.H.	DATE SURVEYED: 04-17-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 12-14-11	v9
SCALE: 1" = 60'	REVISED: R.B.T. 05-11-12	

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180 NORTH VERNAL AVE. VERNAL, UTAH 84078

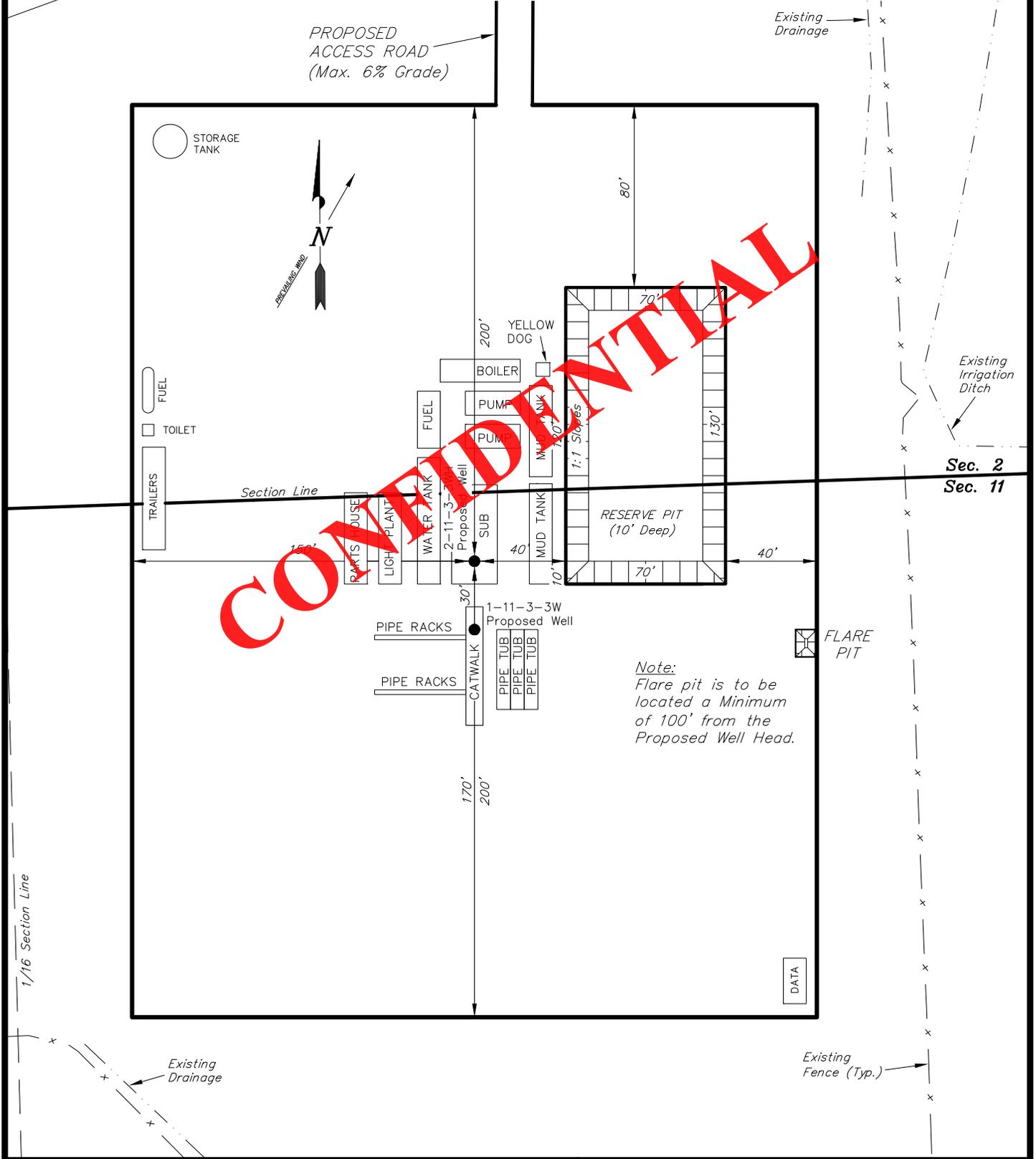
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

2-11-3-3WH

1-11-3-3W

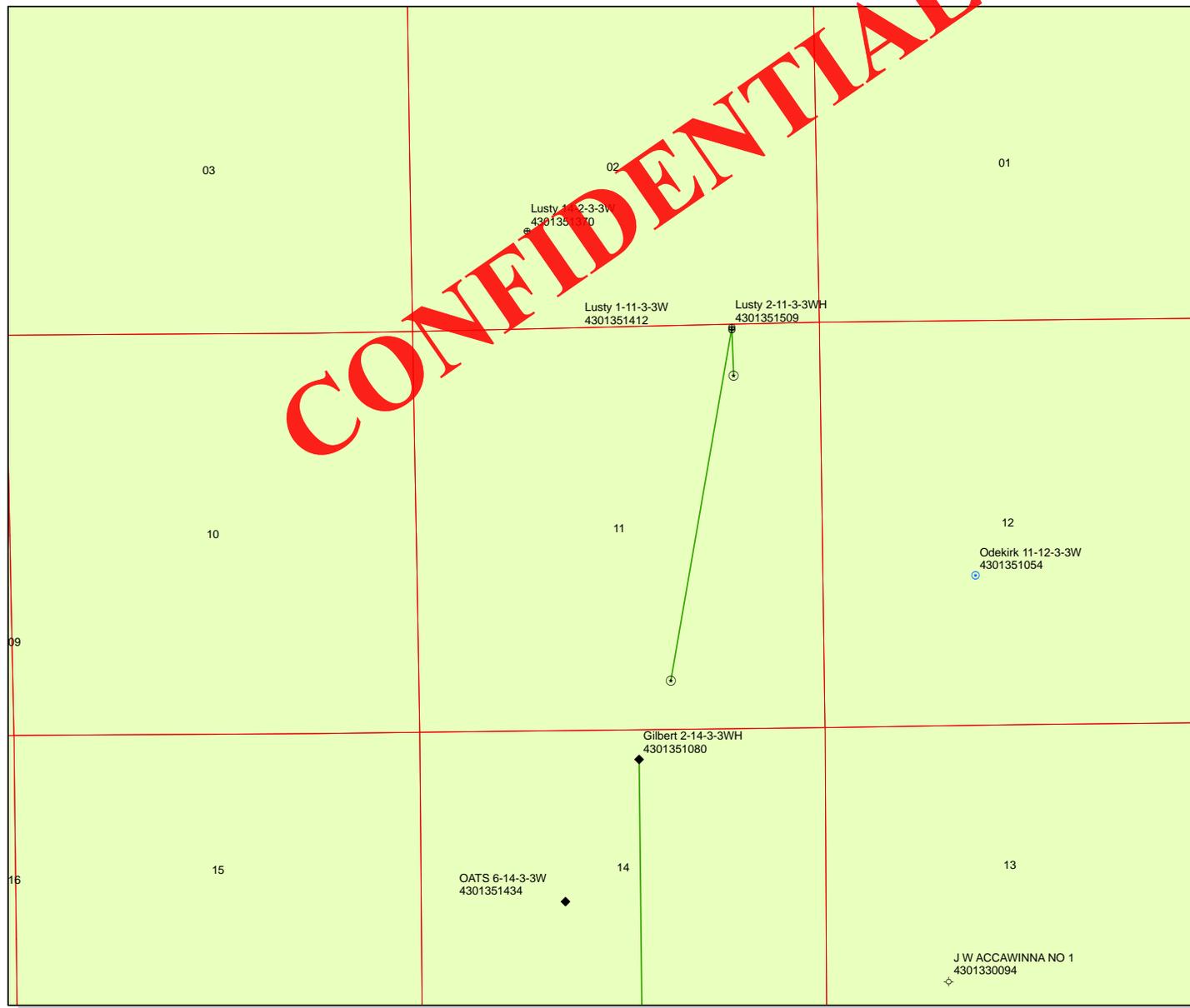
Pad Location: NENE Section 11, T3S, R3W, U.S.B.&M.



SURVEYED BY: S.H.	DATE SURVEYED: 04-17-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 12-14-11	v9
SCALE: 1" = 60'	REVISED: R.B.T. 05-11-12	

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

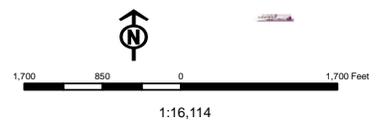
CONFIDENTIAL



API Number: 4301351509
Well Name: Lusty 2-11-3-3WH
 Township T03.0S Range R03.0W Section 11
 Meridian: UBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------|------------------------------------|
| Units | Wells Query |
| STATUS | STATUS |
| ACTIVE | APD - Approved Permit |
| EXPLORATORY | DDL - Spudded (Drilling Commenced) |
| GAS STORAGE | GIW - Gas Injection |
| NF PP OIL | GS - Gas Storage |
| NF SECONDARY | LOC - New Location |
| P1 OIL | OPS - Operation Suspended |
| PP GAS | PA - Plugged Abandoned |
| PP GEOTHERML | PGW - Producing Gas Well |
| PP OIL | POW - Producing Oil Well |
| SECONDARY | SGW - Shut-in Gas Well |
| TERMINATED | SOW - Shut-in Oil Well |
| Fields | TA - Temp. Abandoned |
| STATUS | TW - Test Well |
| Unknown | WDW - Water Disposal |
| ABANDONED | WW - Water Injection Well |
| ACTIVE | WSW - Water Supply Well |
| COMBINED | Bottom Hole Location - Oil/Gas/DB |
| INACTIVE | |
| STORAGE | |
| TERMINATED | |





July 24, 2012

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

RE: **Lusty 2-11-3-3WH**
Section 11, T3S, R3W
Duchesne County, Utah

Dear Brad,

Newfield Production Company proposes to drill the Lusty 2-11-3-3WH from a surface location of 30' FNL and 1120' FEL of Section 11, T3S, R3W. Newfield shall case and cement the Lusty 2-11-3-3WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL of Section 11, T3S, R3W. 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 and its partners own a 100% working interest in the northern offset drilling and spacing unit (Section 2, T3S, R3W) in which Newfield is operator of the Lusty 14-2-3-3W. Due to the above circumstances, Newfield respectfully requests that DOGM administratively grant an exception location for the Lusty 2-11-3-3WH.

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 black ink that reads "Laura B. Smith".

Laura B. Smith
Land Lead



August 2, 2012

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

RE: **Lusty 2-11-3-3WH**
Section 11, T3S, R3W
Duchesne County, Utah

Dear Brad,

Newfield Production Company proposes to drill the Lusty 2-11-3-3WH from a surface location of 30' FNL and 1120' FEL of Section 11, T3S, R3W. Newfield shall case and cement the Lusty 2-11-3-3WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL of Section 11, T3S, R3W. The cased and cemented portion of the wellbore shall not be perforated nor produced. Newfield and its partners own a 100% working interest in the northern offset drilling and spacing unit (Section 2, T3S, R3W) in which Newfield is operator of the Lusty 14-2-3-3W. 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.

In order to mitigate impact to the surface, Newfield proposed to drill the Lusty 2-11-3-3WH from the same well pad as the Lusty 1-11-3-3W. Inasmuch, the two wellbores shall be closer than 1320' as required by Order 139-90. Please be advised that the Uteland Butte shall not be completed in the Lusty 1-11-3-3W wellbore and only the Uteland Butte shall be completed in the Lusty 2-11-3-3WH wellbore.

Due to the above circumstances, Newfield respectfully requests that DOGM administratively grant an exception location for the Lusty 2-11-3-3WH.

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 black ink that reads "Laura B. Smith". The signature is written in a cursive style.

Laura B. Smith
Land Lead

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Lusty 2-11-3-3WH
API Number 43013515090000 **APD No** 6242 **Field/Unit** WILDCAT
Location: 1/4,1/4 NENE **Sec** 11 **Tw** 3.0S **Rng** 3.0W 30 FNL 1120 FEL
GPS Coord (UTM) 569349 4455122 **Surface Owner** David A. Evans and Alicia L. Evans

Participants

Chris Jensen Originally evaluated on May 30 2012

Regional/Local Setting & Topography

New hole on existing pad. Host well Lusty 1-11 original statement;

The proposed action is in the Arcadia area in Duchesne County in a river floodplain below the North Myton bench. The location is bordered on 2 sides by the Lake Fork River. Currently the site is productive farm land in use as summer pasture. The city of Myton can be found approximately 8 miles East with Sand Wash Reservoir 3 miles North. The area is characterized by clayey sandy soils with slopes of < 2% and a high water table surrounded by terracing and benches, both North and South, of several different elevations capped by sandstone cliffs over 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
Existing Well Pad

New Road Miles	Well Pad Width Length	Src Const Material	Surface Formation
			UNTA

Ancillary Facilities

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands Y

no riparian vegetation or wetland indicator species although in a flood plain

Flora / Fauna

Productive pasture- No or few native plant species

Disturbed soils are not habitat for wild life

Soil Type and Characteristics

imported clastic materials

Erosion Issues Y**Sedimentation Issues** Y**Site Stability Issues** N**Drainage Diversion Required?** N**Berm Required?** Y**Erosion Sedimentation Control Required?** Y**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)	20
Distance to Surface Water (feet)	20
Dist. Nearest Municipal Well (ft) 1220 to 5280	5
Distance to Other Wells (feet)	20
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 Not Present	0
Final Score	85 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?** Y**Other Observations / Comments**

Surface owner asked for and was granted some special conditions at the presite;
 Fencing of the entire pad to keep out livestock
 Fencing along the East side of property boundary
 cattle guards at all fenceline crossings
 gate where the access road enters his property
 soils stockpiling to be contained inside the fence

Chris Jensen
Evaluator

7/2/2012
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
6242	43013515090000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	David A. Evans and Alicia L. Evans	
Well Name	Lusty 2-11-3-3WH		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	NENE 11 3S 3W U 30 FNL (UTM) 569344E 4455116N		1120 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 1,700'. Air and or fresh water will be used to drill the entire surface hole. A search of Division of Water Rights records shows 12 water wells within a 10,000 foot radius of the center of Section 11. Depth is listed as ranging from 42 to 300 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 ground water in this area.

Brad Hill
APD Evaluator

8/1/2012
Date / Time

Surface Statement of Basis

Due to the troubles and issues experienced during drilling of the host well. New hole will not be drilled by air rig but, with fresh water and an excess of cement slurry will be used during surface casing cementing (35 % was inadequate).

Original SOB for host well;

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 a place that minimizes disruption of farming operations and is within the spacing window. Access road is going enter the North end of pad.

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 and was 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. Fencing of location to protect livestock during drilling and thereafter.

Chris Jensen
Onsite Evaluator

7/2/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Drilling	Only fresh water or a closed loop system may be used during surface casing drilling
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

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WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/27/2012

API NO. ASSIGNED: 43013515090000

WELL NAME: Lusty 2-11-3-3WH

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NENE 11 030S 030W

Permit Tech Review:

SURFACE: 0030 FNL 1120 FEL

Engineering Review:

BOTTOM: 0660 FSL 1980 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.24362

LONGITUDE: -110.18472

UTM SURF EASTINGS: 569344.00

NORTHINGS: 4455116.00

FIELD NAME: WILDCAT

LEASE TYPE: 1 - Federal

LEASE NUMBER: 14-20-H62-6017

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: FEDERAL - RLB00100473
- 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: 5/9/2012
- Siting: (4) Producing Grrv-Wstc Wells in Sec Drl Unit
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 1 - Exception Location - bhll
4 - Federal Approval - dmason
5 - Statement of Basis - bhll
27 - Other - bhll



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: Lusty 2-11-3-3WH
API Well Number: 43013515090000
Lease Number: 14-20-H62-6017
Surface Owner: FEE (PRIVATE)
Approval Date: 8/8/2012

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

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

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:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

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

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.

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 at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

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:



For John Rogers
Associate Director, Oil & Gas

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 18 2012

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

CONFIDENTIAL

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 1420H626017
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator NEWFIELD PRODUCTION COMPANY Contact: DON S HAMILTON Email: starpoint@etv.net		7. If Unit or CA Agreement, Name and No.
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052		8. Lease Name and Well No. LUSTY 2-11-3-3WH
3b. Phone No. (include area code) Ph: 435-719-2018 Fx: 435-719-2019		9. API Well No. 43-013-S1509
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NENE 30FNL 1120FEL 40.243664 N Lat, 110.184653 W Lon At proposed prod. zone SWSE 660FSL 1980FEL		10. Field and Pool, or Exploratory N/A
14. Distance in miles and direction from nearest town or post office* 9.2 MILES NORTHWEST OF MYTON, UTAH		11. Sec., T., R., M., or Blk. and Survey or Area Sec 11 T3S R3W Mer UBM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 30	16. No. of Acres in Lease 40.00	12. County or Parish DUCHESNE
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 0	19. Proposed Depth 13766 MD 9019 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5308 GL	22. Approximate date work will start 08/15/2012	17. Spacing Unit dedicated to this well 40.00
		20. BLM/BIA Bond No. on file RLB00100473
		23. Estimated duration 60 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) DON S HAMILTON Ph: 435-719-2018	Date 06/15/2012
Title PERMITTING AGENT		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	SEP 24 2012
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

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.

Additional Operator Remarks (see next page)

Electronic Submission #140792 verified by the BLM Well Information System
For NEWFIELD PRODUCTION COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE ROBINSON on 06/19/2012 ()

NOTICE OF APPROVAL

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

RECEIVED

OCT 09 2012

UDOGM
DIV OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Lusty 2-11-3-3WH
API No: 43-013-51509

Location: NENE, Sec. 11, T3S, R3W
Lease No: 14-20-H62-6017
Agreement:

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- **The ditch at location Ute Tribal 4-24-3-2WH will be diverted.**
- **Location Ute Tribal 7-19-3-3W will need a diversion on the west side to reroute water to the south.**
- **A drainage diversion will be constructed on the western side by corner 2 of proposed location Ute Tribal 6-29-3-3W.**

Wildlife

- **Burrowing owls must be fledged at location 1-2-4-3WH before construction or drilling.**

Standard Operating Procedures:

- After cessation of drilling and completion operations, any visible or measurable layer of oil must be removed from the surface of the reserve pit and the pit kept free of oil.
- Pits must be free of oil and other liquid and solid wastes prior to filling. Pit liners must not be breached (cut) or filled (squeezed) while still containing fluids. The pit liner must be removed to the solids level or treated to prevent its reemergence to the surface or its interference with long-term successful revegetation.
- Reclamation will be completed in accordance with the recontouring and reseeding procedures outlined in the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM, unless otherwise specified by the private surface owner.
- The surface conditions as set forth by the owners and/or agencies.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Gamma Ray Log shall be run from Total Depth to Surface.
- Surface casing cement will be circulated to surface.

Variances Granted

Air Drilling

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" bends.
- Automatic igniter. Variance granted for igniter due to water mist.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to BLM_UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ($\frac{1}{4}$ Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Alexis Huefner - FW: Re: Newfield Production - Lusty 2-11-3-3W BOP Test Notice

From: Jennifer Peatross <JPeatross@newfield.com>
To: "Alexis Huefner (alexishuefner@utah.gov)" <alexishuefner@utah.gov>
Date: 10/24/2012 10:23 AM
Subject: FW: Re: Newfield Production - Lusty 2-11-3-3W BOP Test Notice

Alexis,

Cherei sent the following information back to me, with an explanation that she didn't want to create another notice in case Branden already sent one off – but the info is here. If you need anything else, let me know.

Jennifer Peatross
Technician.Production
Completions Group
Office: 435-646-4885

CONFIDENTIAL



From: Cherei Neilson
Sent: Wednesday, October 24, 2012 10:12 AM
To: Jennifer Peatross
Subject: RE: Re: Newfield Production - Lusty 2-11-3-3W BOP Test Notice

The Spud Date for this well is 9/23/12 Ross #31 for the Conductor and 9/28/12 set surface casing.

Cherei Neilson
Technician.Drilling
Office: 435-646-4883

4301351509
NENE 11 3S 3W



From: Jennifer Peatross
Sent: Wednesday, October 24, 2012 9:14 AM
To: Cherei Neilson
Subject: FW: Re: Newfield Production - Lusty 2-11-3-3W BOP Test Notice

Since Brandon is out, can you help me with this?

Jennifer Peatross
Technician.Production
Completions Group
Office: 435-646-4885

NEWFIELD



From: Alexis Huefner [<mailto:alexishuefner@utah.gov>]
Sent: Wednesday, October 24, 2012 8:43 AM
To: Jennifer Peatross
Subject: Fwd: Re: Newfield Production - Lusty 2-11-3-3W BOP Test Notice

Hi Jennifer,
I sent this in reply to the BOP test notice but have not heard back. Can you find out the dry SPUD date for the referenced well and let me know?
Thanks,
Alexis

>>> Alexis Huefner 10/22/2012 8:51 AM >>>
The division is missing the dry spud notice for this well. Please email that to me.
Thank you,
Alexis

Alexis Huefner
Division of Oil, Gas & Mining
Office Tech II
alexishuefner@utah.gov
Phone: 801-538-5302
Fax: 801-359-3940

>>> "Pioneer 68" <den_pio68@nfxrig.com> 10/19/2012 8:04 AM >>>

Operator: Newfield Production Company
Well Name: Lusty 2-11-3-3W
Rig: Pioneer #68
Legals: 30' FNL, 1120' FEL, Sec. 11-T3S-R3W
Duchesne County, Utah
API #: 43-013-51509-0000
Contact: See Below

Est. BOP Test: 08:00 10/20/2012

NEWFIELD



Richard McNeill
Newfield Drilling Supervisor
Pioneer 68
Office 970 361-3263
Cell 720 339-7239
den_pio68@nfxrig.com

No page 3 (Blank)
AA

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

CONFIDENTIAL

FILE IDENTIFICATION AND SERIAL NUMBER:
Lusty 2-11-3-3WH

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. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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: LUSTY 2-11-3-3WH
PHONE NUMBER 435.646.3721		9. API NUMBER: 4301351509
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		10. FIELD AND POOL, OR WILDCAT: UINTA CENTRAL BASIN
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE NE , 11, T3S, R3W		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"/> TEMPORARILY 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: <u>09/25/2012</u>	<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 9/23/12 MIRU Ross #31. Spud well @ 1:00 PM. Drill 66' of 17 1/2" hole with air mist. TIH W/ 2 Jt's 14" H-40 36.75# csgn. Set @ 84. On 9/25/12 cement with 90 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 6 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Branden Arnold TITLE _____
SIGNATURE *Branden Arnold* DATE 10/17/2012

(This space for State use only)

RECEIVED
OCT 26 2012
DIV. OF OIL, GAS & MINING

Casing / Liner Detail

Well: Lusty 2-11-3-3WH
 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
2,517.88			18' KB		
18.00	1.42		Wellhead		
19.42	2458.44	56	9 5/8 Casing	9.625	
2,477.86	1.52		Float Collar	9.625	
2,479.38	36.50	1	Shoe Joint	9.625	
2,515.88	2.00		Guide Shoe	9.625	
2,517.88			-		

Cement Detail

Cement Company: BJ						
Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft ³)	Description - Slurry Class and Additives	
Slurry 2	240	15.5	1.17	280.8	Class "G"+2%CaCl	
Slurry 1	560	12.5	1.97	1103.2	Premium Lite II	
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:	1575
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:			190.5		CIP:	16:48
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.						



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	4304752407	GMBU K-11-9-17	SWNW	12	9S	17E	UINTAH	10/12/2012	10/31/12
WELL 1 COMMENTS: <i>GRRV BHL: S11 Nese</i> Surface well location is 9S-17E											
A	99999	18780	4301351509	LUSTY 2-11-3-3WH	<i>none</i>	11	3S	3W	DUCHESNE	9/25/2012	10/31/12
<i>GRRV BHL: SWSW</i> CONFIDENTIAL											
B	99999	17400	4301351169	GMBU J-18-9-16	SWNW	17	9S	16E	DUCHESNE	10/11/2012	10/31/12
<i>GRRV BHL: S18 none</i>											
B	99999	17400	4304752408	GMBU N-12-9-17	SWNW	12	9S	17E	UINTAH	10/13/2012	10/31/12
<i>GRRV BHL: NWSW</i>											
B	99999	17400	4301351247	GMBU X-9-9-17	NENW	16	9S	17E	DUCHESNE	10/16/2012	10/31/12
Surface well location is 16-9S-17E											
A	99999	18781	4301351542	UTE TRIBAL 7-12-3-4W	SWNE	12	3S	4W	DUCHESNE	10/22/2012	10/31/12
<i>WSTC</i> CONFIDENTIAL											

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

RECEIVED
OCT 30 2012

Tasha Robison
Signature
Tasha Robison
Production Clerk

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

Div. of Oil, Gas & Mining

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6017
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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:
		8. WELL NAME and NUMBER: LUSTY 2-11-3-3WH
1. TYPE OF WELL Oil Well	9. API NUMBER: 43013515090000	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. FIELD and POOL or WILDCAT: WILDCAT	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	COUNTY: DUCHESNE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0030 FNL 1120 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 11 Township: 03.0S Range: 03.0W Meridian: U	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"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 1/1/2013	<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 checked="" 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"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<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 OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The above well was placed on production on 01/01/2013 at 05:30 hours. Production Start sundry re-sent 07/10/2013.</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 11, 2013</p>		
NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician
SIGNATURE N/A	DATE 7/10/2013	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
1420H626017

6. If Indian, Allottee or Tribe Name
UINTAH AND OURAY

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
LUSTY 2-11-3-3WH

9. API Well No.
43-013-51509

10. Field and Pool or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., on Block and Survey or Area
SEC 11 T3S R3W Mer UBM

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
09/23/2012

15. Date T.D. Reached
11/16/2012

16. Date Completed
03/12/2013
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5308' GL 5326' KB

18. Total Depth: MD 13400'
TVD 8985'

19. Plug Back T.D.: MD 13360'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, 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)

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3. Address ROUTE #3 BOX 3630
MYTON, UT 84052

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 30' FNL 1120' FEL (NE/NE) SEC 11 T3S R3W
At top prod. interval reported below 826' FNL 1849' FEL (NW/NE) SEC 11 T3S R3W
At total depth 695' FSL 1945' FEL (SW/SE) SEC 11 T3S R3W

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13-1/2"	9-5/8" J-55	36	0'	2518'		240 CLASS G			
						560 Premium lite		0'	
8-7/8"	7" P-110	26	0'	9519'		450 Bondcem			
						660 Versacem			
6-1/4"	4.5" P-110	13.5	8604'	13455'		360 Elastiseal			

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@9110'	XN@9102'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	9596'	13326'	9596' - 13326' MD	0.40	285	
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9596' - 13326' MD	Frac w/ 1,912,592#s of 20/40 white sand in 35,948 bbls of Lightning 17 fluid, in 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
1/1/2013	1/10/13	24	➔	601	450	398			GAS LIFT
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	
			➔						

*(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.)

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 MARK GARDEN GULCH 1	6822' 7095'
				GARDEN GULCH 2 DOUGLAS CREEK	7259' 7929'
				B LIMESTONE LOWER BLACK SHALE	8283' 8714'
				CASTLE PEAK UTELAND BUTTE	8827' 9138'
				UTELAND BUTTE C WASATCH	9197' 9282'

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: Drilling daily activity

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) Heather Calder Title Regulatory Technician
 Signature Heather Calder Date 04/02/2014

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.

NEWFIELD



NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT

LUSTY 2-11-3-3WH

LUSTY 2-11-3-3WH

LUSTY 2-11-3-3WH

Survey: Survey #1

Standard Survey Report

16 November, 2012



Weatherford®



Company:	NEWFIELD EXPLORATION CO.	Local Co-ordinate Reference:	Well LUSTY 2-11-3-3WH
Project:	DUCHESNE COUNTY, UT	TVD Reference:	PIONEER 68 @ 5324.80ft (Original Well Elev)
Site:	LUSTY 2-11-3-3WH	MD Reference:	PIONEER 68 @ 5324.80ft (Original Well Elev)
Well:	LUSTY 2-11-3-3WH	North Reference:	True
Wellbore:	LUSTY 2-11-3-3WH	Survey Calculation Method:	Minimum Curvature
Design:	LUSTY 2-11-3-3WH	Database:	EDM 5000.1 Single User Db

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	LUSTY 2-11-3-3WH				
Site Position:		Northing:	7,260,180.83 usft	Latitude:	40° 14' 37.190 N
From:	Lat/Long	Easting:	2,007,574.06 usft	Longitude:	110° 11' 4.750 W
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16"	Grid Convergence:	0.84 °

Well	LUSTY 2-11-3-3WH					
Well Position	+N/-S	0.00 ft	Northing:	7,260,180.83 usft	Latitude:	40° 14' 37.190 N
	+E/-W	0.00 ft	Easting:	2,007,574.06 usft	Longitude:	110° 11' 4.750 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,306.80 ft

Wellbore	LUSTY 2-11-3-3WH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2012	10/17/2012	11.25	65.88	52,171

Design	LUSTY 2-11-3-3WH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	189.57	

Survey Program	Date	11/14/2012			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
2,539.00	13,400.00	Survey #1 (LUSTY 2-11-3-3WH)	MWD	MWD - Standard	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
2,443.00	1.00	168.40	2,442.85	1.12	-4.07	-0.43	0.00	0.00	0.00	0.00
2,539.00	1.38	166.69	2,538.83	-0.83	-3.64	1.42	0.40	0.40	-1.78	-1.78
2,603.00	1.50	163.42	2,602.81	-2.38	-3.22	2.88	0.23	0.19	-5.11	-5.11
2,698.00	2.95	230.39	2,697.75	-5.13	-4.75	5.85	2.88	1.53	70.49	70.49
2,792.00	4.41	253.38	2,791.56	-7.71	-10.07	9.27	2.18	1.55	24.46	24.46
2,887.00	7.22	260.68	2,886.06	-9.72	-19.47	12.82	3.05	2.96	7.68	7.68
3,045.00	7.30	257.83	3,042.79	-13.44	-39.08	19.75	0.23	0.05	-1.80	-1.80
3,108.00	7.24	255.11	3,105.29	-15.31	-46.83	22.88	0.55	-0.10	-4.32	-4.32
3,172.00	7.18	257.58	3,168.78	-17.20	-54.63	26.05	0.49	-0.09	3.86	3.86
3,235.00	7.14	256.81	3,231.29	-18.94	-62.29	29.03	0.17	-0.06	-1.22	-1.22
3,362.00	7.05	255.81	3,357.32	-22.65	-77.53	35.23	0.12	-0.07	-0.79	-0.79
3,488.00	6.97	265.29	3,482.38	-25.18	-92.64	40.23	0.92	-0.06	7.52	7.52
3,615.00	6.06	258.09	3,608.56	-27.19	-106.88	44.58	0.96	-0.72	-5.67	-5.67

NEWFIELD



Weatherford International Ltd.

Survey Report



Weatherford

Company: NEWFIELD EXPLORATION CO.
Project: DUCHESNE COUNTY, UT
Site: LUSTY 2-11-3-3WH
Well: LUSTY 2-11-3-3WH
Wellbore: LUSTY 2-11-3-3WH
Design: LUSTY 2-11-3-3WH

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well LUSTY 2-11-3-3WH
 PIONEER 68 @ 5324.80ft (Original Well Elev)
 PIONEER 68 @ 5324.80ft (Original Well Elev)
 True
 Minimum Curvature
 EDM 5000.1 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,741.00	7.70	256.04	3,733.65	-30.60	-121.58	50.39	1.32	1.30	-1.63
3,868.00	7.37	251.76	3,859.55	-35.20	-137.58	57.59	0.51	-0.26	-3.37
3,994.00	6.98	265.29	3,984.58	-38.36	-152.88	63.25	1.37	-0.31	10.74
4,121.00	7.18	265.09	4,110.61	-39.68	-168.48	67.13	0.16	0.16	-0.16
4,247.00	7.06	256.36	4,235.64	-42.18	-183.85	72.16	0.86	-0.10	-6.93
4,373.00	6.80	246.47	4,360.72	-46.98	-198.22	79.28	0.97	-0.21	-7.85
4,500.00	6.75	249.84	4,486.84	-52.55	-212.12	87.09	0.32	-0.04	2.65
4,627.00	7.40	251.71	4,612.87	-57.69	-226.89	94.61	0.54	0.51	1.47
4,753.00	6.67	257.62	4,737.92	-61.81	-241.74	101.14	0.82	-0.58	4.69
4,880.00	6.89	261.97	4,864.03	-64.45	-256.49	106.20	0.44	0.17	3.43
5,006.00	6.74	264.18	4,989.14	-66.26	-271.33	110.45	0.24	-0.12	1.75
5,133.00	7.42	266.07	5,115.17	-67.58	-286.92	114.34	0.57	0.54	1.49
5,259.00	5.96	261.43	5,240.31	-69.11	-301.51	118.28	1.23	-1.16	-3.68
5,386.00	7.21	263.50	5,366.47	-70.99	-315.95	122.54	1.00	0.98	1.63
5,512.00	7.41	263.21	5,491.45	-72.85	-331.87	127.01	0.16	0.16	-0.23
5,638.00	5.38	246.37	5,616.67	-76.18	-345.35	132.54	2.18	-1.61	-13.37
5,765.00	7.18	246.66	5,742.90	-81.71	-358.10	140.11	1.42	1.42	0.23
5,889.00	6.59	257.20	5,866.01	-86.36	-372.15	147.03	1.12	-0.48	8.50
6,016.00	6.40	259.88	5,992.20	-89.22	-386.23	152.19	0.28	-0.15	2.11
6,142.00	6.87	260.18	6,117.35	-91.73	-400.57	157.06	0.37	0.37	0.24
6,269.00	9.01	266.56	6,243.13	-93.63	-417.98	161.82	1.82	1.69	5.02
6,397.00	8.63	261.51	6,369.62	-95.65	-437.48	167.05	0.67	-0.30	-3.95
6,523.00	7.48	254.95	6,494.38	-99.17	-454.75	173.40	1.17	-0.91	-5.21
6,650.00	8.00	259.95	6,620.22	-102.86	-471.44	179.81	0.67	0.41	3.94
6,776.00	7.22	260.01	6,745.11	-105.76	-487.87	185.40	0.62	-0.62	0.05
6,903.00	7.22	259.69	6,871.10	-108.58	-503.58	190.79	0.03	0.00	-0.25
7,061.00	7.87	269.43	7,027.74	-110.46	-524.17	196.07	0.91	0.41	6.16
7,156.00	7.22	265.36	7,121.92	-111.01	-536.62	198.68	0.89	-0.68	-4.28
7,282.00	7.77	276.10	7,246.85	-110.74	-552.98	201.14	1.19	0.44	8.52
7,409.00	6.30	271.35	7,372.89	-109.67	-568.49	202.66	1.24	-1.16	-3.74
7,567.00	6.13	266.71	7,529.96	-109.95	-585.58	205.77	0.34	-0.11	-2.94
7,662.00	6.28	262.01	7,624.41	-110.96	-595.78	208.47	0.56	0.16	-4.95
7,788.00	5.71	257.86	7,749.72	-113.24	-608.74	212.87	0.57	-0.45	-3.29
7,914.00	5.84	253.40	7,875.08	-116.39	-621.01	218.02	0.37	0.10	-3.54
8,041.00	5.61	248.27	8,001.45	-120.53	-632.97	224.09	0.44	-0.18	-4.04
8,168.00	4.88	242.69	8,127.91	-125.31	-643.53	230.56	0.70	-0.57	-4.39
8,295.00	4.61	239.68	8,254.48	-130.36	-652.74	237.07	0.29	-0.21	-2.37
8,421.00	4.91	242.07	8,380.04	-135.44	-661.87	243.60	0.29	0.24	1.90
8,548.00	4.08	243.39	8,506.65	-140.01	-670.72	249.58	0.66	-0.65	1.04
8,587.00	3.90	243.62	8,545.56	-141.22	-673.14	251.18	0.46	-0.46	0.59
8,610.00	3.86	247.30	8,568.50	-141.87	-674.56	252.05	1.10	-0.17	16.00
8,642.00	4.32	235.55	8,600.42	-142.97	-676.55	253.46	2.98	1.44	-36.72
8,673.00	6.19	223.35	8,631.29	-144.84	-678.66	255.66	6.99	6.03	-39.35
8,705.00	10.10	215.19	8,662.96	-148.39	-681.46	259.63	12.71	12.22	-25.50
8,737.00	13.62	212.20	8,694.28	-153.88	-685.08	265.64	11.16	11.00	-9.34
8,768.00	16.73	210.57	8,724.19	-160.81	-689.30	273.17	10.13	10.03	-5.26
8,800.00	19.41	206.45	8,754.61	-169.54	-694.01	282.56	9.27	8.38	-12.88
8,832.00	23.12	200.38	8,784.43	-180.19	-698.57	293.83	13.47	11.59	-18.97
8,864.00	26.60	196.14	8,813.47	-192.97	-702.75	307.12	12.21	10.88	-13.25
8,896.00	29.27	192.97	8,841.74	-207.48	-706.50	322.05	9.54	8.34	-9.91
8,927.00	32.33	190.86	8,868.36	-223.01	-709.76	337.91	10.47	9.87	-6.81
8,959.00	34.50	188.69	8,895.07	-240.37	-712.74	355.53	7.74	6.78	-6.78
8,991.00	36.12	184.88	8,921.19	-258.73	-714.92	373.99	8.54	5.06	-11.91
9,022.00	38.36	183.27	8,945.86	-277.44	-716.24	392.66	7.88	7.23	-5.19



Weatherford International Ltd.

Survey Report



Company:	NEWFIELD EXPLORATION CO.	Local Co-ordinate Reference:	Well LUSTY 2-11-3-3WH
Project:	DUCHESNE COUNTY, UT	TVD Reference:	PIONEER 68 @ 5324.80ft (Original Well Elev)
Site:	LUSTY 2-11-3-3WH	MD Reference:	PIONEER 68 @ 5324.80ft (Original Well Elev)
Well:	LUSTY 2-11-3-3WH	North Reference:	True
Wellbore:	LUSTY 2-11-3-3WH	Survey Calculation Method:	Minimum Curvature
Design:	LUSTY 2-11-3-3WH	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,053.00	40.83	182.63	8,969.75	-297.17	-717.26	412.29	8.08	7.97	-2.06	
9,085.00	43.27	183.02	8,993.51	-318.58	-718.31	433.57	7.67	7.63	1.22	
9,117.00	46.19	182.75	9,016.24	-341.07	-719.45	455.93	9.14	9.13	-0.84	
9,148.00	49.60	182.12	9,037.02	-364.04	-720.42	478.75	11.10	11.00	-2.03	
9,179.00	53.46	181.66	9,056.31	-388.29	-721.22	502.80	12.51	12.45	-1.48	
9,211.00	56.83	181.99	9,074.59	-414.54	-722.06	528.81	10.57	10.53	1.03	
9,243.00	60.42	181.59	9,091.25	-441.84	-722.91	555.88	11.27	11.22	-1.25	
9,275.00	64.88	181.25	9,105.95	-470.25	-723.61	584.01	13.97	13.94	-1.06	
9,306.00	68.65	181.56	9,118.17	-498.72	-724.31	612.20	12.20	12.16	1.00	
9,338.00	72.09	181.37	9,128.92	-528.84	-725.08	642.03	10.76	10.75	-0.59	
9,370.00	74.29	181.39	9,138.18	-559.47	-725.82	672.35	6.88	6.88	0.06	
9,401.00	78.10	181.85	9,145.57	-589.55	-726.67	702.16	12.37	12.29	1.48	
9,433.00	81.94	181.33	9,151.12	-621.05	-727.54	733.37	12.11	12.00	-1.63	
9,464.00	86.85	181.14	9,154.14	-651.89	-728.21	763.88	15.85	15.84	-0.61	
UTELAND BUTTE "C"										
9,486.95	88.97	180.93	9,154.98	-674.81	-728.62	786.56	9.31	9.26	-0.94	
9,495.00	89.72	180.85	9,155.07	-682.86	-728.74	794.52	9.31	9.26	-0.93	
9,515.00	90.14	180.32	9,155.10	-702.86	-728.95	814.27	3.38	2.10	-2.65	
9,545.00	90.00	179.94	9,155.06	-732.86	-729.02	843.87	1.35	-0.47	-1.27	
9,577.00	90.00	180.27	9,155.06	-764.86	-729.08	875.43	1.03	0.00	1.03	
9,608.00	89.51	179.84	9,155.19	-795.86	-729.11	906.01	2.10	-1.58	-1.39	
9,640.00	88.95	179.40	9,155.62	-827.86	-728.89	937.52	2.23	-1.75	-1.38	
9,671.00	90.43	179.62	9,155.79	-858.86	-728.63	968.04	4.83	4.77	0.71	
UTELAND BUTTE "C" TOP OF POROSITY										
9,690.53	91.30	179.42	9,155.50	-878.38	-728.47	987.27	4.55	4.44	-1.00	
9,703.00	91.85	179.30	9,155.15	-890.85	-728.33	999.54	4.55	4.44	-1.00	
9,734.00	92.47	179.56	9,153.99	-921.82	-728.02	1,030.03	2.17	2.00	0.84	
9,766.00	92.84	179.18	9,152.50	-953.79	-727.67	1,061.49	1.66	1.16	-1.19	
9,798.00	93.21	179.20	9,150.81	-985.74	-727.22	1,092.93	1.16	1.16	0.06	
9,830.00	93.58	179.53	9,148.92	-1,017.68	-726.86	1,124.36	1.55	1.16	1.03	
9,861.00	94.57	180.06	9,146.72	-1,048.60	-726.75	1,154.84	3.62	3.19	1.71	
9,893.00	92.47	179.27	9,144.75	-1,080.54	-726.56	1,186.30	7.01	-6.56	-2.47	
9,925.00	90.97	178.39	9,143.79	-1,112.52	-725.91	1,217.72	5.43	-4.69	-2.75	
9,988.00	92.04	178.41	9,142.14	-1,175.47	-724.15	1,279.51	1.70	1.70	0.03	
10,051.00	92.53	180.88	9,139.62	-1,238.41	-723.76	1,341.51	3.99	0.78	3.92	
10,115.00	91.67	181.50	9,137.28	-1,302.35	-725.09	1,404.78	1.66	-1.34	0.97	
10,178.00	93.14	182.58	9,134.64	-1,365.26	-727.33	1,467.18	2.89	2.33	1.71	
10,241.00	91.91	182.07	9,131.86	-1,428.14	-729.88	1,529.62	2.11	-1.95	-0.81	
10,305.00	91.76	181.03	9,129.81	-1,492.09	-731.61	1,592.96	1.64	-0.23	-1.63	
10,368.00	93.35	182.45	9,127.00	-1,554.99	-733.52	1,655.30	3.38	2.52	2.25	
10,432.00	92.16	181.29	9,123.93	-1,618.88	-735.61	1,718.65	2.60	-1.86	-1.81	
10,495.00	93.40	180.57	9,120.87	-1,681.80	-736.63	1,780.86	2.28	1.97	-1.14	
10,558.00	92.64	179.10	9,117.55	-1,744.71	-736.45	1,842.86	2.62	-1.21	-2.33	
10,621.00	93.21	178.43	9,114.34	-1,807.61	-735.09	1,904.67	1.40	0.90	-1.06	
10,684.00	93.21	177.72	9,110.81	-1,870.47	-732.98	1,966.31	1.13	0.00	-1.13	
10,747.00	93.58	176.81	9,107.08	-1,933.29	-729.98	2,027.75	1.56	0.59	-1.44	
10,811.00	93.03	181.13	9,103.39	-1,997.16	-728.83	2,090.54	6.79	-0.86	6.75	
10,874.00	91.60	180.60	9,100.84	-2,060.10	-729.78	2,152.76	2.42	-2.27	-0.84	
10,937.00	92.82	181.39	9,098.41	-2,123.04	-730.88	2,215.01	2.31	1.94	1.25	
11,001.00	92.71	181.27	9,095.32	-2,186.95	-732.36	2,278.27	0.25	-0.17	-0.19	
11,064.00	93.27	180.14	9,092.04	-2,249.86	-733.13	2,340.43	2.00	0.89	-1.79	
11,127.00	92.12	178.57	9,089.08	-2,312.78	-732.42	2,402.36	3.09	-1.83	-2.49	
11,191.00	93.21	178.81	9,086.10	-2,376.69	-730.96	2,465.14	1.74	1.70	0.38	
11,254.00	93.95	178.87	9,082.17	-2,439.56	-729.69	2,526.92	1.18	1.17	0.10	



Company:	NEWFIELD EXPLORATION CO.	Local Co-ordinate Reference:	Well LUSTY 2-11-3-3WH
Project:	DUCHESNE COUNTY, UT	TVD Reference:	PIONEER 68 @ 5324.80ft (Original Well Elev)
Site:	LUSTY 2-11-3-3WH	MD Reference:	PIONEER 68 @ 5324.80ft (Original Well Elev)
Well:	LUSTY 2-11-3-3WH	North Reference:	True
Wellbore:	LUSTY 2-11-3-3WH	Survey Calculation Method:	Minimum Curvature
Design:	LUSTY 2-11-3-3WH	Database:	EDM 5000,1 Single User Db

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,318.00	93.52	181.04	9,078.00	-2,503.42	-729.64	2,589.88	3.45	-0.67	3.39
11,381.00	93.02	180.16	9,074.40	-2,566.31	-730.30	2,652.01	1.60	-0.79	-1.40
11,445.00	92.35	180.19	9,071.41	-2,630.24	-730.49	2,715.08	1.05	-1.05	0.05
11,508.00	93.27	179.95	9,068.32	-2,693.16	-730.57	2,777.14	1.51	1.46	-0.38
11,571.00	91.11	178.92	9,065.91	-2,756.11	-729.95	2,839.11	3.80	-3.43	-1.63
11,635.00	90.93	179.31	9,064.77	-2,820.09	-728.96	2,902.04	0.67	-0.28	0.61
11,698.00	92.28	182.01	9,063.01	-2,883.05	-729.69	2,964.25	4.79	2.14	4.29
11,761.00	93.52	183.26	9,059.82	-2,945.90	-732.58	3,026.70	2.79	1.97	1.98
11,824.00	93.70	183.15	9,055.85	-3,008.68	-736.09	3,089.19	0.33	0.29	-0.17
11,888.00	93.27	183.36	9,051.96	-3,072.46	-739.72	3,152.68	0.75	-0.67	0.33
11,951.00	93.21	186.81	9,048.40	-3,135.10	-745.30	3,215.38	5.47	-0.10	5.48
12,014.00	92.64	189.32	9,045.18	-3,197.39	-754.12	3,278.27	4.08	-0.90	3.98
12,078.00	92.90	194.56	9,042.09	-3,259.91	-767.34	3,342.12	8.19	0.41	8.19
12,141.00	92.96	194.37	9,038.87	-3,320.84	-783.06	3,404.81	0.32	0.10	-0.30
12,204.00	92.41	192.25	9,035.92	-3,382.07	-797.55	3,467.60	3.47	-0.87	-3.37
12,267.00	90.99	189.39	9,034.05	-3,443.92	-809.36	3,530.55	5.07	-2.25	-4.54
12,331.00	93.44	189.50	9,031.57	-3,507.00	-819.86	3,594.50	3.83	3.83	0.17
12,394.00	93.53	188.62	9,027.74	-3,569.10	-829.76	3,657.38	1.40	0.14	-1.40
12,458.00	91.79	186.03	9,024.77	-3,632.50	-837.91	3,721.25	4.87	-2.72	-4.05
12,520.00	90.25	184.26	9,023.67	-3,694.23	-843.47	3,783.05	3.78	-2.48	-2.85
12,583.00	89.38	183.90	9,023.87	-3,757.07	-847.95	3,845.76	1.49	-1.38	-0.57
12,647.00	89.69	180.89	9,024.39	-3,821.01	-850.62	3,909.25	4.73	0.48	-4.70
12,678.00	90.74	180.03	9,024.28	-3,852.01	-850.87	3,939.86	4.38	3.39	-2.77
12,710.00	93.33	179.19	9,023.14	-3,883.98	-850.66	3,971.35	8.51	8.09	-2.63
12,742.00	93.76	178.76	9,021.16	-3,915.92	-850.08	4,002.75	1.90	1.34	-1.34
12,773.00	93.89	178.98	9,019.09	-3,946.84	-849.47	4,033.14	0.82	0.42	0.71
12,837.00	94.76	179.20	9,014.27	-4,010.65	-848.46	4,095.89	1.40	1.36	0.34
12,900.00	94.13	178.67	9,009.38	-4,073.45	-847.29	4,157.62	1.31	-1.00	-0.84
12,963.00	92.47	177.86	9,005.76	-4,136.31	-845.39	4,219.30	2.93	-2.63	-1.29
13,027.00	92.34	177.42	9,003.07	-4,200.20	-842.76	4,281.86	0.72	-0.20	-0.69
13,090.00	93.17	177.51	9,000.04	-4,263.07	-839.97	4,343.39	1.33	1.32	0.14
13,153.00	93.33	177.53	8,996.47	-4,325.91	-837.25	4,404.90	0.26	0.25	0.03
13,217.00	93.00	176.98	8,992.94	-4,389.74	-834.19	4,467.33	1.00	-0.52	-0.86
13,280.00	93.40	177.58	8,989.42	-4,452.57	-831.21	4,528.79	1.14	0.63	0.95
LAST SVY									
13,340.00	91.66	176.76	8,986.77	-4,512.43	-828.25	4,587.33	3.21	-2.90	-1.37
PROJ SVY - PBHL - LUSTY 2-11-3-3WH									
13,400.00	91.66	176.76	8,985.04	-4,572.31	-824.86	4,645.81	0.00	0.00	0.00

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
13,340.00	8,986.77	-4,512.43	-828.25	LAST SVY
13,400.00	8,985.04	-4,572.31	-824.86	PROJ SVY

Checked By: _____ Approved By: _____ Date: _____

Daily Activity Report**Format For Sundry****LUSTY 2-11-3-3WH****11/1/2012 To 3/28/2013****11/20/2012 Day: 1****Completion**

Rigless on 11/20/2012 - MIRU WOR and equip, PUMU & RIH retrieving head for WRP at 4.990' - Weatherford, Knight Oil Tools, Mountain States WOR on loc. RU. Currently starting test on BOP Stack. 2 3/8" PH-6 work string on location. Spot PU/LD Unit. Spot Pipe racks. Tested 7 1/16" 10K BOP stack to 10,000 Psi, tested good, tested annular bag to 3,500 Psi, tested good. RDMO weatherford's test unit. - PUMU & RIH with 4 ?? Halliburton retrieving head, RN nipple, 1 jt 2 3/8" PH6 tbg, R nipple, and 2 3/8" tbg, - NU Night Oil 7 1/16" x 10k BOPs with dual valves loaded with blind rams and 2 3/8" pipe rams, 7 1/16" 10k flow cross with dual valves, 7 1/16" x 10k single with 2 3/8" pipe rams and 7 1/16" x 5k annular BOP. - Conduct PJSM. Have back hoe, Grader and dress and clean location. Placed gravel in cellar and fill mouse hole. Set Outback or Select office trailer, trash bin and Pot-a-Pots. MIRU B&G crane and install Cameron Tbg head. Test void 5000 psi. Test wing valves 250 psi low and 5,000 psi high. 5min and 10 min. all tested good. Install FMC 10k manual frac valve and test 250 low and 10,000 psi high. All test charted on file.

Daily Cost: \$0**Cumulative Cost:** \$37,695**11/21/2012 Day: 2****Completion**

MWS #731 on 11/21/2012 - POH with WRP, tbg in derrick, MIRU wireline, RIH gauge rings for 41/2" & 7" casing, Run CBL log, Run Caliper log, Shut in well for Thanksgiving. - Logged 1000' Interval on 1st pass. Pressure up on well to 1500 psig and RBIH to 8894' for 2nd pass. - POOH w/ CBL to surface-all tools intact. PU 6" Gauge and RBIH. - RBIH w/ 6" Gauge Ring to Liner Top @ - Run 40 arm Caliper log, RDMO JW wireline unit, Install night cap on annular bag, close and lock blind rams, close 7 1/16" manual frac valve, shut down operations until 11- 26- 2012, Monday 26th. - RIH with 4 ?? Halliburton retrieving head, RN nipple, 1 jt 2 3/8" PH6 tbg, R nipple, and 2 3/8" tbg, RIH 159 jts to top of WRP and break reverse circulation with 30 bbls and wash off WRP, latch onto and open bypass, lost 300 psi pump pressure, (pumping 800 psi and lost 300 psi to 500 psi pump pressure) continue to pump with circulation, Well dead, over pull 8,000# and sheared pins, WRP free, pick up on plug (free), RIH past setting depth and no tbg weight loss, - POH with 4 ?? WRP standing tbg in derrick. 4 ?? WRP recovered and all tools recovered. - MIRU JW wireline unit and Pressure test lubricator to 5000 psig. - RIH w/ CBL Tool to 8894" and St. Log. - RIH w/ WL and 3.75" Gauge Ring to 8779" and POOH w/ all tools intact. PU CBL and RIH

Daily Cost: \$0**Cumulative Cost:** \$103,541**11/25/2012 Day: 3****Completion**

MWS #731 on 11/25/2012 - Well Shut In-WOO - WOO till 0700 hrs on 11/26/2012

Daily Cost: \$0**Cumulative Cost:** \$166,701**11/26/2012 Day: 4****Completion**

MWS #731 on 11/26/2012 - RIH 41/2 frac string and test, - 0930 Am Mt. States, WF on loc.

All vendors assoc. w/ RIH w/ 4 ?? frac string on standby. WOO - Runners on location w/ 4 1/2" P-11 casing. 15 new joints segregated from used string to be run as per designated procedure. RU to RIH w/ 4 1/2" Frac String. Knight Oil Tools on location to install 4.5 pipe rams, Weatherford test unit on location to install and test 4.5 pipe rams. Test 4 ?? Pipe Rams, 250 psig low-5 minutes, 9800 psig high-10 minutes. Tests OK. - Casing Inspection on location cleaning and drifting 4 1/2" P-110. MIRU Franks Casing Crew. RIH picking up 4 ?? frac string, ran 5 new 4 ?? jts on bottom #1,2,3,4,5, and old tbg jts #6 to #95 (100 jts total) then ran 5 new jts #101,102,103,104,105 and old tbg jts #106 to #195, then ran 5 new jts #196,197,198,199,200, Continue in hole with 4 1/2" frac string.

Daily Cost: \$0

Cumulative Cost: \$235,173

11/27/2012 Day: 5**Completion**

MWS #731 on 11/27/2012 - try to test frac string, unable to get a test, POH with frac string - 24:00 ? 03:00 finished with old pipe and subs. Frac ran as follows: Halliburton seal assembly for Versaflex liner, 201 jts of 4 1/2" P-110 casing, 2, '10', 6', , 4 1/2" P-110 pup jts, 1 jt of 4 1/2" P-110 casing, Pump down backside at 3 bpm and displace backside with biocide treated water of 180 bbls.. Land hanger in tubing head on an extended neck hanger and slack off 60,000 lbs and lock down with pins. RDMO Franks casing crew. - Test lower hanger seals and annulus. Pressure test annulus, tubing, and lower hanger seals from below through the tubing head outlets to 4010 psi for 10 min. - Casing was landed and set in compression upon arrival of day shift. Annulus was pressured to 3800 psig but no chart had been documented for test. Further investigation showed both casing and annulus had 3800 psig on it. Manual Frac valve and Blind Rams were closed while testing annulus. It was determined that a 4 ?? x 2" pup joint utilized for testing was inadvertently used in landing the casing. This pup joint had a weep hole in it and allowed the pressure to equalize on both sides of the casing string. Currently we are POOH w/ the landing string and will replace the 2-2" x 4 ?? pup joints w/ a single 4" x 4 ?? pup joint. Re-land the casing and proceed w/ testing the frac string as per procedure. 0905 hours-set Seal Bore Assembly and landed casing w/ 50K in compression on tool. Set locking pins. RU Weatherford to test. - Weatherford test on annulus to 4000 psig-Test OK. Pull Landing joint and RU WF Testing to Casing side for testing. - PU on Csg Hanger and replace element. PU Wt 104K, Neutral Wt 94K. Slack off and landed Seal Bore Assembly w/ 42K on string weight. Re-set locking pins and RU WF to test annulus to 4000 psig. Pressure test to 4000 psig w/ a leak off of +- 50 psig over 10 minutes. Bled annulus down to 3500 psig and observed and increase in leak off of 400 psig over 2-3 minutes. Decision to RIH w. SL plug for QN and re-pressure test frac string. - WO Weatherford Tools and SL Unit. - Waiting on Franks Casing Crew to return to loc. Will RU to POOH w/ frac string and Seal Bore Assembly - Frank's Casing Crew on loc. RU and POOH w/ 4 1/2" P-110 casing. POH and laying down 4 ?? frac string, : Halliburton seal assembly for Versaflex liner, 201 jts of 4 1/2" P-110 casing, 10', 6', 2', 2', 4 1/2" P-110 pup jts, 1 jt of 4 1/2" P-110 casing - While RU to Csg a slight flow was observed and decision made to monitor Csg on negative test for 30 minutes prior to high-pressure test. Monitored Csg on negative test for 30 minutes prior to high-pressure test, observed 400 psig increase in pressure. Decision to test casing to 9800 psig-tried testing twice and failed at test. 400 psig leak-off over 5-10 minutes w/ 1500 psig increase on annulus. Decision to repair/replace casing hanger.

Daily Cost: \$0

Cumulative Cost: \$267,776

11/28/2012 Day: 6**Completion**

MWS #731 on 11/28/2012 - POH 4.5 frac string, change Howco seal assembly, RIH 4.5 frac string, try to test, Wait slickline unit. - RIH picking up 4 ?? frac string, ran 4 new 4 ?? jts on bottom #1,2,3,4, - Waiting on slick line truck from Evanston WY will be on location around

midnight to run QN Plug. - Pressure up casing to 3,800 psi pressures drop to 3600 on casing and annulus pressure increase from 2600 psi to 3,150 psi in 10 min. shut down bleed off pressure. Shut down waiting on slick line truck to run QN Plug. - POH w/1 jt casing LD, RU TRW & weatherfield pumping unit and start cir hole @ 2 BPM @ 400 psi. Land casing @ 8,580' FS w/Halliburton seal assembly for Versaflex liner, 201 jts of 41/2" P-110 casing 13.5# , 2, 10", 6", , 41/2" P-110 pup jts, 1 jt of 41/2" P-110 casing, Land hanger in tubing head on an extended neck hanger and slack off 55,000 lbs and lock down with pins. RU Weatherfield Test unit and start pressure test annulus to 4,000 psi pressure drop to 3,600 psi in 20 min. Pressure annuls again to 4,000 to pressure drop to 3600 psi in 10 min. - Finish POH and lay down 4 " frac string, : Halliburton seal assembly for Versaflex liner, 201 jts of 41/2" P-110 casing, 10", 6", 2", 2", 41/2" P-110 pup jts, 1 jt of 41/2" P-110 casing, Number 2 jt of the new pipe was Pig tailed? looked like compression bending of total jt. All other jts are fine, Seal assembly missing seals off all three set of seals, all metal rings appear to be still in place in seal area. WLG on seal assembly look good, no indication of running into anything, Pictures taken and send in with update. Thread inspected as 4 " pulled from well. . 1 bent jt #2, 1 jt #74 threads has small piece of metal in threads, 1 jt # tong marks on body(unknown when marks were made), - RBIH w/ Halliburton Seal Assembly for Versaflex Liner. Total of 201 jts of 4 " P-110 BTC Casing. Currently in hole w/ jt #125 of 201. # jts of casing removed from string and replaced. Removed jts are #2, #74 and a marked single on bottom layer of racked pipe. Weatherford, Franks Casing Crew Halliburton and Mt. States WOR crew on loc. 11:00 AM RBIH w/ Halliburton Seal Assembly for Versaflex Liner. Currently in hole w/ jts 202 jts 4.5" casing # 13.5 casing . We the process of landing casing to get correct spacing for 50,000 lbs of compression plus or minus 10,000 . Will POH LD 1 jts casing and circulate annular volume. Weatherford, Franks Casing Crew Halliburton and Mt. States WOR crew

Daily Cost: \$0

Cumulative Cost: \$302,506

11/29/2012 Day: 7**Completion**

MWS #731 on 11/29/2012 - RIH Q plug, set in Q nipple, test 4 1/2 casing, Leaks, POH plug, RDMO wireline, Change rams to from 41/2 to 2 3/8 and test, RIH with Weatherford test packer and look for leak in 41/2" casing, - 14:00 PM POOH w/H-Bottom Equalizing Prong Setting tool and LD . Shut in casing valves. Pressure up annulus to 3000 psi and shut in and RD. RU Casing Valves and start casing test to 9,800 psi. 15:00 PM Pressured up annulus to 2,800 psi and shut in valves and RD. RU to casing and open well head, 1,200 psi on the casing. Lost 300 psi on the annulus by the time we rigged up to the casing. Started pumping down casing to 9,800 psi. SD. w/in 4 min went from 9800 to 9400 psi. Annular increased from 2500 psi to 3900 psi at the same time. Bled down the casing to 2200 psi. Took 11 min for pressure to equalize from the casing to the annular. Have a call into office waiting on orders - MIRU Knight Oil tools and change out 41/2" pipe rams to 2 3/8" pipe rams and test stack and each rams to 10K. Test good. - 18:45 RIH retrieving head for "Q" plug, POH with "Q" plug and all tools recovered. Lay out plug and tools, RDMO Pro Wireline unit. - 17:30 PM RU slick line Lubricator and pressure test to 3,500 psi. Good test. Open well head RIH w/H-Bottom Equalizing Prong retrieving head to pull plug. 18:45 PM Out of hole w/H-Bottom Equalizing Pong plug LD. RU Retrieving head for the QN Plug. Pressure tset lubricator to 3,500 psi. Good test. RIH w/BHA - MIRU Pro Wireline, picking up lubricator and test to 5,000 Psi, PUMU slickline gauge ring (3.77" OD) and RIH to 8,577" wireline measurement, Tagged up. ("Q" nipple @8,582" tbg measurement). POH with gauge ring, 07:40 AM Out hole w/3.770 gauge ring. RU to 5K annular preventer pressure test 4.5" lubricator to 3,500 psi. Good test. Open well head. RIH w 3.775 /QN plug 11:00 AM On Bottom w/ QN Plug go set it at 8,577 FS. - Waiting on slick line truck from Evanston WY will be on location around midnight to run QN Plug. - 11:30 Set QN Plug 5,877 FS. POOH w/slick line setting tool and LD. 13:00 PM POOH w/slick line setting tool and LD. PU to RIH w/H-Bottom Equalizing Prong 3-11/16" x 5.13" to go inside QN plug. Pressure test Lubricator to 3500 psi. Good test. Open well head and RIH w/BHA.

Daily Cost: \$0**Cumulative Cost:** \$348,205

11/30/2012 Day: 8**Completion**

MWS #731 on 11/30/2012 - Pressure test casing w/4.5" packer - ALL 2-3/8" 5.95# tubing, 4-1/2" tension packer TA-33- A, out of hole. Shut well head in. RDMO Lusty 2-11-3-3WH to the Lusty 1-11-3-3W - Updated costs from Ticket coming to location - PUMU Weatherford's TA-32-A packer, SC underloader, 1jts 2/38 PH6, R nipple, 8 stands of 2 3/8 PH6 tbg to 540' and tested pump unit 6,000 psi, good, test above packer to 6,000 psi, lost 300 psi in 10 mins, No flow from 4 1/2" X 7', no flow from tubing. #2 Release pkr and RIH to 1,543' (49 jts) test above packer to 6,000 psi, lost 1,900 psi in 10 mins, with flow from 4 1/2" X 7'. Unable to pump fast enough to pressure casing with little pump. Change out pumping units. Test below packer to 3,200 psi, lost 200 psi in 2 mins, with good flow from 4 1/2" X 7', Starting flow from 4 1/2" X 7' from start of pumping. #3 Release pkr and RIH to 2,545' (81 jts) Test below packer to 3,000 psi, lost 200 psi in 3 mins, Starting flow from 4 1/2" X 7' from start of pumping. #4 Release pkr and RIH to 3,548' (113 jts) Test below packer, TIW leaking, bled off pressure, tighten TIW and retest. to 6,000 psi, lost 900 psi in 10 mins, Starting flow from 4 1/2" X 7' from start of pumping. smaller stream of water from 4 1/2" X 7'. #5 Release pkr and RIH to 4,552' (145 jts) Test below packer, to 6,000 psi, lost 1,000 psi in 10 mins, Starting flow from 4 1/2" X 7' from start of pumping. small stream of water from 4 1/2" X 7'. tested pump unit 6,000 psi, good, #6 Release pkr and RIH to 5,020 (160 jts) Test below packer, to 6,000 psi, lost 1,100 psi in 10 mins, Starting flow from 4 1/2" X 7' from start of pumping. small stream of water from 4 1/2" X 7'. Test 4 ?? X 7' to 4,000 psi, lost 550 psi in 10 mins, leaking back thru tubing, and 4 ?? X 2 3/8" backside.

Daily Cost: \$0**Cumulative Cost:** \$499,252

12/2/2012 Day: 9**Completion**

MWS #731 on 12/2/2012 - MIRU Mountain State WOR, change & test pipe rams, MIRU Franks casing crew. POOH and LD 4.5" Frac string, Change out pipe rams from 4 1/2" to 2 3/8" and test pipe rams - MIRU Franks casing crew. POOH and LD 4.5" Frac string. POOH LD 1 jt 4.5" 13.5# P-110 casing, 1- 4.5" (2?, 10?, 6?) , Casing pup , 201 jts 4.5" 13.5# P-110 casing , 1 ? 4.5" QN nipple (3.775) ID, 1 ? 4.5" XO 8rd x BTC 1- Halliburton Seal Assembly. 4 1/2" frac string sent in by Runners trucking for inspection. - MIRU Mountain State WOR, Knight Oil tool on location to Run a 4.5 test manual and test 4.5" pipe ram @ 250 low & High to 10,000 Psi. Had problem with one set of door on the 4.5" rams. Have open doors and change out rubbes. 12:00 ? Present 14:30 AM Had problem with one set of door on the 4.5" rams. Have open doors and change out rubber seal. Start pressure test on 4.5" rams low 250 High 10,000 psi. All BOP test Complete. - Well shut on activiy - Change out pipe rams from 4 1/2" to 2 3/8" and test pipe rams and shell test BOP stack.

Daily Cost: \$0**Cumulative Cost:** \$547,705

12/3/2012 Day: 10**Completion**

MWS #731 on 12/3/2012 - Change pipe rams & test same, Test well and seal assembly, POH tbg and seal assembly, stood 2 3/8 PH6 in derrick, secure well and shut down - Currently RIH w/ BHA consisting of: Seal Bore Assembly 4.50" OD 8rnd x 3.50" ID x 13,90' long, X/O sub 3.625" OD 8rnd box x 2.875" ID x .58' long, X/O sub 2.875" OD 8rnd pin x 2.063" ID x 2.375" 8rnd box .70' long, RN Nipple 2.375" OD 8rnd pin x PH-6 box w/1.875" ID x 1.34' long, 1 Jt 2.375" 5.95#, P-110, PH-6 tbg, R Nipple 2.375" OD PH-6 box w/1.875 ID x .75'

long. (Total BHA fr/R Nipple dwn 48.42?). We have RIH w/238 jts 2.375? PH-6. In the hole. Total Dept @ 7,501? FS. Currently RIH w/2.375 PH-6 P-110 tbg. - 12:30 AM Currently RIH w/ BHA consisting of: Seal Bore Assembly 4.50? OD 8rnd x 3.50? ID x 13,90? long, X/O sub 3.625? OD 8rnd box x 2.875? ID x .58? long, X/O sub 2.875? OD 8rnd pin x 2.063? ID x 2.375? 8rnd box .70? long, RN Nipple 2.375? OD 8rnd pin x PH-6 box w/1.875? ID x 1.34? long, 1 Jt 2.375? 5.95#, P-110, PH-6 tbg, R Nipple 2.375? OD PH-6 box w/1.875 ID x .75? long. (Total BHA fr/R Nipple dwn 48.42?). We have RIH w/238 jts 2.375? PH-6. In the hole. Total Dept @ 7,501? FS. Currently RIH w/2.375 PH-6 P-110 tbg. - Wait on Halliburton to get change over form 4 ?? BTC to 2 3/8? EUE. - CO pipe rams from 4 ?? to 2 3/8?. Test csg to 4100 psi for 30 minutes, 75 psi leak off. Function and pressure test lower pipe rams to 250 psi for 5 minutes, no leak off. BO pressure, increase pressure to 10K for 10 minutes, held OK. BO pressure. Open lower pipe rams and close upper pipe rams. Pressure to 250 psi for 5 minutes, OK. BO pressure and increase to 10K for 10 minutes, no leak off. Wait on Halliburton to get change over form 4 ?? BTC to 2 3/8? EUE. - PUMU Halliburton, BHA w/43 jts 2-3/8' PH-6 tbg. Day shift arrived to location. Ask for tally sheet, there was no ID or OD. Ask Halliburton for ID and OD for BHA. Did not caliper BHA. Currently POOH w/ 43 jts 2-3/8?, 5.95#, P-110, PH-6 & BHA. - - Tally 122 jts 2-3/8", 5.95#, P-110, PH-6 Tbg - 1024 Currently RIH w/ BHA consisting of: Seal Bore Assembly 4.50? OD 8rnd x 3.50? ID x 13,90? long, X/O sub 3.625? OD 8rnd box x 2.875? ID x .58? long, X/O sub 2.875? OD 8rnd pin x 2.063? ID x 2.375? 8rnd box .70? long, RN Nipple 2.375? OD 8rnd pin x PH-6 box w/1.875? ID x 1.34? long, 1 Jt 2.375? 5.95#, P-110, PH-6 tbg, R Nipple 2.375? OD PH-6 box w/1.875 ID x .75? long. (Total BHA fr/R Nipple dwn 48.42?). RIH w/158 jts 2.375? PH-6. SD. Installed TIW valve in tbg. EOT: 4,960.72'. - BO pressure on tbg and backside. Pull out of PBR with sealbore assembly. TOH. LD R nipple, 1 jt tbg, RN nipple, 2 x-vers, and seal assembly. Close manual frac valve and blind rams. Winterize BOP stack. POH w/ BHA consisting of: Seal Bore Assembly 4.50? OD 8rnd x 3.50? ID x 13,90? long, X/O sub 3.625? OD 8rnd box x 2.875? ID x .58? long, X/O sub 2.875? OD 8rnd pin x 2.063? ID x 2.375? 8rnd box .70? long, RN Nipple 2.375? OD 8rnd pin x PH-6 box w/1.875? ID x 1.34? long, 1 Jt 2.375? 5.95#, P-110, PH-6 tbg, R Nipple 2.375? OD PH-6 box w/1.875 ID x .75? long. w/272 jts 2.375? PH-6. All tools recovered from well, Tubing stood in derrick, Blinds closed and locked, Well heads wrapped with tarps and heater left on well, Released personnel on location, left night guard on location. - 1500 PM Currently We are in hole w/ BHA consisting of: Seal Bore Assembly 4.50? OD 8rnd x 3.50? ID x 13,90? long, X/O sub 3.625? OD 8rnd box x 2.875? ID x .58? long, X/O sub 2.875? OD 8rnd pin x 2.063? ID x 2.375? 8rnd box .70? long, RN Nipple 2.375? OD 8rnd pin x PH-6 box w/1.875? ID x 1.34? long, 1 Jt 2.375? 5.95#, P-110, PH-6 tbg, R Nipple 2.375? OD PH-6 box w/1.875 ID x .75? long. w/272 jts 2.375? PH-6. In the hole. Total Dept @ 8,562.99? FS. Currently we Cir Hole @ 2 BMP @ 800 Psi the total fluid pump will be 300 bbl fresh water @ 80 deg. Currently we are 30?above PBR - 18:45 PM Pressure test down tubing to 2,500 psi , with Backside holding steady at 3,100 psi ? Watch well for 15 minutes with 0 psi leak off on tubing or casing ? Good test.

Daily Cost: \$0

Cumulative Cost: \$606,828

12/4/2012 Day: 11**Completion**

MWS #731 on 12/4/2012 - Pressure test 4.5" pipe ram, Shut in well head no activity - Wait on 4 1/2" frac string - Well shut in no activity waiting on New Frac String. - complete all testing on 4.5? pipe rams low 250 high 10,000 psi Good test. RDMO Weatherford test unit and shut in well head. Release Mountain State Rig crew for the day. No activity, waiting on new 4.5? Frac string.

Daily Cost: \$0

Cumulative Cost: \$634,580

12/6/2012 Day: 12**Completion**

MWS #731 on 12/6/2012 - Mi and spot frac tanks. Unloaded 210 Jts 4-1/2" casing - Unloaded Halliburton 4-1/2" seal bore Ass'y. Runner on location to move pipe racks, tbg around for frac tanks. - MI & spot frac tanks. - No Activity - Clean, Drift, Talley 210 Jts. 4-1/2" 13.50# P-110 BT Casing, Place on racks for run - Unloaded 210 Jts 4-1/2" 13.50#, BTC casing. - No Activity, Standby and wait for 4-1/2" casing.

Daily Cost: \$0

Cumulative Cost: \$691,082

12/7/2012 Day: 13**Completion**

MWS #731 on 12/7/2012 - HSM, JSA. Open well, Wait on Halliburton New Seal Bore Assembly to replace damage Seal Bore Assembly.. - 0921 Inspect seal Bore assembly, Found a deep gash in 4-1/2", 13.5#, P-110 LTC pup jt above seal assembly. (.063" deep+). Plan is to wait for another Seal Assembly out Casper, WY. Approx. 8-14 hrs standby time. - Standby and wait on Halliburton Seal Bore Assembly from Casper WY to replace damage Seal Bore Assembly. Est. cost for NPT: Mt State Well Service \$7,000, Franks Casing crew \$4200, Tanks 1400, Select \$3500, Consulting \$9150, Knight BOP Rental & FMC frac valve rental \$4437, Energy Operators Gate Guard \$1180, Weatherford pump \$ no charge, Tetra FB \$2600, Connection Inspection \$2,780. Basic HYD Catwalk \$1600, Runners Pipe Racks \$300 1545 Halliburton call and the New Seal Assembly left Casper WY at 15:15. They will be going to Halliburton yard to be inspected, Will be on location approx. 22:30 to 23:00 tonight. Plan is to RIH w/new Seal Assembly and new 4-1/2" casing - Hold Pre-Job Safety Meeting, with Mountain States, Franks Casing, Newfield Personel, LOR inspection, Halliburton and Energy Operating. - No Activity - Franks Casing service on location spotting hydraulic power unit, - MIRU Franks casing tong - PU, MU & RIH w/Halliburton Seal Bore Assembly For VersaFlex Expandable Liner Hanger 5.317" OD x 3.875" ID x 11.98' long, No Go 5.83" OD x 3.875" ID x 1.24' long, X/Over sub 5.03" OD x 3.875" ID x 1.04' long, QN Nipple 5.01" OD x 3.775" ID x 1.60' - HSM Review work to be performed. JSAs, stop-work authority, smoking policy, evacuation plans and FRC policy.

Daily Cost: \$0

Cumulative Cost: \$734,456

12/8/2012 Day: 14**Completion**

MWS #731 on 12/8/2012 - RIH W 4.500" 13.5# P-110 BT casing, Test seal assy. Diplace w/ packer fluid, test backside, space, land, x-o pipe rams, RU for abrasive perf - RU Mt State pump to circulate hole clean w/90* treated water consisting of (Packer Fluid, Biocide & Cay Stabilizer). 12:08 Revise circulating @ 3 bpm, 200 psi. Pumped 289 Bbls. SD. Circulating Complete. - HSM, JSA. Continue RIH w/Halliburton Seal Bore Assembly For VersaFlex Expandable Liner Hanger 5.317" OD x 3.875" ID x 11.98' long, No Go 5.83" OD x 3.875" ID x 1.24' long, X/Over sub 5.03" OD x 3.875" ID x 1.04' long, QN Nipple 5.01" OD x 3.775" ID x 1.60', W/100 Jts 4.500" 13.5# P-110 BT Casing Torque Turn W/ LOR threads inspector on floor10 joint average of 3700 ft/lbs. +/- 10#. NOTE: Found bad collar on Jt #186. Change out collar. Bad Treads - RIH w/Halliburton Seal Bore Assembly For VersaFlex Expandable Liner Hanger 5.317" OD x 3.875" ID x 11.98' long, No Go 5.83" OD x 3.875" ID x 1.24' long, X/Over sub 5.03" OD x 3.875" ID x 1.04' long, QN Nipple 5.01" OD x 3.775" ID x 1.60', W/93 Jts (4,136') 4.500" 13.5# P-110 BT Casing Torque Turn W/ LOR threads inspector on floor10 joint average of 3700 ft/lbs. +/- 10# - 2230 Current Operation : PT on backside test to 3000 psi chart for 5 minutes good test, 4.500? 13.5# P-110 BT Casing tested to 9800 psi pressure bleed off approx 200 psi /minute held for 10 minutes no communication on backside. Going forward w/ abrasive perf, RD Franks casers, X-O 4.500? pipe rams to 2.375? - 2100 Current Operation : Testing 4.500? 13.5# P-110 BT Casing to 9800 PSI while testing showing loss of 180 psi/ min. Pressure on backside at 3500 psi while testing expansion of casing would bring

backside pressure up to 4200 psi, bleed pressure off 4.500? casing pressure on backside would drop back to 3500 psi and hold, Pressure back to 9800 psi opening side wing valve above blind rams to visually inspect to see if fluid leaking by, no signs of leaks, small leak in the packing glands of wellhead hanger in which was leaking but not enough to show 180 psi/min leak fixed, going back to test unit did a blank test on surface 8000 psi for 5 minutes charting held good, going to backside to 3000 psi charting for 5 minutes then back to casing to test to 9800 psi to chart. Showing no signs of communication between the backside possible wet shoe. - RU Weatherford test unit on casing and pressure test to 9,800 psi. for 30 min while monitor Annular w/3,500 psi, while conduction pressure test - MIRU Weatherford Test Unit. Pressure test in 2' interval. Pressure Test from 8,581, 8,583, 8,585, 8,587 & 8,589 to 3,500 psi, for 10 min w/no leak off. Seated into PBR w/54,000 lbs compression. Secure lock-in screws. Conducted last pressure test @ 8,591' to 4,010 psi, for 15 min. All test done w/Charts. - Tag TOL @ 8,581' on Jt #194 w/18' in. Set down 54,000 lbs compression w/SO wt 64K. POOH w/2 Jts 4.500", 13.5#, P-110 BTC Casing, Spaced out. Neutral wt 124K, PU wt 132K & SO wt 118K. Casing detail consisting of: Halliburton Seal Bore Assembly For Versaflex Expandable Liner Hanger 5.317" OD x 3.875" ID x 11.98' long, No Go 5.83" OD x 3.875" ID x 1.24' long, X/Over sub 5.03" OD x 3.875" ID x 1.04' long, QN Nipple 5.01" OD x 3.775" ID x 1.60' long, 192 Jts 4.500?, 13.5#, P-110 BTC casing, 6.14? 4.500?, 13.5#, P-110 BTC pup Jt, 14.62? 4.500?, 13.5#, P-110 BTC pup Jt, 1 Jts 4.500?, 13.5#, P-110 BTC casing & installed 4.500? casing hanger (New) w/20? landing jt. (TOL @ 8,579? & Top QN @ 8,581.32? ?CM? Plan is to Pressure test in 2? interval into PBR

Daily Cost: \$0

Cumulative Cost: \$783,984

12/9/2012 Day: 15

Completion

MWS #731 on 12/9/2012 - Circulate hole clean , displace with treated fluid, Abrasive Perforating, POOH, LD tools, - RU power swivel on jt #418. RU pump tanks. Break circulating. - Current Operation : POOH LD 2-3/8? PH-6 workstring W/ TTS BHA.Single back while pulling out of latteral. - 2115 Current Operation : Circulate hole clean X 2.5 Surface to Surface pumping total 316 bbls @ 2.5 bbls/ minute 4000 psi, POOH LD 3 joints close bag injection test 1 bbls/ min for a total of 5 bbls seen pressure break @ 1100 psi for 0.5 bbls continue pumping pressure increase to 4500 psi shut down monitor pressure, bleed pressure, pump 2 bbls @ 1 bbl/min pressure break @ 1100 psi for 0.5 bbls continue pumping pressure increase to 4500 psi shut down, monitor for 5 minute pressure loss of 100 psi. RD drain pumps, swivel back, Pre-prepare to POOH - 1930 Current Operation : Circulating 2.5 bbl/min. @ 4000 psi cleaning hole, 2.5 bbls. in ? 2.5 bbls out working pipe rotating 100-110 rpm. - 15:30 pm: Drop ball down tbg. Started pumping dwn tbg @ 3 BMP @ 5,300 psi. Pmp 30 bbls, drop rate to 1.5 bpm, 2,200 psi. Pumped 52 BFW. Pressure increase to 3,500 psi, holding 1,540 psi back pressure. Starting sand cutting perforations. 17:15 Pm: Completed sand cut @ 13,326?. Total 1 cuts made. Started pumping @ 2.7 BMP @ 5,500 psi. After pumping 80 bbls sand @ .73 ppg, pressure drop to 4,800 psi. Total sand 1500 lbs. SWI. RD off well head. RU power swivel. Will clean out to PBSD - Circulating 2 hole volume w/ 253 Bbls fresh water, 50 bbl gel sweep at 3.8 bpm, 4,600 psi. SD. Installed TIW valve. Drop Ball down tbg. Rack back power swivel in derrick. LD 1 jt, 7.74' tbg sub. PU hole to Abrasive Perforating stage #1 @ 13,326?. - 0015 Current Operations : X-O 4.500? pipe rams to 2.375? pipe rams x2, Weatherford testers testing BOP 10k high 300 psi low, TTS on location, Weatherford Circulating pump called out, - Continue to PU & RIH w/2-3/8' PH-6 tbg. PU 96 Jts and tagged 4' in on jt #418 @ 13,081'. (Float Collar @ 13,363'). 282' to CO to PBSD. - 07:00 SD. Installed TIW valve. Tallied 113 jts 2-3/8? PH-6 tbg. EOT # 10,095?. (total 322 jts). - Cont to RIH w/BHA while picking up 2-3/8" PH-6 tbg off pipe rack. Pick up 49 jts 2-3/8", 5.95#, P-110, PH-6 tbg. 07:00 SD. Installed TIW valve. - TTS Solutions BHA 1- 3.701"OD X 0.99" 4-Blade twister mill, 1- rotary sub 0.75 X 2 - 3/8" Pac box X 2 -3/8" Pac Box 1- Bypass Abrasive Perforator w 6 port @ 60 degrees 3.55" X 2 -3/8" Pac box X 2 -3/8" Pin 1- Rotary sub 1.17' X 2 -3/8" PH-6 Box X 2-3/8" Pac pin 1- 2-3/8" X 4.00' pup joint 1- Snubbing back pressure valve 1.72' X 2-3/8" box X 2-3/8" pin 1- 2-

3/8" X 31.24' PH-6 joint 1- 1.710" R- nipple X 0.97' 27- joints 2-3/8" PH-6 5.95# work string, RIH setting 1.710" R nipple @ 8,496' filling tubing every 1500' - 0215 Current Operations : PT 2.375? Pipe Rams upper and lower 300 psi low for 5 minutes 10,000 psi for 10 minutes charted, test successful RD Weatherford testers, Mountain States RU for double fast line, Weatherford circulating unit RU, TTS Solutions preparing to PU tools. - 12:19 RU power swivel on jt #418. Neutral wt 46K, PU wt 50K & SO wt 42K. Break circulating at 3.8 bpm, 4,800 psi. Swivel in jt #418 while CO to 13,108' "TM". Continue to swivel in and CO to PBD @ 13,363' @ RPT. 12:40 RU power swivel on jt #419. Neutral wt 46K, PU wt 50K & SO wt 42K. Break circulating at 3.8 bpm, 4,800 psi. Swivel in jt #419 13:41 Continue Swivel in 7 jts while rotating and CO to PBD @ 13,361' ?TM?. (Total 426 jts, 7.74? tbg sub). Neutral wt 46K, PU wt 50K & SO wt 42K. Currently circulating 2 hole volume at 3.8 bpm, 4,800 psi. Plan is to Circulate 2 hole volume, PU up hole to Abrasive Perforating stage #1 bottom @ 13,326'

Daily Cost: \$0

Cumulative Cost: \$843,966

12/10/2012 Day: 16**Completion**

MWS #731 on 12/10/2012 - LD TTS Abrasive tools, ND BOP, NU 4-1/16" 10K Frac Stac, PT RU for DFIT - Hold PJSM, W Baker Hughes, Tetra, Newfield Personel, RU Baker Hughes, Heat fresh water to 75 degrees, Mix 5 Bbl. 9.80 lbs/gal CaCl, PT hardline to 8500 Psi. - MIRU Weatherford Test Unit. Pressure test against test unit to 10,000 psi for 5 min. Shell test against TWCV to 250 psi for low, for 5 min. Test good. BO pressure. Test same to 10,000 psi, for 10 min. Test good. BO pressure. Negative test on HCR 10,000 psi high test for 10 min. 500 psi for 10 min. BO pressure test good, Lower manual 4-1/16" frac valve 10,000 psi high for 10 min. 250 psi low for 5 min. BO pressure test good Wing valve inside test 10,000 psi high for 10 min. 250 psi for 5 min. BO pressure test good Outside wing valve 10,000 psi high for 10 min. 250 psi low for 5 min. BO pressure test good Upper 4-1/16" manual frac valve 10,000 psi high for 10 min. 250 psi low for 5 min. BO pressure test good, Dry rod TWCV close in well w/ 25% methonal. RU Weatherford tester to test Tetra flow back iron. - 13:41 FMC test unit broke down while doing a low test. Released FMC. No charge for test unit. Weatherford test unit will be location approx. 1 hr. Wait om Weatherford Test Unit. Return 435 jts 2-3/8?, 5.95#, PH-6 tbg, pipe rack back to Runners yard. Western Water Solutions Tk#'s 15530,15411,15406,15547,15543,15541,15531(\$1705) - NU Cameron 10K 7-1/16? extended neck tbg head adapter to 4-1/16?, FMC 10K 4-1/16? ?Lower Master? hydraulic frac valve (HCR), 10K 4-1/16? ?Upper Master? manual frac valve, 10K 4-1/16? flow cross with dual, double 2-1/16? outlets & 10K 4-1/16? ?Crown? manual frac valve w/night cap. Torqueing all bolts. Cameron test void between tbg head and 7-1/16" 10K flange to 10,000 psi for 10 min w/no leaks - ND 7-1/16" 10K double BOP w/2-3/8" rams/blind rams w/dual 2-1/16" gate valve outlets. Careron on location - POOH LD 2-3/8" 5.95# PH-6 Workstring, Single back pulling out of latteral, Circulate bottoms up @ 8550', Double fastline, Continue POOH LD on Racks LD TTS BHA Abrasive Perforation Tools. - RD power swivel, rig floor & RDMO Mt States WOR, equipment. RDMO Weatherford pump. MIRU B&G Crane, FMC to ND BOP stack. ND 7-1/16" 10K Annular BOP, 7-1/16" 5K x 10K adaptor spool, 7-1/16" 10K single BOP with 2-3/8" rams & 7-1/16" 10K flowcross with dual 2-1/16" 10K gate valve out lets. - Continue to POOH, LD 60 jts 2-3/8" 5.95#, PH-6 tbg. (WS). LD TTS BHA. All tools recovered. SWI. RDMO TTS equipment. - HSM review work to be perform, JSAs, stop-work authority, smoking policy, evacuation plans & FRC policy. - 0515 Current Operations : POOH T/ 1800? Filling Casing continue POOH L/D 2-3/8? PH-6 workstring W/ TTS BHA - 0200 Current Operations : POOH LD 2-3/8? PH-6 work string w/ TTS BHA Abrasive Perforating tool no sign of drag through lateral, @ 8555? Mountain States RU for double fast line, Circulating bottoms up in vertical section, Continue out of hole, no signs of flow. - MIRU FMC test Unit. Open well and installed TWCV into 4-1/2? casing hanger. Test TWCV to 250 psi for low, for 5 min. Test good. BO pressure. Test same to 10,000 psi for high, for 10 min. Test good. BO pressure. 10:06 Westen Well Services on location. Loaded Halliburton 4-1/2" Seal Assembly and return back to Halliburton.

Daily Cost: \$0

Cumulative Cost: \$959,954

12/11/2012 Day: 17**Completion**

Rigless on 12/11/2012 - Haul frac fluids, DFIT Monitoring - Monitoring DFIT - Conduct PJSM, RU Baker Hughes, DFIT as follows: PT hardline T/8500 Psi, SICP: 615 psi establish rate @.2.0 bpm at 4800 Psi. pumping 3 Bbls. Pumping into with no visible break. Increase rate to 6.0 bpm @ 5,150 psi Pressure break, Pumped 8 Bbls Total of 13 Bbls. Final treating pressure 4,200 psi, SICP 5 min. 3,987 psi 10 min. 3,922 psi 15 min. 3,870 psi. Install Newfield monitoring equipment at beginning of job monitoring DFIT, 5 Bbls. CaCl 9.80 lbs/gal pumped at tail, Close in well, RD baker Hughes, Tarp, apply forced heat. Monitoring. - Monitoring DFIT, PT Flow back equipment

Daily Cost: \$0**Cumulative Cost:** \$993,241

12/12/2012 Day: 18**Completion**

Rigless on 12/12/2012 - Monitoring DFIT - 1845 Current Operation : DFIT Pressure SICP 2,463 Psi Battery life on instruments 97%/ 100%, Wellhead enclosed and forced heat, Pinnacle working on tool situation. Baker Hughes Spotting sand masters, 2115 Current Operations : Monitoring DFIT, SICP 2,463 Psi. 2345 Current Operations : Monitoring DFIT, SICP 2,464.5 Psi - Monitoring DFIT well - 06:47 Monitoring DFIT. SICP 2,458 psi. 10:00 Monitoring DFIT. SICP 2,458 psi. 12:30 Monitoring DFIT. SICP 2,460 psi. 14:00 Monitoring DFIT. SICP 2,461 psi. 16:00 Monitoring DFIT. SICP 2,462 psi. 16:00 Backer Hughes Started bringing in the sand chiefs 18:00 Monitoring DFIT. SICP 2,463 psi

Daily Cost: \$0**Cumulative Cost:** \$1,042,058

12/13/2012 Day: 19**Completion**

Rigless on 12/13/2012 - Monitoring DFIT - 13:00 Current Operations : Monitoring DFIT, SICP 2,473 Psi., 15:00 Current Operations : Monitoring DFIT, SICP 2,474 Psi., 17:00 Current Operations : Monitoring DFIT, SICP 2,475 Psi.2145, 1915 Current Operations : Monitoring DFIT, SICP 2,479 Psi., Super heaters and hot oiler on location heating 500 Bbbl. Frac tanks x 10 w/ fresh water X 10 KCL X 1 Brine to 100 degree F, Pinnacle tools in the hole ready for Frac .2315 Current Operations : Monitoring DFIT, SICP 2,479 Psi - Preferred Hot oilers showed up to start heating water in the frac tanks on both location. - Monitoring DFIT every 2 hrs , 0200 Current Operations : Monitoring DFIT, SICP 2,465 Psi , 0345 Current Operations : Monitoring DFIT, SICP 2,468 Psi, 0500 Current Operations : Monitoring DFIT, SICP 2,469 Psi, - 0900 Current Operations : Monitoring DFIT, SICP 2,471 Psi.,Backer petrolite showed up to treat frac tanks with bleach. Rockwater showed up to start hooking up polylines to transfer waterbetween both location. - 0700 Current Operations : Monitoring DFIT, SICP 2,470 Psi., - 1100 Current Operations : Monitoring DFIT, SICP 2,472 Psi., Sand haulers started showing up with 20/40 white sand

Daily Cost: \$0**Cumulative Cost:** \$1,055,402

12/14/2012 Day: 20**Completion**

Rigless on 12/14/2012 - Monitoring DFIT, Spot JW WL w/lequipment, MI & spot Baker Hugh Frac equipment, - 2230 Currently Operation : Monitoring DFIT, SICP 2479 Psi, JW Wireline on location Rigged up, Weatherford on location to torque Bakers 10K 4-1/16? X-O, Baker Hughes

on location spotting remainder of equipment, Tetra flowback crew on location. Pinnacle on location, Will be removing DFIT instruments before any work is done on well head. - 0015 Current Operation: Monitoring DFIT 2477 Psi SICP, 0430 Current Operations : Monitoring DFIT, SICP 2,479.5 Psi. Heating 500 Bbl Frac tanks, 9 out of 10 KCL heated 8 out of 10 fresh water heated 1 brine to heat, JW Wireline equipment on location (be on location 0730) , Baker Hughes notified the super heaters will be done approx. 0800 to start moving in HP. (Brandon Williams Treater) - 0630 Current Operations : Monitoring DFIT, SICP 2481.56 Psi., Preferred Hot oilers heating 500 Bbl Frac tanks be done approx. 0800, JW Wireline equipment on location.0600 Pinnacle is still in position at 9341-8665 feet to monitor the Siesmographic activity from the frac on the Lusty 2-11-3-3WH. 1330 Current Operations : Monitoring DFIT, SICP 2484 Psi. Baker Hughes Showed up to put water manifold together. 1300 Knight on location to swap out 2-3/8" rams to 4-1/2" rams. Baker Hughes Spotted in half the frac trucks and left at 17:30. 17:30 Current Operations : Monitoring DFIT, SICP 2479.62 Psi., - 1815 Current Operation : Monitoring DFIT, SICP 2479 Psi , 2045 Currently Operation : Monitoring DFIT, SICP 2479 Psi, JW Wireline on location RU Lubricator, Weatherford on location for torque Bakers 10K 4-1/16? X-O, Baker Hughes to be on location @ 2100 hrs. Tetra flowback crew on location.

Daily Cost: \$0

Cumulative Cost: \$1,083,159

12/15/2012 Day: 21**Completion**

Rigless on 12/15/2012 - Prime & pressure test , set N2 Pop off, Backside pop off, Pumped swep, Perf stage #1, Frac stage #1, - 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 4,720 Psi. Set Plug at 13,171'. Perforate Stage 2 at (13,126- 27.5'), (13,061' - 62.5') & (12,996' - 12,997.5'). Total Volume-196 BBL. Turn well over to Frac stg #2 - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 1 as follows: Break down 9.5 bpm @ 5,160 psi. Avg rate: 33 bpm, Avg press: 7,270 psi, Max rate: 36 bpm, Max press: 7,865 Psi. FG.0.993, ISIP: 5,025 PSI, 5 MIN: 4,570 psi, 10 MIN: 4,410 psi. 15 MIN: 4,335 psi. Total 20/40 White: 77,566 lbs, Total 15% FE acid 32 Bbl. Avg HHP: 5,619. Total load to recover 2,653 Bbls. Including 300 bbl on pump down. - Shut down to swap out 2 pumps, 2045 Current Operations : Pumps on location, spotting, hooking up, will pressure test and continue w/ frac. Issues brought up about discharge flanges leaking on the tub of the blender, Troy H(Supervisor) w/ Baker Hughes thinks all is well, says we can use the blender to do the job. Have a backup blender off location. - Location Safety Mtg. Prime pumps and test lines to 9,800 psi, Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 1 as follows: Break down 10.4 bpm @ 5,729 psi. While pumping pad pumps went down due to a valve. SD. Not enough horse power to finish job. - 0005 Currently Operation : Monitoring DFIT, Last reading powered down, SICP 2482 Psi, JW Wireline on location Rigged up loading guns, Halliburton will be on location 0200 for plugs, Weatherford working on well head top manual valve for Bakers 10K 4-1/16? X-O, Baker Hughes on location PJSM rigging up, Tetra flowback crew on location hooking up to well head wing valves. Pinnacle on location ready to go - 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 8,400 Psi. Perforate Stage 1 at (113,261- 13,262.5'), (13,196-13,197.5'), (11,790 - 11,781"). Total Volume-205 BBL. Final pressure of 8,440 psi & Falling. 3 1/8" guns at 60 degrees, 5 spf, three 1.0 guns 15 holes. POOH, all shots fired . WL OOH with guns/ for Stage 1 all shots fired. Turn well over to Baker to Frac Stage 1 - Location Safety Mtg. Prime pumps and Pressure test frac line to 9908psi for 1 min. Frac had problems with the pop-off. So it is set at 9000psi (N2 bottle is at 2075, Regulator is set at 278 psi) Baker Hughes has another pop-off headed out. Backside was pressure tested to 4749 psi pop-off set at 3900 psi. Pressure on the 9 5/8th is at 299 psi. Started Pumping the sweep established an injection rate at 5.3 bbls per min.@ 5309 5bbls pumped total.pumped 216 bbls. Pressured out at 9295psi @21.3bbls per min.pumped 800 gallons of 15% acid pumped 443 bbls total at 12 bpm @ 8800psi. Gave well over to wireline. Conduct PJSM, RU WL for pump down. Pressure tested the lubricator to 9800psi. - Currently Operation : Baker

Hughes Rigging up approx. 90% Rigged up, Process of Installing 4-1/16" 10K x 7-1/16" 10K X-O spool, frac head, Torque well head bolts. - Swap out N2 pop off. (washed out). Set pop-off to 9670psi. Regulator set at 252psi. N2 bottle set at 1690psi.

Daily Cost: \$0

Cumulative Cost: \$1,107,544

12/16/2012 Day: 22**Completion**

Rigless on 12/16/2012 - Continue to WL. Plug/perf stage #2, Frac stage #2, Plug/Perf stage #3, Frac Stage #3, Plug/Perf stage #4, Frac Stage #4, Plug/Perf stage #5, Frac Stage #5 - Change out check valve, Held PJSM. Hydraulic Fracture Basal Carbonate 'C' Dolomite stage #6 as follows: Break down 15.4 bpm @ 3,985 psi. Avg rate: 35 bpm, Avg press: 7,856 psi, Max rate: 35 bpm, Max press. 8,275 Psi. FG.1.087, ISIP: 5,870 PSI, 5 MIN: 5,235 psi, 10 MIN: 4,690 psi. 15 MIN: 4,356 psi. Total 20/40 White: 112,676 lbs Total 15% HCL 20 Bbl.I. Avg HHP 6,758 Total load to recover 2,238 Bbls. Including 147 bbl on pump down. - FMC Preventive Maintenance on frac valves inspecting and greasing. - Held PJSM. RU WL for pump down. Test to 9,500 Psi. OK. RIH. Pump down with max pump rate of 9 bpm. Max pressure 5,870 Psi. ok, Set Plug at 12,361' Perforate Stage 6 at (12,326 - 12,327.5'), (12,261' - 12,362.5'), (12,196 * 12,197.5') Total Volume-144.1 BBL. Final pressure of 5,808 psi & Falling a t 60 degrees, 5 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 6. WL . 3 1/8" guns OOH with guns/ for Stage 6 all shots fired.-Drop Ball - Turn well over to Baker to Frac - Pump down Placed approx 73,500 lbs. of 20/40 white sand 66.8% of design, pumped hole volume clean up turn over to wireline - 1700 Pressure out at the end of 5.0 ppg 20/40 sand stage. Attempt to flush well and pressure out. Put away 73,512# into formation, 20,000# in well bore. Currently Flowing well back on 32/64" choke, 2,558 psi. Plan is to Flow back 1-1/2 well volume (300 bbls), Attempt to get back in and flush well. - Held PJSM. Hydraulic Fracture Basal Carbonate 'C' Dolomite stage #5 as follows: Break down 10.1 bpm @ 5185 psi. Avg rate: 35 bpm, Avg press: 7,339 psi, Max rate: 36 bpm, Max press: 8950 Psi. FG.0.992, ISIP: 5018 PSI, 5 MIN: 4544 psi, 10 MIN: 4350 psi. 15 MIN: 4306 psi. Total 20/40 White: 108,254 lbs Total 15% FE acid 840 gal. Avg HHP: 6,314. Total load to recover 2,044. Including 155 bbl on pump down. - Final pressure of 4,241 psi & Falling 1.5' guns @ 60 degrees per shot, 5 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 2. WL . 3 1/8" guns, OOH with guns/ for Stage 2 all shots fired.-Drop Ball - Turn well over to Baker to Frac Stage 2 - Held PJSM. Hydraulic Fracture Basal Carbonate 'C' Dolomite stage #4 as follows: Break down 9.1 bpm @ 5,529 psi. Avg rate: 35 bpm, Avg press: 7,761 psi, Max rate: 36 bpm, Max press: 8,995 Psi. FG.1.21, ISIP: 6,200 PSI, 5 MIN: 5,184 psi, 10 MIN: 4,572 psi. 15 MIN: 4,316 psi. Total 20/40 White: 110,329 lbs Total 15% FE acid 840 gal. Avg HHP: 6,677. Total load to recover 2,129. Including 155 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 8.6 bpm. Max pressure 4,791 Psi. ok, Set Plug at 12,773.5' Perforate Stage 4 at (12,726-27.5'), (12,661-62.5') & (12,596-97.5'). Total Volume-155 BBL. Final pressure of 4,216 psi & Falling a t 60 degrees, 3 spf, three 1.5 guns 15 holes. POOH, all shots fired and drop ball for stage 4. WL . 3 1/8" guns OOH with guns/ for Stage 4 all shots fired.-Drop Ball - Turn well over to Baker to Frac Stage 4 - Held PJSM. Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 3 as follows: Break down 10.1 bpm @ 5185 psi. Avg rate: 35 bpm, Avg press: 7,339 psi, Max rate: 36 bpm, Max press: 8950 Psi. FG.0.992, ISIP: 5018 PSI, 5 MIN: 4544 psi, 10 MIN: 4350 psi. 15 MIN: 4306 psi. Total 20/40 White: 100,240 lbs Total 15% FE acid 840 gal. Avg HHP: 6,314. Total load to recover 2,044. Including 155 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 8.7 bpm. Max pressure 4,371 Psi. Set Plug at 12,948" Perforate Stage 3 at (12,922' - 12,923.5'), (12,861' - 12,862.5"), (12,801' - 12,802.5"). Total Volume-165.1 BBL. Final pressure of 4,249 psi & Falling a t 60 degrees, 3 spf, three 1.5 guns 15 holes. POOH, all shots fired and drop ball for stage 3. WL . 3 1/8" guns OOH with guns/ for Stage 3 all shots fired.- Drop Ball - Turn well over to Baker to Frac Stage 3 - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 2 as follows: Break down 15.4 bpm @ 5,985 psi. Avg rate: 35 bpm, Avg

press: 7,415 psi, Max rate: 36 bpm, Max press: 7,850 Psi. FG.0.970, ISIP: 4,820 PSI, 5 MIN: 4,445 psi, 10 MIN: 4,305 psi. 15 MIN: 4,275 psi. Total 20/40 White: 88,160 lbs Total 15% FE acid 840 gal. Avg HHP: 6,397. Total load to recover 2,104. Including 165 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 5,752 Psi. ok, Set Plug at 12,557'. Perforate Stage #5 at (12,526-27.5'), (12,461-62.5') & (12,408-09.5'). Total Volume-155 BBL. Final pressure of 4,321 psi & Falling at 60 degrees, 3 spf, three 1.5 guns 15 holes. POOH, all shots fired and drop ball for stage #5. WL . 3 1/8" guns OOH with guns/ for Stage #5 all shots fired.-Drop Ball - Turn well over to Baker to Frac Stage #5

Daily Cost: \$0

Cumulative Cost: \$1,128,056

12/17/2012 Day: 23**Completion**

Rigless on 12/17/2012 - Frac Stage 7-12 - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 12 as follows: Break down 15.3 bpm @ 6,910 psi. Avg rate: 35 bpm, Avg press: 7,630 psi, Max rate: 36 bpm, Max press: 9,165 Psi. FG.1.049, ISIP: 5,525 PSI, 5 MIN: 4,725 psi, 10 MIN: 4,380 psi. 15 MIN: 4,293 psi. Total 20/40 White: 110,622 lbs Total 15% FE acid 840 gal. Avg HHP: 6,489. Total load to recover 1,624. Including 83.3 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 8.8 bpm. Max pressure 5,442 Psi. Set Plug at 11,115' Perforate Stage 12 at (11,126 - 11,127.5'), (11,057 - 11,058.5'), (10,996 - 10,997.5') Total Volume-91 BBL. Final pressure of 4,462 psi & Falling. 3 1/8" Perf guns @ 60 degrees, 3 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 12 HF. OOH with guns, all shots fired.-Drop Ball - Turn well over to Baker to Frac. - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 11 as follows: Break down 15.3 bpm @ 7,075 psi. Avg rate: 35 bpm, Avg press: 7,495 psi, Max rate: 36 bpm, Max press: 9,265 Psi. FG.1.116, ISIP: 6,130 PSI, 5 MIN: 4,415 psi, 10 MIN: 4,010 psi. 15 MIN: 4,290 psi. Total 20/40 White: 112,608 lbs Total 15% FE acid 840 gal. Avg HHP: 6,430. Total load to recover 1,641. Including 101 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 8.9 bpm. Max pressure 4,845 Psi. Set Plug at 11,326' Perforate Stage 11 at (11,320 - 11,321.5'), (11,261 - 11,262.5'), (11,199 - 11,200.5') Total Volume-101 BBL. Final pressure of xxxx psi & Falling. 3 1/8" Perf guns @ 60 degrees, 3 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 11 HF. OOH with guns, all shots fired.-Drop Ball - Turn well over to Baker to Frac. - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 10 as follows: Break down 9.1bpm @ 5,356 psi. Avg rate: 35 bpm, Avg press: 7,250 psi, Max rate: 36 bpm, Max press: 8,449 Psi. FG.1.013, ISIP: 5,206 PSI, 5 MIN: 4,782 psi, 10 MIN: 4,392 psi. 15 MIN: 4,297 psi. Total 20/40 White: 110,017 lbs Total 15% FE acid 840 gal. Avg HHP: 6,212. Total load to recover 2,125. Including 111 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 8.9 bpm. Max pressure 6,308 Psi. Set Plug at 12,144' Perforate Stage 7 at (12,126 - 12,127.5'), (12,064' - 12,065.5'), (11,996 * 11,997.5') Total Volume-146.4 BBL. Final pressure of 4,540 psi & Falling a t 60 degrees, 3 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 6. WL . 3 1/8" guns OOH with guns/ for Stage 7 all shots fired.-Drop Ball - Turn well over to Baker to Frac - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 9 as follows: Break down 9.1bpm @ 5,620 psi. Avg rate: 32 bpm, Avg press: 8,099 psi, Max rate: 36 bpm, Max press: 9,487 Psi. FG.1.291, ISIP: 7,703 PSI, 5 MIN: 6,602 psi, 10 MIN: 5,819 psi. 15 MIN: 5,203 psi. Total 20/40 White: 93,489 lbs Total 15% FE acid 840 gal. Avg HHP: 6,273. Total load to recover 1,446. Including 115 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 9.1 bpm. Max pressure 6,401 Psi. Set Plug at 11,781' Perforate Stage 9 at (11,726-27.5'), (11,661-62.5'), (11,596-97.5') Total Volume-115 BBL. Final pressure of 5,000 psi & Falling. 3 1/8" Perf guns @ 60 degrees, 3 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 9 HF. OOH with guns, all shots fired.-Drop Ball - Turn well over to Baker to Frac - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 8 as follows: Break down 9.1bpm @ 5,620 psi. Avg rate: 32 bpm, Avg press: 8,099 psi, Max

rate: 36 bpm, Max press: 9,487 Psi. FG.1.291, ISIP: 7,703 PSI, 5 MIN: 6,602 psi, 10 MIN: 5,819 psi. 15 MIN: 5,203 psi. Total 20/40 White: 93,489 lbs Total 15% FE acid 840 gal. Avg HHP: 6,273. Total load to recover 1,446. Including 115 bbl on pump down. NOTES- cut sand early while pump 5lb ppg 20/40 sand due to increase in pressure flush well. - Held PJSM. RU WL for pump down. Test to 9,500 Psi. OK. RIH. Pump down with max pump rate of 8.7 bpm. Max pressure 5,218 Psi. Set Plug at 11,949' Perforate Stage 8 at (11,922' - 11,923.5'), (11,861' - 11,862.5'), (11,802' - 11,803.5') Total Volume-143 BBL. Final pressure of 4,400 psi & Falling. 3 1/8" Perf guns @ 60 degrees, 3 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 8 HF. OOH with guns, all shots fired.-Drop Ball - Turn well over to Baker to Frac - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 7 as follows: Break down 15.2 bpm @ 6,950 psi. Avg rate: 35 bpm, Avg press: 8,040 psi, Max rate: 36 bpm, Max press: 8,765 Psi. FG.1.021, ISIP: 5,280 PSI, 5 MIN: 4,747 psi, 10 MIN: 4,427 psi. 15 MIN: 4,296 psi. Total 20/40 White: 110,243 lbs Total 15% FE acid 840 gal. Avg HHP: 6,917. Total load to recover 2,017. Including 143 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 9.1 bpm. Max pressure 4,680 Psi. Set Plug at 11,564' Perforate Stage 10 at (11,526-27.5'), (11,461-62.5'), (11,396-97.5') Total Volume-111 BBL. Final pressure of 4198 psi & Falling. 3 1/8" Perf guns @ 60 degrees, 3 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 10 HF. OOH with guns, all shots fired.-Drop Ball - Turn well over to Baker to Frac.

Daily Cost: \$0

Cumulative Cost: \$1,228,622

12/18/2012 Day: 24**Completion**

Rigless on 12/18/2012 - Fracture Stimulate Stages 13- 18 - - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 18 as follows: Break down 15.3 bpm @ 6,390 psi. Avg rate: 34 bpm, Avg press: 8,381 psi, Max rate: 36 bpm, Max press: 9,210 Psi. FG. 0.965, ISIP:4,775 PSI, 5 MIN: 4,525 psi, 10 MIN: 4,435 psi. 15 MIN: 4,365 psi. Total 20/40 White: 17,797 lbs Total 15% FE acid 840 gal. Avg HHP: 6,837. Total load to recover 1272 Including 38.0 bbl on pump down. - Fluid valves froze up, heating to thaw out. - 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 4,991 Psi. Set Plug #17 at 9,966' Perforate Stage 18 at (9,926'-9,927.5'), (9,863'-9,864.5'), (9,796'-9,797.5') Total Volume-52.1 BBL. Final pressure of 4,130 psi & Falling. 3 1/8" Perf guns @ 60 degrees, 3 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 18 . OOH with guns, all shots fired.-Drop Ball - Turn well over to Baker to Frac. - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 17 as follows: Break down 14.0 bpm @ 5,835 psi. Avg rate: 35 bpm, Avg press: 7,170 psi, Max rate: 36 bpm, Max press: 7,820 Psi. FG. 1.083, ISIP:6,596 PSI, 5 MIN: 5,105 psi, 10 MIN: 4,570 psi. 15 MIN: 4,415 psi. Total 20/40 White: 109,374 lbs Total 15% FE acid 840 gal. Avg HHP: 6,151. Total load to recover 1939. Including 52.1 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 4,838 Psi. Set Plug #15 at 10,356' Perforate Stage 16 at (10,326 - 10,327.5'), (10,261 - 10,262.5'), (10,210 - 10,211.5.5') Total Volume-48.7 BBL. Final pressure of 4,164 psi & Falling. 3 1/8" Perf guns @ 60 degrees, 3 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 16 . OOH with guns, all shots fired.-Drop Ball - Turn well over to Baker to Frac. - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 16 as follows: Break down 8.9 bpm @ 5,852 psi. Avg rate: 35 bpm, Avg press: 7,673 psi, Max rate: 36 bpm, Max press: 9,518 Psi. FG. 1.156, ISIP:6,596 PSI, 5 MIN: 5,953 psi, 10 MIN: 5,456 psi. 15 MIN: 5,030 psi. Total 20/40 White: 112,179 lbs Total 15% FE acid 840 gal. Avg HHP: 6,507. Total load to recover 1,763. Including 48.7 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 4,838 Psi. Set Plug #15 at 10,356' Perforate Stage 16 at (10,326 - 10,327.5'), (10,261 - 10,262.5'), (10,210 - 10,211.5.5') Total Volume-48.7 BBL. Final pressure of 4,164 psi & Falling. 3 1/8" Perf guns @ 60 degrees, 3 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 16 . OOH with guns, all shots fired.-Drop Ball - Turn well over to Baker to Frac. - Hydraulic

Fracture Basal Carbonate 'C' Dolomite stage 15 as follows: Break down 23.3bpm @ 7,669 psi. Avg rate: 35 bpm, Avg press: 7,181 psi, Max rate: 36 bpm, Max press: 7,711 Psi. FG. 1.041, ISIP:5,539 PSI, 5 MIN: 4,946 psi, 10 MIN: 4,496 psi. 15 MIN: 4,407 psi. Total 20/40 White: 113,400 lbs Total 15% FE acid 840 gal. Avg HHP: 6,090. Total load to recover 1,974. Including 59.9 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 8.9 bpm. Max pressure 5,625 Psi. Set Plug #14 at 10,570' Perforate Stage 15 at (10,526 - 10,527.5'), (10,459 - 10,460.5'), (10,396 - 10,397.5') Total Volume-59.9 BBL. Final pressure of 4,868 psi & Falling. 3 1/8" Perf guns @ 60 degrees, 3 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 15 . OOH with guns, all shots fired.-Drop Ball - Turn well over to Baker to Frac. - Flowed back the well for an hour getting back 323bbbls. Handed the well to Baker hughes to flush the well. Flushed the with 166bbbls.Baker Hughes handed the well off to Wireline. - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 14 as follows: Break down 15.3bpm @ 6,235 psi. Avg rate: 34 bpm, Avg press: 7,341 psi, Max rate: 36 bpm, Max press: 9,803 Psi. FG.N/A, ISIP:N/A PSI, 5 MIN: N/A psi, 10 MIN: N/A psi. 15 MIN: N/A psi. Total 20/40 White: 113,371 lbs Total 15% FE acid 840 gal. Avg HHP: 6,171. Total load to recover 1,421. Including 104 bbl on pump down. Screened out on stage #14 just as 6lb hit the the perforations. Flowing back the well on 32/64 choke at 2600psi. - Held PJSM. RU WL for pump down. Test to 9,500 Psi. OK. RIH. Pump down with max pump rate of 8.8 bpm. Max pressure 4,691 Psi. Set Plug #13 at 10,758' Perforate Stage 14 at (10,726 - 10,727.5'), (10,661 - 10,662.5'), (10,595 - 10,596.5') Total Volume-73.6 BBL. Final pressure of 4,263 psi & Falling. 3 1/8" Perf guns @ 60 degrees, 3 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 13 . OOH with guns, all shots fired.-Drop Ball - Turn well over to Baker to Frac. - Change out seal in Buffalo head, WL could not get a good test on lubricator. Change out and resume operations - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 13 as follows: Break down 15.2 bpm @ 8,260 psi. Avg rate: 34 bpm, Avg press: 7,535 psi, Max rate: 36 bpm, Max press: 9,365 Psi. FG.1.084, ISIP: 5,840 PSI, 5 MIN: 2,550 psi, 10 MIN: 4,650 psi. 15 MIN: 4,325 psi. Total 20/40 White: 110,718 lbs Total 15% FE acid 840 gal. Avg HHP: 6,298. Total load to recover 1,680. Including 76.9 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 8.8 bpm. Max pressure 4,849 Psi. Set Plug #12 at 10,930' Perforate Stage 13 at (10,926 - 10,927.5'), (10,861 - 10,862.5'), (10,807 - 10,808.5') Total Volume-83.3 BBL. Final pressure of 4,216 psi & Falling. 3 1/8" Perf guns @ 60 degrees, 3 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 13 . OOH with guns, all shots fired.-Drop Ball - Turn well over to Baker to Frac.

Daily Cost: \$0
Cumulative Cost: \$1,346,951

12/19/2012 Day: 25**Completion**

Rigless on 12/19/2012 - Shut in - RD Wireline and frac - WL Run Kill Plug #1 set @ 8,704' w/ 4,260 Psi. POOH inspect tool plug gone. WL Run Kill Plug #2 @ 8,663' w/ Psi. POOH Inspect tool plug gone. - Held PJSM. RU WL for pump down. Test to 9,500 Psi. OK. RIH. Pump down with max pump rate of 8.8 bpm. Max pressure 6,050 Psi. Set Plug #18 at 9,754' Perforate Stage 19 at (9,726-9727.5'), (9,661-9662.5'), (9,596-9597.5') Total Volume-37.1 BBL. Final pressure of 4,226 psi & Falling. 3 1/8" Perf guns @ 60 degrees, 3 spf, three 1.5' guns 15 holes. POOH, all shots fired and drop ball for stage 19 . OOH with guns, all shots fired.-Drop Ball - Turn well over to Baker to Frac. - Hydraulic Fracture Basal Carbonate 'C' Dolomite stage 18 as follows: Break down 15.3 bpm @ 6,390 psi. Avg rate: 34 bpm, Avg press: 8,381 psi, Max rate: 36 bpm, Max press: 9,210 Psi. FG. 0.965, ISIP:4,775 PSI, 5 MIN: 4,525 psi, 10 MIN: 4,435 psi. 15 MIN: 4,365 psi. Total 20/40 White: 17,797 lbs Total 15% FE acid 840 gal. Avg HHP: 6,837. Total load to recover 1272 Including 38.0 bbl on pump down. - no activity

Daily Cost: \$0
Cumulative Cost: \$3,219,351

12/21/2012 Day: 26

Completion

Rigless on 12/21/2012 - ND 4-1/16" 10k frac stack, NU 7-1/16" 5K BOP - 0045 Current Operation : ND Lusty 2-11-3-3WH 4-1/16" 10K frac tree, load out w/ accumulator haul to town using Western well service hot shot. Installing TWCV, 10k x 5k spool NU 1- blind 1- pipe w4.500? rams 1- mud cross w/ double wing each side 1- pipe w/ 4.500? rams. No hy-drill on this BOP @ this time when finished drilling out plugs on Lusty 1-11 ND will take hy-drill of that stack and install to the Lusty 2-11 (7-1/16" 10k to 4-1/16" 10k adapter sent to town w/ Cameron) BOP torqued and ready for test. (well is tarped w/ forced heat)

Daily Cost: \$0

Cumulative Cost: \$3,237,914

12/23/2012 Day: 27

Completion

Rigless on 12/23/2012 - NU knight 10k BOP Stack Move over rig Cat-Walk and equipment and Prepare for pulling 4 1/2 frac String - MIRU rig NU BOP stack and annular. Spot in catwalk, piperack, power swivel and pumps. - No Activity

Daily Cost: \$0

Cumulative Cost: \$3,305,247

12/26/2012 Day: 29

Completion

MWS #731 on 12/26/2012 - No activity - No Rig Activity, Checking location heaters and generators - No Rig Activity, Checking location heaters and generators - No Rig activity, check light plants, heaters, location. - No Rig activity, check light plants, heaters, location. - 21:30 - Start to Pull 4 1/2 13.5# P110 Casing out of well , Midnight currently have 57 JTS casing out of well 2522 Ft - PU WT 78 K - NU WT 74 K - SO WT 72 K- Torque 4 K - Still in hole 136 JTS Casing 6020 FT - 21:30 - Start to Pull 4 1/2 13.5# P110 Casing out of well , Midnight currently have 57 JTS casing out of well 2522 Ft - PU WT 78 K - NU WT 74 K - SO WT 72 K- Torque 4 K - Still in hole 136 JTS Casing 6020 FT - Circulated 2 Casing volumes of 70 Deg Water -Total of 300 bbls to clean Casing - Circulated 2 Casing volumes of 70 Deg Water -Total of 300 bbls to clean Casing - Rig UP 20 ft JT 4 1/2 P110 Casing Tie into tubing Hanger ,Bleed off pressure on Casing and Backside ,Back Off Pins on Donut- Pull 1- 44 ft JT + 1- 14 Ft pup and 1- 6 ft pup , 122 k to pull out seal assembly - pick up weight 118 K, - hooking up pump to circulate casing - No Rig activity, check light plants, heaters, location. - Rig UP 20 ft JT 4 1/2 P110 Casing Tie into tubing Hanger ,Bleed off pressure on Casing and Backside ,Back Off Pins on Donut- Pull 1- 44 ft JT + 1- 14 Ft pup and 1- 6 ft pup , 122 k to pull out seal assembly - pick up weight 118 K, - hooking up pump to circulate casing - LOR - arrived on Location (Shorty) Casing inspector , Holding PJSM with Rig Crew, Casing crew ,All vendors On location - LOR - arrived on Location (Shorty) Casing inspector , Holding PJSM with Rig Crew, Casing crew ,All vendors On location - LOR - arrived on Location (Shorty) Casing inspector , Holding PJSM with Rig Crew, Casing crew ,All vendors On location - Current Operation : BOP Test done, Accumulator test done, Dry rod TWCV, tx. Fresh water to 500 Bbl tanks for drill out, Weatherford pump RU ready to circulate, Flow back PT, Franks casers RU, Ready to pull 4.500? 13.5# Frac string. Lore inspector to be on location approx 1800 hrs. - Current Operation : BOP Test done, Accumulator test done, Dry rod TWCV, tx. Fresh water to 500 Bbl tanks for drill out, Weatherford pump RU ready to circulate, Flow back PT, Franks casers RU, Ready to pull 4.500? 13.5# Frac string. Lore inspector to be on location approx 1800 hrs. - Current Operation : BOP Test done, Accumulator test done, Dry rod TWCV, tx. Fresh water to 500 Bbl tanks for drill out, Weatherford pump RU ready to circulate, Flow back PT, Franks casers RU, Ready to pull 4.500? 13.5# Frac string. Lore inspector to be on location approx 1800 hrs. - Current Operations ; Mountain States, Weatherford, Knight oil tools, Cameron, Tetra to be on location @ 0800 Runners will be delivering 2-3/8" PH6 work string, Casing

racks. Pressure Testing 10K BOP, dead head test unit 10,000 Psi. 10 minutes high 250 Psi 5 minutes low test good, TWCV installed 4.500" pipe rams installed testing. Blind rams - Lower master 10,000 Psi high 10 min. 250 Psi low 5 min. test good, Lower pipe rams 10,000 Psi high 10 min. 250 Psi low 5 min. test good Upper pipe rams 10,000 Psi high 10 min 250 Psi low 5 min. test good, Flow back hardline 10,000 Psi high 250 Psi low test good, Annular 3500 Psi high 10 min 250 Psi low 5 min test good. - Current Operations ; Mountain States, Weatherford, Knight oil tools, Cameron, Tetra to be on location @ 0800 Runners will be delivering 2-3/8" PH6 work string, Casing racks. Pressure Testing 10K BOP, dead head test unit 10,000 Psi. 10 minutes high 250 Psi 5 minutes low test good, TWCV installed 4.500" pipe rams installed testing. Blind rams - Lower master 10,000 Psi high 10 min. 250 Psi low 5 min. test good, Lower pipe rams 10,000 Psi high 10 min. 250 Psi low 5 min. test good Upper pipe rams 10,000 Psi high 10 min 250 Psi low 5 min. test good, Flow back hardline 10,000 Psi high 250 Psi low test good, Annular 3500 Psi high 10 min 250 Psi low 5 min test good. - Current Operations ; Mountain States, Weatherford, Knight oil tools, Cameron, Tetra to be on location @ 0800 Runners will be delivering 2-3/8" PH6 work string, Casing racks. Pressure Testing 10K BOP, dead head test unit 10,000 Psi. 10 minutes high 250 Psi 5 minutes low test good, TWCV installed 4.500" pipe rams installed testing. Blind rams - Lower master 10,000 Psi high 10 min. 250 Psi low 5 min. test good, Lower pipe rams 10,000 Psi high 10 min. 250 Psi low 5 min. test good Upper pipe rams 10,000 Psi high 10 min 250 Psi low 5 min. test good, Flow back hardline 10,000 Psi high 250 Psi low test good, Annular 3500 Psi high 10 min 250 Psi low 5 min test good. - No Activity - No Activity - No Activity - No Rig Activity, Checking location heaters and generators - 21:30 - Start to Pull 4 1/2 13.5# P110 Casing out of well, Midnight currently have 57 JTS casing out of well 2522 Ft - PU WT 78 K - NU WT 74 K - SO WT 72 K - Torque 4 K - Still in hole 136 JTS Casing 6020 FT - Rig UP 20 ft JT 4 1/2 P110 Casing Tie into tubing Hanger, Bleed off pressure on Casing and Backside, Back Off Pins on Donut - Pull 1- 44 ft JT + 1- 14 Ft pup and 1- 6 ft pup, 122 k to pull out seal assembly - pick up weight 118 K, - hooking up pump to circulate casing

Daily Cost: \$0

Cumulative Cost: \$3,321,592

12/27/2012 Day: 31

Completion

MWS #731 on 12/27/2012 - Pull Remaining frac string, RU to change out pipe rams 4.500" t/ 2.375", test, load 4 1/2 unload 2 .375 PH6-RIH to drill out Plugs - 24:00 Currently in hole w/BHA and 250 jts 2-3/8" Ph-6, P110# tbg @ 7830' FS. Currently RIH w/Tbg - 03:00 AM currently have 120 JTS casing out of well 5300 Ft - PU WT 64 K - NU WT 60 K - SO WT 56 K - Torque 4 K - Still in hole 73 JTS Casing 3232 FT - 05:30 AM Out of Hole with Frac Liner (Halliburton Seal Bore Assembly For Versaflex Expandable Liner Hanger 5.317" OD x 3.875" ID x 11.98' long, No Go 5.83" OD x 3.875" ID x 1.24' long, X/Over sub 5.03" OD x 3.875" ID x 1.04' long, QN Nipple 5.01" OD x 3.775" ID x 1.60' long, 192 Jts 4.500", 13.5#, P-110 BTC casing, 6.14" x 4.500", 13.5#, P-110 BTC pup Jt, 14.62" x 4.500", 13.5#, P-110 BTC pup Jt, 1 Jts 4.500", 13.5#, P-110 BTC casing) Rigging down Franks Casing Crew - Rigging down Franks Casing Crew - 06:30 AM Runners on Way from Myton to unload 13,500 Ft 2 3/8 PH6 drill out string and load up 4 1/2 casing 05:30 AM Knight on way out from Vernal to replace 4 1/2 rams with 2 3/8 Rams 05:30 AM Weatherford test unit on way from Vernal to test Rams - 10:30 ? 4.5" casing off location to Runners yard. Set 2 3/8" PH6 work string on pipe racks. Drift & strap work string. 2 3/8" tubing rams changed & pressure testing as procedure. Prep 2 3/8: PH6 to PU & RIH. 08:00 ? Knight BOP hand on location. Change pipe rams from 4.5" to 2 3/8". Continue to off load tubing & back load 4.5" casing. 07:30 ? Weatherford tester on location. - 20:00 ? Have 180 jts 2-3/8" Ph-6 P-110 tbg in the hole @ 5685 FS. Had to shut down. Lost hydraulics on rig. After investigation the problem we think it is a hydraulics cylinder. Went into town to get another one. Will update later. 21:30 ? All repair complete on the hydraulics. Start in hole w/2-3/8" tbg - 19:00 - Currently RIH w/weatherford 3.75 four blind mill 1.25" ID x 1.61" long 1- 2-3/8" bit sub, 2.940 OD, 1.38" ID, 2.18" Long, 1 jt 2-3/8" PH-6, P-110 tbg, 1- 2-3/8" RN Nipple x .75" long, w/163 jts 2-3/8" PH-6 P-110# tbg, @

5122? FS. Currently RIH w/tbg er - 18:00 - Present operation: Fill & circulate tubing. Have safety meeting with night crew. Turn well over to night shift supervisor Steve Bradshaw 505-486-0220. 15:00 ? PU & RIH w/ 2 3/8? PH6 tubing. Fill tubing every 40 jts.

Daily Cost: \$0

Cumulative Cost: \$3,411,889

12/28/2012 Day: 32**Completion**

MWS #731 on 12/28/2012 - RIH w/BHA and Drill out Frac plugs - 00:00 Currently in hole w/BHA and 250 jts 2-3/8? Ph-6, P110# tbg @ 7830? FS. Currently RIH w/Tbg - 14:15 ? PU tubing to tag FP #9. Establish circulation. 13:45 ? Thru Frac Plug #8 - Halliburton 10K Obsidian - WL Set Depth: 11,151? ? Tbg Tag Depth: 11,129? - Change in depth: -22? - Plug drill time: 35 min - Pump Pressure: 4,900 - Pump Rate: 2.5 bpm ? Wellhead Pressure: 2850 PSI, Return Rate: 3.0 bpm, PUWT: 60K - Neut WT: 50K - SO WT: 34K, Power Swivel ?FS: 1900 psi, D/O: 2600 psi. Additional Comments: Pumped 10 bbl sweep after plug drilled out 13:30 - PU tubing to tag FP #8. Establish circulation. 13:00 ? Thru Frac Plug #7 - Halliburton 10K Obsidian - WL Set Depth: 10,930? ? Tbg Tag Depth: 10,946? - Change in depth: +16? - Plug drill time: 17 min - Pump Pressure: 4,900 - Pump Rate: 2.5 ? Wellhead Pressure: 2850 PSI, Return Rate: 3.1 bpm, PUWT: 60K - Neut WT: 50K - SO WT: 35K, Power Swivel ?FS: 1700 psi, D/O: 2300. Additional Comments: Pumped 10 bbl sweep after plug drilled out 12:45 - PU tubing to tag FP #7. Establish circulation. 12:15 ? Thru Frac Plug #6 - Halliburton 10K Obsidian - WL Set Depth: 10,758? ? Tbg Tag Depth: 10,758? - Change in depth: 0 - Plug drill time: 12 - Pump Pressure: 4,900 - Pump Rate: 2.5 ? Wellhead Pressure: 2850 PSI, Return Rate: 3.3bpm, PUWT: 62K - Neut WT: 50K - SO WT: 40K, Power Swivel ?FS: 1700 psi, D/O: 2500 psi. Additional Comments: Pumped 10 bbl sweep after plug drilled out 12:00 - PU tubing to tag FP #6. Establish circulation. 11:45 ? Thru Frac Plug #5 - Halliburton 10K Obsidian - WL Set Depth: 10,570? ? Tbg Tag Depth: 10,570? - Change in depth: 0 - Plug drill time: 22 - Pump Pressure: 4,900 - Pump Rate: 2.6 ? Wellhead Pressure: 2800 PSI, Return Rate: 3.1bpm, PUWT: 60K - Neut WT: 46K - SO WT: 40K, Power Swivel ?FS: 1700 psi, D/O: 2300 psi. Additional Comments: Pumped 10 bbl sweep after plug drilled out 11:30 - PU tubing to tag FP #5. Establish circulation. - 11:15 - Thru Frac Plug #4 - Halliburton 10K Obsidian - WL Set Depth: 10,356? ? Tbg Tag Depth: 10,397? - Change in depth: +31? - Plug drill time: 26 min - Pump Pressure: 4,900 - Pump Rate: 2.6 bpm ? Wellhead Pressure: 2800 PSI, Return Rate: 3 bpm, PUWT: 58K - Neut WT: 52K - SO WT: 44K, Power Swivel ?FS: 1700 psi, D/O: 2300. Additional Comments: Pumped 10 bbl sweep after plug drilled out 11:00 - PU tubing to tag FP #4. Establish circulation. 10:15 ? Thru Frac Plug #3 - Halliburton 10K Obsidian - WL Set Depth: 10,184? ? Tbg Tag Depth: 10,153? - Change in depth: -31 - Plug drill time: 12 - Pump Pressure: 4,900 - Pump Rate: 2.6 ? Wellhead Pressure: 2800 PSI, Return Rate: 3.3bpm, PUWT: 56K - Neut WT: 50K - SO WT: 44K, Power Swivel ?FS: 1700 psi, D/O: 2300. Additional Comments: Pumped 10 bbl sweep after plug drilled out 09:45 ? PU tubing to tag FP #3. Establish circulation. 09:30 ? Thru Frac Plug #2 ? Halliburton 10K Obsidian - WL Set Depth: 9966? ? Tbg Tag Depth: 9957? - Change in depth: -9? - Plug drill time: 15 - Pump Pressure: 4,900 - Pump Rate: 2.8 ? Wellhead Pressure: 2900 PSI, Return Rate: 3.2bpm, PUWT: 52K - Neut WT: 51K - SO WT: 50K, Power Swivel ?FS: 1700 psi, D/O: 2300. Additional Comments: Pumped 10 bbl sweep after plug drilled out. Changed out 3.5? Reg Box to 2 3/8? PH6 pin X-over. 09:00 ? Tag on Frac plug #2. Establish circulation. 08:45 ? PU tubing. 08:30 ? Thru Frac Plug #1 - Halliburton 10K Obsidian - WL Set Depth: 9754? ? Tbg Tag Depth: 9754? - Change in depth: 0 - Plug drill time: 15 - Pump Pressure: 4,800 - Pump Rate: 2.75 ? Wellhead Pressure: 2800 PSI, Return Rate: 3.2 bpm, PUWT: 52K - Neut WT: 51K - SO WT: 50K, Power Swivel ?FS: 1700 psi, D/O: 2300. Additional Comments: Pumped 10 bbl sweep after plug drilled out 08:15 ? Tag FP #1 & establish circulation 06:30 ? PU tubing to tag Frac plug # 1. 06:00 ? Safety meeting w/ Daylight rig crew. Finish circulating bottoms up after D/O kill plugs. Pumped 290 bbls. - 18:00 ? Continue cleanup cycle. Hand over well to night supervisor Steve Bradshaw ? 505-486-0220. Safety meeting w/ night rig crew. 16:15 ? Pump 10 bbl sweep, 10 water, 10 bbl sweep, 10 water, 10 bbl sweep, 350 bbls for bottoms up clean

up. 15:30 ? PU tubing to tag FP #10. Establish circulation 15:00 ? Thru Frac Plug #9 - Halliburton 10K Obsidian - WL Set Depth: 11,347? ? Tbg Tag Depth: 11,332? - Change in depth: -15? - Plug drill time: 30 - Pump Pressure: 4,900 - Pump Rate: 2.5 bpm ? Wellhead Pressure: 2850 PSI, Return Rate: 3.3 bpm, PUWT: 60K - Neut WT: 46K - SO WT: 34K, Power Swivel ?FS: 1900 psi, D/O: 2600 psi. Additional Comments: Pumped 10 bbl sweep after plug drilled out - 19:30 Frac Plug #10 Halliburton 10K Obsidian ? WL set Dept: 11,564? ? Tbg Tag Dept :11,562? ? change in dept: -2? - Plug drill time: 25 - Pump Pressure: 4,900 - Pump Rate: 2.6 ? Wellhead Pressure: 2800 PSI, Return Rate: 3.3 bpm, PUWT: 56K - Neut WT: 48K - SO WT: 40K, Power Swivel ?FS: 2100 psi, D/O: 2500. Additional Comments: Pumped 10 bbl sweep after plug drilled out. 21:00- Frac Plug #11 - Halliburton 10K Obsidian - WL Set Depth: 11,781? ? Tbg Tag Depth: 11,783? - Change in depth: +2 - Plug drill time: 30 - Pump Pressure: 4,900 - Pump Rate: 2.2 ? Wellhead Pressure: 2800 PSI, Return Rate: 3.3bpm, PUWT: 56K - Neut WT: 48K - SO WT: 44K, Power Swivel ?FS: 2100 psi, D/O: 2600. Additional Comments: Pump 10 bbls sweep after drilled out. 22:00 - Frac Plug #12 - Halliburton 10K Obsidian - WL Set Depth: 11,949? ? Tbg Tag Depth: 11,951? - Change in depth: +2 - Plug drill time: 30 - Pump Pressure: 4,900 - Pump Rate: 2.1 ? Wellhead Pressure: 2800 PSI, Return Rate: 3.2bpm, PUWT: 60K - Neut WT: 50K - SO WT: 42K, Power Swivel ?FS: 2000 psi, D/O: 2700. Additional Comments: : Pump 10 bbls sweep after drilled out. - 01:00 AM TIH w/BHA and 270 jts 2-3/8" Ph-6 P-110 tbg and Tag first Kill Plug @ 8,669? FS WL Dept @ 8,663? FS. RU Power swivel. 03:30 AM Kill Plug #1 ? Halliburton 10K Fasdrill - WL Set Depth: 8663? - Tbg Tag Depth: 8669? - Change in depth: +6 - Plug drill time: 10 - Wash Time: 10 - Sand ? 0? - Pump Pressure: 4,100 - Pump Rate: 2.5 ? Wellhead Pressure ? 2700 Stalls ? 0 ? Cuttings ?0- small Additional Comments: PU & RIH hole w/2-3/8? tbg to drill out Kill plug #2 06:00 AM - Kill Plug #2 - Halliburton 10K Fasdrill - WL Set Depth: 8,704? ? Tbg Tag Depth: 8707 - Change in depth: +3 - Plug drill time: 19, Pump Pressure: 4,100 - Pump Rate: 2.5 ? Wellhead Pressure ? 2,700 Cir bottom up w/300 bbl water. Have safety meeting w/Day crew - 22:30 -Frac Plug #13 - Halliburton 10K Obsidian - WL Set Depth: 12,144? ? Tbg Tag Depth: 12,145? - Change in depth: -1 - Plug drill time: 25 - Pump Pressure: 4,900 - Pump Rate: 2.6 ? Wellhead Pressure: 2800 PSI, Return Rate: 3.3bpm, PUWT: 60K - Neut WT: 50K - SO WT: 40K, Power Swivel ?FS: 2000 psi, D/O: 2700. Additional Comments: Pump 10 bbls sweep after drilled out 23:45 - Frac Plug #14 - Halliburton 10K Obsidian - WL Set Depth: 12,382? ? Tbg Tag Depth: 12,384? - Change in depth: -2 - Plug drill time: 35 - Pump Pressure: 4,900 - Pump Rate: 2.1 ? Wellhead Pressure: 2800 PSI, Return Rate: 3.2 bpm, PUWT: 64K - Neut WT: 50K - SO WT: 44K, Power Swivel ?FS: 2400psi, D/O: 2800. Additional Comments: Pump 10 bbls sweep after drilled out. 23:55 ? PU tubing to tag FP #15. Establish circulation

Daily Cost: \$0

Cumulative Cost: \$3,511,178

12/29/2012 Day: 33

Completion

MWS #731 on 12/29/2012 - Drill out frac plugs. Circulate well clean. POOH laying down PH6 workstring. - 13:15 ? POOH laying down PH6 workstring. 16:00 ? Tie back from single fastline to double fastline @ top of liner (EOT @ 8622?). 16:30 ? Continue to POOH laying down PH6 workstring. 18:00 ? Present operation: Continue to POOH laying down PH6 workstring. Laid down 250 jts. Safety meeting w/ night shift rig crew. Hand over well to night supervisor Steve Bradshaw ? 505-486-0220. - 12:30 ? SD pump. Pumped 1000 bbls for final cleanup cycle. Returns clean. Release pressure on pump lines. RD & loadout power swivel. Drain pump, lines, standpipe & Kelly hose. 06:00 ? Continue to pump cleanup cycle @ 2.1 bpm & 4900 psi. Returns @ 2.7 bpm & 2850 psi. Safety meeting w/ day tour rig crew. Hand well over to day supervisor: George Kartchner ? 505-486-0146. - 05:30 ? Pump cleanup cycle of well volume X 2.5 at PBDT. Pump 2.1 bpm @ 4900 psi. WH pressure 2850 psi & 3.2 bpm returns. 05:15 AM - PU tubing to tag PBDT 13,360. Establish circulation @ 2.1 BMP @ 2850 well head pressure. Will Circulation 2.5 BU clean hole. Total 1000 bbls. 04:15 AM -Frac Plug #18 - Halliburton 10K Obsidian - WL Set Depth: 13,171? ? Tbg Tag Depth: 13,172? - Change in depth: +2 - Plug drill time: 15 - Pump Pressure: 4,900 - Pump Rate: 2.1 ? Wellhead Pressure: 2850 PSI,

Return Rate: 3.3bpm, PUWT: 58K - Neut WT: 45K - SO WT: 50K, Power Swivel ?FS: 2600 psi, D/O: 2800. Additional Comments: : Pump 10 bbls sweep after drilled out - 03:30Frac Plug #17 - Halliburton 10K Obsidian - WL Set Depth: 12,948? ? Tbg Tag Depth: 12,948 - Change in depth: +2 - Plug drill time: 40 - Pump Pressure: 4,900 - Pump Rate: 2.1 ? Wellhead Pressure: 2850 PSI, Return Rate: 3.3bpm, PUWT: 58K - Neut WT: 50K - SO WT: 48K, Power Swivel ?FS: 2600 psi, D/O: 2800. Additional Comments: Pump 10 bbls sweep after drilled out - PU tubing to tag FP #15. Establish circulation. 00:30 - Frac Plug #15 - Halliburton 10K Obsidian - WL Set Depth: 12,557? ? Tbg Tag Depth: 12,559? - Change in depth: -2 - Plug drill time: 40 - Pump Pressure: 4,900 - Pump Rate: 2.1 ? Wellhead Pressure: 2850 PSI, Return Rate: 3.3bpm, PUWT: 56K - Neut WT: 50K - SO WT: 46K, Power Swivel ?FS: 2600 psi, D/O: 2800. Additional Comments: Pump 10 bbls sweep after drilled out. 02:00 - Frac Plug #16 - Halliburton 10K Obsidian - WL Set Depth: 12,777? ? Tbg Tag Depth: 12,774? - Change in depth: -0 - Plug drill time: 30 - Pump Pressure: 4,900 - Pump Rate: 2.2 ? Wellhead Pressure: 2850 PSI, Return Rate: 3.3bpm, PUWT: 56K - Neut WT: 50K - SO WT: 46K, Power Swivel ? FS: 2500 psi, D/O: 2800. Additional Comments: Pump 10 bbls sweep after drilled out - 20:00 ? POOH & LD a total of 279 jts 2-3/8? Ph-6 P-110. RIH w/tbg hanger w/TWCV and lock in. Bleed of pressure, and start RD 5k hydrill. 22:00 ? RU Mountain State Snub unit. 23:55 ? Still in process of RU Snubbing unit.

Daily Cost: \$0

Cumulative Cost: \$3,638,014

12/30/2012 Day: 34**Completion**

MWS #731 on 12/30/2012 - PT snubbing unit. Finish LD PH6 workstring. PU 2 3/8" production tubing. - Still in process of RU Snubbing unit. 01:15 Weatherford on location start BOP test on subbing unit. 01:15 to 4:30 Weatherford test BOP low 250 and high 5000 on pipe rands and blind rams. Test Hydrill to 3500 psi. good test. Release pressure RDMO Weatherford testing equipment. Pull 2-3/8? tbg hanger w/TWCV, - 10:30 ? Breakout & LD D/O BHA. Move PH6 tubing off pipe rack. Move 2 3/8? production tubing onto pipe racks. Mill in good condition. No buttons missing. Rocks in three of the four jets in the mill. 09:30 ? Continue to LD tubing. 25 jts (790?) left in well. 07:30 ? Pipe lite. Start snubbing operations. 06:00 AM - had safety meeting with day light crew. Night crew continue to LD tubing. Turn well over to George Kartchner ? 505-486-0146 - 13:45 ? RIH w/ production tubing. BHA: 1 ea ? 2 3/8? mule shoe collar, 1 ea ? ceramic disc nipple, 1 ea ? 6? X 2 3/8? 4.7# L80 EUE pup joint, 1 ea ? XN nipple w/ pump thru plug in place, 1 jt - 2 3/8? 4.7# L80 EUE tubing, 1 ea - X nipple w/ 1.875? ID. 12:00 ? Remove protectors & strap production tubing. - 23:55 ? Present operation, PU & RIH w/ w/ 293 jts 2-3/8? 4.7# L-80 EUE tbg, - 18:00 ? Present operation PU & RIH w/ 2 3/8? 4.7# L80 EUE tubing w/ snubbing assist.120 jts in well. Safety meeting w/ night shift rig crew. Hand over well to night supervisor Steve Bradshaw ? 505-486-0220. 20:30 ? Present operation we have 184 jts 2-3/8? 4.7# L-80 tubing in the hole @ 5700? FS. We are RIH w/2-3/8? 4.7# L-80 tbg. 20:30 ? Present operation we have 184 jts 2-3/8? 4.7# L-80 tubing in the hole @ 5700? FS. We are RIH w/2-3/8? 4.7# L-80 tbg.

Daily Cost: \$0

Cumulative Cost: \$3,669,680

12/31/2012 Day: 35**Completion**

MWS #731 on 12/31/2012 - RIH W/production tbg, land tubing. RDMOSU, pump out ceramic disc and turn over to production Dept - 07:30 ? Hot oiler on location. Thaw valve to load hotoiler. Put tubing hanger on tubing. Install TIW valve. 06:30 ? POOH with the bent jt 2-3/8? 4.7# L-80 EUE, tbg hanger on sure. Pull TWCV. Have saftey meeting w day crew turn well over to George Kartchner ? 505-486-0146. - Witing on order from office. 01:30 While trying to land tubing hanger we opened casing up and let the back side to bleed down to 2000 psi from 2950 psi. After getting down to 2000 psi, we equalized the tbg hanger to land it and

could not get it down. we here a cracking noise and tbg move up. So we shut the bottom rams below tbg hanger, and the tubing bent above the Hydrill because the travel slip were shut. To kept it from coming out the hole. We are setting 1.5' above lower pipe rams with hanger. Call Orson Barney shut down waiting on order. - While trying to land tubing hanger we opened casing up and let the back side to bleed down to 2000 psi from 2950 psi. After getting down to 2000 psi, we equalized the tbg hanger to land it and could not get it down. we here a cracking noise and tbg move up. So we shut the bottom rams below tbg hanger, and the tubing bent above the Hydrill because the travel slip were shut. To kept it from coming out the hole. We are setting 1.5' above lower pipe rams with hanger. Call Orson Barney shut down waiting on order. - - RD BOP Stack. 19:30 ? RD Production head and RU Weatherford to pressure Production head low 250 high 5000 psi. 22:30 ? Complete pressure test on production Tree low 250 high 5,000 psi, good test. Release pressure 22.45 - RU Weatherford to well head and start pumping down tbg pressure up to 4,500 psi pressure drop to 3000 psi. est rate @ 2 bbl @ 3000 psi pump 7 bbl water shut down. Well shut in @ 2900 Psi. . 23:55 - RU Phoenix slick line unit and start pressure lub to 4000 psi. - 18:00 ? Continue to RD BOP stack. Safety meeting w/ night shift rig crew. Hand over well to night supervisor Steve Bradshaw ? 505-486-0220. 17:00 ? Present operation: RD snubbing unit & BOP stack. 16:15 ? Open all BOP pipe rams. Backout & LD landing joint. RD & LD snubbing unit. 15:30 ? Tubing landed. Holding 5000 psi on hanger to run in lock down pins. Casing pressure @ 3000 psi. Test void to 250 psi low for 5 minutes & 10,000 psi for 10 minutes. Good test release pressure. Production string: RIH w/production tbg w/BHA : 1 ea. ? 2 3/8? mule shoe collar, 1 ea. ? ceramic disc nipple, 1 ea. ? 6? X 2 3/8? 4.7# L80 EUE pup joint, 1 ea. ? XN nipple w/ pump thru plug in place, 1 jt - 2 3/8? 4.7# L80 EUE tubing, 1 ea. - X nipple w/ 1.875? ID, w/ 293 jts 2-3/8? 4.7# L-80 EUE tbg, tbg hanger w/TWCV. Total depth - 9,010.31?. - 14:00 ? Pump 5 bbls water into flow cross & out bleedoff line on snubbing unit to flush clean. Close bleedoff line. Open Top rig BOP pipe ram. Pump 10 bbls water down casing heated to 180 deg. to flush paraffin out of lower part of BOP & hanger bowl. 13:30 - RU hotoiler on flow cross. 12:00 ? Remove TIW valve. Install TWCV. Open annular BOP & all pipe rams except bottom pipe rams on lower BOP. Lower tubing hanger below annular BOP. Tag & lose weight. Mark pipe where tagged. Pull tubing hanger to surface & measure where we tagged. Tagged at top of bleedoff spool below snubbing unit BOPs. Close #3 pipe rams on snubbing unit and tubing moved down about 4 inches & started to take lose weight again. PU above bleedoff spool. 10:45 ? Tubing full. SD pump. Pumped 35 bbls. Bleed down air bubble. 09:00 ? Load hot oiler & heat to 100 deg to load tubing. Flushing flowback lines w/ brine.

Daily Cost: \$0

Cumulative Cost: \$3,726,089

1/1/2013 Day: 36

Completion

MWS #731 on 1/1/2013 - RU Production head. Pull Plug out of XN Nipple. Shut well in. Turn over to Production dept @ 05:30 on 1-1-2013. - RU Weatherford to well head pressure puming and line 5,000 psi, Good test. Open 02 well head pressure @ 2800 psi. Start pumping @ 2.5 bMP @ 3000 psi pump 30 bbls BFW and 30 bbl of BBW shut down ISIP @ 3400 psi 5 min 2700 psi. Shut well in. Turn well over to production dept. RDMO Weatherford pumping ser. - 06:00 ? Supervisor change. George Kartchner ? 505-486-0146 05:30 ? Well turned to production @ 05:30 on 1-1-2013.. - 01:30 to 03:30 - RIH w/Slick line tools GS Pulling tool 1-1/2" OD, Jars 26" strock x 1-1/2" OD, 1 1-1/2" Spangs x5' long 2- 8" Nukisi x1-1/2" OD, 1 5' x 1-2" SK bar, 1- 3' x1-1/2" SK Bar, pressure up tbg to 3000 psi. Down W/ 175 N/W 190, UP/W 250 psi. After pull plug pressure @ 2800 psi. POOH w/slick tools and plug UP /W 375 psi. shut well in. 02:30 Out hole plug RDMO Phoemnix WL. Shut in well.

Daily Cost: \$0

Cumulative Cost: \$3,925,598

2/3/2013 Day: 40

Completion

Rigless on 2/3/2013 - Capture Costs in DCR - Capture Costs in DCR

Daily Cost: \$0

Cumulative Cost: \$3,903,606

2/27/2013 Day: 42

Completion

Rigless on 2/27/2013 - Capture Costs in DCR - Capture Delayed Costs in DCR updated 3-2-13

Daily Cost: \$0

Cumulative Cost: \$4,054,892

3/5/2013 Day: 43

Completion

Rigless on 3/5/2013 - Capture Delayed costs in DCR - Capture Delayed costs in DCR, from adjusted invoices from vendor. BOP repairs invoice come through 7/9/13 due to numerous revisions per NFX request.

Daily Cost: \$0

Cumulative Cost: \$4,082,278

3/7/2013 Day: 1

Conversion

Nabors #1420 on 3/7/2013 - MIRU WOR. - MIRU Nabors Rig #1420. Spot in tanks and rig equipment.

Daily Cost: \$0

Cumulative Cost: \$7,080

3/8/2013 Day: 2

Conversion

Nabors #1420 on 3/8/2013 - NU and test BOP - JSA and safety meeting. FTP 0 psig. FCP 0 psig. Spot in hot oil trk. Pump 70 bbl hot water down tbg at 2 bpm. Tbg on vacuum. RDMO HO trk. - Install TWCV. Spot in Weatherford test trk. ND 10K upper tree. NU 7"5K BOP with blinds, 2 3/8" pipe rams, and 2-2 1/16" gate valves. NU 7"5K annular preventer. Test hydraulic chambers on blind and pipe rams for 5 minutes each, OK. Function and pressure test blind rams to 250 psi for 5 minutes, OK. BO pressure. Pressure up to 5000 psi for 10 minutes, OK. BO pressure. Function and pressure test 2 3/8" pipe rams to 250 psi for 5 minutes, OK. BO pressure. Pressure up to 5000 psi for 10 minutes, OK. BO pressure. Pressure test annular preventer to 3500 psi for 10 minutes. - Pressure test annular preventer to 3500 psi for 10 minutes. While testing annular, developed leak in ram arm bonnet on blind rams. Replace gasket on ram arm bonnet. Close pipe rams. Shell test to 250 psi for 5 minutes, OK. BO pressure. Pressure up to 5000 psi when stem on 2 1/16" gate valve started leaking. Noticed water coming through ram rubbers. Replace rubbers on pipe rams and replace 2 1/16" gate valve. - Shell test against pipe rams to 250 psi for 5 minutes, OK. BO pressure. Pressure to 5000 psi for 10 minutes, OK. BO pressure. Function and pressure test Annular preventer to 3500 psi for 10 minutes, OK. Pressure test gate valve to 250 psi for 5 minutes, OK. BO pressure. Pressure to 5000 psi for 10 minutes, OK. RDMO tester. Remove TWCV from tbg hanger. Secure well, location, and equipment. SDFN.

Daily Cost: \$0

Cumulative Cost: \$20,890

3/9/2013 Day: 3

Conversion

Nabors #1420 on 3/9/2013 - Clean out sand - TOOH with 66 stands and a single of tbg. Secure well, location, and equipment. SDFN. - JSA and safety meeting. SITP 0 psi. SICP 0 psi. Pump produced water down csg to break circulation. Took 500 bbl to load hole. - Back out lock pins on tbg hanger. PUH. LD tbg hanger. PU weight 42K, Neutral weight 37K, Slack off weight 33K. PU x-nipple(3.125" OD x 1.87" ID x 1.10" L) and 2 3/8", 4.7#, EUE 8rd, L-80 tbg. At 9786? PU wt 42K, N wt 38K, SO wt 34K. At 10347? PU wt 45K, N wt 37K, SO wt 33K. At 10961? PU wt 46K, N wt 39K, SO wt 32K. At 11607? PU wt 49K, N wt 32K, SO wt 28K. PU swivel. Pump down csg. 20 bbl to get returns. Circulate oil and gas OH with 130 bbl produced water, 25% returns. Rotate and circulate 9 jts in to 11,856?, no sand in returns. Hang back swivel. PU wt 50K, N wt 30K, SO wt 25K. PU total 133 jts tbg. Tag fill at 13,190?. - PU swivel. Reverse circulate 150 bbl produced water, 25% returns. Hang swivel in derrick

Daily Cost: \$0

Cumulative Cost: \$32,540

3/10/2013 Day: 4**Conversion**

Nabors #1420 on 3/10/2013 - clean out hole - LD 138 jts 2 3/8", 4.7#, EUE 8rd, L-80 tbg and x-nipple. Secure well, location, and equipment. SDFN. - PU power swivel. Establish circulation with 50 bbl prod wtr down csg. Pump rate 5 bpm at 800 psig. 50% returns. Clean out to 13,363? (PBDT). Rubber in returns, no sand evident. Reduced pump rate to 2 bpm ? low on water. Called NFX dispatch at 9:30 AM for produced water, got first load at 13:45PM. Pump 50 bbl sweep and reverse circulate bottoms up. 80% returns. Pump 50 bbl sweep and reverse circulate 400 bbl prod water. LD swivel. - JSA and safety meeting. SITP 0 psig. SICP 0 psig. TIH.

Daily Cost: \$0

Cumulative Cost: \$49,294

3/11/2013 Day: 5**Conversion**

Nabors #1420 on 3/11/2013 - Bit and scraper trip. - PU 3-3/4" bit, 4-1/2" csg scraper (3-1/8" OD x 1" ID x 3.81" L), bit sub (3-1/8" OD x 1-3/8" ID x 1.49" L), 1 jt tbg, and TIH to 9250'. TOOH LD bit, scraper, and bit sub. - PU WL entry guide with pump out plug (3.070" OD x .30" L), DLH hydraulic pkr (3.750" OD x 1.995" ID x 5.90") and XN nipple (2.710" OD x 1.875" ID x 1.10" L). Run 1 jt 2-3/8", 4.7#, EUE 8rd, L-80 tbg, gas lift mandrel #1, 19 jts 2-3/8", 4.7#, EUE 8rd, L-80 tbg, gas lift mandrel #2, 15 jts 2-3/8", 4.7#, EUE 8rd, L-80 tbg, gas lift mandrel #3, and 16 jts 2-3/8", 4.7#, EUE 8rd, L-80 tbg. PU 2-3/8" x 10' pup jt. Install TIW valve. Close pipe rams around pup. Secure well, location, and equipment. SDFN. - JSA and safety meeting. SITP vac. SICP vac. Tally tbg OH. 293 jts 2-3/8", 4.7#, EUE 8rd, L-80 tbg OH. LD x-nipple, 1 jt tbg, XN nipple, 6" pup jt, disc sub, and mule shoe.

Daily Cost: \$0

Cumulative Cost: \$59,991

3/12/2013 Day: 6**Conversion**

Nabors #1420 on 3/12/2013 - RDMO WOR - JSA and safety meeting. SITP 0 psi. SICP 0 psi. TIH with tbg and PU gas mandrels as follows: WL re-entry guide with pump out plug (3.070" OD x .30" L), DLH hydraulic packer (3.75" OD x 2.995" ID x 5.90"), XN-nipple (2.710" OD x 1.875" ID x 1.10"), 1 jt 2-3/8" 4.7# EUE 8rd L-80 tbg, Gas Lift Mandrel #1 (4.335" OD x 4.10"), 19 jts 2-3/8" 4.7# EUE 8rd L-80 tbg, Gas Lift Mandrel #2 (4.335" OD x 4.10"), 15 jts 2-3/8" 4.7# EUE 8rd L-80 tbg, Gas lift mandrel #3, 16 jts 2-3/8" 4.7# EUE 8rd L-80 tbg, Gas lift mandrel #4, 16 jts 2-3/8" 4.7# EUE 8rd L-80 tbg, Gas Lift Mandrel #5, 15 jts 2-3/8" 4.7# EUE 8rd L-80 tbg, GLM #6, 16 jts 2-3/8" 4.7# EUE 8rd L-80 tbg, GLM #7, 18 jts 2-3/8" 4.7# EUE 8rd L-80 tbg,, GLM # 8, 25 jts 2-3/8" 4.7# EUE 8rd L-80 tbg, GLM #8, 35 jts 2-3/8"

4.7# EUE 8rd L-80 tbg, GLM #1046 jts 2-3/8? 4.7# EUE 8rd L-80 tbg, GLM #11, 64 jts 2-3/8?
4.7# EUE 8rd L-80 tbg. Land tbg on hanger. TOP @ 9108.5? w/ 286 jts tbg. GLV #1 @
9102.5, GLV #2 @ 8535.4?, GLV #3 @8040.3?, GLV #4 # 7533.2?, GLV #5 @ 7025.1?, GLV
#6 @ 6548.2?, GLV #7 @ 6039.1?, GLV #8 @ 5456?, GLV #9 @ 4645.9?, GLV #10 @
3508.8?, And GLV #11 @ 2023.7?. - Spot in HO trk. RU and test lines to 5000 psi. Pressure
tbg to 3500 psi to set pkr. Pressure test TCA to 500 psi for 5 minutes to ensure packer set,
OK. BO pressure on TCA and tbg. MO HO trk. Install BPV in tbg hanger. ND BOP. NU 7?5K
upper tree and lubricator for plunger lift. Test void on well head to 10K for 5 minutes,
OK. Remove BPV from tbg hanger. RD WOR. Spot in HO trk. Test lines to 5k, OK. Pump out
plug at 4500 psi. Pump 40 bbl produced water down tbg. RDMO HO trk. Turn over to
production. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$117,116

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6017
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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		8. WELL NAME and NUMBER: LUSTY 2-11-3-3WH
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013515090000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0030 FNL 1120 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 11 Township: 03.0S Range: 03.0W 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/23/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Form 7"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
As per our conversation with Dustin Doucet, attached find the form 7 for the above mentioned well.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 22, 2016		
NAME (PLEASE PRINT) Heather Calder	PHONE NUMBER 435 646-4936	TITLE Production Technician
SIGNATURE N/A		DATE 1/22/2016

