

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER Fausett 3-13-3-2WH							
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT							
4. TYPE OF WELL Oil Well      Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME							
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825							
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcozler@newfield.com							
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Patented			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>							
13. NAME OF SURFACE OWNER (if box 12 = 'fee') William M. Fausett						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-646-3179							
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') RR 3 Box 3619, Myton, UT 84052						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		201 FSL 1575 FWL		SESW		12		3.0 S		2.0 W		U	
Top of Uppermost Producing Zone		201 FSL 1575 FWL		SESW		12		3.0 S		2.0 W		U	
At Total Depth		660 FSL 1980 FWL		SESW		13		3.0 S		2.0 W		U	
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 660			23. NUMBER OF ACRES IN DRILLING UNIT 40							
27. ELEVATION - GROUND LEVEL 5237			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2530			26. PROPOSED DEPTH MD: 13052 TVD: 8570							
			28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478							
<b>Hole, Casing, and Cement Information</b>													
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	Varocem	216	3.33	11.0			
							Varocem	95	1.9	13.0			
I1	8.75	7	0 - 9083	26.0	P-110 Other	10.5	Unknown	367	2.59	11.5			
							Unknown	277	1.62	13.0			
L1	6.125	4.5	8222 - 13052	13.5	P-110 Other	10.5	No Used	0	0.0	0.0			
<b>ATTACHMENTS</b>													
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 08/01/2012				EMAIL starpoint@etv.net					
API NUMBER ASSIGNED 43013516140000				APPROVAL   Permit Manager									

**Newfield Production Company**  
**Fausett 3-13-3-2WH**  
**Surface Hole Location: 210' FSL, 1575' FWL, Section 12, T3S, R2W**  
**Bottom Hole Location: 660' FSL, 1980' FWL, Section 13, T3S, R2W**  
**Duchesne County, UT**

**Drilling Program**

**1. Formation Tops**

Uinta	surface		
Green River	3,667'		
Garden Gulch member	6,491'		
Uteland Butte	8,714'		
Lateral TD	8,570'	TVD /	13,052' MD

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

Base of moderately saline	1,700'	(water)
Green River	6,491' - 8,570'	(oil)

**3. Pressure Control**

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

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

**4. Casing**

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	LTC	8.33	8.33	12	3,520	2,020	453,000
Intermediate 7	0'	8,740' 9,083'	26	P-110	BTC	10	10.5	15	9,960	6,210	830,000
Production 4 1/2	8,222'	8,570' 13,052'	13.5	P-110	BTC	10	10.5	--	12,410	10,670	422,000
									3.45	2.79	6.47

**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 <sup>3</sup>	OH excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41	15%	15.8	1.17
				35			
Surface Lead	12 1/4	2,000'	Varicem + .125 lbs/sk Cello Flakes	720	15%	11.0	3.33
				216			
Surface Tail	12 1/4	500'	Varicem + .125 lbs/sk Cello Flakes	180	15%	13.0	1.9
				95			
Intermediate Lead	8 3/4	5,491'	Extendacem + .125 lbs/sk Cello Flakes	949	15%	11.5	2.59
				367			
Intermediate Tail	8 3/4	2,592'	Econocem + .125 lbs/sk Cello Flakes	448	15%	13.0	1.62
				277			
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	--	--	--	--
				--			

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

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

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

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

### Interval

### Description

Surface - 2,500'

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

2,500' - TD

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

if conditions warrant, with barite.

Anticipated maximum mud weight is 10.5 ppg.

## 7. Logging, Coring, and Testing

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

Cores: As deemed necessary.

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

## 8. Anticipated Abnormal Pressure or Temperature

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

$$8,570' \times 0.52 \text{ psi/ft} = 4456 \text{ psi}$$

No abnormal temperature is expected. No H<sub>2</sub>S is expected.

## 9. Other Aspects

An 8-3/4" hole will be drilled to a kick off point of 8,272' .  
Directional tools will then be used to build to 92.46 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, R2W, U.S.B.&M.**

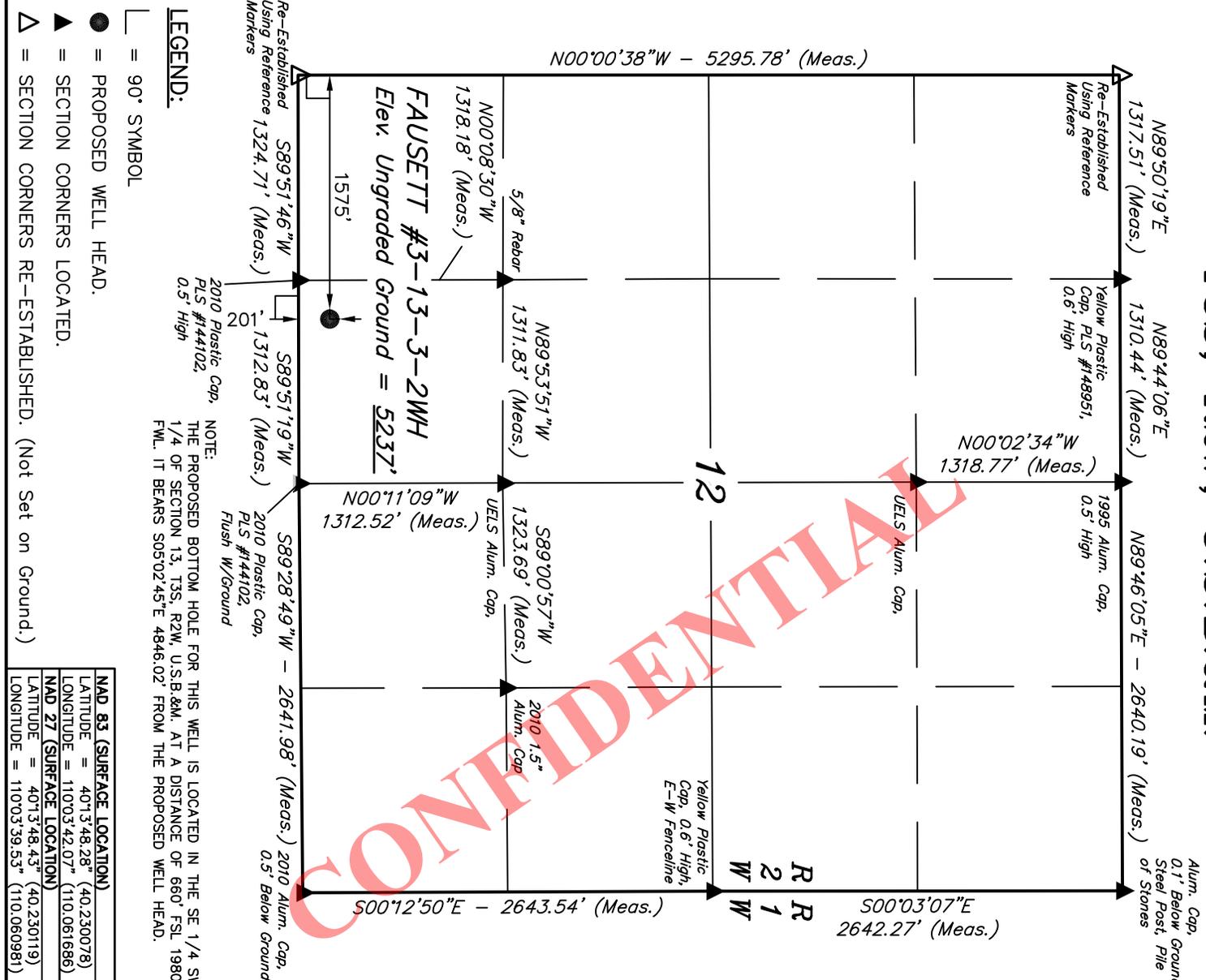
**NEWFIELD EXPLORATION COMPANY**

Well location, FAUSETT #3-13-3-2WH (SURFACE LOCATION), located as shown in the SE 1/4 SW 1/4 of Section 12, T3S, R2W, U.S.B.&M., Duchesne County, Utah. **BASIS OF ELEVATION**

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



- LEGEND:**
- = 90° SYMBOL
  - = PROPOSED WELL HEAD.
  - ▲ = SECTION CORNERS LOCATED.
  - △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

**NOTE:**  
 THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE SE 1/4 SW 1/4 OF SECTION 13, T3S, R2W, U.S.B.&M. AT A DISTANCE OF 660' FSU, 1980' FWL. IT BEARS S05°02'45"E 4846.02' FROM THE PROPOSED WELL HEAD.

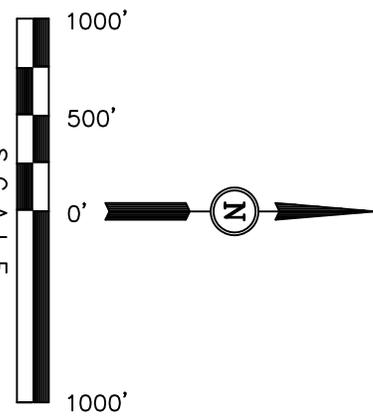
<b>NAD 83 (SURFACE LOCATION)</b>	
LATITUDE = 40°13'48.28" (40.230078)	
LONGITUDE = 110°03'42.07" (110.061686)	
<b>NAD 27 (SURFACE LOCATION)</b>	
LATITUDE = 40°13'48.43" (40.230119)	
LONGITUDE = 110°03'39.53" (110.060981)	

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>	
<b>85 SOUTH 200 EAST - VERNAL, UTAH 84078</b>	
(435) 789-1017	
SCALE: 1" = 1000'	DATE SURVEYED: 05-17-12
PARTY: M.A. T.B. J.U.	DATE DRAWN: 05-22-12
WEATHER: WARM	REFERENCES: G.I.O. PLAT
	FILE: NEWFIELD EXPLORATION COMPANY

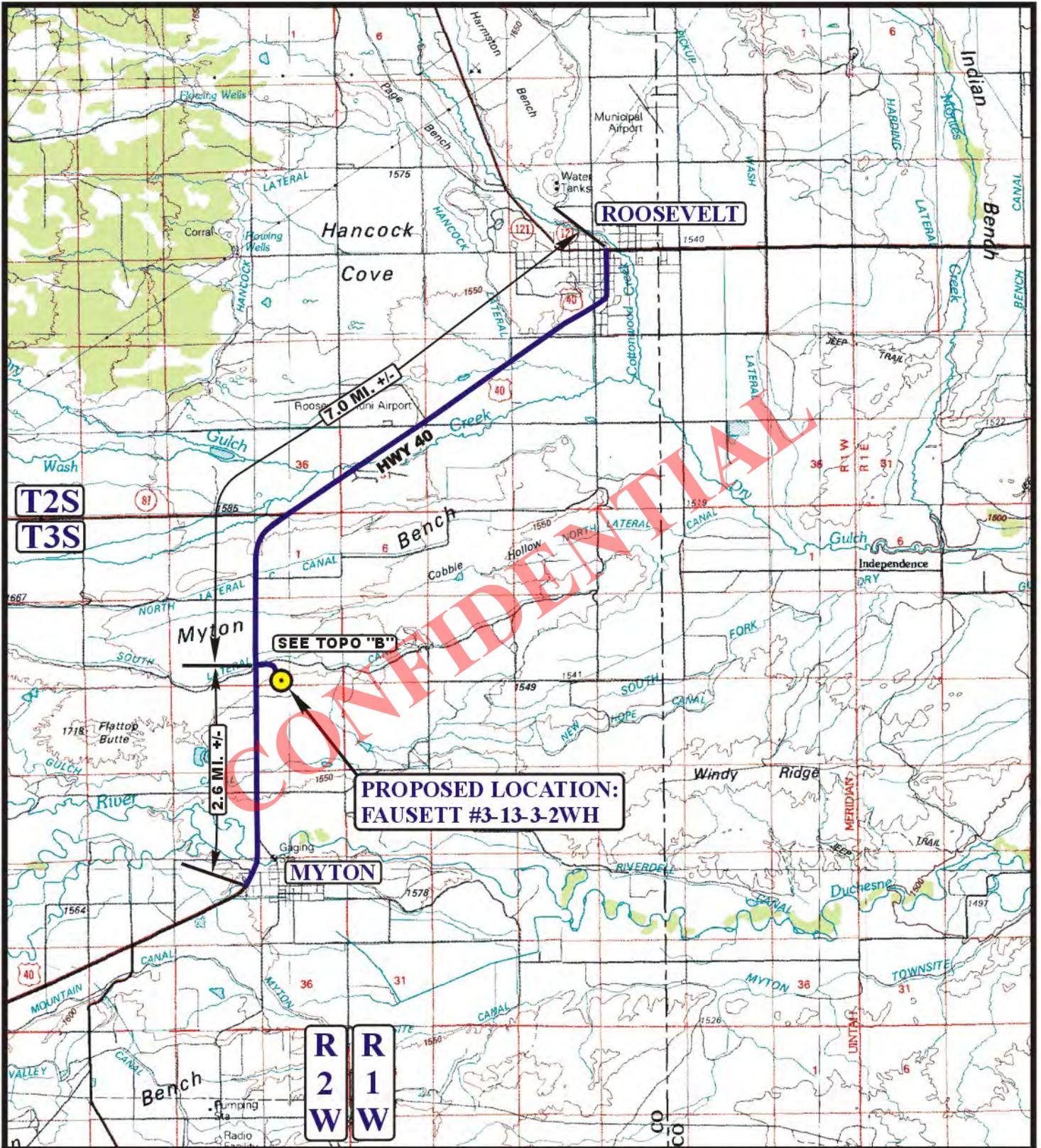
**CERTIFICATE**

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.

**KAY ROBERTS**  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH







**PROPOSED LOCATION:  
FAUSETT #3-13-3-2WH**

**LEGEND:**

● PROPOSED LOCATION

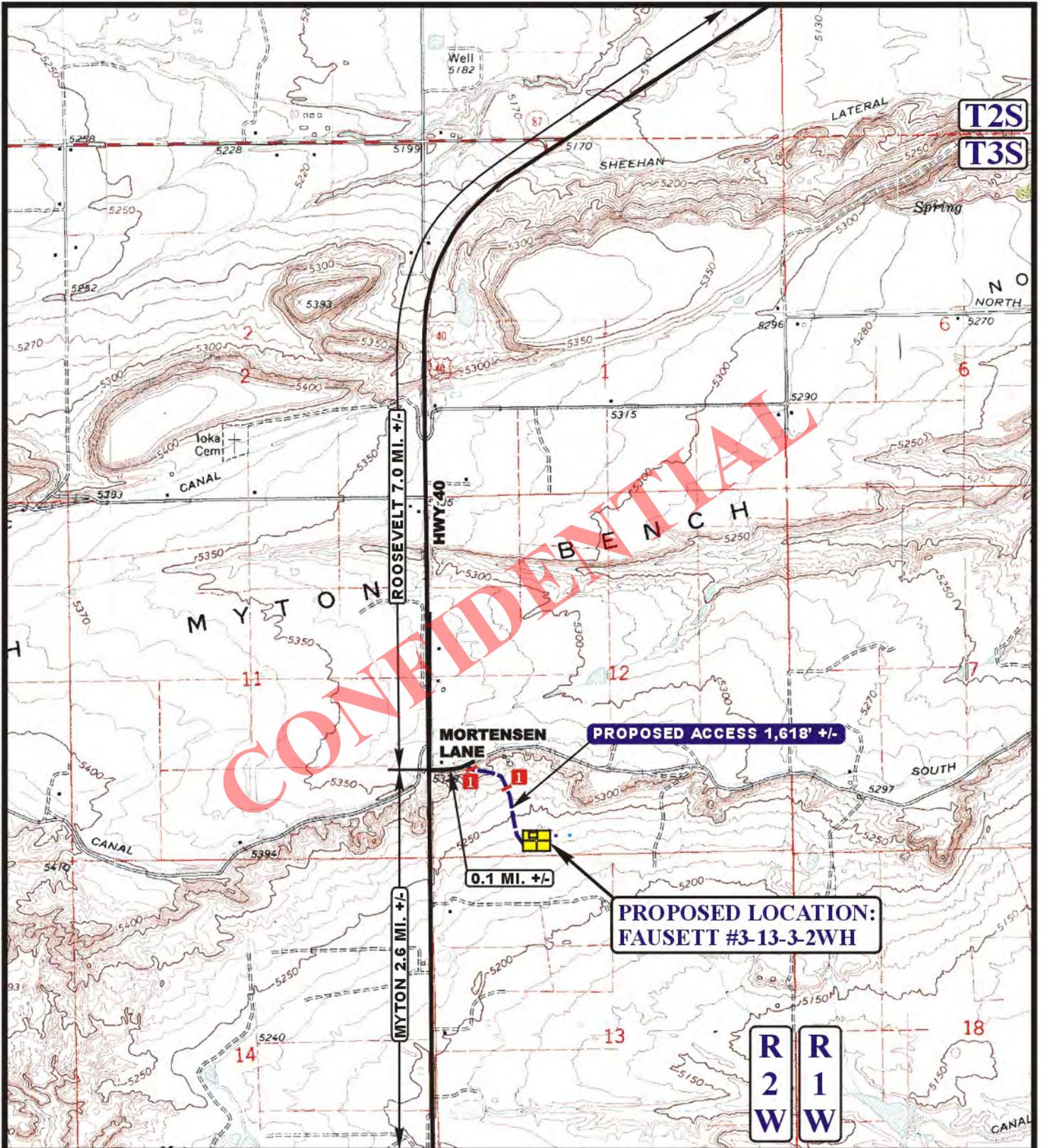
**NEWFIELD EXPLORATION COMPANY**

**FAUSETT #3-13-3-2WH  
SECTION 12, T3S, R2W, U.S.B.&M.  
201' FSL 1575' FWL**

**U&L S** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**ACCESS ROAD  
MAP** 05 24 12  
MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: A.T. REVISED: 00-00-00





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- 18" CMP REQUIRED

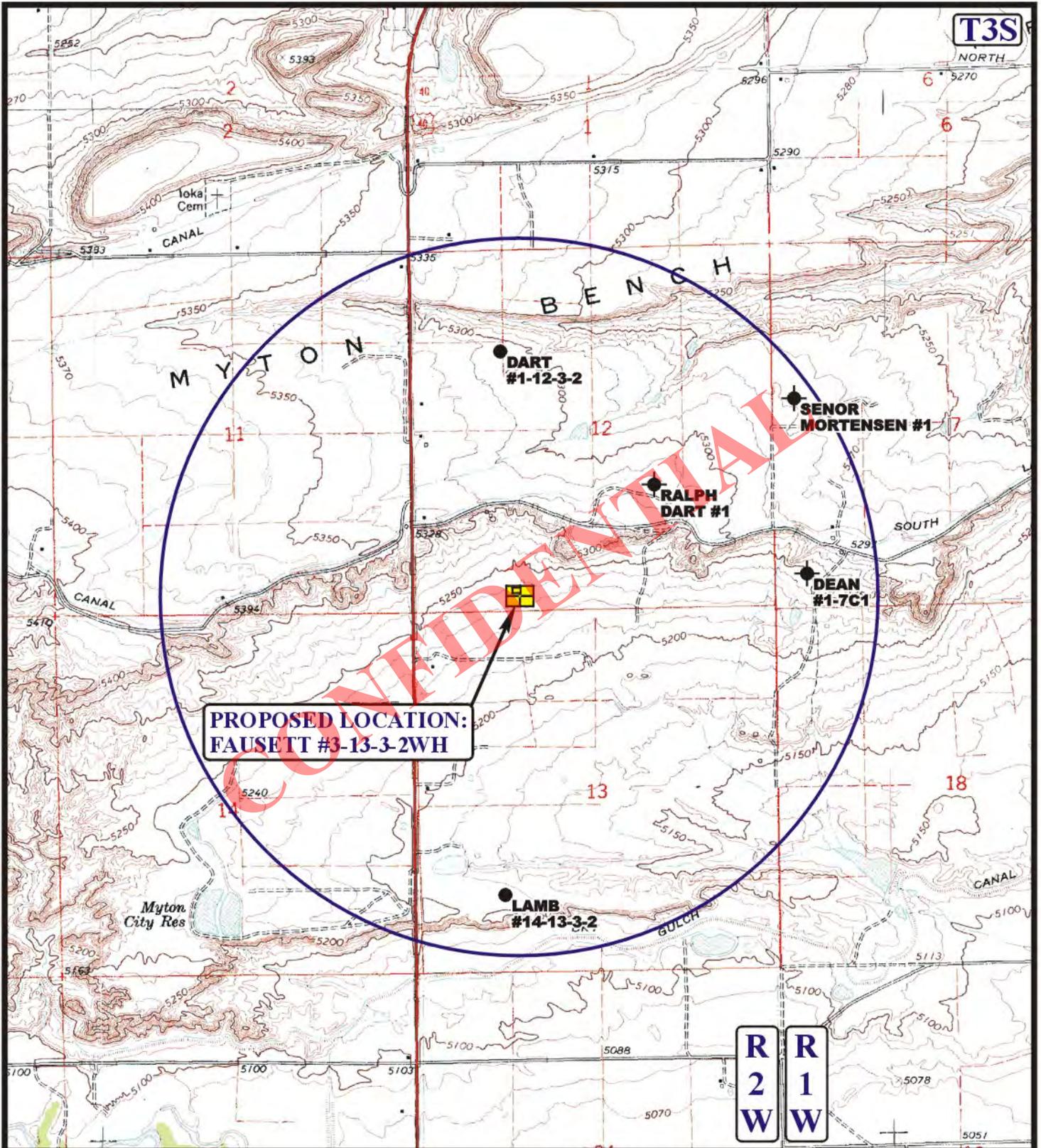
**U&L S** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**NEWFIELD EXPLORATION COMPANY**

**FAUSETT #3-13-3-2WH**  
 SECTION 12, T3S, R2W, U.S.B.&M.  
 201' FSL 1575' FWL

ACCESS ROAD MAP	05	24	12	<b>B</b> TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: A.T.		REV: 06-05-12 C.I.	



**PROPOSED LOCATION:  
FAUSETT #3-13-3-2WH**

**R  
2  
W** **R  
1  
W**

**LEGEND:**

- ⊘ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

**NEWFIELD EXPLORATION COMPANY**

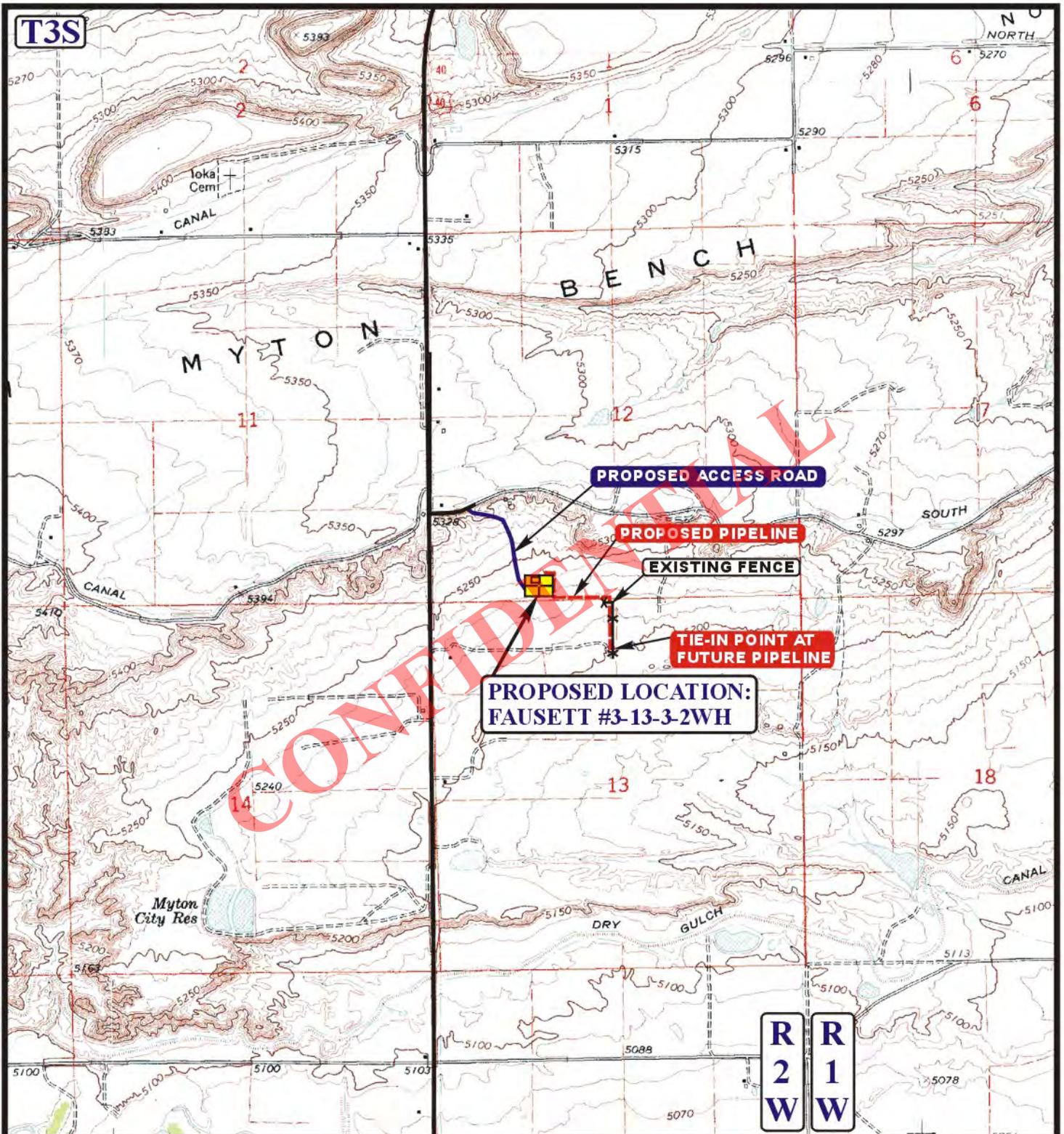
**FAUSETT #3-13-3-2WH  
SECTION 12, T3S, R2W, U.S.B.&M.  
201' FSL 1575' FWL**

**U E I S** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP** **05 24 12**  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: A.T. REVISED: 00-00-00

**C**  
**TOPO**





**APPROXIMATE TOTAL PIPELINE DISTANCE = 2,127' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- \* \* \* \* \* EXISTING FENCE

**NEWFIELD EXPLORATION COMPANY**

**FAUSETT #3-13-3-2WH**  
**SECTION 12, T3S, R2W, U.S.B.&M.**  
**201' FSL 1575' FWL**

**UES** Utah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP** **06 05 12**  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.I. REVISED: 00-00-00

**D**  
**TOPO**



**Weatherford®**

**NEWFIELD EXPLORATION CO.**

DUCHESNE COUNTY, UT

FAUSETT 3-13-3-2WH

FAUSETT 3-13-3-2WH

FAUSETT 3-13-3-2WH

Plan: PLAN #1

**Standard Planning Report**

23 July, 2012

**CONFIDENTIAL**



**Weatherford®**



Project: DUCHESNE COUNTY, UT  
 Site: FAUSETT 3-13-3-2WH  
 Well: FAUSETT 3-13-3-2WH  
 Wellbore: FAUSETT 3-13-3-2WH  
 Design: PLAN #1  
 Latitude: 40° 13' 48.280 N  
 Longitude: 110° 3' 42.070 W  
 GL: 5237.00  
 KB: KB @ 5255.00ft (Original Well Elev)



WELLBORE TARGET DETAILS (LAT/LONG)

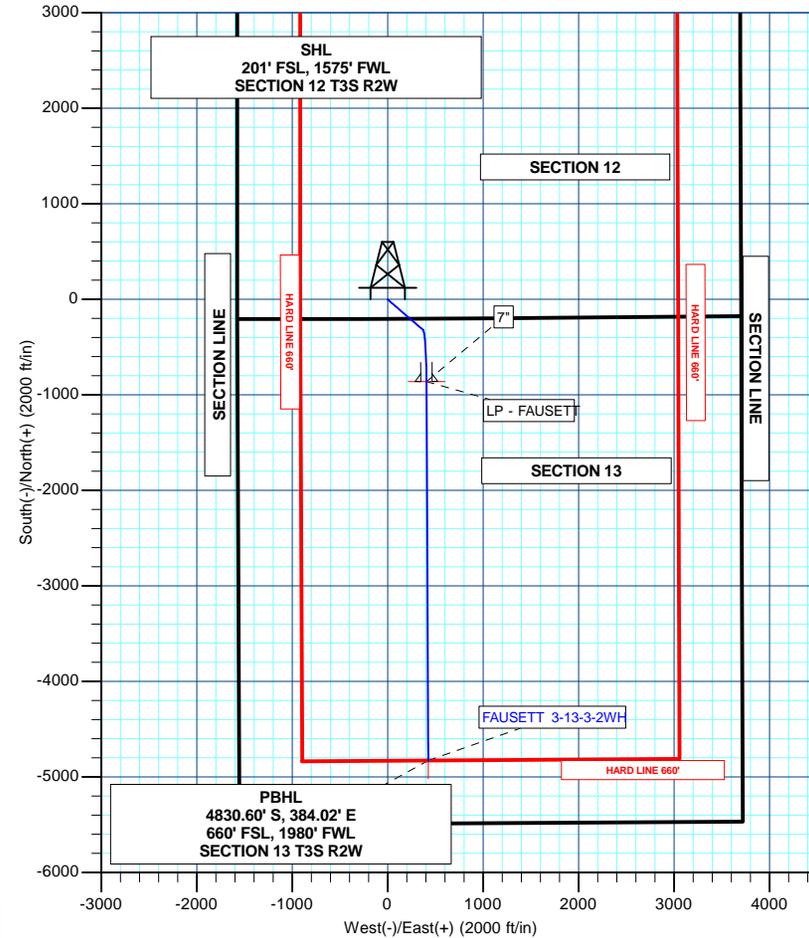
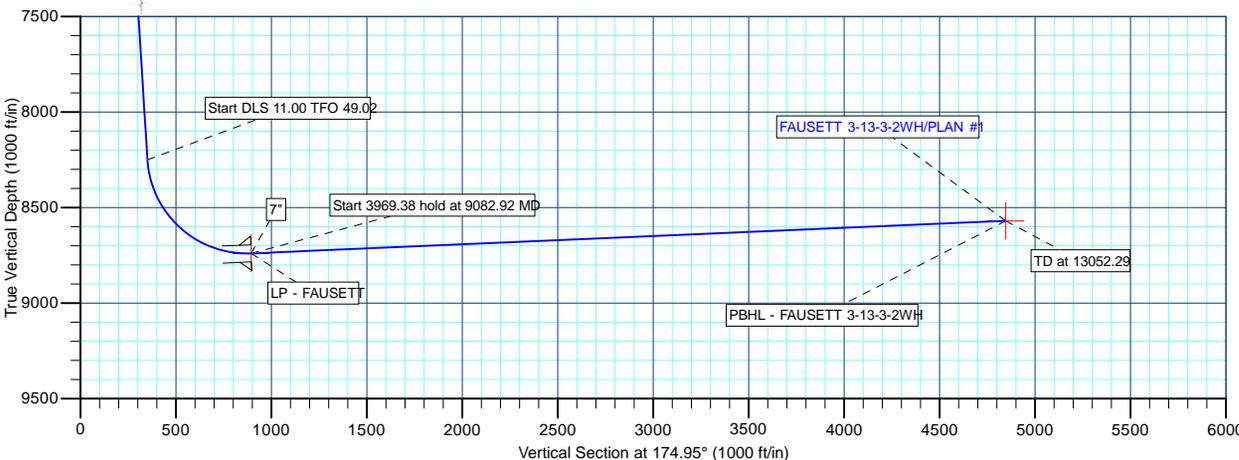
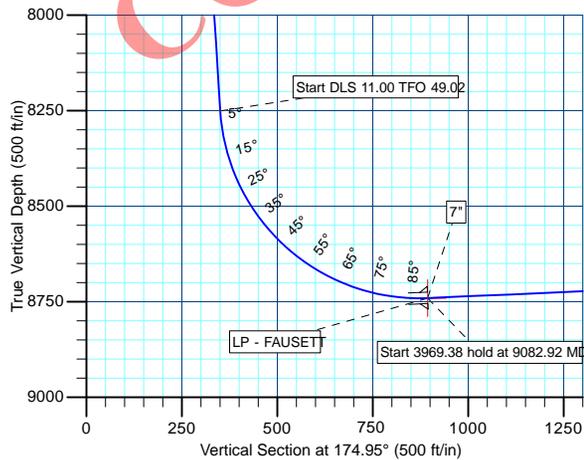
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL - FAUSETT 3-13-3-2WH	8570.00	-4827.23	426.47	40° 13' 0.574 N	110° 3' 36.572 W	Point
LP - FAUSETT	8740.50	-861.56	408.09	40° 13' 39.765 N	110° 3' 36.808 W	Point

WELL DETAILS: FAUSETT 3-13-3-2WH

+N/-S	+E/-W	Northing	Ground Level: Easting	5237.00 Latitude	Longitude	Slot
0.00	0.00	7255760.78	2041974.91	40° 13' 48.280 N	110° 3' 42.070 W	

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
2748.97	4.98	130.66	2748.66	-7.04	8.20	2.00	130.66	7.74	Start 5523.06 hold at 2748.97 MD
8272.03	4.98	130.66	8250.88	-319.37	371.89	0.00	0.00	350.86	Start DLS 11.00 TFO 49.02
9082.92	92.46	179.73	8740.50	-861.56	408.09	11.00	49.02	894.13	Start 3969.38 hold at 9082.92 MD
13052.29	92.46	179.73	8570.00	-4827.23	426.47	0.00	0.00	4846.03	TD at 13052.29



Azimuths to True North  
Magnetic North: 11.24°

Magnetic Field  
Strength: 52204.5snT  
Dip Angle: 65.90°  
Date: 7/20/2012  
Model: BGGM2011

CASING DETAILS			
TVD	MD	Name	Size
8740.50	9082.92	7"	7



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well FAUSETT 3-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION CO.	<b>TVD Reference:</b>	KB @ 5255.00ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT	<b>MD Reference:</b>	KB @ 5255.00ft (Original Well Elev)
<b>Site:</b>	FAUSETT 3-13-3-2WH	<b>North Reference:</b>	True
<b>Well:</b>	FAUSETT 3-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	FAUSETT 3-13-3-2WH		
<b>Design:</b>	PLAN #1		

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

<b>Site</b>	FAUSETT 3-13-3-2WH				
<b>Site Position:</b>		<b>Northing:</b>	7,255,760.78 usft	<b>Latitude:</b>	40° 13' 48.280 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,041,974.91 usft	<b>Longitude:</b>	110° 3' 42.070 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	13-3/16"	<b>Grid Convergence:</b>	0.92 °

<b>Well</b>	FAUSETT 3-13-3-2WH					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	7,255,760.78 usft	<b>Latitude:</b>	40° 13' 48.280 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,041,974.91 usft	<b>Longitude:</b>	110° 3' 42.070 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	5,237.00 ft

<b>Wellbore</b>	FAUSETT 3-13-3-2WH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	BGGM2011	7/20/2012	(°)	(°)	(nT)
			11.24	65.90	52,204

<b>Design</b>	PLAN #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	174.95

<b>Plan Sections</b>										
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	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,748.97	4.98	130.66	2,748.66	-7.04	8.20	2.00	2.00	0.00	130.66	
8,272.03	4.98	130.66	8,250.88	-319.37	371.89	0.00	0.00	0.00	0.00	
9,082.92	92.46	179.73	8,740.50	-861.56	408.09	11.00	10.79	6.05	49.02	LP - FAUSETT
13,052.29	92.46	179.73	8,570.00	-4,827.23	426.47	0.00	0.00	0.00	0.00	PBHL - FAUSETT 3-1



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well FAUSETT 3-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION CO.	<b>TVD Reference:</b>	KB @ 5255.00ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT	<b>MD Reference:</b>	KB @ 5255.00ft (Original Well Elev)
<b>Site:</b>	FAUSETT 3-13-3-2WH	<b>North Reference:</b>	True
<b>Well:</b>	FAUSETT 3-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	FAUSETT 3-13-3-2WH		
<b>Design:</b>	PLAN #1		

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)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>Start Build 2.00</b>										
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,600.00	2.00	130.66	2,599.98	-1.14	1.32	1.25	2.00	2.00	0.00	
2,700.00	4.00	130.66	2,699.84	-4.55	5.29	4.99	2.00	2.00	0.00	
<b>Start 5523.06 hold at 2748.97 MD</b>										
2,748.97	4.98	130.66	2,748.66	-7.04	8.20	7.74	2.00	2.00	0.00	
2,800.00	4.98	130.66	2,799.49	-9.93	11.56	10.91	0.00	0.00	0.00	
2,900.00	4.98	130.66	2,899.12	-15.58	18.15	17.12	0.00	0.00	0.00	
3,000.00	4.98	130.66	2,998.74	-21.24	24.73	23.33	0.00	0.00	0.00	
3,100.00	4.98	130.66	3,098.36	-26.89	31.32	29.55	0.00	0.00	0.00	
3,200.00	4.98	130.66	3,197.98	-32.55	37.90	35.76	0.00	0.00	0.00	
3,300.00	4.98	130.66	3,297.61	-38.20	44.49	41.97	0.00	0.00	0.00	
3,400.00	4.98	130.66	3,397.23	-43.86	51.07	48.18	0.00	0.00	0.00	
3,500.00	4.98	130.66	3,496.85	-49.51	57.66	54.40	0.00	0.00	0.00	
3,600.00	4.98	130.66	3,596.47	-55.17	64.24	60.61	0.00	0.00	0.00	
3,700.00	4.98	130.66	3,696.10	-60.82	70.83	66.82	0.00	0.00	0.00	
3,800.00	4.98	130.66	3,795.72	-66.48	77.41	73.03	0.00	0.00	0.00	
3,900.00	4.98	130.66	3,895.34	-72.13	84.00	79.25	0.00	0.00	0.00	
4,000.00	4.98	130.66	3,994.97	-77.79	90.58	85.46	0.00	0.00	0.00	
4,100.00	4.98	130.66	4,094.59	-83.44	97.17	91.67	0.00	0.00	0.00	
4,200.00	4.98	130.66	4,194.21	-89.10	103.75	97.88	0.00	0.00	0.00	
4,300.00	4.98	130.66	4,293.83	-94.75	110.33	104.10	0.00	0.00	0.00	
4,400.00	4.98	130.66	4,393.46	-100.41	116.92	110.31	0.00	0.00	0.00	
4,500.00	4.98	130.66	4,493.08	-106.06	123.50	116.52	0.00	0.00	0.00	
4,600.00	4.98	130.66	4,592.70	-111.72	130.09	122.73	0.00	0.00	0.00	
4,700.00	4.98	130.66	4,692.32	-117.37	136.67	128.95	0.00	0.00	0.00	
4,800.00	4.98	130.66	4,791.95	-123.03	143.26	135.16	0.00	0.00	0.00	
4,900.00	4.98	130.66	4,891.57	-128.68	149.84	141.37	0.00	0.00	0.00	
5,000.00	4.98	130.66	4,991.19	-134.34	156.43	147.58	0.00	0.00	0.00	



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well FAUSETT 3-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION CO.	<b>TVD Reference:</b>	KB @ 5255.00ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT	<b>MD Reference:</b>	KB @ 5255.00ft (Original Well Elev)
<b>Site:</b>	FAUSETT 3-13-3-2WH	<b>North Reference:</b>	True
<b>Well:</b>	FAUSETT 3-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	FAUSETT 3-13-3-2WH		
<b>Design:</b>	PLAN #1		

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)
5,100.00	4.98	130.66	5,090.81	-139.99	163.01	153.80	0.00	0.00	0.00
5,200.00	4.98	130.66	5,190.44	-145.65	169.60	160.01	0.00	0.00	0.00
5,300.00	4.98	130.66	5,290.06	-151.30	176.18	166.22	0.00	0.00	0.00
5,400.00	4.98	130.66	5,389.68	-156.96	182.77	172.43	0.00	0.00	0.00
5,500.00	4.98	130.66	5,489.30	-162.61	189.35	178.65	0.00	0.00	0.00
5,600.00	4.98	130.66	5,588.93	-168.27	195.94	184.86	0.00	0.00	0.00
5,700.00	4.98	130.66	5,688.55	-173.92	202.52	191.07	0.00	0.00	0.00
5,800.00	4.98	130.66	5,788.17	-179.58	209.11	197.28	0.00	0.00	0.00
5,900.00	4.98	130.66	5,887.79	-185.23	215.69	203.50	0.00	0.00	0.00
6,000.00	4.98	130.66	5,987.42	-190.89	222.28	209.71	0.00	0.00	0.00
6,100.00	4.98	130.66	6,087.04	-196.54	228.86	215.92	0.00	0.00	0.00
6,200.00	4.98	130.66	6,186.66	-202.20	235.45	222.13	0.00	0.00	0.00
6,300.00	4.98	130.66	6,286.28	-207.85	242.03	228.35	0.00	0.00	0.00
6,400.00	4.98	130.66	6,385.91	-213.51	248.62	234.56	0.00	0.00	0.00
6,500.00	4.98	130.66	6,485.53	-219.16	255.20	240.77	0.00	0.00	0.00
6,600.00	4.98	130.66	6,585.15	-224.82	261.79	246.98	0.00	0.00	0.00
6,700.00	4.98	130.66	6,684.78	-230.47	268.37	253.20	0.00	0.00	0.00
6,800.00	4.98	130.66	6,784.40	-236.13	274.96	259.41	0.00	0.00	0.00
6,900.00	4.98	130.66	6,884.02	-241.78	281.54	265.62	0.00	0.00	0.00
7,000.00	4.98	130.66	6,983.64	-247.44	288.13	271.83	0.00	0.00	0.00
7,100.00	4.98	130.66	7,083.27	-253.09	294.71	278.05	0.00	0.00	0.00
7,200.00	4.98	130.66	7,182.89	-258.75	301.30	284.26	0.00	0.00	0.00
7,300.00	4.98	130.66	7,282.51	-264.40	307.88	290.47	0.00	0.00	0.00
7,400.00	4.98	130.66	7,382.13	-270.06	314.46	296.68	0.00	0.00	0.00
7,500.00	4.98	130.66	7,481.76	-275.71	321.05	302.90	0.00	0.00	0.00
7,600.00	4.98	130.66	7,581.38	-281.37	327.63	309.11	0.00	0.00	0.00
7,700.00	4.98	130.66	7,681.00	-287.02	334.22	315.32	0.00	0.00	0.00
7,800.00	4.98	130.66	7,780.62	-292.68	340.80	321.53	0.00	0.00	0.00
7,900.00	4.98	130.66	7,880.25	-298.33	347.39	327.75	0.00	0.00	0.00
8,000.00	4.98	130.66	7,979.87	-303.99	353.97	333.96	0.00	0.00	0.00
8,100.00	4.98	130.66	8,079.49	-309.64	360.56	340.17	0.00	0.00	0.00
8,200.00	4.98	130.66	8,179.11	-315.30	367.14	346.38	0.00	0.00	0.00
<b>Start DLS 11.00 TFO 49.02</b>									
8,272.03	4.98	130.66	8,250.88	-319.37	371.89	350.86	0.00	0.00	0.00
8,300.00	7.37	149.07	8,278.68	-321.70	373.73	353.34	11.00	8.55	65.83
8,350.00	12.42	162.22	8,327.93	-329.58	377.02	361.48	11.00	10.10	26.31
8,400.00	17.74	167.72	8,376.19	-342.15	380.29	374.29	11.00	10.63	11.00
8,450.00	23.14	170.73	8,423.03	-359.30	383.49	391.65	11.00	10.80	6.02
8,500.00	28.57	172.65	8,468.01	-380.87	386.61	413.41	11.00	10.87	3.83
8,550.00	34.03	173.99	8,510.71	-406.66	389.60	439.37	11.00	10.91	2.69
8,600.00	39.50	175.00	8,550.75	-436.44	392.45	469.28	11.00	10.93	2.02
8,650.00	44.97	175.80	8,587.76	-469.92	395.13	502.87	11.00	10.95	1.60
8,700.00	50.45	176.46	8,621.39	-506.81	397.62	539.84	11.00	10.96	1.32
8,750.00	55.93	177.03	8,651.34	-546.76	399.88	579.83	11.00	10.96	1.13
8,800.00	61.41	177.52	8,677.33	-589.41	401.91	622.49	11.00	10.97	0.99
8,850.00	66.90	177.97	8,699.12	-634.36	403.67	667.42	11.00	10.97	0.89
8,900.00	72.39	178.38	8,716.50	-681.19	405.17	714.21	11.00	10.97	0.82
8,950.00	77.87	178.76	8,729.33	-729.48	406.37	762.42	11.00	10.97	0.77
9,000.00	83.36	179.13	8,737.48	-778.79	407.27	811.61	11.00	10.98	0.74
9,050.00	88.85	179.50	8,740.88	-828.65	407.87	861.33	11.00	10.98	0.72
<b>Start 3969.38 hold at 9082.92 MD - 7" - LP - FAUSETT</b>									
9,082.92	92.46	179.73	8,740.50	-861.56	408.09	894.13	11.00	10.98	0.72
9,100.00	92.46	179.73	8,739.77	-878.63	408.17	911.14	0.00	0.00	0.00
9,200.00	92.46	179.73	8,735.47	-978.53	408.63	1,010.70	0.00	0.00	0.00



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well FAUSETT 3-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION CO.	<b>TVD Reference:</b>	KB @ 5255.00ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT	<b>MD Reference:</b>	KB @ 5255.00ft (Original Well Elev)
<b>Site:</b>	FAUSETT 3-13-3-2WH	<b>North Reference:</b>	True
<b>Well:</b>	FAUSETT 3-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	FAUSETT 3-13-3-2WH		
<b>Design:</b>	PLAN #1		

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)	
9,300.00	92.46	179.73	8,731.18	-1,078.44	409.09	1,110.26	0.00	0.00	0.00	
9,400.00	92.46	179.73	8,726.88	-1,178.35	409.56	1,209.82	0.00	0.00	0.00	
9,500.00	92.46	179.73	8,722.58	-1,278.25	410.02	1,309.38	0.00	0.00	0.00	
9,600.00	92.46	179.73	8,718.29	-1,378.16	410.48	1,408.94	0.00	0.00	0.00	
9,700.00	92.46	179.73	8,713.99	-1,478.07	410.94	1,508.50	0.00	0.00	0.00	
9,800.00	92.46	179.73	8,709.70	-1,577.97	411.41	1,608.06	0.00	0.00	0.00	
9,900.00	92.46	179.73	8,705.40	-1,677.88	411.87	1,707.61	0.00	0.00	0.00	
10,000.00	92.46	179.73	8,701.11	-1,777.79	412.33	1,807.17	0.00	0.00	0.00	
10,100.00	92.46	179.73	8,696.81	-1,877.69	412.80	1,906.73	0.00	0.00	0.00	
10,200.00	92.46	179.73	8,692.52	-1,977.60	413.26	2,006.29	0.00	0.00	0.00	
10,300.00	92.46	179.73	8,688.22	-2,077.50	413.72	2,105.85	0.00	0.00	0.00	
10,400.00	92.46	179.73	8,683.93	-2,177.41	414.19	2,205.41	0.00	0.00	0.00	
10,500.00	92.46	179.73	8,679.63	-2,277.32	414.65	2,304.97	0.00	0.00	0.00	
10,600.00	92.46	179.73	8,675.34	-2,377.22	415.11	2,404.53	0.00	0.00	0.00	
10,700.00	92.46	179.73	8,671.04	-2,477.13	415.58	2,504.09	0.00	0.00	0.00	
10,800.00	92.46	179.73	8,666.74	-2,577.04	416.04	2,603.65	0.00	0.00	0.00	
10,900.00	92.46	179.73	8,662.45	-2,676.94	416.50	2,703.21	0.00	0.00	0.00	
11,000.00	92.46	179.73	8,658.15	-2,776.85	416.97	2,802.77	0.00	0.00	0.00	
11,100.00	92.46	179.73	8,653.86	-2,876.76	417.43	2,902.33	0.00	0.00	0.00	
11,200.00	92.46	179.73	8,649.56	-2,976.66	417.89	3,001.89	0.00	0.00	0.00	
11,300.00	92.46	179.73	8,645.27	-3,076.57	418.35	3,101.45	0.00	0.00	0.00	
11,400.00	92.46	179.73	8,640.97	-3,176.48	418.82	3,201.01	0.00	0.00	0.00	
11,500.00	92.46	179.73	8,636.68	-3,276.38	419.28	3,300.57	0.00	0.00	0.00	
11,600.00	92.46	179.73	8,632.38	-3,376.29	419.74	3,400.13	0.00	0.00	0.00	
11,700.00	92.46	179.73	8,628.09	-3,476.20	420.21	3,499.69	0.00	0.00	0.00	
11,800.00	92.46	179.73	8,623.79	-3,576.10	420.67	3,599.25	0.00	0.00	0.00	
11,900.00	92.46	179.73	8,619.50	-3,676.01	421.13	3,698.81	0.00	0.00	0.00	
12,000.00	92.46	179.73	8,615.20	-3,775.92	421.60	3,798.37	0.00	0.00	0.00	
12,100.00	92.46	179.73	8,610.90	-3,875.82	422.06	3,897.93	0.00	0.00	0.00	
12,200.00	92.46	179.73	8,606.61	-3,975.73	422.52	3,997.49	0.00	0.00	0.00	
12,300.00	92.46	179.73	8,602.31	-4,075.64	422.99	4,097.05	0.00	0.00	0.00	
12,400.00	92.46	179.73	8,598.02	-4,175.54	423.45	4,196.61	0.00	0.00	0.00	
12,500.00	92.46	179.73	8,593.72	-4,275.45	423.91	4,296.17	0.00	0.00	0.00	
12,600.00	92.46	179.73	8,589.43	-4,375.36	424.38	4,395.73	0.00	0.00	0.00	
12,700.00	92.46	179.73	8,585.13	-4,475.26	424.84	4,495.29	0.00	0.00	0.00	
12,800.00	92.46	179.73	8,580.84	-4,575.17	425.30	4,594.85	0.00	0.00	0.00	
12,900.00	92.46	179.73	8,576.54	-4,675.08	425.76	4,694.41	0.00	0.00	0.00	
13,000.00	92.46	179.73	8,572.25	-4,774.98	426.23	4,793.97	0.00	0.00	0.00	
<b>TD at 13052.29 - PBHL - FAUSETT 3-13-3-2WH</b>										
13,052.29	92.46	179.73	8,570.00	-4,827.23	426.47	4,846.03	0.00	0.00	0.00	



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well FAUSETT 3-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION CO.	<b>TVD Reference:</b>	KB @ 5255.00ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT	<b>MD Reference:</b>	KB @ 5255.00ft (Original Well Elev)
<b>Site:</b>	FAUSETT 3-13-3-2WH	<b>North Reference:</b>	True
<b>Well:</b>	FAUSETT 3-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	FAUSETT 3-13-3-2WH		
<b>Design:</b>	PLAN #1		

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL - FAUSETT 3-13-3-2WH - hit/miss target - Shape - Point	0.00	0.00	8,570.00	-4,827.23	426.47	7,250,941.04	2,042,478.95	40° 13' 0.574 N	110° 3' 36.572 W
LP - FAUSETT 3-13-3-2WH - plan hits target center - Point	0.00	0.00	8,740.50	-861.56	408.09	7,254,905.89	2,042,396.80	40° 13' 39.765 N	110° 3' 36.808 W

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
9,082.92	8,740.50	7"	7	8-3/4	

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
2,500.00	2,500.00	0.00	0.00	Start Build 2.00
2,748.97	2,748.66	-7.04	8.20	Start 5523.06 hold at 2748.97 MD
8,272.03	8,250.88	-319.37	371.89	Start DLS 11.00 TFO 49.02
9,082.92	8,740.50	-861.56	408.09	Start 3969.38 hold at 9082.92 MD
13,052.29	8,570.00	-4,827.23	426.47	TD at 13052.29

**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 17<sup>th</sup> Street, Suite 2000, Denver, CO 80202 (“Newfield”).
2. Newfield is the Operator of the proposed Fausett 3-13-3-2WH well with a surface location to be positioned in the SESW of Section 12, Township 3 South, Range 2 West, Duchesne County, Utah (the “Drillsite Location”) with a wellbore point of entry in the NENW of Section 13, Township 3 South, Range 2 West, and a bottom hole location to be positioned in the SESW of Section 13, Township 3 South, Range 2 West, Duchesne County, Utah. The surface owner of the Drillsite Location is William M. Fausett, whose address is RR 3 Box 3619, Myton, UT 84052 (“Surface Owner”).
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated May 18, 2012 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

CONFIDENTIAL



ACKNOWLEDGEMENT

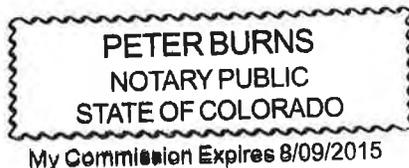
STATE OF COLORADO           §  
  §  
COUNTY OF DENVER           §

Before me, a Notary Public, in and for the State, on this 21 day of May, 2012, personally appeared Greg Boggs, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

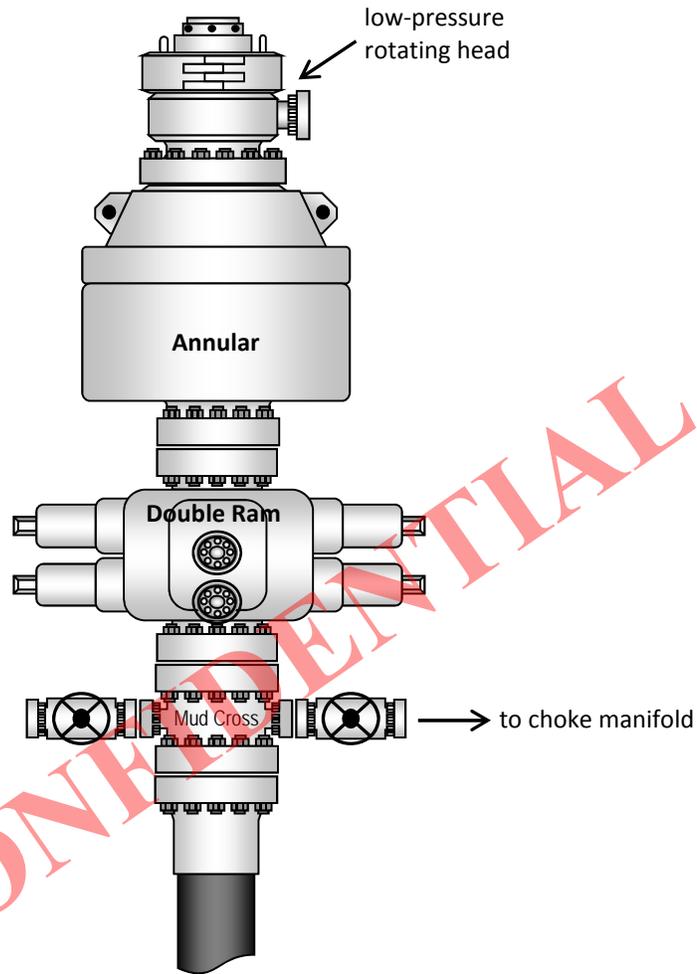


\_\_\_\_\_  
NOTARY PUBLIC

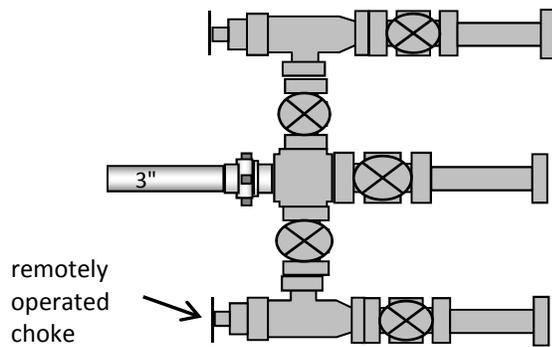
My Commission Expires:



### Typical 5M BOP stack configuration



### Typical 5M choke manifold configuration

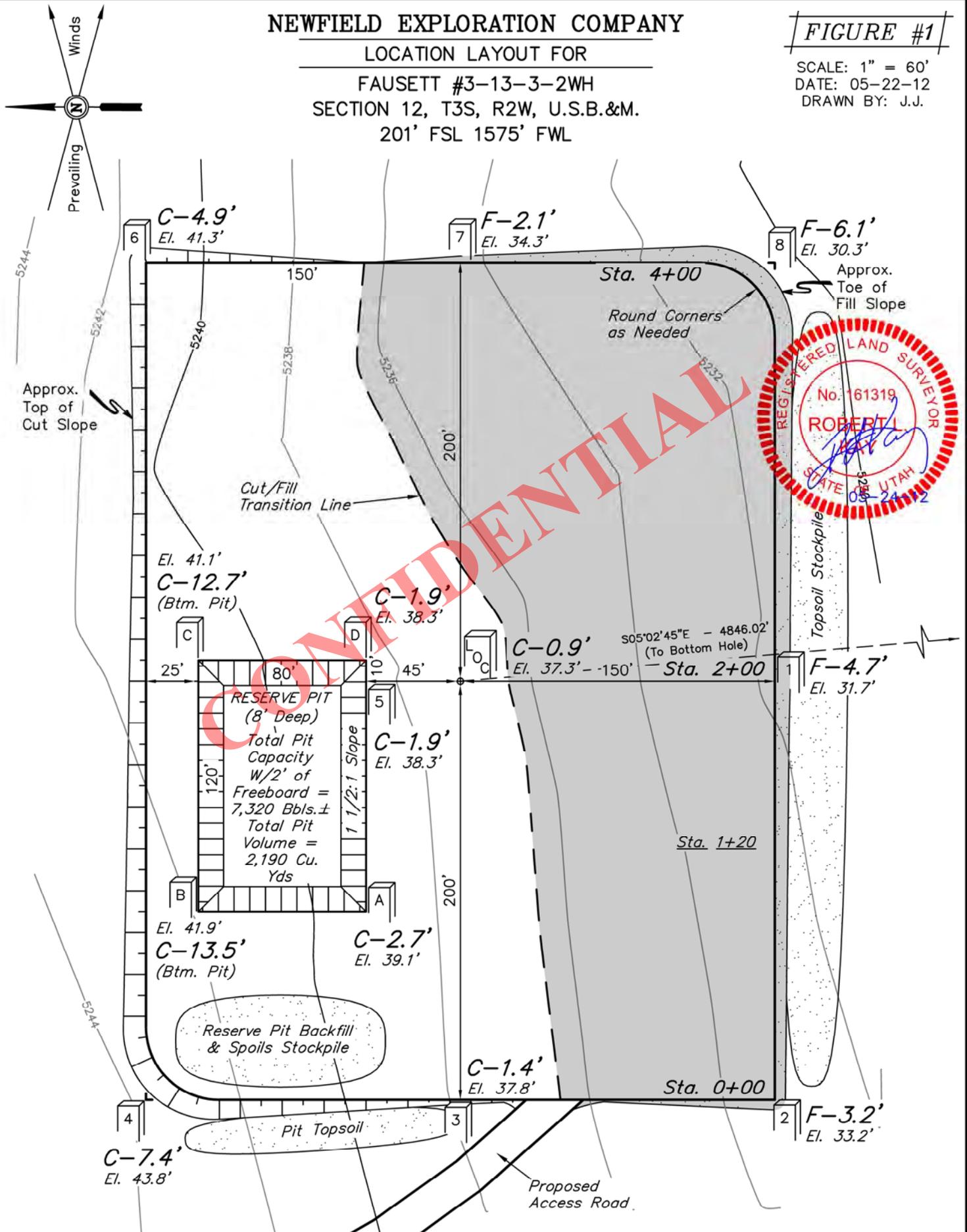


# NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT FOR  
FAUSETT #3-13-3-2WH  
SECTION 12, T3S, R2W, U.S.B.&M.  
201' FSL 1575' FWL

FIGURE #1

SCALE: 1" = 60'  
DATE: 05-22-12  
DRAWN BY: J.J.



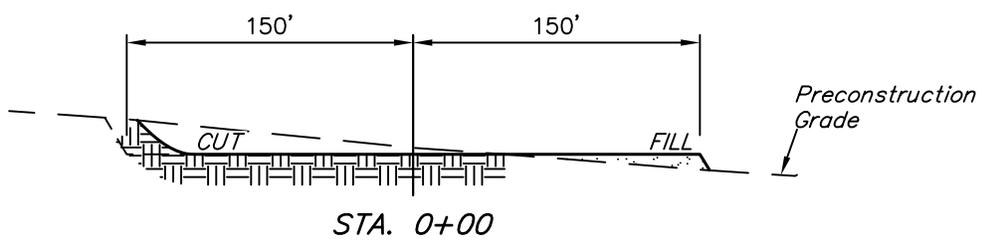
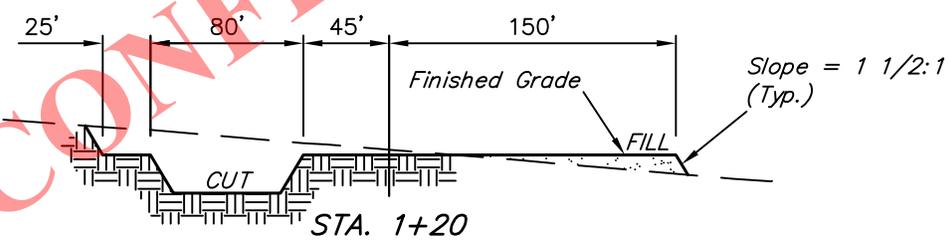
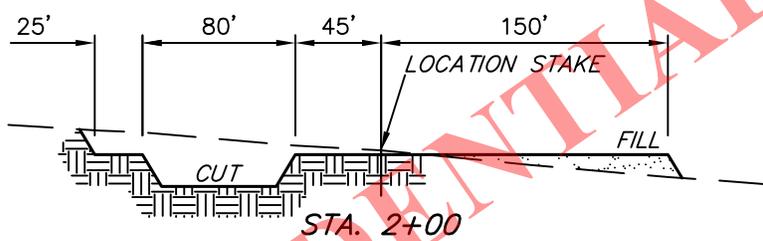
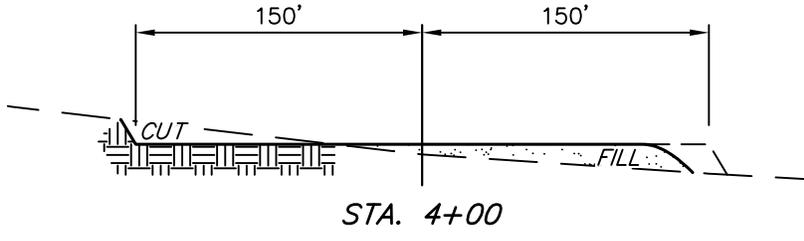
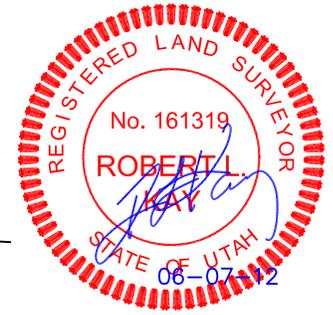
Elev. Ungraded Ground At Loc. Stake = 5237.3'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5236.4'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

**NEWFIELD EXPLORATION COMPANY**  
**TYPICAL CROSS SECTIONS FOR**  
**FAUSETT #3-13-3-2WH**  
**SECTION 12, T3S, R2W, U.S.B.&M.**  
**201' FSL 1575' FWL**

**FIGURE #2**  
 DATE: 05-22-12  
 DRAWN BY: J.J.  
 REV: 06-07-12 K.O.

1" = 40'  
 X-Section Scale  
 1" = 100'



**CONFIDENTIAL**

**NOTE:**  
 Topsoil should not be Stripped Below Finished Grade on Substructure Area.

**APPROXIMATE ACREAGES**

WELL SITE DISTURBANCE	= ± 4.591 ACRES
ACCESS ROAD DISTURBANCE	= ± 1.055 ACRES
PIPELINE DISTURBANCE	= ± 1.104 ACRES
<b>TOTAL</b>	<b>= ± 6.750 ACRES</b>

**\* NOTE:**  
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

(6") Topsoil Stripping	= 2,370 Cu. Yds.
Remaining Location	= 7,730 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 10,100 CU. YDS.</b>
<b>FILL</b>	<b>= 6,630 CU. YDS.</b>

EXCESS MATERIAL	= 3,470 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,470 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

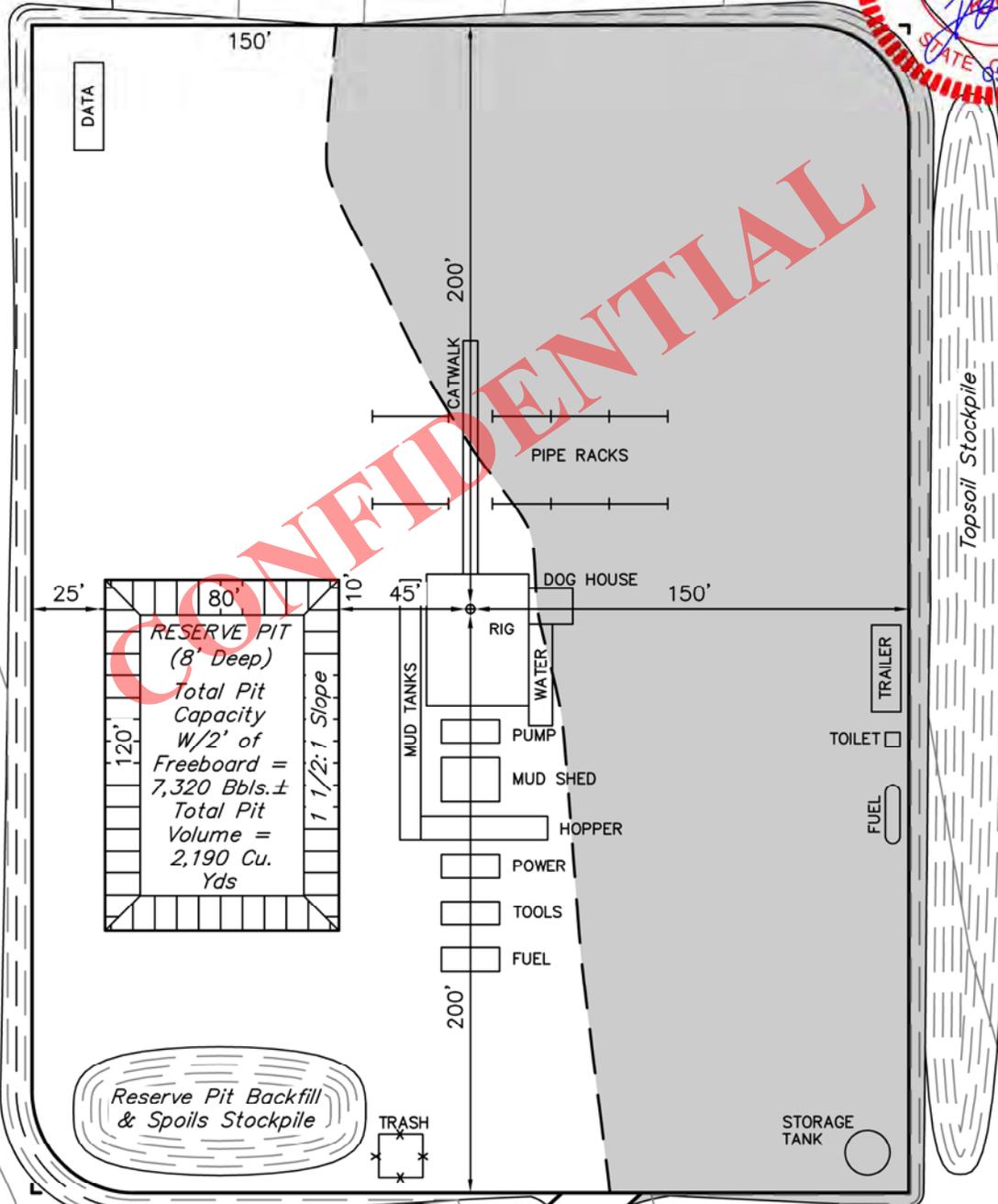
# NEWFIELD EXPLORATION COMPANY

## TYPICAL RIG LAYOUT FOR

FAUSETT #3-13-3-2WH  
SECTION 12, T3S, R2W, U.S.B.&M.  
201' FSL 1575' FWL

FIGURE #3

SCALE: 1" = 60'  
DATE: 05-22-12  
DRAWN BY: J.J.



CONFIDENTIAL

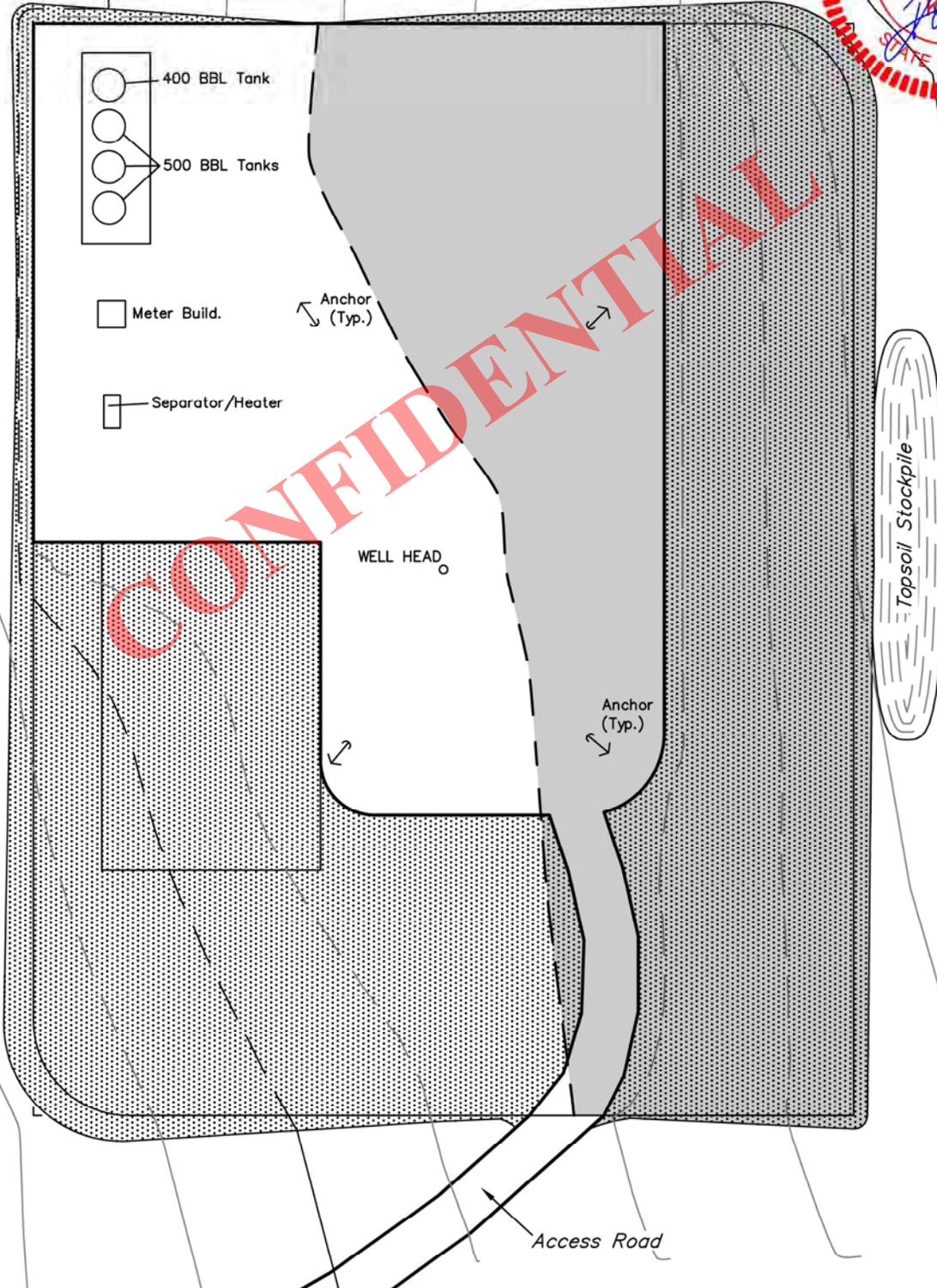
# NEWFIELD EXPLORATION COMPANY

## PRODUCTION FACILITY LAYOUT FOR

FAUSETT #3-13-3-2WH  
SECTION 12, T3S, R2W, U.S.B.&M.  
201' FSL 1575' FWL

FIGURE #4

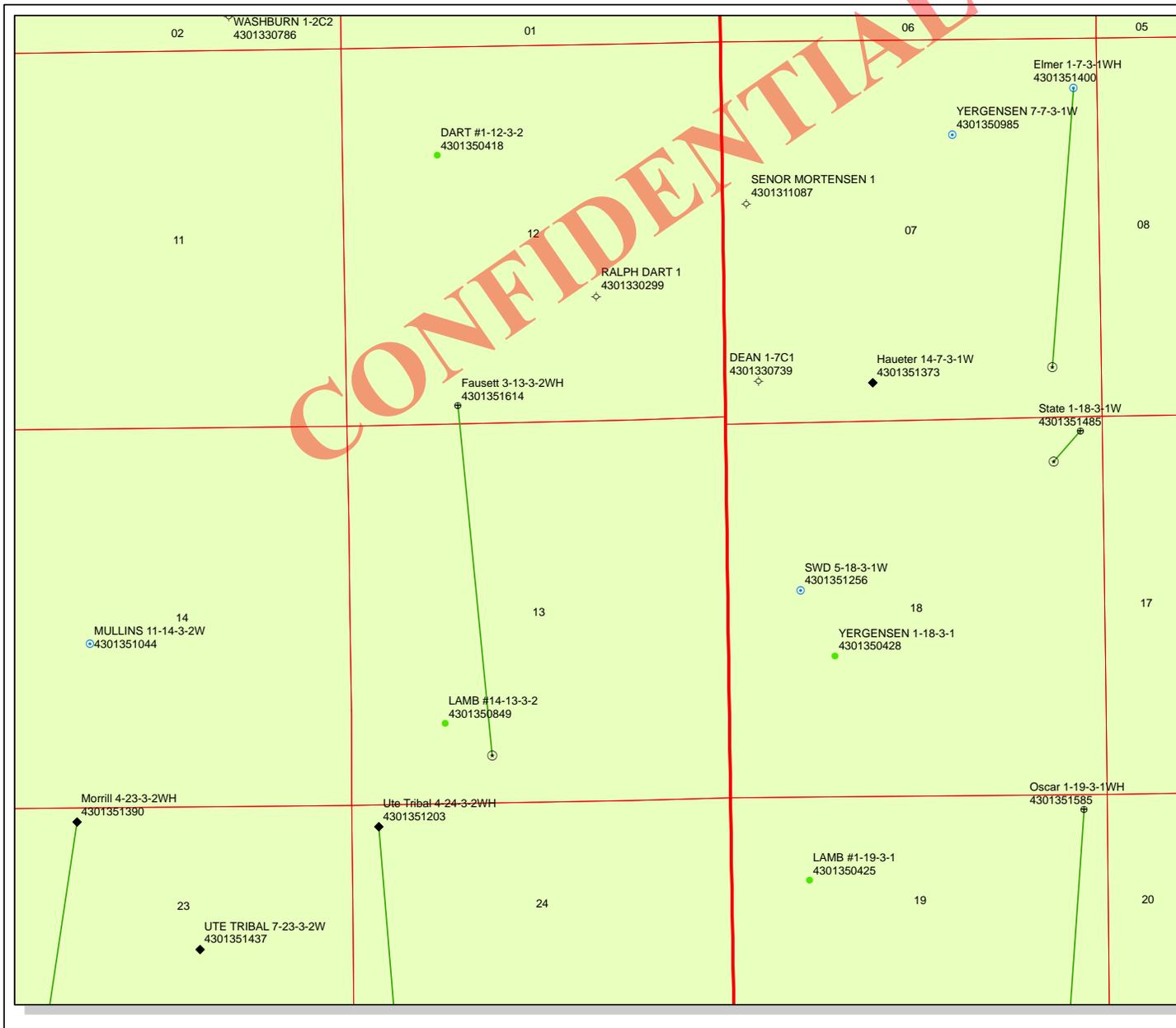
SCALE: 1" = 60'  
DATE: 05-22-12  
DRAWN BY: J.J.



RECLAIMED AREA

APPROXIMATE ACREAGES  
UN-RECLAIMED = ± 1.342 ACRES

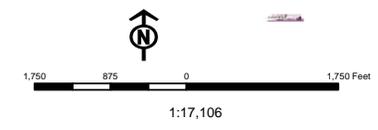
UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



**API Number: 4301351614**  
**Well Name: Fausett 3-13-3-2WH**  
**Township T03.0S Range R02.0W Section 12**  
**Meridian: UBM**  
**Operator: NEWFIELD PRODUCTION COMPANY**

Map Prepared:  
 Map Produced by Diana Mason

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





August 15, 2012

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

RE: **Fausett 3-13-3-2WH**  
Section 13, T3S, R2W  
Duchesne County, Utah

Dear Brad,

Newfield Production Company proposes to drill the Fausett 3-13-3-2WH from a surface location of 201' FSL & 1575' FWL of Section 12, T3S, R2W. Newfield shall case and cement the Fausett 3-13-3-2WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL of Section 13, T3S, R2W. The cased and cemented portion of the wellbore shall not be perforated nor produced. Newfield is the owner of 99.69% working interest in the northern offset drilling and spacing unit (Section 12, T3S-R2W) in which Newfield is the operator of the Dart 1-12-3-2W. 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.

The proposed bottom hole location of the Fausett 3-13-3-2WH is 1980' FWL 660' FSL of Section 13, T3S-R2W and inasmuch, portions of the wellbore will be closer than 1320' from the existing Lamb 14-13-3-2W wellbore. Please be advised that the Lamb 14-13-3-2W has not been, and shall not be completed in the Uteland Butte, and the Fausett 3-13-3-2WH shall only be completed in the Uteland Butte.

Due to these circumstances, Newfield respectfully requests that DOGM administratively grant an exception location for the Fausett 3-13-3-2WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-383-4197 or by email at [sgillespie@newfield.com](mailto:sgillespie@newfield.com). Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in blue ink, appearing to read "Shane Gillespie", is written over a blue circular stamp. The signature is fluid and cursive.

Shane Gillespie  
Landman

Well Name	NEWFIELD PRODUCTION COMPANY Fausett 3-13-3-2WH 430135161			
String	COND	SURF	I1	L1
Casing Size(")	14.000	9.625	7.000	4.500
Setting Depth (TVD)	60	2500	9083	13052
Previous Shoe Setting Depth (TVD)	0	60	2500	9083
Max Mud Weight (ppg)	8.3	8.3	10.5	10.5
BOPE Proposed (psi)	0	500	5000	5000
Casing Internal Yield (psi)	1000	3520	9950	12410
Operators Max Anticipated Pressure (psi)	4456			6.6

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

Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	1079	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	779	NO diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	529	NO No expected pressures
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	542	NO
Required Casing/BOPE Test Pressure=		2464	psi
*Max Pressure Allowed @ Previous Casing Shoe=		60	psi *Assumes 1psi/ft frac gradient

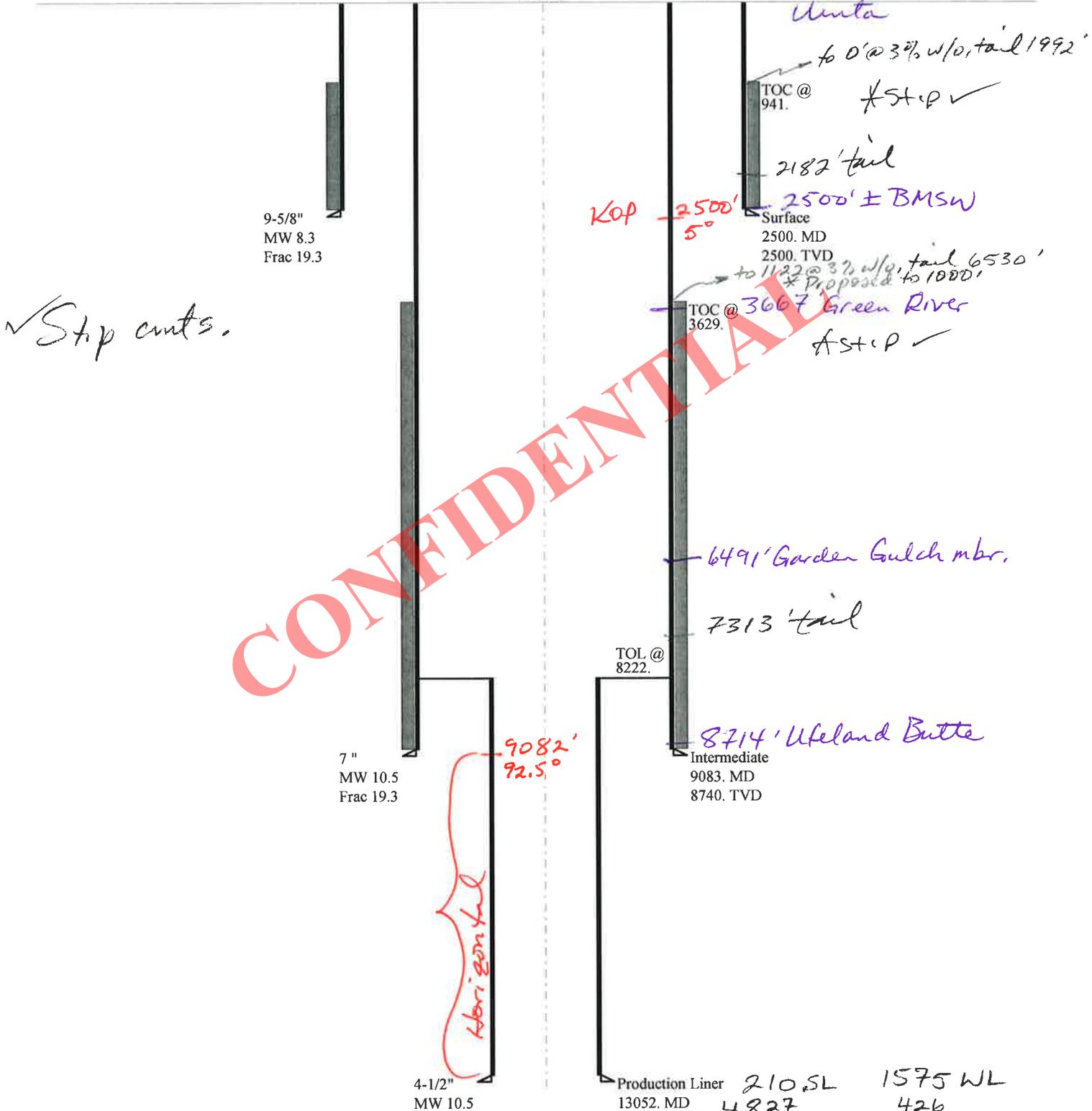
Calculations	I1 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	4959	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3869	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2961	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3511	NO OK
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2500	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	7126	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5560	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4255	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	6253	YES
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		9083	psi *Assumes 1psi/ft frac gradient

# 43013516140000 Fausett 3-13-3-2WH

## Casing Schematic

Surface



✓ Stop cuts.

**CONFIDENTIAL**

4-1/2" MW 10.5

Production Liner	210 SL	1575 WL
13052. MD	-4827	426
8570. TVD		
QTD	4617 FNL	2001 FWL ✓
	5294	

677 FSL ✓  
 SE SW sec 13-35-2W  
 @ Top prod. Fm. (7" csg pt)  
 652 FNL 1983' FWL ✓  
 \*stop 600' headline  
 exception

O.K.

Well name:	<b>43013516140000 Fausett 3-13-3-2WH</b>		
Operator:	<b>NEWFIELD PRODUCTION COMPANY</b>		
String type:	Surface	Project ID:	43-013-51614
Location:	DUCHESNE COUNTY		

**Design parameters:**

**Collapse**

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

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

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

Cement top: 941 ft

**Burst**

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

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.70 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

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

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 8,740 ft  
 Next mud weight: 10.500 ppg  
 Next setting BHP: 4,768 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 2,500 ft  
 Injection pressure: 2,500 psi

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

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

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

Date: August 30, 2012  
 Salt Lake City, Utah

**Remarks:**

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

Burst strength is not adjusted for tension.

Well name:	<b>43013516140000 Fausett 3-13-3-2WH</b>		
Operator:	<b>NEWFIELD PRODUCTION COMPANY</b>		
String type:	Intermediate	Project ID:	43-013-51614
Location:	DUCHESNE COUNTY		

**Design parameters:**

**Collapse**

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

**Burst**

Max anticipated surface pressure: 2,845 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP: 4,768 psi  
  
 No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.60 (B)

Tension is based on air weight.  
 Neutral point: 7,374 ft

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 196 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

Cement top: 3,629 ft

**Directional Info - Build & Hold**

Kick-off point: 5730 ft  
 Departure at shoe: 953 ft  
 Maximum dogleg: 11 °/100ft  
 Inclination at shoe: 92.46 °

**Re subsequent strings:**

Next setting depth: 8,570 ft  
 Next mud weight: 10.500 ppg  
 Next setting BHP: 4,675 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 8,740 ft  
 Injection pressure: 8,741 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	9083	7	26.00	P-110	Buttress	8740	9083	6.151	101012
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4768	6230	1.307	4768	9950	2.09	227.3	830.4	3.65 B

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

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

Date: August 30, 2012  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 8740 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	<b>43013516140000 Fausett 3-13-3-2WH</b>		
Operator:	<b>NEWFIELD PRODUCTION COMPANY</b>		
String type:	Production Liner	Project ID:	43-013-51614
Location:	DUCHESNE COUNTY		

**Design parameters:**

**Collapse**

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

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 194 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

**Burst**

Max anticipated surface pressure: 2,789 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 4,675 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.60 (B)

Tension is based on air weight.  
 Neutral point: 8,552 ft

**Liner top:**

8,222 ft

**Directional Info - Build & Hold**

Kick-off point 5730 ft  
 Departure at shoe: 4846 ft  
 Maximum dogleg: 11 °/100ft  
 Inclination at shoe: 92.46 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	4852	4.5	13.50	P-110	Buttress	8570	13052	3.795	29109
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4675	10680	2.285	4712	12410	2.63	5.3	421.9	79.92 B

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

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

Date: August 30, 2012  
 Salt Lake City, Utah

**Remarks:**

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 8570 ft, a mud weight of 10.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

*Engineering responsibility for use of this design will be that of the purchaser.*



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

<b>Distance to Groundwater (feet)</b>	25 to 75	15
<b>Distance to Surface Water (feet)</b>	100 to 200	15
<b>Dist. Nearest Municipal Well (ft)</b>		20
<b>Distance to Other Wells (feet)</b>	>1320	0
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>	10 to 20	5
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Present	15
<b>Final Score</b>		85 1 Sensitivity Level

**Characteristics / Requirements**

A 40' x 80' x 8' deep reserve pit is planned in an area of cut on the northwest side of the location. A pit liner is required. Newfield commonly uses a 30 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. Pit to be closed within one year after drilling activities are complete.

**Closed Loop Mud Required?** N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** N**Other Observations / Comments**Chris Jensen  
Evaluator8/22/2012  
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
6558	43013516140000	LOCKED	OW	P	No
<b>Operator</b>	NEWFIELD PRODUCTION COMPANY		<b>Surface Owner-APD</b>	William M. Fausett	
<b>Well Name</b>	Fausett 3-13-3-2WH		<b>Unit</b>		
<b>Field</b>	WILDCAT		<b>Type of Work</b>	DRILL	
<b>Location</b>	SESW 12 3S 2W U 201 FSL 1575 FWL GPS Coord (UTM) 579823E 4453740N				

**Geologic Statement of Basis**

Newfield proposes to set 60' of conductor and 2,500' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 2,500'. A search of Division of Water Rights records shows 14 water wells within a 10,000 foot radius of the center of Section 13. Depth is listed as ranging from 32 to 800 feet. Average depth is 150 feet. 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**

9/11/2012  
**Date / Time**

**Surface Statement of Basis**

Operator has a surface agreement in place with the landowner. Pad is placed against a fence to preserve surface owners use of lands. Location is proposed in the best possible position but outside the spacing window ( horizontal well). Access road enters the pad from the North.

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 location was not surveyed previously for cultural and paleontological resources and an ESA consultation was not initiated by choice of the operator. 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. Measures (BMP's) shall be taken to protect steep slopes from erosion, sedimentation and stability issues.

Chris Jensen  
**Onsite Evaluator**

8/22/2012  
**Date / Time**

**Conditions of Approval / Application for Permit to Drill**

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

Surface            The reserve pit shall be fenced upon completion of drilling operations.  
Surface            Measures (BMP's) shall be taken to protect steep slopes from erosion, sedimentation and stability issues.

**CONFIDENTIAL**

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/1/2012

API NO. ASSIGNED: 43013516140000

WELL NAME: Fausett 3-13-3-2WH

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: SESW 12 030S 020W

Permit Tech Review: 

SURFACE: 0201 FSL 1575 FWL

Engineering Review: 

BOTTOM: 0660 FSL 1980 FWL

Geology Review: 

COUNTY: DUCHESNE

LATITUDE: 40.23029

LONGITUDE: -110.06171

UTM SURF EASTINGS: 579823.00

NORTHINGS: 4453740.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Patented

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

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

Commingling 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 - bhill  
 5 - Statement of Basis - bhill  
 9 - Cement casing to Surface - ddoucet  
 12 - Cement Volume (3) - ddoucet  
 27 - Other - bhill



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:** Fausett 3-13-3-2WH

**API Well Number:** 43013516140000

**Lease Number:** Patented

**Surface Owner:** FEE (PRIVATE)

**Approval Date:** 11/1/2012

### 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:

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.

The cement volumes for the 9 5/8" surface casing shall be determined from actual hole conditions and the setting depth of the casing in order to place cement from the pipe setting depth back to the surface.

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 1000' MD as indicated in the submitted drilling plan. 7" intermediate string shall be set greater than 660' FNL as indicated in the submitted drilling plan.

**Additional Approvals:**

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

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

**Notification Requirements:**

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

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

**Contact Information:**

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

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

**Reporting Requirements:**

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

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

plugging

**Approved By:**

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

For John Rogers  
Associate Director, Oil & Gas

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

FORM 9

**5.LEASE DESIGNATION AND SERIAL NUMBER:**  
Patented

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7.UNIT or CA AGREEMENT NAME:**

**1. TYPE OF WELL**  
Oil Well

**8. WELL NAME and NUMBER:**  
FAUSETT 4-13-3-2WH

**2. NAME OF OPERATOR:**  
NEWFIELD PRODUCTION COMPANY

**9. API NUMBER:**  
43013516140000

**3. ADDRESS OF OPERATOR:** Rt 3 Box 3630 , Myton, UT, 84052  
**PHONE NUMBER:** 435 646-4825 Ext

**9. FIELD and POOL or WILDCAT:**  
WILDCAT

**4. LOCATION OF WELL**  
**FOOTAGES AT SURFACE:**  
0201 FSL 1575 FWL  
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**  
Qtr/Qtr: SESW Section: 12 Township: 03.0S Range: 02.0W 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 checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/15/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Newfield Production Company respectfully requests to have the bottom hole location changed for this well also changing the well name to the Fausett 4-13-3-2WH. The surface location remains at 201' FSL & 1575' FWL, SESW, Section 12, T3S, R2W, USB&M and the new bottom hole location is 662' FSL & 702' FWL, SWSW, Section 13, T3S, R2W, USB&M. All aspects of the surface location remain unchanged from those previously approved. Attached please find an updated plat package, drilling plan, horizontal plan, affidavit of SUA and horizontal drilling letter to update the approved files.

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/4/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FAUSETT 4-13-3-2WH
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013516140000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0201 FSL 1575 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 12 Township: 03.0S Range: 02.0W Meridian: U	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/15/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield Production Company respectfully requests to have the bottom hole location changed for this well also changing the well name to the Fausett 4-13-3-2WH. The surface location remains at 201' FSL & 1575' FWL, SESW, Section 12, T3S, R2W, USB&M and the new bottom hole location is 662' FSL & 702' FWL, SWSW, Section 13, T3S, R2W, USB&M.

All aspects of the surface location remain unchanged from those previously approved. Attached please find an updated plat package, drilling plan, horizontal plan, affidavit of SUA and horizontal drilling letter to update the approved files.

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

**Date:** September 24, 2013

**By:** *Don Hamilton*

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 719-2018	<b>TITLE</b> Permitting Agent
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/4/2013	



**The Utah Division of Oil, Gas, and Mining**

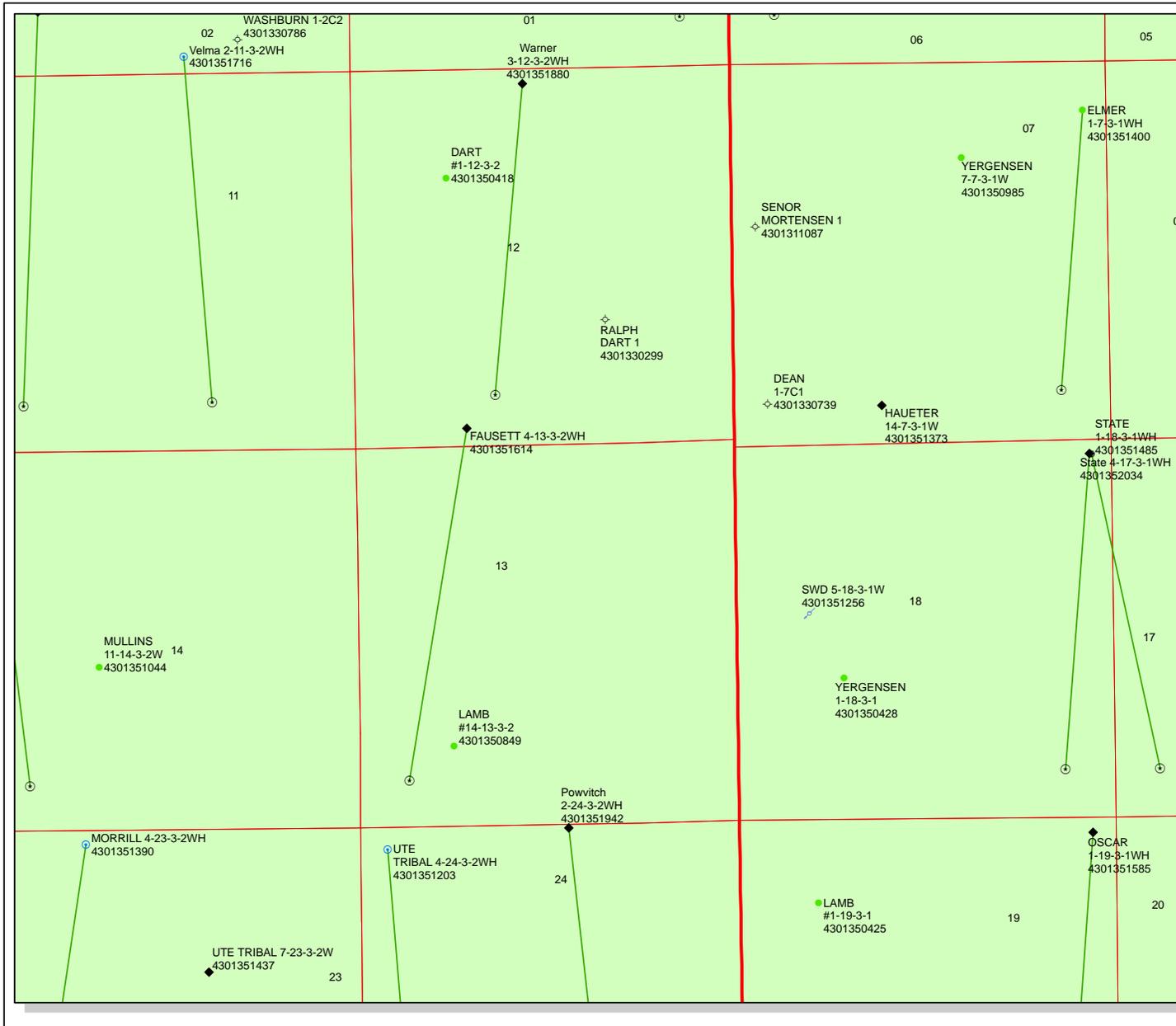
- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43013516140000**

**13 3/8" and 9 5/8" casing shall be cemented from setting depth back to surface as indicated on the drilling plan.**

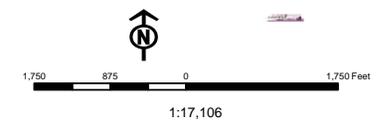
**5 1/2" casing shall be cemented from setting depth back to 1000' inside previous casing shoe as indicated in the drilling plan (~7394').**



**API Number: 4301351614**  
**Well Name: FAUSETT 4-13-3-2WH**  
 Township T03.0S Range R02.0W Section 12  
 Meridian: UBM  
 Operator: NEWFIELD PRODUCTION COMPANY

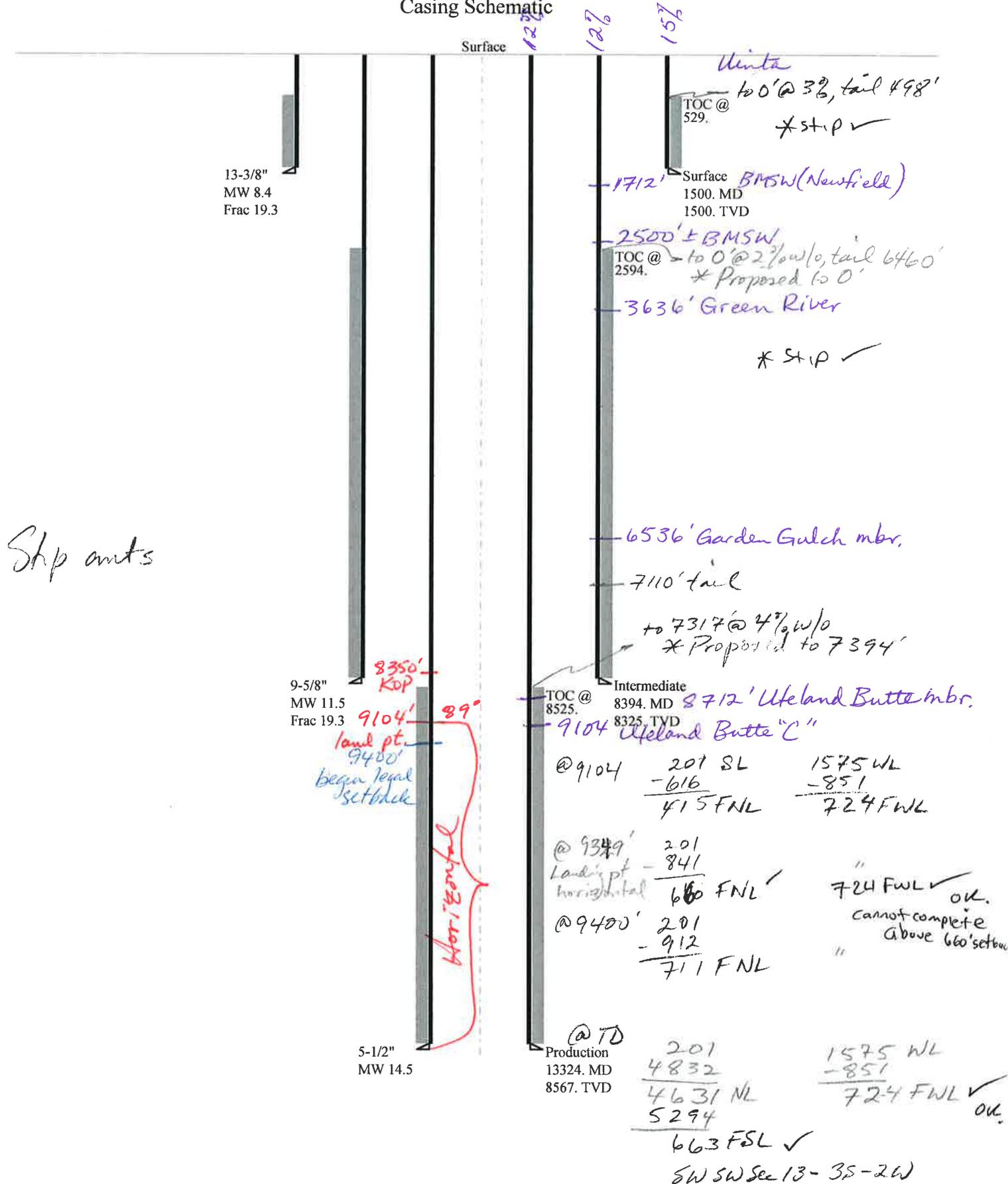
Map Prepared:  
 Map Produced by Diana Mason

- Units**
- ACTIVE
  - EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PI OIL
  - PP GAS
  - PP GEOTHERMIL
  - PP OIL
  - SECONDARY
  - TERMINATED
- Fields**
- Unknown
  - ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - STORAGE
  - TERMINATED



### 43013516140000 Fausett 4-13-3-2WHrev2

#### Casing Schematic



Stop aunts

Well name:	<b>43013516140000 Fausett 4-13-3-2WHrev2</b>	
Operator:	<b>NEWFIELD PRODUCTION COMPANY</b>	
String type:	Surface	Project ID: 43-013-51614
Location:	DUCHESNE COUNTY	

**Design parameters:**

**Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 1,320 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP: 1,500 psi  
  
No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.70 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.  
Neutral point: 1,314 ft

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 95 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft  
  
Cement top: 529 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 8,325 ft  
Next mud weight: 11.500 ppg  
Next setting BHP: 4,973 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 1,500 ft  
Injection pressure: 1,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1500	13.375	54.50	J-55	ST&C	1500	1500	12.49	18612
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	655	1130	1.726	1500	2730	1.82	81.8	514	6.29 J

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

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

Date: September 17, 2013  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 1500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>43013516140000 Fausett 4-13-3-2WHrev2</b>		
Operator:	<b>NEWFIELD PRODUCTION COMPANY</b>		
String type:	Intermediate	Project ID:	43-013-51614
Location:	DUCHESNE COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 11.500 ppg  
Internal fluid density: 5.880 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 191 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,000 ft

Cement top: 2,594 ft

**Burst**

Max anticipated surface pressure: 4,568 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP: 6,400 psi  
  
Annular backup: 2.33 ppg

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.60 (B)

Tension is based on air weight.  
Neutral point: 6,956 ft

**Directional well information:**

Kick-off point: 2500 ft  
Departure at shoe: 858 ft  
Maximum dogleg: 11 °/100ft  
Inclination at shoe: 11.43 °

**Re subsequent strings:**

Next setting depth: 8,567 ft  
Next mud weight: 14.500 ppg  
Next setting BHP: 6,453 psi  
Fracture mud wt: 19,250 ppg  
Fracture depth: 8,325 ft  
Injection pressure: 8,325 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8394	9.625	40.00	N-80	Buttress	8325	8394	8.75	114291
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2430	2736	1.126	5392	5750	1.07	333	916.3	2.75 B

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

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

Date: September 17, 2013  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 8325 ft, a mud weight of 11.5 ppg. An internal gradient of .305 psi/ft was used for collapse from TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	<b>43013516140000 Fausett 4-13-3-2WHrev2</b>	
Operator:	<b>NEWFIELD PRODUCTION COMPANY</b>	
String type:	Production	Project ID: 43-013-51614
Location:	DUCHESNE COUNTY	

**Design parameters:****Collapse**

Mud weight: 14.500 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 4,568 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP: 6,453 psi

No backup mud specified.

**Minimum design factors:****Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.60 (B)

Tension is based on air weight.  
Neutral point: 6,739 ft

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 194 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,000 ft

Cement top: 8,525 ft

**Directional well information:**

Kick-off point: 2500 ft  
Departure at shoe: 4907 ft  
Maximum dogleg: 11 °/100ft  
Inclination at shoe: 92.5 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	13324	5.5	20.00	P-110	Buttress	8567	13324	4.653	110539
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	6453	11100	1.720	6492	12360	1.90	171.3	641.1	3.74 B

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

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

Date: September 17, 2013  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 8567 ft, a mud weight of 14.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

BOPE REVIEW		Fawsett 4-13-3-2WHrev2		API 43-013-51614-0000	
Well Name					
Casing Size (")		String 1	String 2	String 3	
Setting Depth (TVD)		13 3/8	9 5/8	5 1/2	
Previous Shoe Setting Depth (TVD)		1500	8394	8567	
Max Mud Weight (ppg)		40	1500	8394	
BOPE Proposed (psi)		8.33	11.5	14.5	
Casing Internal Yield (psi)		500	5000	5000	
Operators Max Anticipated Pressure (psi)		2730	5750	12360	
		4849		10.9 ppg	

Calculations		String 1		13 3/8 "	
Max BHP [psi]		.052*Setting Depth*MW = 650			
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	470			
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	320			
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	329			
Required Casing/BOPE Test Pressure		1500 psi			
*Max Pressure Allowed @ Previous Casing Shoe =		40 psi			
		*Assumes 1psi/ft frac gradient			
BOPE Adequate For Drilling And Setting Casing at Depth?					
		YES			
Diverter, air and or fresh water system					
		YES			
*Can Full Expected Pressure Be Held At Previous Shoe?					
		NO			
		0 K			

Calculations		String 2		9 5/8 "	
Max BHP [psi]		.052*Setting Depth*MW = 5020			
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	4012			
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	3173			
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	3503			
Required Casing/BOPE Test Pressure		4029 psi			
*Max Pressure Allowed @ Previous Casing Shoe =		1500 psi			
		*Assumes 1psi/ft frac gradient			
BOPE Adequate For Drilling And Setting Casing at Depth?					
		YES			
5M BOP, 2 ram preventers, annular preventer					
		YES			
*Can Full Expected Pressure Be Held At Previous Shoe?					
		NO			
		0 K			

Calculations		String 3		5 1/2 "	
Max BHP [psi]		.052*Setting Depth*MW = 6460			
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	5431			
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	4575			
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	6421			
Required Casing/BOPE Test Pressure		5000 psi			
*Max Pressure Allowed @ Previous Casing Shoe =		5750 psi			
		*Assumes 1psi/ft frac gradient			
BOPE Adequate For Drilling And Setting Casing at Depth?					
		NO			
5M BOP, 2 ram preventers, annular preventer					
		YES			
*Can Full Expected Pressure Be Held At Previous Shoe?					
		YES			
		0 K			

# T3S, R2W, U.S.B.&M.

## NEWFIELD EXPLORATION COMPANY

Well location, #4-13-3-2WH (SURFACE LOCATION), located as shown in the SE 1/4 SW 1/4 of Section 12, T3S, R2W, U.S.B.&M., Duchesne County, Utah.

### BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S84°59'59"W	798.65'



SCALE

CERTIFICATE

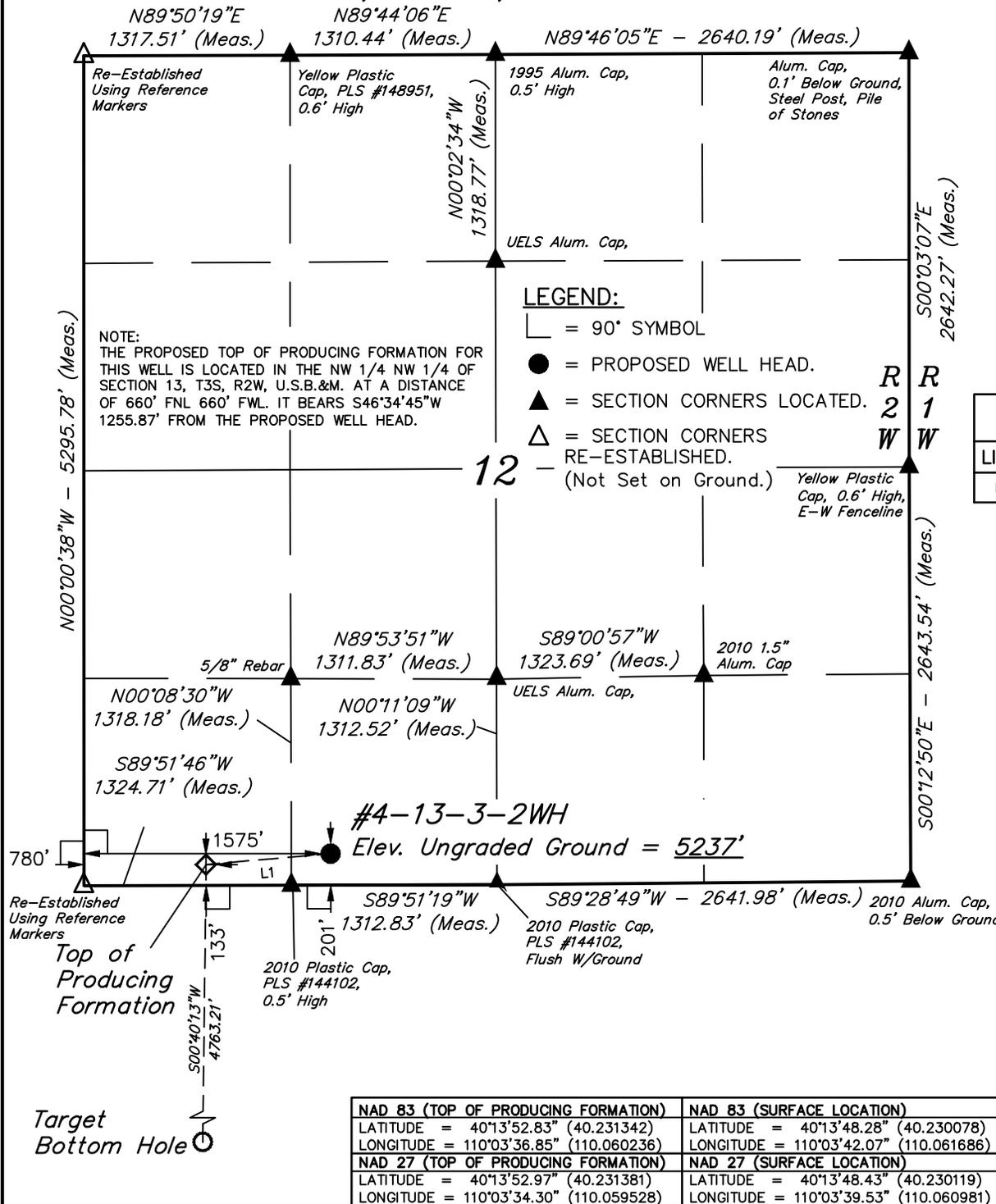
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH  
 04-03-13

REV: 04-03-13 K.O.  
 REV: 03-27-13 K.O.  
 REV: 08-30-12 S.F.

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 05-17-12	DATE DRAWN: 05-22-12
PARTY M.A. T.B. J.J.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE NEWFIELD EXPLORATION COMPANY	



# T3S, R2W, U.S.B.&M.

# NEWFIELD EXPLORATION COMPANY

Well location, #4-13-3-2WH (BOTTOM HOLE), located as shown in the SW 1/4 SW 1/4 of Section 13, T3S, R2W, U.S.B.&M., Duchesne County, Utah.

### BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

### LINE TABLE

LINE	DIRECTION	LENGTH
L1	S84°59'59"W	798.65'



SCALE

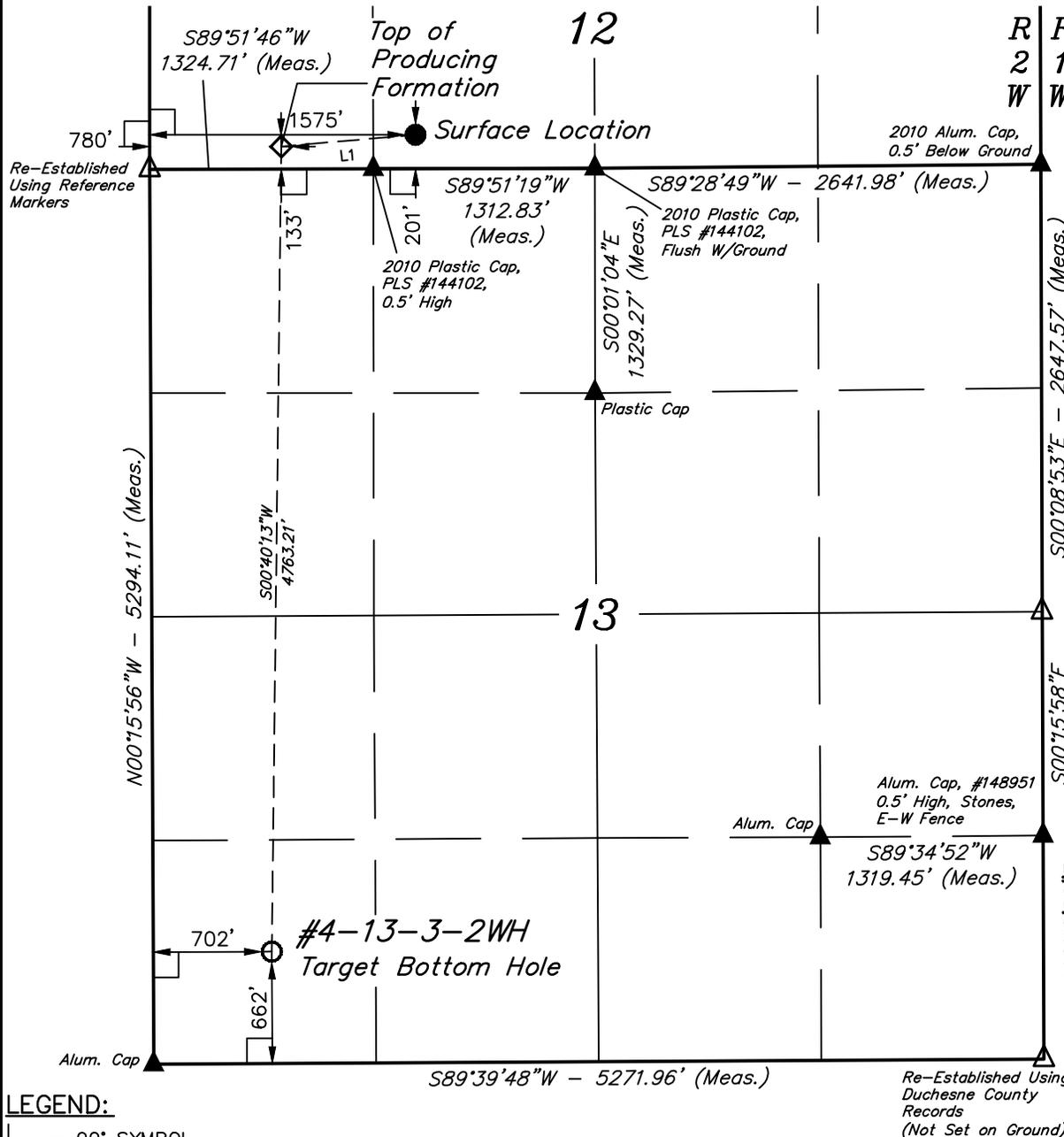
### CERTIFICATE

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.

*KAY*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH  
 04-03-13

REV: 04-03-13 K.O.  
 REV: 03-27-13 K.O.

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017



### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

<b>NAD 83 (BOTTOM HOLE)</b>	
LATITUDE = 40°14'32.12" (40.242256)	
LONGITUDE = 110°03'36.82" (110.060228)	
<b>NAD 27 (BOTTOM HOLE)</b>	
LATITUDE = 40°14'32.27" (40.242297)	
LONGITUDE = 110°03'34.28" (110.059522)	

SCALE 1" = 1000'	DATE SURVEYED: 05-17-12	DATE DRAWN: 05-22-12
PARTY M.A. T.B. J.J.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE NEWFIELD EXPLORATION COMPANY	

**Newfield Production Company****4-13-3-2WH****Surface Hole Location: 201' FSL, 1575' FWL, Section 12, T3S, R2W****Bottom Hole Location: 662' FSL, 702' FWL, Section 13, T3S, R2W****Duchesne County, UT****Drilling Program****1. Formation Tops**

Uinta	surface
Green River	3,636'
Garden Gulch member	6,536'
Uteland Butte member	8,712'
Lateral TD	8,567' TVD / 13,324' MD

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

Base of moderately saline	1,712'	(water)
Green River	6,536' - 8,712'	(oil)
Uteland Butte member	8,712' - 8,567'	(oil)

**3. Pressure Control**Section                      BOP Description

Surface                      Diverter

Intermediate              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.

Prod/Prod Liner            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 20	0'	60'	--	--	Weld	--	--	--	--	--	--
Surface 13 3/8	0'	1,500'	54.5	J-55	STC	8.33	8.4	14	2,730	1,130	514,000
									2.89	2.63	6.29
Intermediate 9 5/8	0'	8,325'	40	N-80	BTC	11	11.5	15	5,750	3,090	916,000
		8,394'							1.19	1.24	2.75
Production 5 1/2	0'	8,567'	20	P-110	BTC	14	14.5	16	12,360	11,080	641,000
		13,324'							2.50	2.14	2.41

## 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)
- Intermediate collapse calculations assume 50% evacuated
- Maximum intermediate csg collapse load assumes loss of mud to a fluid level of 4,163'
- Intermediate csg run from surface to 8,325' and will not experience full evacuation
- Production csg run from surface to TD will isolate intermediate csg from production loads
- Production csg withstands burst and collapse loads for anticipated production conditions
- Surface & production collapse calcs assume fully evacuated casing w/ a gas gradient
- All tension calculations assume air weight of casing
- Gas gradient = 0.15 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 <sup>3</sup>	OH excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
				sacks			
Conductor	24	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	66	15%	15.8	1.17
				57			
Surface Lead	17 1/2	500'	Varicem (Type III) + .125 lbs/sk Cello Flakes	399	15%	11.0	3.33
				120			
Surface Tail	17 1/2	1,000'	Varicem (Type III) + .125 lbs/sk Cello Flakes	799	15%	13.0	1.9
				420			
Intermediate Lead	12 1/4	6,536'	HLC Premium - 35% Poz/65% Glass G + 10% bentonite	2354	15%	11.0	3.53
				667			
Intermediate Tail	12 1/4	1,858'	50/50 Poz/Class G + 1% bentonite	669	15%	14.0	1.29
				519			
Production Tail	8 3/4	5,930'	50/50 Poz/Class G + 1% bentonite	1723	15%	14.0	1.29
				1335			

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

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

The 5.5" production string will be run from surface to TD and cemented to setback. The cement slurries will be adjusted for hole conditions and blend test results. The lateral will be cemented past the setback.

The wellbore will cross the heal setback @ 9,349' MD

The float collar will be @ 13,324' MD

This well will not be perforated or produced outside the legal setbacks.

## 6. Type and Characteristics of Proposed Circulating Medium

### Interval

### Description

Surface - 1,500' 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.

1,500' - 8,394' 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 11.5 ppg.

8,394' - TD One of two possible mud systems may be used depending on offset well performance on ongoing wells:  
A water based mud: 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.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride). All cuttings will be dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. The cuttings will be mixed with fly ash prior to transportation to a location on Newfield owned surface. Once on Newfield owned surface, the cuttings will be treated with the previously approved FIRMUS process and used as a construction material on future location and/or roads on Newfield owned surface. The cuttings may also be transported to a state approved disposal facility.

Anticipated maximum mud weight is 14.5 ppg.

## 7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from KOP to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from KOP to the cement top behind the production casing and or 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 0.73 psi/ft gradient.

$$8,567' \times 0.73 \text{ psi/ft} = 6236.8 \text{ psi}$$

No abnormal temperature is expected. No H<sub>2</sub>S is expected.

## 9. Other Aspects

The lateral of this well will target the Uteland Butte member of the Green River formation

After setting 9-5/8" casing, an 8-3/4" vertical hole will be drilled to a kick off point of 8,331'

Directional tools will then be used to build to 92.50 degrees inclination.

The lateral will be drilled to the bottomhole location shown on the plat. A 5-1/2" longstring will be run from surface to TD and cemented in place.

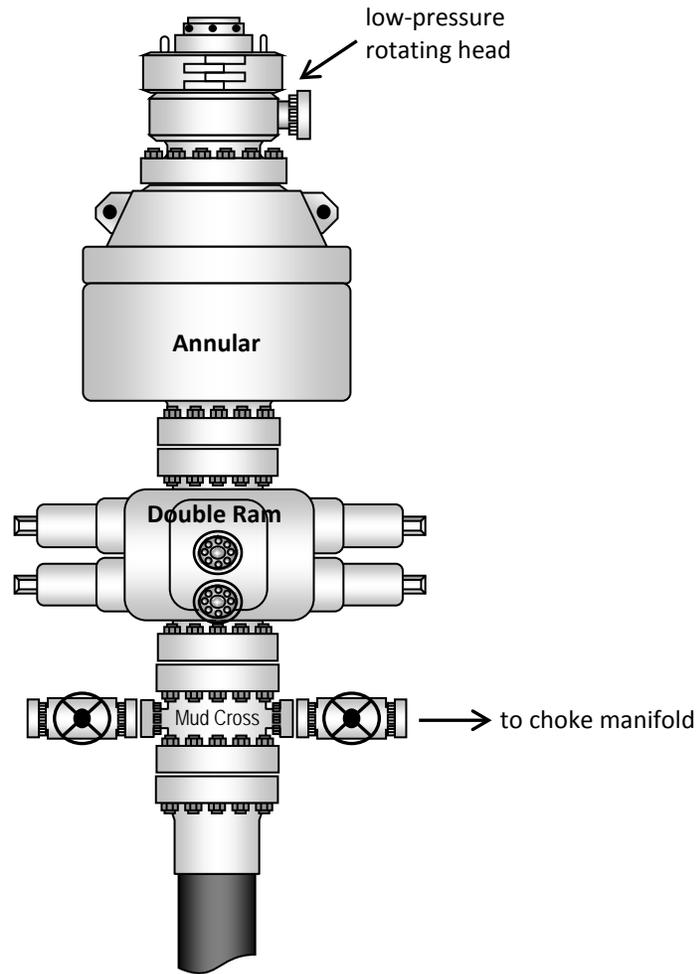
Newfield requests the following variances from Onshore Order #2:

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

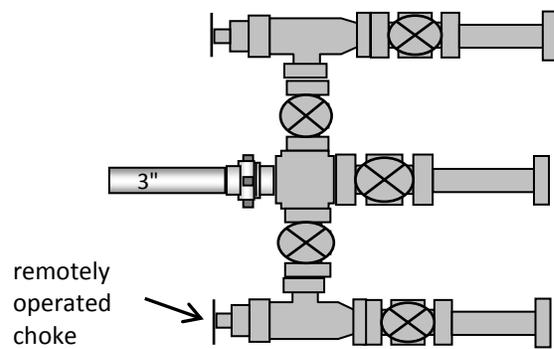
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

If oil based mud (OBM) is used and If Newfield owns the surface rights on the same drilling site at a location where construction is desired, the cuttings may be used for construction by a Firmus® process at that location. Otherwise, after the cuttings have been made safe for transport as described in paragraph 6, they will be transported to another location on which Newfield owns surface rights and there mixed, as part of a Firmus® process, with at least one additional chemical that will convert them to a temporarily uncured cementitious mixture that will be placed and shaped into a temporary desired final structure that will spontaneously harden within seven days after placement to form the desired structure. Samples of the temporary desired final structure may be taken for testing as described below (after the samples have hardened), or samples of the starting pretreated cuttings and mud will be taken during the construction and later mixed in a laboratory, molded, and cured to simulate the final structure as well as reasonably possible. Either these laboratory-made simulations of the final structure or samples of the temporary mixture itself after hardening, will be mechanically tested directly to determine their unconfined compressive strength and their hydraulic conductivity. Leachates of the mechanically tested structures themselves or of finer particles made by crushing and size-grading of the mechanically tested structures themselves to a specified particle size range will be analyzed, according to specified methods, for their contents of arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, zinc, benzene, total petroleum hydrocarbons (TPH), and chlorides, and the pH of these leachates will also be measured. The results of all these tests will be reported by Newfield to UDOGM at intervals as requested, along with the latitude and longitude (or other comparable location data) of the site of the useful constructions built.

### Typical 5M BOP stack configuration

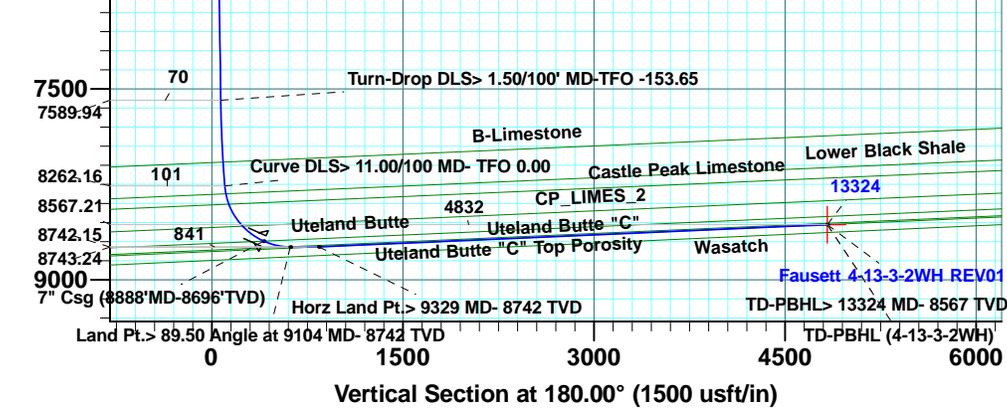
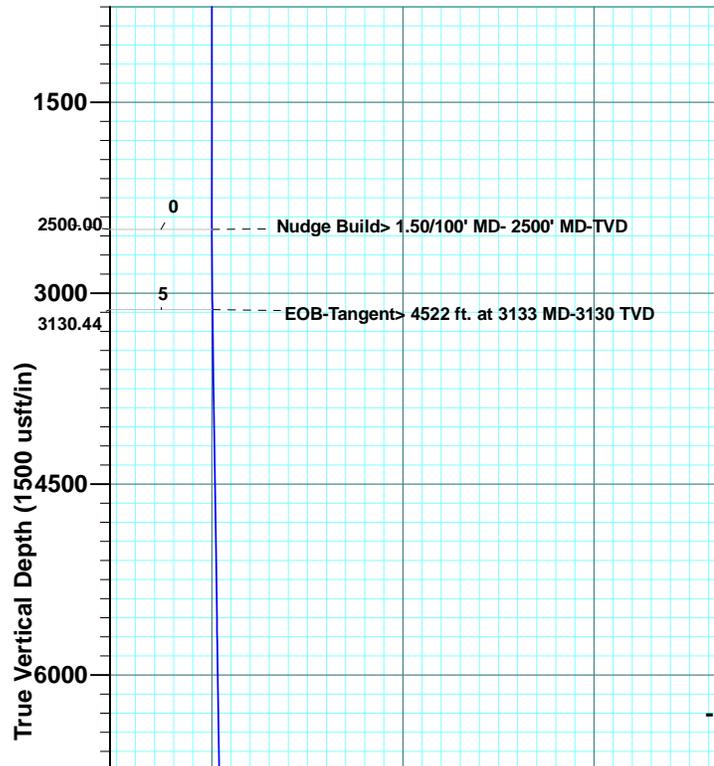
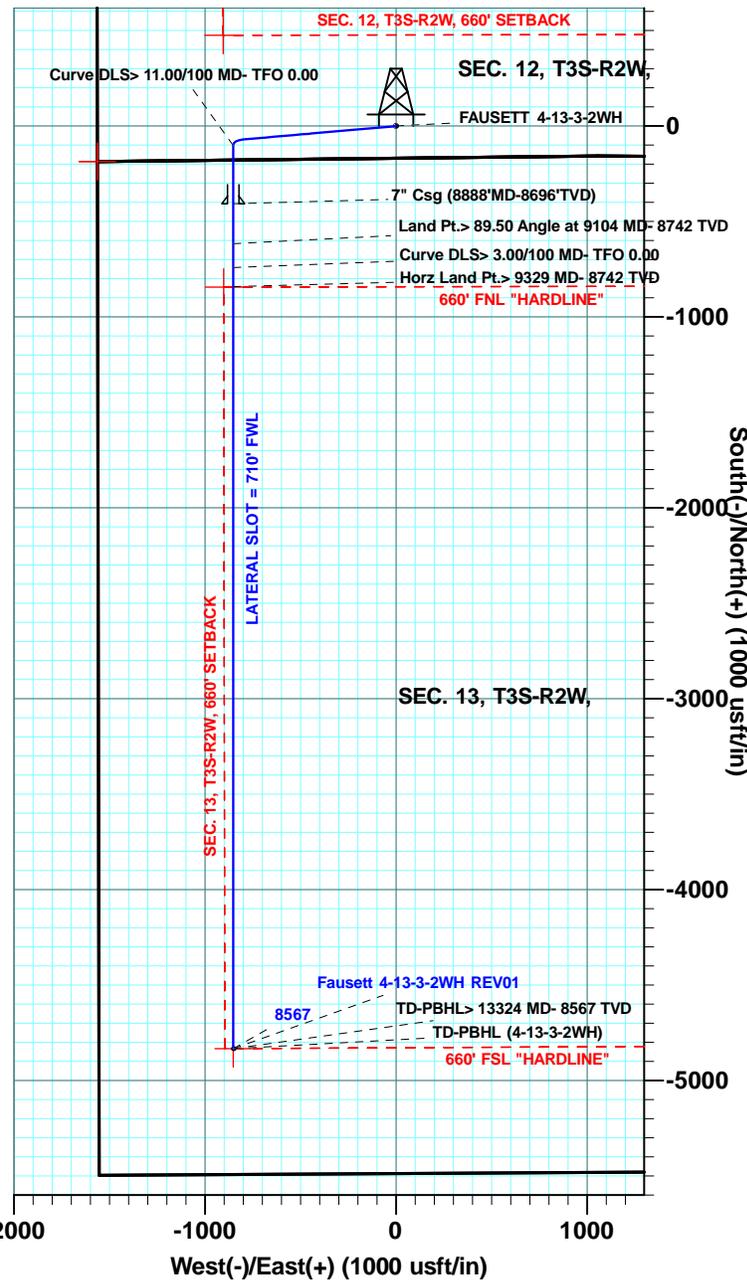


### Typical 5M choke manifold configuration



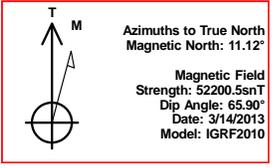
**LEAM Drilling Systems, Inc.**  
**FOR**  
**NEWFIELD EXPLORATION ROCKY MOUNTAINS**  
**WELL: FAUSETT 4-13-3-2WH, T3S-R2W,**  
**MARCH 12, 2013**  
**PLAN: FAUSETT 4-13-3-2WH REV01**  
**DUCHESNE COUNTY, UTAH**

WELL DETAILS: FAUSETT 4-13-3-2WH						Slot
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	7255760.77	2041974.9140	13° 48.280 N	110° 3' 42.070 W	



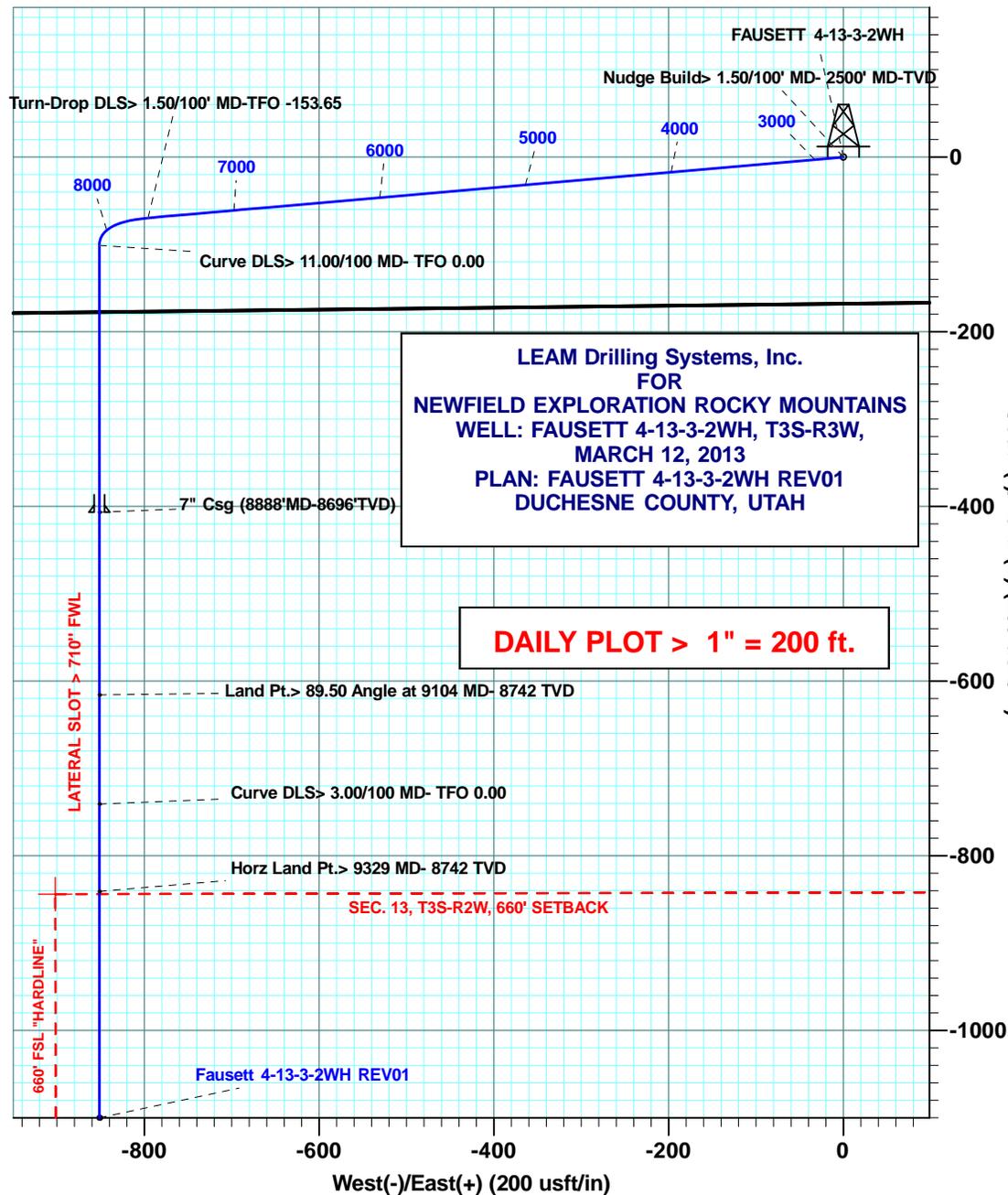
**PROJECT DETAILS: DUCHESNE COUNTY, UT (NAD 83)**  
 Geodetic System: US State Plane 1983  
 Ellipsoid: GRS 1980  
 Zone: Utah Central Zone  
 System Datum: Mean Sea Level

**SITE DETAILS: CENTRAL BASIN (NAD 83)**  
 Site Centre Latitude: 40° 13' 43.080 N  
 Longitude: 110° 15' 32.490 W  
 Positional Uncertainty: 0.00  
 Convergence: 0.79  
 Local North: True



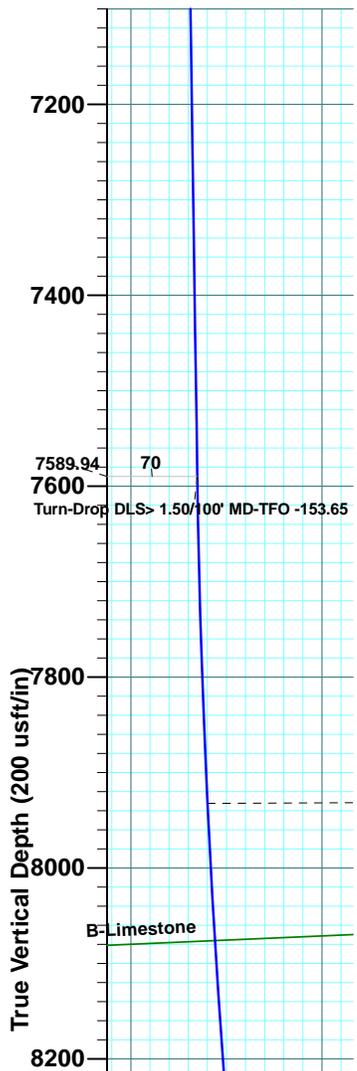
SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	
3133.33	9.50	265.00	3130.44	-4.57	-52.19	1.50	265.00	4.57	
7654.85	9.50	265.00	7589.94	-69.61	-795.61	0.00	0.00	69.61	
8330.99	4.50	180.00	8262.16	-101.08	-851.34	1.50	-153.65	101.08	
9103.72	89.50	180.00	8742.15	-615.80	-851.34	11.00	0.00	615.80	
9228.72	89.50	180.00	8743.24	-740.79	-851.34	0.00	0.00	740.79	
9328.72	92.50	180.00	8741.49	-840.77	-851.34	3.00	0.00	840.77	
13324.25	92.50	180.00	8567.21	-4832.49	-851.34	0.00	0.00	4832.49	

Plan: Fausett 4-13-3-2WH REV01 (FAUSETT 4-13-3-2WH/4-13-3-2WH)  
 Created By: Chad Dubois Date: 15:03, March 12 2013  
 Checked: \_\_\_\_\_ Date: \_\_\_\_\_  
 Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_  
 Approved: \_\_\_\_\_ Date: \_\_\_\_\_

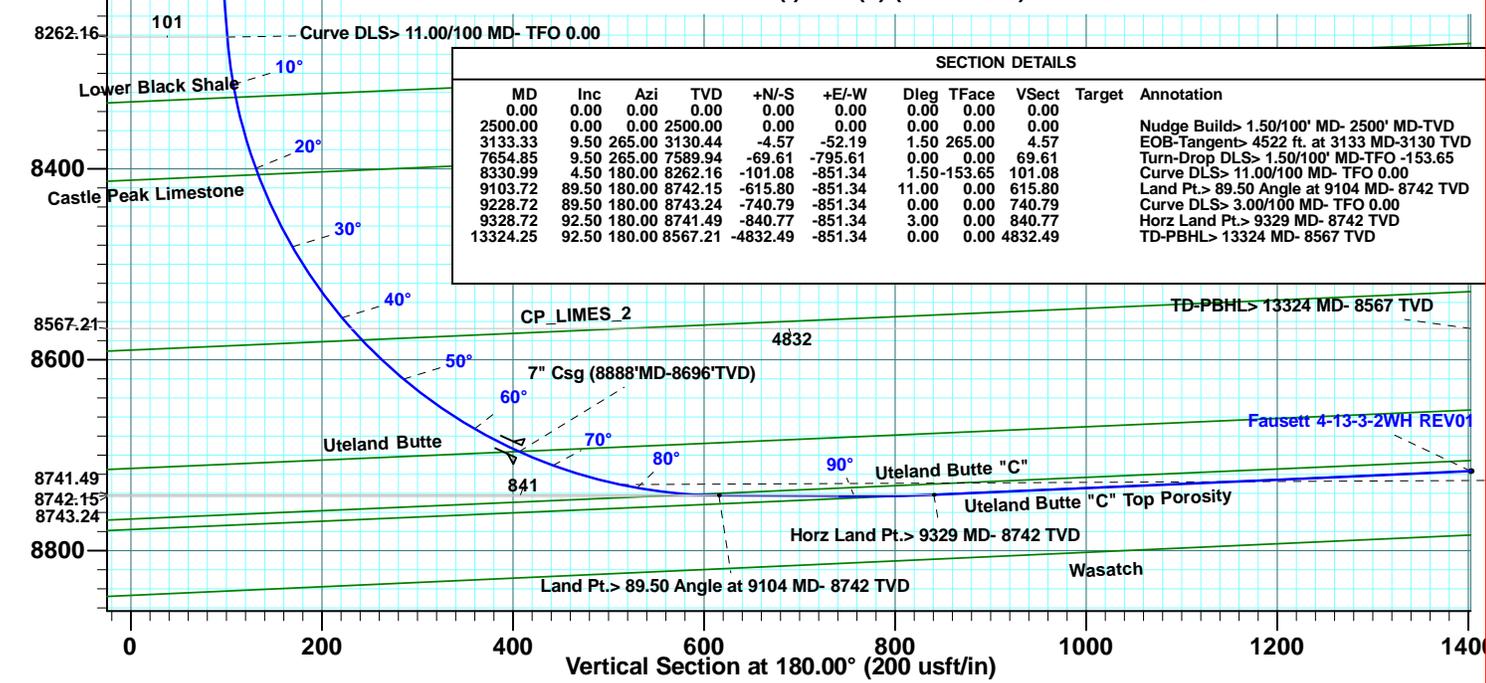


LEAM Drilling Systems, Inc.  
FOR  
NEWFIELD EXPLORATION ROCKY MOUNTAINS  
WELL: FAUSETT 4-13-3-2WH, T3S-R3W,  
MARCH 12, 2013  
PLAN: FAUSETT 4-13-3-2WH REV01  
DUCESNE COUNTY, UTAH

DAILY PLOT > 1" = 200 ft.



SECTION DETAILS										
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V Sect	Target	Annotation
0.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	Nudge Build> 1.50/100' MD- 2500' MD-TVD
3133.33	9.50	265.00	3130.44	-4.57	-52.19	1.50	265.00	4.57	0.00	EOB-Tangent> 4522 ft. at 3133 MD-3130 TVD
7654.85	9.50	265.00	7589.94	-69.61	-795.61	0.00	0.00	69.61	0.00	Turn-Drop DLS> 1.50/100' MD-TFO -153.65
8330.99	4.50	180.00	8262.16	-101.08	-851.34	1.50	-153.65	101.08	0.00	Curve DLS> 11.00/100 MD- TFO 0.00
9103.72	89.50	180.00	8742.15	-615.80	-851.34	11.00	0.00	615.80	0.00	Land Pt.> 89.50 Angle at 9104 MD- 8742 TVD
9228.72	89.50	180.00	8743.24	-740.79	-851.34	0.00	0.00	740.79	0.00	Curve DLS> 3.00/100 MD- TFO 0.00
9328.72	92.50	180.00	8741.49	-840.77	-851.34	3.00	0.00	840.77	0.00	Horz Land Pt.> 9329 MD- 8742 TVD
13324.25	92.50	180.00	8567.21	-4832.49	-851.34	0.00	0.00	4832.49	0.00	TD-PBHL> 13324 MD- 8567 TVD





Planning Report



<b>Database:</b>	EDM 5000.1 Lynn Db	<b>Local Co-ordinate Reference:</b>	Well FAUSETT 4-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>TVD Reference:</b>	WELL (5237'+ 18'= 5255'MSL) @ 5255.00usft (Pioneer 62 (KB=18'))
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 18'= 5255'MSL) @ 5255.00usft (Pioneer 62 (KB=18'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>North Reference:</b>	True
<b>Well:</b>	FAUSETT 4-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	4-13-3-2WH		
<b>Design:</b>	Fausett 4-13-3-2WH REV01		

<b>Project</b>	DUCHESNE COUNTY, UT (NAD 83),		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

<b>Site</b>	CENTRAL BASIN (NAD 83)		
<b>Site Position:</b>		<b>Northing:</b>	7,254,409.48 usft
<b>From:</b>	Lat/Long	<b>Easting:</b>	1,986,891.62 usft
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13-3/16 "
		<b>Latitude:</b>	40° 13' 43.080 N
		<b>Longitude:</b>	110° 15' 32.490 W
		<b>Grid Convergence:</b>	0.79 °

<b>Well</b>	FAUSETT 4-13-3-2WH		
<b>Well Position</b>	<b>+N-S</b>	586.94 usft	<b>Northing:</b> 7,255,760.77 usft
	<b>+E-W</b>	55,096.74 usft	<b>Easting:</b> 2,041,974.91 usft
<b>Position Uncertainty</b>	0.00 usft	<b>Wellhead Elevation:</b>	5,255.00 usft
		<b>Latitude:</b>	40° 13' 48.280 N
		<b>Longitude:</b>	110° 3' 42.070 W
		<b>Ground Level:</b>	5,237.00 usft

<b>Wellbore</b>	4-13-3-2WH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	3/14/2013	11.12	65.90	52,201

<b>Design</b>	Fausett 4-13-3-2WH REV01			
<b>Audit Notes:</b>				
<b>Version:</b>	REV01	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b> 0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N-S (usft)</b>	<b>+E-W (usft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	180.00

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	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	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,133.33	9.50	265.00	3,130.44	-4.57	-52.19	1.50	1.50	0.00	265.00	
7,654.85	9.50	265.00	7,589.94	-69.61	-795.61	0.00	0.00	0.00	0.00	
8,331.00	4.50	180.00	8,262.16	-101.08	-851.34	1.50	-0.74	-12.57	-153.65	
9,103.72	89.50	180.00	8,742.15	-615.80	-851.34	11.00	11.00	0.00	0.00	
9,228.72	89.50	180.00	8,743.24	-740.79	-851.34	0.00	0.00	0.00	0.00	
9,328.72	92.50	180.00	8,741.49	-840.77	-851.34	3.00	3.00	0.00	0.00	
13,324.25	92.50	180.00	8,567.21	-4,832.49	-851.34	0.00	0.00	0.00	0.00	TD-PBHL (4-13-3-2)



## Planning Report



<b>Database:</b>	EDM 5000.1 Lynn Db	<b>Local Co-ordinate Reference:</b>	Well FAUSETT 4-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>TVD Reference:</b>	WELL (5237'+ 18'= 5255'MSL) @ 5255.00usft (Pioneer 62 (KB=18'))
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 18'= 5255'MSL) @ 5255.00usft (Pioneer 62 (KB=18'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>North Reference:</b>	True
<b>Well:</b>	FAUSETT 4-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	4-13-3-2WH		
<b>Design:</b>	Fausett 4-13-3-2WH REV01		

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Nudge Build&gt; 1.50/100' MD- 2500' MD-TVD</b>									
2,600.00	1.50	265.00	2,599.99	-0.11	-1.30	0.11	1.50	1.50	0.00
2,700.00	3.00	265.00	2,699.91	-0.46	-5.21	0.46	1.50	1.50	0.00
2,800.00	4.50	265.00	2,799.69	-1.03	-11.73	1.03	1.50	1.50	0.00
2,900.00	6.00	265.00	2,899.27	-1.82	-20.85	1.82	1.50	1.50	0.00
3,000.00	7.50	265.00	2,998.57	-2.85	-32.55	2.85	1.50	1.50	0.00
3,100.00	9.00	265.00	3,097.54	-4.10	-46.85	4.10	1.50	1.50	0.00
3,133.33	9.50	265.00	3,130.44	-4.57	-52.19	4.57	1.50	1.50	0.00
<b>EOB-Tangent&gt; 4522 ft. at 3133 MD-3130 TVD</b>									
3,200.00	9.50	265.00	3,196.19	-5.52	-63.15	5.52	0.00	0.00	0.00
3,300.00	9.50	265.00	3,294.82	-6.96	-79.59	6.96	0.00	0.00	0.00
3,400.00	9.50	265.00	3,393.44	-8.40	-96.03	8.40	0.00	0.00	0.00
3,500.00	9.50	265.00	3,492.07	-9.84	-112.47	9.84	0.00	0.00	0.00
3,600.00	9.50	265.00	3,590.70	-11.28	-128.91	11.28	0.00	0.00	0.00
3,700.00	9.50	265.00	3,689.33	-12.72	-145.36	12.72	0.00	0.00	0.00
3,800.00	9.50	265.00	3,787.96	-14.16	-161.80	14.16	0.00	0.00	0.00
3,900.00	9.50	265.00	3,886.59	-15.59	-178.24	15.59	0.00	0.00	0.00
4,000.00	9.50	265.00	3,985.22	-17.03	-194.68	17.03	0.00	0.00	0.00
4,100.00	9.50	265.00	4,083.84	-18.47	-211.12	18.47	0.00	0.00	0.00
4,200.00	9.50	265.00	4,182.47	-19.91	-227.57	19.91	0.00	0.00	0.00
4,300.00	9.50	265.00	4,281.10	-21.35	-244.01	21.35	0.00	0.00	0.00
4,400.00	9.50	265.00	4,379.73	-22.79	-260.45	22.79	0.00	0.00	0.00
4,500.00	9.50	265.00	4,478.36	-24.22	-276.89	24.22	0.00	0.00	0.00
4,600.00	9.50	265.00	4,576.99	-25.66	-293.33	25.66	0.00	0.00	0.00
4,700.00	9.50	265.00	4,675.62	-27.10	-309.78	27.10	0.00	0.00	0.00
4,800.00	9.50	265.00	4,774.24	-28.54	-326.22	28.54	0.00	0.00	0.00



## Planning Report



<b>Database:</b>	EDM 5000.1 Lynn Db	<b>Local Co-ordinate Reference:</b>	Well FAUSETT 4-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>TVD Reference:</b>	WELL (5237'+ 18'= 5255'MSL) @ 5255.00usft (Pioneer 62 (KB=18'))
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 18'= 5255'MSL) @ 5255.00usft (Pioneer 62 (KB=18'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>North Reference:</b>	True
<b>Well:</b>	FAUSETT 4-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	4-13-3-2WH		
<b>Design:</b>	Fausett 4-13-3-2WH REV01		

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,900.00	9.50	265.00	4,872.87	-29.98	-342.66	29.98	0.00	0.00	0.00
5,000.00	9.50	265.00	4,971.50	-31.42	-359.10	31.42	0.00	0.00	0.00
5,100.00	9.50	265.00	5,070.13	-32.86	-375.54	32.86	0.00	0.00	0.00
5,200.00	9.50	265.00	5,168.76	-34.29	-391.99	34.29	0.00	0.00	0.00
5,300.00	9.50	265.00	5,267.39	-35.73	-408.43	35.73	0.00	0.00	0.00
5,400.00	9.50	265.00	5,366.02	-37.17	-424.87	37.17	0.00	0.00	0.00
5,500.00	9.50	265.00	5,464.64	-38.61	-441.31	38.61	0.00	0.00	0.00
5,600.00	9.50	265.00	5,563.27	-40.05	-457.75	40.05	0.00	0.00	0.00
5,700.00	9.50	265.00	5,661.90	-41.49	-474.20	41.49	0.00	0.00	0.00
5,800.00	9.50	265.00	5,760.53	-42.93	-490.64	42.93	0.00	0.00	0.00
5,900.00	9.50	265.00	5,859.16	-44.36	-507.08	44.36	0.00	0.00	0.00
6,000.00	9.50	265.00	5,957.79	-45.80	-523.52	45.80	0.00	0.00	0.00
6,100.00	9.50	265.00	6,056.42	-47.24	-539.96	47.24	0.00	0.00	0.00
6,200.00	9.50	265.00	6,155.04	-48.68	-556.41	48.68	0.00	0.00	0.00
6,300.00	9.50	265.00	6,253.67	-50.12	-572.85	50.12	0.00	0.00	0.00
6,400.00	9.50	265.00	6,352.30	-51.56	-589.29	51.56	0.00	0.00	0.00
6,500.00	9.50	265.00	6,450.93	-52.99	-605.73	52.99	0.00	0.00	0.00
6,600.00	9.50	265.00	6,549.56	-54.43	-622.17	54.43	0.00	0.00	0.00
6,700.00	9.50	265.00	6,648.19	-55.87	-638.62	55.87	0.00	0.00	0.00
6,800.00	9.50	265.00	6,746.82	-57.31	-655.06	57.31	0.00	0.00	0.00
6,900.00	9.50	265.00	6,845.44	-58.75	-671.50	58.75	0.00	0.00	0.00
7,000.00	9.50	265.00	6,944.07	-60.19	-687.94	60.19	0.00	0.00	0.00
7,100.00	9.50	265.00	7,042.70	-61.63	-704.38	61.63	0.00	0.00	0.00
7,200.00	9.50	265.00	7,141.33	-63.06	-720.83	63.06	0.00	0.00	0.00
7,300.00	9.50	265.00	7,239.96	-64.50	-737.27	64.50	0.00	0.00	0.00
7,400.00	9.50	265.00	7,338.59	-65.94	-753.71	65.94	0.00	0.00	0.00
7,500.00	9.50	265.00	7,437.22	-67.38	-770.15	67.38	0.00	0.00	0.00
7,600.00	9.50	265.00	7,535.84	-68.82	-786.59	68.82	0.00	0.00	0.00
7,654.85	9.50	265.00	7,589.94	-69.61	-795.61	69.61	0.00	0.00	0.00
<b>Turn-Drop DLS&gt; 1.50/100' MD-TFO -153.65</b>									
7,700.00	8.90	263.06	7,634.51	-70.35	-802.79	70.35	1.50	-1.33	-4.31
7,800.00	7.61	257.68	7,733.48	-72.70	-816.94	72.70	1.50	-1.29	-5.37
7,900.00	6.41	250.24	7,832.73	-76.00	-828.66	76.00	1.50	-1.20	-7.45
8,000.00	5.37	239.67	7,932.20	-80.26	-837.96	80.26	1.50	-1.04	-10.57
8,100.00	4.59	224.84	8,031.83	-85.46	-844.82	85.46	1.50	-0.78	-14.83
8,144.46	4.36	216.79	8,076.15	-88.07	-847.09	88.07	1.50	-0.51	-18.10
<b>B-Limestone</b>									
8,200.00	4.22	205.82	8,131.54	-91.60	-849.25	91.60	1.50	-0.27	-19.76
8,300.00	4.36	185.73	8,231.26	-98.69	-851.23	98.69	1.50	0.14	-20.09
8,331.00	4.50	180.00	8,262.16	-101.08	-851.34	101.08	1.50	0.47	-18.47
<b>Curve DLS&gt; 11.00/100 MD- TFO 0.00</b>									
8,350.00	6.59	180.00	8,281.08	-102.91	-851.34	102.91	11.00	11.00	0.00
8,394.69	11.51	180.00	8,325.20	-109.94	-851.34	109.94	11.00	11.00	0.00
<b>Lower Black Shale</b>									
8,400.00	12.09	180.00	8,330.40	-111.03	-851.34	111.03	11.00	11.00	0.00
8,450.00	17.59	180.00	8,378.71	-123.83	-851.34	123.83	11.00	11.00	0.00
8,479.08	20.79	180.00	8,406.18	-133.39	-851.34	133.39	11.00	11.00	0.00
<b>Castle Peak Limestone</b>									
8,500.00	23.09	180.00	8,425.58	-141.20	-851.34	141.20	11.00	11.00	0.00
8,550.00	28.59	180.00	8,470.56	-162.99	-851.34	162.99	11.00	11.00	0.00
8,600.00	34.09	180.00	8,513.25	-188.98	-851.34	188.98	11.00	11.00	0.00



## Planning Report



<b>Database:</b>	EDM 5000.1 Lynn Db	<b>Local Co-ordinate Reference:</b>	Well FAUSETT 4-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>TVD Reference:</b>	WELL (5237'+ 18'= 5255'MSL) @ 5255.00usft (Pioneer 62 (KB=18'))
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 18'= 5255'MSL) @ 5255.00usft (Pioneer 62 (KB=18'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>North Reference:</b>	True
<b>Well:</b>	FAUSETT 4-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	4-13-3-2WH		
<b>Design:</b>	Fausett 4-13-3-2WH REV01		

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,650.00	39.59	180.00	8,553.25	-218.95	-851.34	218.95	11.00	11.00	0.00	
8,684.97	43.44	180.00	8,579.43	-242.12	-851.34	242.12	11.00	11.00	0.00	
<b>CP LIMES_2</b>										
8,700.00	45.09	180.00	8,590.19	-252.61	-851.34	252.61	11.00	11.00	0.00	
8,750.00	50.59	180.00	8,623.74	-289.66	-851.34	289.66	11.00	11.00	0.00	
8,800.00	56.09	180.00	8,653.58	-329.76	-851.34	329.76	11.00	11.00	0.00	
8,850.00	61.59	180.00	8,679.44	-372.53	-851.34	372.53	11.00	11.00	0.00	
8,887.92	65.76	180.00	8,696.25	-406.51	-851.34	406.51	11.00	11.00	0.00	
<b>Uteland Butte - 7" Csg (8888'MD-8696'TVD)</b>										
8,900.00	67.09	180.00	8,701.08	-417.58	-851.34	417.58	11.00	11.00	0.00	
8,950.00	72.59	180.00	8,718.31	-464.50	-851.34	464.50	11.00	11.00	0.00	
9,000.00	78.09	180.00	8,730.96	-512.85	-851.34	512.85	11.00	11.00	0.00	
9,050.00	83.59	180.00	8,738.91	-562.20	-851.34	562.20	11.00	11.00	0.00	
9,077.48	86.61	180.00	8,741.26	-589.57	-851.34	589.57	11.00	11.00	0.00	
<b>Uteland Butte "C"</b>										
9,103.72	89.50	180.00	8,742.15	-615.80	-851.34	615.80	11.00	11.00	0.00	
<b>Land Pt.&gt; 89.50 Angle at 9104 MD- 8742 TVD</b>										
9,200.00	89.50	180.00	8,742.99	-712.07	-851.34	712.07	0.00	0.00	0.00	
9,228.72	89.50	180.00	8,743.24	-740.79	-851.34	740.79	0.00	0.00	0.00	
<b>Curve DLS&gt; 3.00/100 MD- TFO 0.00</b>										
9,300.00	91.64	180.00	8,742.53	-812.06	-851.34	812.06	3.00	3.00	0.00	
9,300.90	91.67	180.00	8,742.51	-812.96	-851.34	812.96	3.00	3.00	0.00	
<b>Uteland Butte "C" Top Porosity</b>										
9,328.72	92.50	180.00	8,741.49	-840.77	-851.34	840.77	3.00	3.00	0.00	
<b>Horz Land Pt.&gt; 9329 MD- 8742 TVD</b>										
9,400.00	92.50	180.00	8,738.39	-911.98	-851.34	911.98	0.00	0.00	0.00	
9,500.00	92.50	180.00	8,734.02	-1,011.88	-851.34	1,011.88	0.00	0.00	0.00	
9,600.00	92.50	180.00	8,729.66	-1,111.79	-851.34	1,111.79	0.00	0.00	0.00	
9,700.00	92.50	180.00	8,725.30	-1,211.69	-851.34	1,211.69	0.00	0.00	0.00	
9,800.00	92.50	180.00	8,720.94	-1,311.59	-851.34	1,311.59	0.00	0.00	0.00	
9,900.00	92.50	180.00	8,716.58	-1,411.50	-851.34	1,411.50	0.00	0.00	0.00	
10,000.00	92.50	180.00	8,712.21	-1,511.40	-851.34	1,511.40	0.00	0.00	0.00	
10,100.00	92.50	180.00	8,707.85	-1,611.31	-851.34	1,611.31	0.00	0.00	0.00	
10,200.00	92.50	180.00	8,703.49	-1,711.21	-851.34	1,711.21	0.00	0.00	0.00	
10,300.00	92.50	180.00	8,699.13	-1,811.12	-851.34	1,811.12	0.00	0.00	0.00	
10,400.00	92.50	180.00	8,694.77	-1,911.02	-851.34	1,911.02	0.00	0.00	0.00	
10,500.00	92.50	180.00	8,690.40	-2,010.93	-851.34	2,010.93	0.00	0.00	0.00	
10,600.00	92.50	180.00	8,686.04	-2,110.83	-851.34	2,110.83	0.00	0.00	0.00	
10,700.00	92.50	180.00	8,681.68	-2,210.74	-851.34	2,210.74	0.00	0.00	0.00	
10,800.00	92.50	180.00	8,677.32	-2,310.64	-851.34	2,310.64	0.00	0.00	0.00	
10,900.00	92.50	180.00	8,672.96	-2,410.55	-851.34	2,410.55	0.00	0.00	0.00	
11,000.00	92.50	180.00	8,668.59	-2,510.45	-851.34	2,510.45	0.00	0.00	0.00	
11,100.00	92.50	180.00	8,664.23	-2,610.36	-851.34	2,610.36	0.00	0.00	0.00	
11,200.00	92.50	180.00	8,659.87	-2,710.26	-851.34	2,710.26	0.00	0.00	0.00	
11,300.00	92.50	180.00	8,655.51	-2,810.17	-851.34	2,810.17	0.00	0.00	0.00	
11,400.00	92.50	180.00	8,651.15	-2,910.07	-851.34	2,910.07	0.00	0.00	0.00	
11,500.00	92.50	180.00	8,646.78	-3,009.98	-851.34	3,009.98	0.00	0.00	0.00	
11,600.00	92.50	180.00	8,642.42	-3,109.88	-851.34	3,109.88	0.00	0.00	0.00	
11,700.00	92.50	180.00	8,638.06	-3,209.79	-851.34	3,209.79	0.00	0.00	0.00	
11,800.00	92.50	180.00	8,633.70	-3,309.69	-851.34	3,309.69	0.00	0.00	0.00	
11,900.00	92.50	180.00	8,629.34	-3,409.60	-851.34	3,409.60	0.00	0.00	0.00	



## Planning Report



<b>Database:</b>	EDM 5000.1 Lynn Db	<b>Local Co-ordinate Reference:</b>	Well FAUSETT 4-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>TVD Reference:</b>	WELL (5237'+ 18'= 5255'MSL) @ 5255.00usft (Pioneer 62 (KB=18'))
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 18'= 5255'MSL) @ 5255.00usft (Pioneer 62 (KB=18'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>North Reference:</b>	True
<b>Well:</b>	FAUSETT 4-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	4-13-3-2WH		
<b>Design:</b>	Fausett 4-13-3-2WH REV01		

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,000.00	92.50	180.00	8,624.97	-3,509.50	-851.34	3,509.50	0.00	0.00	0.00
12,100.00	92.50	180.00	8,620.61	-3,609.41	-851.34	3,609.41	0.00	0.00	0.00
12,200.00	92.50	180.00	8,616.25	-3,709.31	-851.34	3,709.31	0.00	0.00	0.00
12,300.00	92.50	180.00	8,611.89	-3,809.22	-851.34	3,809.22	0.00	0.00	0.00
12,400.00	92.50	180.00	8,607.53	-3,909.12	-851.34	3,909.12	0.00	0.00	0.00
12,500.00	92.50	180.00	8,603.17	-4,009.03	-851.34	4,009.03	0.00	0.00	0.00
12,600.00	92.50	180.00	8,598.80	-4,108.93	-851.34	4,108.93	0.00	0.00	0.00
12,700.00	92.50	180.00	8,594.44	-4,208.83	-851.34	4,208.83	0.00	0.00	0.00
12,800.00	92.50	180.00	8,590.08	-4,308.74	-851.34	4,308.74	0.00	0.00	0.00
12,900.00	92.50	180.00	8,585.72	-4,408.64	-851.34	4,408.64	0.00	0.00	0.00
13,000.00	92.50	180.00	8,581.36	-4,508.55	-851.34	4,508.55	0.00	0.00	0.00
13,100.00	92.50	180.00	8,576.99	-4,608.45	-851.34	4,608.45	0.00	0.00	0.00
13,200.00	92.50	180.00	8,572.63	-4,708.36	-851.34	4,708.36	0.00	0.00	0.00
13,300.00	92.50	180.00	8,568.27	-4,808.26	-851.34	4,808.26	0.00	0.00	0.00
13,324.25	92.50	180.00	8,567.21	-4,832.49	-851.34	4,832.49	0.00	0.00	0.00

TD-PBHL&gt; 13324 MD- 8567 TVD

## Design Targets

## Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N-S (usft)	+E-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SEC. 13, T3S-R2W, - plan misses target center by 1573.68usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)	0.00	0.00	0.00	-185.11	-1,562.75	7,255,550.55	2,040,415.34	40° 13' 46.450 N	110° 4' 2.220 W
- Polygon									
Point 1			0.00	0.00	0.00	7,255,550.55	2,040,415.34		
Point 2			0.00	28.85	2,617.14	7,255,621.48	2,043,031.67		
Point 3			0.00	10.34	5,259.06	7,255,645.46	2,045,673.55		
Point 4			0.00	-2,636.98	5,223.32	7,252,997.90	2,045,680.38		
Point 5			0.00	-3,960.59	5,207.99	7,251,674.22	2,045,686.34		
Point 6			0.00	-5,282.73	5,279.23	7,250,353.39	2,045,778.83		
Point 7			0.00	-5,310.27	8.98	7,250,241.11	2,040,509.70		
Point 8			0.00	0.00	0.00	7,255,550.55	2,040,415.34		
SEC. 13, T3S-R2W, 6 - plan misses target center by 1235.20usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)	0.00	0.00	0.00	-843.87	-902.00	7,254,902.50	2,041,086.60	40° 13' 39.940 N	110° 3' 53.700 W
- Polygon									
Point 1			0.00	0.00	0.00	7,254,902.50	2,041,086.60		
Point 2			0.00	7.26	3,939.94	7,254,973.12	2,045,025.91		
Point 3			0.00	-1,981.07	3,943.28	7,252,985.10	2,045,061.22		
Point 4			0.00	-3,968.36	3,955.16	7,250,998.25	2,045,105.06		
Point 5			0.00	-3,988.78	6.84	7,250,914.35	2,041,157.57		
Point 6			0.00	0.00	0.00	7,254,902.50	2,041,086.60		
TD-PBHL (4-13-3-2W - plan misses target center by 0.69usft at 13324.25usft MD (8567.21 TVD, -4832.49 N, -851.34 E)	0.00	0.00	8,567.00	-4,832.49	-852.00	7,250,915.21	2,041,200.73	40° 13' 0.522 N	110° 3' 53.054 W
- Point									



## Planning Report



<b>Database:</b>	EDM 5000.1 Lynn Db	<b>Local Co-ordinate Reference:</b>	Well FAUSETT 4-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>TVD Reference:</b>	WELL (5237'+ 18'= 5255'MSL) @ 5255.00usft (Pioneer 62 (KB=18'))
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 18'= 5255'MSL) @ 5255.00usft (Pioneer 62 (KB=18'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>North Reference:</b>	True
<b>Well:</b>	FAUSETT 4-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	4-13-3-2WH		
<b>Design:</b>	Fausett 4-13-3-2WH REV01		

## Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
8,887.92	8,696.25	7" Csg (8888'MD-8696'TVD)	7	8-3/4

## Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
8,144.46	8,076.15	B-Limestone		-2.50	180.00
8,394.69	8,325.20	Lower Black Shale		-2.50	180.00
8,479.08	8,406.18	Castle Peak Limestone		-2.50	180.00
8,684.97	8,579.43	CP_LIMES_2		-2.50	180.00
8,887.92	8,696.25	Uteland Butte		-2.50	180.00
9,077.48	8,741.26	Uteland Butte "C"		-2.50	180.00
9,300.90	8,742.51	Uteland Butte "C" Top Porosity		-2.50	180.00

## Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,500.00	2,500.00	0.00	0.00	Nudge Build> 1.50/100' MD- 2500' MD-TVD
3,133.33	3,130.44	-4.57	-52.19	EOB-Tangent> 4522 ft. at 3133 MD-3130 TVD
7,654.85	7,589.94	-69.61	-795.61	Turn-Drop DLS> 1.50/100' MD-TFO -153.65
8,331.00	8,262.16	-101.08	-851.34	Curve DLS> 11.00/100 MD- TFO 0.00
9,103.72	8,742.15	-615.80	-851.34	Land Pt.> 89.50 Angle at 9104 MD- 8742 TVD
9,228.72	8,743.24	-740.79	-851.34	Curve DLS> 3.00/100 MD- TFO 0.00
9,328.72	8,741.49	-840.77	-851.34	Horz Land Pt.> 9329 MD- 8742 TVD
13,324.25	8,567.21	-4,832.49	-851.34	TD-PBHL> 13324 MD- 8567 TVD

# NEWFIELD EXPLORATION COMPANY

## LOCATION LAYOUT FOR

#4-13-3-2WH

SECTION 12, T3S, R2W, U.S.B.&M.

201' FSL 1575' FWL

**FIGURE #1**

SCALE: 1" = 60'

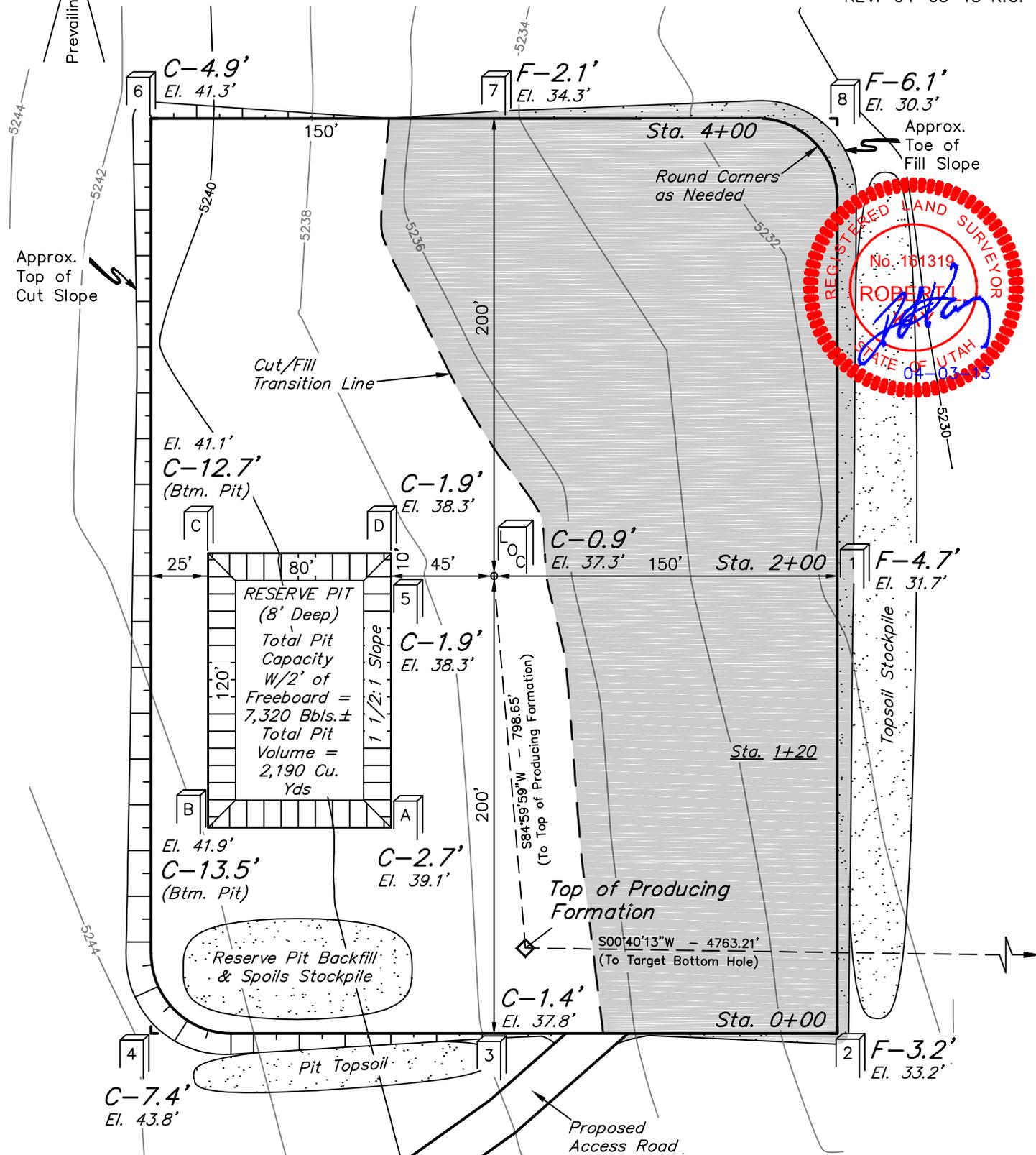
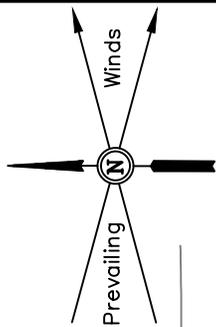
DATE: 05-22-12

DRAWN BY: J.J.

REV: 08-30-12 S.F.

REV: 03-27-13 K.O.

REV: 04-03-13 K.O.



Elev. Ungraded Ground At Loc. Stake = 5237.3'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5236.4'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

RECEIVED: Sep. 03, 2013

**NEWFIELD EXPLORATION COMPANY**

**TYPICAL CROSS SECTIONS FOR**

**#4-13-3-2WH**

**SECTION 12, T3S, R2W, U.S.B.&M.**

**201' FSL 1575' FWL**

**FIGURE #2**

DATE: 05-22-12

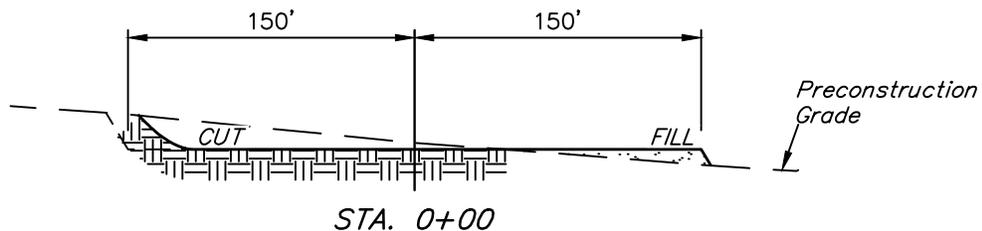
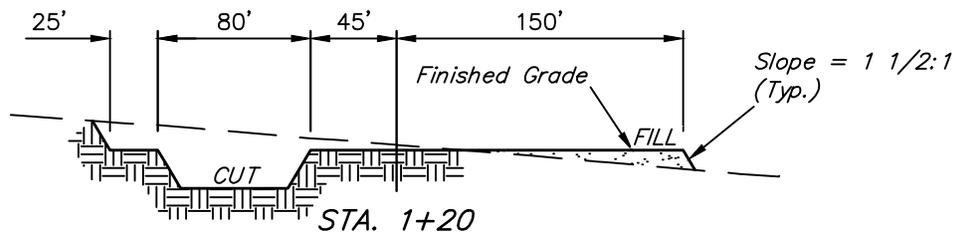
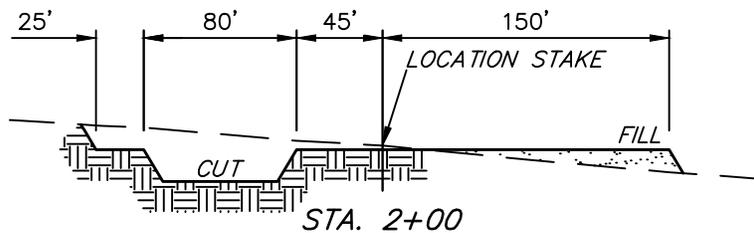
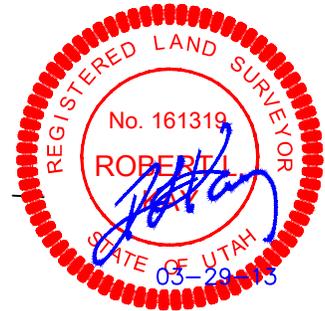
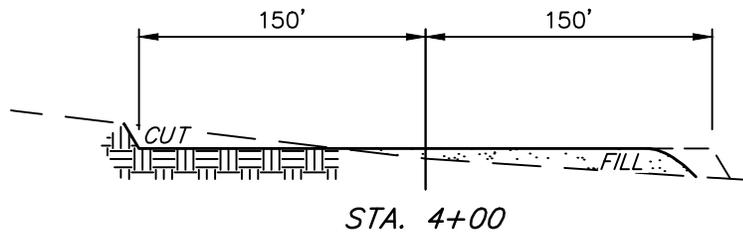
DRAWN BY: J.J.

REV: 06-07-12 K.O.

REV: 08-30-12 S.F.

REV: 03-27-13 K.O.

1" = 40'  
X-Section Scale  
1" = 100'



**NOTE:**

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

**APPROXIMATE ACREAGES**

WELL SITE DISTURBANCE = ± 4.591 ACRES  
ACCESS ROAD DISTURBANCE = ± 1.054 ACRES  
PIPELINE DISTURBANCE = ± 0.598 ACRES  
TOTAL = ± 6.243 ACRES

\* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

(6") Topsoil Stripping = 2,370 Cu. Yds.  
Remaining Location = 7,730 Cu. Yds.  
TOTAL CUT = 10,100 CU. YDS.  
FILL = 6,630 CU. YDS.

EXCESS MATERIAL = 3,470 Cu. Yds.  
Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,470 Cu. Yds.  
EXCESS UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# NEWFIELD EXPLORATION COMPANY

## TYPICAL RIG LAYOUT FOR

#4-13-3-2WH

SECTION 12, T3S, R2W, U.S.B.&M.

201' FSL 1575' FWL

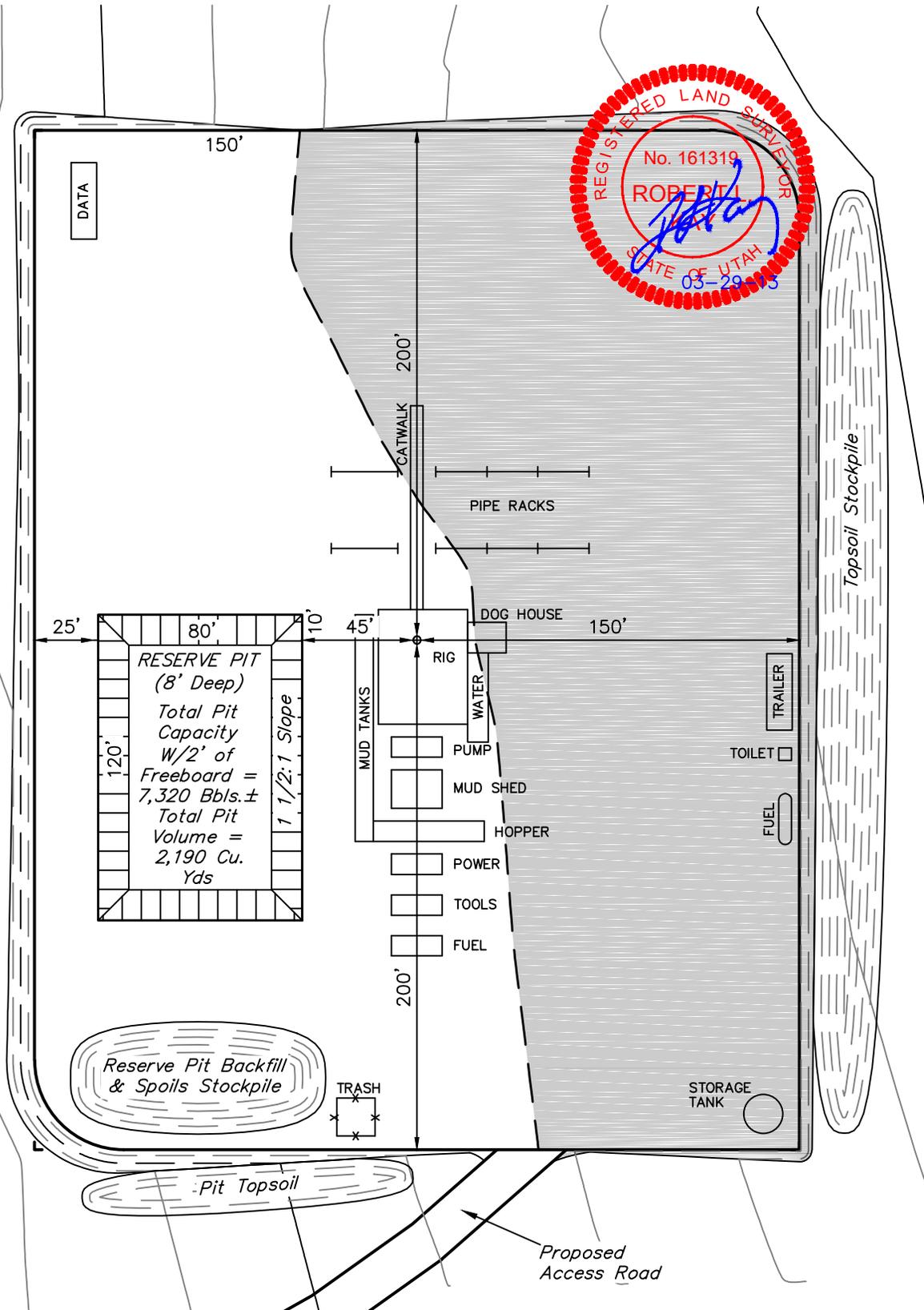
FIGURE #3

SCALE: 1" = 60'

DATE: 05-22-12

DRAWN BY: J.J.

REV: 03-27-13 K.O.



# NEWFIELD EXPLORATION COMPANY

## PRODUCTION FACILITY LAYOUT FOR

#4-13-3-2WH

SECTION 12, T3S, R2W, U.S.B.&M.

201' FSL 1575' FWL

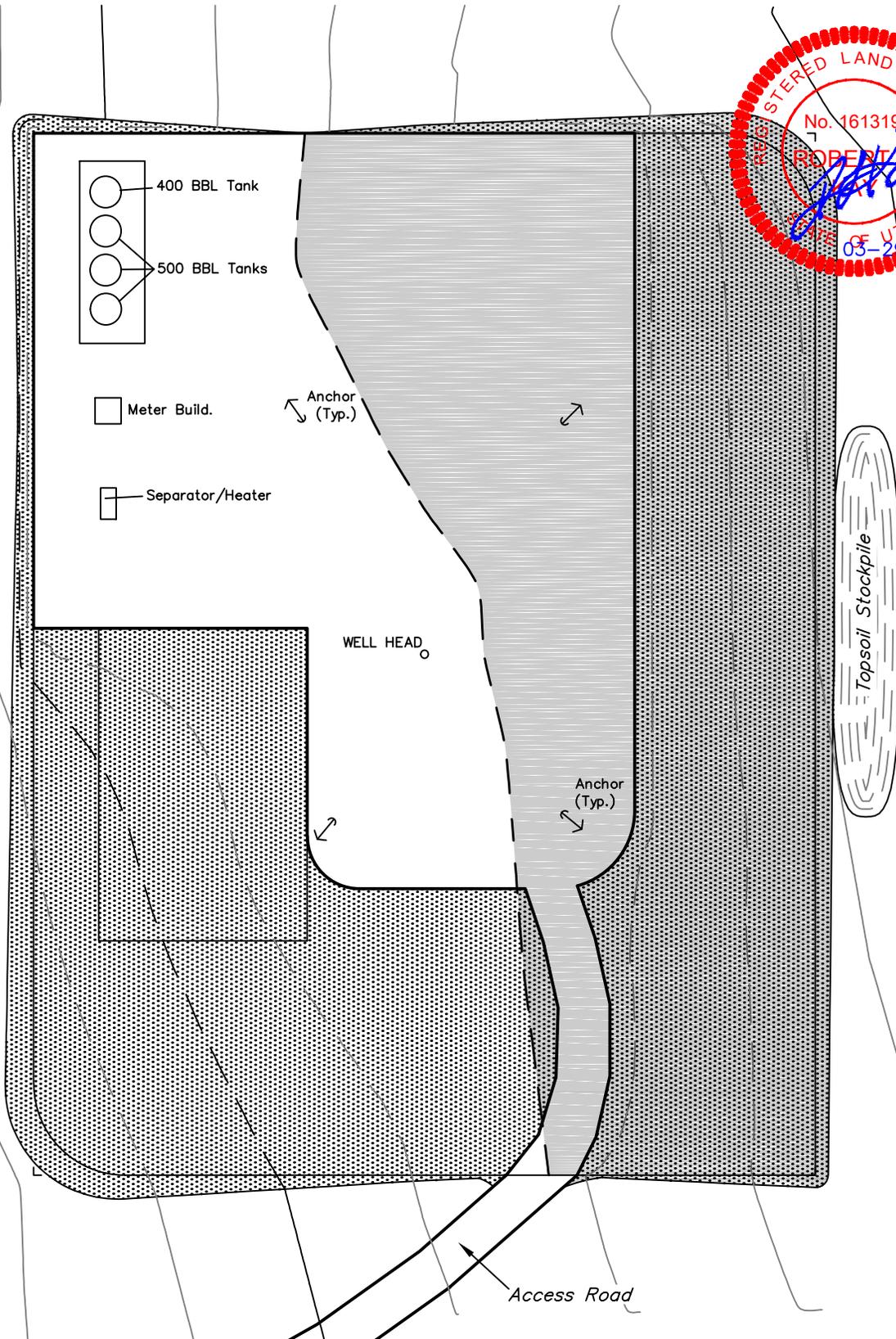
**FIGURE #4**

SCALE: 1" = 60'

DATE: 05-22-12

DRAWN BY: J.J.

REV: 03-27-13 K.O.

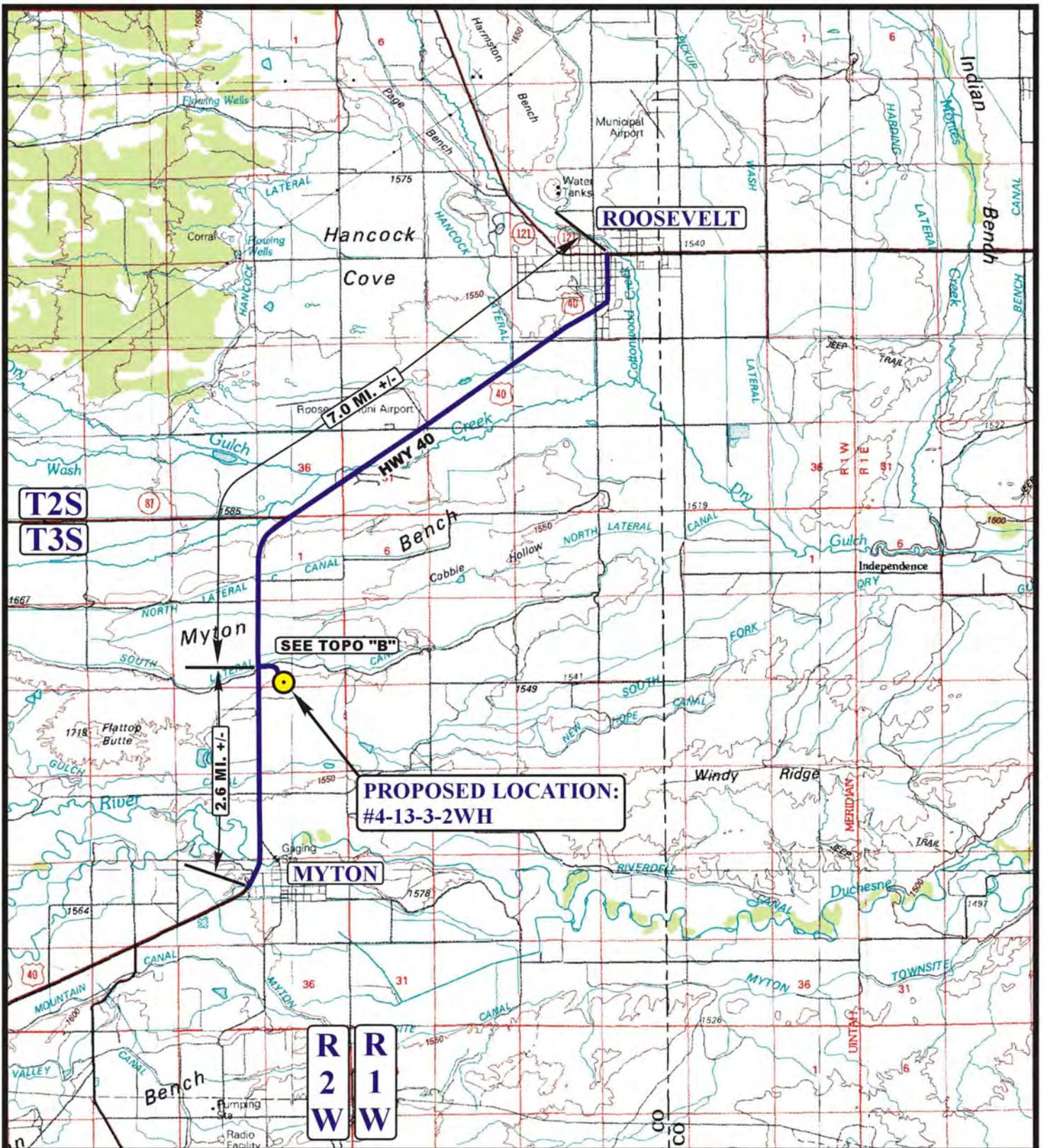


RECLAIMED AREA

APPROXIMATE ACREAGES  
UN-RECLAIMED = ± 1.342 ACRES

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

RECEIVED: Sep. 03, 2013



**LEGEND:**

 PROPOSED LOCATION

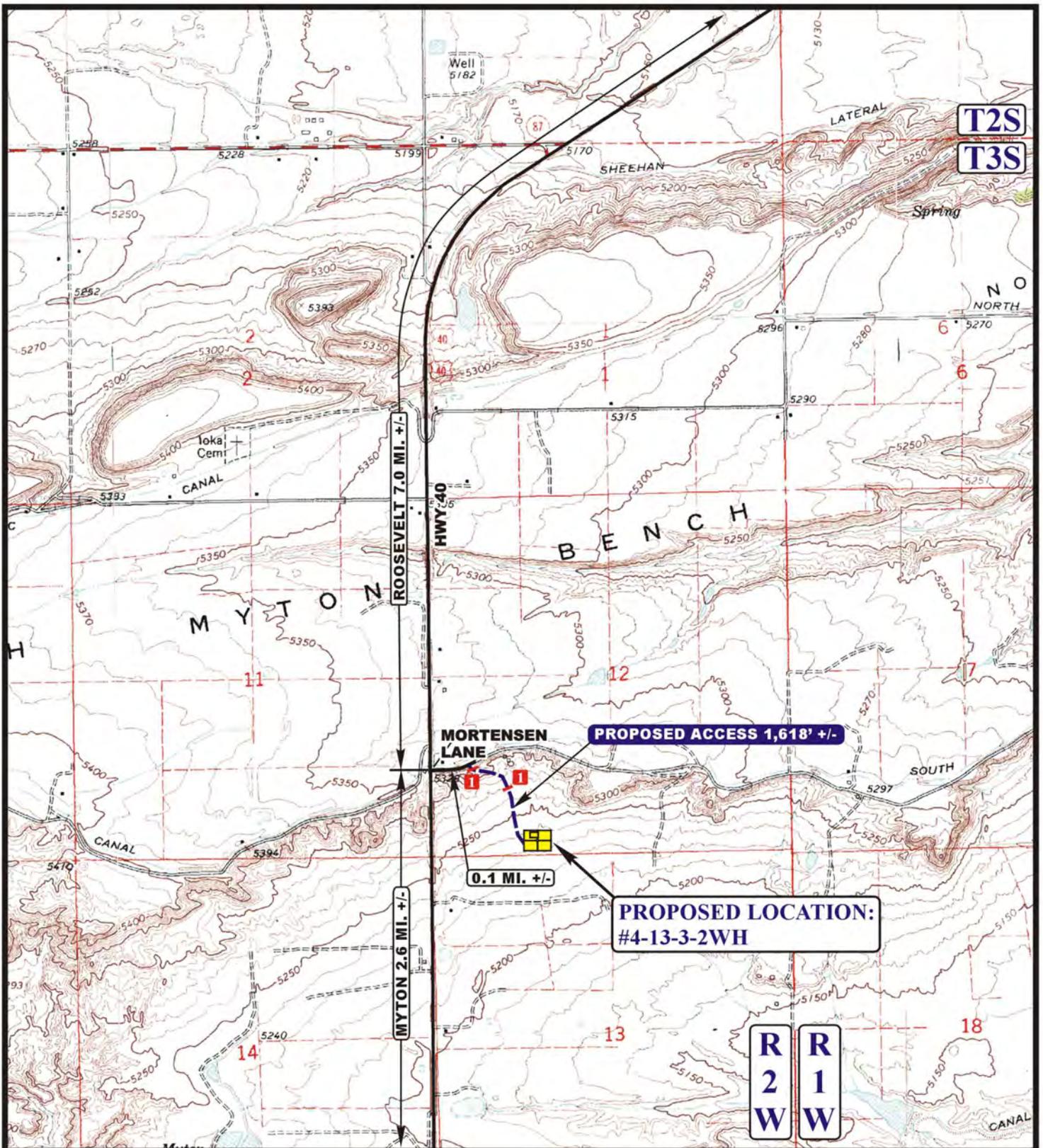


**NEWFIELD EXPLORATION COMPANY**

#4-13-3-2WH  
SECTION 12, T3S, R2W, U.S.B.&M.  
201' FSL 1575' FWL

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

<b>ACCESS ROAD MAP</b>	<b>05</b>	<b>24</b>	<b>12</b>	<b>A</b> <b>TOPO</b>
	MONTH	DAY	YEAR	
SCALE: 1:100,000	DRAWN BY: A.T.		REVISED: 03-28-13	



**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- 18" CMP REQUIRED

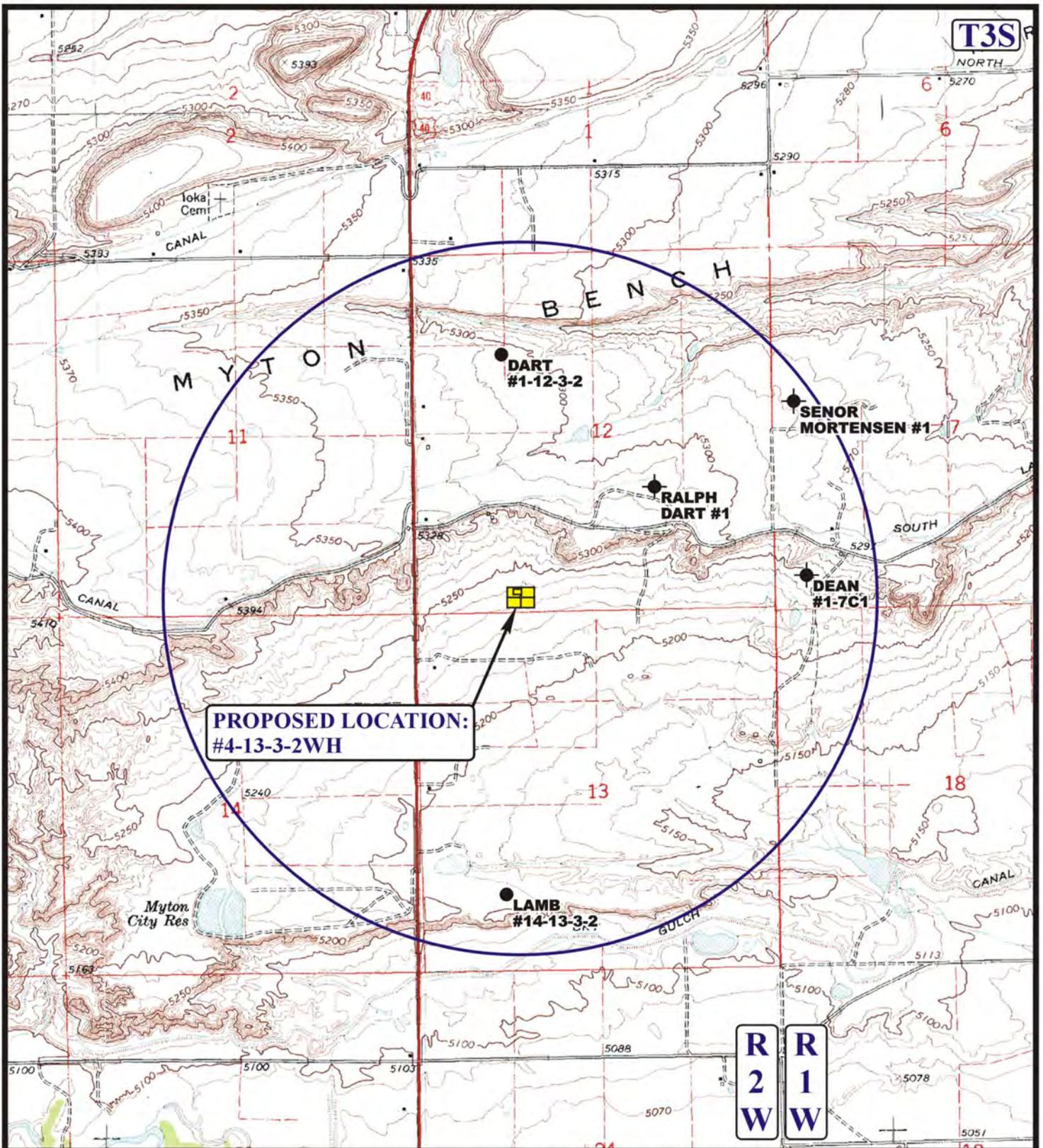
**NEWFIELD EXPLORATION COMPANY**

#4-13-3-2WH  
 SECTION 12, T3S, R2W, U.S.B.&M.  
 201' FSL 1575' FWL

**UELS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



<b>ACCESS ROAD MAP</b>	<b>05</b>	<b>24</b>	<b>12</b>	<b>B TOPO</b>
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: A.T.		REVISED: 03-28-13	



**PROPOSED LOCATION:  
#4-13-3-2WH**

**LEGEND:**

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

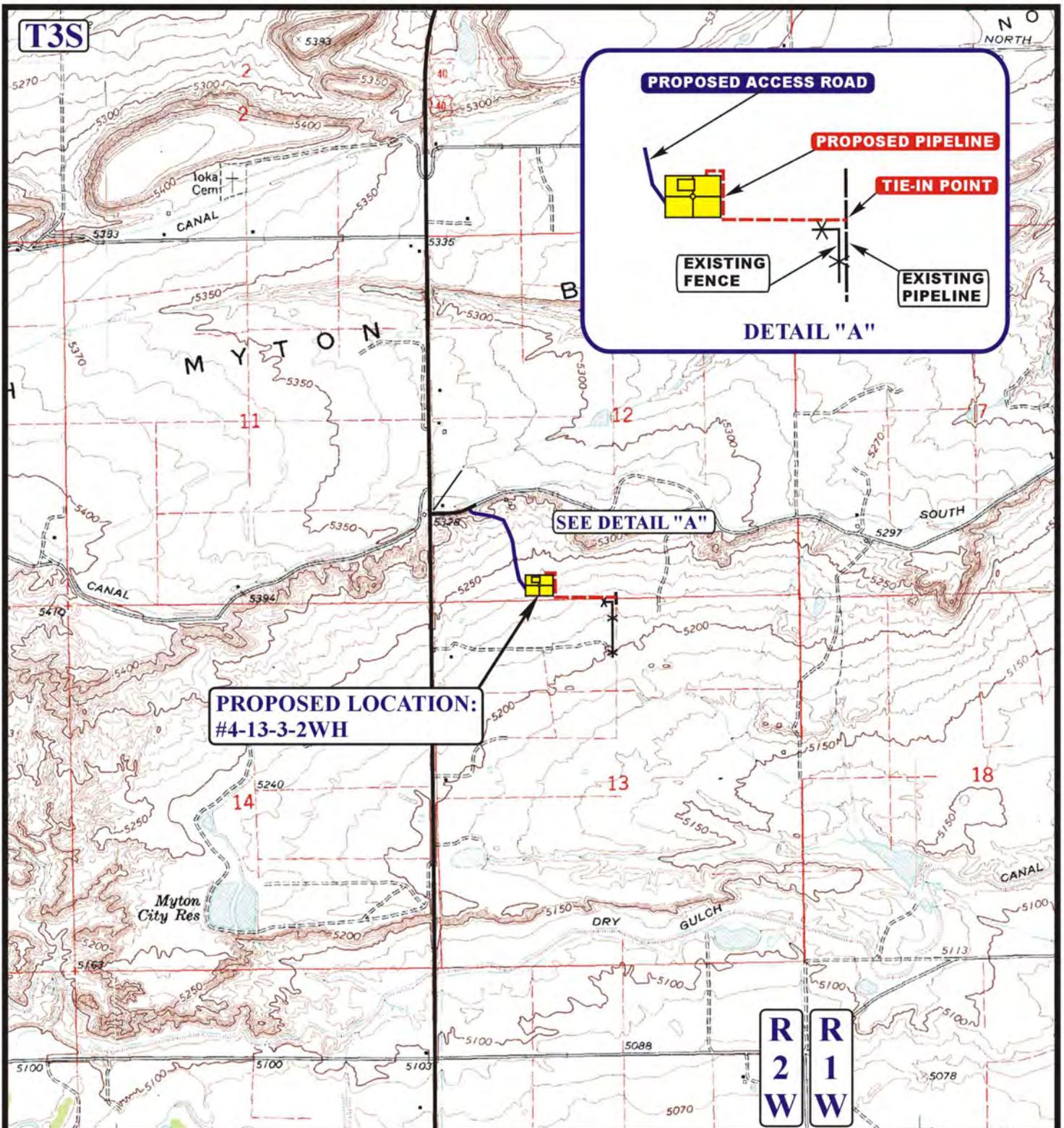
**NEWFIELD EXPLORATION COMPANY**

**#4-13-3-2WH**  
**SECTION 12, T3S, R2W, U.S.B.&M.**  
**201' FSL 1575' FWL**

**UELS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP** 05 24 12  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: A.T. REVISED: 03-28-13 **C TOPO**





**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,369' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- EXISTING FENCE

**NEWFIELD EXPLORATION COMPANY**

#4-13-3-2WH  
 SECTION 12, T3S, R2W, U.S.B.&M.  
 201' FSL 1575' FWL



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP** 06 05 12  
 MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: C.I. REV: 03-28-13 A.T.



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

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

1. My name is Peter Burns. I am a Landman for Newfield Production Company, whose address is 1001 17<sup>th</sup> Street, Suite 2000, Denver, CO 80202 (“Newfield”).
2. Newfield is the Operator of the proposed Fausett 4-13-3-2WH well with a surface location to be positioned in the SESW of Section 12, Township 3 South, Range 2 West (the “Drillsite Location”), with the well bore traversing through the SWSW of Section 12, Township 3 South, Range 2 West and entering the producing interval in the NWNW of Section 13, Township 3 South, Range 2 West with a bottom hole location to be positioned in the SWSW of Section 13, Township 3 South, Range 2 West, Duchesne County, Utah. The surface owner of the Drillsite Location is William M. Fausett whose address is RR 3 Box 3619, Myton, UT 84052 (“Surface Owner”).
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated May 18, 2012 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

\_\_\_\_\_  
Peter Burns

ACKNOWLEDGEMENT

STATE OF COLORADO           §  
  §  
COUNTY OF DENVER           §

Before me, a Notary Public, in and for the State, on this 4th day of April, 2013, personally appeared Peter Burns, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

  
\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires:



**NEWFIELD**



April 5, 2013

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

**Newfield Exploration Company**  
1001 17th Street | Suite 2000  
Denver, Colorado 80202  
PH 303-893-0102 | FAX 303-893-0103

RE: **Fausett 4-13-3-2WH**  
Section 13, T3S, R2W  
Duchesne County, Utah

Dear Brad,

Newfield Production Company proposes to drill the Fausett 4-13-3-2WH from a surface location of 201' FSL & 1575' FWL of Section 12, T3S, R2W. Newfield shall case and cement the Fausett 4-13-3-2WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL & 660' FWL of Section 13, T3S, R2W. The cased and cemented portion of the wellbore shall not be perforated nor produced. Newfield is the owner of 99.69% working interest in the northern offset drilling and spacing unit (Section 12, T3S-R2W) in which Newfield is the operator of the Dart 1-12-3-2W. 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.

The proposed horizontal lateral of the Fausett 4-13-3-2WH shall be drilled from North to South along the 660' FWL of Section 13 legal setback to a bottom hole location 702' FWL & 660' FSL of Section 13 and inasmuch portions of the wellbore will be closer than 1320' from the existing Lamb 14-13-3-2W wellbore. Please be advised that the Lamb 14-13-3-2W has not been, and shall not be completed in the Uteland Butte, and the Fausett 4-13-3-2WH shall only be completed in the Uteland Butte. In the event the horizontal lateral drifts West and portions of the wellbore exist beyond the 660' FWL legal setback, Newfield will attempt to acquire consent from all owners in Section 14 in which Newfield and its partner own 95.98% WI and Newfield is the operator of the Mullins 11-14-3-2W well.

Due to these circumstances, Newfield respectfully requests that DOGM administratively grant an exception location for the Fausett 4-13-3-2WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-383-4197 or by email at [sgillespie@newfield.com](mailto:sgillespie@newfield.com). Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in blue ink, appearing to read "Shane Gillespie".

Shane Gillespie  
Landman

RECEIVED: Sep. 03, 2013

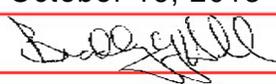
<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FAUSETT 4-13-3-2WH
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013516140000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0201 FSL 1575 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 12 Township: 03.0S Range: 02.0W Meridian: U	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/1/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield proposes to extend the Application for Permit to Drill this well.

**Approved by the Utah Division of Oil, Gas and Mining**  
**Date:** October 16, 2013  
**By:** 

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 10/9/2013	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43013516140000**

API: 43013516140000

Well Name: FAUSETT 4-13-3-2WH

Location: 0201 FSL 1575 FWL QTR SESW SEC 12 TWNP 030S RNG 020W MER U

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 11/1/2012

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
- Has the approved source of water for drilling changed?  Yes  No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
- Is bonding still in place, which covers this proposed well?  Yes  No

Signature: Mandie Crozier

Date: 10/9/2013

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Patented
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> FAUSETT 4-13-3-2WH
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013516140000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0201 FSL 1575 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 12 Township: 03.0S Range: 02.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 11/2/2013	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Pete Martin Rig #16 spudded 26" hole on 11/02/2013 and drilled to 60' GL. Set 20", 52.78# (0.250" wall), SA53B conductor pipe at 60' GL and cemented to surface with Redi Mix. Kylan Cook notified UDOGM and BLM by e-mail @ 11:30 AM on 11/01/2013 to spud conductor hole on 11/02/2013.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
November 05, 2013**

<b>NAME (PLEASE PRINT)</b> Cherei Neilson	<b>PHONE NUMBER</b> 435 646-4883	<b>TITLE</b> Drilling Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/5/2013	

NEWFIELD

## Casing

Conductor

Legal Well Name Fausett 4-13-3-2WH		Wellbore Name Original Hole		
API/UWI 43013516140000	Surface Legal Location SESW 201FSL 1575FWL Sec12 T3S R2W	Field Name UINTA CB - UTELAND BUTTE	Well Type Development	Well Configuration Type Horizontal
Well RC 500340518	County Duchesne	State/Province Utah	Spud Date	Final Rig Release Date

<b>Wellbore</b>					
Wellbore Name Original Hole			Kick Off Depth (ftKB)		
Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	26	0	60	11/2/2013	11/2/2013

<b>Wellhead</b>				
Type	Install Date	Service	Comment	

<b>Wellhead Components</b>				
Des	Make	Model	SN	WP Top (psi)

<b>Casing</b>				
Casing Description Conductor	Set Depth (ftKB) 60	Run Date 11/2/2013	Set Tension (kips)	
Centralizers	Scratchers			

<b>Casing Components</b>												
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Conductor Pipe	20	19.500	52.78	SA53B	Welded	2	60.00	0.0	60.0			

<b>Jewelry Details</b>									
<b>External Casing Packer</b>									
Type	Setting Requirement	Release Requirements			Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)		
Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)		

<b>Slotted Liner</b>							
% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)	
Slot Description	Slot Pattern		Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)	

<b>Liner Hanger</b>						
Retrievable?	Elastomer Type	Element Center Depth (ft)		Polish Bore Size (in)	Polish Bore Length (ft)	
Slip Description				Set Mechanics		
Setting Procedure						
Unsetting Procedure						

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pete Martin Rig #16  
Submitted By Kylan Cook Phone Number 435-790-8236  
Well Name/Number Fausett 4-13-3-2WH  
Qtr/Qtr SE/SW Section 12 Township 3S Range 2W  
Lease Serial Number Patented  
API Number 43-013-51614

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

Date/Time 11/02/2013 10:00 AM  PM

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

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

Date/Time \_\_\_\_\_ AM  PM

BOPE

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

RECEIVED  
NOV 02 2013  
DIV. OF OIL, GAS & MINING

Date/Time \_\_\_\_\_ AM  PM

Remarks \_\_\_\_\_

---

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: FAUSETT 4-13-3-2WH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0201 FSL 1575 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 12 Township: 03.0S Range: 02.0W Meridian: U	9. API NUMBER: 43013516140000
PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: DUCHESNE	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/14/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield is submitting a Sundry Notice changing the top production from 660' FNL and 660' FWL to 330' FNL to 660' FWL and bottom-hole location from 660' FSL and 660' FWL to 330' FSL and 660' FWL of Section 13, T3S-R2W; with casing and cement to be installed from the surface location to the point at which the well bore reaches 660' FNL and 660' FWL of Section 13, T3S-R2W. The cased and cemented portion of the lateral existing from the surface location to 330' FNL shall be neither perforated nor produced. -----Board Cause No. 139-112, approved December 23, 2013-----DKD

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

**Date:** December 30, 2013

**By:** *Don Hamilton*

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent
SIGNATURE N/A	DATE 10/28/2013	



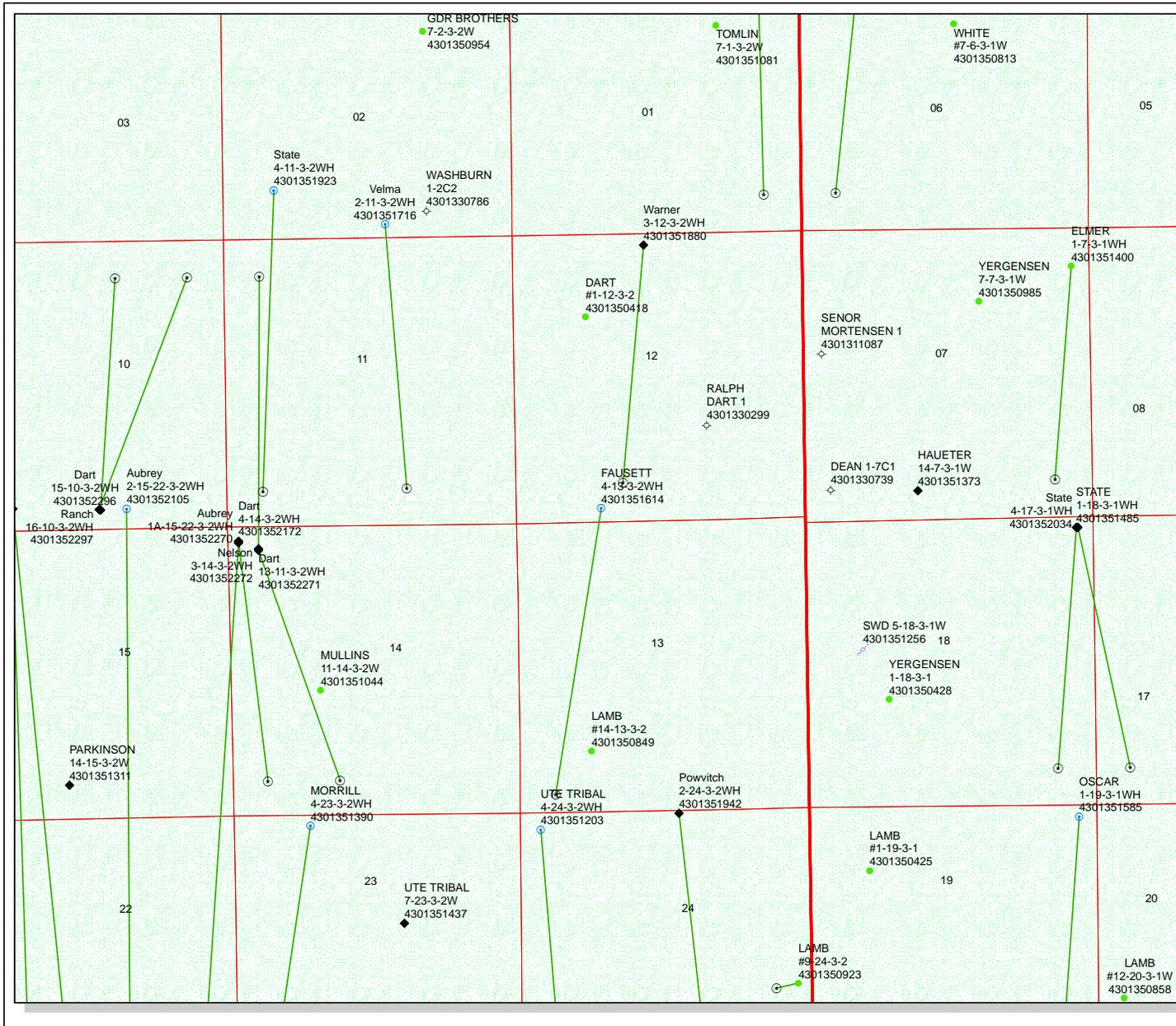
**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43013516140000**

**Authorization: Board Cause No. 139-112, Order signed December 23, 2013.**



API Number: 4301351614

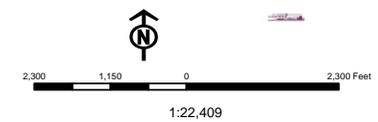
Well Name: FAUSETT 4-13-3-2WH

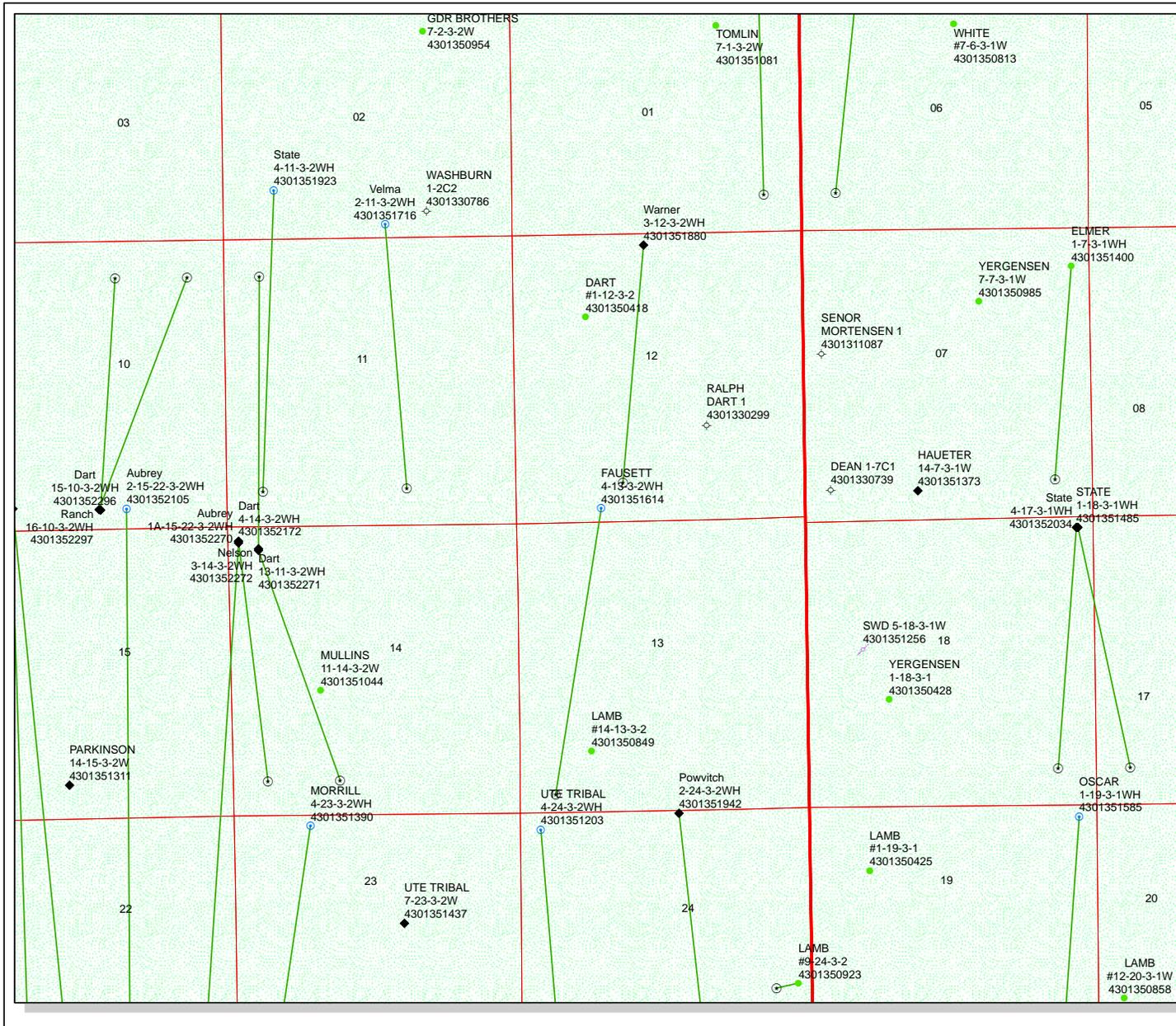
Township: T03.0S Range: R02.0W Section: 12 Meridian: U

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared: 12/27/2013  
Map Produced by Diana Mason

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





API Number: 4301351614

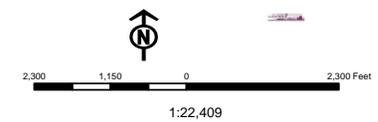
Well Name: FAUSETT 4-13-3-2WH

Township: T03.0S Range: R02.0W Section: 12 Meridian: U

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared: 12/27/2013  
Map Produced by Diana Mason

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



# T3S, R2W, U.S.B.&M.

## NEWFIELD EXPLORATION COMPANY

Well location, #4-13-3-2WH (SURFACE LOCATION), located as shown in the SE 1/4 SW 1/4 of Section 12, T3S, R2W, U.S.B.&M., Duchesne County, Utah.

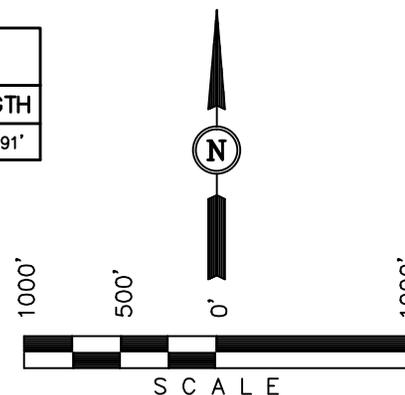
### BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S59°43'57"W	1057.91'



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAN 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.



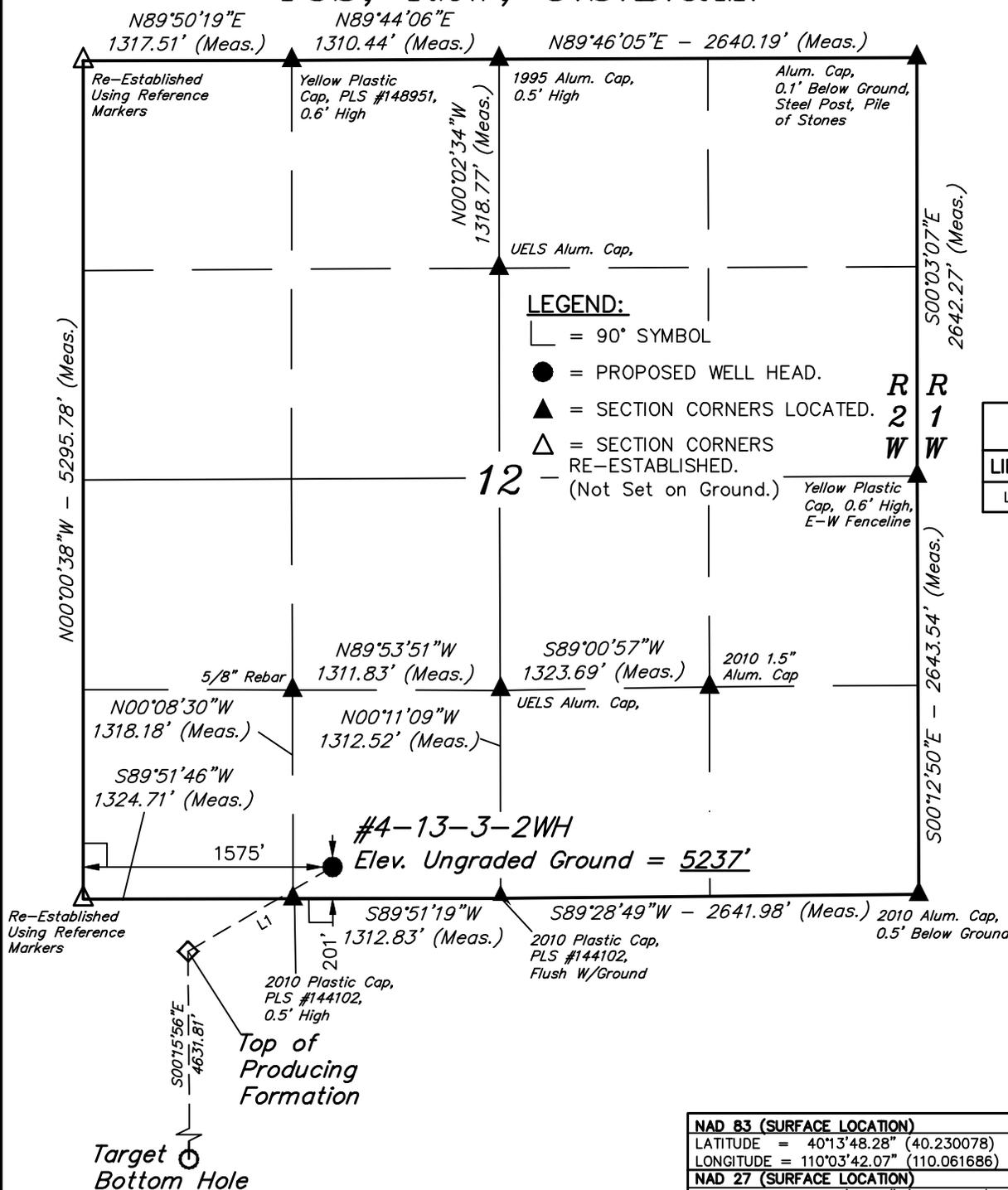
REV: 09-30-13 C.A.G.  
 REV: 04-03-13 K.O.  
 REV: 03-27-13 K.O.  
 REV: 08-30-12 S.F.

REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 05-17-12	DATE DRAWN: 05-22-12
PARTY M.A. T.B. J.J.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE NEWFIELD EXPLORATION COMPANY	

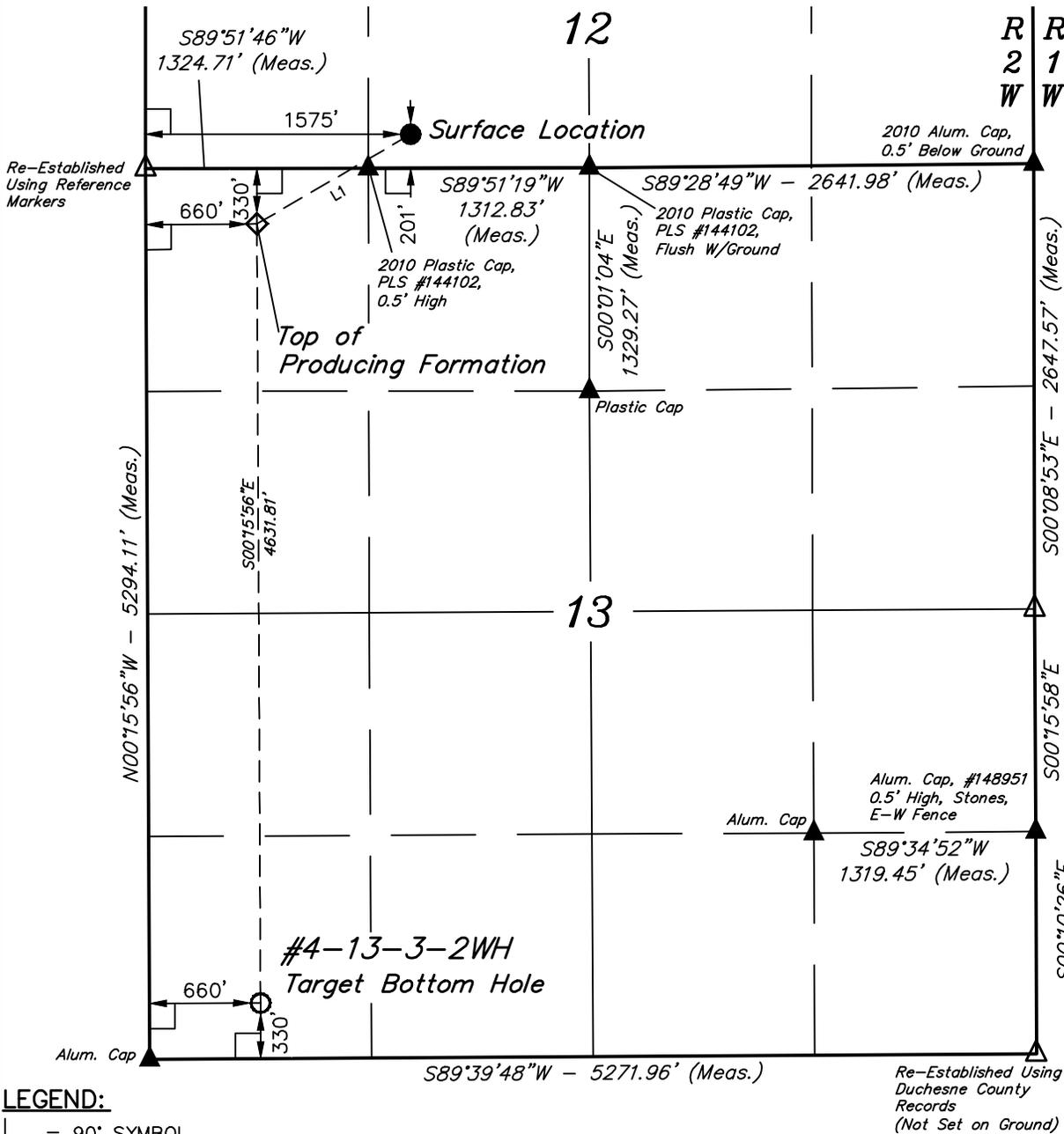
<b>NAD 83 (SURFACE LOCATION)</b>	
LATITUDE	= 40°13'48.28" (40.230078)
LONGITUDE	= 110°03'42.07" (110.061686)
<b>NAD 27 (SURFACE LOCATION)</b>	
LATITUDE	= 40°13'48.43" (40.230119)
LONGITUDE	= 110°03'39.53" (110.060981)



T3S, R2W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY

Well location, #4-13-3-2WH (TARGET BOTTOM HOLE), located as shown in the SW 1/4 SW 1/4 of Section 13, T3S, R2W, U.S.B.&M., Duchesne County, Utah.



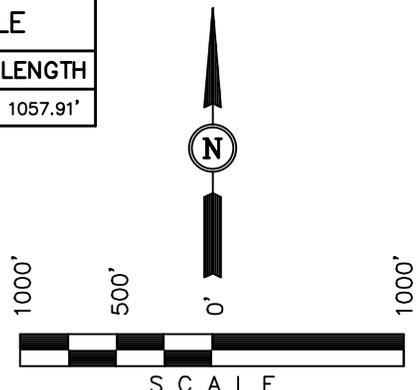
BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

BASIS OF BEARINGS

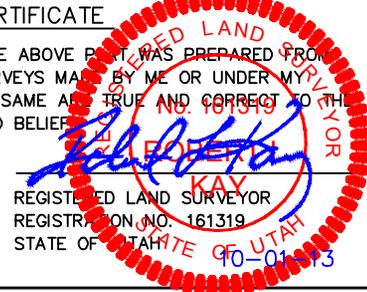
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S59°43'57"W	1057.91'



CERTIFICATE

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.



REV: 09-30-13 C.A.G.  
REV: 04-03-13 K.O.  
REV: 03-27-13 K.O.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

NAD 83 (TOP OF PRODUCING FORMATION)	NAD 83 (BOTTOM HOLE)
LATITUDE = 40°13'43.02" (40.228617)	LATITUDE = 40°12'57.26" (40.215906)
LONGITUDE = 110°03'53.85" (110.064958)	LONGITUDE = 110°03'53.61" (110.064892)
NAD 27 (TOP OF PRODUCING FORMATION)	NAD 27 (BOTTOM HOLE)
LATITUDE = 40°13'43.17" (40.228658)	LATITUDE = 40°12'57.41" (40.215947)
LONGITUDE = 110°03'51.31" (110.064253)	LONGITUDE = 110°03'51.07" (110.064186)

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 05-17-12	DATE DRAWN: 05-22-12
PARTY M.A. T.B. J.J.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE NEWFIELD EXPLORATION COMPANY	

**Newfield Production Company****4-13-3-2WH****Surface Hole Location: 201' FSL, 1575' FWL, Section 12, T3S, R2W****Bottom Hole Location: 330' FSL, 660' FWL, Section 13, T3S, R2W****Duchesne County, UT****Drilling Program****1. Formation Tops**

Uinta	surface
Green River	3,636'
Garden Gulch Member	6,536'
Uteland Butte Member	8,712'
Lateral TD	8,560' TVD / 13,704' MD

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

Base of moderately saline	1,712'	(water)
Green River	6,536' - 8,712'	(oil)
Uteland Butte Member	8,712' - 8,560'	(oil)

**3. Pressure Control**Section      BOP Description

Surface      Diverter

Intermediate      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.

Prod/Prod Liner      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 20	0'	60'	--	--	Weld	--	--	--	--	--	--
Surface 13 3/8	0'	1,500'	54.5	J-55	STC	8.33	8.4	14	2,730	1,130	514,000
									2.89	2.63	6.29
Intermediate 9 5/8	0'	8,329'	40	N-80	BTC	11	11.5	15	5,750	3,090	916,000
		8,420'							1.19	1.24	2.75
Production 5 1/2	0'	8,560'	20	P-110	BTC	14	14.5	16	12,360	11,080	641,000
		13,704'							2.50	2.14	2.34

## 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)

Intermediate collapse calculations assume 50% evacuated

Maximum intermediate csg collapse load assumes loss of mud to a fluid level of 4,165'

Intermediate csg run from surface to 8,329' and will not experience full evacuation

Production csg run from surface to TD will isolate intermediate csg from production loads

Production csg withstands burst and collapse loads for anticipated production conditions

Surface & production collapse calcs assume fully evacuated casing w/ a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.15 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 <sup>3</sup>	OH excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
				sacks			
Conductor	24	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	66	15%	15.8	1.17
				57			
Surface Lead	17 1/2	1,000'	Varicem (Type III) + .125 lbs/sk Cello Flakes	799	15%	11.0	3.33
				240			
Surface Tail	17 1/2	500'	Varicem (Type III) + .125 lbs/sk Cello Flakes	399	15%	13.0	1.9
				210			
Intermediate Lead	12 1/4	6,536'	HLC Premium - 35% Poz/65% Glass G + 10% bentonite	2354	15%	11.0	3.53
				667			
Intermediate Tail	12 1/4	1,884'	50/50 Poz/Class G + 1% bentonite	679	15%	14.0	1.29
				526			
Production Tail	8 3/4	5,784'	50/50 Poz/Class G + 1% bentonite	1680	15%	14.5	1.29
				1303			

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

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

The 5.5" production string will be run from surface to TD and cemented to setback. The cement slurries will be adjusted for hole conditions and blend test results. The lateral will be cemented past the setback.

The wellbore will cross the heal setback @ 9,064' MD

The float collar will be @ 13,704' MD

This well will not be perforated or produced outside the legal setbacks.

## 6. Type and Characteristics of Proposed Circulating Medium

**Interval****Description**

Surface - 1,500' 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.

1,500' - 8,420' 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 11.5 ppg.

8,420' - TD One of two possible mud systems may be used depending on offset well performance on ongoing wells:  
A water based mud: 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.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride). All cuttings will be dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. The cuttings will be mixed with fly ash prior to transportation to a location on Newfield owned surface. Once on Newfield owned surface, the cuttings will be treated with the previously approved FIRMUS process and used as a construction material on future location and/or roads on Newfield owned surface. The cuttings may also be transported to a state approved disposal facility.

Anticipated maximum mud weight is 14.5 ppg.

## 7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from KOP to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from KOP to the cement top behind the production casing and or 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 0.73 psi/ft gradient.

$$8,560' \times 0.73 \text{ psi/ft} = 6231.7 \text{ psi}$$

No abnormal temperature is expected. No H<sub>2</sub>S is expected.

## 9. Other Aspects

The lateral of this well will target the Uteland Butte member of the Green River formation

After setting 9-5/8" casing, an 8-3/4" vertical hole will be drilled to a kick off point of 8,471'

Directional tools will then be used to build to 92.60 degrees inclination.

The lateral will be drilled to the bottomhole location shown on the plat. A 5-1/2" longstring will be run from surface to TD and cemented in place.

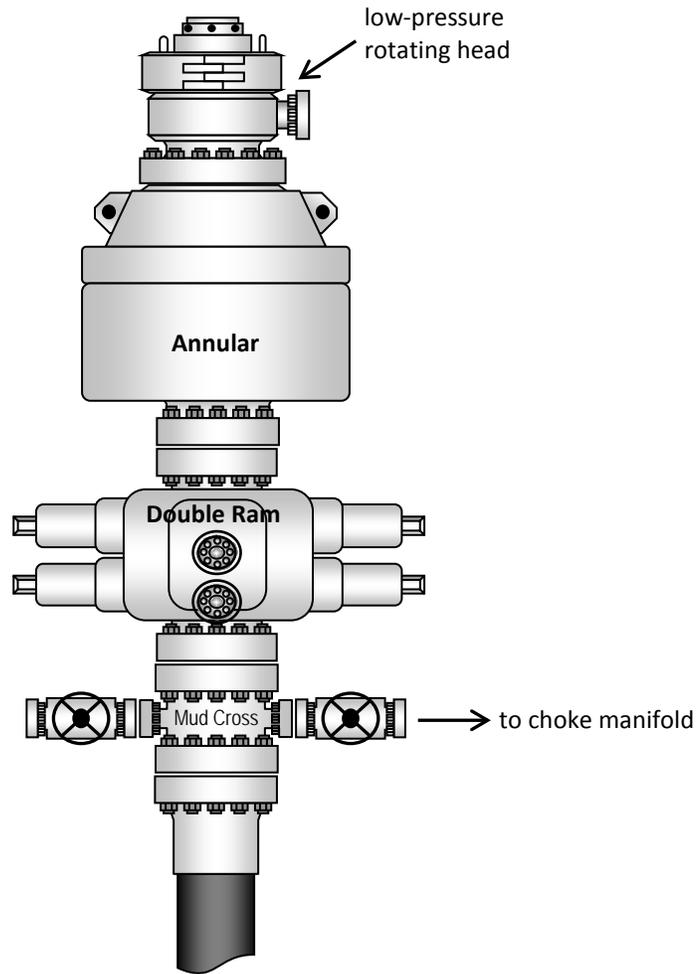
Newfield requests the following variances from Onshore Order #2:

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

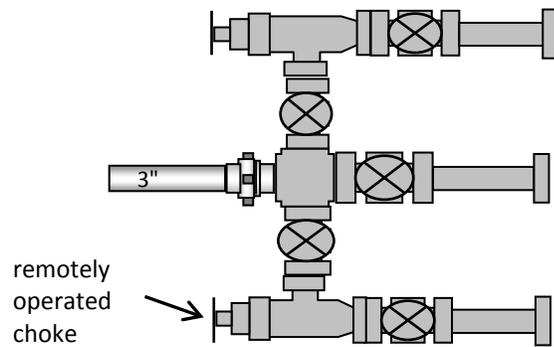
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

If oil based mud (OBM) is used and If Newfield owns the surface rights on the same drilling site at a location where construction is desired, the cuttings may be used for construction by a Firmus® process at that location. Otherwise, after the cuttings have been made safe for transport as described in paragraph 6, they will be transported to another location on which Newfield owns surface rights and there mixed, as part of a Firmus® process, with at least one additional chemical that will convert them to a temporarily uncured cementitious mixture that will be placed and shaped into a temporary desired final structure that will spontaneously harden within seven days after placement to form the desired structure. Samples of the temporary desired final structure may be taken for testing as described below (after the samples have hardened), or samples of the starting pretreated cuttings and mud will be taken during the construction and later mixed in a laboratory, molded, and cured to simulate the final structure as well as reasonably possible. Either these laboratory-made simulations of the final structure or samples of the temporary mixture itself after hardening, will be mechanically tested directly to determine their unconfined compressive strength and their hydraulic conductivity. Leachates of the mechanically tested structures themselves or of finer particles made by crushing and size-grading of the mechanically tested structures themselves to a specified particle size range will be analyzed, according to specified methods, for their contents of arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, zinc, benzene, total petroleum hydrocarbons (TPH), and chlorides, and the pH of these leachates will also be measured. The results of all these tests will be reported by Newfield to UDOGM at intervals as requested, along with the latitude and longitude (or other comparable location data) of the site of the useful constructions built.

### Typical 5M BOP stack configuration

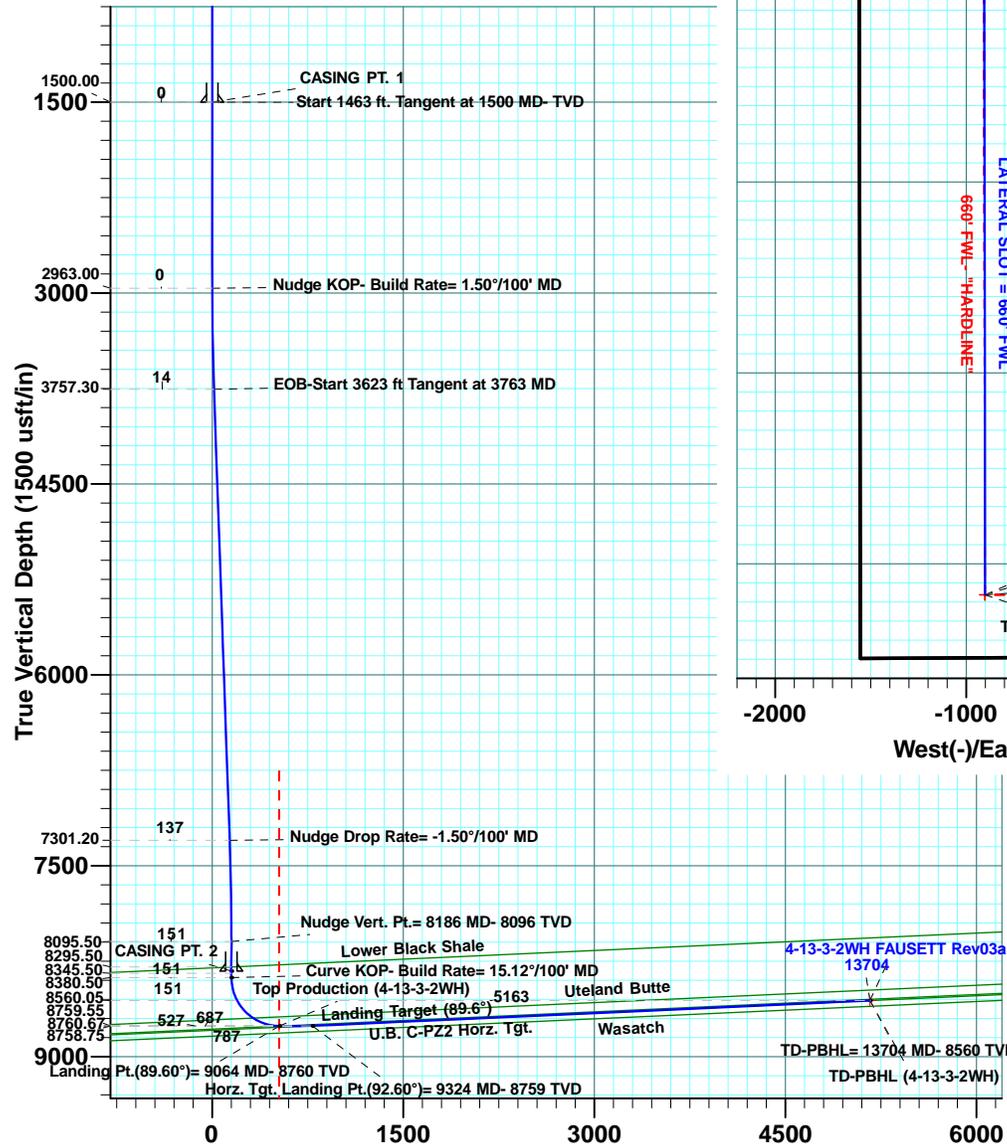
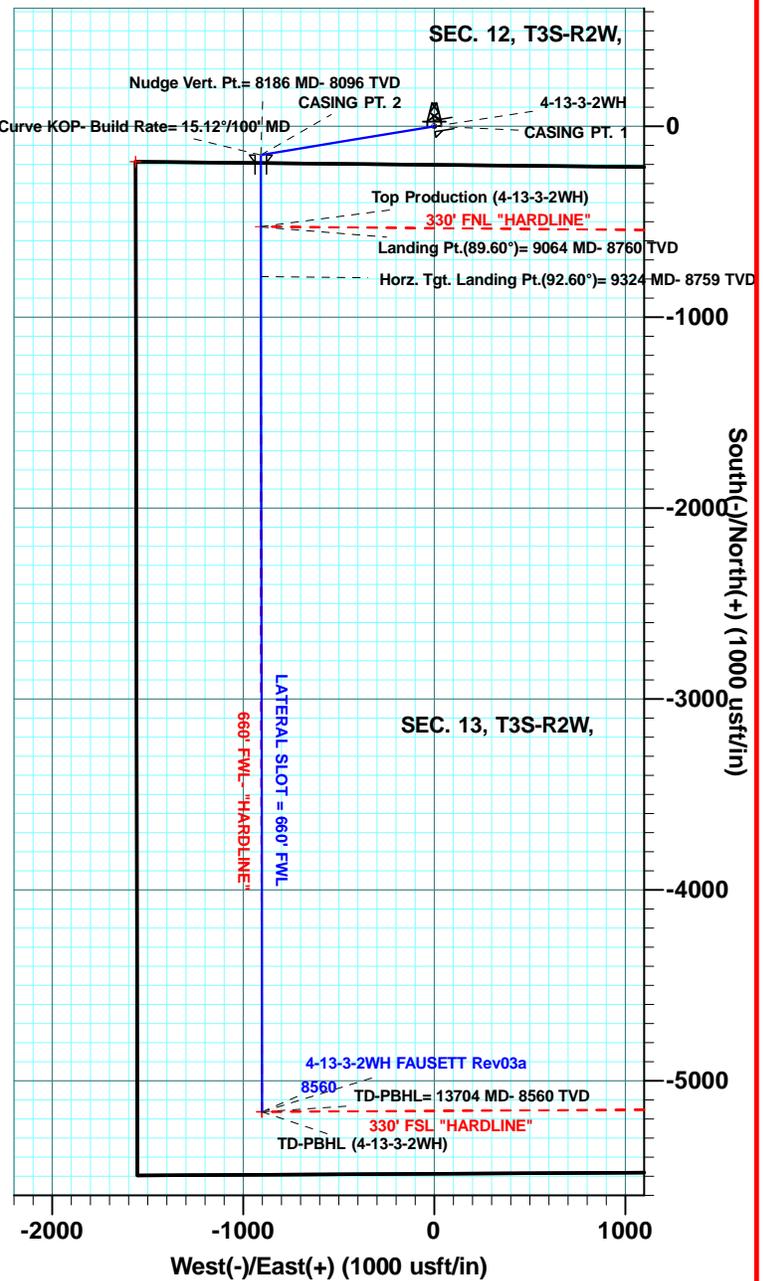


### Typical 5M choke manifold configuration



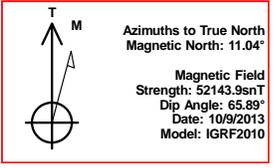
**LEAM Drilling Systems, LLC**  
**FOR**  
**NEWFIELD EXPLORATION ROCKY MOUNTAINS**  
**WELL: 4-13-3-2WH FAUSETT, (PLAN: REV03a)**  
**SEC. 13, T3S-R2W, DUCHESNE COUNTY, UTAH**  
**RIG NAME: PIONEER 44 (KB= 26')**  
**OCTOBER 08, 2013--WELL PLAN PLOT**

WELL DETAILS: 4-13-3-2WH						Slot
+N/-S	+E/-W	Northing	Ground Level:	Easting	Latitude	
0.00	0.00	7255760.76	5237.00	2041974.9140	13° 48.280 N	110° 3' 42.070 W



**PROJECT DETAILS: DUCHESNE COUNTY, UT (NAD 83)**  
 Geodetic System: US State Plane 1983  
 Ellipsoid: GRS 1980  
 Zone: Utah Central Zone  
 System Datum: Mean Sea Level

**SITE DETAILS: CENTRAL BASIN (NAD 83)**  
 Site Centre Latitude: 40° 13' 50.461 N  
 Longitude: 110° 5' 34.149 W  
 Positional Uncertainty: 0.00  
 Convergence: 0.90  
 Local North: True



SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	
2963.00	0.00	0.00	2963.00	0.00	0.00	0.00	0.00	0.00	
3763.14	12.00	260.58	3757.30	-13.66	-82.37	1.50	260.58	13.66	
7386.24	12.00	260.58	7301.20	-136.97	-825.63	0.00	0.00	136.97	
8186.38	0.00	0.00	8095.50	-150.63	-908.00	1.50	180.00	150.63	
8386.38	0.00	0.00	8295.50	-150.63	-908.00	0.00	0.00	150.63	
8436.38	0.00	0.00	8345.50	-150.63	-908.00	0.00	0.00	150.63	
8471.38	0.00	0.00	8380.50	-150.63	-908.00	0.00	0.00	150.63	
9064.16	89.60	179.91	8759.55	-527.04	-907.41	15.12	179.91	527.04	
9224.16	89.60	179.91	8760.67	-687.04	-907.16	0.00	0.00	687.04	
9324.16	92.60	179.91	8758.75	-787.01	-907.00	3.00	0.00	787.01	
13704.25	92.60	179.91	8560.05	-5162.59	-900.13	0.00	0.00	5162.59	

Plan: 4-13-3-2WH FAUSETT Rev03a (4-13-3-2WH/4-13-3-2WH FAUSETT)  
 Created By: Chad Dubois Date: 13/06, October 08 2013

Checked: \_\_\_\_\_ Date: \_\_\_\_\_  
 Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_  
 Approved: \_\_\_\_\_ Date: \_\_\_\_\_



Planning Report



<b>Database:</b>	EDM 5000.1 Lynn Db	<b>Local Co-ordinate Reference:</b>	Well 4-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>TVD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>North Reference:</b>	True
<b>Well:</b>	4-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	4-13-3-2WH FAUSETT		
<b>Design:</b>	4-13-3-2WH FAUSETT Rev03a		

<b>Project</b>	DUCHESNE COUNTY, UT (NAD 83),		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

<b>Site</b>	CENTRAL BASIN (NAD 83)				
<b>Site Position:</b>	<b>Northing:</b>	7,255,843.21 usft	<b>Latitude:</b>	40° 13' 50.461 N	
<b>From:</b>	Map	<b>Easting:</b>	2,033,280.24 usft	<b>Longitude:</b>	110° 5' 34.149 W
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	0.90 °

<b>Well</b>	4-13-3-2WH, "FAUSETT Prospect"					
<b>Well Position</b>	<b>+N/-S</b>	-219.22 usft	<b>Northing:</b>	7,255,760.76 usft	<b>Latitude:</b>	40° 13' 48.280 N
	<b>+E/-W</b>	8,692.30 usft	<b>Easting:</b>	2,041,974.91 usft	<b>Longitude:</b>	110° 3' 42.070 W
<b>Position Uncertainty</b>	0.00 usft	<b>Wellhead Elevation:</b>	5,263.00 usft	<b>Ground Level:</b>	5,237.00 usft	

<b>Wellbore</b>	4-13-3-2WH FAUSETT				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	10/9/2013	11.04	65.89	52,144

<b>Design</b>	4-13-3-2WH FAUSETT Rev03a				
<b>Audit Notes:</b>					
<b>Version:</b>	Rev03	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	180.00	

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	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	
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,963.00	0.00	0.00	2,963.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,763.14	12.00	260.58	3,757.30	-13.66	-82.37	1.50	1.50	0.00	260.58	
7,386.24	12.00	260.58	7,301.20	-136.97	-825.63	0.00	0.00	0.00	0.00	
8,186.38	0.00	0.00	8,095.50	-150.63	-908.00	1.50	-1.50	0.00	180.00	
8,386.38	0.00	0.00	8,295.50	-150.63	-908.00	0.00	0.00	0.00	0.00	
8,436.38	0.00	0.00	8,345.50	-150.63	-908.00	0.00	0.00	0.00	0.00	
8,471.38	0.00	0.00	8,380.50	-150.63	-908.00	0.00	0.00	0.00	0.00	
9,064.16	89.60	179.91	8,759.55	-527.04	-907.41	15.12	15.12	0.00	179.91	
9,224.16	89.60	179.91	8,760.67	-687.04	-907.16	0.00	0.00	0.00	0.00	
9,324.16	92.60	179.91	8,758.75	-787.01	-907.00	3.00	3.00	0.00	0.00	
13,704.25	92.60	179.91	8,560.05	-5,162.59	-900.13	0.00	0.00	0.00	0.00	TD-PBHL (4-13-3-2)



## Planning Report



<b>Database:</b>	EDM 5000.1 Lynn Db	<b>Local Co-ordinate Reference:</b>	Well 4-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>TVD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>North Reference:</b>	True
<b>Well:</b>	4-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	4-13-3-2WH FAUSETT		
<b>Design:</b>	4-13-3-2WH FAUSETT Rev03a		

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/S (usft)	+E/W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Start 1463 ft. Tangent at 1500 MD- TVD - CASING PT. 1</b>									
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,963.00	0.00	0.00	2,963.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Nudge KOP- Build Rate= 1.50°/100' MD</b>									
3,000.00	0.56	260.58	3,000.00	-0.03	-0.18	0.03	1.50	1.50	0.00
3,100.00	2.06	260.58	3,099.97	-0.40	-2.42	0.40	1.50	1.50	0.00
3,200.00	3.56	260.58	3,199.85	-1.20	-7.25	1.20	1.50	1.50	0.00
3,300.00	5.06	260.58	3,299.56	-2.43	-14.66	2.43	1.50	1.50	0.00
3,400.00	6.56	260.58	3,399.05	-4.09	-24.63	4.09	1.50	1.50	0.00
3,500.00	8.06	260.58	3,498.23	-6.17	-37.18	6.17	1.50	1.50	0.00
3,600.00	9.56	260.58	3,597.05	-8.67	-52.28	8.67	1.50	1.50	0.00
3,700.00	11.06	260.58	3,695.44	-11.60	-69.92	11.60	1.50	1.50	0.00
3,763.14	12.00	260.58	3,757.30	-13.66	-82.37	13.66	1.50	1.50	0.00
<b>EOB-Start 3623 ft Tangent at 3763 MD</b>									
3,800.00	12.00	260.58	3,793.36	-14.92	-89.93	14.92	0.00	0.00	0.00
3,900.00	12.00	260.58	3,891.17	-18.32	-110.45	18.32	0.00	0.00	0.00
4,000.00	12.00	260.58	3,988.98	-21.73	-130.96	21.73	0.00	0.00	0.00
4,100.00	12.00	260.58	4,086.80	-25.13	-151.48	25.13	0.00	0.00	0.00
4,200.00	12.00	260.58	4,184.61	-28.53	-171.99	28.53	0.00	0.00	0.00
4,300.00	12.00	260.58	4,282.43	-31.94	-192.51	31.94	0.00	0.00	0.00
4,400.00	12.00	260.58	4,380.24	-35.34	-213.02	35.34	0.00	0.00	0.00
4,500.00	12.00	260.58	4,478.05	-38.74	-233.54	38.74	0.00	0.00	0.00
4,600.00	12.00	260.58	4,575.87	-42.14	-254.05	42.14	0.00	0.00	0.00



## Planning Report



<b>Database:</b>	EDM 5000.1 Lynn Db	<b>Local Co-ordinate Reference:</b>	Well 4-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>TVD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>North Reference:</b>	True
<b>Well:</b>	4-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	4-13-3-2WH FAUSETT		
<b>Design:</b>	4-13-3-2WH FAUSETT Rev03a		

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,700.00	12.00	260.58	4,673.68	-45.55	-274.56	45.55	0.00	0.00	0.00
4,800.00	12.00	260.58	4,771.50	-48.95	-295.08	48.95	0.00	0.00	0.00
4,900.00	12.00	260.58	4,869.31	-52.35	-315.59	52.35	0.00	0.00	0.00
5,000.00	12.00	260.58	4,967.12	-55.76	-336.11	55.76	0.00	0.00	0.00
5,100.00	12.00	260.58	5,064.94	-59.16	-356.62	59.16	0.00	0.00	0.00
5,200.00	12.00	260.58	5,162.75	-62.56	-377.14	62.56	0.00	0.00	0.00
5,300.00	12.00	260.58	5,260.57	-65.97	-397.65	65.97	0.00	0.00	0.00
5,400.00	12.00	260.58	5,358.38	-69.37	-418.16	69.37	0.00	0.00	0.00
5,500.00	12.00	260.58	5,456.19	-72.77	-438.68	72.77	0.00	0.00	0.00
5,600.00	12.00	260.58	5,554.01	-76.18	-459.19	76.18	0.00	0.00	0.00
5,700.00	12.00	260.58	5,651.82	-79.58	-479.71	79.58	0.00	0.00	0.00
5,800.00	12.00	260.58	5,749.64	-82.98	-500.22	82.98	0.00	0.00	0.00
5,900.00	12.00	260.58	5,847.45	-86.39	-520.74	86.39	0.00	0.00	0.00
6,000.00	12.00	260.58	5,945.26	-89.79	-541.25	89.79	0.00	0.00	0.00
6,100.00	12.00	260.58	6,043.08	-93.19	-561.76	93.19	0.00	0.00	0.00
6,200.00	12.00	260.58	6,140.89	-96.60	-582.28	96.60	0.00	0.00	0.00
6,300.00	12.00	260.58	6,238.71	-100.00	-602.79	100.00	0.00	0.00	0.00
6,400.00	12.00	260.58	6,336.52	-103.40	-623.31	103.40	0.00	0.00	0.00
6,500.00	12.00	260.58	6,434.33	-106.80	-643.82	106.80	0.00	0.00	0.00
6,600.00	12.00	260.58	6,532.15	-110.21	-664.34	110.21	0.00	0.00	0.00
6,700.00	12.00	260.58	6,629.96	-113.61	-684.85	113.61	0.00	0.00	0.00
6,800.00	12.00	260.58	6,727.78	-117.01	-705.36	117.01	0.00	0.00	0.00
6,900.00	12.00	260.58	6,825.59	-120.42	-725.88	120.42	0.00	0.00	0.00
7,000.00	12.00	260.58	6,923.40	-123.82	-746.39	123.82	0.00	0.00	0.00
7,100.00	12.00	260.58	7,021.22	-127.22	-766.91	127.22	0.00	0.00	0.00
7,200.00	12.00	260.58	7,119.03	-130.63	-787.42	130.63	0.00	0.00	0.00
7,300.00	12.00	260.58	7,216.85	-134.03	-807.94	134.03	0.00	0.00	0.00
7,386.24	12.00	260.58	7,301.20	-136.97	-825.63	136.97	0.00	0.00	0.00
<b>Nudge Drop Rate= -1.50°/100' MD</b>									
7,400.00	11.80	260.58	7,314.67	-137.43	-828.43	137.43	1.50	-1.50	0.00
7,500.00	10.30	260.58	7,412.81	-140.56	-847.33	140.56	1.50	-1.50	0.00
7,600.00	8.80	260.58	7,511.42	-143.28	-863.69	143.28	1.50	-1.50	0.00
7,700.00	7.30	260.58	7,610.44	-145.57	-877.49	145.57	1.50	-1.50	0.00
7,800.00	5.80	260.58	7,709.78	-147.43	-888.74	147.43	1.50	-1.50	0.00
7,900.00	4.30	260.58	7,809.39	-148.87	-897.41	148.87	1.50	-1.50	0.00
8,000.00	2.80	260.58	7,909.20	-149.89	-903.52	149.89	1.50	-1.50	0.00
8,100.00	1.30	260.58	8,009.13	-150.47	-907.04	150.47	1.50	-1.50	0.00
8,186.38	0.00	0.00	8,095.50	-150.63	-908.00	150.63	1.50	-1.50	115.10
<b>Nudge Vert. Pt.= 8186 MD- 8096 TVD</b>									
8,200.00	0.00	0.00	8,109.12	-150.63	-908.00	150.63	0.00	0.00	0.00
8,300.00	0.00	0.00	8,209.12	-150.63	-908.00	150.63	0.00	0.00	0.00
8,386.38	0.00	0.00	8,295.50	-150.63	-908.00	150.63	0.00	0.00	0.00
<b>Start 50 ft. Tangent at 8386 MD- 8296 TVD</b>									
8,387.04	0.00	0.00	8,296.16	-150.63	-908.00	150.63	0.00	0.00	0.00
<b>Lower Black Shale</b>									
8,400.00	0.00	0.00	8,309.12	-150.63	-908.00	150.63	0.00	0.00	0.00
8,419.88	0.00	0.00	8,329.00	-150.63	-908.00	150.63	0.00	0.00	0.00
<b>CASING PT. 2</b>									
8,436.38	0.00	0.00	8,345.50	-150.63	-908.00	150.63	0.00	0.00	0.00
<b>Start 35 ft. Tangent at 8436 MD- 8346 TVD</b>									
8,471.38	0.00	0.00	8,380.50	-150.63	-908.00	150.63	0.00	0.00	0.00



## Planning Report



<b>Database:</b>	EDM 5000.1 Lynn Db	<b>Local Co-ordinate Reference:</b>	Well 4-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>TVD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>North Reference:</b>	True
<b>Well:</b>	4-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	4-13-3-2WH FAUSETT		
<b>Design:</b>	4-13-3-2WH FAUSETT Rev03a		

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/S (usft)	+E/W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
<b>Curve KOP- Build Rate= 15.12°/100' MD</b>									
8,475.00	0.55	179.91	8,384.12	-150.65	-908.00	150.65	15.12	15.12	0.00
8,500.00	4.33	179.91	8,409.09	-151.71	-908.00	151.71	15.12	15.12	0.00
8,525.00	8.11	179.91	8,433.94	-154.42	-907.99	154.42	15.12	15.12	0.00
8,550.00	11.88	179.91	8,458.56	-158.75	-907.99	158.75	15.12	15.12	0.00
8,575.00	15.66	179.91	8,482.84	-164.71	-907.98	164.71	15.12	15.12	0.00
8,600.00	19.44	179.91	8,506.67	-172.24	-907.97	172.24	15.12	15.12	0.00
8,625.00	23.22	179.91	8,529.95	-181.34	-907.95	181.34	15.12	15.12	0.00
8,650.00	27.00	179.91	8,552.58	-191.94	-907.94	191.94	15.12	15.12	0.00
8,675.00	30.78	179.91	8,574.47	-204.02	-907.92	204.02	15.12	15.12	0.00
8,700.00	34.56	179.91	8,595.51	-217.51	-907.89	217.51	15.12	15.12	0.00
8,725.00	38.34	179.91	8,615.62	-232.36	-907.87	232.36	15.12	15.12	0.00
8,750.00	42.11	179.91	8,634.70	-248.50	-907.85	248.50	15.12	15.12	0.00
8,775.00	45.89	179.91	8,652.68	-265.86	-907.82	265.86	15.12	15.12	0.00
8,800.00	49.67	179.91	8,669.48	-284.38	-907.79	284.38	15.12	15.12	0.00
8,825.00	53.45	179.91	8,685.02	-303.95	-907.76	303.95	15.12	15.12	0.00
8,846.63	56.72	179.91	8,697.39	-321.69	-907.73	321.69	15.12	15.12	0.00
<b>Uteland Butte</b>									
8,850.00	57.23	179.91	8,699.23	-324.51	-907.73	324.51	15.12	15.12	0.00
8,875.00	61.01	179.91	8,712.06	-345.97	-907.69	345.97	15.12	15.12	0.00
8,900.00	64.79	179.91	8,723.45	-368.22	-907.66	368.22	15.12	15.12	0.00
8,925.00	68.57	179.91	8,733.34	-391.17	-907.62	391.17	15.12	15.12	0.00
8,950.00	72.34	179.91	8,741.71	-414.73	-907.59	414.73	15.12	15.12	0.00
8,975.00	76.12	179.91	8,748.50	-438.78	-907.55	438.78	15.12	15.12	0.00
9,000.00	79.90	179.91	8,753.69	-463.23	-907.51	463.23	15.12	15.12	0.00
9,025.00	83.68	179.91	8,757.26	-487.97	-907.47	487.97	15.12	15.12	0.00
9,050.00	87.46	179.91	8,759.19	-512.89	-907.43	512.89	15.12	15.12	0.00
9,064.16	89.60	179.91	8,759.55	-527.04	-907.41	527.04	15.12	15.12	0.00
<b>Landing Pt.(89.60°)= 9064 MD- 8760 TVD</b>									
9,074.03	89.60	179.91	8,759.62	-536.91	-907.39	536.91	0.00	0.00	0.00
<b>Landing Target (89.6°)</b>									
9,100.00	89.60	179.91	8,759.80	-562.88	-907.35	562.88	0.00	0.00	0.00
9,200.00	89.60	179.91	8,760.50	-662.88	-907.20	662.88	0.00	0.00	0.00
9,224.16	89.60	179.91	8,760.67	-687.04	-907.16	687.04	0.00	0.00	0.00
<b>Curve Build Rate= 3.00°/100' MD</b>									
9,281.12	91.31	179.91	8,760.22	-744.00	-907.07	744.00	3.00	3.00	0.00
<b>U.B. C-P22 Horz. Tgt.</b>									
9,300.00	91.88	179.91	8,759.69	-762.87	-907.04	762.87	3.00	3.00	0.00
9,324.16	92.60	179.91	8,758.75	-787.01	-907.00	787.01	3.00	3.00	0.00
<b>Horz. Tgt. Landing Pt.(92.60°)= 9324 MD- 8759 TVD</b>									
9,400.00	92.60	179.91	8,755.31	-862.77	-906.88	862.77	0.00	0.00	0.00
9,500.00	92.60	179.91	8,750.77	-962.67	-906.72	962.67	0.00	0.00	0.00
9,600.00	92.60	179.91	8,746.23	-1,062.57	-906.57	1,062.57	0.00	0.00	0.00
9,700.00	92.60	179.91	8,741.70	-1,162.46	-906.41	1,162.46	0.00	0.00	0.00
9,800.00	92.60	179.91	8,737.16	-1,262.36	-906.25	1,262.36	0.00	0.00	0.00
9,900.00	92.60	179.91	8,732.63	-1,362.26	-906.10	1,362.26	0.00	0.00	0.00
10,000.00	92.60	179.91	8,728.09	-1,462.16	-905.94	1,462.16	0.00	0.00	0.00
10,100.00	92.60	179.91	8,723.55	-1,562.05	-905.78	1,562.05	0.00	0.00	0.00
10,200.00	92.60	179.91	8,719.02	-1,661.95	-905.63	1,661.95	0.00	0.00	0.00
10,300.00	92.60	179.91	8,714.48	-1,761.85	-905.47	1,761.85	0.00	0.00	0.00
10,400.00	92.60	179.91	8,709.94	-1,861.74	-905.31	1,861.74	0.00	0.00	0.00



## Planning Report



<b>Database:</b>	EDM 5000.1 Lynn Db	<b>Local Co-ordinate Reference:</b>	Well 4-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>TVD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>North Reference:</b>	True
<b>Well:</b>	4-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	4-13-3-2WH FAUSETT		
<b>Design:</b>	4-13-3-2WH FAUSETT Rev03a		

## Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
10,500.00	92.60	179.91	8,705.41	-1,961.64	-905.16	1,961.64	0.00	0.00	0.00	
10,600.00	92.60	179.91	8,700.87	-2,061.54	-905.00	2,061.54	0.00	0.00	0.00	
10,700.00	92.60	179.91	8,696.34	-2,161.43	-904.84	2,161.43	0.00	0.00	0.00	
10,800.00	92.60	179.91	8,691.80	-2,261.33	-904.68	2,261.33	0.00	0.00	0.00	
10,900.00	92.60	179.91	8,687.26	-2,361.23	-904.53	2,361.23	0.00	0.00	0.00	
11,000.00	92.60	179.91	8,682.73	-2,461.12	-904.37	2,461.12	0.00	0.00	0.00	
11,100.00	92.60	179.91	8,678.19	-2,561.02	-904.21	2,561.02	0.00	0.00	0.00	
11,200.00	92.60	179.91	8,673.65	-2,660.92	-904.06	2,660.92	0.00	0.00	0.00	
11,300.00	92.60	179.91	8,669.12	-2,760.82	-903.90	2,760.82	0.00	0.00	0.00	
11,400.00	92.60	179.91	8,664.58	-2,860.71	-903.74	2,860.71	0.00	0.00	0.00	
11,500.00	92.60	179.91	8,660.04	-2,960.61	-903.59	2,960.61	0.00	0.00	0.00	
11,600.00	92.60	179.91	8,655.51	-3,060.51	-903.43	3,060.51	0.00	0.00	0.00	
11,700.00	92.60	179.91	8,650.97	-3,160.40	-903.27	3,160.40	0.00	0.00	0.00	
11,800.00	92.60	179.91	8,646.44	-3,260.30	-903.12	3,260.30	0.00	0.00	0.00	
11,900.00	92.60	179.91	8,641.90	-3,360.20	-902.96	3,360.20	0.00	0.00	0.00	
12,000.00	92.60	179.91	8,637.36	-3,460.09	-902.80	3,460.09	0.00	0.00	0.00	
12,100.00	92.60	179.91	8,632.83	-3,559.99	-902.64	3,559.99	0.00	0.00	0.00	
12,200.00	92.60	179.91	8,628.29	-3,659.89	-902.49	3,659.89	0.00	0.00	0.00	
12,300.00	92.60	179.91	8,623.75	-3,759.78	-902.33	3,759.78	0.00	0.00	0.00	
12,400.00	92.60	179.91	8,619.22	-3,859.68	-902.17	3,859.68	0.00	0.00	0.00	
12,500.00	92.60	179.91	8,614.68	-3,959.58	-902.02	3,959.58	0.00	0.00	0.00	
12,600.00	92.60	179.91	8,610.15	-4,059.48	-901.86	4,059.48	0.00	0.00	0.00	
12,700.00	92.60	179.91	8,605.61	-4,159.37	-901.70	4,159.37	0.00	0.00	0.00	
12,800.00	92.60	179.91	8,601.07	-4,259.27	-901.55	4,259.27	0.00	0.00	0.00	
12,900.00	92.60	179.91	8,596.54	-4,359.17	-901.39	4,359.17	0.00	0.00	0.00	
13,000.00	92.60	179.91	8,592.00	-4,459.06	-901.23	4,459.06	0.00	0.00	0.00	
13,100.00	92.60	179.91	8,587.46	-4,558.96	-901.08	4,558.96	0.00	0.00	0.00	
13,200.00	92.60	179.91	8,582.93	-4,658.86	-900.92	4,658.86	0.00	0.00	0.00	
13,300.00	92.60	179.91	8,578.39	-4,758.75	-900.76	4,758.75	0.00	0.00	0.00	
13,400.00	92.60	179.91	8,573.86	-4,858.65	-900.60	4,858.65	0.00	0.00	0.00	
13,500.00	92.60	179.91	8,569.32	-4,958.55	-900.45	4,958.55	0.00	0.00	0.00	
13,600.00	92.60	179.91	8,564.78	-5,058.44	-900.29	5,058.44	0.00	0.00	0.00	
13,704.24	92.60	179.91	8,560.05	-5,162.58	-900.13	5,162.58	0.00	0.00	0.00	
<b>TD-PBHL= 13704 MD- 8560 TVD</b>										
13,704.25	92.60	179.91	8,560.05	-5,162.59	-900.13	5,162.59	0.00	0.00	0.00	



## Planning Report



<b>Database:</b>	EDM 5000.1 Lynn Db	<b>Local Co-ordinate Reference:</b>	Well 4-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>TVD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>North Reference:</b>	True
<b>Well:</b>	4-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	4-13-3-2WH FAUSETT		
<b>Design:</b>	4-13-3-2WH FAUSETT Rev03a		

## Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SEC. 13, T3S-R2W, - plan misses target center by 1573.68usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E) - Polygon	0.00	0.00	0.00	-185.11	-1,562.75	7,255,550.55	2,040,415.34	40° 13' 46.450 N	110° 4' 2.220 W
Point 1			0.00	0.00	0.00	7,255,550.55	2,040,415.34		
Point 2			0.00	-54.83	5,271.67	7,255,580.50	2,045,687.21		
Point 3			0.00	10.35	5,259.06	7,255,645.46	2,045,673.55		
Point 4			0.00	-2,636.98	5,223.32	7,252,997.90	2,045,680.39		
Point 5			0.00	-5,282.72	5,279.24	7,250,353.40	2,045,778.84		
Point 6			0.00	-5,310.27	8.98	7,250,241.11	2,040,509.71		
Point 7			0.00	0.00	0.00	7,255,550.55	2,040,415.34		
SEC. 13, T3S-R2W, 3 - plan misses target center by 5240.63usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E) - Polygon	0.00	0.00	0.00	-5,162.59	-901.04	7,250,584.35	2,041,157.00	40° 12' 57.259 N	110° 3' 53.686 W
Point 1			0.00	0.00	0.00	7,250,584.35	2,041,157.00		
Point 2			0.00	4,636.91	-7.10	7,255,220.55	2,041,075.34		
Point 3			0.00	4,603.54	3,930.53	7,255,250.50	2,045,013.00		
Point 4			0.00	2,337.66	3,942.33	7,252,985.10	2,045,061.23		
Point 5			0.00	20.41	3,948.84	7,250,668.25	2,045,104.99		
Point 6			0.00	0.00	0.00	7,250,584.35	2,041,157.00		
TD-PBHL (4-13-3-2W - plan misses target center by 0.92usft at 13704.25usft MD (8560.05 TVD, -5162.59 N, -900.13 E) - Point	0.00	0.00	8,560.00	-5,162.59	-901.04	7,250,584.35	2,041,157.00	40° 12' 57.259 N	110° 3' 53.686 W
Top Production (4-13- - plan misses target center by 0.87usft at 9062.80usft MD (8759.54 TVD, -525.69 N, -907.41 E) - Rectangle (sides W0.00 H0.00 D3,000.00)	0.00	180.00	8,760.00	-525.68	-908.14	7,255,220.55	2,041,075.34	40° 13' 43.085 N	110° 3' 53.779 W

## Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,500.00	1,500.00	CASING PT. 1	0	0
8,419.88	8,329.00	CASING PT. 2	0	0

## Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
8,387.04	8,296.16	Lower Black Shale		-2.60	180.00
8,846.63	8,697.39	Uteland Butte		-2.60	180.00
9,074.03	8,759.62	Landing Target (89.6°)		-2.60	180.00
9,281.12	8,760.22	U.B. C-PZ2 Horz. Tgt.		-2.60	180.00



## Planning Report



<b>Database:</b>	EDM 5000.1 Lynn Db	<b>Local Co-ordinate Reference:</b>	Well 4-13-3-2WH
<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>TVD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>North Reference:</b>	True
<b>Well:</b>	4-13-3-2WH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	4-13-3-2WH FAUSETT		
<b>Design:</b>	4-13-3-2WH FAUSETT Rev03a		

## Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N-S (usft)	+E-W (usft)	
1,500.00	1,500.00	0.00	0.00	Start 1463 ft. Tangent at 1500 MD- TVD
2,963.00	2,963.00	0.00	0.00	Nudge KOP- Build Rate= 1.50°/100' MD
3,763.14	3,757.30	-13.66	-82.37	EOB-Start 3623 ft Tangent at 3763 MD
7,386.24	7,301.20	-136.97	-825.63	Nudge Drop Rate= -1.50°/100' MD
8,186.38	8,095.50	-150.63	-908.00	Nudge Vert. Pt.= 8186 MD- 8096 TVD
8,386.38	8,295.50	-150.63	-908.00	Start 50 ft. Tangent at 8386 MD- 8296 TVD
8,436.38	8,345.50	-150.63	-908.00	Start 35 ft. Tangent at 8436 MD- 8346 TVD
8,471.38	8,380.50	-150.63	-908.00	Curve KOP- Build Rate= 15.12°/100' MD
9,064.16	8,759.55	-527.04	-907.41	Landing Pt.(89.60°)= 9064 MD- 8760 TVD
9,224.16	8,760.67	-687.04	-907.16	Curve Build Rate= 3.00°/100' MD
9,324.16	8,758.75	-787.01	-907.00	Horz. Tgt. Landing Pt.(92.60°)= 9324 MD- 8759 TVD
13,704.24	8,560.05	-5,162.58	-900.13	TD-PBHL= 13704 MD- 8560 TVD



**NEWFIELD EXPLORATION COMPANY**

**TYPICAL CROSS SECTIONS FOR**

**#4-13-3-2WH**

**SECTION 12, T3S, R2W, U.S.B.&M.**

**201' FSL 1575' FWL**

**FIGURE #2**

DATE: 05-22-12

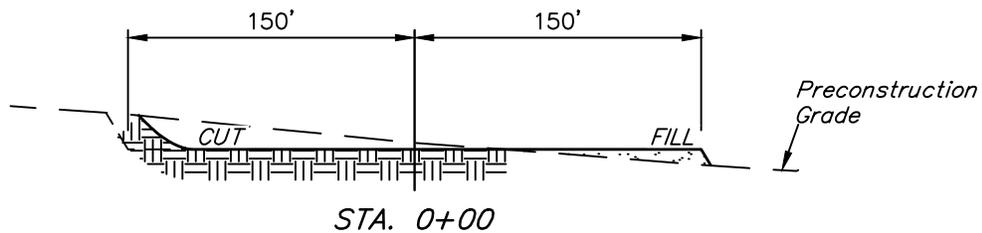
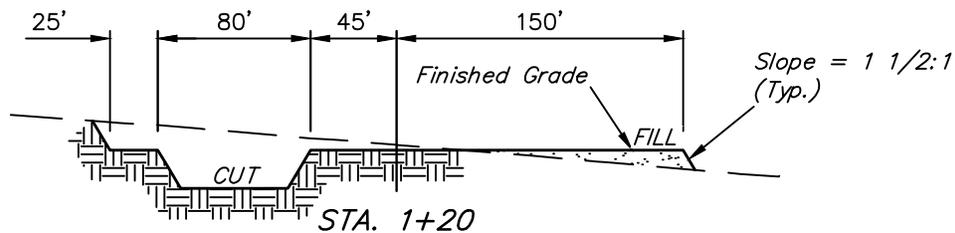
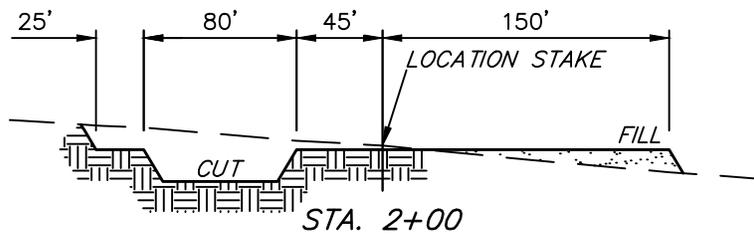
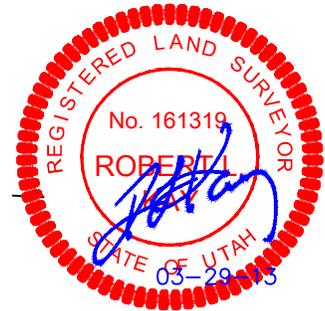
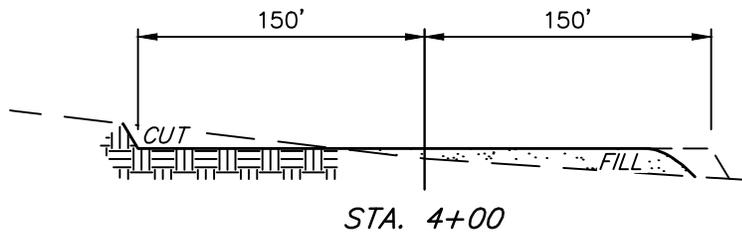
DRAWN BY: J.J.

REV: 06-07-12 K.O.

REV: 08-30-12 S.F.

REV: 03-27-13 K.O.

1" = 40'  
X-Section Scale  
1" = 100'



**NOTE:**

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

**APPROXIMATE ACREAGES**

WELL SITE DISTURBANCE = ± 4.591 ACRES  
ACCESS ROAD DISTURBANCE = ± 1.054 ACRES  
PIPELINE DISTURBANCE = ± 0.598 ACRES  
TOTAL = ± 6.243 ACRES

\* NOTE:  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

(6") Topsoil Stripping = 2,370 Cu. Yds.  
Remaining Location = 7,730 Cu. Yds.  
TOTAL CUT = 10,100 CU. YDS.  
FILL = 6,630 CU. YDS.

EXCESS MATERIAL = 3,470 Cu. Yds.  
Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,470 Cu. Yds.  
EXCESS UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# NEWFIELD EXPLORATION COMPANY

## TYPICAL RIG LAYOUT FOR

#4-13-3-2WH

SECTION 12, T3S, R2W, U.S.B.&M.

201' FSL 1575' FWL

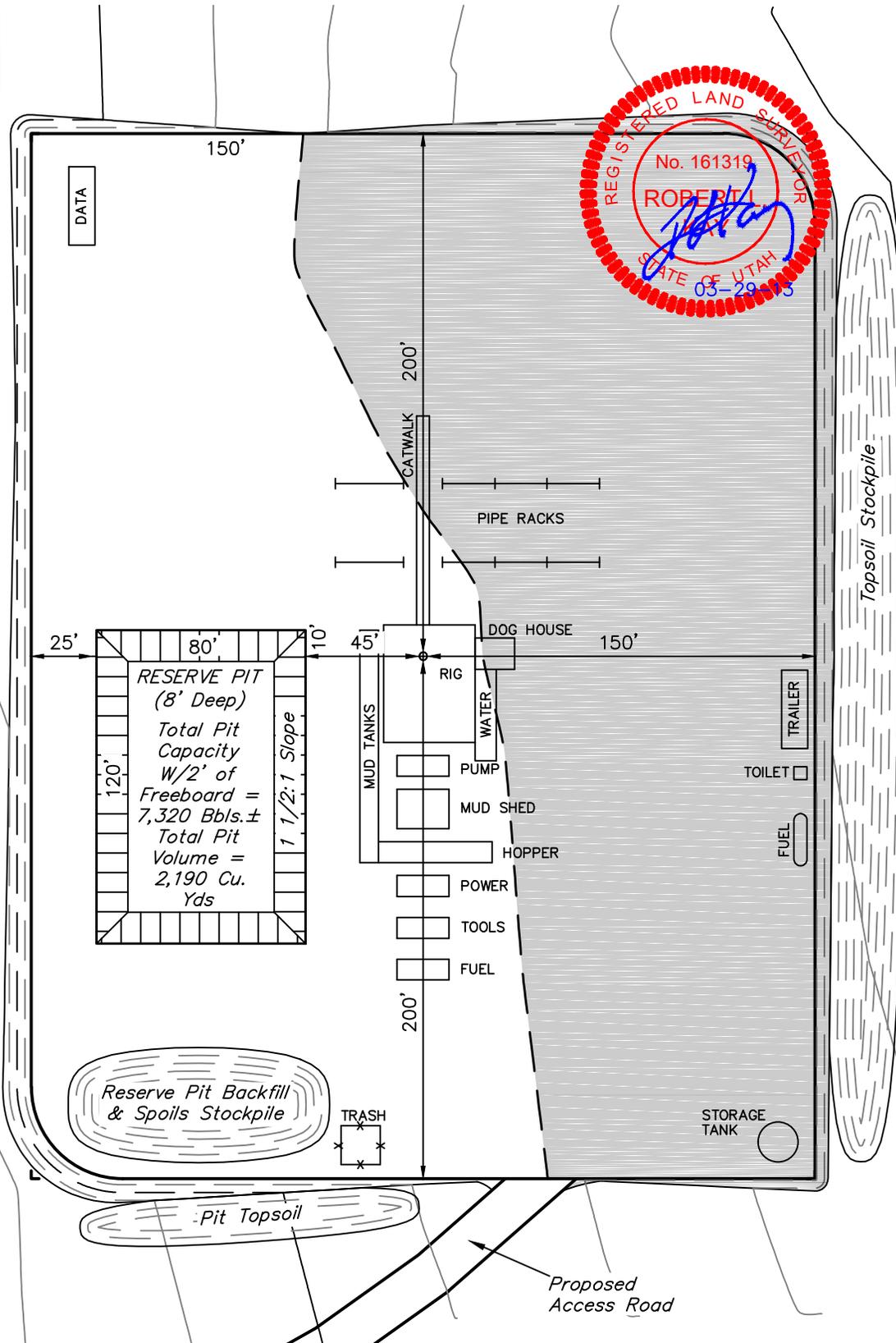
FIGURE #3

SCALE: 1" = 60'

DATE: 05-22-12

DRAWN BY: J.J.

REV: 03-27-13 K.O.



# NEWFIELD EXPLORATION COMPANY

## PRODUCTION FACILITY LAYOUT FOR

#4-13-3-2WH

SECTION 12, T3S, R2W, U.S.B.&M.

201' FSL 1575' FWL

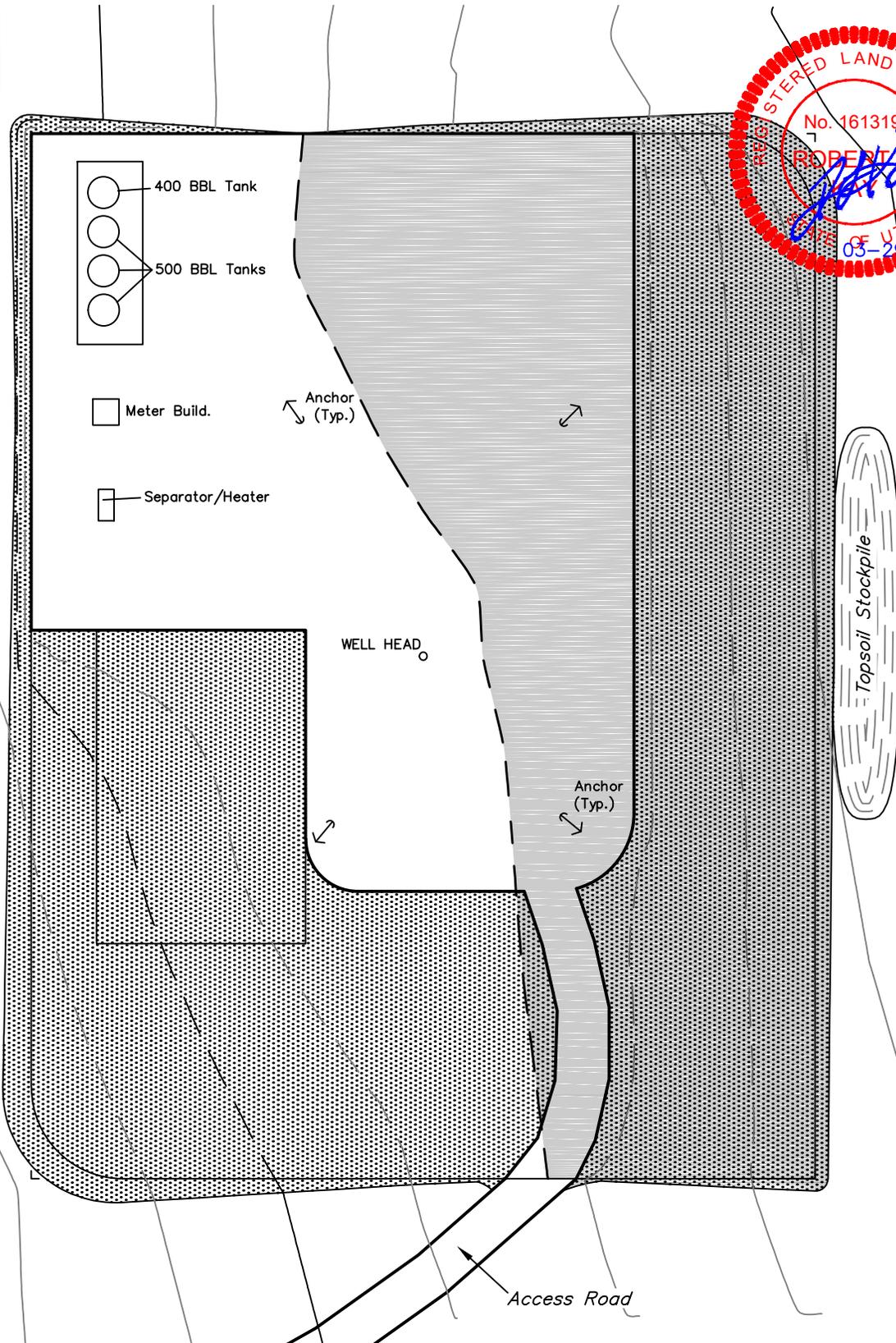
FIGURE #4

SCALE: 1" = 60'

DATE: 05-22-12

DRAWN BY: J.J.

REV: 03-27-13 K.O.

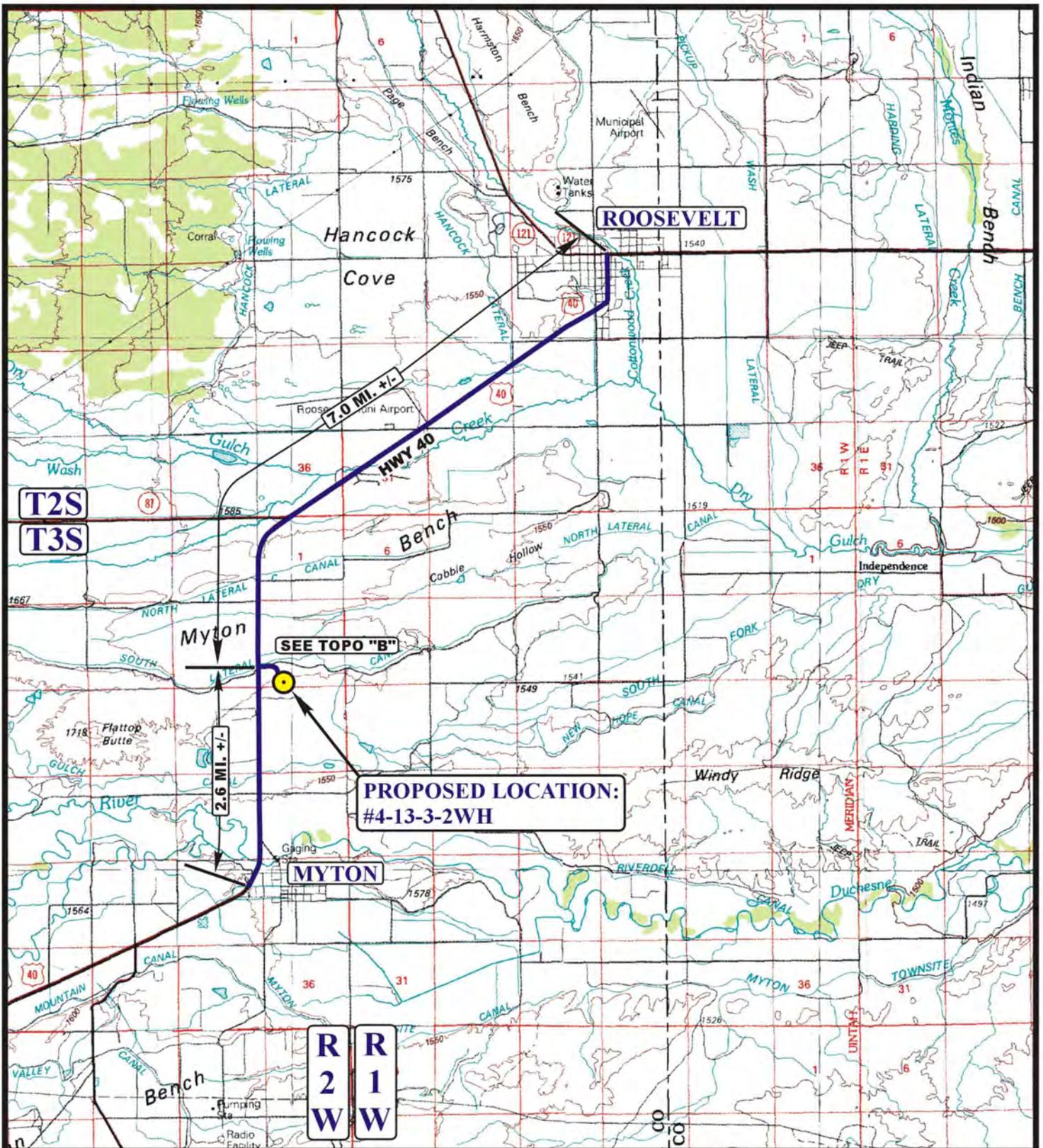


RECLAIMED AREA

APPROXIMATE ACREAGES  
UN-RECLAIMED = ± 1.342 ACRES

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

RECEIVED: Oct. 28, 2013



**7.0 MI. +/-**  
**HWY 40**  
**SEE TOPO "B"**  
**PROPOSED LOCATION:**  
**#4-13-3-2WH**  
**2.6 MI. +/-**

**LEGEND:** **NEWFIELD EXPLORATION COMPANY**

**PROPOSED LOCATION**

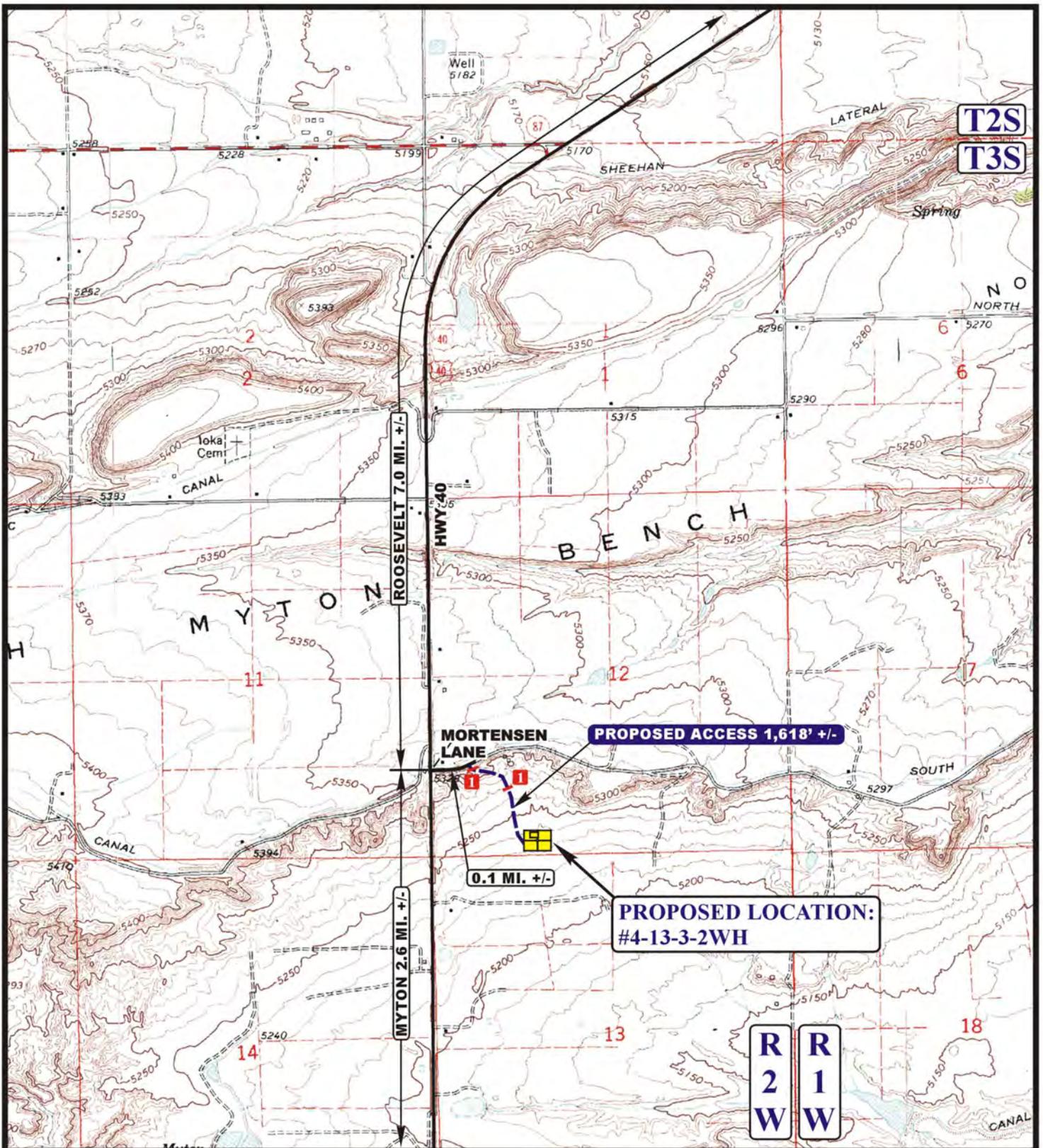


**#4-13-3-2WH**  
**SECTION 12, T3S, R2W, U.S.B.&M.**  
**201' FSL 1575' FWL**

**UELS**  
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**ACCESS ROAD MAP**  
**05 24 12**  
 MONTH DAY YEAR  
**SCALE: 1:100,000 DRAWN BY: A.T. REVISED: 03-28-13**





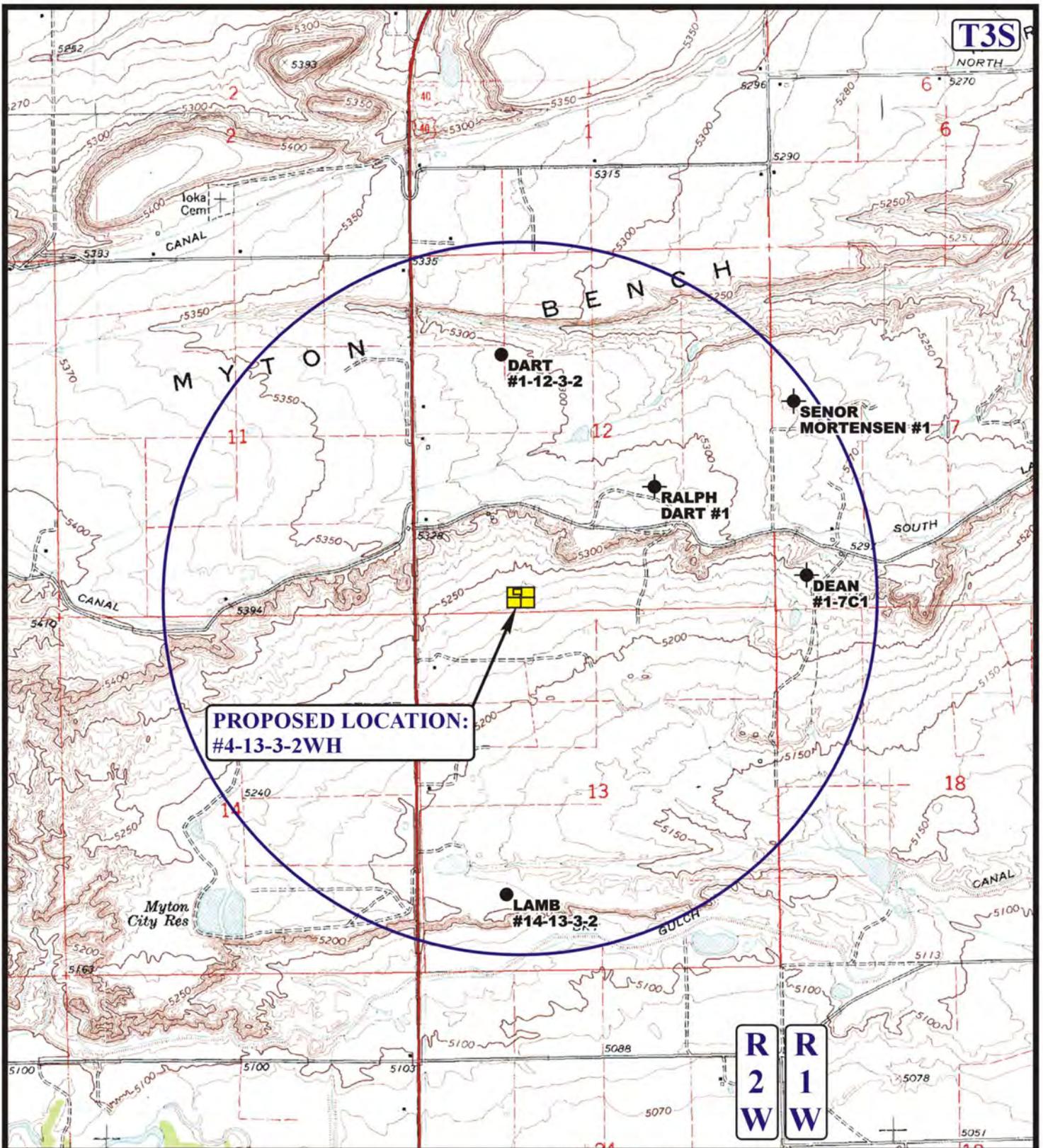
**LEGEND:**  
 ——— EXISTING ROAD  
 - - - - - PROPOSED ACCESS ROAD  
 ■ 18" CMP REQUIRED

**NEWFIELD EXPLORATION COMPANY**  
 #4-13-3-2WH  
 SECTION 12, T3S, R2W, U.S.B.&M.  
 201' FSL 1575' FWL

**UELS**  
 Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**ACCESS ROAD MAP**  
 05 24 12  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: A.T. REVISED: 03-28-13





**PROPOSED LOCATION:  
#4-13-3-2WH**

**LEGEND:**

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

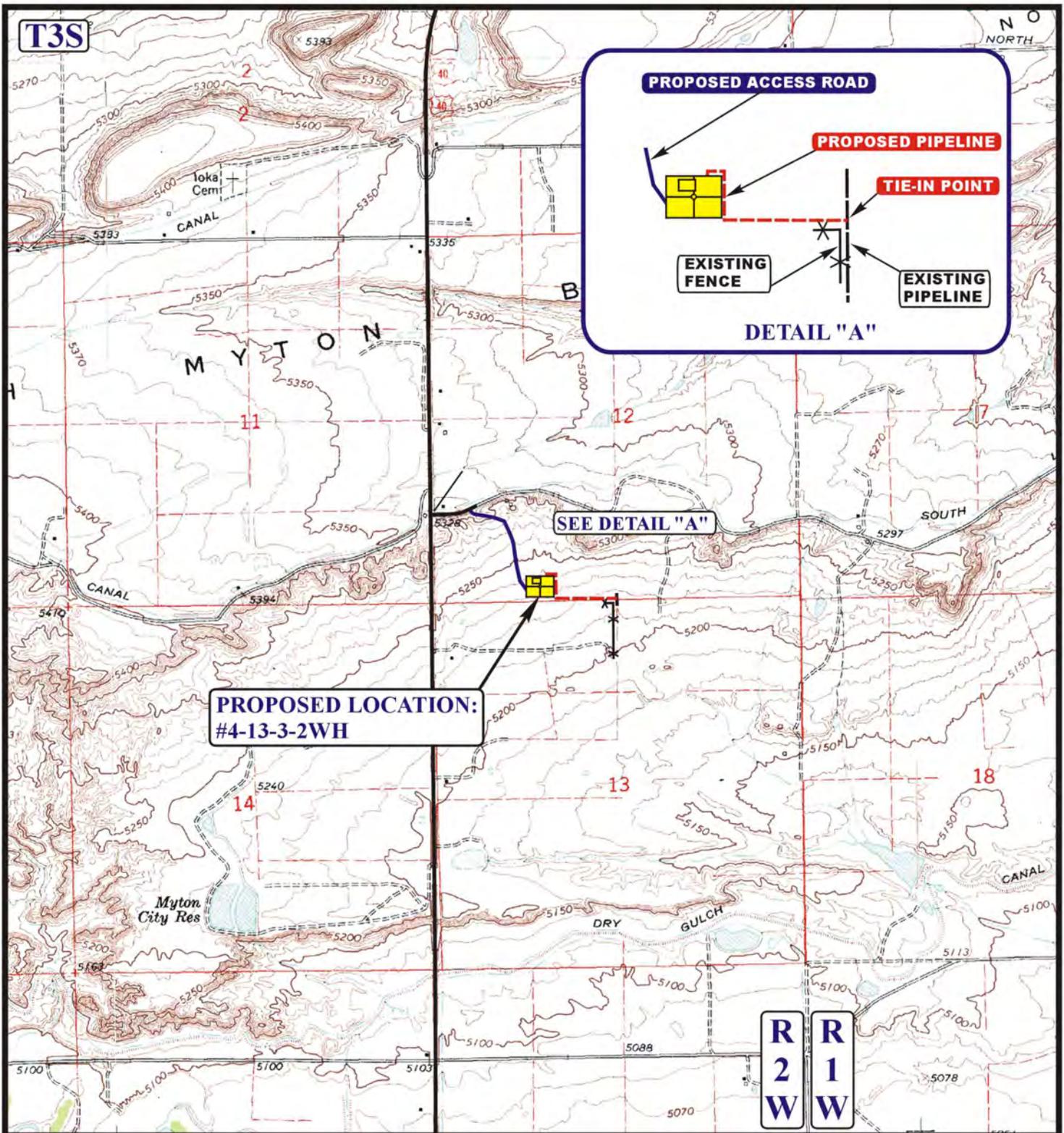
**NEWFIELD EXPLORATION COMPANY**

**#4-13-3-2WH**  
**SECTION 12, T3S, R2W, U.S.B.&M.**  
**201' FSL 1575' FWL**

**UELS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP** 05 24 12  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: A.T. REVISED: 03-28-13 **C TOPO**





**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,369' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- EXISTING FENCE

**NEWFIELD EXPLORATION COMPANY**

#4-13-3-2WH  
SECTION 12, T3S, R2W, U.S.B.&M.  
201' FSL 1575' FWL



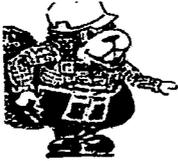
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP** 06 05 12  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.I. REV: 03-28-13 A.T.





# EAGER BEAVER TESTERS

DATE: 1-1-14 COMPANY: Newfield RIG: Pioneer 44 WELL NAME & #: Faucett 4-13-3-2W14

## ACCUMULATOR FUNCTION TESTS

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR

(O.S.O. #2 SECTION iii, A.3.C.1. OR II OR III)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (shut off pumps)
3. Open HCR Valve (if applicable)
4. Close annular
5. Close all pipe rams
6. Open one set of the pipe rams to simulate closing the blind ram
7. If you have a 3 ram stack open the annular to achieve the 50%+ safety factor for 5M and greater systems
8. Accumulator pressure should be 200 psi over desired precharge pressure, (accumulator working pressure (1500 psi= 750 desired psi) (2000 and 3000 psi= 100 desired psi)
9. Record the remaining pressure 1650 PSI

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS

(O.S.O. #2 SECTION III.A.2.F.)

1. Shut the accumulator bottles or spherical, (isolate them from the pumps and manifold) Open the bleed off valve to the tank, (manifold psi should go to 0 psi) close bleed valve.
2. Open the HCR valve (if applicable)
3. Close annular
4. With pumps only, time how long it takes to regain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure {1500 psi=750 desired psi} {2000 and 3000 psi= 1000 desired psi})
5. Record elapsed time 33 Sec (2 minutes or less)

TO CHECK THE PRECHARGE ON BOTTLES OR SPHERICAL

(O.S.O. #2 SECTION III.A.2.D.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure, (1500 psi=750 desired psi) (2000 and 3000 psi= 1000 desired psi) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to the tank
3. Watch and record where the pressure drops (accumulator psi)
4. Record the pressure drop 450 PSI

If pressure drops below the minimum precharge, (accumulator working pressure {1500 psi=700 min}{2000 and 3000 psi=

RECEIVED

JAN 06 2014

DIV. OF OIL, GAS & MINING



# EAGER BEAVER TESTERS INC.

P.O. BOX 1616  
ROCK SPRINGS, WY 82902

PHONE:  
ROCK SPRINGS: (307) 382-3350

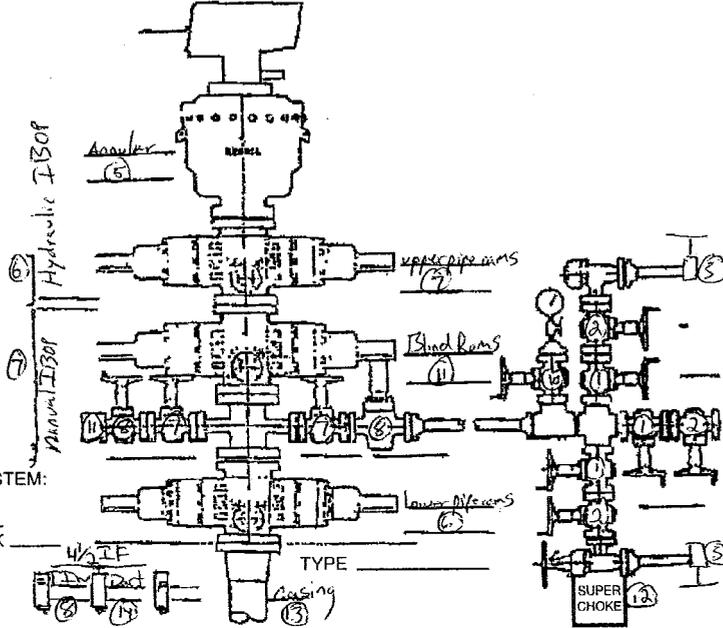
43 013 51614

## BOP TEST REPORT

DATE: 1-1-14 OPERATOR: Newfield RIG OR SITE #: Pioneer 44 SEC: 12 TNSHIP: 35 RANGE: 2W  
FIELD: FEF WELL #: Essett 4-15-3-2WH TEST PRESSURE: 250/5000 psi

### EQUIPMENT PRESSURE TESTED:

ANNULAR 50%	5
UPPER PIPE RAMS	7
LOWER PIPE RAMS	6
BLIND RAMS	11
KILL LINE VALVES	7,8
HCR VALVE	8
CHOKE VALVES	7
MANIFOLD VALVES	1,2,3
SUPER CHOKE	12
MANUAL CHOKE	N/A
UPPER KELLY VALVE	6
LOWER KELLY VALVE	7
INSIDE BOP	8
FLOOR VALVE	14
CASING PRE. 1600 psi	13
Mudline pre. 4000 psi	4,9



### ACCUMULATOR AND CLOSING SYSTEM:

NITROGEN PRECHARGE PSI 950  
FIELD CHECK  GAUGE CHECK   
BOTTLES  SPHERES

FUNCTION CHECK 33 Sec  
PUMP CHECK 1650  
REMOTE OPERATION CHECK   
HYDRAULIC FLUID LEVEL

### OTHER TESTS:

EQUIPMENT TYPE \_\_\_\_\_ PRESSURE \_\_\_\_\_

### REPAIRS OR POTENTIAL PROBLEMS:

Annular Element Had to be replaced, Kelly hose Had to be replaced

RECEIVED

JAN 06 2014

DIV. OF OIL, GAS & MINING

# EAGER BEAVER TESTERS

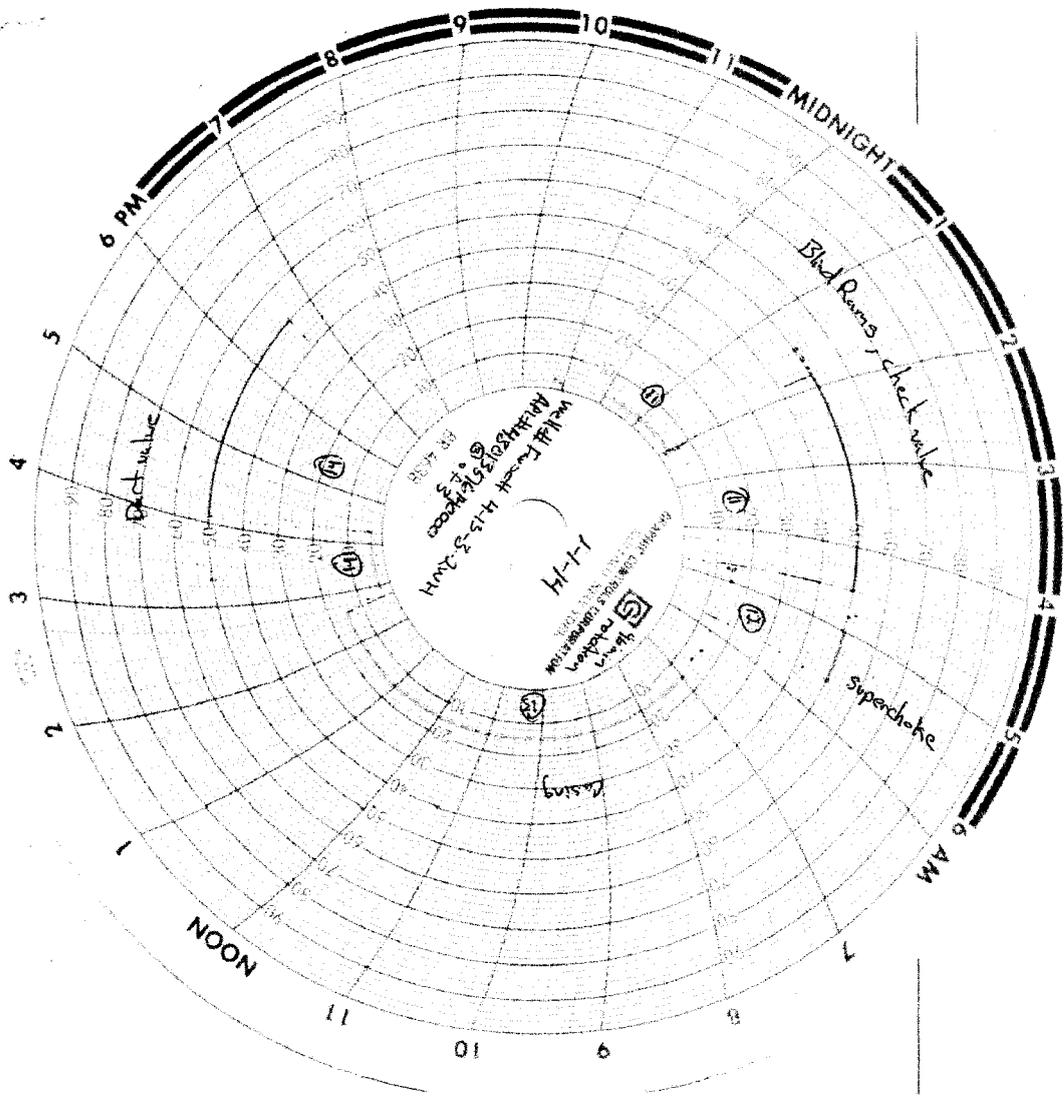
DATE: 1-14 COMPANY: Newbold RIG: Pioneer 414 WELL NAME & #: Fausett 4-13-32WH

Time	AM <input type="checkbox"/> PM <input type="checkbox"/>	Test No.	Description	Result
<u>(1-14)</u> <u>2:35</u>		<u>1</u>	<u>inside manifold valves</u>	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
<u>2:57</u>		<u>2</u>	<u>* outside manifold valves</u>	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
<u>2:23</u>		<u>3</u>	<u>Downstream manifold valves</u>	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
<u>5:02</u>		<u>4</u>	<u>mudline</u>	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
<u>(1-2-14)</u> <u>2:09</u>		<u>5</u>	<u>Anular</u>	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
<u>2:31</u>		<u>6</u>	<u>Hydraulic IBOP, lower pipe rams</u>	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
<u>2:52</u>		<u>7</u>	<u>Manual IBOP, upper pipe rams, inside kill &amp; choke valves</u>	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
<u>3:13</u>		<u>8</u>	<u>TIW, outside kill, HCR</u>	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
<u>4:12</u>		<u>9</u>	<u>mudline</u>	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
<u>5:28</u>		<u>10</u>	<u>Riser valve</u>	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
<u>6:04</u>		<u>11</u>	<u>Blood Rams, check valve</u>	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
<u>6:28</u>		<u>12</u>	<u><del>super</del> super choke</u>	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
<u>8:46</u>		<u>13</u>	<u>Casing</u>	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
<u>9:25</u>		<u>14</u>	<u>Dart</u>	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
	AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Acc. Tank Size (inches) ( \_\_\_\_\_ W \_\_\_\_\_ D \_\_\_\_\_ L) ÷ 231 = \_\_\_\_\_ gal.

Rock Springs, WY (307) 382-3350  
 BOP TESTING, CASING TESTING, LEAK OFF TESTING, &  
 INTEGRITY TESTING  
 NIPPLE UP CREWS, NITROGEN CHARGING SERVICE

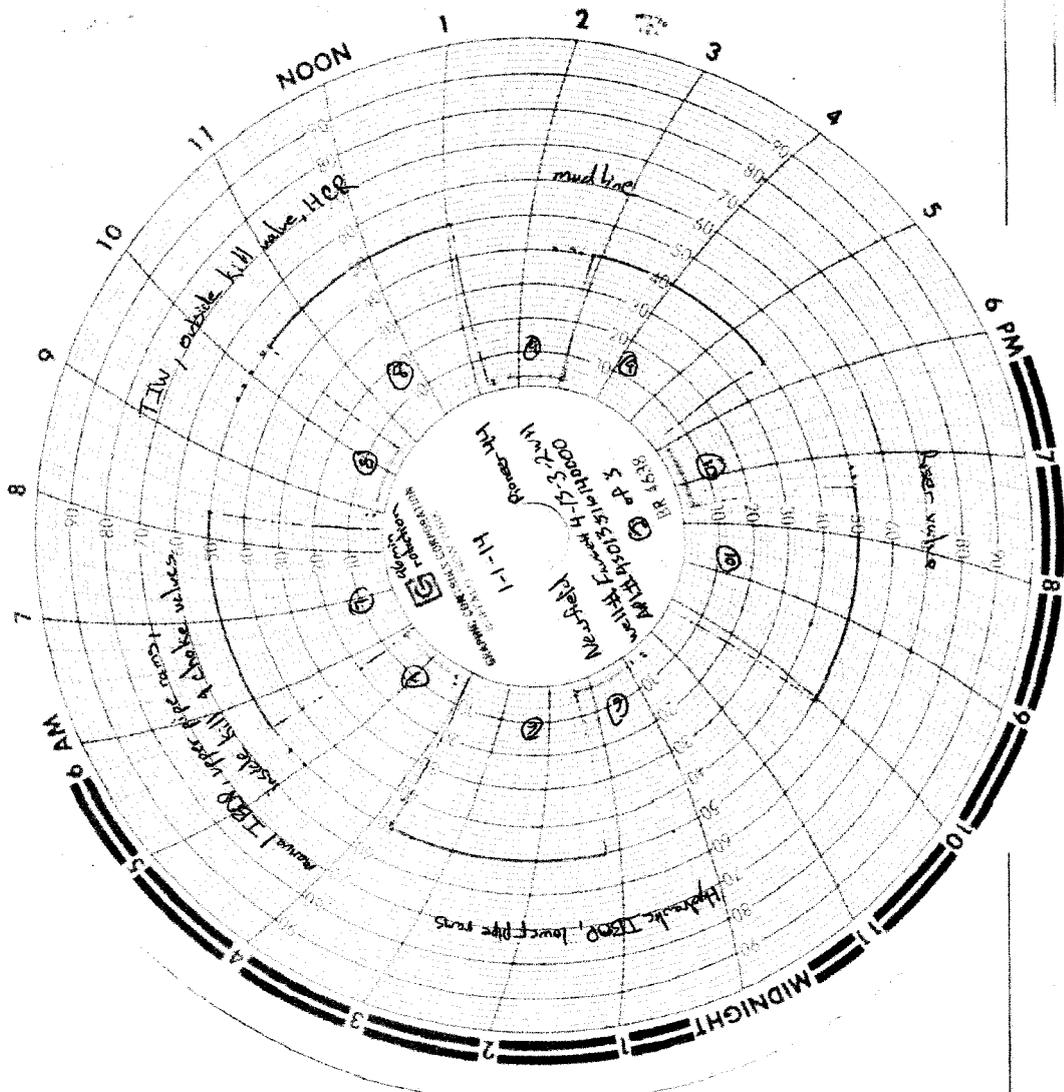


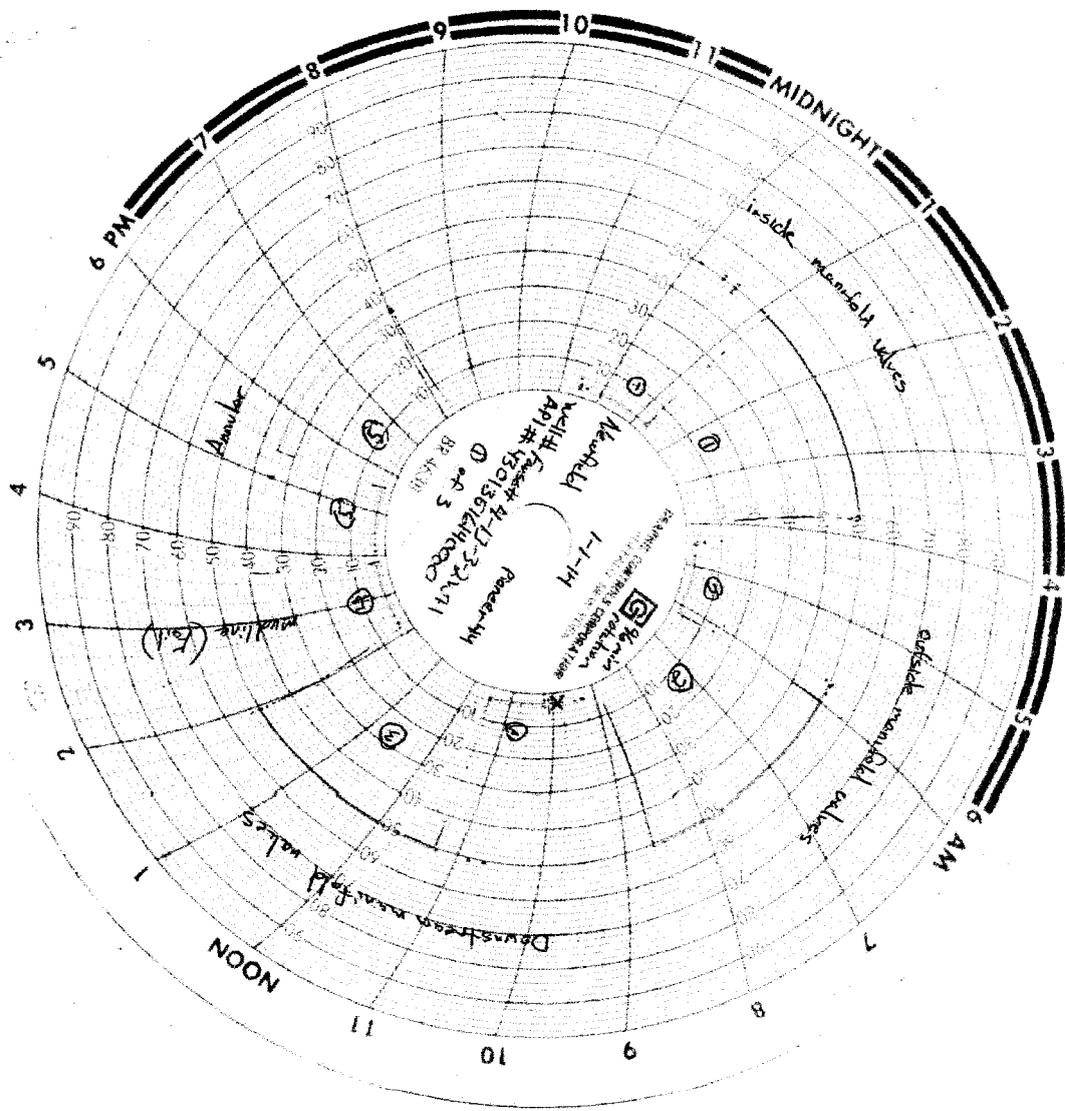


RECEIVED

JAN 06 2014

DIV. OF OIL, GAS & MINING





RECEIVED

JAN 06 2014

DIV. OF OIL, GAS & MINING

Chart #2 on Reverse

RECEIVED

JAN 09 2014

# EAGER BEAVER TESTERS

DIV. OF OIL, GAS & MINING

DATE: 1-9-14 COMPANY: Newfield

RIG: Pioneer 44

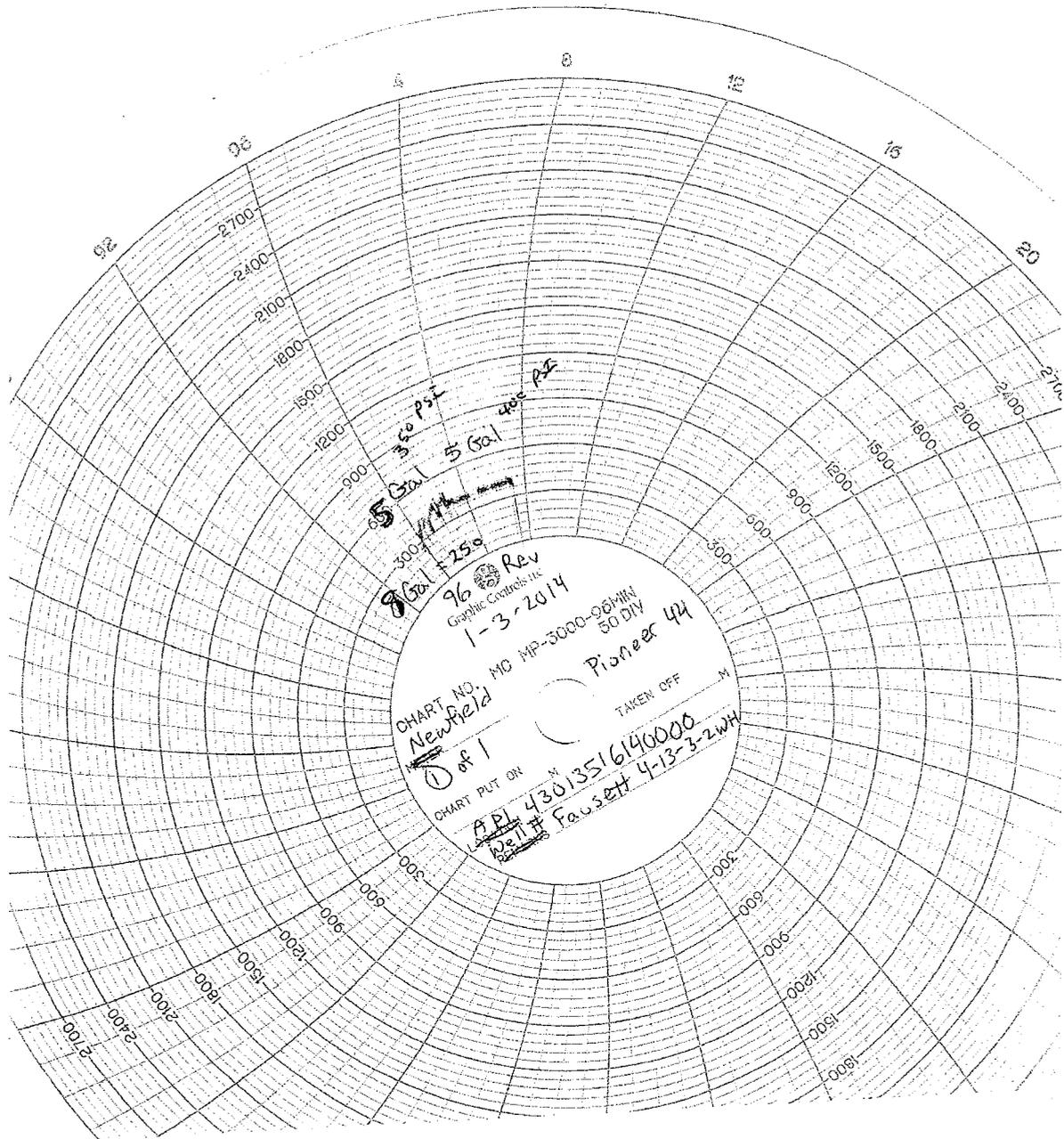
WELL NAME & #: Fawcett 4-13-3-2WH

Time	Test No.	Results
1:57 AM <input type="checkbox"/> PM <input type="checkbox"/>	1	FIT - 400 PSI @ 4 min <span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	2	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	3	43 OIB 5164 <span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	4	3S 2W 12 <span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	5	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	6	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	7	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	8	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	9	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	10	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	11	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	12	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	13	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	14	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	<span style="float:right">Pass <input type="checkbox"/> Fail <input type="checkbox"/></span>

Acc. Tank Size (inches) ( \_\_\_\_\_ W \_\_\_\_\_ D \_\_\_\_\_ ) ÷ 231 = \_\_\_\_\_ gal.

Rock Springs, WY (307) 382-3350  
 BOP TESTING, CASING TESTING, LEAK OFF TESTING, &  
 INTEGRITY TESTING  
 NIPPLE UP CREWS, NITROGEN CHARGING SERVICE





300 PSF  
5 Gal  
400 PSF

96 Rev  
Graphic Controls Inc  
1-3-2014

CHART NO. Newfield  
MO MP-3000-50MM  
50 DIV

CHART PUT ON  
4-13-3516140000  
Pioneer 44

TAKEN OFF

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**

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

2. Name of Operator  
NEWFIELD 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 201' FSL 1575' FWL (SE/SW) SEC 12 T3S R2W

At top prod. interval reported below 395' FNL 2452' FWL (NE/NW) SEC 13 T3S R2W

At total depth 217' FSL 2438' FWL (SE/SW) SEC 13 T3S R2W

14. Date Spudded  
11/02/2013

15. Date T.D. Reached  
02/05/2014

16. Date Completed 03/29/2014  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
5237' GL 5263' KB

18. Total Depth: MD 14030'  
TVD 8587'

19. Plug Back T.D.: MD 13976'  
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)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
19-1/2"	13-3/8" J-55	54.50	0'	1632'		1225 CLASS G			
12-5/8"	9-5/8" N-80	40.0	0'	8421'		1490 Versacem			
						390 Bondcem			
8-7/8"	5-1/2" P-110	20.0	0'	14021'		475 Bondcem			
						605 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@8728'	XN@8690'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	9360'	13748'	9360' - 13748' MD	0.34	364	
B) Green River	13845'	13848'	13845' - 13848' MD			Sleeve
C)						
D)						

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

Depth Interval	Amount and Type of Material
9360' - 13848' MD	Frac w/ 187,420#s of 20/40 white sand, 1,869,300 30/50 white sand, 24,020 100 mesh in 49,795 bbls of delta 25# fluid, in 23 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
3/29/14	4/9/14	24	→	731	474	270			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	6512' 6766'
				GARDEN GULCH 2 DOUGLAS CREEK	6925' 7656'
				B LIMESTONE CASTLE PEAK	8203' 8421'
				UTELAND BUTTE UTELAND BUTTE A	8721' 8735'
				UTELAND BUTTE B UTELAND BUTTE C	8748' 8771'
				UTELAND BUTTE D	8803'

32. Additional remarks (include plugging procedure):

Bottom Producing Interval: 381' FSL 2427' FWL Sec 13 T3S R2W

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 04/15/2014

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 EXPLORATION ROCKY MOUNTAINS**

**DUCHESNE COUNTY, UT (NAD 83)  
CENTRAL BASIN (NAD 83)  
4-13-3-2WH**

**4-13-3-2WH FAUSETT**

**Design: 4-13-3-2WH FAUSETT (Acutal)**

## **Standard Survey Report**

**03 February, 2014**





Survey Report



<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>Local Co-ordinate Reference:</b>	Well 4-13-3-2WH
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>TVD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Well:</b>	4-13-3-2WH	<b>North Reference:</b>	True
<b>Wellbore:</b>	4-13-3-2WH FAUSETT	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	4-13-3-2WH FAUSETT (Acutal)	<b>Database:</b>	EDM 5000.1 Lynn Db

<b>Project</b>	DUCHESNE COUNTY, UT (NAD 83),		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

<b>Site</b>	CENTRAL BASIN (NAD 83)				
<b>Site Position:</b>		<b>Northing:</b>	7,255,843.21 usft	<b>Latitude:</b>	40° 13' 50.461 N
<b>From:</b>	Map	<b>Easting:</b>	2,033,280.24 usft	<b>Longitude:</b>	110° 5' 34.149 W
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	20 "	<b>Grid Convergence:</b>	0.90 °

<b>Well</b>	4-13-3-2WH, "FAUSETT Prospect"					
<b>Well Position</b>	<b>+N/-S</b>	0.00 usft	<b>Northing:</b>	7,255,760.76 usft	<b>Latitude:</b>	40° 13' 48.280 N
	<b>+E/-W</b>	0.00 usft	<b>Easting:</b>	2,041,974.91 usft	<b>Longitude:</b>	110° 3' 42.070 W
<b>Position Uncertainty</b>		0.00 usft	<b>Wellhead Elevation:</b>	5,263.00 usft	<b>Ground Level:</b>	5,237.00 usft

<b>Wellbore</b>	4-13-3-2WH FAUSETT				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	BGGM2013	12/27/2013	11.11	65.87	52,034

<b>Design</b>	4-13-3-2WH FAUSETT (Acutal)				
<b>Audit Notes:</b>					
<b>Version:</b>	ACTUAL	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	180.00	

<b>Survey Program</b>	Date 2/1/2014				
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
100.00	1,500.00	Gyro Survey 0'- 1,500' MD (4-13-3-2WH F	Gyroscope	Gyroscope	
1,525.00	9,072.00	LEAM MWD (1500')1,525' MD-9,072' MD (	LEAM MWD-ADJ	MWD - Standard	
9,148.00	14,030.00	Pathfinder MWD 9,148'-13,971' MD(TD=1-	MWD-ISCWSA	MWD - Standard	

<b>Survey</b>										
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Vertical Section (usft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.68	100.48	100.00	-0.11	0.58	0.11	0.68	0.68	0.00	
200.00	1.34	130.80	199.98	-0.98	2.05	0.98	0.83	0.66	30.32	
300.00	1.87	130.63	299.94	-2.81	4.18	2.81	0.53	0.53	-0.17	
400.00	2.35	129.18	399.87	-5.16	7.00	5.16	0.48	0.48	-1.45	
500.00	2.42	124.04	499.79	-7.64	10.34	7.64	0.22	0.07	-5.14	



## Survey Report



<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>Local Co-ordinate Reference:</b>	Well 4-13-3-2WH
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>TVD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Well:</b>	4-13-3-2WH	<b>North Reference:</b>	True
<b>Wellbore:</b>	4-13-3-2WH FAUSETT	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	4-13-3-2WH FAUSETT (Acutal)	<b>Database:</b>	EDM 5000.1 Lynn Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
600.00	2.74	118.84	599.69	-9.98	14.18	9.98	0.40	0.32	-5.20
700.00	2.67	117.87	699.58	-12.22	18.34	12.22	0.08	-0.07	-0.97
800.00	2.02	111.40	799.49	-13.95	22.04	13.95	0.70	-0.65	-6.47
900.00	1.20	120.41	899.45	-15.12	24.58	15.12	0.86	-0.82	9.01
1,000.00	0.83	101.40	999.44	-15.80	26.19	15.80	0.50	-0.37	-19.01
1,100.00	0.35	66.00	1,099.43	-15.81	27.18	15.81	0.58	-0.48	-35.40
1,200.00	0.61	70.09	1,199.43	-15.51	27.96	15.51	0.26	0.26	4.09
1,300.00	0.98	84.03	1,299.42	-15.24	29.31	15.24	0.41	0.37	13.94
1,400.00	1.44	83.52	1,399.39	-15.01	31.41	15.01	0.46	0.46	-0.51
1,500.00	2.12	80.27	1,499.35	-14.55	34.48	14.55	0.69	0.68	-3.25
<b>Gyro Survey 0'- 1,500' MD</b>									
1,525.00	2.17	83.40	1,524.33	-14.42	35.41	14.42	0.51	0.20	12.52
1,632.00	2.99	83.96	1,631.22	-13.90	40.20	13.90	0.76	0.76	0.52
<b>13-3/8" Csg (1632' MD)</b>									
1,673.00	3.30	84.10	1,672.16	-13.66	42.43	13.66	0.76	0.76	0.34
1,767.00	3.30	79.30	1,766.00	-12.88	47.78	12.88	0.29	0.00	-5.11
1,862.00	1.60	26.90	1,860.92	-11.19	51.07	11.19	2.79	-1.79	-55.16
1,956.00	2.70	342.30	1,954.86	-7.91	50.99	7.91	2.05	1.17	-47.45
2,050.00	4.70	334.70	2,048.66	-2.32	48.67	2.32	2.19	2.13	-8.09
2,145.00	7.20	327.50	2,143.14	6.22	43.81	-6.22	2.74	2.63	-7.58
2,239.00	8.50	317.10	2,236.26	16.28	35.91	-16.28	2.04	1.38	-11.06
2,333.00	8.90	305.20	2,329.19	25.56	25.24	-25.56	1.96	0.43	-12.66
2,428.00	9.00	292.00	2,423.04	32.58	12.34	-32.58	2.16	0.11	-13.89
2,522.00	9.50	280.60	2,515.83	36.76	-2.10	-36.76	2.02	0.53	-12.13
2,616.00	10.60	275.70	2,608.39	39.05	-18.33	-39.05	1.48	1.17	-5.21
2,711.00	11.30	277.90	2,701.66	41.20	-36.24	-41.20	0.86	0.74	2.32
2,805.00	11.70	270.40	2,793.77	42.53	-54.89	-42.53	1.65	0.43	-7.98
2,900.00	12.80	268.50	2,886.61	42.32	-75.05	-42.32	1.23	1.16	-2.00
2,994.00	11.80	266.70	2,978.45	41.49	-95.05	-41.49	1.14	-1.06	-1.91
3,089.00	10.10	271.80	3,071.72	41.20	-113.08	-41.20	2.06	-1.79	5.37
3,183.00	10.20	273.20	3,164.25	41.92	-129.63	-41.92	0.28	0.11	1.49
3,277.00	11.00	272.50	3,256.64	42.78	-146.90	-42.78	0.86	0.85	-0.74
3,372.00	10.20	269.30	3,350.02	43.07	-164.36	-43.07	1.05	-0.84	-3.37
3,467.00	9.90	264.20	3,443.57	42.14	-180.90	-42.14	0.99	-0.32	-5.37
3,561.00	8.60	264.40	3,536.34	40.64	-195.93	-40.64	1.38	-1.38	0.21
3,656.00	8.90	262.70	3,630.24	39.01	-210.29	-39.01	0.42	0.32	-1.79
3,750.00	9.30	261.10	3,723.05	36.91	-225.01	-36.91	0.50	0.43	-1.70
3,845.00	7.80	268.80	3,817.00	35.59	-239.04	-35.59	1.98	-1.58	8.11
3,939.00	7.00	268.60	3,910.21	35.32	-251.14	-35.32	0.85	-0.85	-0.21
4,033.00	7.00	266.00	4,003.51	34.78	-262.58	-34.78	0.34	0.00	-2.77
4,128.00	6.90	264.20	4,097.82	33.80	-274.03	-33.80	0.25	-0.11	-1.89
4,222.00	7.40	275.50	4,191.09	33.81	-285.68	-33.81	1.58	0.53	12.02



## Survey Report



<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>Local Co-ordinate Reference:</b>	Well 4-13-3-2WH
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>TVD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Well:</b>	4-13-3-2WH	<b>North Reference:</b>	True
<b>Wellbore:</b>	4-13-3-2WH FAUSETT	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	4-13-3-2WH FAUSETT (Acutal)	<b>Database:</b>	EDM 5000.1 Lynn Db

## Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,316.00	7.10	274.10	4,284.34	34.80	-297.50	-34.80	0.37	-0.32	-1.49
4,410.00	6.80	269.00	4,377.65	35.12	-308.86	-35.12	0.73	-0.32	-5.43
4,505.00	7.40	280.20	4,471.92	36.11	-320.50	-36.11	1.58	0.63	11.79
4,599.00	7.30	279.90	4,565.15	38.20	-332.34	-38.20	0.11	-0.11	-0.32
4,694.00	7.10	271.80	4,659.41	39.43	-344.16	-39.43	1.09	-0.21	-8.53
4,788.00	7.80	268.60	4,752.61	39.45	-356.34	-39.45	0.87	0.74	-3.40
4,883.00	7.70	263.00	4,846.75	38.52	-369.10	-38.52	0.80	-0.11	-5.89
4,977.00	8.00	259.10	4,939.86	36.52	-381.77	-36.52	0.65	0.32	-4.15
5,072.00	8.60	263.90	5,033.87	34.51	-395.33	-34.51	0.96	0.63	5.05
5,166.00	9.60	271.80	5,126.69	34.01	-410.15	-34.01	1.70	1.06	8.40
5,261.00	9.20	270.40	5,220.41	34.31	-425.66	-34.31	0.48	-0.42	-1.47
5,355.00	8.70	266.90	5,313.27	33.98	-440.28	-33.98	0.79	-0.53	-3.72
5,449.00	8.10	265.80	5,406.26	33.11	-453.98	-33.11	0.66	-0.64	-1.17
5,544.00	8.20	271.80	5,500.30	32.83	-467.43	-32.83	0.90	0.11	6.32
5,638.00	7.60	269.30	5,593.41	32.97	-480.34	-32.97	0.74	-0.64	-2.66
5,733.00	7.10	264.20	5,687.63	32.30	-492.47	-32.30	0.86	-0.53	-5.37
5,827.00	8.10	264.60	5,780.80	31.09	-504.84	-31.09	1.07	1.06	0.43
5,921.00	8.50	269.20	5,873.82	30.37	-518.38	-30.37	0.82	0.43	4.89
6,014.00	8.90	272.80	5,965.75	30.62	-532.44	-30.62	0.73	0.43	3.87
6,109.00	8.70	268.10	6,059.63	30.74	-546.96	-30.74	0.79	-0.21	-4.95
6,203.00	8.50	266.70	6,152.58	30.11	-561.00	-30.11	0.31	-0.21	-1.49
6,297.00	7.60	270.40	6,245.65	29.75	-574.15	-29.75	1.10	-0.96	3.94
6,392.00	7.50	273.70	6,339.83	30.19	-586.62	-30.19	0.47	-0.11	3.47
6,486.00	7.30	271.30	6,433.04	30.73	-598.71	-30.73	0.39	-0.21	-2.55
6,581.00	7.40	270.40	6,527.26	30.91	-610.86	-30.91	0.16	0.11	-0.95
6,675.00	7.90	276.20	6,620.43	31.65	-623.34	-31.65	0.98	0.53	6.17
6,770.00	7.70	273.70	6,714.55	32.76	-636.18	-32.76	0.41	-0.21	-2.63
6,864.00	8.20	274.30	6,807.65	33.67	-649.15	-33.67	0.54	0.53	0.64
6,959.00	7.50	272.00	6,901.76	34.39	-662.10	-34.39	0.81	-0.74	-2.42
7,053.00	8.00	274.60	6,994.90	35.13	-674.75	-35.13	0.65	0.53	2.77
7,148.00	7.90	278.50	7,088.98	36.63	-687.80	-36.63	0.58	-0.11	4.11
7,242.00	7.70	277.10	7,182.12	38.36	-700.44	-38.36	0.29	-0.21	-1.49
7,336.00	8.10	278.50	7,275.22	40.12	-713.24	-40.12	0.47	0.43	1.49
7,431.00	7.90	278.30	7,369.30	42.05	-726.32	-42.05	0.21	-0.21	-0.21
7,525.00	7.90	270.00	7,462.41	42.98	-739.17	-42.98	1.21	0.00	-8.83
7,620.00	8.00	266.20	7,556.50	42.55	-752.29	-42.55	0.56	0.11	-4.00
7,714.00	6.70	270.70	7,649.72	42.18	-764.30	-42.18	1.51	-1.38	4.79
7,808.00	6.90	272.10	7,743.06	42.45	-775.43	-42.45	0.28	0.21	1.49
7,903.00	6.40	268.30	7,837.42	42.50	-786.43	-42.50	0.70	-0.53	-4.00
7,997.00	6.20	261.60	7,930.86	41.61	-796.68	-41.61	0.81	-0.21	-7.13
8,092.00	6.20	256.70	8,025.30	39.68	-806.75	-39.68	0.56	0.00	-5.16
8,186.00	5.10	249.60	8,118.84	37.05	-815.61	-37.05	1.38	-1.17	-7.55



## Survey Report



<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>Local Co-ordinate Reference:</b>	Well 4-13-3-2WH
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>TVD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Well:</b>	4-13-3-2WH	<b>North Reference:</b>	True
<b>Wellbore:</b>	4-13-3-2WH FAUSETT	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	4-13-3-2WH FAUSETT (Acutal)	<b>Database:</b>	EDM 5000.1 Lynn Db

## Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,281.00	4.00	235.90	8,213.55	33.72	-822.31	-33.72	1.62	-1.16	-14.42
8,361.00	4.09	228.99	8,293.35	30.29	-826.77	-30.29	0.62	0.11	-8.64
<b>9-5/8" Csg (8361' MD- 8293.35 TVD) - 9-5/8" Csg (8361' MD)</b>									
8,368.00	4.10	228.40	8,300.33	29.96	-827.15	-29.96	0.62	0.15	-8.41
8,475.00	5.60	194.80	8,406.96	22.37	-831.34	-22.37	2.94	1.40	-31.40
8,506.00	7.60	173.20	8,437.76	18.87	-831.49	-18.87	10.18	6.45	-69.68
8,538.00	10.40	176.70	8,469.37	13.88	-831.07	-13.88	8.91	8.75	10.94
8,569.00	11.60	183.20	8,499.80	7.98	-831.08	-7.98	5.56	3.87	20.97
8,600.00	14.20	188.30	8,530.01	1.10	-831.81	-1.10	9.15	8.39	16.45
8,632.00	17.90	190.10	8,560.76	-7.63	-833.23	7.63	11.67	11.56	5.63
8,663.00	22.00	190.60	8,589.89	-18.03	-835.14	18.03	13.24	13.23	1.61
8,695.00	27.80	190.40	8,618.91	-31.27	-837.59	31.27	18.13	18.13	-0.63
8,726.00	32.80	190.10	8,645.66	-46.66	-840.37	46.66	16.14	16.13	-0.97
8,758.00	37.00	189.90	8,671.90	-64.68	-843.55	64.68	13.13	13.13	-0.63
8,789.00	42.60	189.70	8,695.71	-84.23	-846.92	84.23	18.07	18.06	-0.65
8,821.00	47.70	189.50	8,718.27	-106.59	-850.70	106.59	15.94	15.94	-0.63
8,852.00	51.90	188.30	8,738.28	-129.98	-854.36	129.98	13.87	13.55	-3.87
8,884.00	56.60	186.00	8,756.97	-155.74	-857.57	155.74	15.80	14.69	-7.19
8,915.00	60.90	185.10	8,773.05	-182.11	-860.13	182.11	14.09	13.87	-2.90
8,946.00	65.80	184.30	8,786.95	-209.72	-862.40	209.72	15.97	15.81	-2.58
8,978.00	72.60	182.70	8,798.30	-239.56	-864.21	239.56	21.76	21.25	-5.00
9,009.00	77.80	182.00	8,806.22	-269.49	-865.44	269.49	16.92	16.77	-2.26
9,041.00	81.80	182.50	8,811.89	-300.96	-866.67	300.96	12.59	12.50	1.56
9,072.00	85.40	182.80	8,815.34	-331.72	-868.10	331.72	11.65	11.61	0.97
<b>LEAM MWD Survey 1525'- 9,072' MD</b>									
9,148.00	91.80	182.21	8,817.20	-407.59	-871.42	407.59	8.46	8.42	-0.78
<b>Pathfinder MWD 9148' MD</b>									
9,242.00	91.45	182.13	8,814.53	-501.48	-874.98	501.48	0.38	-0.37	-0.09
9,337.00	91.36	179.93	8,812.20	-596.43	-876.68	596.43	2.32	-0.09	-2.32
9,431.00	92.33	180.57	8,809.18	-690.38	-877.09	690.38	1.24	1.03	0.68
9,526.00	92.15	178.22	8,805.46	-785.30	-876.09	785.30	2.48	-0.19	-2.47
9,620.00	91.89	177.79	8,802.15	-879.18	-872.82	879.18	0.53	-0.28	-0.46
9,715.00	92.33	177.94	8,798.65	-974.05	-869.28	974.05	0.49	0.46	0.16
9,809.00	92.59	178.17	8,794.62	-1,067.91	-866.10	1,067.91	0.37	0.28	0.24
9,903.00	93.12	178.70	8,789.93	-1,161.76	-863.53	1,161.76	0.80	0.56	0.56
9,997.00	93.39	179.21	8,784.60	-1,255.59	-861.82	1,255.59	0.61	0.29	0.54
10,092.00	93.12	178.50	8,779.20	-1,350.42	-859.92	1,350.42	0.80	-0.28	-0.75
10,186.00	93.39	177.83	8,773.86	-1,444.22	-856.92	1,444.22	0.77	0.29	-0.71
10,280.00	93.74	177.91	8,768.02	-1,537.97	-853.43	1,537.97	0.38	0.37	0.09
10,375.00	93.65	178.08	8,761.90	-1,632.72	-850.12	1,632.72	0.20	-0.09	0.18
10,469.00	92.15	177.91	8,757.14	-1,726.53	-846.83	1,726.53	1.61	-1.60	-0.18
10,563.00	91.63	178.45	8,754.04	-1,820.44	-843.85	1,820.44	0.80	-0.55	0.57



## Survey Report



<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>Local Co-ordinate Reference:</b>	Well 4-13-3-2WH
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>TVD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Well:</b>	4-13-3-2WH	<b>North Reference:</b>	True
<b>Wellbore:</b>	4-13-3-2WH FAUSETT	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	4-13-3-2WH FAUSETT (Acupal)	<b>Database:</b>	EDM 5000.1 Lynn Db

## Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,658.00	92.95	179.55	8,750.25	-1,915.34	-842.19	1,915.34	1.81	1.39	1.16
10,752.00	93.39	180.42	8,745.05	-2,009.20	-842.17	2,009.20	1.04	0.47	0.93
10,847.00	93.30	180.47	8,739.50	-2,104.03	-842.90	2,104.03	0.11	-0.09	0.05
10,941.00	91.89	180.40	8,735.25	-2,197.93	-843.61	2,197.93	1.50	-1.50	-0.07
11,035.00	91.19	180.22	8,732.72	-2,291.89	-844.12	2,291.89	0.77	-0.74	-0.19
11,130.00	91.10	180.54	8,730.82	-2,386.87	-844.75	2,386.87	0.35	-0.09	0.34
11,224.00	91.71	181.63	8,728.52	-2,480.83	-846.53	2,480.83	1.33	0.65	1.16
11,319.00	91.28	181.66	8,726.04	-2,575.75	-849.26	2,575.75	0.45	-0.45	0.03
11,413.00	90.48	181.45	8,724.60	-2,669.71	-851.81	2,669.71	0.88	-0.85	-0.22
11,507.00	90.66	181.13	8,723.66	-2,763.68	-853.92	2,763.68	0.39	0.19	-0.34
11,602.00	92.42	179.98	8,721.11	-2,858.64	-854.85	2,858.64	2.21	1.85	-1.21
11,696.00	93.30	182.69	8,716.42	-2,952.48	-857.03	2,952.48	3.03	0.94	2.88
11,790.00	93.03	179.91	8,711.23	-3,046.31	-859.16	3,046.31	2.97	-0.29	-2.96
11,885.00	93.12	175.08	8,706.13	-3,141.05	-855.02	3,141.05	5.08	0.09	-5.08
11,979.00	91.89	171.59	8,702.02	-3,234.31	-844.12	3,234.31	3.93	-1.31	-3.71
12,074.00	92.59	171.75	8,698.31	-3,328.24	-830.36	3,328.24	0.76	0.74	0.17
12,168.00	91.19	173.05	8,695.20	-3,421.35	-817.94	3,421.35	2.03	-1.49	1.38
12,262.00	94.35	175.53	8,690.66	-3,514.76	-808.60	3,514.76	4.27	3.36	2.64
12,357.00	94.79	178.68	8,683.09	-3,609.32	-803.81	3,609.32	3.34	0.46	3.32
12,451.00	95.07	178.91	8,675.01	-3,702.96	-801.84	3,702.96	0.38	0.30	0.24
12,545.00	94.70	181.28	8,667.01	-3,796.61	-802.00	3,796.61	2.54	-0.39	2.52
12,639.00	95.32	181.31	8,658.80	-3,890.22	-804.12	3,890.22	0.66	0.66	0.03
12,734.00	95.14	181.00	8,650.14	-3,984.81	-806.02	3,984.81	0.38	-0.19	-0.33
12,828.00	93.65	181.21	8,642.94	-4,078.51	-807.83	4,078.51	1.60	-1.59	0.22
12,922.00	91.80	181.74	8,638.47	-4,172.37	-810.25	4,172.37	2.05	-1.97	0.56
13,017.00	93.39	181.74	8,634.17	-4,267.23	-813.13	4,267.23	1.67	1.67	0.00
13,111.00	94.26	181.49	8,627.89	-4,360.98	-815.77	4,360.98	0.96	0.93	-0.27
13,205.00	92.59	182.71	8,622.28	-4,454.74	-819.21	4,454.74	2.20	-1.78	1.30
13,299.00	92.42	183.10	8,618.17	-4,548.53	-823.97	4,548.53	0.45	-0.18	0.41
13,394.00	93.30	183.75	8,613.43	-4,643.24	-829.64	4,643.24	1.15	0.93	0.68
13,488.00	91.71	183.27	8,609.32	-4,736.97	-835.39	4,736.97	1.77	-1.69	-0.51
13,582.00	91.80	182.87	8,606.44	-4,830.79	-840.42	4,830.79	0.44	0.10	-0.43
13,676.00	91.54	182.05	8,603.70	-4,924.67	-844.45	4,924.67	0.91	-0.28	-0.87
13,770.00	91.80	181.84	8,600.96	-5,018.57	-847.64	5,018.57	0.36	0.28	-0.22
13,865.00	93.30	183.42	8,596.74	-5,113.37	-852.00	5,113.37	2.29	1.58	1.66
13,959.00	93.39	184.37	8,591.25	-5,206.99	-858.37	5,206.99	1.01	0.10	1.01
13,971.00	93.12	183.89	8,590.57	-5,218.94	-859.23	5,218.94	4.58	-2.25	-4.00
<b>Pathfinder MWD 9148'- 13971' MD</b>									
14,030.00	93.12	183.89	8,587.36	-5,277.72	-863.23	5,277.72	0.00	0.00	0.00
<b>Projected to T.D.= 14030' MD- 8587.36' TVD</b>									



## Survey Report



<b>Company:</b>	NEWFIELD EXPLORATION ROCKY MOUNTAINS	<b>Local Co-ordinate Reference:</b>	Well 4-13-3-2WH
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 83)	<b>TVD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Site:</b>	CENTRAL BASIN (NAD 83)	<b>MD Reference:</b>	WELL (5237'+ 26'= 5263'MSL) @ 5263.00usft (Pioneer 44 (KB= 26'))
<b>Well:</b>	4-13-3-2WH	<b>North Reference:</b>	True
<b>Wellbore:</b>	4-13-3-2WH FAUSETT	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	4-13-3-2WH FAUSETT (Acutal)	<b>Database:</b>	EDM 5000.1 Lynn Db

Casing Points				
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,632.00	1,631.22	13-3/8" Csg (1632' MD)	13-3/8	13-3/8
8,361.00	8,293.35	9-5/8" Csg (8361' MD)	9-5/8	9-5/8

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
1,500.00	1,499.35	-14.55	34.48	Gyro Survey 0'- 1,500' MD	
8,361.00	8,293.35	30.29	-826.77	9-5/8" Csg (8361' MD- 8293.35 TVD)	
9,072.00	8,815.34	-331.72	-868.10	LEAM MWD Survey 1525'- 9,072' MD	
9,148.00	8,817.20	-407.59	-871.42	Pathfinder MWD 9148' MD	
13,971.00	8,590.57	-5,218.94	-859.23	Pathfinder MWD 9148'- 13971' MD	
14,030.00	8,587.36	-5,277.72	-863.23	Projected to T.D.= 14030' MD- 8587.36' TVD	

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



**Summary Rig Activity**

**Well Name: Fausett 4-13-3-2WH**

Job Category	Job Start Date	Job End Date

**Daily Operations**

Report Start Date	Report End Date	24hr Activity Summary
2/11/2014	2/12/2014	NU frac stack, MIRU JW Wireline to pull bridge plug and run logs
Start Time	End Time	Comment
07:00	11:30	Held PreJob Meeting... Waiting for FMC 7 1/16" 10k Frac Stack to arrive and Nipple Up. Rockwater is hauling Flowback Equipment to location. 10K cameron tubing head for 5-1/2" casing with 7-1/16" flange looking up. 10K 7-1/16" 'Lower Master' hydraulic frac valve (HCR) (already installed) 10K 7-1/16" 'Upper Master' manual frac valve 10K 7-1/16" flowcross with dual, double 2-1/16" outlets 10K 7-1/16" 'Crown' manual frac valve (drilling already rigged up). FMC stack is Torqued Up and ready to test.
11:30	14:30	FMC 7 1/16" 10k Frac Stack is Torqued Up and ready to start testing as per NFX Policy 250-300psi Low – 5mins & 10K High – 10 mins. Rockwater is rigging up flowback equipment. HES Frac is spotting in Mountain Movers. 4-C is hauling in 450bbbls of Brine in our Brine holding tank.
14:30	22:00	FMC 7 1/16" 10k Frac Stack is tested as per NFX Policy 250-300psi Low – 5mins & 10K High – 10 mins. Rockwater is connecting their iron to the wellhead and will be ready to test as per NFX Policy 250-300 psi Low / 5mins & 10,000 psi High / 10mins. Begin testing Rockwater flowback equipment at 1730 pm. Finish testing at 2155. pm
22:00	00:00	Rig up wireline and test lubricator to 6000 psi. RIH w/ wireline and tag up on RBP @ 6010 WLM. Set tool string weight down on plug for 10 min to open equalizing port. Checked with flowback to make sure no flow on the casing. The gauge still showed 0. Begin jarring on plug to release. Made 3 jar attempts at 2300# pulled on jar. 23:15pm. Plug jarred free. Currently- POOH with RBP.

Report Start Date	Report End Date	24hr Activity Summary
2/12/2014	2/13/2014	MIRU Halliburton Frac
Start Time	End Time	Comment
00:00	06:00	Continue to POOH with wireline. Out of well with plug. Plug had oil based mud and sludge in the slips and on the plug body. Rig down retrieving tools and jars. Rehead wireline rope socket. Rig up logging tools. Make up lubricator and test to 6000 psi. Rih with logging tools.
06:00	08:00	Log from 9,018' to surface and hold 1,500 psi on casing with pressure test unit. 06:40 am Out of well with log tools. Brady Trucking off-loading sand into Halliburton sand units Days;
08:00	18:00	Brady Trucking off-loading sand into Halliburton sand units.... HES moving in Frac equipment to location and Rigging Up.



**Summary Rig Activity**

**Well Name: Fausett 4-13-3-2WH**

--

Start Time 18:00	End Time 00:00	Comment Brady Trucking off-loading sand into Halliburton sand units... HES finished Rigging Up and tested.  Plan Forward: Wait on Daylight to begin fracing well. Rockwater will be transferring water to location from recycle pad at 5am tomorrow morning. Super heater will be on location tomorrow morning at 6 to heat the manifold while fracing.
---------------------	-------------------	---

Report Start Date 2/13/2014	Report End Date 2/14/2014	24hr Activity Summary Fracing
--------------------------------	------------------------------	----------------------------------

Start Time 00:00	End Time 04:30	Comment Wait on Halliburton to start frac operations.
---------------------	-------------------	--

Start Time 04:30	End Time 06:30	Comment Halliburton pumping crew on location. Rockwater fluid transfer ready to start moving fluid from the Dart location to frac tanks, approx 37,000 bbls of produced water @ 97 degrees fluid to start.
---------------------	-------------------	---

Start Time 06:30	End Time 10:00	Comment Halliburton test Global shut off 9,800 test good. Test iron 10,000. Open well and pumped 7 bbls into well @ 3bpm, pressure up to 8,500 psi. Kicked out pumps 30"sec toe shifted open pressure dropped to 4,800 psi started pumping 6 bpm @ 6,000 psi 7 bpm @ 6,100 psi 8 bpm @ 6,200 psi 24 bbls. ISIP 5,100 psi, 5 mins 3,906 psi. 10 mins 3,744 psi. 15 mins 3,450 psi  Rockwater transferring water 60 bpm have 6,000 bbls on location going good. Water temp 84 on location
---------------------	-------------------	--

Start Time 10:00	End Time 12:00	Comment Halliburton test Global shut off 9,800 test good. Test iron 10,000. Frac Stag #1 went good all sand pump and flush, Attach and send frac sheet Rockwater transferring water 60 bpm have 6,000 bbls on location going good. Water temp 84 on location  J-W Wireline shut down do to wind check wind every 30 mins. Wind @ 25 to 40 mph
---------------------	-------------------	---

Start Time 12:00	End Time 22:00	Comment J-W Wireline shut down do to wind check wind every 30 mins. Wind @ 25 to 40 mph
---------------------	-------------------	---

--



Well Name: Fausett 4-13-3-2WH

Summary Rig Activity

Sundry Number : 53180 API Well Number : 43013516140000

--	--	--

Start Time	22:00	End Time	00:00	<p>Comment</p> <p>Wind has slowed to 18 MPH.                  Picked up tools string and made up Lubricator.                  Currently- Pressure testing lube and preparing to P&amp;P stage 2 and log out of well.                  At 1020 pm began rih with wireline to KOP.                  At 1115pm started the pump down. Called for rate as follows-3,6,9,12,15,17,19 bbls per min. Starting pressure for pump down was 3800 psi.                  Max pressure for pump down was 8130. Max rate for pump down was 19.2 bbls per min. Pumped plug and guns into-9170ft. WLM to the end of the tool string. The CCL was at 9144. At 9000 ft noticed the LT was starting to fall off. It had been around 1000. By the time we shut Halliburton down we were at or around 780.LT.                  Rope socket is good to 5000. Pulled up to 3000 and worked wireline back to 1000. No movement. Called in. Got OK to flow well back at 4 bbls per min. Flowed well from 3701 to 2000 psi. Flowed back 20 bbls on 20/64" choke while working wireline. No movement. Flowed back another 20 bbls. Starting pressure was 3500 psi. Flowed well down to 1500 psi to get 20 bbls. Working wireline to 3000 LT. Shut well in. Got OK to work wireline to 4000. Well pressure was back to 3700 psi. Started working wireline while pumping 3 bbls per minute down casing until we reached 5500 psi. Pumped approx. 30 bbls. Could not go over 3500 as the crane was starting to move too much and JW wireline was not comfortable going over 3500LT.                  Currently- Continuing to work wireline to 3000LT with backside shut in. Backside pressure at present is-3600 psi. No Movement on tools.</p>
------------	-------	----------	-------	--

Report Start Date	2/14/2014	Report End Date	2/15/2014	24hr Activity Summary	wireline
-------------------	-----------	-----------------	-----------	-----------------------	----------

Start Time	00:00	End Time	05:00	<p>Comment</p> <p>0430am-out of hole with wireline tools.                  No visual marks on the tools. No debris or sand in setting tool.</p>
------------	-------	----------	-------	---

Start Time	05:00	End Time	19:30	<p>Comment</p> <p>JW Wireline RD and released from location and Halliburton doing maintenance on equipment. Currently waiting on orders and arrival of equipment to drill out plugs.</p>
------------	-------	----------	-------	--

Start Time	19:30	End Time	00:00	<p>Comment</p> <p>JW wireline pulled on location. PJSM with them. Then Halliburton pulled on location and another PJSM. JW wireline rigged up and made up tool string. Halliburton is rigging out frac equipment. B&amp;C quicktest is on location to test lube for wireline runs.                  Rih w/ wireline to KOP-8550. Pull collar strip. Made determination to set plug @ 8400' in the middle of 3rd jt of 5-1/2" 20# casing above KOP. Tension before set- 1312. Took 40 seconds to set plug @23:30 pm. Tension after plug-1112. Begin POOH with wireline at 200 ft per min with setting tool.</p>
------------	-------	----------	-------	--

Report Start Date	2/15/2014	Report End Date	2/16/2014	24hr Activity Summary	Wireline/Workover rig
-------------------	-----------	-----------------	-----------	-----------------------	-----------------------

Start Time	00:00	End Time	02:00	<p>Comment</p> <p>Wireline finished with POOH. RDMO wireline. When plug was set, Started bleeding well down. OPened up on 20 choke and bled well down from 3400 psi to 0 psi. Plug is holding. Halliburton is completely rigged down and moved off location except for the Mountain Movers and the T belt.                  00:30am-JW Wireline is rigging down off well. Finished rigging down wireline and movedthem back to yard.</p>
------------	-------	----------	-------	--

Start Time	02:00	End Time	06:00	<p>Comment</p> <p>Waiting on Knight BOP stack and nipple up crew to arrive on location and nipple down frac stack. Then nipple up bop stack.</p>
------------	-------	----------	-------	--

Start Time	06:00	End Time	10:00	<p>Comment</p> <p>Knight Tools, B&amp;G Cranes ND Frac stack</p>
------------	-------	----------	-------	--

--	--	--



**Well Name: Fausett 4-13-3-2WH**

**Summary Rig Activity**

Start Time	End Time	Comment
10:00	15:00	B&G Crane, B&C Quick Test, Knight Tools NU 10K 7-1/16" BOP with blind shear rams and double valve kill outlets, 10K 7-1/16" pipe BOP with 2 3/8" rams, 10K 7-1/16" flow cross with dual, double valved 2-1/16" outlets, 10K 7-1/16" single pipe BOP with 2-3/8" rams. Function and pressure test each component of BOP stack per Newfield BOP Pressure Testing procedures. 250 psi low/ 10,000 high Test good
Start Time	End Time	Comment
15:00	18:00	Rigging up MS WOR & Snubbing Uni. Unload 450 jts 2-3/8" PH-6 tbng on racks Rig pump and pit set .C,S,I Clean & Drift 450 jts PH-6. Set Weatherford pump.
Start Time	End Time	Comment
18:00	20:30	Test snubbing unit w/2-3/8" rams 250 low/ 5,000 high test 5,000k annular 250 low/ 3,500 high
Start Time	End Time	Comment
20:30	00:00	Tbng is inspected and bagged. All x-overs and pup jts on location inspected. Moved tbng to pipe racks and tallied. Currently- Making up BHA as follows.- 4.622" OD x 1.25" ID 1.56' L 4 blade Concave inserted mill, 2.960" OD x 1" ID x 2.13' L double flapper bit sub, 1 jt 2-3/8" 5.95# P-110 PH6 tbg, 2.909" OD x 1.560" ID x .75' L RN nipple. Plan forward to trip in well filling tbng every 1000ft until the plug is tagged at 8400ft WLM. Currently at Midnight 50 jts in well to be @1,551.72
Report Start Date	Report End Date	24hr Activity Summary
2/16/2014	2/17/2014	Workover rig/Drillout
Start Time	End Time	Comment
00:00	06:00	Continue tripping in well with drillout bha and filling tubing every 30-40 jts. 0 PSI on well. Displacing fluid through flowback as we trip in well. 0150am-118 jts in well to be @3,654.24 Filled the tubing and loaded the racks with tbng and tallied tbng. Continuing to RIH. 0400am-210 jts in well to be @-6,498.23
Start Time	End Time	Comment
06:00	08:00	272 jts in well Tag kill plug @ 8,406 P/U swivel on jt #272 circulation . We are drilling on Kill Plug started @ 08:20 am Filled the tubing and loaded the racks with tbng and tallied tbng.
Start Time	End Time	Comment
08:00	09:00	Tagged Kill plug @ 8,406' on jt #272, Up weight 56,000, down weight 50,000 neutral 54,000' free torque, 1,600'drill torque 2,000' WOB: 6 pts, RPM @ 120. 2.0 bbl in @ 3,700 psi, 2.0 bbl out @ 3,000 psi on 16/64" choke. 15 minutes to drill plug. Pumped 32 bbls water. We are Circulation clean
Start Time	End Time	Comment
09:00	12:00	Circulation 2.5 Bottom up. Fausett 4-13-3-2WH Update 2-16-2014 12:00 pm Drill out: Tagged Frac Plug @ 9,158' on jt #297, Up weight 56,000, down weight 50,000 neutral 54,000' free torque, 1,600'drill torque 2,000' WOB: 6 pts, RPM @ 120. 2.0 bbl in @ 4,000 psi, 2.0 bbl out @ 2,600 psi on 16/64" choke. 24 minutes to drill plug. Pumped 50 bbls water. 1 gals. Pumped 20 bbl gel sweep. Work Mill up & down 5 time did not see nothing. We are Circulation Bottom we 172 bbls.
Start Time	End Time	Comment
12:00	14:00	Circulation Bottoms up 272 bbls
Start Time	End Time	Comment
14:00	00:00	RIH w/work string we are on jt 320 @ 9,901 Loaded the racks with tbng and tallied tbng. RIH Filling tbng ever 1,000 ft. Going good. RIH w/work string we are on jt 350 @ 10,832.1 Loaded the racks with tbng and tallied tbng. RIH Filling tbng ever 1,000 ft. Going good RIH w/work string we are on jt 375 @ 11,607.94 RIH w/work string we are on jt 400 @ 12,384.16 RIH w/work string we are on jt 420 @ 13,004.69



Well Name: Fausett 4-13-3-2WH

## Summary Rig Activity

Sundry Number : 53180 API Well Number : 43013516140000

--	--	--	--

## Daily Operations

Report Start Date	Report End Date	24hr Activity Summary	
2/17/2014	2/18/2014	Workover/Drillout	
Start Time	00:00	End Time	02:30
			Comment Continue swiveling tbng in well with high winds. 0145am-441 jts in well to be @ 13,656.33. 6 jts left to run in with. Well pressure is at 3000 psi. Tagged sand. Having to rotate and circulate each jt down from here. pumping 2.5 bbls per min @ 3600 psi and returning 2.5 bbls per min @ 2900 psi. well flowing on 16 choke. 0230am. On bottom. Tagged up on jt-448 4 ft in to be @13,846 tbng talley measurement.
Start Time	02:30	End Time	06:30
			Comment Begin pumping pumping 2.5 bottoms up of 462 bbls. Pumping 2 bbls per min @ 4800 psi. returning 2.1 bbls per min @ 2900 psi on 16/64" choke. Continue working pipe up and down every 5 min. 0430am-pumped 230 bbls of 462.
Start Time	06:30	End Time	07:30
			Comment Pumping 2 bbls per min @ 4800 psi. returning 2.1 bbls per min @ 2900 psi on 16/64" choke. Continue working pipe up and down every 5 min
Start Time	07:30	End Time	08:30
			Comment Pumped 465 bbls bottom up. After bottoms up pull back 1 joint. Install TIW and close pipe rams. Pump 20bbl into well to ensure RSI at 3.1 bpm @ 6,900 psi ISIP-5,900 psi 5-mins 4,500 psi 10-mins 4,000, 15-mins 4,000 psi,
Start Time	08:30	End Time	09:30
			Comment 3,000 psi on well swivel out 10 jts lay back swivel in deck POOH LD 2-3/8' PH-6 work string
Start Time	09:30	End Time	12:30
			Comment 1,900 psi on well POOH LD 2-3/8' PH-6 work string have 153 jts out @ 9,127 of 448 jts. We are circulation bottoms up with 200 bbls pumping 2 gel sweep 3.0 Bpm in @ 5,000 psi. 3.0 bpm out 3,600 psi.
Start Time	12:30	End Time	14:30
			Comment We are circulation bottoms up with 200 bbls pumping 2 gel sweep 3.0 Bpm in @ 5,000 psi. 3.0 bpm out 3,600 psi.
Start Time	14:30	End Time	15:30
			Comment @ 9,127 in heel. We are circulation bottoms up with 200 bbls pumping 2 gel sweep 3.0 Bpm in @ 5,000 psi. 3.0 bpm out 3,600 psi. Pump 20bbl into well to ensure RSI at 3.0 bpm @ 7,000 psi. ISIP 6,000 psi, 5 mins 4,800 psi. 10 mins 4,200 psi. 15 mins 4,000
Start Time	15:30	End Time	17:30
			Comment Left 130 jts in well to be @4,025.49 Shut lower pipe rams and bled stack off. Closed and locked pipe rams for the night. 400 psi on well.
Start Time	17:30	End Time	22:00
			Comment Rig down power swivel. Change out forklift and move tbng to pipe racks for transport. Service the rig and equipment. Waiting on daylight to finish pooh.
Start Time	22:00	End Time	00:00
			Comment Maintenance to rig equipment, move pipe around and monitor well.
Report Start Date	Report End Date	24hr Activity Summary	
2/18/2014	2/19/2014	Workover/Drillout	
Start Time	00:00	End Time	05:00
			Comment Stand-By for daylight to trip and snub 130 joints in hole @ 4,025.49' Well is shut and locked in with T.I.W on tubing string.
Start Time	05:00	End Time	07:00
			Comment 2,000 psi on well 100 jts in well @ 3,097 POOH LD work string going good
Start Time	07:00	End Time	10:00
			Comment 400 psi psi on well. We are out hole with 448 jts 2-3/8' PH-6 LD BHA, send pics of BHA
Start Time	10:00	End Time	13:00
			Comment RDMO MS Snubbing Unit & WOR



Well Name: Fausett 4-13-3-2WH

Summary Rig Activity

Start Time	13:00	End Time 16:00	Comment MIRU J-W Wire Line, Just started MIRU Halliburton Frac , 7,200 psi on well. Going Good
Start Time	16:00	End Time 20:00	Comment Starting well pressure was-2700 psi. Pumped @ 4 bbls per min. Pressure was @7240 psi. Got away 20 bbls. Bumped pumps to 8 BBLs per min @ 8400 psi then leveled out @6900 psi. Pumped 25 bbls at that rate. Bumped pumps 10 bbls per min@ 7980 then leveled out @ 6900 psi. Pumped 110 bbls. Bumped pumps to 12 bbls per min and hit Global kickouts @ 9500 psi.. Surged well from 4000 psi to 0 psi. Well built back to 2000 psi in 10 min. Flowed well on 16 choke for 10 min flowed back 5 bbls. Tried to pump in again. Starting pressure was 2000 psi. Pumped up to 9150 psi. Took 5 bbls to pressure out. Well bled down to 6000 as soon as pumps were kicked out. By the time we surged the first time through flowback well was down to 2000 psi. Currently- Flowing well on 64/64" choke to see if it will die or continue flowing.Well kis maintaining flow @ 2 bbls per min at 100 psi on manifold.
Start Time	20:00	End Time 00:00	Comment Starting well pressure was-2700 psi. Pumped @ 4 bbls per min. Pressure was @7240 psi. Got away 20 bbls. Bumped pumps to 8 BBLs per min @ 8400 psi then leveled out @6900 psi. Pumped 25 bbls at that rate. Bumped pumps 10 bbls per min@ 7980 then leveled out @ 6900 psi. Pumped 110 bbls. Bumped pumps to 12 bbls per min and hit Global kickouts @ 9500 psi.. Surged well from 4000 psi to 0 psi. Well built back to 2000 psi in 10 min. Flowed well on 16 choke for 10 min flowed back 5 bbls. Tried to pump in again. Starting pressure was 2000 psi. Pumped up to 9150 psi. Took 5 bbls to pressure out. Well bled down to 6000 as soon as pumps were kicked out. By the time we surged the first time through flowback well was down to 2000 psi. Let the well build to 2000 psi. surged the well 4 times. Results as follows. 1st surge-2.5 bbls back. 2nd surge 1 bbl back. 3rd surge-2bbls back. 4th surge 2 bbls back. Shut well in at well head. Pumping 5 bbls per min, pressured well back to 9300 psi. Line went straight up on graph. Took 10 bbls. Bled well down to 2000 psi. Opened well on 2" and bled well to 0. Shut well in again at the wellhead. Pressured back up on well to 9300 psi pumping 5.2 bbls per min. Same result. Currently- Bleeding well down from 7900 psi to 2000. Plan forward-Open well for surge on 2" to flow tank and monitor flowback for any changes.  Currently- Flowing well on 64/64" choke to see if it will die or continue flowing.
Report Start Date	Report End Date	24hr Activity Summary	
2/19/2014	2/20/2014	Workover/Drillout.	
Start Time	00:00	End Time 03:00	Comment Rig out frac and wireline. Monitor well bore pressure. As soon as wireline and frac are off location we will resume surging operations.
Start Time	03:00	End Time 03:30	Comment Pressure test flowback line tied in to double valve below blind shear rams.
Start Time	03:30	End Time 07:30	Comment Continue surging well. Letting well build to 2000 psi and opening well on 2" choke.@ 0330 am surge made 5 bbls. Had built to 2900 psi. @ 0400 built to 2000 psi surge produced 1 bbl. 0430 am well built to 2200 psi. Surged well and made 4 bbls. 0500am-flowed back 7 bbls. Shut well in again for build.
Start Time	07:30	End Time 11:30	Comment Currently- well open on 0 psi. MIRU MS WOR hammer delivered #4 sets pipe racks. Runner delivered 450 jts 2-3/8" PH-6 5.95# CIS inspect pin & box on 2-3/8" PH-6 tbg, weatherford pump is set, MIRU MS Snubbing Unit.
Start Time	11:30	End Time 16:30	Comment Currently- well open on 0 psi. NU 5K X 10K spool MIRU MS Snubbing Unit w/2-3/8" rams B&C Quick Test. Test snubbing Unit 2-3/8' Rams, 250 low/ 5,000 high Test 5K annular 250 low/ 3,500 high Testing MS 2/3/8 B.O.P not test low change out rams wouldn't test. We test HCR valve for low not test we have FMC on way out grease HCR valve go back test. Greased HCR valve and valve tested as per NFX/AOI testing guidelines.



**Well Name: Fausett 4-13-3-2WH**

**Summary Rig Activity**

--

Start Time	16:30	End Time	19:00	Comment	Pressure test snubbing rams and annular to NFX/AOI standards.
Start Time	19:00	End Time	20:00	Comment	Rig up Power Swivel.
Start Time	20:00	End Time	00:00	Comment	Made up BHA as follows- Concave Mill OD-4.625 ID-1.250 L-1.54, CO sub OD- 2.875 ID-1.250 L-.99, Weatherford Max Flow Perf OD-2.875 top OD-4.454 L-2.30, CO sub OD-2.875 ID-1.250 L-0.51, Double Flapper Sub OD-27.85 ID-1.000 L-2.22, RIH 2-3/8" Scan of bha is attached. Ran in well with BHA and 20 jts to be @ 628.93. Using the power swivel to steady up the blocks. Currently-Wind has died down so we are rigging down the power swivel, and preparing to pick up pipe with elevators. Made up BHA as follows- Concave Mill OD-4.625 ID-1.250 L-1.54, CO sub OD- 2.875 ID-1.250 L-.99, Weatherford Max Flow Perf OD-2.875 top OD-4.454 L-2.30, CO sub OD-2.875 ID-1.250 L-0.51, Double Flapper Sub OD-27.85 ID-1.000 L-2.22, 1 jt of 2-3/8" 5.95# P-110 PH-6 tbng-30.91. RN nipple 1.560 ID-.75 Length. Will install R nipple @ 5000' 1.710 ID-.64 Length@2330 pm we had 61 jts in well to be @1900ft Currently- Rigging up power swivel as the wind has kicked back up around 30 MPH.

Report Start Date	Report End Date	24hr Activity Summary
2/20/2014	2/21/2014	Workover/Drillout.

Start Time	00:00	End Time	05:00	Comment	Continue to rih with the power swivel picking up tbng. 0320am-130 jts in well to be @ 4,037.42 0500am-175 jts in well to be @ 5,433.34
Start Time	05:00	End Time	07:00	Comment	210 jts in well to be @ 6,580
Start Time	07:00	End Time	09:00	Comment	270 jts in well to be @ 8,373 filling tbg every 1000' Going good Have R Nipple on jt 161 & next be on jt 323
Start Time	09:00	End Time	12:00	Comment	360 jts in well @ 11,154 filling tbg every 1000' Going good
Start Time	12:00	End Time	16:00	Comment	445 jts in well @ 13,780 tag sand P/U swivel on jt 445 wash down jt 445 to 448 tap toe @ 13,846. P/U 8 ft off toe circulation 231 bbls bottom up. Just started circulation bottoms up, going good

--



Summary Rig Activity

Sundry Number : 53180 API Well Number : 43013516140000

Start Time	16:00	End Time	21:00	Comment Circulation 231 bbls bottom up, POOH LD 4 jts Rig up weatherford hard line start Weatherford Max Flow Perf. 1800pm-Mill was sitting @ 13,752. Perforator is sitting @ 13,748. PJSM with all Vendors on location Begin pumping down tbng. Establish circulation @ 2bbls per min @ 3900 psi. Shifted tool @ 3.2 bbls per min @ 5500 psi. Lowered rate to 2 bbls per min @4900 psi. Begin pumping sand. Pumped 840 # of 20/40 white sand with 5 gal of polymer in mixing hopper in 10 min.. When the sand hit the tool pumping 2.3 bbls per min the pressure came up to 6900 psi. Kicked the rate up to 2.3 bbls per min @ 6500 Pumped 80 bbls of recycled water to displace the sand through the tool. We made 4 holes in the casing on 90 DEG phasing Currently -rigging down pump line and rigging up power swivel to pull up 4 ft to next perf depth. 13,744 1900pm-Mill was sitting @ 13,748. Perforator is sitting @ 13,744. PJSM with all Vendors on location Begin pumping down tbng. Establish circulation @ 2bbls per min @ 3800 psi. Shifted tool @ 3.2 bbls per min @ 5500 psi. Rate increased to 2 bbls per min 5800 psi. Begin pumping sand. Pumped 840 # of 20/40 white sand with 5 gal of polymer in mixing hopper in 10 min.. When the sand hit the tool pumping 2. bbls per min the pressure came up to 5900 psi. Pumped 80 bbls of recycled water to displace the sand through the tool. We made 4 holes in the casing on 90 DEG phasing Currently -rigging down pump line and rigging up power swivel to pull up 4 ft to next perf depth. 13,687 Well is flowing @ 2000 psi on 23/64" choke 2100pm-Mill was sitting @ 13,691. Perforator is sitting @ 13,687. PJSM with all Vendors on location Begin pumping down tbng. Establish circulation @ 2bbls per min @ 3800 psi. Shifted tool @ 3.2 bbls per min @ 5500 psi. Rate increased to 2 bbls per min 5800 psi. Begin pumping sand. Pumped 1500 # of 20/40 white sand with 5 gal of polymer in mixing hopper in 18 min.. When the sand hit the tool pumping 2. bbls per min
Start Time	21:00	End Time	21:30	Comment Rig down pump line. Rig up power swivel. Ran 5 jts back in well to TD (13,846). no fill.
Start Time	21:30	End Time	00:00	Comment PJSM- Rig up Halliburton acid transport to Weatherfor pump and pump 10 bbls of 17% acid down tbng to pickle. Pump 56 bbls to displace tbng. Pumping 2.7 bbls per min @5200 psi. Returning 4.2 bbls per min on 32/64" choke @ 650 psi. Pwr swivel is turning @ 8 rpm. Moving the tbng up and down every 5-7 min
Report Start Date	2/21/2014	Report End Date	2/22/2014	24hr Activity Summary Workover/Drillout
Start Time	00:00	End Time	02:00	Comment Continue pumping 2nd bottoms up of 231 bbls. 462 total bbls pumped.
Start Time	02:00	End Time	03:00	Comment Lay down 10 jts to be @13,564.96 Rig down Power swivel and install TIW valve. Close pipe rams and hook up pump to flow cross.
Start Time	03:00	End Time	04:00	Comment Pressure test pump lines to 7000 psi. Establish injection rate at 3.9 bbls per min on build to 5800 psi. Dropped rate to 3 bbls per min. Pumped 20 bbls per min @5700 psi. ISIP-5200 psi. 5min-4500 psi. 10min-4200 psi. 15 min -4000 psi.
Start Time	04:00	End Time	07:00	Comment Continue pulling tbng to the heel.  Circulation heel up clean with 155 bbls pumping 2.0 bpm @ 4,000 psi. Just started POOH w/work string going good



**Well Name: Fausett 4-13-3-2WH**

**Summary Rig Activity**

Report Start Date 2/22/2014			Report End Date 2/23/2014			24hr Activity Summary FRAC		
Start Time	07:00	End Time	13:00	Comment 0 psi on well. POOH LD 2-3/8" PH-6 Work String. We have LD 449 jts of 449				
Start Time	13:00	End Time	17:00	Comment We just started RDMO MS Snubbing Unit we MIRU Halliburton Frac				
Start Time	17:00	End Time	22:00	Comment Begin trying to pump into zone. Pumped 4 bbls per min. Broke @ 5860. Pumped 35 bbls total. Increased rate to 8 bbls per min @ 6661. 20 bbls total pumped. Pressure started climbing. Kicked out on 1 pump. Lowered rate to 4bbls per min Pressured out @ 9400 psi. ISIP- 7394. 5 min-5128. 10 min-4496. 15 min 4281. Frac gradient-1.23. Continued trying to pump into the well 7 more times with no succes. 9th try-Pumped 4.1 bbls per min @8977. pumped 85 bbls and sent a 20 bbl acid pill down the casing. Continued pumping.				
Start Time	00:00	End Time	01:30	Comment Continue pumping in well with acid. Still pumping 4.1 bbls per min @8686 psi. When the acid hit the formation the pressure dropped to 5000 psi. Pumped 20 more bbls of 17% acid in well. Worked rate up to 15 bbls per min. pressure rose to 8900 psi until acid hit the perms. We pumped 310 bbls to chase acid on the perms. Pressure dropped to 7760. Over displaced 40 bbls. Shut down pumping.. ISIP-5352. 5min-4445. 10 min-4327. 15 min-4260. Total bbls pumped for breakdown-1238.2 bbls of recycled water and 40 bbls of acid.				
Start Time	01:30	End Time	03:30	Comment RDMO MS workover rig.				
Start Time	03:30	End Time	06:30	Comment Work over rig and equipment are moved off location. Currently- JW wireline is spotted and preparing to rig up. Plan forward- Rig up wireline. Make up logging tools. (Pump in sub, CCL and Gamma tool). Test flange and lubricator against HCR valve. RIH to KOP and begin pumping logging tools in well.				
Start Time	06:30	End Time	08:30	Comment PJSM MIRU Halliburton & J-W Wireline just start test lubricator be RIH with CCL and Gamma tool).test lubricator 9,800 psi test				
Start Time	08:30	End Time	11:30	Comment J-W Wireline test lubricator 9,800 psi test good. 3,690 psi on well RIH with CCL and Gamma tool). 150 fpm pump 15 bpm @ 8,965 psi to 11,500 ft Halliburton run out water shut down prime back up. Started back are pump down at 11,500 ft 15 bpm @ 8,965 psi, 50 fpm at 13,400 ft pressure at 8,970 psi 15 bpm @ 40 fpm to 13,620 stop. Started Log out 13,620 @ 80 fpm 4,200 psi on well.				
Start Time	11:30	End Time	13:30	Comment Started Log out 13,620 @ 80 fpm 4,200 psi on well. OOH w/ all Log Tools				
Start Time	13:30	End Time	15:30	Comment MIRU Halliburton Frac				
Start Time	15:30	End Time	19:30	Comment ND B.O.P Stack NU frac stack as follows- 10K cameron tubing head for 5-1/2" casing with 7-1/16" flange looking up. 10K 7-1/16" 'Lower Master' hydraulic frac valve (HCR) (already installed 10K 7-1/16" 'Upper Master' manual frac valve 10K 7-1/16" flowcross with dual, double 2-1/16" outl 10K 7-1/16" 'Crown' manual frac valve Tested frac stack as per NFX/AOI guidelines. 250 low 10,000 high				
Start Time	19:30	End Time	21:30	Comment Frac stack was tested as per NFX/AOI guidelines. Currently- Halliburton is PJSM and preparing to hook pump lines to the buffalo head. Rockwater is preparing to transfer fluid down as soon as the tests are confirmed Halliburton is rigged up and preparing for load and test. We have 3000 bbls of 75 deg water on pad for frac. Rockwater will fill all the tanks on pad after the frac is over.				



**Summary Rig Activity**

**Well Name: Fausett 4-13-3-2WH**

Sundry Number : 53180 API Well Number : 43013516140000

--	--	--

Start Time	21:30	End Time	00:00	Comment
Attempt to frac stage 2. Pressure issues. Sent a sand slug to scour the perms. Chased sand slug with 290 bbls of fluid.				
Report Start Date	2/23/2014	Report End Date	2/24/2014	24hr Activity Summary
FRAC				
Start Time	00:00	End Time	02:00	Comment
Begin pumping again. Establish rate. Pump 20 bbls of acid down well. Worked rate up to 15 bbls per min. Decision made to pump guns in for stage 3.				
Start Time	02:00	End Time	06:30	Comment
Made up perf guns, CCL and pump in sub for stage 3 without plug. Had to rehead wireline. Plug and Perf: RIH with guns and Plug to KOP. pumped down guns at 17.2 bpm @ 8966 Psi, @135 fpm, 760 LT, pumped guns to 13,568, POH and perfed at 13,540', 13,542' - 13,450', 13,452'. POOH with tools, max pressure for pump down:9076 Max rate for pump down- 17.2bpm. Total BBls pumped-761. Currently-Wireline is POOH with tools.				
Start Time	06:30	End Time	08:00	Comment
Stage #3 frac 1. Global Kick Outs set at 9800 psi. Pressure tested to 9735 psi. Job pumped with Produced water. Having problems receiving add concentrations from Growler unit. Good break with acid on formation. Operator had LoSurf and CLA-Web lines attached to wrong pumps. Caught during stage when pulling straps and swapped on fly. WG-36-8.4% (128.7), BC-200-2.1% (3), FR-66-21.1% (2.8), BA-40-2.1% (1.3), Scalesorb 7-4.9% (16.2), Optiflo II-2.7% (1.8), CLA-Web-88.9% (81.4),				
Start Time	08:00	End Time	11:00	Comment
RIH with guns and Plug to KOP. pumped down guns at 17.0 bpm @ 6028 Psi, @71.8 fpm, 708 LT, pumped guns to 13,408, Set plug @ 13,385' POH and perfed at 13,350', 13,352', 13,250', 13,252'. POOH with tools, max pressure for pump down: 6028 Max rate for pump down- 17.0 bpm. Total BBls pumped-728. Currently-Wireline is POOH with tools. All tools recovered.				
Start Time	11:00	End Time	12:30	Comment
Stage #4 frac 1. Global Kick Outs set at 9800 psi. Pressure tested to 9900 psi. Job pumped with Produced water. Ran original design for stage 4 but dropped total volume for job due to skipping stage 2 (short on 30/50 to pump full stg 4 design). Stage went well. BA-40-3% (1.7), MX 2-2738 -3.5% (1.2) Optiflo II-4.1% (3.9),				
Start Time	12:30	End Time	15:00	Comment
RIH with guns and Plug to KOP. pumping down guns at 15.0 bpm pumped total of 26 bbls and pressured out and shut down pumps and wireline, pressured to around 8,300 Psi and FPM fell off. Got to 9030', Pulled up and checked surface equipment, all surface equipment shows to be correct. Tried to pump down guns again, pressure started to increase from start, tried to pump slowly to break open formation, pressured out, got to 8,766', shut down and called in. Pumped total of 40 bbls.				
Start Time	15:00	End Time	23:00	Comment
Pump into well at 3.4 bpm and spot acid into perf's, Made 2 seperate sweeps with acid. Got a break but could not sustain any rate. Started a linear gel sweep but only chased it 120 bbls. Pressured out. Total bbls pumped-1097 bbls. Linear gel pumped-51 bbls. Acid pumped 28 bbls.				
Start Time	23:00	End Time	00:00	Comment
Begin flowing well back. Opened well up to flow back 800 bbls at 5 bbls per min. Beginning pressure-3980 psi. After opening, Flowing 5 bbls per min on 21/64" choke @ 3550 psi.				



**Summary Rig Activity**

**Well Name: Fausett 4-13-3-2WH**

Sundry Number : 53180 API Well Number : 43013516140000

--

**Daily Operations**

Report Start Date	Report End Date	24hr Activity Summary
2/24/2014	2/25/2014	FRAC
Start Time	End Time	Comment
00:00	03:00	At midnight 1 st flow back reading was 3300 psi flowing on 21/64" choke @ 5 bbls per min To this point, recovered 190 bbls. Recovered the linear gel sweep. Clear fluid coming after that. Next flow report will come @ bottoms up,294 bbls. After bottoms up, reporting no sand and gel fluid. After we flowed 450 bbls on 28/64" choke @ 1950 psi flowing 5 bbls per min-trace of sand. 0215am-Flowed back 730 bbls of fluid. Trace of sand. No gel. Well is flowing @ 850 psi on 48/64" choke still flowing 5 bbls per min. Flowed back 800 bbls. Shut well in and broke the ball catcher. Approx 2 gal of sand in ball catcher but no ball. Blow ball catcher dry through flowback to make sure no ball was in the flange. Clean up cap and reinstall ball catcher hammer union.
03:00	03:30	Attempted to sweep the well bore with linear gel. Pumped gen and 80 bbls of fluid. Pressured out at 9200 psi. Worked pressures down. Began pumping again @ 3.1 bbls per min. Pressured out. Decision made to flow well back.
03:30	10:00	Begin flowing well back. 0400am- Starting pressure @-3800. Open well 38/64 choke. flowed down to 700 psi . Flowing 5 bbls per min. 0420am- well is flowing on 48/64" choke @ 250 psi. making 2-1/2 bbls per min. 0500am- Well is flowinfg on 48/64" c hoke @200 psi. Flowing 3 bbls per min back. Flowed back 190 bbls total since opening the well.
10:00	12:30	Pump into well at 4.4 bpm. Pressure slowly climbing, 4,000 psi pump down to 3.8 bpm, had pressure surge from 4,800 psi to 5,566 psi, pressure stabilized and increased rate to 5.0 bpm, 6,100 psi with 220 bbls in well, got break at 6,820 psi, increased rate to 7.0 bpm got break and increased rate to 10.3 bpm at 7,100 psi and pressure continue to climb to 9,300+ psi, Pumped 7 bbls over volume and pressured out, got off pumps, let pressure drop and started back into well at 3.4 bpm, pressure rose to 9,380 and got break and pressure fell to 8,540 psi, but starting to climb back up, Continue to pump at 3.4 bpm trying to get pump rate to pump down plug and guns. Shut down pumps,
12:30	14:00	Try to surge well back, well open at 4, 000 psi, bled back 40 bbls and down to 200 psi and 3 bpm returns, Well flowing at present at 100 psi and 2 bpm, on open choke.
14:00	16:30	RD JW wireline unit, two Howco pump trucks and frac van and move to side of location,
16:30	22:30	MIRU Cudd coil tbg unit and NU and test BOP's. Prep for sand jetting perf's.
22:30	00:00	Test Cudds coiled tbg stack as per NFX standards.
Report Start Date	Report End Date	24hr Activity Summary
2/25/2014	2/26/2014	FRAC
Start Time	End Time	Comment
00:00	07:00	Continue pressure testing as per NFX standards.
07:00	09:30	Wait on Sand Jet perf Tools,
09:30	14:00	PUMU Weatherford's Sand Jet Perforation tool, 2" Coil tbg connection sub, Weatherford's 2 7/8" M.H.A. 2.7/8 OD, 3.55', Flow Max Perforator (Sand Jet Perforator) 3.66 OD, 2.73', Force Flex Motor 2 7/8 OD, 10.53', 4 5/8" Concave Mill 4.625 OD, 1.52", Total length of tool 18.33'.



**Well Name: Fausett 4-13-3-2WH**

**Summary Rig Activity**

Sundry Number : 53180 API Well Number : 43013516140000

Start Time	End Time	Comment
14:00	18:00	RIH with BHA and Tag plug at 13,371' CT/M (13,385' W/L/M) POH to perforating depth.
Start Time	End Time	Comment
18:00	18:30	wait on water truck to transfer water to rig tank.
Start Time	End Time	Comment
18:30	22:30	RIH with Weatherford's Sand Jet Perforation tool, 2" Coil tbg connection sub, Weatherford's 2 7/8" M.H.A. 2.7/8 OD, 3.55', Flow Max Perforator (Sand Jet Perforator) 3.66 OD, 2.73', Force Flex Motor 2 7/8 OD, 10.53', 4 5/8" Concave Mill 4.625 OD, 1.52', Total length of tool 18.33'. We abrasive sand Perforated at 2.5 bpm @ 6000psi seen a 250psi. with a rate of return at 2.5bpm at 2000psi. on perfs 1 and 2 when the pump lost a valve on perf 3 we were pumping at 2bpm @ 4600psi. stage #5 perfs are as follows 13,100' – 13,103' (8 holes), 13,020' (4 holes) (total of 12 abrasive holes). On the last set of perfs about half way through the sand perforating CUUD lost one side of their pump had to finish pumping the sand before we could try and swap over to the other side. When we were done pumping sand we tried to swap to the other side of the pump and it wouldn't catch prime so we started pulling out of the hole until we could fix the pump. CUUD fixed both side and we are back pumping. RIH to 11040 and stacked out.
Start Time	End Time	Comment
22:30	00:00	short trip back to the vertical and assess the situation at that point.
Start Time	End Time	Comment
00:00	06:30	Wait on Weatherford to redress abrasive perforator tool, and return to location.
Start Time	End Time	Comment
06:30	08:00	Tied Cudd onto well head with pump iron, Tested iron to 7,000 Psi, good, Start pumping at 2 bpm for 2 bbls, at 3,350 psi, increase rate to 3 bpm at 4,000 psi, 4 bpm at 4,600 psi, 5 bpm at 5,000 Psi, injecting at 5 bpm for 10 bbls at 5,100 psi, Called in and report results,
Start Time	End Time	Comment
08:00	08:00	PUMU Weatherford's wash nozzle, Tools as follows: Coil tbg connector, Weatherford's 2 7/8 Motorhead ASV, 2 7/8" (3.55'), Wash nozzle 2.875" (.49'), RIH to 13,385' (frac plug) eash abrasive perforating sand from hole, POH while washing sand and POH with coil tbg.
Report Start Date	Report End Date	24hr Activity Summary
2/26/2014	2/27/2014	Abrasive perforate stg #5 and cleanout to plug #4 at 13,385
Start Time	End Time	Comment
00:00	03:00	POOH. Weatherford will have a new set of tools and wash nozzle on location when we get OOH.
Start Time	End Time	Comment
03:00	06:00	Weatherford is going to take the Flow Max Perforator (Sand Jet Perforator) back to the shop to rebuild it and bring it back to location. Wait on Weatherford to get back to location and 7 1/16 flange.
Start Time	End Time	Comment
06:00	06:30	Wait on Weatherford's tool to be redressed and returned to location,
Start Time	End Time	Comment
06:30	08:30	Tied Cudd onto well head with pump iron, Tested iron to 7,000 Psi, good, Start pumping at 2 bpm for 2 bbls, at 3,350 psi, increase rate to 3 bpm at 4,000 psi, 4 bpm at 4,600 psi, 5 bpm at 5,000 Psi, injecting at 5 bpm for 10 bbls at 5,100 psi, Called in and report results,
Start Time	End Time	Comment
08:30	17:30	PUMU Weatherford's wash nozzle, Tools as follows: Coil tbg connector, Weatherford's 2 7/8 Motorhead ASV, 2 7/8" (3.55'), Wash nozzle 2.875" (.49'), RIH to 13,385' (frac plug) eash abrasive perforating sand from hole, POH while washing sand and POH with coil tbg.
Start Time	End Time	Comment
17:30	18:30	OOH with CUUD coil tubing @ 17:30. Did an injection rate at 7bpm @ 3700psi pumped a total of 40bbls.
Start Time	End Time	Comment
18:30	00:00	RD the coil stack and move the CUUD pump and crane out of the way. NU goat head by torque unit and test to NFX procedures details will follow. Get Halliburton spotted in and RU to pump stg #5 frac.
Report Start Date	Report End Date	24hr Activity Summary
2/27/2014	2/28/2014	Finish RU to well head and start plug, perf and frac



**Summary Rig Activity**

**Well Name: Fausett 4-13-3-2WH**

Sundry Number : 53180 API Well Number : 43013516140000

Start Time	00:00	End Time	02:00	Comment	B&C Quick Test tested the goat head and flow back to 250psi low for 5min. 10,000psi high for 10 min. Halliburton will RU to the wellhead and test their lines.
Start Time	02:00	End Time	04:30	Comment	Halliburton had some issues with a couple of 1" lo-torc valve leaking plus a couple of leaks on the iron. They fixed the iron leaks and had to grease the 1" Lo-torc valves to get them to hold. Pressure tested the well to 9850psi. shut their ground valves in and tested the rest of their iron to 10,750psi. We pumped a total of 479bbbls of cross linked fluid 366bbbls of that fluid was .50ppg sand went to fluid and had to drop rate. We flushed stg #5 at 24.6bpm at 9300psi. Dropped down to 15bpm at 6250psi on slickwater.
Start Time	04:30	End Time	06:30	Comment	Wireline willfinish getting RU and will be picking up the Lubricator to do the pump down for stage #6 plug and perf.
Start Time	06:30	End Time	09:00	Comment	RIH with guns and Plug to KOP. pumped down Plug & guns at 15.0 bpm @ 7,840 Psi, @ 68.8 fpm, 790 LT. Rate 17.0 bpm @ 8,002 Psi @ 98 fpm 790 LT, Set plug @ 12,922' POH and perfed at 12,886', 12,888', 12,820', 12,822'. POOH with tools, max pressure for pump down. 8,002 Max rate for pump down- 17.0 bpm. Total BBls pumped-710
Start Time	09:00	End Time	11:00	Comment	Pumped stage 6. Pump 825 gals 15% acid Stage went well, all proppant placed as per program.
Start Time	11:00	End Time	12:00	Comment	RIH with guns and Plug stage #7 to KOP. pumped down Plug & guns at 15.0 bpm @ 5,548 Psi, @ 171 fpm, 643 LT. Rate 15.0 bpm @ 5,548 Psi @ 171 fpm 643 LT, Set plug @ 12,765.5' POH and perfed at 12,770', 12,772', 12,720'. 12,722'. POOH with tools, max pressure for pump down. 5,543 Max rate for pump down- 15.0bpm. Total BBls pumped-340
Start Time	12:00	End Time	13:00	Comment	OOH w/ Wire Line all gun shot, drop ball, Just start Frac Stg #7
Start Time	13:00	End Time	15:00	Comment	Pumped stage #7. Screened out with 72,567', lbs in formation @ 1-5' ppg, 39,000', lbs off surface. Flushed 88', bbls of 282', bbls when sand cut, max rate 39.5, bpm with 9,890,psi max pressure.
Start Time	15:00	End Time	18:00	Comment	Flow back 450 bbls, Stage #7 Started are flush 5 bpm @ 8,750 psi 114 bbls pump way pressure went 9,370 Psi, went to 3.8 bpm @ 9,274 56 bbls pump way pressure went 9,800 Psi kick out. 170 bbls total pump
Start Time	18:00	End Time	19:00	Comment	FMC is greasing the wheel valves on the frac stack
Start Time	19:00	End Time	22:30	Comment	Flowed back 450bbls. Checked the ball cather no ball. Tried to pump back into it couldnt get back into stage #6 to get it flushed going to have to bring in the coil unit.
Start Time	22:30	End Time	00:00	Comment	RD Halliburton off the well and get ready to RU CUDD coil unit to cleanout the well.
Report Start Date	2/28/2014	Report End Date	3/1/2014	24hr Activity Summary RU CUDD coil unit and cleanout to stage #6	
Start Time	00:00	End Time	03:00	Comment	RU CUDD coil unitand pressure test the coil stack
Start Time	03:00	End Time	06:00	Comment	Just finished up the pressure test to a low of 250psi for 5 min. the high test was done to 9700psi for 10 min. Coil stack configuration is from top to bottom Injector head, double stripper assembly, 8 foot lubricator, quad stack BOPs, flowcross, safety ram, gate valve, blind shear ram and 4 1/16 to 7 1/16 10k crossover. BHA is as follows ( Wash Nozzle OD-2.890 ID-XXX L-0.50 Fish Neck 2.89.) ( sand Jet Perf OD-3.690 ID-XXX L-2.30 Fish Neck 2.875 ) 2-7/8' Motorhead OD-2.875 ID-0.683 L-3.55 Fish Neck 2.875 ). Just Started RIH w/CTU



Well Name: Fausett 4-13-3-2WH

Summary Rig Activity

Sundry Number : 53180 API Well Number : 43013516140000

Start Time	06:00	End Time	10:00	Comment
				Current Operations: RIH with CT and Weatherford BHA consisting of: (Wash Nozzle OD-2.890 ID-XXX L-0.50 Fish Neck 2.89,) ( sand Jet Perf OD-3.690 ID-XXX L-2.30 Fish Neck 2.875 ) 2-7/8' Motorhead OD-2.875 ID-0.683 L-3.55 Fish Neck 2.875 ). Down to 8,100' to get weight check and establish circulation rate and return rate. RIH washing down with no sand to 12,755'. Tagged sand and wash down to 12,815' and tag plug. Pump sweep to EOT and PU to 12,700' to cycle pipe while waiting on sweep. RBIH to 12,755' and stacked out. PU to 12,655' circulate 10 bbls and RBIH to 12,773'. We are going to PU 500' at present time and then RBIH for depth.
Start Time	10:00	End Time	13:00	Comment
				PU 12,314 circulation 10 bbls RBIH to 12,691 and stacked out PU 20 ft. Shut in flow back pump 2.0 bpm RBIH flow back shut off 12676 and sacked, we think have frac ball beside wash nozzle. POOH to top heel pump 2.0 bpm @ 2,675 Psi in, 2.0 bpm 2,020 Psi, out POOH to heel @ 9,261 pump 10 bbl gal sweet. OOP to heel, 8,400 pump 2 bpm @ 3,143 in & 2 bpm @ 2,053 out. At 13:30 pm get lots sand back after circulation clean. Start are injecting rate
Start Time	13:00	End Time	15:00	Comment
				Started injecting rate, pumped 83 bbls @ 6 bpm 5,360 Psi. Increased rate to 7 bpm and pressure at 8,000 Psi. Attempted to get back into when pressure dropped to 6,300 Psi. Kicked pump in at 1 bpm, pumped 10 bbls and pressure out.
Start Time	15:00	End Time	18:00	Comment
				RIH with Weatherford's Sand Jet Perforation tool, 2" Coil tbg connection sub, Weatherford's 2 7/8" M.H.A. 2.7/8 OD, 3.55', Flow Max Perforator (Sand Jet Perforator) 3.66 OD, 2.73', Force Flex Motor 2 7/8 OD, 10.53', 2.89" Wash Nozzle, Total length of tool 6.35'. RIH to 12,700 pull up to 12,635 stop pulled off filter. We abrasive sand Perforated at 2.5 bpm @ 7,960 psi at 3.0 bpm shift tool lower rate 2.5 bpm 7,960 psi. Cut sand with a rate of return at 2.5 @ 2,000 psi. Pump lost a valve swap over to the other side. Pump & Perf stage #8 perfs are as follows 12,635' w/#4 holes. Pressure drop 7,480 flush with 56 bbls. Pulled up to 12,500 Cudd fixing pump.
Start Time	18:00	End Time	20:00	Comment
				Abrasive perforated At 2.5bpm @ 7,350psi. At a depth of 12,500ft.
Start Time	20:00	End Time	00:00	Comment
				Slid the spring sleeve at 12,300ft and then went and cleaned out to 12,700ft. Started POOH at 40-45fpm. Sent a 20bbl. gel sweep at 10,100ft sent another 20bbl gel sweep pulled up to 8,000ft. and pump 200bbls to clear the hole of all debris getting ready to do an injection test.
Report Start Date	Report End Date	24hr Activity Summary		
3/1/2014	3/2/2014	RU halliburton frac		
Start Time	00:00	End Time	01:30	Comment
				Injection Test: Rate of 7.0 bpm @ 3,435 psi with 50 bbls total pumped
Start Time	01:30	End Time	03:00	Comment
				POOH with coil tubing, 8400 ft to surface. Well is shut in and secure.
Start Time	03:00	End Time	05:00	Comment
				Blow out the coil tubing unit dry with N2.
Start Time	05:00	End Time	06:00	Comment
				CUDD coil tubing started to RD coil stack.
Start Time	06:00	End Time	10:00	Comment
				RDMO CTU, MIRU Halliburton Frac NU goat head test 250 low 10,000 high. Test good.
Start Time	10:00	End Time	11:00	Comment
				Test Halliburton Frac line. test 10,000, test good We just frac On Stage #8
Start Time	11:00	End Time	14:00	Comment
				Pumped stage #8. Screened out with 42,043', lbs in formation @ 1-4' ppg, 5,000', lbs off surface. Flushed 196', bbls of 280', bbls when sand cut, max rate 34.7 bpm with 9,500,psi max pressure. Currently- 4,000 Psi on well, Flow Back 24/64 @ 1,250 Psi on well, we are Flow Back 420 bbls. Flow back 40 bbls well went dead 0 Psi, Shut well in to build up pressure,



**Well Name: Fausett 4-13-3-2WH**

**Summary Rig Activity**

--

Start Time 14:00	End Time 16:00	Comment RDMO Halliburton & J-W Wireline Plan Forward- MIRU Cudd CTU
Start Time 16:00	End Time 21:00	Comment RU CUDD coil unit and equipment. Weatherford is to make up BHA. BHA is as follows-2.0" Coil Connector, 2-7/8" MHA with (Dual Flapper, Disconnect, and circulation sub), 2-7/8" Agitator, 2-7/8" Force Flex Motor, 4.65" 5-blade mill. CUDD got on the well. B&C Quick Test pressure tested the coil stack to a low of 250 psi. for five minutes and a high of 9800psi. for ten minutes.
Start Time 21:00	End Time 00:00	Comment CUDD coil opened the well at 20:45 and headed in the hole. We where at 8600ft at 22:45. We are currently @ 11,600ft at 00:00 RIH at 40-45fpm. Pump rate is at 2bpm @ 3520psi and the rate of returns are running at 2.5bpm @ 1960psi. Going to make a short trip.

Report Start Date 3/2/2014	Report End Date 3/3/2014	24hr Activity Summary Screenout out stage #8 RU CUDD coil to cleanout to PBTD. RD Halliburton Frac crew.
-------------------------------	-----------------------------	---

Start Time 00:00	End Time 02:00	Comment We are currently @ 9100ft RIH at 40-45fpm. Pump rate is at 2bpm @ 3300psi and the rate of returns are running at 2bpm @ 1900psi. We got down to 12,440 washed to 12,450 was seeing no action at the mill so, we decided to make a short trip to 8500ft. Pumped 10bbl sweeps at 7100', 12,265', 12,440' and 10,100'.
---------------------	-------------------	--

Start Time 02:00	End Time 06:45	Comment We are currently @ 9100ft POOH to 8400ft for the second time through the heel. We will then RIH to the second tag spot @ 12,056. We tried to make some hole there to no avail we POOH 200ft then went back in to the same spot. We stay on that spot about 10-15minutes each time we tagged up not making any hole at all. Both times we have done this we have not had any problems RIH or POOH. We are pumping pipe on pipe and doing gel sweeps. Flowback has had very little sand come back at all since the first time we went through the heel. We are pumping 2bpm @ 3400psi rate of return is 2bpm @ 1850psi.  We tagged Plug#7 @ 12,834ft CTM we are milling on plug at moment. We pumped a 10bbl gel sweep once we tagged plug, we are also pumping pipe on pipe. We are pumping 2.5bpm @ 5020 psi rate of return is 2.5bpm @ 2000 psi.
---------------------	-------------------	--

Start Time 06:45	End Time 09:00	Comment BHA is as follows-2.0" Coil Connector, 2-7/8" MHA with (Dual Flapper, Disconnect, and circulation sub), 2-7/8" Agitator, 2-7/8" Force Flex Motor, 4.65" 5-blade mill.  Current Operations- We have milled thru # 7 took 1hr 50mins We pumped a 10bbl gel sweep once we milled thru plug # 7, we are also pumping pipe on pipe. We are pumping 2bpm @ 4100 psi rate of return is 2bpm @ 2000 psi.
---------------------	-------------------	---

Start Time 09:00	End Time 09:09	Comment BHA is as follows-2.0" Coil Connector, 2-7/8" MHA with (Dual Flapper, Disconnect, and circulation sub), 2-7/8" Agitator, 2-7/8" Force Flex Motor, 4.65" 5-blade mill.  Current Operations- @ 9am, we tagged plug # 6 @ 12,974ft. We are milling on plug. We are pumping pipe on pipe. We are pumping 2bpm @ 4500 psi rate of return is 2bpm @ 2000 psi.
---------------------	-------------------	--

Start Time 09:09	End Time 12:00	Comment BHA is as follows-2.0" Coil Connector, 2-7/8" MHA with (Dual Flapper, Disconnect, and circulation sub), 2-7/8" Agitator, 2-7/8" Force Flex Motor, 4.65" 5-blade mill.  Current Operations- @ 12pm we are milled thru plug # 6 took 3hrs to drill up plug. Pumped 10bbl Gel Sweep, we are pumping pipe on pipe. We are pumping 2bpm @ 4500 psi rate of return is 2bpm @ 2000 psi.
---------------------	-------------------	---

Sundry Number : 53180 API Well Number : 43013516140000



**Well Name: Fausett 4-13-3-2WH**

**Summary Rig Activity**

Sundry Number : 53180 API Well Number : 43013516140000

--	--	--

Start Time	12:00	End Time	17:00	Comment BHA is as follows-2.0" Coil Connector, 2-7/8" MHA with (Dual Flapper, Disconnect, and circulation sub), 2-7/8" Agitator, 2-7/8" Force Flex Motor, 4.65" 5-blade mill.  Current Operations- Before we RIH to Tag Plug #5 @ 13,195 we made a Short Trip to 8400ft. We had clean returns during short trip.  Tag Plug #5 @ 13,195 Pumped 10bbl Gel Sweep, we are pumping pipe on pipe. We are pumping 2bpm @ 4500 psi rate of return is 2bpm @ 2000 psi. Drilling on plug for 2hrs
Start Time	17:00	End Time	17:45	Comment BHA is as follows-2.0" Coil Connector, 2-7/8" MHA with (Dual Flapper, Disconnect, and circulation sub), 2-7/8" Agitator, 2-7/8" Force Flex Motor, 4.65" 5-blade mill.  Current Operations- We milled thru Plug # 4, took 4hrs to mill up. We will Continue cleaning out well to Toe Sleeve @ 13,800ft. Once we reach TS @ 13,800ft we will pump @ 20bbl gel Sweep and POOH once sweep comes around end of CT. We are pumping 2.5bpm @ 5000 psi rate of return is 2.5bpm @ 2300 psi.
Start Time	17:45	End Time	22:30	Comment Coil tubing started POOH.WE Are OOH well is shut in and secure. CUDD we RD coil unit and MOL.
Start Time	22:30	End Time	00:00	Comment RD coil unit and equipment.
Report Start Date	3/3/2014	Report End Date	3/4/2014	24hr Activity Summary Cleaned out the well to 13,800ft
Start Time	00:00	End Time	04:00	Comment Finish RD of CUDD coil equipment and Cameron will torque goat head and pressure test the goat head.
Start Time	04:00	End Time	06:00	Comment Well is shut in and secure. SDFN
Start Time	06:00	End Time	18:00	Comment Well is shut in and secure with the HCR valve is OPEN and all the other valves also being closed.  Preferred Hot Oil Services are heating the flow back tanks so we can transfer the oil. Well is shut in and secure with the HCR valve is OPEN and all the manual valves are closed.
Start Time	18:00	End Time	00:00	Comment Well is shut in and secure with the HCR valve is OPEN and all the other valves also being closed.
Report Start Date	3/4/2014	Report End Date	3/5/2014	24hr Activity Summary SDFN
Start Time	00:00	End Time	00:00	Comment SDFN
Report Start Date	3/5/2014	Report End Date	3/6/2014	24hr Activity Summary SDFN
Start Time	00:00	End Time	12:00	Comment SDFN
Start Time	12:00	End Time	16:00	Comment Well is shut in and secure with the HCR valve is open and all the manual valves are closed SDFN. MIRU HES Frac equipment MIRU J-W Wireline,  Plan Forward= 03-6-14 @ 08:00 am. Tested frac equipment 10,000. Test equipment per NFX/AOI guidelines. Establish injection rate. RU J-W test lubricator 10,000 RIH P&P Stage #8
Start Time	16:00	End Time	00:00	Comment SDFN



**Summary Rig Activity**

**Well Name: Fausett 4-13-3-2WH**

Sundry Number : 53180 API Well Number : 43013516140000

--

**Daily Operations**

Report Start Date 3/6/2014	Report End Date 3/7/2014	24hr Activity Summary Frac
-------------------------------	-----------------------------	-------------------------------

Start Time	00:00	End Time	07:00	Comment SDFN
Start Time	07:00	End Time	09:00	Comment MIRU HES Frac equipment MIRU J-W Wireline, Tested frac equipment 8.800 Psi test good Plan Forward= RU J-W lubricator test 10,000 per NFX/AOI guidelines. Establish injection rate 20 bpm, go to 89 bbls flush & RIH P&P Stage #9
Start Time	09:00	End Time	11:00	Comment Open well 2,911 psi, Started Establish injection rate 5 bpm @ 4,344 psi, increase rate to 8.8 bpm @ 5,377 psi, increase rate to 12.3 bpm @ 5,741 psi. Increase rate to 15.8 bpm @ 6,251 psi with 140 bbls into. Increase rate to 17.9 bpm at 6,720 psi. with 198 bbls into we increased rate to 21.6 bpm @ 7,050 psi. We lost an end cap on one pump and dropped rate back to 18.0 bpm and held @ 7,030 psi for remainder of pump in. Pumped a total of 303 bbls. SD pumping, ISIP: 5,420 psi and 5 min: 4,210 psi. Shut well in and are currently preparing WL for pump down.
Start Time	11:00	End Time	13:00	Comment J-W rehead wireline. Plug and Perf: Stage #9 RIH with guns and Plug to KOP. pumped down guns at 17.1 bpm @ 7,260 Psi, @153 fpm, 1,340 LT, pumped plug to 12,440 LT 1,811 set plug LT 1,640 POH and perfed at 12,405' 12,407'. 12,280' 12,282'. POOH with tools, Max pressure for pump down: 7,260                      Max rate for pump down- 17.1bpm.                      Total BBls pumped- 439. Currently-Wireline is POOH with tools. Plan forward-Frac stage #9
Start Time	13:00	End Time	15:00	Comment POOH with Wireline tools all gun's fire and have all tools. RDMO J-W Wireline NU Night Cap Cameron test 250 psi low 10,000 psi high per NFX/AOI guidelines. SDFN
Start Time	15:00	End Time	17:00	Comment RDMO Halliburton Frac Well is shut in and secure with the HCR valve is open and all the manual valves are closed. SDFN  Brady Trucking off-loading 30/50 white sand into Halliburton sand units
Start Time	17:00	End Time	00:00	Comment SDFN

Report Start Date 3/7/2014	Report End Date 3/8/2014	24hr Activity Summary Waiting on Frac SDFN
-------------------------------	-----------------------------	---

Start Time	00:00	End Time	10:00	Comment Waiting on Halliburton frac. SDFN
Start Time	10:00	End Time	00:00	Comment MIRU J-W Wireline & Halliburton Frac Water on location heat to 80. Cameron just started ND Night Cap NU J-W Bowling Flange10K

Report Start Date 3/8/2014	Report End Date 3/9/2014	24hr Activity Summary RU Halliburton and J-W Wireline to start frac on stage #9
-------------------------------	-----------------------------	--

Start Time	00:00	End Time	04:00	Comment Halliburton's Still RU frac lines, Equipment and will be ready to pressure test frac lines at 04:00.
------------	-------	----------	-------	---



**Well Name: Fausett 4-13-3-2WH**

**Summary Rig Activity**

Sundry Number : 53180 API Well Number : 43013516140000

Start Time			End Time			Comment		
04:00			07:00			- Halliburton's firing up equipment and will prime up and pressure test frac lines to the well head to 10,000psi. and close in their ground valves and test the rest of their lines to 10,800psi		
Start Time			End Time			Comment		
07:00			09:00			Pumped stage #9 as designed with no issues. Details to follow. Max pressure 7,992 psi ISIP-4,700 psi Currently- Prep to P&P stage #10		
Start Time			End Time			Comment		
09:00			11:00			J-W rehead wireline. Plug and Perf: Stage #10 RIH with guns and Plug to KOP. pumped down guns at 17.1 bpm @ 6,057 Psi, @153 fpm, 1,640LT, pumped plug to 12,144 LT 1,640 Fired to set plug, saw cap break, setting tool never stroked off of plug. Max pressure for pump down: 6,057 Max rate for pump down- 17.1bpm. Total BBIs pumped- 260. Currently- Cant pull off plug		
Start Time			End Time			Comment		
11:00			14:00			Set plug @12144, Line tension 1680. Fired to set plug, saw cap break, setting tool never stroked off of plug. We are working wire up to 3900LT, called engineer and Orson. We will work line some more. We have permission to fire bottom guns if we can't work free. Started pumping into manual sleeve, setting tool plug not moved, pumping in increments of 3.3bpm 5240psi, 6.6bpm 5481psi, 9bpm 5786 psi. Shut down pumps, started back working wire up and down, 3900LT. Start back pumps 9.0bpm 5930 psi. Working wire up to 2000 over. Gun fire pressure went to 5223psi, no weight lost, shut down pumps. Still working wire up to 3900LT. Pumped 4.0bpm at 4747psi. Pulled 4000 over. Fired top gun at 12126.5, 5800LT, no loss in weight. Total pumped 55bbbls on plug. Went back working wire up to 4k over. 4000psi on well, started to pull 4k over and surge well back. Work wire up and down, pull 4k over, no good. 13:18 Shut well in. 3000psi on well. Still working up to 4k over.		
Start Time			End Time			Comment		
14:00			15:00			Shut well in. 3000psi on well. Still working up to 4k over. To get off plug.		
Start Time			End Time			Comment		
15:00			17:00			Shut well in. 3000psi on well. Still working up to 5,800k over. Can't get off plug		
Start Time			End Time			Comment		
17:00			00:00			Still working wireline up and down, pulling to 7,000k on the weight indicator 10 12 times then stopping for 30-45minutes, no change yet		
Report Start Date	Report End Date	24hr Activity Summary						
3/9/2014	3/10/2014	frac stage #9 stuck in the hole with wireline on plug and perf for stage #10						
Start Time			End Time			Comment		
00:00			02:00			Still working wireline up and down, pulling to 7,000k on the weight indicator 10 12 times then stopping for 30-45minutes, no change yet. Halliburton has RD equipment and left for another pad. Halliburton's missile and hard iron are still hooked up to the well.		
Start Time			End Time			Comment		
02:00			03:00			Daylight savings time spring forward and hour		
Start Time			End Time			Comment		
03:00			09:00			Still working wireline up and down, pulling to 7,000k on the weight indicator 10 12 times then stopping for 30-45minutes, no change yet		
Start Time			End Time			Comment		
09:00			11:00			Still working wireline up and down, pulling to 7,000k on the weight indicator 10 12 times then stopping for 30-45minutes, no change yet. J-W MIRU 2nd Crane close to well RU T clamp on top location put wire line on 2nd crane we can pull more weight,		



Well Name: Fausett 4-13-3-2WH

## Summary Rig Activity

Sundry Number : 53180 API Well Number : 43013516140000

Start Time			11:00		End Time		14:00		Comment	
									Still working wireline up and down, pulling to 8,900k on the weight indicator pulled out rope socket POOH with all wire line. Top Fish @ 12,118 BHA ( Overline Top Sub L-0.79 OD-2.00 ) ( Tungsten Over the line L-5.00 OD-2.75 ) ( CCL L-1.25 OD-3.12 ) ( Quick-Change L-1.50 OD-3.13 ) ( 1 Gun L-2.50 OD-3.13 #2 Gun L-2.50 OD-3.13 ) ( Quick Change L-1.50 OD-3.13 ) ( Baker 20 L-6.00 OD-3.38 ) ( Sleeve L-2.00 OD-3.60 ) Top Fish @ 12,118 Finish RDMO Halliburton and RDMO J-W Wire Line. Well is shut in and secure with the HCR valve is open and all the manual valves are closed. SDFN Cameron just started ND J-W Bowling Flange NU Night Cap 10K going test 250 psi low 10,000 psi high per NFX/AOI guidelines.	
Start Time			14:00		End Time		00:00		Comment	
									. Well is shut in and secure with the HCR valve is open and all the manual valves are closed. SDFN	
Report Start Date		Report End Date		24hr Activity Summary						
3/10/2014		3/11/2014		SDFN						
Start Time			00:00		End Time		06:00		Comment	
									SDFN, waiting on decision of plan for fishing operations	
Start Time			06:00		End Time		19:30		Comment	
									Waiting on CT Crew and Equipment to arrive on location, and get fishing tools prepped for fishing job	
Start Time			19:30		End Time		00:00		Comment	
									CUDD coil tubing showed up at 19:30. Help PJSM with everybody on location to go over the RU process and the way it needs to be RU. Then everybody went to RU the coil stack and the coil unit. Well is shut in and secure with the HCR valve is open and all the manual valves are closed. We will get the coil stack RU to the NFX Coil tubing RU procedures. The coil stack is as follows from top down. CUDD injector head, 30feet of CUUD lubricator, quad BOP Stack (BCSP), Single pipe ram BOP, CUDD flowcross, 4 1/16th 15k rental gate valve, single ram blind shear, 10feet of spacer spools, 7" 10k rental valve, 1foot spacer spool and then the FMC frac stack as follows from bottom to top, 10K 7-1/16" 'Lower Master' hydraulic frac valve (HCR), 10K 7-1/16" 'Upper Master' manual frac valve, 10K 7-1/16" flowcross with dual, double 2-1/16" outlets, 10K 7-1/16" 'Crown' manual frac valve.	
Start Time			00:00		End Time		00:00		Comment	
Report Start Date		Report End Date		24hr Activity Summary						
3/11/2014		3/12/2014		Waited on the Cudd coil unit 19:45 to show up to RU						
Start Time			00:00		End Time		04:00		Comment	
									The coil stack is as follows from top down. CUDD injector head, 30feet of CUUD lubricator, quad BOP Stack (BCSP), Single pipe ram BOP, CUDD flowcross, 4 1/16th 15k rental gate valve, single ram blind shear, 10feet of spacer spools, 7" 10k rental valve, 1foot spacer spool and then the FMC frac stack as follows from bottom to top, 10K 7-1/16" 'Lower Master' hydraulic frac valve (HCR), 10K 7-1/16" 'Upper Master' manual frac valve, 10K 7-1/16" flowcross with dual, double 2-1/16" outlets, 10K 7-1/16" 'Crown' manual frac valve.	
Start Time			04:00		End Time		05:00		Comment	
									We are done tetsing the stack until the tool hand gets here with the BHA to finish testing the stack and BHA that needs to be tested.	
Start Time			05:00		End Time		07:00		Comment	
									The coil stack is as follows from top down. CUDD injector head, 30feet of CUUD lubricator, quad BOP Stack (BCSP), ( Single pipe ram BOP, 250 low & 10,000 high test good ) ( CUDD flowcross, 4 1/16th 15k rental gate valve, single ram blind shear, 10feet of spacer spools, 250 psi low & 10,000 psi high test good ) ( 7" 10k rental valve, 1foot spacer spool and then the FMC frac stack as follows from bottom to top, 250 psi low & 10,000 psi high test good ) ( 10K 7-1/16" 'Lower Master' hydraulic frac valve (HCR), ( 10K 7-1/16" 'Upper Master' manual frac valve, ) 10K 7-1/16" flowcross with dual, double 2-1/16" outlets, 10K 7-1/16" 'Crown' manual frac valve. ( BHA RBS SC Over shot OD-3.750 ID-2.00 L-2.05 ) ( WTF H.D Disconnect OD-2.875 ID-0.50 L-2.27 ) ( WTF Dual acting Jar OD-2.875 ID-1.00 L-6.23 ) ( WTF Dual Acting Slinger OD-2.875 ID-1.00 L-6.53 ) ( WTF Motor Head Assy. OD-2.875 ID-0.625 L-3.55 ) ( Total BHA L-20.63 ft ) ( 2.00" Coil )	
Start Time			07:00		End Time		09:00		Comment	
									Current Operations- We started RIH w/CT tag up in B-section with overshot ND lubricator, off B.O.P stack. Cudd straight CT	



**Summary Rig Activity**

**Well Name: Fausett 4-13-3-2WH**

Start Time			End Time			Comment		
09:00			11:00			Cudd straight CT NU lubricator top B.O.P stack started working CT up & down tap up in B-section started pump 2 bpm @4,100 psi working CT up & down can't go through B-section, we are tap up in B-section		
Start Time			End Time			Comment		
11:00			15:00			( BHA RBS SC Over shot OD-3.750 ID-2.00 L-2.05 ) ( WTF Knuckle Joint OD- 2.875 L-1.4 ) ( WTF H.D Disconnect OD-2.875 ID-0.50 L-2.27 ) ( WTF Dual acting Jar OD-2.875 ID-1.00 L-6.23 ) ( WTF Dual Acting Slinger OD-2.875 ID-1.00 L-6.53 ) ( WTF Dual Flapper Motor Head Assy. OD-2.875 ID-0.625 L-3.55 ) ( Total BHA L-20.63 ft ) ( 2.00" Coil )  Current Operations- NU Knuckle Joint top Overshoot. Test location 10,000 psi test good. 3,000 Psi on well. We are RIH w/CT Going good. Pump 25 bbls every 1,000 ft,		
Start Time			End Time			Comment		
15:00			17:30			BHA RBS SC Over shot OD-3.750 ID-2.00 L-2.05 ) @ 80 fpm pump ¼ bpm in @ 3,270 Psi & ¼ bpm out @ 3,000 Psi to 8,840. Pulled up 100 ft to check weight on CT, RIH 12,000 check weight. Weight 22,000 RIH tag fish @ 12,115' set down on fish 5,000'. Pulled out 22,000 over RIH tag fish set down on 5,000'. Pulled up 28,000 over jars went off, fish came lose pulled up hole 30 ft and RIH to tag fish again-no weight. Start OOH.		
Start Time			End Time			Comment		
17:30			19:30			Coil tubing in vertical, stop fluid pump rate @ 0.75 bpm. POOH @ 80 fpm in vertical.		
Start Time			End Time			Comment		
19:30			21:30			Cudd coil on surface with Weatherford BHA, break connection above frac valve, lower string and overshot did latch on fish. JW Wireline bled string and it did have pressure on it. Break connections and blow down coil tubing with nitrogen.		
Report Start Date	Report End Date	24hr Activity Summary						
3/12/2014	3/13/2014	MIRU Cudd coil w/ Weatherford BHA to fish wireline BHA. Latch and pull fish, RDMO coil equipment.						
Start Time			End Time			Comment		
00:00			05:00			Haul off flowback fluids, Well shut in and secure for the morning. Cudd coil tubing equipment on location ready to be moved in the morning. Frac stack ready for wireline.		
Start Time			End Time			Comment		
05:00			00:00			Well is shut in and secure with the HCR valve is open and all the manual valves are closed. SDFN Waiting On Halliburton Frac  Plan forward- Pump P&P on stage #10. Frac stage #10		
Report Start Date	Report End Date	24hr Activity Summary						
3/13/2014	3/14/2014	SDFN Waiting on Frac						
Start Time			End Time			Comment		
00:00			00:00			Well is shut in and secure with the HCR valve is open and all the manual valves are closed. SDFN Waiting On Halliburton Frac  Plan forward- Pump P&P on stage #10. Frac stage #10		
Report Start Date	Report End Date	24hr Activity Summary						
3/14/2014	3/15/2014	SDFN Waiting On Frac						
Start Time			End Time			Comment		
00:00			08:00			SDFN		
Start Time			End Time			Comment		
08:00			10:00			MIRU J-W Wire Line & Halliburton		
Start Time			End Time			Comment		
10:00			11:00			B&C Quick Test ND Night Cap & NU J-W Bowling Flange10K going test 250 psi low 10,000 psi high per NFX/AOI guidelines		



**Summary Rig Activity**

**Well Name: Fausett 4-13-3-2WH**

Start Time			End Time			Comment		
11:00			12:00			@ 11:54 am Open well 3,100 psi, Started Establish injection rate 4 bpm @ 4,040 psi, increase rate to 8 bpm @ 4,995 psi, increase rate to 10 bpm @ 5,240 psi. Increase rate to 12 bpm @ 5,485 psi with 72 bbls into. Increase rate to 15 bpm at 5,668 psi. with 112 bbls into we increased rate to 17 bpm @ 6,158 psi. Held @ 6,158 psi for remainder of pump in. Pumped a total of 270 bbls. SD pumping, ISIP: 4,500 psi and 5 min: 3,860 psi. Shut well in and are currently preparing WL for pump down		
Start Time			End Time			Comment		
12:00			13:00			J-W rehead wireline. Plug and Perf: Stage #10 RIH with guns and Plug to KOP. pumped down guns at 10.9 bpm @ 5,802 Psi, @190 fpm, 1,450 LT, pumped plug to 12,100 LT 1,450 set plug LT 1,445 POH and perfed at 12,060'. 12,062'. To 11,990'. 11,992'. POOH with tools, Max pressure for pump down: 5,802                      Max rate for pump down- 10.9 bpm.                      Total BBls pumped- 222. Currently-Wireline is POOH with tools.		
Start Time			End Time			Comment		
13:00			14:00			Wireline is POOH with tools. All gun's fire B&C Quick Test ND J-W Bowling Flange10K NU Night Cap & test 250 psi low 10,000 psi high per NFX/AOI guidelines. Test Good, Well is shut in and secure with the HCR valve is open and all the manual valves are closed. SDFN Waiting On Halliburton Frac		
Start Time			End Time			Comment		
14:00			16:00			RDMO J-W & Halliburton.. SDFN Waiting On Halliburton Frac		
Start Time			End Time			Comment		
16:00			00:00			SDFN		
Report Start Date	Report End Date	24hr Activity Summary						
3/15/2014	3/16/2014	SDFN Waiting on Frac						
Start Time			End Time			Comment		
00:00			08:00			SDFN Waiting on Frac		
Start Time			End Time			Comment		
08:00			14:00			Well is shut in and secure with the HCR valve is open and all the manual valves are closed. SDFN Waiting On Halliburton Frac RockWater Consolidated all water on location, Loading 5 tank's with fresh water, all tanks be full.		
Start Time			End Time			Comment		
14:00			00:00			SDFN Waiting on Frac		
Report Start Date	Report End Date	24hr Activity Summary						
3/16/2014	3/17/2014	SDFN Waiting on Frac						
Start Time			End Time			Comment		
00:00			00:00			SDFN Waiting on Frac. Well is shut in and secure with the HCR valve is open and all the manual valves are closed. SDFN Waiting On Halliburton Frac RockWater Consolidated all water on location, Loading 5 tank's with fresh water, all tanks be full.		
Report Start Date	Report End Date	24hr Activity Summary						
3/17/2014	3/18/2014	SDFN Waiting on Frac						
Start Time			End Time			Comment		
00:00			00:00			SDFN Waiting on Frac. Well is shut in and secure with the HCR valve is open and all the manual valves are closed. SDFN Waiting On Halliburton Frac RockWater Consolidated all water on location, Loading 5 tank's with fresh water, all tanks be full.		
Report Start Date	Report End Date	24hr Activity Summary						
3/18/2014	3/19/2014	SDFN Waiting on Frac						



**Summary Rig Activity**

**Well Name: Fausett 4-13-3-2WH**

Start Time			00:00	End Time		00:00	Comment
							SDFN Waiting on Frac. Well is shut in and secure with the HCR valve is open and all the manual valves are closed. SDFN Waiting On Halliburton Frac RockWater Consolidated all water on location, Loading 5 tank's with fresh water, all tanks be full.
Report Start Date	Report End Date	24hr Activity Summary					
3/19/2014	3/20/2014	SDFN Waiting on Frac					
Start Time			00:00	End Time		00:00	Comment
							SDFN Waiting on Frac. Well is shut in and secure with the HCR valve is open and all the manual valves are closed. SDFN Waiting On Halliburton Frac RockWater Consolidated all water on location, Loading 5 tank's with fresh water, all tanks be full.
Report Start Date	Report End Date	24hr Activity Summary					
3/20/2014	3/21/2014	Waiting on Frac					
Start Time			00:00	End Time		00:00	Comment
							SDFN Waiting on Frac. Well is shut in and secure with the HCR valve is open and all the manual valves are closed. SDFN Waiting On Halliburton Frac RockWater Consolidated all water on location, Loading 5 tank's with fresh water, all tanks be full.
Report Start Date	Report End Date	24hr Activity Summary					
3/21/2014	3/22/2014	Heat frac tanks and start rigging in frac equipment.					
Start Time			00:00	End Time		21:00	Comment
							SDFN Waiting on Frac. Well is shut in and secure with the HCR valve is open and all the manual valves are closed. SDFN Waiting On Halliburton Frac RockWater Consolidated all water on location, Loading 5 tank's with fresh water, all tanks be full. Two super heaters on location to heat frac tanks before frac crew arrives.
Start Time			21:00	End Time		00:00	Comment
							Halliburton on location starting to spot equipment. Heaters almost finished heating tanks.
Report Start Date	Report End Date	24hr Activity Summary					
3/22/2014	3/23/2014	Fracing					
Start Time			00:00	End Time		04:00	Comment
							Frac tanks are heated to temperature. JW Wireline on location to spot and rig up equipment with Halliburton.
Start Time			04:00	End Time		10:00	Comment
							Well is shut in and secure with the HCR valve is open and all the manual valves are closed SDFN. MIRU HES Frac equipment MIRU J-W Wireline,
Start Time			10:00	End Time		11:00	Comment
							Tested frac equipment 10,000. Global Kick Outs set at 9800 psi. RU J-W test lubricator 10,000 Test equipment per NFX/AOI guidelines. Test GoodFrac Stage #10
Start Time			11:00	End Time		13:00	Comment
							Pumped stage #10 as designed with no issues.Max pressure 6,215 psi ISIP-5,220 psi Currently- Prep to P&P stage #11
Start Time			13:00	End Time		15:00	Comment
							J-W rehead wireline. Plug and Perf: Stage #11 RIH with guns and Plug to KOP. pumped down guns at 14.3 bpm @ 5,368 Psi, @146 fpm, 1,191 LT, pumped plug to 11,948 LT 1,526 set plug LT 1,460 POH and perfed at 1,1870'. 1,1872'. 1,1807' 1,1809'. POOH with tools, All guns fire drop ball. Max pressure for pump down: 5,416 Max rate for pump down- 14.3 bpm. Total BBIs pumped- 329.



Well Name: Fausett 4-13-3-2WH

## Summary Rig Activity

Start Time	End Time	Comment
15:00	17:00	Pumped stage #11. Pressured out at the end of flush, flushed total of 25bbl over w/ no relief in pressure. Turned over to FB. Currently- Open well up 6,900 psi started flowing back 16/64 chock @ 3,000. Flow back 400 bbls. 263 bbls is are well volume.
17:00	19:00	Flowback Stage #11 with 7.0 bpm @ 1,800 psi on #38/64 adjustable. Total volume recovered - 400 bbls with clean samples.
19:00	21:00	Flushed well with lateral volume, ball appeared to seat. Flushed well 3.5 bpm for a majority of 600 bbls, pressure rose to 9,500 psi and stopped pumps to return back to flowback.
21:00	00:00	Start flowing back well with 8.0 bpm @ 1,900 psi with 28/64 adjustable choke. Flowed 500 bbls then pressure started declining to 500 psi with full open choke.
Report Start Date 3/23/2014	Report End Date 3/24/2014	24hr Activity Summary
00:00	01:30	Start flowing back well with 8.0 bpm @ 1,900 psi with 28/64 adjustable choke. Flowed 500 bbls then pressure started declining to 500 psi with full open choke. Flowed a total of 1,200 bbls with pressure ending at 400 psi.
01:30	02:00	Injection Rate - Pumped freshwater slickwater with a rate of 33.0 bpm @ 6,700 psi. Total Volume 530 bbls. Proceed to rig up wireline.
02:00	05:00	Plug and Perf: Stage #12 RIH with guns and Plug to KOP. pumped down guns at 14.6 bpm @ 6,100 Psi, @ 210 fpm, 1,210 LT, pumped plug to 11,752.5 LT 1,500 set plug LT 1,388 POH and perfed at 11,723'. 11,725'. 11,645' 11,647'. POOH with tools, Max pressure for pump down: 6,118 Max rate for pump down- 14.6 bpm. Total bbls pumped- 220
05:00	07:00	Frac Stage #12 as designed with no issues.
07:00	09:00	Plug and Perf: Stage #13 RIH with guns and Plug to KOP. pumped down guns at 14.1 bpm @ 6,177 Psi, @ 211 fpm, 1,206 LT, pumped plug to 11,562 LT 1,561 set plug LT 1,418 POH and perfed at 11,465'. 11,467'. 11,360' 11,362'. POOH with tools, Max pressure for pump down: 6,929 Max rate for pump down- 14.1 bpm. Total bbls pumped- 209 All tools out hole all guns fire. Drop ball
09:00	10:00	Frac Stage #13 as designed with no issues. Open WH at 08:50 am 3,910 on well. Max Press-7,685 Max rate-35.2 IPIS at end of job-6,200. Frac Details to follow.
10:00	12:00	Plug and Perf: Stage #14 RIH with guns and Plug to KOP. pumped down guns at 14.1 bpm @ 4,665 Psi, @ 194 fpm, 1,210 LT, pumped plug to 11,286 LT 1,550 set plug LT 1,497 POH and perfed at 11,252'. 11,254'. 11,175' 11,177'. POOH with tools, Max pressure for pump down: 5,794 Max rate for pump down- 14.1 bpm. Total bbls pumped- 201 All tools out hole all guns fire. Drop ball



Summary Rig Activity

Well Name: Fausett 4-13-3-2WH

Sundry Number : 53180 API Well Number : 43013516140000

Start Time	12:00	End Time 14:00	Comment Frac Stage #14 as designed with no issues. Max Press-7,330 Max rate-35.3 IPIS at end of job-5,660. Frac Details to follow. Currently- RIH P&P Stage #15
Start Time	14:00	End Time 15:00	Comment Plug and Perf: Stage #15 RIH with guns and Plug to KOP. pumped down guns at 14.0 bpm @ 5,540 Psi, @ 164 fpm, 1,130 LT, pumped plug to 11,130 LT 1,554 set plug LT 1.487 POH and perfed at 11,085'. 11,087'. 11,034'. 11,036'. POOH with tools, Max pressure for pump down: 5,575 Max rate for pump down- 14.0 bpm. Total bbls pumped- 199  All tools out hole all guns fire. Drop ball
Start Time	15:00	End Time 17:30	Comment Stage #15 pumped as per program.
Start Time	17:30	End Time 19:30	Comment Plug and Perf: Stage #16 RIH with guns and Plug to KOP. pumped down guns at 14.0 bpm @ 6,228 Psi, @ 240 fpm, 970 LT, pumped plug to 11,011 LT 1,440 set plug LT 1,407 POH and perfed at 10,965'- 10,967'. 10,895'-10,897'. POOH with tools, Max pressure for pump down: 6,428 Max rate for pump down- 14.0 bpm. Total bbls pumped- 134
Start Time	19:30	End Time 21:00	Comment Stage #16 pumped as per program.
Start Time	21:00	End Time 23:00	Comment Plug and Perf: Stage #17 RIH with guns and Plug to KOP. pumped down guns at 14.0 bpm @ 5,961 psi, @ 240 fpm, 1030 LT, pumped plug to 10,820 LT 1,526 set plug LT 1,389 POH and perfed at 10,764'- 10,766'. 10,680'-10,682'. POOH with tools, Max pressure for pump down: 6,047 Max rate for pump down- 14.0 bpm. Total bbls pumped- 117
Start Time	23:00	End Time 00:00	Comment Stage #17 pumped as per program.
Report Start Date	Report End Date	24hr Activity Summary	
3/24/2014	3/25/2014		
Start Time	00:00	End Time 02:00	Comment Plug and Perf: Stage #18 RIH with guns and Plug to KOP. pumped down guns at 14.0 bpm @ 5,962 psi, @ 240 fpm, 930 LT, pumped plug to 10,616 LT 1,496 set plug LT 1,346 POH and perfed at 10,580'- 10,582'. 10,510'-10,512'. POOH with tools, Max pressure for pump down: 6,108 Max rate for pump down- 14.0 bpm. Total bbls pumped- 106 All tools out hole all guns fire. Drop ball
Start Time	02:00	End Time 03:00	Comment Stage #18 pumped as per program.
Start Time	03:00	End Time 05:00	Comment Plug and Perf: Stage #19 RIH with guns and Plug to KOP. pumped down guns at 14.0 bpm @ 5,901 psi, @ 250 fpm, 990 LT, pumped plug to 10,408 LT 1,496 set plug LT 1,374 POH and perfed at 10,355'- 10,357'. 10,280'-10,282'. POOH with tools, Max pressure for pump down: 6,182 Max rate for pump down- 14.0 bpm. Total bbls pumped- 88
Start Time	05:00	End Time 06:00	Comment Stage #19 pumped as per program.



**Summary Rig Activity**

**Well Name: Fausett 4-13-3-2WH**

Sundry Number : 53180 API Well Number : 43013516140000

Start Time	06:00	End Time	08:00	Comment
				Plug and Perf: Stage #20 RIH with guns and Plug to KOP. pumped down guns at 14.0 bpm @ 6,016 psi. @ 136 fpm, 1,204 LT, pumped plug to 10,200 LT 1,480 set plug LT 1,410 POH and perfed at 10,160'- 10,162'. 10,075'-10,077'. POOH with tools, Max pressure for pump down: 6,214 Max rate for pump down- 14.0 bpm. Total bbls pumped- 160 All tools out hole all guns fire. Drop ball
Start Time	08:00	End Time	10:00	Comment
				Frac Stage #20 as designed with no issues.
Start Time	10:00	End Time	11:18	Comment
				Plug and Perf: Stage #21 RIH with guns and Plug to KOP. pumped down guns at 14.0 bpm @ 6,110 psi, @ 145 fpm, 1,190 LT, pumped plug to 9,988 LT 1,505 set plug LT 1,440 POH and perfed at 9,925'- 9,927'. 9,825'-9,827'. POOH with tools, Max pressure for pump down: 6,457 Max rate for pump down- 14.0 bpm. Total bbls pumped- 98 All tools out hole all guns fire. Drop ball
Start Time	11:18	End Time	13:00	Comment
				Frac Stage #21 as designed with no issues
Start Time	13:00	End Time	15:00	Comment
				Plug and Perf: Stage #22 RIH with guns and Plug to KOP. pumped down guns at 12.0 bpm @ 5,580 psi, @ 120 fpm, 1,065 LT, pumped plug to 9,736 LT 1,500 set plug LT 1,490 POH and perfed at 9,650'- 9,652'. 9,575'-9,577'. POOH with tools, Max pressure for pump down: 6,215 Max rate for pump down- 12.0 bpm. Total bbls pumped- 86 All tools out hole all guns fire. Drop ball
Start Time	15:00	End Time	16:30	Comment
				Frac Stage #22 as designed with no issues
Start Time	16:30	End Time	18:00	Comment
				Plug and Perf: Stage #23 RIH with guns and Plug to KOP. pumped down guns at 12.0 bpm @ 5,882 psi, @ 176 fpm, 1,650 LT, pumped plug to 9,475 LT 1,340 set plug LT 1,340 POH and perfed at 9,445'- 9,447'. 9,360'-9,362'. POOH with tools, Max pressure for pump down: 5882 Max rate for pump down- 12.0 bpm. Total bbls pumped- 82 All tools out hole all guns fire. Drop ball
Start Time	18:00	End Time	20:00	Comment
				Frac Stage #23 Screened out with 32bbls left in flush. Clean water volume should have been down to 7745'. The well had 9400psi when we shut down. We bleed down to 4500psi so wireline could get in the hole to set the first plug.
Start Time	20:00	End Time	22:30	Comment
				RIH with first Composite bridge plug. We set it @ 7,010'. The second Composite bridge plug is set @ 6,970'. The well had 4860psi when the first kill plug was set
Start Time	22:30	End Time	00:00	Comment
				J-W Wireline and Halliburton RD and MOL.
Report Start Date	Report End Date	24hr Activity Summary		
3/25/2014	3/26/2014	Finish up the plugging, perforating and fracs		
Start Time	00:00	End Time	02:00	Comment
				ND FMC 7 1/16 10k Frac stack as follows from top to bottom goat head, top manual valve, flowcross and bottom manual valve. Leaving the FMC 7 1/16" 10k HCR valve.
Start Time	02:00	End Time	04:00	Comment
				NU Knight BOP stack as follows from bottom to top 7 1/16" 10k double BOP with shear rams and 2 7/8" pipe rams, 7 1/16" 10k flowcross with double 2 1/16"10k gate valves, Single 7 1/16" 10k BOP with 2 7/8" pipe rams & 7 1/16" 5k annular bag.



Well Name: Fausett 4-13-3-2WH

## Summary Rig Activity

Start Time			End Time			Comment		
04:00			06:00			Pressure testing each flange that was broke, both sets of 2 7/8" pipe rams and a Shell test to a low of 250psi for 5 minutes and a high to 10,000psi for 10 minutes. Pressure test the 5k annular bag to a low of 250psi for 5 minutes and a high to 3850psi for 10 minutes.		
Start Time			End Time			Comment		
06:00			08:00			Current Operations: Test B.O.P Stack 10K 7-1/16" HCR (Already Installed on Wellhead) Test 250 low, 10,000 psi high. Test Good 10K 7-1/16" BOP with Blind shear rams and double valve choke/kill outlets. Test 250 psi low, 10,000 psi high. Test Good 10K 7-1/16" pipe BOP with 2-7/8" rams. Test 250 psi low, 10,000 psi high. Test Good 10K 7-1/16" flow cross with dual, double valved 2-1/16" outlets 10K 7-1/16" single pipe BOP with 2-7/8" rams. Test 250 psi, 10,000 high. Test Good 5K 7-1/16" Annular preventer/Hydril. Test 250 low, 3,500 high. Test Good Function and pressure test the bottom manual valve and each component of BOP stack per Newfield BOP Pressure Testing Procedures 250 psi low, 10,000 psi high.		
Start Time			End Time			Comment		
08:00			18:00			Runner delivering 2-7/8" CS Tubing, C,S,I Clean & Drift MIRU Nabots Work Rig. Spot Basic Catwalk & Swivel MIRU Nabors Pump & pit.		
Start Time			End Time			Comment		
18:00			22:00			Nabors started RIH with 2-7/8" CS Tubing, C,S,I		
Start Time			End Time			Comment		
22:00			00:00			Nabors has 85 jts in the hole (2,625.44') still RIH with 2-7/8" CS Tubing, C,S,I with Weatherford BHA.		
Report Start Date	Report End Date	24hr Activity Summary						
3/26/2014	3/27/2014	Get the Nabors rig RU and got 101 jts RIH						
Start Time			End Time			Comment		
00:00			02:00			Nabors has 101 jts in the hole (2,625.44') still RIH with 2-7/8" CS Tubing, C,S,I with Weatherford BHA.		
Start Time			End Time			Comment		
02:00			04:15			Nabors has 230 jts (6,839.70') of 2-7/8" CS Tubing, C,S,I with Weatherford BHA consists of BHA ( 4.65" OD 4-Blade Mill ) ( Pump-Off Bit Sub ) ( Flapper Pressure Valve ) ( Circulating Sleeve XXX OD ball seat ) ( 1 jt 2-7/8 CS 6.5# N-80 ) ( RN-Nipple ). Nabors has picked up the power swivel and are awaiting the arrival of the Weatherford pump so we can get started.		
Start Time			End Time			Comment		
04:15			06:00			Current Operations: Nabors has 230 jts (6,839.70') of 2-7/8" CS Tubing, C,S,I with Weatherford BHA consists of BHA ( 4-Blade Mill OD-4.625 ID-1.250 L-1.67 ) ( Pump-Off Bit Sub OD-3.750 ID-.750 L-1.88 ) ( Dual Flapper Pressure SUB 2-7/8' REG BOX X 2-7/8' REG PIN OD-3.750 ID-1.250 L-1.48 ) ( Circulating Sleeve-2-7/8' CS BOX X 2-7/8' REG PIN OD-3.750 ID-1.250 L-1.48 ball seat ) ( 1 jt 2-7/8 CS 6.5# N-80 OD-2.875 ID-2.441 L-31.50 ) ( RN-Nipple 2-7/8' CS OD- 3.438 ID-2.00 L-80 ). ( Total Length BHA 38.79 ) Nabors has picked up the power swivel and are awaiting the arrival of the Weatherford pump so we can get started. Plan Forward- Break Circulation pumping 2bpm in & 2bpm out, DO Kill Plug 6,970 kill plug 7,010. Wash down Frac Plug #23 @ 9,490 Circulation Bottoms up DO Plug #23. Awaiting the arrival of the Weatherford pump to do the drill out.		
Start Time			End Time			Comment		
06:00			13:00			Weatherford Pump just pull on location we are spot pump, be start DO plug about 2hrs )		
Start Time			End Time			Comment		
13:00			15:00			RIH tag kill plug 2 on jt 235 18 ft out @ 7,022. OOH 20 ft. 14:35 pm Started pumping 1.5 bpm in 1,000 & 1.5 bpm out 1,000 1.5 bpm in 1,000 psi & 1.5 bpm out 1,000 psi 1.5 bpm in 1,500 psi & 1.5 bpm out 1,500 psi 1.5 bpm in 2,050 psi & 1.5 bpm out 2,000 psi 2.0 bpm in 1,075 psi & 2.0 bpm out 1,000 psi Wash down tag Drilling on kill plug 2.0 bpm in @ 1,500 psi & 2.0 bpm out 1,000 psi. Going Good		



**Summary Rig Activity**

**Well Name: Fausett 4-13-3-2WH**

Sundry Number : 53180 API Well Number : 43013516140000

Report Start Date 3/27/2014			Report End Date 3/28/2014			24hr Activity Summary Drilled out both kill plugs and got to joint 305		
Start Time	15:00	End Time	20:00	Comment Tag plug Kill Plug #1 at 7,051' on jt # 236, Up weight 29,000k, down weight 26k, , neutral 26k. 1,200 free torque, 1,600 drill torque. WOB 6-8 pts, RPM @ 90-110 . . 2.5 bbl in @ 3,500psi 2.5 bbl out@3,000psi. on 20/64" choke. 34 minutes to drill plug. Pump 70 bbls water with .25 -gal FR to 1,000 gals. Pump 20 bbl Gel sweep. Current Operations: Circulation 100 bbls Bottoms up. Checking for sand circulation clean, Continue to RIH with 2-7/8" CS Tubing, C,S,I with Weatherford BHA. To the next plug at 9,490.				
Start Time	20:00	End Time	00:00	Comment Nabors has 305jts (9,042.73') of 2-7/8" CS Tubing, C,S,I with Weatherford BHA consists of BHA ( 4-Blade Mill OD-4.625 ID-1.250 L-1.67 ) ( Pump-Off Bit Sub OD-3.750 ID-.750 L-1.88 ) ( Dual Flapper Pressure SUB 2-7/8' REG BOX X 2-7/8' REG PIN OD-3.750 ID-1.250 L-1.48 ) ( Circulating Sleeve-2-7/8' CS BOX X 2-7/8' REG PIN OD-3.750 ID-1.250 L-1.48 ball seat ) ( 1 jt 2-7/8 CS 6.5# N-80 OD-2.875 ID-2.441 L-31.50 ) ( RN-Nipple 2-7/8' CS OD- 3.438 ID-2.00 L-.80 ). ( Total Length BHA 38.79 ).				
Start Time	00:00	End Time	01:30	Comment Nabors has 305jts (9,042.73') of 2-7/8" CS Tubing, C,S,I with Weatherford BHA consists of BHA ( 4-Blade Mill OD-4.625 ID-1.250 L-1.67 ) ( Pump-Off Bit Sub OD-3.750 ID-.750 L-1.88 ) ( Dual Flapper Pressure SUB 2-7/8' REG BOX X 2-7/8' REG PIN OD-3.750 ID-1.250 L-1.48 ) ( Circulating Sleeve-2-7/8' CS BOX X 2-7/8' REG PIN OD-3.750 ID-1.250 L-1.48 ball seat ) ( 1 jt 2-7/8 CS 6.5# N-80 OD-2.875 ID-2.441 L-31.50 ) ( RN-Nipple 2-7/8' CS OD- 3.438 ID-2.00 L-.80 ). ( Total Length BHA 38.79 ).				
Start Time	01:30	End Time	04:30	Comment Nabors tagged up on the first flow through frac plug on joint 319 10foot out (9,495.73') of 2-7/8" CS Tubing, C,S,I with Weatherford BHA consists of BHA ( 4-Blade Mill OD-4.625 ID-1.250 L-1.67 ) ( Pump-Off Bit Sub OD-3.750 ID-.750 L-1.88 ) ( Dual Flapper Pressure SUB 2-7/8' REG BOX X 2-7/8' REG PIN OD-3.750 ID-1.250 L-1.48 ) ( Circulating Sleeve-2-7/8' CS BOX X 2-7/8' REG PIN OD-3.750 ID-1.250 L-1.48 ball seat ) ( 1 jt 2-7/8 CS 6.5# N-80 OD-2.875 ID-2.441 L-31.50 ) ( RN-Nipple 2-7/8' CS OD- 3.438 ID-2.00 L-.80 ). ( Total Length BHA 38.79 ). We tagged Plug#23 up at 01:30 we have made 6-6.5 feet of hole in the 2.5 hrs we have been drilling. Up weight 38k, down weight 28k, , neutral 32k. 1,400 free torque, 2,000 drill torque. WOB 2-6 pts, RPM @ 60-90 . . 2.5 bbl in @ 3,200psi. 2.5 bbl out @ 3,000psi. on 24/64" choke. Pump 430 bbls of water pumped with .25 -gal FR to 1,000 gals. We have Pumped 3 20 bbl Gel sweeps.We made it through frac plug#23 @ 04:15 pumped 30bbls. Up weight 38k, down weight 28k, , neutral 32k. 1,400 free torque, 2,000 drill torque. WOB 2-6 pts, RPM @ 60-90 . . 2.5 bbl in @ 3,200psi. 2.5 bbl out @ 3,000psi. on 24/64" choke. Pump 465 bbls of water pumped with .25 -gal FR to 1,000 gals. We have Pumped 4 20 bbl Gel sweeps.				
Start Time	04:30	End Time	07:00	Comment RIH Tag Plug #22 @ 0500 on JT 327' 12' out @ 9,717'. Up weight 38k, down weight 28k, , neutral 32k. 2,200 free torque, 2,200 drill torque. WOB 2-4 pts, RPM @ 40-60 . 2.5 bbl in @ 3,200psi. 2.5 bbl out @ 3,000psi. on 24/64" choke. with .25 -gal FR to 1,000 gals. We are turn up drill torque 2,400. Drill out Plug#22 1 hr 35 min, through @ 0700, bbls 280				
Start Time	07:00	End Time	09:30	Comment RIH Tag Plug #21 @ 0820 on JT 336' 21' ft out @ 9,963'. Up weight 40k, down weight 37k, , neutral 32k. 2,400 free torque, 2,400 drill torque. WOB 2-4 pts, RPM @ 40-60 . 2.5 bbl in @ 3,200psi. 2.5 bbl out @ 3,000psi. on 24/64" choke. with .25 -gal FR to 1,000 gals. DO Time 1hr & 30mins. Total BBLs-190				
Start Time	09:30	End Time	11:30	Comment RIH Tag Plug #20 @ 1030 on JT 343' 15' ft out @ 10,180'. Up weight 41k, down weight 36k, , neutral 30k. 2,400 free torque, 2,400 drill torque. WOB 2-4 pts, RPM @ 40-60 . 2.5 bbl in @ 3,000psi. 2.5 bbl out @ 2,800psi. on 24/64" choke. with .50 -gal FR to 1,000 gals. with .50-pipe on pipe to 1,000-gal. DO Time 1hr & 35mins. Total BBLs-174				



**Summary Rig Activity**

**Well Name: Fausett 4-13-3-2WH**

Sundry Number : 53180 API Well Number : 43013516140000

Start Time	11:30	End Time	14:00	Comment
				RIH Tag Plug #19 @ 12:35 pm, JT 350' 8' ft out @ 10,392'. Up weight 42k, down weight 36k, , neutral 39k. 2,100 free torque, 2,500 drill torque. WOB 4-6 pts, RPM @ 40-60 . 2.5 bbl in @ 3,000psi. 2.5 bbl out @ 2,800psi. on 24/64" choke. with .50 -gal FR to 1,000 gals. with .50-pipe on pipe to 1,000-gal. DO Time 1hr & 13mins. Total BBLs-144
Start Time	14:00	End Time	16:00	Comment
				RIH Tag Plug #18 @ 14:35 pm, JT 357' 8' ft out @ 10,599'. Up weight 41k, down weight 35k, , neutral 38k. 2,200 free torque, 2,500 drill torque. WOB 6-8 pts, RPM @ 70 . 2.0 bbl in @ 2,800 psi. 2.5 bbl out @ 2,600psi. on 24/64" choke. with .50 -gal FR to 1,000 gals. with .50-pipe on pipe to 1,000-gal. DO 53 mins. Total BBLs-109
Start Time	16:00	End Time	18:00	Comment
				RIH Tag Plug #17 @ 16:11 pm, JT 364' 10' ft out @ 10,803.5'. Up weight 43 k, down weight 33 k, , neutral 37 k. 2,200 free torque, 2,550 drill torque. WOB 6-8 pts, RPM @ 70 . 2.0 bbl in @ 2,900 psi. 2.5 bbl out @ 2,600psi. on 24/64" choke. with .50 -gal FR to 1,000 gals. with .50-pipe on pipe to 1,000-gal. DO 53 mins. Total BBLs-109
Start Time	18:00	End Time	20:00	Comment
				RIH Tag Plug #16 @ 18:09 pm, JT 371' 20' ft out @ 10,998'20"out. Up weight 34k, down weight 27k, , neutral 40k. 2,200 free torque, 2,550 drill torque. WOB 6-8 pts, RPM @ 70 . 2.0 bbl in @ 2,800 psi. 2.5 bbl out @ 2,500psi. on 24/64" choke. with .50 -gal FR to 1,000 gals. with .50-pipe on pipe to 1,000-gal. DO 53 mins. Total BBLs-215
Start Time	20:00	End Time	22:00	Comment
				RIH Tag Plug #15 @ 18:09, JT 375' 10' ft out @ 11,125'. Up weight 34k, down weight 27k, , neutral 40k. 2,200 free torque, 2,500 drill torque. WOB 4-6 pts, RPM @ 40-60 . 2 bbl in @ 2800psi. 2.5 bbl out @ 2,400psi. on 22/64" choke. with .50 -gal FR to 1,000 gals. with .50-pipe on pipe to 1,000-gal. DO Time 178mins. Total BBLs-355
Report Start Date	Report End Date	24hr Activity Summary		
3/28/2014	3/29/2014	Continued to drill out plugs		
Start Time	00:00	End Time	02:00	Comment
				RIH Tag Plug #14 @ 00:10, JT 380' 20' ft in @ 11,262'. Up weight 38k, down weight 25k, , neutral 35k. 2,200 free torque, 2,500 drill torque. WOB 4-6 pts, RPM @ 40-60 . 2 bbl in @ 2800psi. 2.5 bbl out @ 2,500psi. on 23/64" choke. with .50 -gal FR to 1,000 gals. with .50-pipe on pipe to 1,000-gal. DO Time 102mins. Total BBLs-203
Start Time	02:00	End Time	04:00	Comment
				RIH Tag Plug #13 @ 03:04, JT 389' 8' ft out @ 11,540'. Up weight 37k, down weight 28k, , neutral 35k. 2,200 free torque, 2,600 drill torque. WOB 4-6 pts, RPM @ 40-60 . 2 bbl in @ 3000psi. 2.5 bbl out @ 2,500psi. on 23/64" choke. with .50 -gal FR to 1,000 gals. with .50-pipe on pipe to 1,000-gal. DO Time 40mins. Total BBLs-95
Start Time	04:00	End Time	06:18	Comment
				RIH Tag Plug #12 @ 05:30, JT 396' 20' ft out @ 11,734'. Up weight 38k, down weight 28k, , neutral 35k. 2,200 free torque, 2,600 drill torque. WOB 4-6 pts, RPM @ 40-60 . 2 bbl in @ 2900psi. 2.5 bbl out @ 2,800psi. on 23/64" choke. with .50 -gal FR to 1,000 gals. with .50-pipe on pipe to 1,000-gal. DO Time 55 mins. Total BBLs-120
Start Time	06:18	End Time	08:36	Comment
				RIH Tag Plug #11 @ 7:10, JT 407' 2' ft out @ 12,075'. Up weight 42k, down weight 30k, , neutral 37k. 2,000 free torque, 2,405 drill torque. WOB 4-6 pts, RPM @ 40-60 . 2 bbl in @ 2900psi. 2.5 bbl out @ 2,800psi. on 23/64" choke. with .50 -gal FR to 1,000 gals. with .50-pipe on pipe to 1,000-gal. DO Time 55 mins. Total BBLs-110
Start Time	08:36	End Time	11:36	Comment
				Plug #10 @ 8:54 jt 409 10 ft out @ 12,178. Up weight 42k, down weight 31k, , neutral 37k. 2,100 free torque, 2,500 drill torque. Torque is @ 2,600 on swivel. WOB 4-6 pts, RPM @ 40-60 . 2 bbl in @ 3000psi. 2.5 bbl out @ 2,700psi. on 4 23/64" choke. with .50 -gal FR to 1,000 gals. with .50-pipe on pipe to 1,000-gal. do 25 Mins Total BBLs 57. Wash down JT 410 & 411 @ 12,194



Summary Rig Activity

Well Name: Fausett 4-13-3-2WH

Start Time			End Time			Comment		
11:36			13:54			Plug #9 @ 11:25 am on jt 419' 8' ft out @ 12,419. Up weight 42k, down weight 35k, , neutral 37k. 2,100 free torque, 2,600 drill torque. Torque is @ 2,600 on swivel. WOB 4-6 pts, RPM @ 40-60 . 2 bbl in @ 2,800psi. 2.5 bbl out @ 2,700psi. on 23/64" choke. with .50 -gal FR to 1,000 gals. with .50-pipe on pipe to 1,000-gal. DO 1hr. Total BBLs-150. Wash Down jt 420 to 422 lay back swivel in deck		
13:54			16:54			RIH w/Mill tag Sand at 15:40 pm on jt 465' 18' ft out @ 13,749. Started wash down JT 465 to 468 20 ft out @ 13,840. Up weight 42k, down weight 35k, , neutral 37k. 2,100 free torque, 2,600 drill torque. Torque is @ 2,600 on swivel. WOB 4-6 pts, RPM @ 40-60 . 2 bbl in @ 2,800psi. 2.5 bbl out @ 2,700psi. on 23/64" choke. with .50 -gal FR to 1,000 gals. with .50-pipe on pipe to 1,000-gal. Current Operations- Circulating Bottoms with 450 BBLs.		
16:54			18:30			Circulating Bottoms with 450 BBLs.		
18:30			20:00			Pumped the bit off. Bit popped at 5700psi. Pumped 30bbls. Pressure before bit popped was 3300psi at 1bpm		
20:00			00:00			POOH laying down 175 jts 2-7/8' CS. EOT 8724.78'.		
Report Start Date	Report End Date	24hr Activity Summary						
3/29/2014	3/30/2014	Drillout all the plugs wash down to PBTB.						
00:00			05:00			Hot Oiler will do a 40bbl bowl wash then we will land the well. Pull the landing jt (2 7/8" EUE P-110) and test the hanger to a low of 250psi for 5 min. and a high of 10,000psi. for 10 min. Tubing configuration is as follows from top to bottom. KB (.26'), Hanger (.85'), Xover sub (.73'), 292jts of 2 7/8" L-80 CS Hydril tbg (8,662.44'), 2 7/8" RN nipple (.80'), 1jt 2 7/8" L-80 CS Hydril tbg. (30.20'). 2 7/8" pump open sub. (1.46'). 2 7/8" double flapper sub. (1.48'). 2 7/8" pump off bit sub. (.82'). EOT 8724.78'.		
05:00			08:00			ND Knights 10k BOP stack and NU the Cameron 10k Production tree and test it to a low of 250psi for 5 min. and a high of 10,000psi. for 10 min. Test good.		
08:00			11:00			Drop Ball, Started pumping 1-3/4' bpm @ 3,200 psi pump 10 bbls ball seat. Shift sleeve open @ 4,100 psi. Pump 4.1 bpm @ 3,200 psi pump total-100 bbls		
11:00			14:00			RDMO Nabors WOR & Rock Water Flow Back Iron. Hand well over to production.		
14:00			19:00			Heat flow back tanks trans oil to production tanks. Clean up location.		
19:00			00:00			Hand well over to production		

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Patented
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FAUSETT 4-13-3-2WH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0201 FSL 1575 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 12 Township: 03.0S Range: 02.0W Meridian: U		<b>9. API NUMBER:</b> 43013516140000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NORTH MYTON BENCH
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/5/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<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="Daily Drilling Reports"/>	
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 Daily Drilling Reports for the above mentioned well.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          January 22, 2016</b>		
<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/21/2016	

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Job Category	Job Start Date	Job End Date

**Daily Operations**

Report Start Date 11/2/2013	Report End Date 11/3/2013	24hr Activity Summary Set 60' of 20" conductor pipe.
Start Time 00:00	End Time 00:00	Comment Pete Martin Rig #16 spudded 26" hole on 11/02/2013 and drilled to 60' GL. Set 20", 52.78# (0.250" wall), SA53B conductor pipe at 60' GL and cemented to surface with Redi Mix. Kylan Cook notified UDOGM and BLM by e-mail @ 11:30 AM on 11/01/2013 to spud conductor hole on 11/02/2013.
Report Start Date 11/5/2013	Report End Date 11/6/2013	24hr Activity Summary MIRU Pro Petro Rig #10. Start picking up BHA. Trip in hole to 60' GL. Spud 17 1/2" hole. Drill from 60' GL to 140' GL.
Start Time 00:00	End Time 21:30	Comment MIRU Pro Petro Rig #10.
Start Time 21:30	End Time 22:30	Comment Start picking up BHA. Trip in hole to 60' GL.
Start Time 22:30	End Time 00:00	Comment Spud 17 1/2" hole @ 22:30 PM on 11/05/2013. Drill from 60' GL to 140' GL.
Report Start Date 11/6/2013	Report End Date 11/7/2013	24hr Activity Summary Drill from 140' GL to 670' GL. Fix leak in hammer union connecting kelly hose to top drive. Drill from 670' GL to 690' GL. Change swab in mud pump. Drill from 690' GL to 750' GL. Taking Single Shot surveys while drilling.
Start Time 00:00	End Time 05:00	Comment Drill from 140' GL to 360' GL.
Start Time 05:00	End Time 05:30	Comment Circulate for survey. Take Single Shot survey @ 300' GL = 1.50 Degrees.
Start Time 05:30	End Time 13:00	Comment Drill from 360' GL to 630' GL.
Start Time 13:00	End Time 14:00	Comment Circulate for survey. Take Single Shot survey @ 570' GL = 3.00 Degrees.
Start Time 14:00	End Time 15:30	Comment Drill from 630' GL to 670' GL.
Start Time 15:30	End Time 19:30	Comment Fix leak in hammer union connecting kelly hose to top drive.
Start Time 19:30	End Time 21:00	Comment Drill from 670' GL to 690' GL.
Start Time 21:00	End Time 21:30	Comment Change swab in mud pump.
Start Time 21:30	End Time 00:00	Comment Drill from 690' GL to 750' GL.
Report Start Date 11/7/2013	Report End Date 11/8/2013	24hr Activity Summary Drill from 750' GL to 1455' GL while taking single shot surveys.
Start Time 00:00	End Time 00:30	Comment Circulate for survey. Take Single Shot survey @ 690' GL = 2.75 Degrees.
Start Time 00:30	End Time 04:00	Comment Drill from 750' GL to 840' GL.
Start Time 04:00	End Time 04:30	Comment Circulate for survey. Take Single Shot survey @ 780' GL = 2.50 Degrees.

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

--	--	--

Start Time	04:30	End Time	08:30	Comment
				Drill from 840' GL to 960' GL.
Start Time	08:30	End Time	09:00	Comment
				Circulate for survey. Take Single Shot survey @ 900' GL = 1.50 Degrees.
Start Time	09:00	End Time	13:30	Comment
				Drill from 960' GL to 1110' GL.
Start Time	13:30	End Time	14:00	Comment
				Circulate for survey. Take Single Shot survey @ 1050' GL = 1.00 Degree.
Start Time	14:00	End Time	18:00	Comment
				Drill from 1110' GL to 1260' GL.
Start Time	18:00	End Time	18:30	Comment
				Circulate for survey. Take Single Shot survey @ 1200' GL = 1.00 Degree.
Start Time	18:30	End Time	23:00	Comment
				Drill from 1260' GL to 1440' GL.
Start Time	23:00	End Time	23:30	Comment
				Circulate for survey. Take Single Shot survey @ 1380' GL = 0.75 Degrees.
Start Time	23:30	End Time	00:00	Comment
				Drill from 1440' GL to 1455' GL.
Report Start Date	Report End Date	24hr Activity Summary		
11/8/2013	11/9/2013	Drill from 1455' GL to TD @ 1625' GL. Circulate. Make wiper trip. Circulate. Trip out of hole to run surface casing. Run surface casing. Weld top cap. Rig up Pro Petro Cementers.		
Start Time	00:00	End Time	04:30	Comment
				Drill from 1455' GL to TD @ 1625' GL. TD 17 1/2" hole @ 04:30 AM on 11/08/2013.
Start Time	04:30	End Time	05:00	Comment
				Circulate for survey. Take Single Shot survey @ 1560' GL = 2.00 Degrees.
Start Time	05:00	End Time	06:00	Comment
				Circulate for wiper trip.
Start Time	06:00	End Time	08:00	Comment
				Trip out to drill collars. No tight hole.
Start Time	08:00	End Time	09:30	Comment
				Trip back to bottom. No tight hole.
Start Time	09:30	End Time	10:30	Comment
				Circulate to trip out of hole and run surface casing.
Start Time	10:30	End Time	14:00	Comment
				Trip out of hole to run surface casing.
Start Time	14:00	End Time	14:30	Comment
				Rig up to run surface casing. No water flow.
Start Time	14:30	End Time	20:00	Comment
				Run 37 joints (1606.17') of 13 3/8", 54.5#, J-55, BT&C casing with Top-Co guide shoe and float collar. 14 centralizers spaced 10' from the shoe, on top of joints #2 & #3 then every 3rd collar to surface. Landed @ 1606.17' GL, Float Collar @ 1559.61' GL. Had to wash last 5 joints of casing down.
Start Time	20:00	End Time	21:00	Comment
				Circulate with casing on bottom.

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Start Time			End Time			Comment		
21:00			23:00			Weld top cap from casing to conductor pipe.		
Start Time			End Time			Comment		
23:00			00:00			Circulate casing with rig pump. Rig up Pro Petro Cementers.		
Report Start Date	Report End Date	24hr Activity Summary						
11/9/2013	11/10/2013	Cement surface casing. 80 bbls good cement to surface. Wait on cement, clean pits, and rig down. Release rig @ 10:00 AM on 11/09/2013.						
Start Time			End Time			Comment		
00:00			02:00			Cement Job: Pumped 10 bbls fresh water & 40 bbls gelled water flush ahead of cement.  Lead: Mixed and pumped 550 sacks (280 bbls) of Type V Cement with 16% Gel, 10 #/sk Gilsonite, 2#/sk Gr3, 3% Salt, and 1/4 #/sk Flocele. Mixed cement @ 12.0 ppg with yield of 2.86 cf/sk.  Tail: Mixed and pumped 675 sacks (138 bbls) of Premium Class G Cement with 2% CaCl <sub>2</sub> , and 1/4 #/sk Flocele. Mixed cement @ 15.8 ppg with yield of 1.15 cf/sk.  Displaced cement with 242 bbls fresh water. Bumped plug with 1100# @ 02:03 AM on 11/09/2013. Floats held. 80 bbls cement to surface. Shut in well after pumping stopped.  Kylan Cook notified UDOGM and BLM of the surface casing & cement job via e-mail on 11/07/2013 @ 22:50 PM.		
Start Time			End Time			Comment		
02:00			10:00			Wait on cement, clean pits, and rig down. Release rig @ 10:00 AM on 11/09/2013.		
Report Start Date	Report End Date	24hr Activity Summary						
12/19/2013	12/20/2013	Finish preparation of location for drilling rig.						
Start Time			End Time			Comment		
00:00			00:00			11/20/2013 - Run Gyro. 11/27/2013 - Drill Mouse Hole. 12/13/2013 - Final blade location. 12/17/2013 - Weld on Wellhead. 12/19/2013 - Cement cellar floor up to the top of base plate on wellhead.  GYRO SURVEY DEPTHS ARE GROUND LEVEL.  Location is ready for drilling rig.		
Report Start Date	Report End Date	24hr Activity Summary						
12/26/2013	12/27/2013	Wait Till Daylight, Move Rig						
Start Time			End Time			Comment		
00:00			06:00			Work on #1 mud pump changing out pump end with mechanic and welder, Wait on day lights		
Start Time			End Time			Comment		
06:00			18:00			break apart compound and chains, lay a legs over, pull bridal out of Becket, pull blocks off stand, pull stand out from under derrick, and lower stand, disconnect st 80 lines from HPU and roll up in sub , disconnect air and water from driller console, pull bolts and tie downs off draw works, fly derrick off floor with cranes @ 1230, pull board off derrick set derrick on pipe rack and prep derrick to be broke down, set up back yard on new location, work on #1 mud pump pull wind walls, doghouse and stairs, 14- haul trucks, 2- bed trucks, 2- pole trucks, 2- cranes, 1- forklift, 4- swampers, 4- riggers, 2- truck pushers		
Start Time			End Time			Comment		
18:00			00:00			Wait on day lights		
Report Start Date	Report End Date	24hr Activity Summary						
12/27/2013	12/28/2013	Rig down and move out						
Start Time			End Time			Comment		
00:00			06:00			Wait on daylights		

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Start Time		End Time		Comment
06:00		18:00		Held PJSM , move camps to new location, pull all spreaders between subs,pull all ladders and walkways from sub , unstack and load out sub bases, unstack bops and set FMC and cameron well head, test to 10,000 psi for 10 mins, Clean on old location,lay down a-legs and pin, roll up service loops on derrick, on new location welders worked on #1 mud pump, and #3, rig up fuel lines,install suction manifold and line on #1 mud pump, weatherford recharged pulsation dampners, set peak equipment. ( EST Spud 12/31/2013)
Start Time		End Time		Comment
18:00		00:00		Wait on daylights
Report Start Date	Report End Date	24hr Activity Summary		
12/28/2013	12/29/2013	Rig Move and Rig Up ( EST Spud 12/31/2013)		
Start Time		End Time		Comment
00:00		06:00		Wait on daylights
Start Time		End Time		Comment
06:00		18:00		Held PJSM, Set Bottom, Middle Subs & Top Off Drillers Side sub, Stack Bops on Well Head & Set top sub on drillers side, set rotary table and racking board, Rig up back yard , Set generator and rig up peak equipment, stage out derrick on location and prepare to pin together. ( EST Spud 12/31/2013)
Start Time		End Time		Comment
18:00		00:00		Wait on daylights
Report Start Date	Report End Date	24hr Activity Summary		
12/29/2013	12/30/2013	Rig Move and Rig Up ( EST Spud 12/31/2013)		
Start Time		End Time		Comment
00:00		06:00		Wait on daylights
Start Time		End Time		Comment
06:00		18:00		Set rotary table, floor motors, draw works, Compound, pin derrick to rig floor, work on crown,change out bridle lines, start setting wind walls, floor plates, rig up misc. pin on derrick board, put derrick on headache rack, put blocks and block stand under derrick, string up blocks,
Start Time		End Time		Comment
18:00		00:00		Wait on daylights
Report Start Date	Report End Date	24hr Activity Summary		
12/30/2013	12/31/2013	Rig Move and Rig Up ( EST Spud 12/31/2013)		
Start Time		End Time		Comment
00:00		06:00		Wait on daylights
Start Time		End Time		Comment
06:00		18:00		PJSM with Pioneer rig crews, JD oilfield services, Engage managment, and Newfield Reps, Change Out Drilling Line Spool & Cont to string up, Install Wind walls around compound & Rig Floor, Set stairs, Set Bulk Barite Bar tanks. Set peaks Fly ash bulk hopper and 3 sided tank, Install flow line, set 400 bbl uprights, Rasie & Pin A Legs, Spool Drilling line onto draw works. Conduct Drops Inspection and prepare to raise the derrick. Raise Derrick @ 15:30 hrs. Unbridle Derrick, rig up floor, install vdoor, set catwalk, Install St-80 on rig floor. (Trucks Released @ 17:30 on 12-30-2013)
Start Time		End Time		Comment
18:00		00:00		Install top drive track in the derrick, & R/U Misc Rig Equipment
Report Start Date	Report End Date	24hr Activity Summary		
12/31/2013	1/1/2014	(FRR 2-5-14) Continue rigging up with crane set top drive on floor , wind walls, set gas buster and rig up flare and panic lines, Nipple up bop hook up hydraulic lines and fuction test , test BOP'S		
Start Time		End Time		Comment
00:00		15:30		Pick up & Install top drive w/ Crane ,Install top drive service loop, Install Wind Walls, Move choke house, Rig Up flare lines & Gas Buster Lines,

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Start Time			End Time			Comment		
15:30			22:00			HPJSM w/ Eager Beaver and Nipple Up flanges on bops & Kill line valve, HCR valve, Choke lines, Hook up Accumulator lines, & Function test the BOPs And Torque W/ Eager Beaver. Accepted Rig On Day Work @ 15:30 on 12/31/2013., Pre spud inspection.		
Start Time			End Time			Comment		
22:00			00:00			HPJSM w/ Eager Beaver testers and rig up testers. Install Mouse Hole & P/U 1 jt of DP M/U test plug and install in the well head and start to test Bops As Follows, , Test chaoke manifold , super choke, 4" manual HCR, HCR , kill line, TIW, dart valve, Lower kelly cock valve, and IBOP to 250 psi low 5000 psi high, Test mud lines and pump valves to 250 psi low 5000 psi high, perform casing test to 1500 psi for 30 mins, Testing all waiting on Annular element to change out bad one		
Report Start Date	Report End Date	24hr Activity Summary						
1/1/2014	1/2/2014	(FRR 2-5-14) Cont testing bops, Blow down top drive pumps, Nipple down rotating head remove nuts from annular, Change out kelly hose, Prepare to P/U DP while waiting on annular element, Change out annular element.						
Start Time			End Time			Comment		
00:00			06:00			Cont to test w/ Eager Beaver testers and rig up testers. Install Mouse Hole & P/U 1 jt of DP M/U test plug and Attemptd to install test plug in the well head ( could Not get test plug down through annular due to element to damaged) Start to test Bops As Follows, , Test chaoke manifold , super choke, 4" manual HCR, HCR , kill line, TIW, dart valve, Lower kelly cock valve, and IBOP to 250 psi low 5000 psi high, Attempted to Test mud lines back to pumps Kelly hose failed. while waiting on Annular element to change out bad one		
Start Time			End Time			Comment		
06:00			17:30			HPJSM Blow Down Top Drive, Stand Pipe & Pumps, Nipple Down Rotating Head, Remove Nuts off from Annular Cap. Change Out Kelly Hose & Prepare to P/U Drill Pipe While Waiting for new Annular Element To Arrive.		
Start Time			End Time			Comment		
17:30			00:00			Change Out Annular Element, Remove old element clean mud & oil out of bowl, Prep new element install in bowl, Set cap back down, L/D tools for cap & Install rotating head and flow line.		
Report Start Date	Report End Date	24hr Activity Summary						
1/2/2014	1/3/2014	(FRR 2-5-14) Eager Beaver torque up bolts on annular, Test Bops, Winterize choke, Install wear bushing, Ajust hyd catwalk do to trough catching under beaver slide, P/U Dirc tools, Rig serv, Trouble shoot mud pump and fix air line on between # 1 & # 2 pump shed, Test MWD & Cont P/U HWDP & 5" DP Tag cmt @ 1555', Drill cmt F/ 1555' to 1565', Work on mud pumps, Drill cmt F/ 1565' to 1585'.						
Start Time			End Time			Comment		
00:00			01:00			HPJSM w/ Eager Beaver. Torque up bolts on annular cap.		
Start Time			End Time			Comment		
01:00			09:30			HPJSM w/ Eager Beaver testers and rig up testers. P/U 1 jt of DP M/U test plug and install in the well head and start to test Bops As Follows, Test Upper & Lower Pipe Rams, Annular, Blind Rams, 250 psi low 5000 psi High. Test mud lines and valves to 250 psi low 4000 psi high, perform casing test to 1500 psi for 30 mins,		
Start Time			End Time			Comment		
09:30			10:30			HPJSM w/ Eager Beaver testers and winterize choke and rig down		
Start Time			End Time			Comment		
10:30			11:30			Install Wear bushing and Tighten Lock downs. Adjust turnbuckles to center up bop stack.		
Start Time			End Time			Comment		
11:30			12:30			Rearrange HWDP & Reajust hyd catwalk do to trough catching under beaver slide.		
Start Time			End Time			Comment		
12:30			16:00			P/U and M/U directional BHA, As follows, mud motor, float sub, muleshoe sub, NMDC's, XO, MWD and bit. scribe dir. tools.		
Start Time			End Time			Comment		
16:00			16:30			Rig Service		
Start Time			End Time			Comment		
16:30			17:30			Troble Shoot Mud Pumps And Fix air lines between # 1 & # 2 pump shed.		

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Start Time	17:30	End Time	22:00	Comment	Test MWD ( Test Good) Cont To P/U HWDP & 5" DP from pipe rack and Hyd Cat Walk, Tag cmt @ 1555'
Start Time	22:00	End Time	22:30	Comment	[HPJSM - JSA] Drill Cement F/ 1555' to 1565'
Start Time	22:30	End Time	23:30	Comment	Work on # 1 pump suction box gasket & # 3 belts.
Start Time	23:30	End Time	00:00	Comment	[HPJSM - JSA] Drill Cement F/ 1565' to 1585'
Report Start Date	1/3/2014	Report End Date	1/4/2014	24hr Activity Summary (FRR 2-5-14) Tagged cmt @ 1555' Drill cmt Shoe track 10' of new formation, Fit test, Drill F/ 1666' to 1735', MWD would not sync, Drill F/ 1735' to 1848', Work on mud pumps, Drill F/ 1848' to 2301', Rig serv, Drill F/ 2301' to 2540'	
Start Time	00:00	End Time	00:30	Comment	Tagged Cement @ 1555', Drill Out Cement & Float Equipment, FC 1585' & FS @ 1632', Drill Cement f/ 1632' to 1656'
Start Time	00:30	End Time	01:30	Comment	Drill f/ 1656' to 1,666' = 10' of new formation, Circ B/U & Spot Hi Vis Pill for FIT Test ( Spud Well @ 01:00 on 1/3/14)
Start Time	01:30	End Time	02:30	Comment	HPJSM w/ Eager Beaver Testers & Preform FIT Test @ 1,666', 400 psi Held For 4 Min. = EMW Of 13.2 PPG ( Pump Up to 250 psi with rig pumps = 9 gals & Pumped up with tester to 400 psi = 10 gals)
Start Time	02:30	End Time	03:30	Comment	Drill 12.25" Hole Section F/ 1666' To 1735' ( 2 Pumps on the hole @ 120 Strokes a piece= 551 GPM) Present Mwt 8.3 ppg
Start Time	03:30	End Time	04:00	Comment	Un able to get the proper GPM with 2 mud pumps causing MWD to not be able to sync properly. Minimum GPM Required to sync MWD tools, Mwd tool need 600 GPM to be able to Sync Properly
Start Time	04:00	End Time	07:00	Comment	Drill 12.25" Hole Section F/ 1735' To 1848' ( 2 Pumps on the hole @ 120 Strokes a piece= 551 GPM) Present Mwt 8.3 ppg
Start Time	07:00	End Time	09:00	Comment	Trouble Shoot # 1 Mud Pump Engine, Motor will not stay running Changed out Fuel Filters & Bleed Injectors To get motor Running, & Fix Liner Washer Lines On the # 3 Mud Pump. Un able to Drill Because we can not get the proper GPM with 2 mud pumps causing MWD to not be able to sync properly. & Mud Motor to work Properly, Minimum GPM Required to sync MWD tools & To Get Mud Motor to work with in the parameters required. Need 600 GPM to be able to be with in the working parameters of the dir tools.
Start Time	09:00	End Time	17:30	Comment	Drill 12.25" Hole Section F/ 1848' To 2301' ( 3 Pumps on the hole @ 300 Strokes a piece= 682 GPM) Present Mwt 8.3 ppg
Start Time	17:30	End Time	18:00	Comment	Rig service
Start Time	18:00	End Time	00:00	Comment	Drill 12.25" Hole Section F/ 2301' To 2540' ( 3 Pumps on the hole @ 300 Strokes a piece= 682 GPM) Present Mwt 8.3 ppg
Report Start Date	1/4/2014	Report End Date	1/5/2014	24hr Activity Summary (FRR 2-5-14) Drill F/ 2540' to 2885', Rig serv, Drill F/ 2585' to 3354', Trouble shoot MWD no success, Rig serv, POOH for MWD F/ 3354' to Surface pieces of thred protector in and around mule shoe, Change out bit Scribe mtr & TIH F/ Surface to 1735' Install rotating head & Testing MWD tool.	
Start Time	00:00	End Time	00:30	Comment	Drill 12.25" Hole Section F/ 2540' To 2585' ( 3 Pumps on the hole @ 300 Strokes a piece= 682 GPM) Present Mwt 8.3 ppg

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Start Time	00:30	End Time	01:00	Comment	Rig Service
Start Time	01:00	End Time	13:30	Comment	Drill 12.25" Hole Section F/ 2,585' To 3,354' ( 3 Pumps on the hole @ 300 Strokes a piece= 682 GPM) Present Mwt 8.3 ppg
Start Time	13:30	End Time	15:00	Comment	Trouble shoot MWD Lost Sync With tool and attempt to pump sweep and soap sticks to try and re gain sync with MWD probe. No Success.
Start Time	15:00	End Time	15:30	Comment	Rig Service
Start Time	15:30	End Time	22:30	Comment	POOH f/ 3354' to Surface, To change out MWD probe. Due to MWD Failure, Check Bit chipped cutters and cracked blade, P/U Bit # 2. There were 3 pieces of thread protector in and around mule shoe.
Start Time	22:30	End Time	23:30	Comment	Scribe mud mtr & TIH F/ surface to 1735', filling pipe every 1500'
Start Time	23:30	End Time	00:00	Comment	Install rotating head & Test MWD tool.
Report Start Date	1/5/2014	Report End Date	1/6/2014	24hr Activity Summary (FRR 2-5-14) W/R F/ 1735'-2970', Work tight hole @ 2970', Rig serv, Roll hole over F/ 3% KCL wtr To 9# mud, W/R F/ 2970'-3354', Drill F/ 3354'-3623', Rig serv, Change swab in # 3 pump, Drill F/ 3623'-3907'	
Start Time	00:00	End Time	03:00	Comment	Wash & Ream f/ 1735' to 2970' ' ( 3 Pumps on the hole @ 300 Strokes a piece= 682 GPM) Present Mwt 8.3 ppg
Start Time	03:00	End Time	03:30	Comment	Work Tight Hole @ 2970' while pumping on the drill string and pumping Hi Vis Sweeps
Start Time	03:30	End Time	04:00	Comment	Routine Rig Service & inspect Top Drive and Draw Works
Start Time	04:00	End Time	06:30	Comment	Transfer 3% Kcl water out of the active pits & Change Hole & Active pits to 9.0 PPG Mud in the active system and Down Hole
Start Time	06:30	End Time	10:30	Comment	Wash & Ream f/ 2,970' to 3,354' ( 3 Pumps on the hole @ 300 Strokes a piece= 682 GPM) Present Mwt 9.5 ppg
Start Time	10:30	End Time	16:30	Comment	Drill 12.25" Hole Section F/ 3,354' To 3,623' ( 3 Pumps on the hole @ 300 Strokes a piece= 682 GPM) Present Mwt 9.3 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	16:30	End Time	17:00	Comment	Routine Rig Service
Start Time	17:00	End Time	17:30	Comment	Chang swab in # 3 pump.
Start Time	17:30	End Time	00:00	Comment	Drill 12.25" Hole Section F/ 3,623' To 3,907' ( 3 Pumps on the hole @ 300 Strokes a piece= 682 GPM) Present Mwt 9.3 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Report Start Date	1/6/2014	Report End Date	1/7/2014	24hr Activity Summary (FRR 2-5-14) Drill F/ 3907'-4232', Clean out suction on # 2 pump, Drill F/ 4232'-4852', Rig serv, Install slider, Drill F/ 4852'-5052'	
Start Time	00:00	End Time	00:30	Comment	Routine Rig Service
Start Time	00:30	End Time	05:30	Comment	Drill 12.25" Hole Section F/ 3,907' To 4,232' ( 3 Pumps on the hole @ 300 Strokes a piece= 682 GPM) Present Mwt 9.3 ppg. ( Pump 30 bbl LCM & Hi Vis Sweep Every 200') The Hole Is Seeping 3 bbl's Per Hr
Start Time	05:30	End Time	06:00	Comment	Clean Out Suction Screen on the #2 Mud Pump

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Start Time	06:00	End Time	17:00	Comment
				Drill 12.25" Hole Section F/ 4,232' To 4,852' ( 3 Pumps on the hole @ 300 Strokes a piece= 682 GPM) Present Mwt 9.3 ppg. ( Pump 30 bbl LCM & Hi Vis Sweep Every 200') The Hole Is Seeping 3 bbl's Per Hr
Start Time	17:00	End Time	17:30	Comment
				Routine Rig Service
Start Time	17:30	End Time	19:00	Comment
				Install slider
Start Time	19:00	End Time	00:00	Comment
				Drill 12.25" Hole Section F/ 4,852' To 5052' ( 3 Pumps on the hole @ 300 Strokes a piece= 682 GPM) Present Mwt 9.3 ppg. ( Pump 30 bbl LCM & Hi Vis Sweep Every 200') The Hole Is Seeping 3 bbl's Per Hr
Report Start Date	Report End Date	24hr Activity Summary		
1/7/2014	1/8/2014	(FRR 2-5-14) Drill F/ 5052'-5288', Rig serv, Drill F/ 5288'-5700', Rig serv, Drill F/ 5700'-5830'		
Start Time	00:00	End Time	05:00	Comment
				Drill 12.25" Hole Section F/ 5052' To 5288' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.3 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	05:00	End Time	05:30	Comment
				Routine Rig Service
Start Time	05:30	End Time	14:00	Comment
				Drill 12.25" Hole Section F/ 5288' To 5,600' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.3 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	14:00	End Time	17:00	Comment
				Drill 12.25" Hole Section F/ 5,600' To 5,700' Work Tight Spot @ 5666', Slow Down bit Rpms While drilling through ratty formations ( 3 Pumps on the hole @ 285 Strokes = 650 GPM Adjust Rpm to 40) Present Mwt 9.3 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	17:00	End Time	17:30	Comment
				Routine Rig Service
Start Time	17:30	End Time	00:00	Comment
				Drill 12.25" Hole Section F/ 5,700' To 5,830' Slow Down bit Rpms While drilling through ratty formations ( 3 Pumps on the hole @ 285 Strokes = 650 GPM Adjust Rpm to 40) Present Mwt 9.3 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Report Start Date	Report End Date	24hr Activity Summary		
1/8/2014	1/9/2014	( FRR 2-5-14) Drill f/ 5830' t/ 6065' , MWD failure, circulate hole clean build and pump slug POOH f/ 6065' t/ surface, Thread protector pieces on MWD causing it not to work, drain mud motor and break bit, Downtime to change out hose on top drive		
Start Time	00:00	End Time	10:00	Comment
				Drill 12.25" Hole Section F/ 5,830' To 6065' Slow Down bit Rpms While drilling through ratty formations ( 3 Pumps on the hole @ 285 Strokes = 650 GPM Adjust Rpm to 40) Present Mwt 9.3 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	10:00	End Time	11:30	Comment
				Trouble Shoot MWD Tools
Start Time	11:30	End Time	12:30	Comment
				Circulate btms up and build trip slug and Fill trip tank
Start Time	12:30	End Time	19:00	Comment
				Check For Flow ( Well Is Static) Pump Trip Slug & TOOH f/ 6065 to Surface For MWD Failure. Work Through Tight spots @ 5730', 5450', pulling 60-85k over string wt.
Start Time	19:00	End Time	19:30	Comment
				Pull MWD found that there was 4 pieces of thread protector on top of MWD witch caused it to quit working, drain motor , break bit
Start Time	19:30	End Time	20:00	Comment
				Routine rig service

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Start Time	20:00	End Time	00:00	Comment
Rig on downtime to change out hydraulic hoses on top drive Top drive track retaining pin was 2" to long and worked its way out to the front and snagged the top drive steel hydraulic line and broke it and in the process flatten 4 other steel lines				
Report Start Date	Report End Date	24hr Activity Summary		
1/9/2014	1/10/2014	( FRR 2-5-14) Rig on down time replacing hyd lines on top drive, Rig service, make up BHA, TIH f/ surface t/ 4125' , rig service, work on crown o matic, TIH f/ 4125' t/		
Start Time	00:00	End Time	10:30	Comment
Rig on downtime to change out hydraulic hoses on top drive Top drive track retaining pin was 2" to long and worked its way out to the front and snagged the top drive steel hydraulic line and broke it and in the process flatten 4 other steel lines				
Start Time	10:30	End Time	11:00	Comment
Rig service.				
Start Time	11:00	End Time	12:00	Comment
Lay down BHA tools.				
Start Time	12:00	End Time	18:00	Comment
MU/ bit mud mtr scribe mtr, TIH to 1650' & test MWD tool. TIH f/ 1650' t/ 4125 filling pipe every 2000'				
Start Time	18:00	End Time	18:30	Comment
Routine rig service				
Start Time	18:30	End Time	19:30	Comment
Crown o matic was not working change out toggle valve, set and fuction test				
Start Time	19:30	End Time	20:30	Comment
Continue to trip in the holef/ 4125' t/ 5415'				
Start Time	20:30	End Time	22:00	Comment
Wash and ream 5415' t/ 6065' with no problems,				
Start Time	22:00	End Time	00:00	Comment
Drill 12.25" Hole Section F/ 6,065' To 6141' Present Mwt 9.4 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')				
Report Start Date	Report End Date	24hr Activity Summary		
1/10/2014	1/11/2014	( FRR 2-5-14) Work on # 1 pump, Drill F/ 6141' to 6551', rig service		
Start Time	00:00	End Time	04:30	Comment
Circ W/ # 2 & 3 pump, While trouble shooting # 1 pump pull chain guard inspect drive chain tighten same & Replace missing keepers.				
Start Time	04:30	End Time	16:30	Comment
Drill 12.25" Hole Section F/ 6,141' To 6372' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.4 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')				
Start Time	16:30	End Time	17:00	Comment
Rig service				
Start Time	17:00	End Time	00:00	Comment
Drill 12.25" Hole Section F/ 6,372' To 6,551' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')				
Report Start Date	Report End Date	24hr Activity Summary		
1/11/2014	1/12/2014	( FRR 2-5-14) Drill vertical section f/ 6551' t/ 7042', work on mud pump , rig service		
Start Time	00:00	End Time	03:30	Comment
Drill 12.25" Hole Section F/ 6,551' To 6,642' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')				
Start Time	03:30	End Time	04:00	Comment
Routine rig service lubricate rig				
Start Time	04:00	End Time	12:30	Comment
Drill 12.25" Hole Section F/ 6,642' To 6,841' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')				

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Start Time	12:30	End Time	13:30	Comment	# 1 Pump kept dieing change out Fuel filters, Air filters, Blow out all air lines going to air throttle.
Start Time	13:30	End Time	14:00	Comment	Routine rig service
Start Time	14:00	End Time	00:00	Comment	Drill 12.25" Hole Section F/ 6,841' To 7,042' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Report Start Date	1/12/2014	Report End Date	1/13/2014	24hr Activity Summary ( FRR 2-5-14) Drill vertical section f/ 7042' t/ 7438' , change out alternator on #1 mud pump , Rig service, change out shaker screens	
Start Time	00:00	End Time	03:00	Comment	Drill 12.25" Hole Section F/ 7042' To 7,083' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	03:00	End Time	03:30	Comment	Routine rig service
Start Time	03:30	End Time	09:30	Comment	Drill 12.25" Hole Section F/ 7083' To 7,229' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	09:30	End Time	10:00	Comment	Change out alternator on # 1 pump mtr.
Start Time	10:00	End Time	17:00	Comment	Drill 12.25" Hole Section F/ 7,229' To 7,340' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	17:00	End Time	17:30	Comment	Circulate at slow pump rate and change shaker screens out
Start Time	17:30	End Time	18:00	Comment	Routine rig service
Start Time	18:00	End Time	00:00	Comment	Drill 12.25" Hole Section F/ 7,340' To 7,438' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Report Start Date	1/13/2014	Report End Date	1/14/2014	24hr Activity Summary ( FRR 2-2-14) Drill vertical section f/ 7,438' t/ 8,020' , Change swab in #3 mud pump, rig service	
Start Time	00:00	End Time	04:30	Comment	Drill 12.25" Hole Section F/ 7,438' To 7,681' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	04:30	End Time	05:00	Comment	Rig service.
Start Time	05:00	End Time	10:30	Comment	Drill 12.25" Hole Section F/ 7,681' To 7,775' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	10:30	End Time	11:00	Comment	Rig service.
Start Time	11:00	End Time	22:30	Comment	Drill 12.25" Hole Section F/ 7,775' To 7,996' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	22:30	End Time	23:30	Comment	Circulate and change swab in #3 mud pump
Start Time	23:30	End Time	00:00	Comment	Drill 12.25" Hole Section F/ 7,996' To 8,020' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Report Start Date	1/14/2014	Report End Date	1/15/2014	24hr Activity Summary (FRR 2-2-14) Drill f/ 8020' t/ 8429', change swab in #1 mud pump, rig service, circulate bottoms up and raise mud weight f/ 10.5 t/ 10.9 ppg	

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Start Time	00:00	End Time	03:00	Comment
				Drill 12.25" Hole Section F/ 8,020' To 8,121' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	03:00	End Time	03:30	Comment
				Rig service.
Start Time	03:30	End Time	05:30	Comment
				Drill 12.25" Hole Section F/ 8,121' To 8,159' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	05:30	End Time	06:00	Comment
				Change swab in # 1 pump.
Start Time	06:00	End Time	11:00	Comment
				Drill 12.25" Hole Section F/ 8,159' To 8,249' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 9.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200')
Start Time	11:00	End Time	11:30	Comment
				Rig service.
Start Time	11:30	End Time	19:00	Comment
				Drill 12.25" Hole Section F/ 8,249' To 8,429' ( 3 Pumps on the hole @ 300 Strokes = 682 GPM) Present Mwt 10.5 ppg. ( Pump 30 bbl Hi Vis Sweep Every 200') TD @ 8429'
Start Time	19:00	End Time	00:00	Comment
				Circulate hi vis sweep , raise mud weight f/ 10.5 ppg t/ 10.9 ppg, Drop back ground gas f/ 810 units t/ 460 units
Report Start Date	Report End Date	24hr Activity Summary		
1/15/2014	1/16/2014	(FRR 2-2-14) Circulate and raise mud weight, Short trip to 5600' , Circulate bottoms up and raise mud weight to 11.2 ppg, TOH f/ 8429' t/ surface, cut and slip drill line, lay down BHA, remove wear bushing, rig up haliburton wireline		
Start Time	00:00	End Time	03:00	Comment
				Continue raising mud wt to 10.9#, Fill trip tank, Mix trip slug & Pump.
Start Time	03:00	End Time	04:30	Comment
				Short trip out 30 stds to 5600', First 5 stds was pulling 40 to 50K over.
Start Time	04:30	End Time	05:00	Comment
				Rig service.
Start Time	05:00	End Time	06:00	Comment
				TIH
Start Time	06:00	End Time	06:30	Comment
				M/U last stand wash & ream 90' to bottom @ 8429'.
Start Time	06:30	End Time	10:30	Comment
				Circ & Bring mud wt up from 10.9# to 11.1# to help keep shale from sluffing.
Start Time	10:30	End Time	17:00	Comment
				Check flow, Pump slug, POOH F/ 8429' to 3000' logs. SLM. Hit tight spot @ 3963 W/R through tight spot. Work through tight spot @ 2658' continue to POOH t/ 1600'
Start Time	17:00	End Time	20:00	Comment
				Cut and slip drill line cut 140' set COM and check
Start Time	20:00	End Time	21:00	Comment
				Continue to POOH f/ 1600' t/ surface,
Start Time	21:00	End Time	23:00	Comment
				Break bit and lay down directional tools, and load out on truck
Start Time	23:00	End Time	23:30	Comment
				Pull wear bushing
Start Time	23:30	End Time	00:00	Comment
				Hold PJSM with rig crew, haliburton loggers, NFX rep, rig up wireline and logging tools
Report Start Date	Report End Date	24hr Activity Summary		
1/16/2014	1/17/2014	(FRR 2-2-14) Rig up loggers and log well rig down the same, Unspool and respool drill line on drum, rig service, rig up casing crew and run 8421' of 9 5/8" intermediate casing		

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Start Time			End Time			Comment		
00:00			10:00			R/U Halliburton loggers and log W/ Gamma, Neutron, Monopole sonic, Resistivity, Tight spots W/ logging tools @ 8348' to 8331', 8187' to 8125', 7830' to 7794', & 8266', 8213', 8084', 7388'. Loggers TD 8425'. & Rig down.		
Start Time			End Time			Comment		
10:00			10:30			Un spool drlg line re spool drlg line because it had a lot of slack in it.		
Start Time			End Time			Comment		
10:30			11:00			Rig service.		
Start Time			End Time			Comment		
11:00			00:00			R/U Franks casing crew & Make up shoe track, Float shoe, 2 jts 9 5/8" 40# Buttress connection, Float collar, sting in with tawg tool and circulate through float equipment, Run csg and land at 8421'. Wash down last 4' with 100 SPM, 218 PSI		
Report Start Date	Report End Date	24hr Activity Summary						
1/17/2014	1/18/2014	(FRR 2-2-14) wash casing to bottom, circulate casing and wait on haliburton, rig down casing crew, rig up cementers, rig service, pump cement, remove landing joint and install pack and test, clean mud tanks, rig up katch kan equipment, screen shakers, transfer OBM to mud tanks,						
Start Time			End Time			Comment		
00:00			00:30			Wash the last 4' of 9 5/8" casing to bottom with 100 SPM, 218 PSI, land casing with 180K string weight		
Start Time			End Time			Comment		
00:30			02:30			Circulate bottoms up while rigging down franks casing crew, max units of gas 3465		
Start Time			End Time			Comment		
02:30			03:00			Rig down casing runnign tool ( tawg) and rig up cement head		
Start Time			End Time			Comment		
03:00			03:30			Routine rig service		
Start Time			End Time			Comment		
03:30			09:00			Circulate and wait on haliburton cement trucks to arrive on location, Truck drivers out of DOT hours to drive		
Start Time			End Time			Comment		
09:00			14:30			HPJSM Test cement lines to 5000 psi. Pumped 40 bbls 11.8 ppg tuned spacer ,mix and pumped 1690 sks of 12.5 ppg Yield 1.96 10.56 gal per sk of Lead cement 590 bbls, Mixed and pumped 390 sks of 14 ppg 1.29 yield 5.7 gal per sk of tail cement 90 bbls. Dropped the plug and pumped 10bbls of fresh water 30 bbls of Diesel, 570 bbls of 15.6 ppg OBM, 21 bbl of fresh water, final pump rate 3.5 bpm, 210 psi, Bumped the plug with 1264 psi. 3.5 bbl flow back Floats held. 165 bbls cement back to surface. lost returns 550 bbls away of displacement total loss of 77 bbls		
Start Time			End Time			Comment		
14:30			15:00			Rig down cementers		
Start Time			End Time			Comment		
15:00			15:30			Rig service.		
Start Time			End Time			Comment		
15:30			18:30			Back out landing joint , pick up pack off tool set tool pump up seal to 3200 Psi & test Pack off to 2300 Psi for 10 min test okay.		
Start Time			End Time			Comment		
18:30			19:00			Install wear bushing.		
Start Time			End Time			Comment		
19:00			00:00			Install Katch Kan, Transfer OBM f/ tank farm to mud tanks, screen up shakers, hook up diesel transfer pump in tank farm		
Report Start Date	Report End Date	24hr Activity Summary						
1/18/2014	1/19/2014	(FRR 2-2-14) rig up katch kan and transfer OBM to mud tanks, rig service, TIH with HWDP , lay down HWDP, make up BHA curve asbmlly, TIH with curve assembly to 8234' , rig up testers and test casing, TIH tag cement, drill cement , float , shoe and 10' of formation, perform FIT, Drill curve section f/ 8447' t/8472'						
Start Time			End Time			Comment		
00:00			01:00			Continue rigging up katch kan, transfer OBM, and screen shakers		
Start Time			End Time			Comment		
01:00			01:30			Routine rig service		

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Start Time	01:30	End Time	02:00	Comment	TIH with HWDP from derrick
Start Time	02:00	End Time	03:00	Comment	Lay down HWDP from hole with hydraulic catwalk
Start Time	03:00	End Time	08:00	Comment	Make up directional BHA, pick up subs and bit to floor, Pick up motor , monels, MWD sub , float sub, scribe directional tools, install MWD, attempt to test MWD , pressure was spiking up , lay down MWD and retest motor pressure broke free and motor test was good , rescribe tools and reinstall MWD and test
Start Time	08:00	End Time	12:30	Comment	TIH W/ 8 3/4" Curve assembly To 7486' Filling pipe every 3000'.
Start Time	12:30	End Time	15:30	Comment	Strap pipe & P/U drill pipe with pipe wrangler F/ 7486' To 8234'.
Start Time	15:30	End Time	16:00	Comment	Rig service.
Start Time	16:00	End Time	17:30	Comment	Rig up Eager Beaver tester & Test casing to 1850 PSI for 30 min test okay.
Start Time	17:30	End Time	18:00	Comment	Continue TIH F/ 8234' to 8335' tag top of cement
Start Time	18:00	End Time	19:30	Comment	Tag cement @ 8335' , Drill plug and float drill cement and shoe , and 10' of formation, shoe depth 8421'
Start Time	19:30	End Time	20:00	Comment	Circulate and insure even mud weight for F.I.T.,
Start Time	20:00	End Time	21:00	Comment	Perform FIT with edgar beaver, with a present mud weight of 14.5 ppg test to eq mud weight of 16 ppg , 647 psi held for 10 mins
Start Time	21:00	End Time	00:00	Comment	Drill 8 3/4" curve Section F/ 8,447' To 8,472' ( 2 Pumps on the hole @ 92 Strokes a piece) Present Mwt 14.5 ppg.
Report Start Date	1/19/2014	Report End Date	1/20/2014	24hr Activity Summary (FRR 2-2-14) Drill curve section f/ 8472' t/ 8598' , Circulate hole clean, mix and pump slug, TOOH f/ 8598' t/ surface , change out BHA , clean rig floor, TIH f/ surface t/ 2950	
Start Time	00:00	End Time	13:30	Comment	Drill 8 3/4" curve Section F/ 8,472' To 8,598' ( 2 Pumps on the hole @ 92 Strokes a piece) Present Mwt 14.5 ppg.
Start Time	13:30	End Time	14:30	Comment	Circ btms up F/ bit trip, Due to low build rates.
Start Time	14:30	End Time	20:30	Comment	Pump pill POOH F/ 8598' to 7900', to change out bit. while monitoring well on trip tank with trip sheet
Start Time	20:30	End Time	22:30	Comment	Pull MWD drain mud motor, break bit, Change out mud motor, scribe tools adjust mule shoe for MWD, install MWD, make up bit and test the same
Start Time	22:30	End Time	23:00	Comment	Clean all tools and OBM from rig floor before tripping in the hole
Start Time	23:00	End Time	00:00	Comment	Trip in the hole f/ surface t/ filling pipe every 3000'
Report Start Date	1/20/2014	Report End Date	1/21/2014	24hr Activity Summary (FRR 2-2-14) Trip in the hole , wash to bottom, rig service , Drill curve f/ 8598' t/ 8,725	
Start Time	00:00	End Time	02:30	Comment	TIH filling pipe every 3000'.
Start Time	02:30	End Time	03:00	Comment	Wash to btm F/ 8523' to 8598'

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Report Start Date 1/21/2014			Report End Date 1/22/2014			24hr Activity Summary (FRR 2-2-14) Drill curve f/ 8725' t/8941', rig service		
Start Time	03:00	End Time	03:30	Comment Rig service.				
Start Time	03:30	End Time	17:30	Comment Drill 8 3/4" curve Section F/ 8,598' To 8,689' ( 2 Pumps on the hole @ 95 Strokes a piece) Present Mwt 14.6 ppg.				
Start Time	17:30	End Time	18:00	Comment Routine rig service, lubricate rig				
Start Time	18:00	End Time	00:00	Comment Drill 8 3/4" curve Section F/ 8,689' To 8,725' ( 2 Pumps on the hole @ 95 Strokes a piece) Present Mwt 14.6 ppg.				
Start Time	00:00	End Time	03:30	Comment Drill 8 3/4" curve Section F/ 8,725' To 8,746' ( 2 Pumps on the hole @ 95 Strokes a piece) Present Mwt 14.6 ppg.				
Start Time	03:30	End Time	04:00	Comment Rig service.				
Start Time	04:00	End Time	11:00	Comment Drill 8 3/4" curve Section F/ 8,746' To 8,806' ( 2 Pumps on the hole @ 95 Strokes a piece) Present Mwt 14.6 ppg.				
Start Time	11:00	End Time	11:30	Comment Rig service. Inspect drawworks, brake linkages, Blow out choke manifold with air to ensure it was able to be circulated through fill manifold with 10 gals of methanol				
Start Time	11:30	End Time	00:00	Comment Drill 8 3/4" curve Section F/ 8,806' To 8,941' ( 2 Pumps on the hole @ 95 Strokes a piece) Present Mwt 14.6 ppg.				
Report Start Date	1/22/2014	Report End Date	1/23/2014	24hr Activity Summary (FRR 2-2-14)Drill curve f/ 8941' t/ 9123' , rig service, circulate bottoms up build and pump slug, TOO H f/ 9123' t/ 5510'				
Start Time	00:00	End Time	05:30	Comment Drill 8 3/4" curve Section F/ 8,941' To 8,994' ( 2 Pumps on the hole @ 95 Strokes a piece) Present Mwt 14.7 ppg.				
Start Time	05:30	End Time	06:00	Comment Rig service.				
Start Time	06:00	End Time	13:30	Comment Drill 8 3/4" curve Section F/ 8,994' To 9,072' ( 2 Pumps on the hole @ 95 Strokes a piece) Present Mwt 14.7 ppg.				
Start Time	13:30	End Time	14:00	Comment Rig service.				
Start Time	14:00	End Time	20:00	Comment Drill 8 3/4" curve Section F/ 9,072' To 9,123' ( 2 Pumps on the hole @ 95 Strokes a piece) Present Mwt 14.7 ppg.				
Start Time	20:00	End Time	21:30	Comment Circulate bottoms up , build and pump slug to POOH for lateral asmbly				
Start Time	21:30	End Time	00:00	Comment Trip out of the hole for lateral asmbly f/ 9123' t/ 5510' while monitoring well at trip tank with trip sheet				
Report Start Date	1/23/2014	Report End Date	1/24/2014	24hr Activity Summary (FRR 2-2-14) TOO H for lateral asmbly, change out BHA, TIH , Cut and slip drill line, rig service, trouble shoot MWD, relog 17', Drill lateral f/ 9123' t/ 9202'				
Start Time	00:00	End Time	05:00	Comment Cont toTrip out of the hole for lateral assembly f/ 5510' t/ Surface while monitoring well at trip tank with trip sheet				
Start Time	05:00	End Time	09:30	Comment L/D Curve Building Assembly & P/U Lateral Assembly Test Mwd Tool ( Test Was Good)				

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Report Start Date 1/24/2014			Report End Date 1/25/2014			24hr Activity Summary (FRR 2-2-14) Drill lateral f/ 9202' t/ 10238' , Rig service		
Start Time	09:30	End Time	14:00	Comment	Trip In the hole w/ Lateral Assembly to 8411'. Fill pipe every 2000'			
Start Time	14:00	End Time	16:00	Comment	Cut & Slip 147' of drilling line			
Start Time	16:00	End Time	16:30	Comment	Routine Rig Service			
Start Time	16:30	End Time	17:30	Comment	Cont to Trip In the hole w/ Lateral Assembly to 9123'. Fill pipe every 2000'			
Start Time	17:30	End Time	18:30	Comment	Trouble shoot MWD, Reprogram, and relog f/ 9103' t/ 9123'			
Start Time	18:30	End Time	00:00	Comment	Drill 8.75" Lateral F/ 9,123' to 9,202' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg			
Report Start Date 1/25/2014			Report End Date 1/26/2014			24hr Activity Summary (FRR 2-2-14) Drill 8.75" Lateral F/ 10,238' to 11,448', Rig service		
Start Time	00:00	End Time	05:00	Comment	Drill 8.75" Lateral F/ 9,202' to 9,294' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg			
Start Time	05:00	End Time	05:30	Comment	Routine Rig Service			
Start Time	05:30	End Time	09:00	Comment	Drill 8.75" Lateral F/ 9,294' to 9,305' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg			
Start Time	09:00	End Time	09:30	Comment	Routine Rig Service			
Start Time	09:30	End Time	00:00	Comment	Drill 8.75" Lateral F/ 9,305' to 10,238' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg			
Report Start Date 1/26/2014			Report End Date 1/27/2014			24hr Activity Summary (FRR 2-2-14) Drill lateral f/ 11,484' t/ 11,781' , circulate and clean hole, rig service, downtime working on mud pumps		
Start Time	00:00	End Time	02:30	Comment	Drill 8.75" Lateral F/ 11,448' to 11,484' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg			
Start Time	02:30	End Time	04:30	Comment	Circulate and clean hole due to not being able to slide reciprocate pipe 200 SPM, 100RPM'S			
Start Time	04:30	End Time	05:00	Comment	Routine rig service			
Start Time	05:00	End Time	12:00	Comment	Drill 8.75" Lateral F/ 11,484' to 11,559' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg			
Start Time	12:00	End Time	12:30	Comment	Routine rig service			
Start Time	12:30	End Time	21:00	Comment	Drill 8.75" Lateral F/ 11,559' to 11,781' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg			
Start Time	21:00	End Time	00:00	Comment	Rig repair . rig on downtime #1 and #2 mud pump down changing swabs and liners in #2 and Swabs in #1			

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

--

Daily Operations		
Report Start Date 1/27/2014	Report End Date 1/28/2014	24hr Activity Summary (FRR 2-2-14) Drill lateral f/ 11,781' t/ 12,154' , Rig service, circulate and clean hole,
Start Time	End Time	Comment
00:00	03:00	Drill 8.75" Lateral F/ 11,781' to 11,843' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Start Time	End Time	Comment
03:00	03:30	Routine rig service, lubricate rig
Start Time	End Time	Comment
03:30	11:30	Drill 8.75" Lateral F/ 11,843' to 11,937' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Start Time	End Time	Comment
11:30	12:00	Routine rig service, lubricate rig
Start Time	End Time	Comment
12:00	15:00	Drill 8.75" Lateral F/ 11,937' to 12,068' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Start Time	End Time	Comment
15:00	16:00	Circulate and clean hole to aid in sliding reciprocate pipe 200 SPM, 100RPM'S
Start Time	End Time	Comment
16:00	00:00	Drill 8.75" Lateral F/ 12,068' to 12,154' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Report Start Date 1/28/2014	Report End Date 1/29/2014	24hr Activity Summary (FRR 2-2-14) Drill lateral f/12154' t/ 12222, circulate bottoms up , rig service, pump slug and POOH , Change out BHA, TIH from surface t/ 1020'
Start Time	End Time	Comment
00:00	05:30	Drill 8.75" Lateral F/ 12,154' to 12,220' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Start Time	End Time	Comment
05:30	06:00	Routine rig service, lubricate rig
Start Time	End Time	Comment
06:00	09:30	Circulate and clean hole reciprocate pipe 200 SPM, 105 RPM'S. Build Trip Slug & Fill Trip Tank & Prepare to trip out of the hole.
Start Time	End Time	Comment
09:30	16:00	Check flow ( Well Is Static) Pump slug, POOH to Change out Dir BHA Could Not Get BR's Needed F/ 12220' to Surface ( Monitor Well on trip tank and trip sheet)
Start Time	End Time	Comment
16:00	18:00	Handle Dir BHA We found the lower bearing in the mud motor failed causing excess slop in mud motor which caused near bit IPZIG to come un torqued & Re Scribed Tools and MWD Tools were out 20 Deg To left. & Bit was balled up with Dolomitic Shale with Clay matrix.
Start Time	End Time	Comment
18:00	23:30	P/U New Lateral Assembly & New Bit, Test Mwd Tool ( Test Was Good)
Start Time	End Time	Comment
23:30	00:00	Trip In the hole w/ Lateral Assembly to 520'. Fill pipe every 2000'
Report Start Date 1/29/2014	Report End Date 1/30/2014	24hr Activity Summary (FRR 2-5-14) Trip In the hole w/ Lateral Assembly to 6277'. Fill pipe every 2000', rig service, Trip In the hole w/ Lateral Assembly to 12,220',Drill 8.75" Lateral F/ 12,220' to 12,321', Routine rig service, lubricate rig, Drill 8.75" Lateral F/ 12,321' to 12,510'. Recycle Pumps, Change Out MWD Sensor on stand pipe, & Re Program Tool. Drill 8.75" Lateral F/ 12,510' to 12,560
Start Time	End Time	Comment
00:00	04:00	Trip In the hole w/ Lateral Assembly to 6277'. Fill pipe every 2000'
Start Time	End Time	Comment
04:00	04:30	Routine rig service, lubricate rig
Start Time	End Time	Comment
04:30	07:30	Trip In the hole w/ Lateral Assembly to 12,220'. Fill pipe every 2000'
Start Time	End Time	Comment
07:30	13:30	Drill 8.75" Lateral F/ 12,220' to 12,321' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Start Time	End Time	Comment
13:30	14:00	Routine rig service, lubricate rig

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Start Time			End Time		Comment
14:00			20:30		Drill 8.75" Lateral F/ 12,321' to 12,510' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Start Time			End Time		Comment
20:30			22:00		Recycle Pumps, Change Out MWD Sensor on stand pipe, & Re Program Tool
Start Time			End Time		Comment
22:00			00:00		Drill 8.75" Lateral F/ 12,510' to 12,560 ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Report Start Date	Report End Date	24hr Activity Summary			
1/30/2014	1/31/2014	(FRR 2-5-14)Drill 8.75" Lateral F/ 12,560' to 12,604, Routine rig service, lubricate rig, Re Log Gamma f/ 12,560 - 12,604, Drill 8.75" Lateral F/ 12,604' to 12,793', Routine rig service, lubricate rig, Drill 8.75" Lateral F/ 12,793' to 13,135			
Start Time			End Time		Comment
00:00			01:00		Drill 8.75" Lateral F/ 12,560' to 12,604 ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Start Time			End Time		Comment
01:00			01:30		Routine rig service, lubricate rig
Start Time			End Time		Comment
01:30			03:00		Re Log Gamma f/ 12,560 - 12,604
Start Time			End Time		Comment
03:00			12:30		Drill 8.75" Lateral F/ 12,604' to 12,793 ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Start Time			End Time		Comment
12:30			13:00		Routine rig service, lubricate rig
Start Time			End Time		Comment
13:00			00:00		Drill 8.75" Lateral F/ 12,793' to 13,135 ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Report Start Date	Report End Date	24hr Activity Summary			
1/31/2014	2/1/2014	(FRR 2-5-14) Drill 8.75" Lateral F/ 13,135' to 13,170', Routine rig service, lubricate rig, Drill 8.75" Lateral F/ 13,170' to 13,180', Circulate and clean hole to aid in sliding reciprocate pipe 200 SPM, 100RPM'S ,Drill 8.75" Lateral F/ 13,180' to 13,552 , Routine rig service, lubricate rig, Drill 8.75" Lateral F/ 13,552' to14,030 TD Well @ 00:00 Hrs on 1/31/2014			
Start Time			End Time		Comment
00:00			02:30		Drill 8.75" Lateral F/ 13,135' to 13,170 ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Start Time			End Time		Comment
02:30			03:00		Routine rig service, lubricate rig
Start Time			End Time		Comment
03:00			03:30		Drill 8.75" Lateral F/ 13,170' to 13,180' ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Start Time			End Time		Comment
03:30			04:30		Circulate and clean hole to aid in sliding reciprocate pipe 200 SPM, 100RPM'S
Start Time			End Time		Comment
04:30			14:30		Drill 8.75" Lateral F/ 13,180' to 13,552 ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg
Start Time			End Time		Comment
14:30			15:00		Routine rig service, lubricate rig
Start Time			End Time		Comment
15:00			00:00		Drill 8.75" Lateral F/ 13,552' to 14,030 TD ( 2 Pumps on the hole @ 95 Strokes.) Present Mwt 14.8 ppg TD Well @ 00:00 on 1/31/2014
Report Start Date	Report End Date	24hr Activity Summary			
2/1/2014	2/2/2014	(FRR 2-5-14) Circ 6X Bottoms Up, Trip Out of the Hole to 9 5/8" shoe & L/D Drill Pipe & Dir Tools,Routine rig service, lubricate rig, TIH W/ 57 stds Dp, LDDP F/ 5301' to 2500'.			
Start Time			End Time		Comment
00:00			00:30		Routine rig service, lubricate rig
Start Time			End Time		Comment
00:30			06:00		Circ 6x Bottoms up @ 200 spm & 105 Rpm's and reciprocate the drill string to aid in hole cleaning, Build Trip Slug & Fill Trip Tank while circulating.
Start Time			End Time		Comment
06:00			09:00		Check For Flow ( Well Is Static) Pump Trip Slug & Trip Out of hole to 9 5/8" Casing shoe While monitoring well on trip tank and trip sheet.

**NEWFIELD****Summary Rig Activity****Well Name: Fausett 4-13-3-2WH**

Report Start Date 2/2/2014			Report End Date 2/3/2014			24hr Activity Summary (FRR 2-5-14) Rig serv, LDDP F/ 2500' to Surface, Pull wear bushing, R/U Franks casing crew, Trouble shoot pipe wrangler change out hydraulic valve bank, Run 5.5" csg to 2885'.		
Start Time	09:00	End Time	15:30	Comment	LDDP f/ 8389' to Dir tools, Remove rotating Head			
Start Time	15:30	End Time	17:30	Comment	L/D Path Finders tools Bit & Mud Motor.			
Start Time	17:30	End Time	18:00	Comment	Routine rig service, lubricate rig			
Start Time	18:00	End Time	21:00	Comment	Trip in the hole 57 stand out of the derrick and prepare to LDDP			
Start Time	21:00	End Time	00:00	Comment	LDDP F/ 5301' to 2500'			
Start Time	00:00	End Time	00:30	Comment	Rig service.			
Start Time	00:30	End Time	03:00	Comment	LDDP F/ 2500' to surface.			
Start Time	03:00	End Time	03:30	Comment	Pull wear bushing.			
Start Time	03:30	End Time	04:00	Comment	Clean rig floor before rigging up Franks casing crew.			
Start Time	04:00	End Time	07:00	Comment	R/U Franks Westate casing crew.			
Start Time	07:00	End Time	18:00	Comment	Trouble Shoot Hydraulic Catwalk Changed out Hydraulic pony pump with no success cont to trouble shoot and found that the Hydraulic valve bank was washed out. Called out a L/D Truck and rig up L/D machine, While rigging up Franks, Mechanic came with new valve bank, Installed new valve bank and cat walk functioning properly, R/D Franks lay down machine			
Start Time	18:00	End Time	00:00	Comment	Run 5.5", 20# P-110 XP BTC casing to 2692'. Make casing up @ 15 RPMS Per Deep Well thread rep. Run 1- Float shoe, 1 jt csg, 1 Float collar, 1 jt csg, 1 Landing collar, 2 jts csg, 1 RSI sleeve, 25 full jts csg, 1 marker jt, 41 full jts. Filling pipe every 3000'.			
Report Start Date	2/3/2014	Report End Date	2/4/2014	24hr Activity Summary (FRR 2-5-14) Continue running 5.5" csg, Rig serv, Continue running csg, Circ btms up @ 8407', Continue running csg, R/U cmt head & Circ while rigging up Halliburton, Cement csg.				
Start Time	00:00	End Time	05:00	Comment	Continue running Run 5.5", 20# P-110 XP BTC To 6804' Break Circ Every 3000'			
Start Time	05:00	End Time	05:30	Comment	Rig service.			
Start Time	05:30	End Time	07:00	Comment	Continue running Run 5.5", 20# P-110 XP BTC To 8407' Break Circ Every 3000'			
Start Time	07:00	End Time	08:00	Comment	Circ btms up @ 8407' @ 6 BBLs Per Min Just above KOP			
Start Time	08:00	End Time	15:00	Comment	Continue running Run 5.5", 20# P-110 XP BTC 60 full jts csg, 1 marker jt, 224 full jts csg, 1 Hanger assembly. Centralizers 1 every jt to 8458', then every third jt to 7988', for a total of 139. For a total of 354 full jts of casing & 2 marker jts. Break Circ Every 3000'. Rig down casing crew , tawg tool, bails , bail extentions, laid down extra set of slips and elevators			
Start Time	15:00	End Time	21:00	Comment	Rig up cement head & Stage pump & Break Circ & Stage pump rate up to 120 spm Rotate Casing @ 20 rpms & R/U Halliburton cementers.			

NEWFIELD



## Summary Rig Activity

Well Name: Fausett 4-13-3-2WH

Start Time		21:00	End Time	00:00	Comment
		Cement 5.5" casing W/ Halliburton. Cement details will follow on next report.			
Report Start Date	Report End Date	24hr Activity Summary			
2/4/2014	2/5/2014	(FRR 2-5-14) Cement 5.5" casing, Wait on cmt, Rig serv, Bleed psi off annules attempt to lay down landing jt would not break, Wait on wire line truck & R/U wire line and set bridge plug, Rig serv, R/U Eager Beaver nipple down & Lift stack cut casing install pack off, Set stack back down 4 bolt stack, Rig down Eager Beaver.			
Start Time		00:00	End Time	01:30	Comment
		Cement 5.5" Casing As Follows. Pressure test lines to 6000 psi, pressure test nitrogen to 7000 psi, Pump 40 bbls of tuned spacer 15 ppg @ 4 BPM, mix and pump 345 bbls of Tergo vis 1335 sks 15.2 ppg 1.45 yeild, mix and pump 93 bbls of lead cement 475 sks 15.5 ppg 1.10 yeild, bring on foamer at 83 bbls away of lead, bring on N2 at 88 bbls away of lead - 200,000 scf needed for job plus cool down, mix and pump 178.5 bbls of foamed lead 545 sks mixed at 17.3 ppg 1.84 yeild foamed to 15.5 ppg 2.03 yeild, mixed and pumped 19.5 bbls of tail cement 60 sks 17.3 ppg 1.84 yeild, shut down drop plug pump 10 bbls of mmcr + freshwater @ 4 BPM, pump 297 bbls of Clay wet displacment final pump rate 3.6 BPM, final circulating pressure 3900 psi, bumped plug with 4350 psi , 5.5 bbl flow back, floats held, 40 BBLs tuned spacer & 22 BBLs tergo vis back to surface During cmt job rotated casing @ 20 RPM torq started out at 7,000# and at the end of the job it was 10,000#.			
Start Time		01:30	End Time	05:30	Comment
		Wait on cement. close annular & monitor PSI. & R/D Halliburton cementers.			
Start Time		05:30	End Time	06:00	Comment
		Rig service.			
Start Time		06:00	End Time	07:00	Comment
		Bleed of pressure and open annules check for flow attempt to lay down landing joint couldnt get it to break out whole string turned, desicion was made to set retrievable bridge plug , lift stack and cut off landing joint			
Start Time		07:00	End Time	10:00	Comment
		Wait on wireline to arrive on location to set bridge plug & R/D Fanks casing tongs, Suck cellar, R/D Katch Kan & Preparing stack for nipple down.			
Start Time		10:00	End Time	16:00	Comment
		HPJSM W/ JW Wire Line & Rig Up Wire Line & Run in hole with wireline , run in with junk basket and gauge ring 4.75", Lay down junk basket and gauge ring, pick up retrievable bridge plug 4.75" OD., Run in hole with retrievable bridge plug set @ 6014', pull wireline., Rig down wireline tools, sheaves, and lubricator.			
Start Time		16:00	End Time	16:30	Comment
		Rig service.			
Start Time		16:30	End Time	20:00	Comment
		HPJSM w/ Eager Beaver & Prepair floor F/ stack jacks & R/U jacks & Nipple down bops. Lift stack to cut casing.			
Start Time		20:00	End Time	22:00	Comment
		Camron cut casing & Install pack off.			
Start Time		22:00	End Time	00:00	Comment
		Set stack back down 4 bolt stack rig down Eager Beavers stack jacks. Rig Realeased @ 00:00 on 2/5/2014.			