API Well Number: 43013515470000

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

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER Ute Tribal 4-13-3-4WH	
2. TYPE OF WORK DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** UNDESIGNATED
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** mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-6388	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ◉ STATE ○ FEE ○
	12. SURFACE OWNERSHIP FEDERAL ○ INDIAN ○ STATE ○ FEE ◉
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Newfiled RMI LLC	**14. SURFACE OWNER PHONE (if box 12 = 'fee')** 435-823-1932
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1001 17th Street, Suite 2000, Denver, CO 80202	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')** teaton@newfield.com
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ◉
	19. SLANT VERTICAL ○ DIRECTIONAL ○ HORIZONTAL ◉

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	41 FNL 1546 FWL	NENW	13	3.0 S	4.0 W	U
Top of Uppermost Producing Zone	660 FNL 660 FWL	NWNW	13	3.0 S	4.0 W	U
At Total Depth	660 FSL 660 FWL	SWSW	13	3.0 S	4.0 W	U

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 41	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 845	**26. PROPOSED DEPTH** MD: 13980 TVD: 9228
27. ELEVATION - GROUND LEVEL 5652	**28. BOND NUMBER** RLB00100473	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8
SURF	12.25	9.625	0 - 2500	36.0	J-55 ST&C	8.3	Premium Lite High Strength	204	3.53	11.0
							Class G	154	1.17	15.8
I1	8.75	7	0 - 10069	26.0	P-110 Other	11.5	Premium Lite High Strength	296	3.53	11.0
							50/50 Poz	423	1.24	14.3
L1	6.125	4.5	8870 - 13980	13.5	P-110 Other	11.5	No Used	0	0.0	0.0

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Don Hamilton	**TITLE** Permitting Agent	**PHONE** 435 719-2018
SIGNATURE	**DATE** 07/09/2012	**EMAIL** starpoint@etv.net

API NUMBER ASSIGNED 43013515470000	**APPROVAL** Permit Manager

RECEIVED: January 16, 2013

Newfield Production Company
Ute Tribal 4-13-3-4WH
Surface Hole Location:41' FNL, 1546' FWL, Section 13, T3S, R4W
Bottom Hole Location: 660' FSL, 660' FWL, Section 13, T3S, R4W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	4,120'
Garden Gulch member	7,037'
Wasatch	9,533'
Pilot Hole TD	9,733'
Lateral TD	9,228' TVD / 13,980' MD

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

Base of moderately saline	1,180'	(water)
Green River	7,037' - 9,228'	(oil)

Note: The pilot hole will be drilled into the Wasatch formation for evaluation and targeting purposes only. The lateral will be drilled in the Green River formation.

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
									--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	STC	8.33	8.33	14	3,520	2,020	394,000
									2.12	2.54	4.38
Intermediate 7	0'	9,425' 10,069'	26	P-110	BTC	11	11.5	15	9,960	6,210	853,000
									2.24	1.32	3.26
Production 4 1/2	8,870'	9,228' 13,980'	13.5	P-110	BTC	11	11.5	--	12,410	10,670	422,000
									2.85	2.32	6.12

RECEIVED: July 09, 2012

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)
Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

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

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	720 / 204	15%	11.0	3.53
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180 / 154	15%	15.8	1.17
Pilot Hole Plug Back	8 3/4	813'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	390 / 315	15%	14.3	1.24
Intermediate Lead	8 3/4	6,037'	Premium Lite II w/ 3% KCl + 10% bentonite	1044 / 296	15%	11.0	3.53
Intermediate Tail	8 3/4	3,032'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	524 / 423	15%	14.3	1.24
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	-- / --	--	--	--

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

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

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

6. Type and Characteristics of Proposed Circulating Medium

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.

RECEIVED: July 09, 2012

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 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD 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 PBTD to the cement top behind the production 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 0.57 psi/ft gradient.

9,228' x 0.57 psi/ft = 5278 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

An 8-3/4" pilot hole will be drilled in order to determine the depth to the lateral target zone.
The pilot hole will be logged, and then plugged back in prepartion for horizontal operations.
Directional tools will then be used to build to 92.86 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

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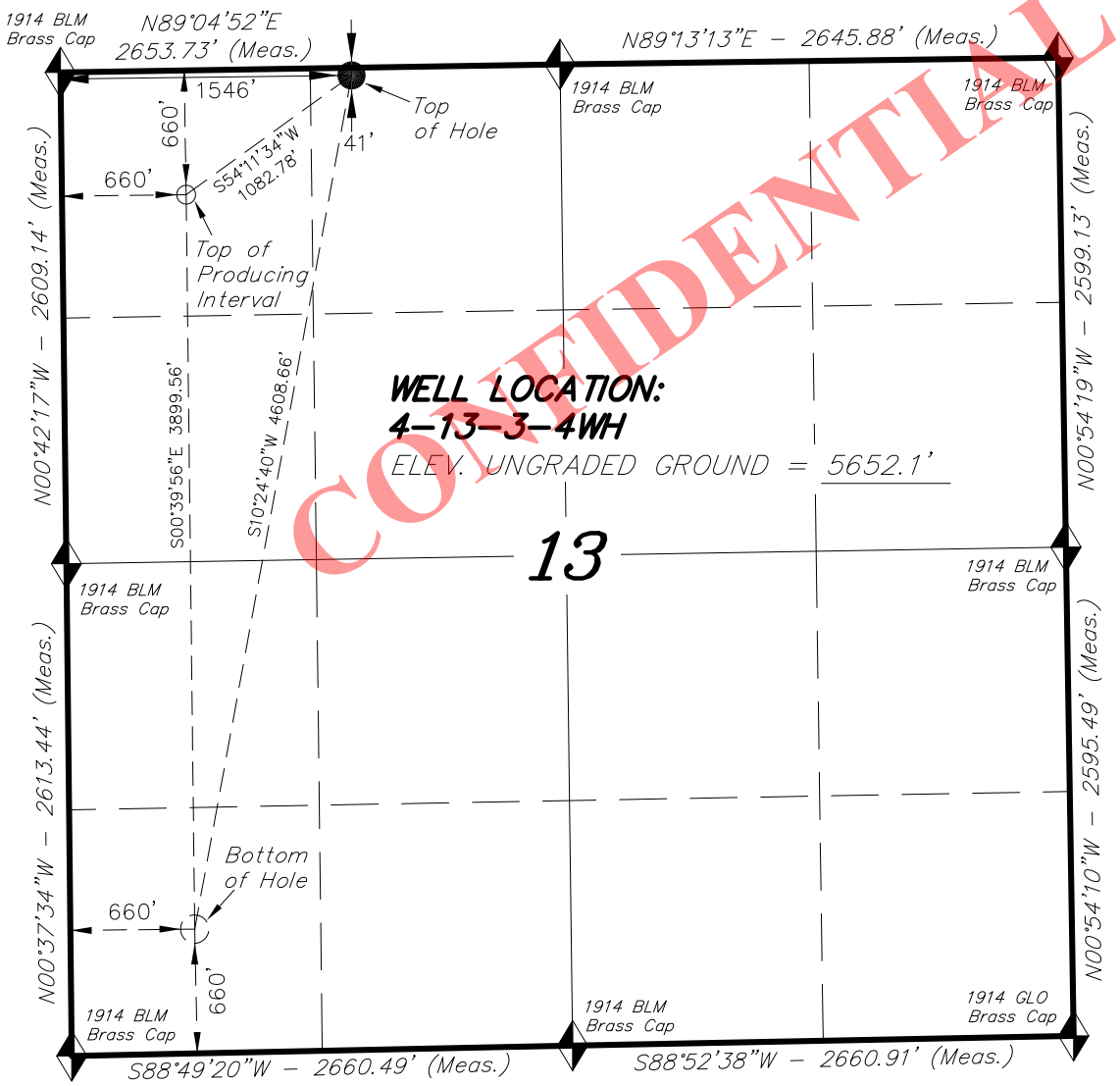
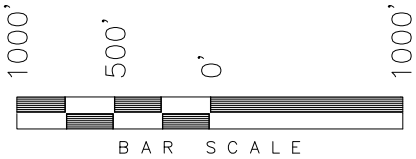
T3S, R4W, U.S.B.&M.



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 4–13–3–4WH, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 13, T3S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

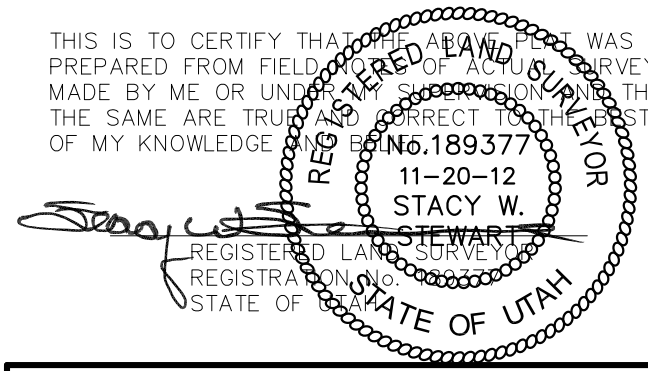
TARGET BOTTOM HOLE, 4–13–3–4WH, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 13, T3S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

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



REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

= SECTION CORNERS LOCATED

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

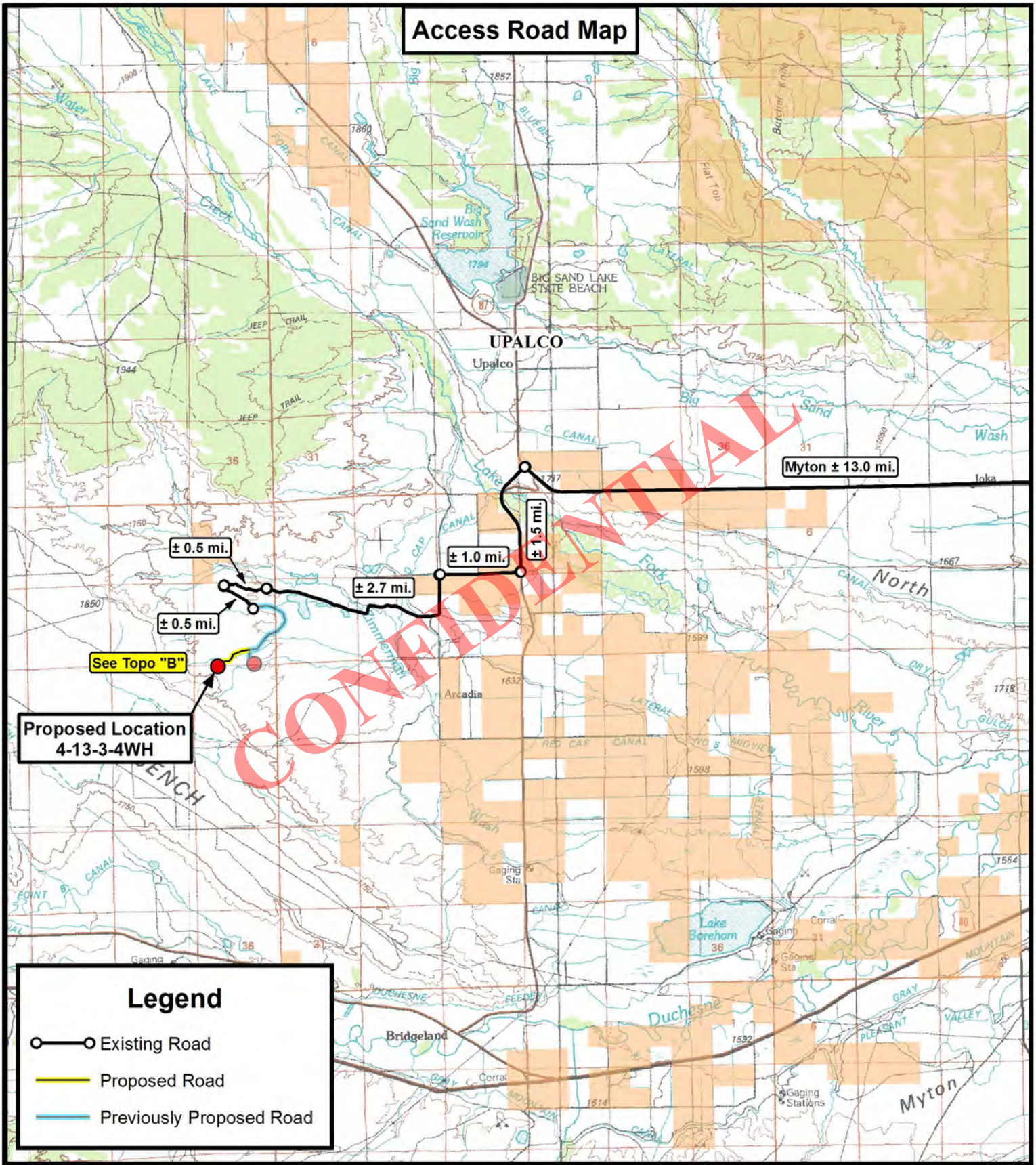
NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°13'41.11" LONGITUDE = 110°17'17.91"	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°13'41.26" LONGITUDE = 110°17'15.35"	
NAD 83 (TOP OF PROD. INTERVAL)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°13'34.97" LONGITUDE = 110°17'29.34"	LATITUDE = 40°12'56.44" LONGITUDE = 110°17'29.44"
NAD 27 (TOP OF PROD. INTERVAL)	NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°13'35.12" LONGITUDE = 110°17'26.78"	LATITUDE = 40°12'56.59" LONGITUDE = 110°17'26.88"

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

DATE SURVEYED: 04–06–12	SURVEYED BY: C.S.	VERSION:
DATE DRAWN: 04–18–12	DRAWN BY: R.B.T.	V5
REVISED: 11–20–12 M.W.	SCALE: 1" = 1000'	

RECEIVED: July 09, 2012

API Well Number: 43013515470000



Tri State Land Surveying, Inc.
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F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

4-13-3-4WH
SEC. 13, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

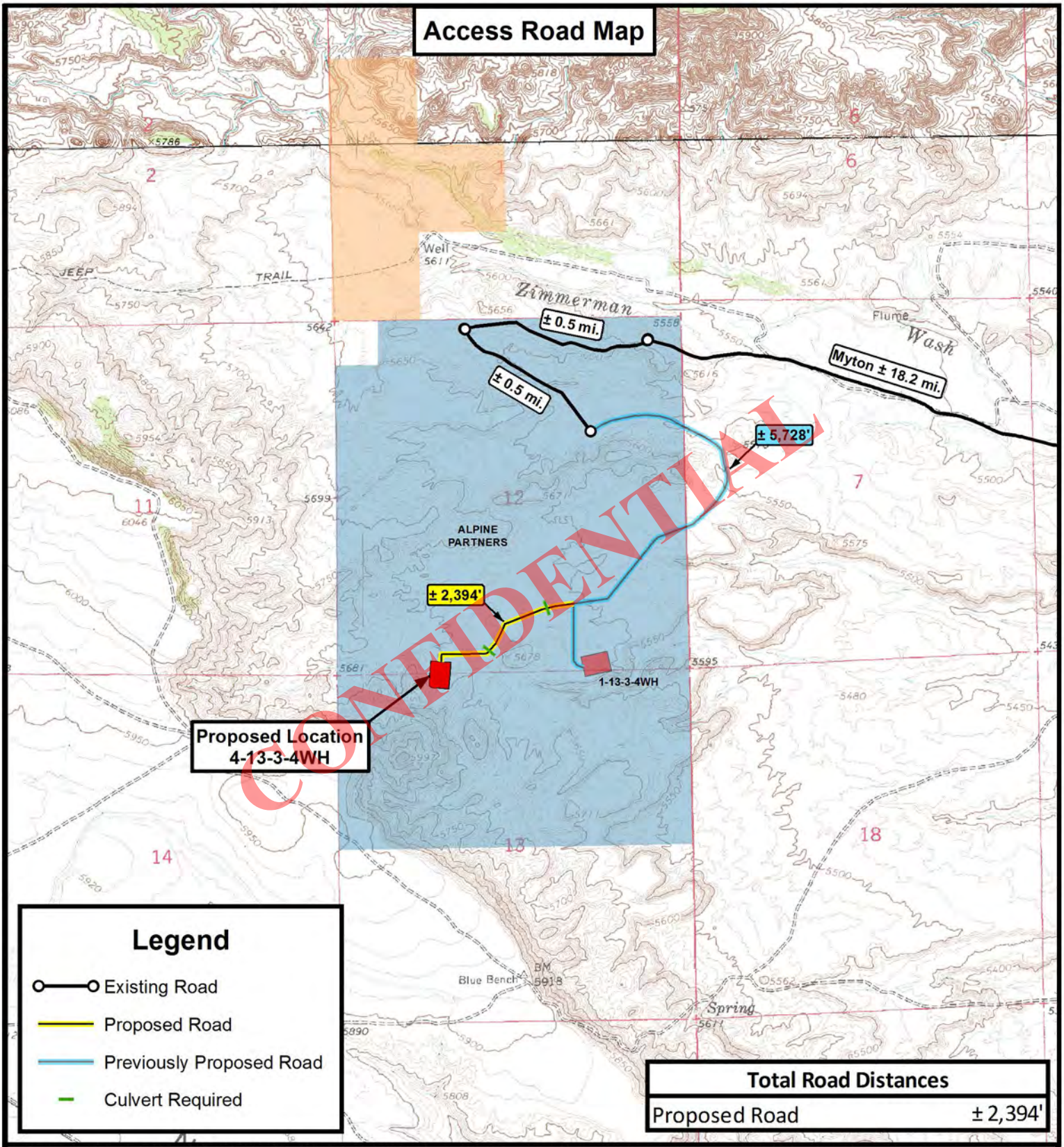
DRAWN BY:	D.C.R.	REVISED:	11-20-12 D.C.R.	VERSION:
DATE:	04-20-2012			V5
SCALE:	1:100,000			

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013515470000

Access Road Map



Legend

- Existing Road
- Proposed Road
- Previously Proposed Road
- Culvert Required

Total Road Distances	
Proposed Road	± 2,394'

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

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NEWFIELD EXPLORATION COMPANY

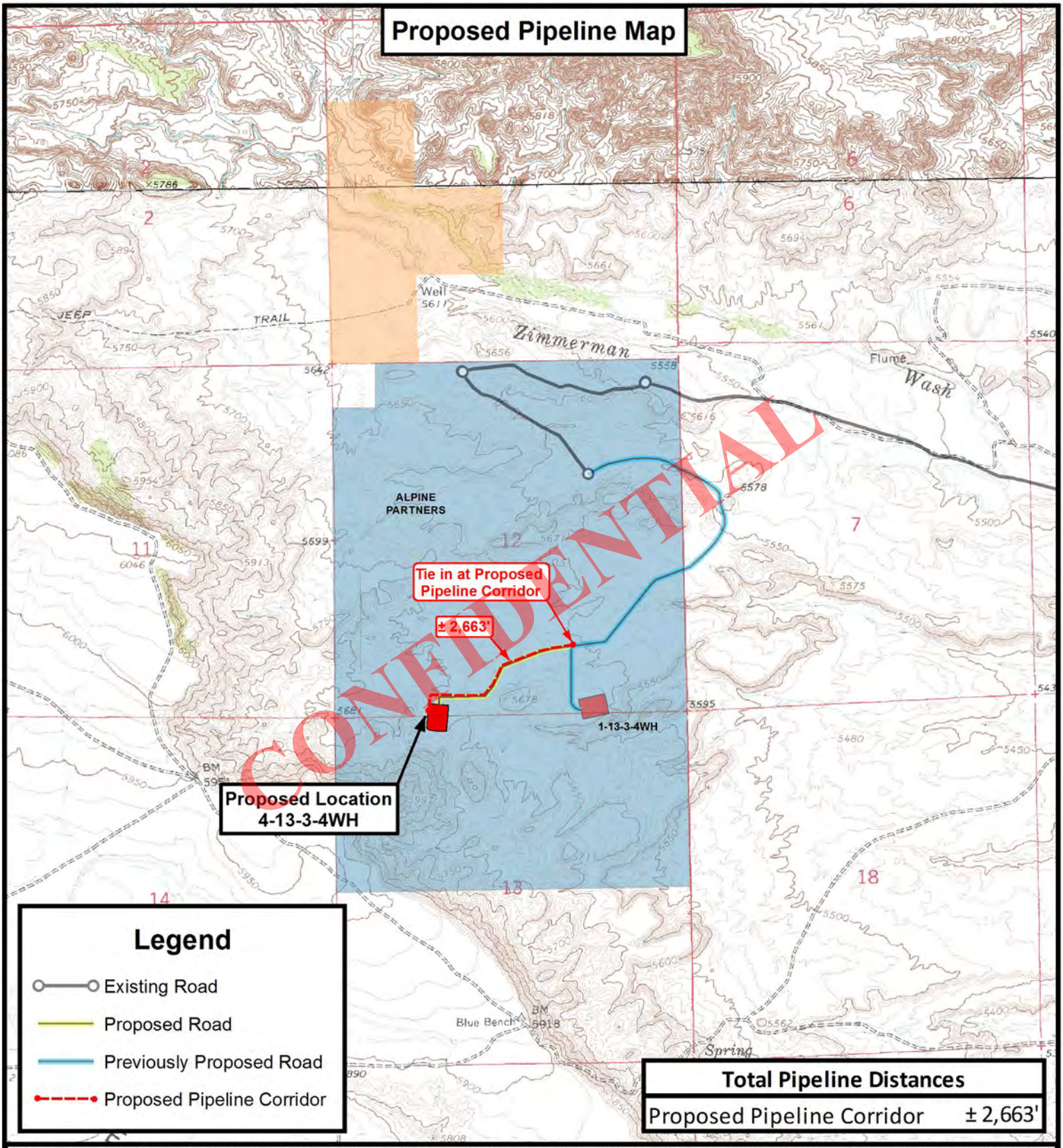
4-13-3-4WH
SEC. 13, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	11-20-12 D.C.R.	VERSION:
DATE:	04-20-2012			V5
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013515470000



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NEWFIELD EXPLORATION COMPANY

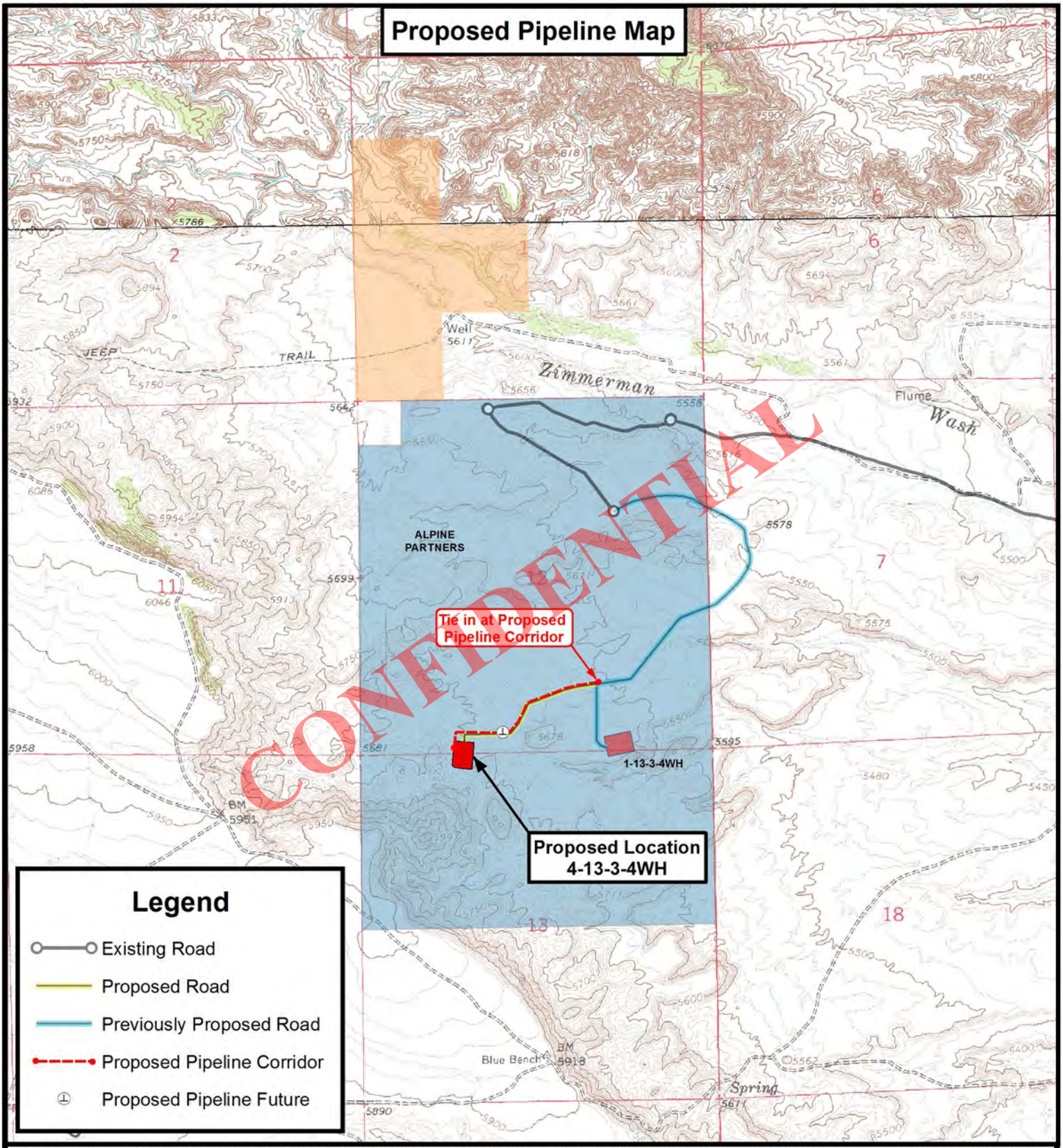
4-13-3-4WH
SEC. 13, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	11-20-12 D.C.R.	VERSION:
DATE:	04-20-2012			V5
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET C1

API Well Number: 43013515470000



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NEWFIELD EXPLORATION COMPANY

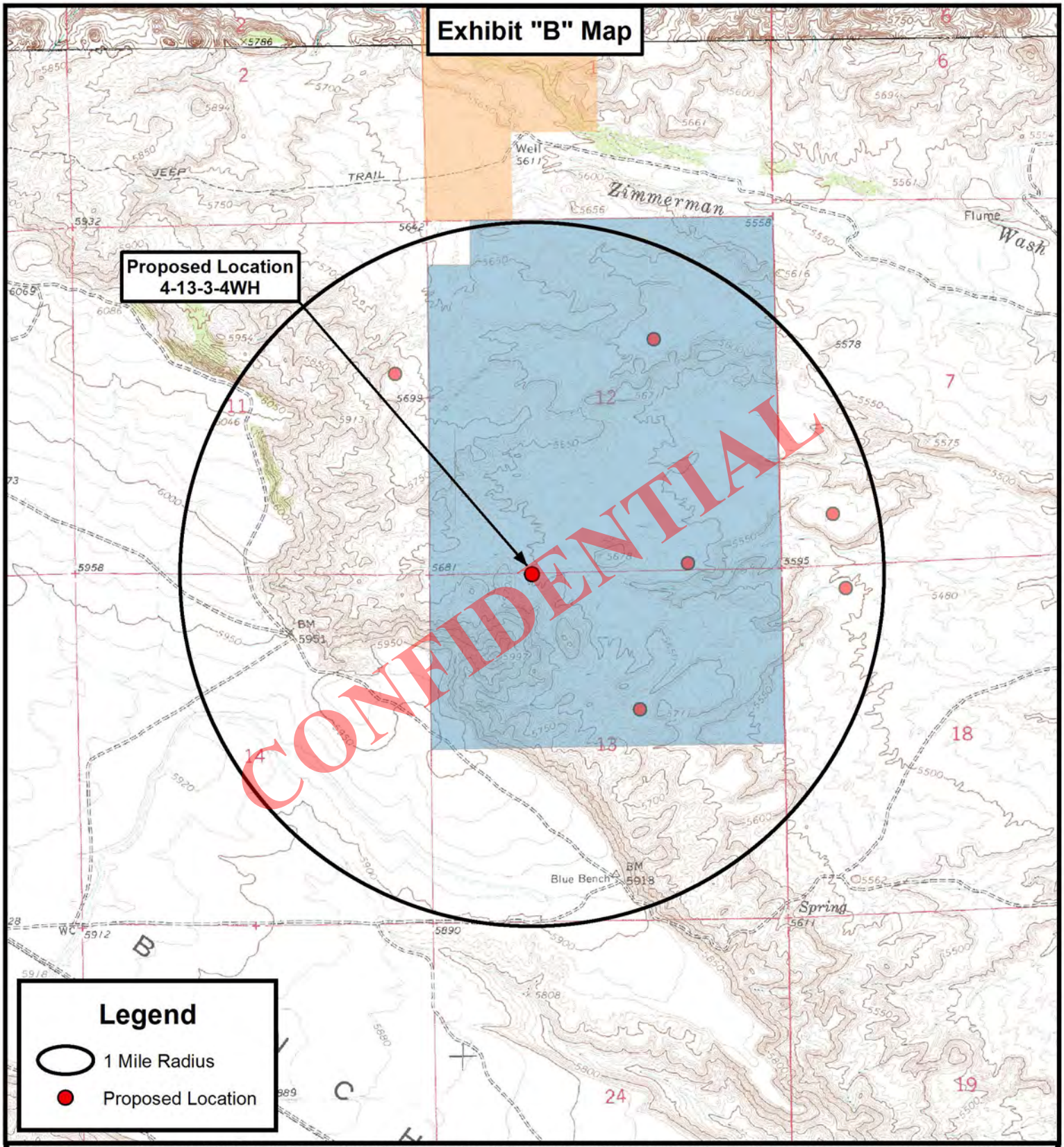
4-13-3-4WH
SEC. 13, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	11-20-12 D.C.R.	VERSION:
DATE:	04-20-2012			V5
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET C2

API Well Number: 43013515470000



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NEWFIELD EXPLORATION COMPANY

4-13-3-4WH
SEC. 13, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED: 11-20-12 D.C.R.	VERSION:
DATE:	04-20-2012		V5
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET
D

API Well Number: 43013515470000

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
4-13-3-4WH	Surface Hole	40° 13' 41.11" N	110° 17' 17.91" W
4-13-3-4WH	Top of Producing Interval	40° 13' 34.97" N	110° 17' 29.34" W
4-13-3-4WH	Bottom of Hole	40° 12' 56.44" N	110° 17' 29.44" W

Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
4-13-3-4WH	Surface Hole	40.228085	110.288309
4-13-3-4WH	Top of Producing Interval	40.226379	110.291483
4-13-3-4WH	Bottom of Hole	40.215678	110.291510

Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
4-13-3-4WH	Surface Hole	4453315.773	560547.379
4-13-3-4WH	Top of Producing Interval	4453124.286	560278.832
4-13-3-4WH	Bottom of Hole	4451936.468	560286.064

Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
4-13-3-4WH	Surface Hole	40° 13' 41.26" N	110° 17' 15.36" W
4-13-3-4WH	Top of Producing Interval	40° 13' 35.12" N	110° 17' 26.78" W
4-13-3-4WH	Bottom of Hole	40° 12' 56.59" N	110° 17' 26.88" W

Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
4-13-3-4WH	Surface Hole	40.228127	110.287599
4-13-3-4WH	Top of Producing Interval	40.226422	110.290773
4-13-3-4WH	Bottom of Hole	40.215720	110.290800

Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters)
4-13-3-4WH	Surface Hole	4453110.510	560609.364
4-13-3-4WH	Top of Producing Interval	4452919.023	560340.813
4-13-3-4WH	Bottom of Hole	4451731.199	560348.051

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NEWFIELD EXPLORATION COMPANY

4-13-3-4WH
SEC. 13, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 11-20-12 D.C.R.	COORDINATE REPORT
DATE:	09-20-2012		SHEET 1
VERSION:	V5		

RECEIVED: July 09, 2012

API Well Number: 43013515470000

NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT

UTE TRIBAL 4-13-3-4WH

Plan: Design #1

Standard Survey Report

1 JUNE, 2012

RECEIVED: July 09, 2012

API Well Number: 43013515470000

NEWFIELD

Weatherford

Project:	DUCHESNE COUNTY, UT
Site:	UTE TRIBAL 4-13-3-4WH
Well:	UTE TRIBAL 4-13-3-4WH
Wellbore:	UTE TRIBAL 4-13-3-4WH
Design:	Design #1
Latitude:	40° 13' 41.110 N
Longitude:	110° 17' 17.910 W
GL:	5652.00
KB:	WELL @ 5670.00ft (Original Well Elev)

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL UTE TRIBAL 4-13-3-4WH	9228.00	-4532.47	-832.99	40° 12' 56.317 N	110° 17' 28.648 W	Point

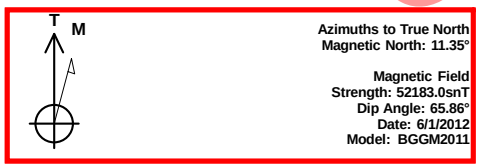
WELL DETAILS: UTE TRIBAL 4-13-3-4WH

Ground Level: 5652.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7254098.06	1978719.04	40° 13' 41.110 N	110° 17' 17.910 W	

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8920.20	0.00	0.00	8920.20	0.00	0.00	0.00	0.00	0.00	Start Build 11.00
9764.35	92.86	215.00	9440.42	-447.94	-313.65	11.00	215.00	497.25	Start 305.00 hold at 9764.35 MD
10069.35	92.86	215.00	9425.22	-697.47	-488.37	0.00	0.00	774.26	Start DLS 3.00 TFO -89.09
11234.44	92.86	180.00	9365.21	-1789.97	-832.87	3.00	-89.09	1911.03	Start 2745.93 hold at 11234.44 MD
13980.37	92.86	180.00	9228.00	-4532.47	-832.99	0.00	0.00	4608.38	TD at 13980.37

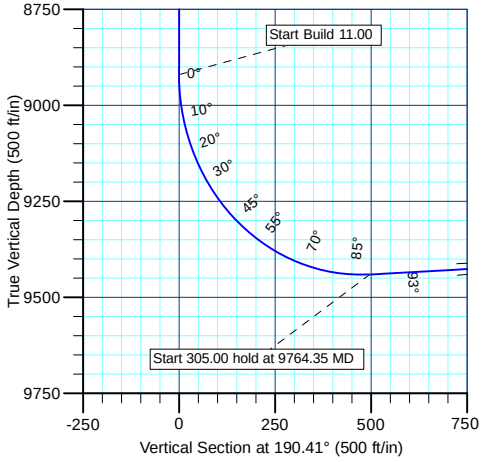


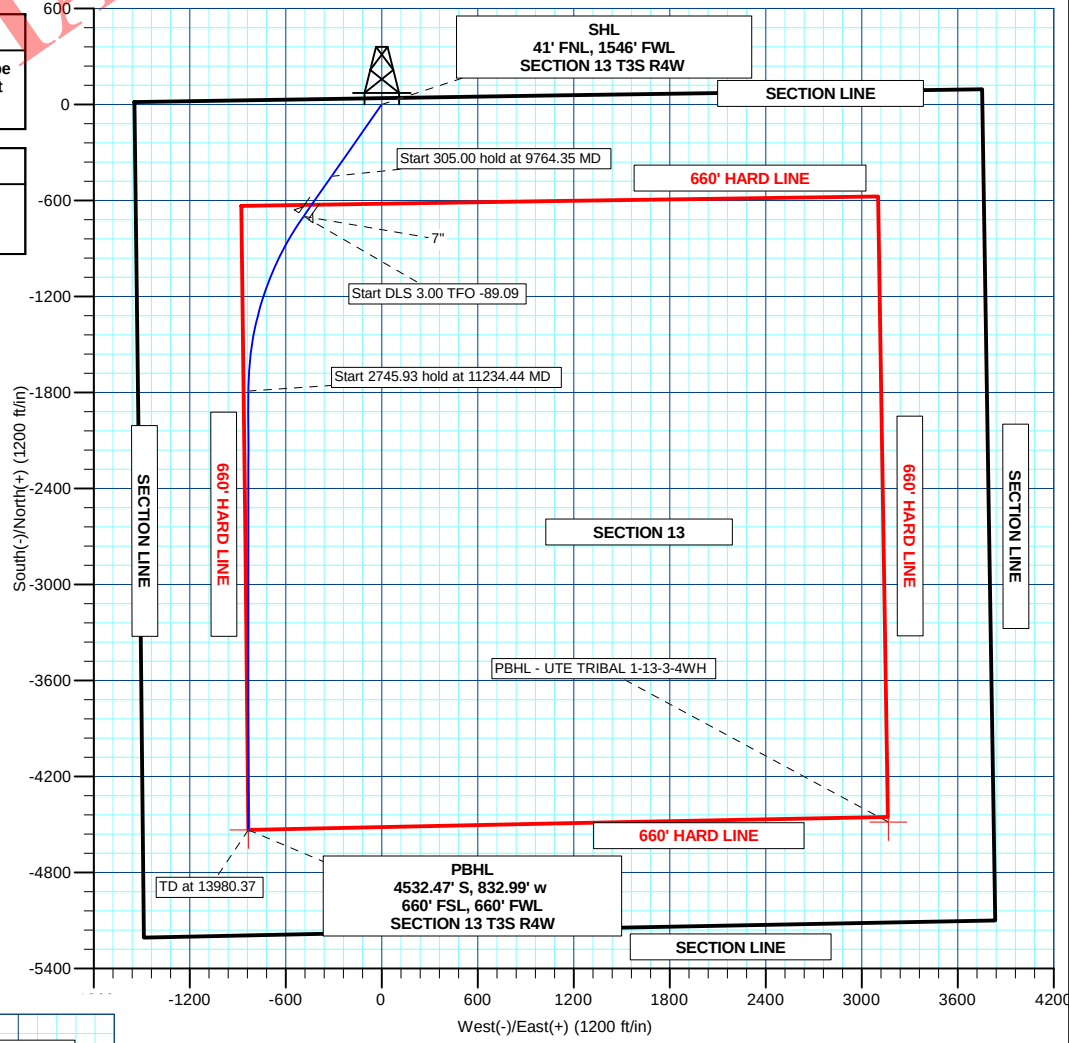
Azimuths to True North
Magnetic North: 11.35°

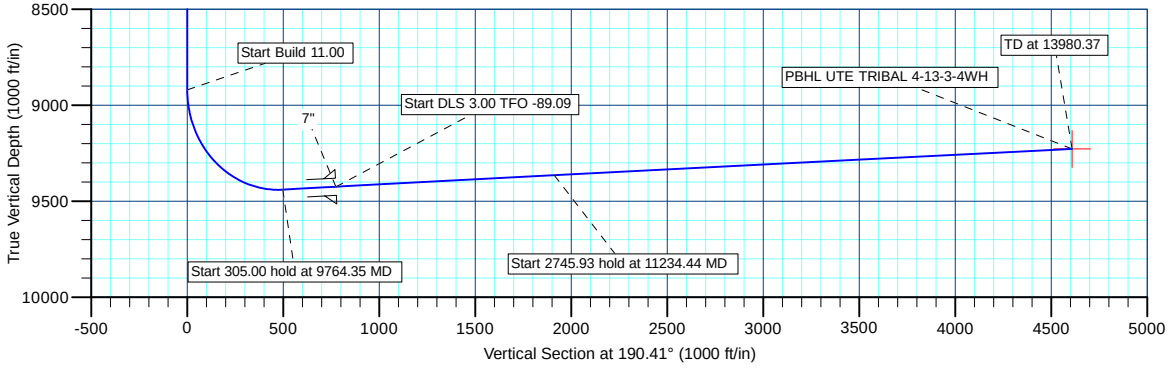
Magnetic Field
Strength: 52183.0snT
Dip Angle: 65.86°
Date: 6/1/2012
Model: BGGM2011

CASING DETAILS

TVD	MD	Name	Size
9425.21	10069.35	7"	7







Plan: Design #1 (UTE TRIBAL 4-13-3-4WH/UTE TRIBAL 4-13-3-4WH)

Created By: TRACY WILLIAMS Date: 14:53, June 01 2012

API Well Number: 43013515470000

NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT
UTE TRIBAL 4-13-3-4WH
UTE TRIBAL 4-13-3-4WH

UTE TRIBAL 4-13-3-4WH

Plan: Design #1

Standard Planning Report

01 June, 2012

RECEIVED: July 09, 2012

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well UTE TRIBAL 4-13-3-4WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5670.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5670.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-13-3-4WH	**North Reference:**	True
Well:	UTE TRIBAL 4-13-3-4WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	UTE TRIBAL 4-13-3-4WH		
Design:	Design #1		

Project DUCHESNE COUNTY, UT

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site UTE TRIBAL 4-13-3-4WH

Site Position:		**Northing:**	7,254,098.06 ft	**Latitude:**	40° 13' 41.110 N
From:	Lat/Long	**Easting:**	1,978,719.04 ft	**Longitude:**	110° 17' 17.910 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	"	**Grid Convergence:**	0.78 °

Well UTE TRIBAL 4-13-3-4WH

Well Position	**+N/-S**	0.00 ft	**Northing:**	7,254,098.06 ft	**Latitude:**	40° 13' 41.110 N
	+E/-W	0.00 ft	**Easting:**	1,978,719.04 ft	**Longitude:**	110° 17' 17.910 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,652.00 ft

Wellbore UTE TRIBAL 4-13-3-4WH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	6/1/2012	11.35	65.86	52,183

Design Design #1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	190.41

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,920.20	0.00	0.00	8,920.20	0.00	0.00	0.00	0.00	0.00	0.00	
9,764.35	92.86	215.00	9,440.42	-447.94	-313.65	11.00	11.00	0.00	215.00	
10,069.35	92.86	215.00	9,425.22	-697.47	-488.37	0.00	0.00	0.00	0.00	
11,234.44	92.86	180.00	9,365.21	-1,789.97	-832.87	3.00	0.00	-3.00	-89.09	
13,980.37	92.86	180.00	9,228.00	-4,532.47	-832.99	0.00	0.00	0.00	0.00	PBHL UTE TRIBAL

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well UTE TRIBAL 4-13-3-4WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5670.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5670.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-13-3-4WH	**North Reference:**	True
Well:	UTE TRIBAL 4-13-3-4WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	UTE TRIBAL 4-13-3-4WH		
Design:	Design #1		

Planned Survey

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

RECEIVED: July 09, 2012

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well UTE TRIBAL 4-13-3-4WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5670.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5670.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-13-3-4WH	**North Reference:**	True
Well:	UTE TRIBAL 4-13-3-4WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	UTE TRIBAL 4-13-3-4WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00
8,800.00	0.00	0.00	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00
8,900.00	0.00	0.00	8,900.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 11.00									
8,920.20	0.00	0.00	8,920.20	0.00	0.00	0.00	0.00	0.00	0.00
8,950.00	3.28	215.00	8,949.98	-0.70	-0.49	0.77	11.00	11.00	0.00
9,000.00	8.78	215.00	8,999.69	-5.00	-3.50	5.55	11.00	11.00	0.00
9,050.00	14.28	215.00	9,048.66	-13.18	-9.23	14.63	11.00	11.00	0.00
9,100.00	19.78	215.00	9,096.45	-25.17	-17.62	27.94	11.00	11.00	0.00
9,150.00	25.28	215.00	9,142.62	-40.86	-28.61	45.35	11.00	11.00	0.00
9,200.00	30.78	215.00	9,186.74	-60.09	-42.08	66.71	11.00	11.00	0.00
9,250.00	36.28	215.00	9,228.40	-82.71	-57.91	91.81	11.00	11.00	0.00
9,300.00	41.78	215.00	9,267.23	-108.49	-75.96	120.43	11.00	11.00	0.00
9,350.00	47.28	215.00	9,302.86	-137.20	-96.07	152.30	11.00	11.00	0.00
9,400.00	52.78	215.00	9,334.97	-168.58	-118.04	187.14	11.00	11.00	0.00
9,450.00	58.28	215.00	9,363.26	-202.33	-141.67	224.60	11.00	11.00	0.00
9,500.00	63.78	215.00	9,387.47	-238.15	-166.75	264.37	11.00	11.00	0.00
9,550.00	69.28	215.00	9,407.38	-275.70	-193.05	306.05	11.00	11.00	0.00
9,600.00	74.78	215.00	9,422.80	-314.64	-220.32	349.29	11.00	11.00	0.00
9,650.00	80.28	215.00	9,433.59	-354.62	-248.31	393.66	11.00	11.00	0.00

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well UTE TRIBAL 4-13-3-4WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5670.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5670.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-13-3-4WH	**North Reference:**	True
Well:	UTE TRIBAL 4-13-3-4WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	UTE TRIBAL 4-13-3-4WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,700.00	85.78	215.00	9,439.66	-395.26	-276.76	438.78	11.00	11.00	0.00
9,750.00	91.28	215.00	9,440.94	-436.19	-305.42	484.21	11.00	11.00	0.00
Start 305.00 hold at 9764.35 MD									
9,764.35	92.86	215.00	9,440.42	-447.94	-313.65	497.25	11.00	11.00	0.00
9,800.00	92.86	215.00	9,438.65	-477.10	-334.07	529.63	0.00	0.00	0.00
9,900.00	92.86	215.00	9,433.66	-558.91	-391.36	620.45	0.00	0.00	0.00
10,000.00	92.86	215.00	9,428.68	-640.73	-448.64	711.27	0.00	0.00	0.00
Start DLS 3.00 TFO -89.09 - 7"									
10,069.35	92.86	215.00	9,425.22	-697.47	-488.37	774.25	0.00	0.00	0.00
10,100.00	92.87	214.08	9,423.69	-722.68	-505.73	802.19	3.00	0.05	-3.00
10,200.00	92.91	211.08	9,418.65	-806.83	-559.50	894.67	3.00	0.04	-3.00
10,300.00	92.95	208.07	9,413.54	-893.68	-608.78	989.00	3.00	0.03	-3.00
10,400.00	92.97	205.07	9,408.37	-982.99	-653.45	1,084.91	3.00	0.03	-3.00
10,500.00	92.99	202.06	9,403.17	-1,074.51	-693.37	1,182.14	3.00	0.02	-3.00
10,600.00	93.00	199.06	9,397.95	-1,168.00	-728.44	1,280.43	3.00	0.01	-3.00
10,700.00	93.00	196.06	9,392.72	-1,263.20	-758.56	1,379.51	3.00	0.00	-3.00
10,800.00	92.99	193.05	9,387.49	-1,359.85	-783.65	1,479.10	3.00	-0.01	-3.00
10,900.00	92.98	190.05	9,382.29	-1,457.68	-803.65	1,578.93	3.00	-0.02	-3.00
11,000.00	92.95	187.04	9,377.12	-1,556.43	-818.49	1,678.74	3.00	-0.02	-3.00
11,100.00	92.92	184.04	9,371.99	-1,655.82	-828.13	1,778.23	3.00	-0.03	-3.00
11,200.00	92.88	181.04	9,366.94	-1,755.58	-832.55	1,877.15	3.00	-0.04	-3.00
Start 2745.93 hold at 11234.44 MD									
11,234.44	92.86	180.00	9,365.21	-1,789.97	-832.87	1,911.03	3.00	-0.05	-3.00
11,300.00	92.86	180.00	9,361.93	-1,855.45	-832.87	1,975.44	0.00	0.00	0.00
11,400.00	92.86	180.00	9,356.94	-1,955.33	-832.87	2,073.67	0.00	0.00	0.00
11,500.00	92.86	180.00	9,351.94	-2,055.20	-832.88	2,171.90	0.00	0.00	0.00
11,600.00	92.86	180.00	9,346.94	-2,155.08	-832.88	2,270.13	0.00	0.00	0.00
11,700.00	92.86	180.00	9,341.95	-2,254.95	-832.89	2,368.36	0.00	0.00	0.00
11,800.00	92.86	180.00	9,336.95	-2,354.83	-832.89	2,466.59	0.00	0.00	0.00
11,900.00	92.86	180.00	9,331.95	-2,454.70	-832.90	2,564.82	0.00	0.00	0.00
12,000.00	92.86	180.00	9,326.96	-2,554.58	-832.90	2,663.05	0.00	0.00	0.00
12,100.00	92.86	180.00	9,321.96	-2,654.45	-832.90	2,761.28	0.00	0.00	0.00
12,200.00	92.86	180.00	9,316.96	-2,754.33	-832.91	2,859.51	0.00	0.00	0.00
12,300.00	92.86	180.00	9,311.97	-2,854.20	-832.91	2,957.74	0.00	0.00	0.00
12,400.00	92.86	180.00	9,306.97	-2,954.08	-832.92	3,055.97	0.00	0.00	0.00
12,500.00	92.86	180.00	9,301.97	-3,053.95	-832.92	3,154.21	0.00	0.00	0.00
12,600.00	92.86	180.00	9,296.97	-3,153.83	-832.93	3,252.44	0.00	0.00	0.00
12,700.00	92.86	180.00	9,291.98	-3,253.70	-832.93	3,350.67	0.00	0.00	0.00
12,800.00	92.86	180.00	9,286.98	-3,353.58	-832.94	3,448.90	0.00	0.00	0.00
12,900.00	92.86	180.00	9,281.98	-3,453.46	-832.94	3,547.13	0.00	0.00	0.00
13,000.00	92.86	180.00	9,276.99	-3,553.33	-832.94	3,645.36	0.00	0.00	0.00
13,100.00	92.86	180.00	9,271.99	-3,653.21	-832.95	3,743.59	0.00	0.00	0.00
13,200.00	92.86	180.00	9,266.99	-3,753.08	-832.95	3,841.82	0.00	0.00	0.00
13,300.00	92.86	180.00	9,262.00	-3,852.96	-832.96	3,940.05	0.00	0.00	0.00
13,400.00	92.86	180.00	9,257.00	-3,952.83	-832.96	4,038.28	0.00	0.00	0.00
13,500.00	92.86	180.00	9,252.00	-4,052.71	-832.97	4,136.51	0.00	0.00	0.00
13,600.00	92.86	180.00	9,247.01	-4,152.58	-832.97	4,234.74	0.00	0.00	0.00
13,700.00	92.86	180.00	9,242.01	-4,252.46	-832.98	4,332.97	0.00	0.00	0.00
13,800.00	92.86	180.00	9,237.01	-4,352.33	-832.98	4,431.21	0.00	0.00	0.00
13,900.00	92.86	180.00	9,232.02	-4,452.21	-832.98	4,529.44	0.00	0.00	0.00
PBHL UTE TRIBAL 4-13-3-4WH									
13,980.37	92.86	180.00	9,228.00	-4,532.47	-832.99	4,608.38	0.00	0.00	0.00

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well UTE TRIBAL 4-13-3-4WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5670.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5670.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-13-3-4WH	**North Reference:**	True
Well:	UTE TRIBAL 4-13-3-4WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	UTE TRIBAL 4-13-3-4WH		
Design:	Design #1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL UTE TRIBAL 4- - plan hits target center - Point	0.00	0.00	9,228.00	-4,532.47	-832.99	7,249,554.73	1,977,947.53	40° 12' 56.317 N	110° 17' 28.648 W

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
10,069.35	9,425.22	7"	7	8-3/4

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
8,920.20	8,920.20	0.00	0.00	Start Build 11.00
9,764.35	9,440.42	-447.94	-313.65	Start 305.00 hold at 9764.35 MD
10,069.35	9,425.22	-697.47	-488.37	Start DLS 3.00 TFO -89.09
11,234.44	9,365.21	-1,789.97	-832.87	Start 2745.93 hold at 11234.44 MD
13,980.37	9,228.00	-4,532.47	-832.99	TD at 13980.37

RECEIVED: July 09, 2012

AFFIDAVIT OF SURFACE OWNERSHIP AND SURFACE USE

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

1. My name is Laura Smith. I am a Landman for Newfield RMI LLC ("Newfield RMI"), whose address is 1001 17th Street, Suite 2000, Denver, CO 80202.

2. Pursuant to that certain Special Warranty Deed dated June 20, 2012 from Alpine Partners, a Utah General Partnership, to Newfield RMI, recorded in Book A649, Page 533, and Document # 446789 of the official records of Duchesne County, Utah. Newfield RMI is the surface owner of the lands described on the attached Exhibit "B".

3. Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202, is the Operator of the proposed wells listed on Exhibit "A".

4. Newfield Production Company has the right to construct and operate the necessary easements, rights-of-way, drillsites and wells that are located on the lands described on the attached Exhibit "B".

FURTHER AFFIANT SAYETH NOT.

Laura Smith, Landman

ACKNOWLEDGEMENT

STATE OF COLORADO §
CITY AND §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 27th day of June, 2012, personally appeared Laura Smith, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires:

PETER BURNS
NOTARY PUBLIC
STATE OF COLORADO
My Commission Expires 8/09/2015

Exhibit "A"

Attached to and made a part of that certain Affidavit of Surface Ownership and Surface Use dated this 27th day of June, 2012.

The Wells included in the Affidavit of Surface Ownership and Surface Use are further described as follows:

Legrand 14-32-2-3W
Drillsite located in the SESW of Section 32, Township 2 South, Range 3 West, Duchesne County, Utah.

Holgate 11-5-3-3W
Drillsite located in the NESW of Section 5, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 1-13-3-4WH
Drillsite located in the SWSE of Section 12, Township 3 South, Range 4 West, with a wellbore point of entry in the NENE of Section 13, Township 3 South, Range 4 West and a bottom hole location in the SESE of Section 13, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 2-5-3-3WH
Drillsite located in both the SWSE of Section 32, Township 2 South, Range 3 West and the NWNE of Section 5, Township 3 South, Range 3 West, with a bottom hole location in the SWSE of Section 5, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 4-13-3-4WH
Drillsite located in both the SESW of Section 12, Township 3 South, Range 4 West and the NENW of Section 13, Township 3 South, Range 4 West, with a well bore point of entry in the NWNW of Section 13, Township 3 South, Range 4 West and a bottom hole location in the SWSW of Section 13, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 7-12-3-4W
Drillsite located in the SWNE of Section 12, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 7-13-3-4W
Drillsite located in the SWNE of Section 13, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 7-18-3-3W
Drillsite located in the SWNE of Section 18, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 14-12-3-4W
Drillsite located in the SESW of Section 12, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 14-18-3-3W
Drillsite located in the SESW of Section 18, Township 3 South, Range 3 West, Duchesne County, Utah.

Exhibit "B"

Attached to and made a part of that certain Affidavit of Surface Ownership and Surface Use dated this 27th day of June, 2012.

The Lands included in the Affidavit of Surface Ownership are further described as follows:

The "Lands"

Township 2 South, Range 3 West (980.00 acres)
Section 29: S½SW, NESW
Section 31: S½, S½NE
Section 32: W½, SWNE, W½SE, S½SESE

Township 2 South, Range 4 West (740.00 acres)
Section 34: S½SESW, SE
Section 35: S½, NE
Section 36: S½SW

Township 3 South, Range 3 West (2,277.87 acres)
Section 5: N½NE, NW, N½SW, SWSW, W½SESW
Section 6: All
Section 7: All
Section 8: W½W½SW, N½NW, Beginning at the West quarter corner of said Section 8; thence North 0°38'46" West 1,318.41 feet to the Northwest corner of the South half of the Northwest quarter; thence North 88°13'17" East 2,650.54 feet, to the Northeast quarter of the South half of the Northwest quarter; thence South 0°55'29" East 662.49 feet, to the Southeast corner of the Northeast quarter of the Southeast quarter of the Northwest quarter; thence North 85°22' West 1,871.00 feet; thence South 11°25' West 605.62 feet; thence South 0°41'34" East 276.77 feet to the Southeast corner of the Southwest quarter of the Southwest quarter of the Northwest quarter; thence South 88°21'56" West 664.21 feet, to the point of beginning.
Section 17: N½NWNW, SWNWNW
Section 18: NENW, NE, E½SE, E½SW, E½NWSW, S½NW

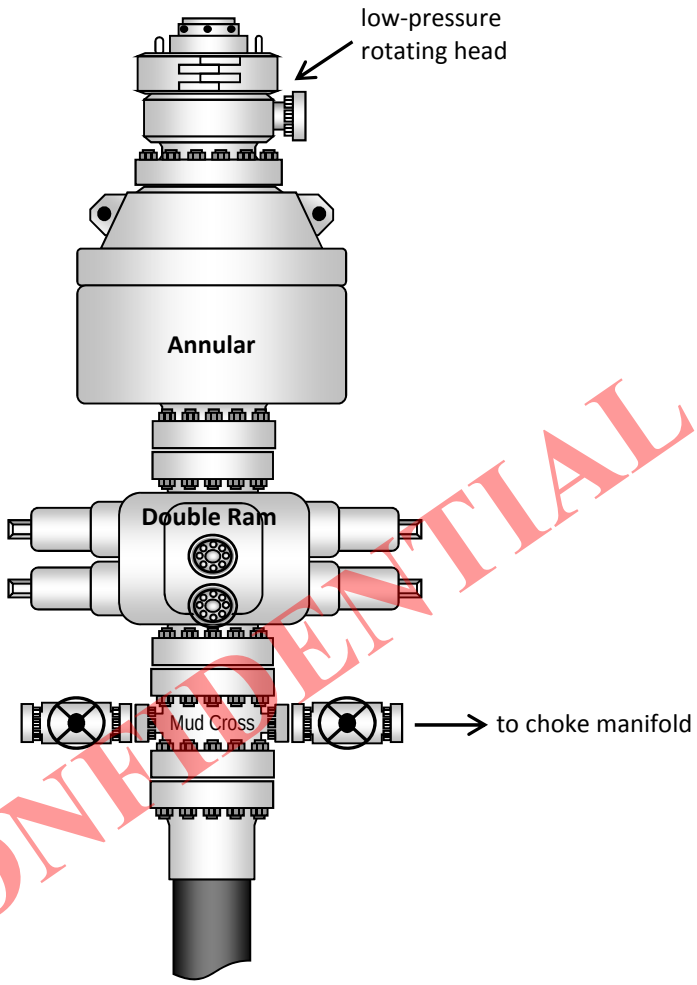
Township 3 South, Range 4 West (2,680.36 acres)
Section 1: N½N½, SENW, S½NE, SE, SESW
Section 2: All
Section 3: N½N½, SENW, S½NE, NWSE, N½NESE
Section 11: N½NW, NE, SENW
Section 12: All
Section 13: N½

LESS AND EXCEPT that certain tract of land referred to as the "Oil Pond" consisting of approximately 24.17 acres m/l, and further described as follows:

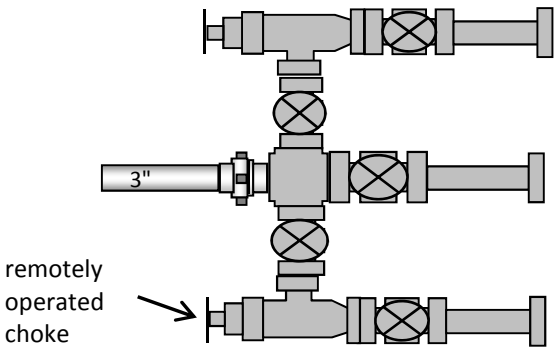
Commencing at the Southeast corner of Section 7, Township 3 South, Range 3 West of the Uintah Special Base and Meridian; thence North 0°36'34"West 1724.05 feet along the East line of said section; thence West 159.51 feet to the True point of beginning; thence running South 8°57'49" West 758.59 feet; thence South 87°13'57" West 479.90 feet; thence North 48°33'06" West 398.50 feet; thence South 82°50'37" West 321.82 feet; thence North 49°00'01" West 358.70 feet; thence North 49°50'42" East 306.66 feet; thence North 45°33'40" East 727.75 feet; thence South 61°36'00" East 830.71 feet to the True point of beginning.

Covering approximately 6,678.23 acres of land, more or less, in Duchesne County, Utah.

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



RECEIVED: July 09, 2012

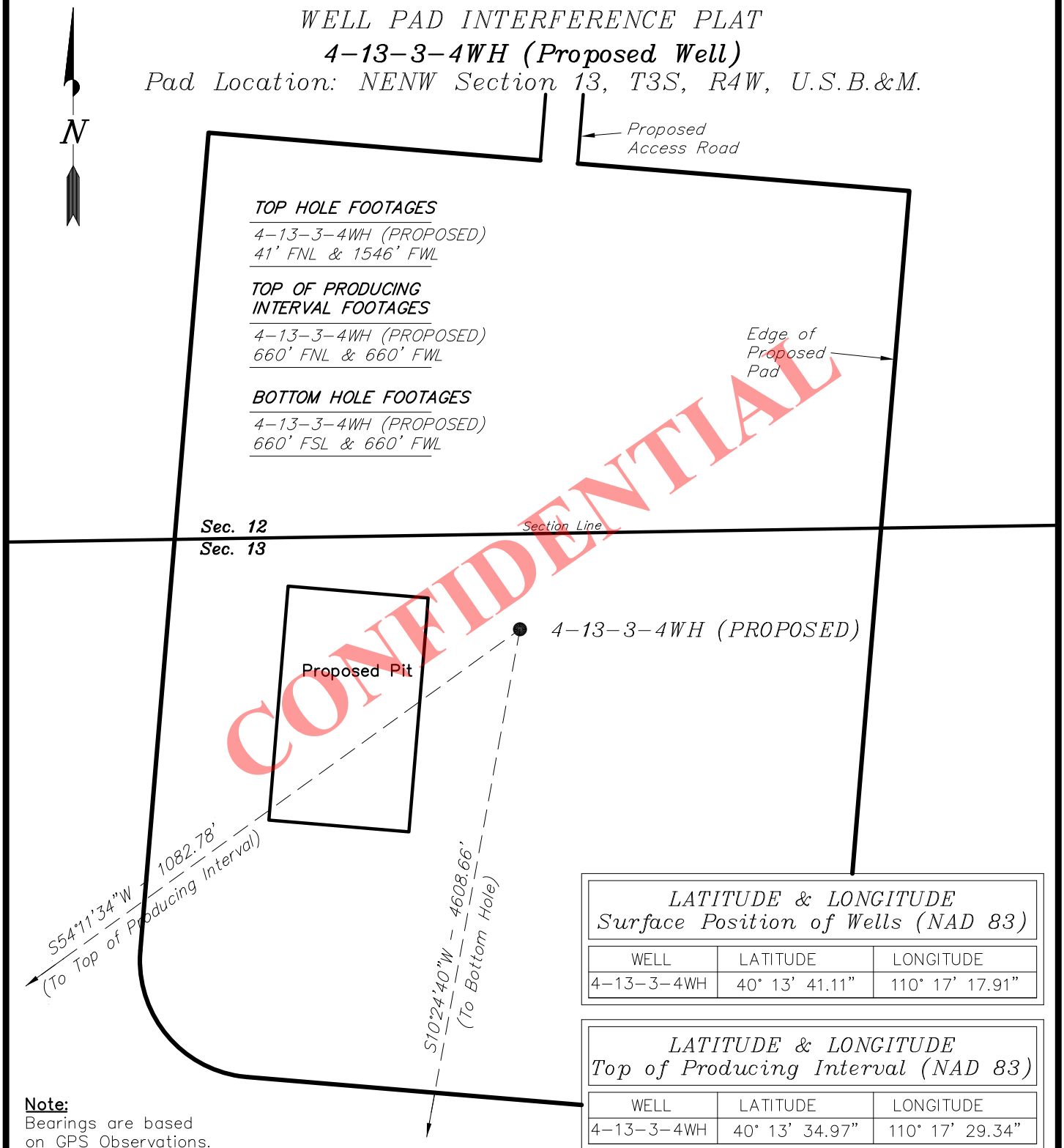
API Well Number: 43013515470000

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

4-13-3-4WH (Proposed Well)

Pad Location: NENW Section 13, T3S, R4W, U.S.B.&M.



Note:
Bearings are based on GPS Observations.

LATITUDE & LONGITUDE
Surface Position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
4-13-3-4WH	40° 13' 41.11"	110° 17' 17.91"

LATITUDE & LONGITUDE
Top of Producing Interval (NAD 83)

WELL	LATITUDE	LONGITUDE
4-13-3-4WH	40° 13' 34.97"	110° 17' 29.34"

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
4-13-3-4WH	-4,533'	-833'

LATITUDE & LONGITUDE
Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
4-13-3-4WH	40° 12' 56.44"	110° 17' 29.44"

SURVEYED BY: C.S.	DATE SURVEYED: 04-06-12	VERSION: V5
DRAWN BY: R.B.T.	DATE DRAWN: 04-18-12	
SCALE: 1" = 60'	REVISED: M.W. 11-20-12	

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

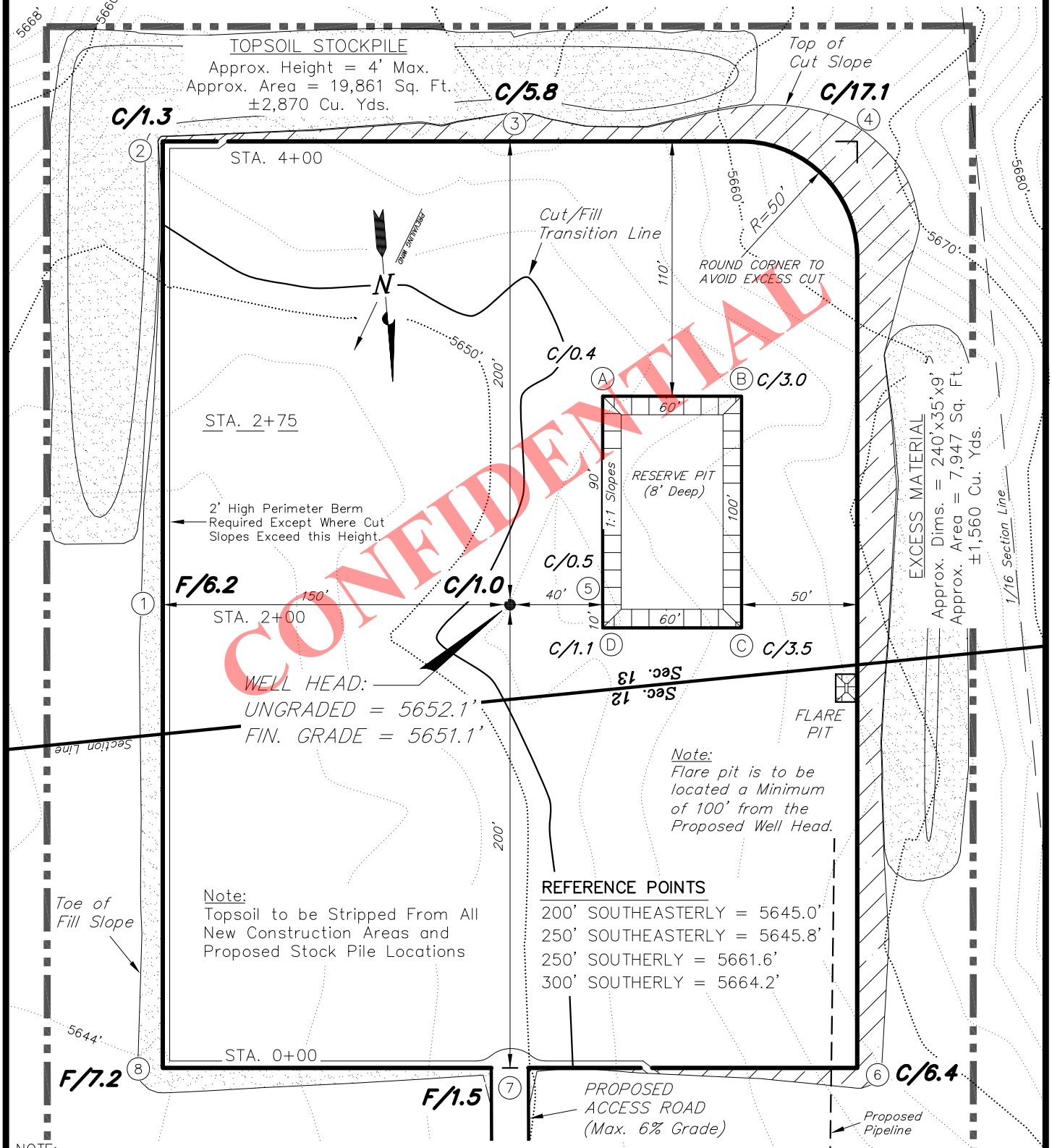
RECEIVED: July 09, 2012

NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

4-13-3-4WH

Pad Location: NENW Section 13, T3S, R4W, U.S.B.&M.



NOTE:
The topsoil & excess material areas are calculated as being mounds containing 4,430 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY: C.S.	DATE SURVEYED: 04-06-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: R.B.T.	DATE DRAWN: 04-18-12	V5	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: M.W. 11-20-12		

RECEIVED: July 09, 2012

NEWFIELD EXPLORATION COMPANY

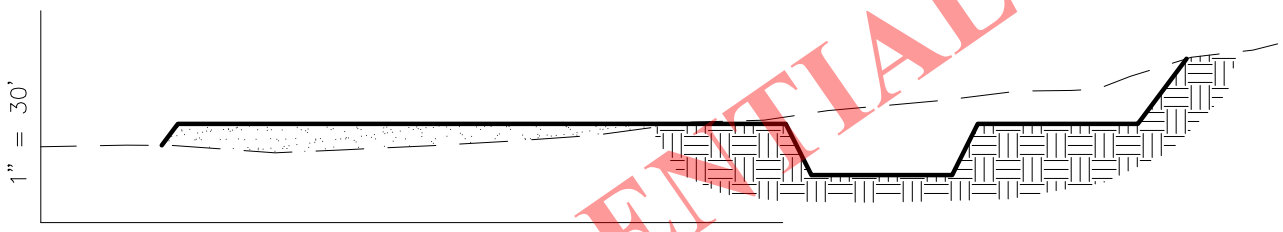
CROSS SECTIONS

4-13-3-4WH

Pad Location: NENW Section 13, T3S, R4W, U.S.B.&M.

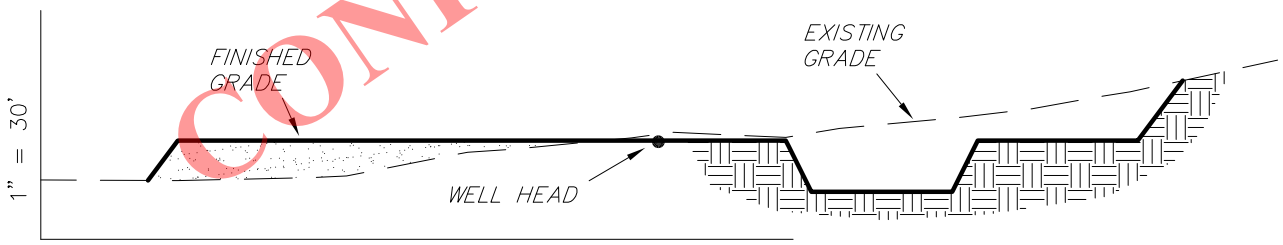
1" = 60'

STA. 4+00



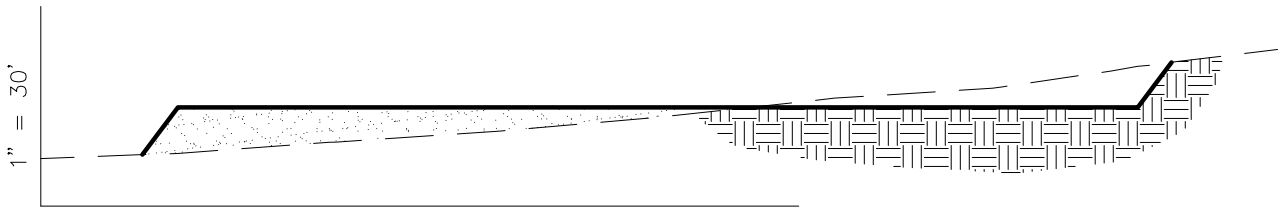
1" = 60'

STA. 2+75



1" = 60'

STA. 2+00



1" = 60'

STA. 0+00

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	8,750	8,750	Topsoil is not included in Pad Cut Volume	0
PIT	1,420	0		1,420
TOTALS	10,170	8,750	2,610	1,420

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

SURVEYED BY: C.S.	DATE SURVEYED: 04-06-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 04-18-12	V5
SCALE: 1" = 60'	REVISED: M.W. 11-20-12	

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

RECEIVED: July 09, 2012

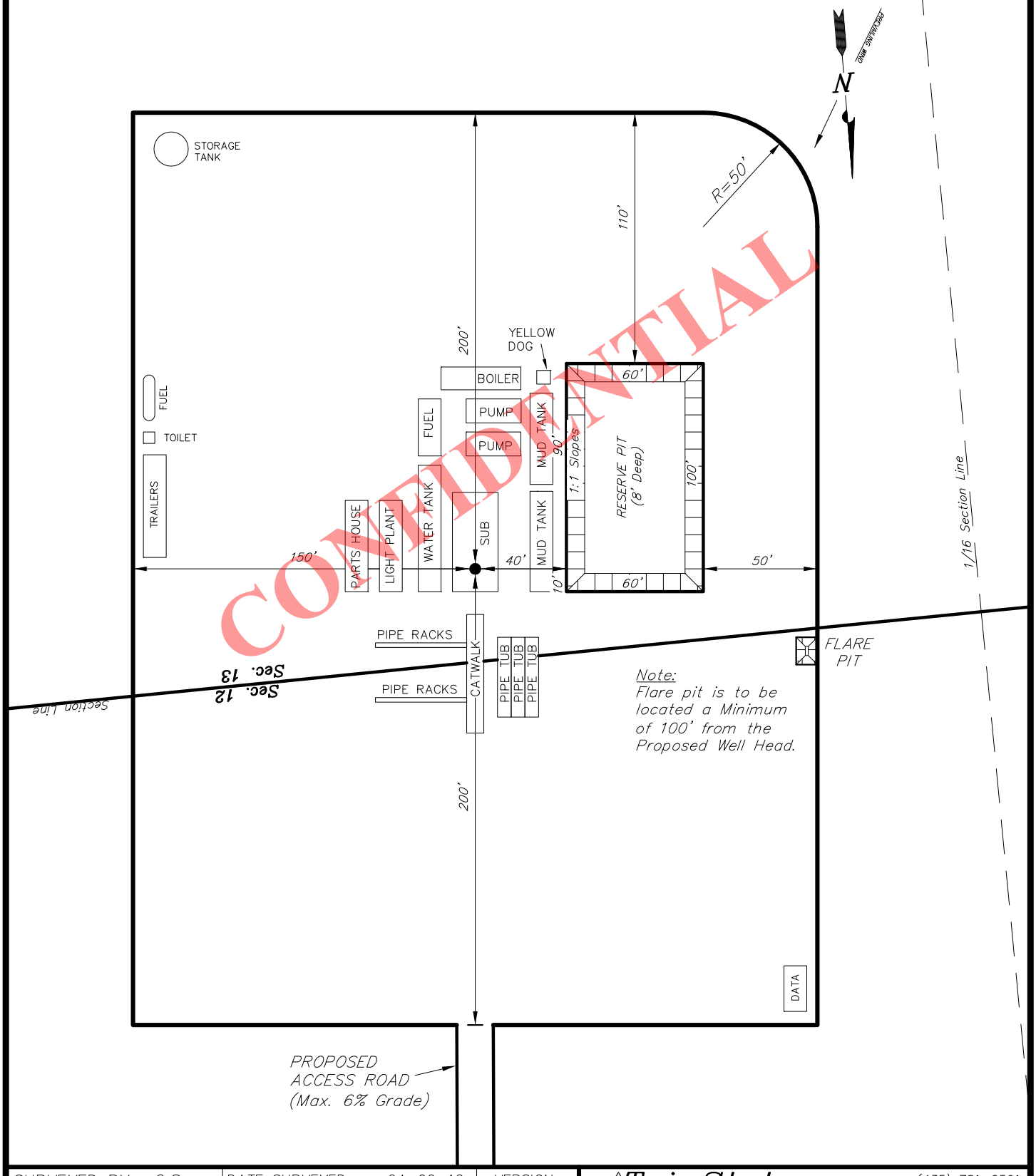
API Well Number: 43013515470000

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

4-13-3-4WH

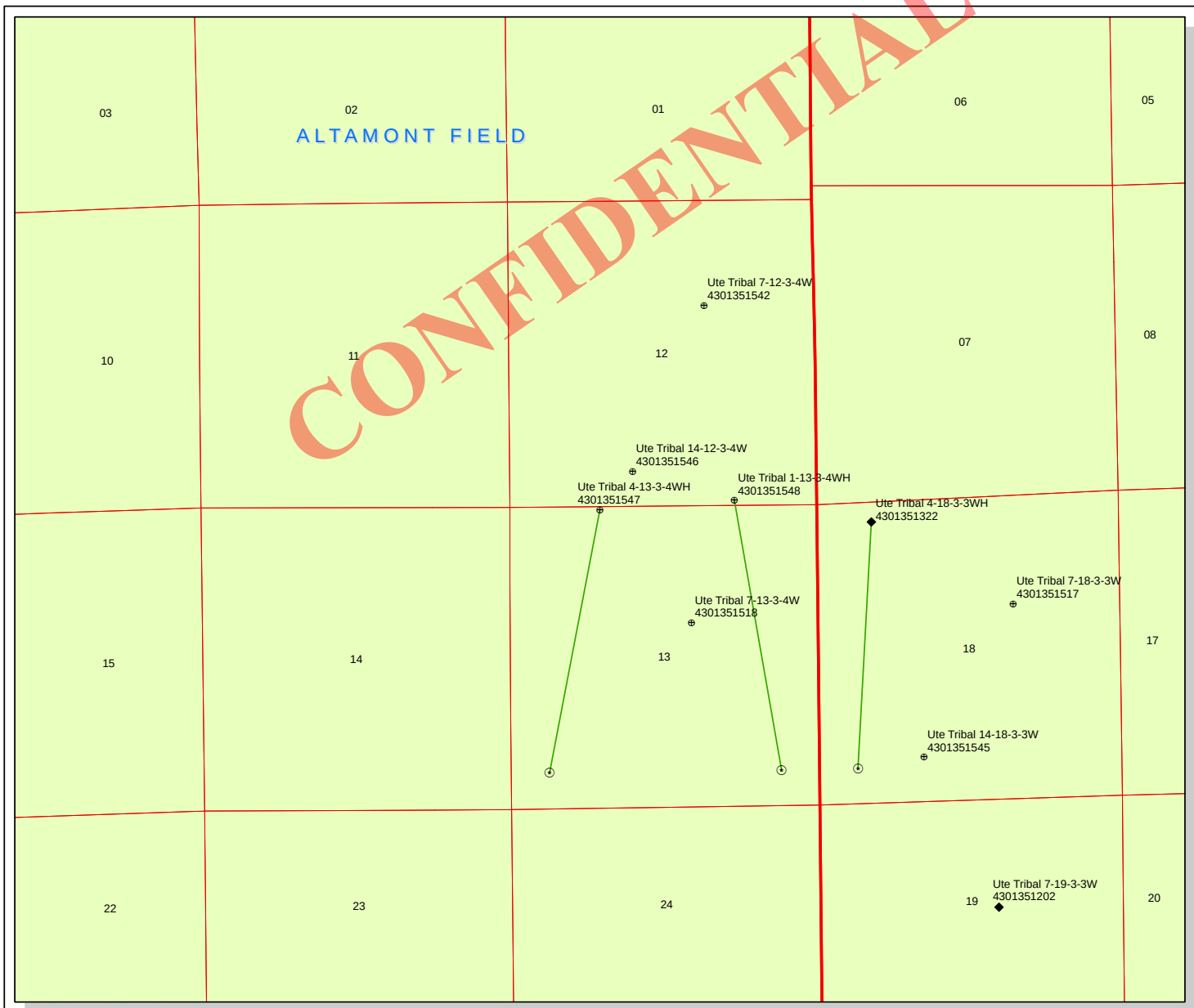
Pad Location: NENW Section 13, T3S, R4W, U.S.B.&M.



SURVEYED BY: C.S.	DATE SURVEYED: 04-06-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: R.B.T.	DATE DRAWN: 04-18-12	V5	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: M.W. 11-20-12		

RECEIVED: July 09, 2012

API Well Number: 43013515470000



API Number: 4301351547

Well Name: Ute Tribal 4-13-3-4WH

Township T03.0S Range R04.0W Section 13

Meridian: UBM

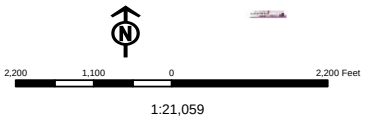
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well
Bottom Hole Location - OilGasDb



1:21,059

RECEIVED: July 19, 2012

NEWFIELD
ROCKY MOUNTAINS

August 21, 2012

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

RE: **Ute Tribal 4-13-3-4WH**
Section 13, T3S, R4W
Duchesne County, Utah

Dear Mr. Hill,

Newfield Production Company ("Newfield") proposes to drill the Ute Tribal 4-13-3-4WH from a surface location of 41' FNL & 1564' FWL of Section 13, T3S, R4W. Newfield shall case and cement the Ute Tribal 4-13-3-4WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL & 660' FWL of Section 13, T3S, R4W. The cased and cemented portion of the wellbore shall not be perforated nor produced. Newfield and its partners own 100% working interest in the northern offset drilling and spacing unit (Section 12, T3S-R4W) in which Newfield is the operator of the proposed Ute Tribal 7-12-3-4W scheduled to spud December of 2012. 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.

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

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-685-8025 or by email at jdembeck@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

Jessica K. Dembeck
Land Associate

1001 17th Street, Suite 2000 Denver, CO 80202 (303) 893-0102 Fax (303) 893-0103

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Ute Tribal 4-13-3-4WH
API Number 43013515470000 **APD No** 6365 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 NENW **Sec** 13 **Tw** 3.0S **Rng** 4.0W 41 FNL 1546 FWL
GPS Coord (UTM) 560545 4453317 **Surface Owner** Newfiled RMI LLC

Participants

T. Eaton, J. Pippy - Newfield; D. Petty - TriState

Regional/Local Setting & Topography

Surface Use Plan

Current Surface Use
Grazing

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.2481	**Width** 300 **Length** 400	Offsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands Y
major drainages through pad in multiple locations

Flora / Fauna
high desert shrubland ecosystem Identified or expected vegetation consists of black sagebrush, shadscale, Atriplex spp., mustard spp, rabbit brush, horsebrush, broom snakeweed, Opuntia spp and spring annuals.
Dominant vegetation;
Galletta, shadscale and rabbit brush surround the proposed site.
Wildlife;
Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits, though none were observed.

Soil Type and Characteristics
very silty sands with rounded clasts forming a desert pavement

Erosion Issues Y
Soils are highly erodible and present a threat under heavy precipitation events

Sedimentation Issues Y

Site Stability Issues Y
drainages through pad and soil type put stability in question

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API Well Number: 43013515470000

Drainage Diverson Required? Y

site sits within a bowl feature and diversion may not be possible because pad sits at base of terrace

Berm Required? Y

Erosion Sedimentation Control Required? Y

while diversions may be possible(?) it is better to move the location North out of the drainage

Paleo Survey Run? Y **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	25 to 75	15	
Distance to Surface Water (feet)		20	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	55	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	8/10/2012
Evaluator	**Date / Time**

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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
6365	43013515470000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		**Surface Owner-APD**	Newfiled RMI LLC	
Well Name	Ute Tribal 4-13-3-4WH		**Unit**		
Field	UNDESIGNATED		**Type of Work**	DRILL	
Location	NENW 13 3S 4W U 41 FNL 1546 FWL GPS Coord (UTM) 560550E 4453312N				

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill — **APD Evaluator**

1/10/2013 — **Date / Time**

Surface Statement of Basis

Location as proposed is NOT in the best possible position nor within the spacing window. Well is planned as a horizontal well and will be perforated within the spacing allowed. The site was chosen so as not to cross section lines. The access road enters the pad from the North.

The soil type and topography at present do 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 but there are not provisions proposed for the diversion of the drainages present across multiple portions of the pad nor, does there appear to be adequate distance at the head to make an effective diversion.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The location was surveyed previously for cultural and paleontological resources and an ESA consultation was initiated as the operator saw fit. The Operator owns the surface and Its representative 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**

8/10/2012 — **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	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

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Surface	Measures (BMP's) shall be taken to protect steep slopes from erosion, sedimentation and stability issues.

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WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/9/2012 **API NO. ASSIGNED:** 43013515470000

WELL NAME: Ute Tribal 4-13-3-4WH

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NENW 13 030S 040W **Permit Tech Review:** ☑

SURFACE: 0041 FNL 1546 FWL **Engineering Review:** ☐

BOTTOM: 0660 FSL 0660 FWL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.22805 **LONGITUDE:** -110.28828

UTM SURF EASTINGS: 560550.00 **NORTHINGS:** 4453312.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-6388 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** INDIAN - RLB00100473
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

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
4 - Federal Approval - dmason
5 - Statement of Basis - bhill
27 - Other - bhill

RECEIVED: January 16, 2013

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: Ute Tribal 4-13-3-4WH
API Well Number: 43013515470000
Lease Number: 14-20-H62-6388
Surface Owner: FEE (PRIVATE)
Approval Date: 1/16/2013

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

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

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

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

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

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

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

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

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

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284
  (please leave a voicemail message if not available)
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov

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

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

Approved By:

For John Rogers
Associate Director, Oil & Gas

Sundry Number: 34142 API Well Number: 43013515470000

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6388

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: Ute Tribal 4-13-3-4WH

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013515470000

3. ADDRESS OF OPERATOR:
Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0041 FNL 1546 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 13 Township: 03.0S Range: 04.0W 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		
✓ NOTICE OF INTENT Approximate date work will start: 2/10/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Newfield Production Company respectfully requests approval to utilize oil-based mud for the drilling of this well. Attached please find an updated drilling plan for the option of oil-based mud.

Accepted by the Utah Division of Oil, Gas and Mining

Date: January 31, 2013

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent
SIGNATURE		**DATE**
N/A		1/25/2013

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Newfield Production Company
Ute Tribal 4-13-3-4WH
Surface Hole Location:41' FNL, 1546' FEL, Section 13, T3S, R4W
Bottom Hole Location: 660' FSL,660' FWL, Section 13, T3S, R4W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface	
Green River	4,120'	
Garden Gulch member	7,037'	
Wasatch	9,533'	
Pilot Hole TD	9,733'	
Lateral TD	9,228' TVD /	13,980' MD

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

Base of moderately saline	1,180'	(water)
Green River	7,037' - 9,228'	(oil)

Note: The pilot hole will be drilled into the Wasatch formation for evaluation and targeting purposes only. The lateral will be drilled in the Green River formation.

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
									--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	STC	8.33	8.33	14	3,520	2,020	394,000
									2.12	2.54	4.38
Intermediate 7	0'	9,425' 10,069'	26	P-110	BTC	11	11.5	15	9,960	6,210	853,000
									2.24	1.32	3.26
Production 4 1/2	8,870'	9,228' 13,980'	13.5	P-110	BTC	11	11.5	--	12,410	10,670	422,000
									2.85	2.32	6.12

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Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)
Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

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

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	720 / 204	15%	11.0	3.53
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180 / 154	15%	15.8	1.17
Pilot Hole Plug Back	8 3/4	813'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	390 / 315	15%	14.3	1.24
Intermediate Lead	8 3/4	6,037'	Premium Lite II w/ 3% KCl + 10% bentonite	1044 / 296	15%	11.0	3.53
Intermediate Tail	8 3/4	3,032'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	524 / 423	15%	14.3	1.24
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	-- / --	--	--	--

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

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

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

6. Type and Characteristics of Proposed Circulating Medium

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.

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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.

-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).

Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD 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 PBTD to the cement top behind the production 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 0.57 psi/ft gradient.

9,228' x 0.57 psi/ft = 5278 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

An 8-3/4" pilot hole will be drilled in order to determine the depth to the lateral target zone.
The pilot hole will be logged, and then plugged back in prepartion for horizontal operations.
Directional tools will then be used to build to 92.86 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

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If oil based mud (OBM) is used, all processed OBM drill cuttings would be removed from the well bore using a closed loop system. OBM cuttings would be dried and centrifuged and then temporarily stored within a lined pit that would be constructed inboard of the pad area. The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit, and a minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times. All OBM cuttings will be mechanically dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. Samples of the mechanically dried OBM cuttings will be taken for chemical analysis. The OBM cuttings will then be mixed with a chemical drying agent and the chemically dried OBM cuttings will be placed in a lined cuttings pit on the generating location that is separated from the water based cuttings. The pit will be of sufficient size to contain all cuttings generated in the drilling process. At this point, the chemically dried OBM cuttings are ready for the Firmus® construction process or the OBM cuttings may also be transported to a state approved disposal facility. If an oil based mud is not used, a conventional reserve pit will be utilized. The pit will be reclaimed using UDOGM and BLM approved procedures.

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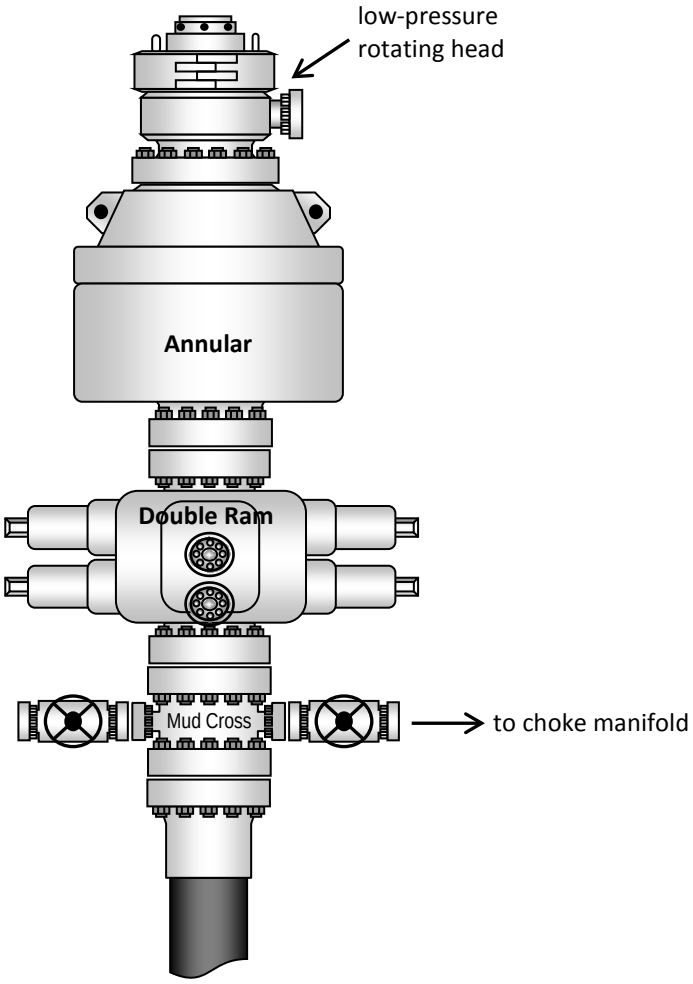
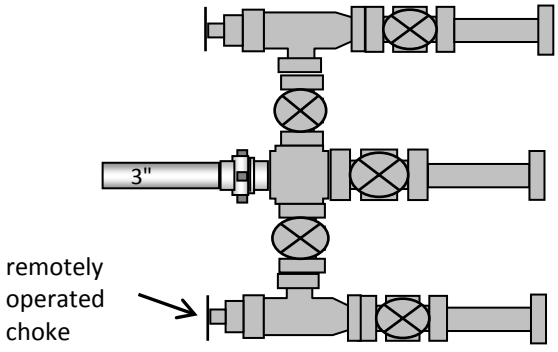
Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



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Form 3160-3
(August 2007)

RECEIVED
JUL 05 2012

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER CONFIDENTIAL	5. Lease Serial No. 1420H626388
	6. If Indian, Allottee or Tribe Name UINTAH AND OURAY
	7. If Unit or CA Agreement, Name and No.
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone	8. Lease Name and Well No. UTE TRIBAL 4-13-3-4WH
2. Name of Operator NEWFIELD EXPLORATION COMPANY Contact: DON S HAMILTON Email: starpoint@etv.net	9. API Well No. 43-013-51547
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-719-2018 Fx: 435-719-2019
	10. Field and Pool, or Exploratory NATURAL BUTTES
4. Location of Well *(Report location clearly and in accordance with any State requirements.*)* At surface NENW 41FNL 1546FWL 40.228086 N Lat, 110.288308 W Lon At proposed prod. zone SWSW 660FSL 660FWL	11. Sec., T., R., M., or Blk. and Survey or Area Sec 13 T3S R4W Mer UBM SME: FEE
14. Distance in miles and direction from nearest town or post office* 19.6 MILES NORTHWEST OF MYTON, UTAH	12. County or Parish DUCHESNE / 13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 41	16. No. of Acres in Lease 19034.57 / 17. Spacing Unit dedicated to this well 40.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 0	19. Proposed Depth 13980 MD 9228 TVD / 20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KB, RT, GL, etc. 5652 GL	22. Approximate date work will start 08/15/2012 / 23. Estimated duration 60 DAYS

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JAN 31 2013
DIV. OF OIL, GAS & MINING

24. Attachments

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

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

25. Signature (Electronic Submission)	Name (Printed/Typed) DON S HAMILTON Ph: 435-719-2018	Date 07/04/2012
Title PERMITTING AGENT		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date JAN 22 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

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

Additional Operator Remarks (see next page)

Electronic Submission #142214 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE ROBINSON on 07/10/2012 (12LBR0451AE)

NOTICE OF APPROVAL

UDOGM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**NENW, Sec. 13, T3S, R4W**
Well No:	**Ute Tribal 4-13-3-4WH**	**Lease No:**	**14-20-H62-6388**
API No:	**43-013-51547**	**Agreement:**	**Rocky Point EDA**

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to:blm_ut_vn_opreport@blm.gov.
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

CONDITIONS OF APPROVAL:

- Low bleed pneumatics will be installed on separator dump valves, and other controllers when feasible. The use of low bleed pneumatics would result in a lower emission of VOCs.

- Newfield will use lean burn, low NOX emitting compressor engines (i.e., less than 2 grams/hp hour).

- It is recommend that Newfield consult with the Utah Division of Wildlife Resources to minimize impacts to birds, particularly greater sage grouse, protected under the Migratory Bird Treaty Act and to ensure compliance with Federal and State laws protecting Migratory Birds.

- Newfield will not pump surface water from the Green River. Specifically, for Newfield's development, water collection wells will be connected to a centralized pumping station via underground waterlines. The water wells will be developed using conventional drilling methods. Each well will extend to a depth of approximately 100 feet below the surface.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Gamma Ray Log shall be run from Total Depth to Surface.
- Cement for surface casing shall be circulated to surface.
- Cement for intermediate casing shall be brought to 200 ft. above surface casing shoe.
- Variance Request
  - Variance for air drilling approved per APD.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in CD (compact disc) format to the Vernal BLM Field Office. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.

    - Well name and number.

    - Well location (¼¼, Sec., Twn, Rng, and P.M.).

    - Date well was placed in a producing status (date of first production for which royalty will be paid).

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6388

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:
Ute Tribal 4-13-3-4WH

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013515470000

3. ADDRESS OF OPERATOR:
Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0041 FNL 1546 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 13 Township: 03.0S Range: 04.0W 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		
✓ NOTICE OF INTENT Approximate date work will start: 3/15/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Newfield respectfully requests to amend the 7-inch casing set depth in the subject well. Originally NFX planned to run 7-inch into the Uteland Butte C formation which is the horizontal target. As a result of shale instability in the Uteland Butte formation, NFX requests to set the 7-inch casing at the top of the Uteland Butte formation at 63 degrees in the curve. This shortens the 7-inch casing set depth by 627 feet MD from 10069 feet to 9442 feet. Also a new directional plan is attached that shows a new well plan to accommodate the reduced setback of 330 feet from the north section line.

Approved by the Utah Division of Oil, Gas and Mining

Date: March 26, 2013

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent
SIGNATURE		**DATE**
N/A		3/7/2013

RECEIVED: Mar. 07, 2013

Crescent Point
ENERGY U.S. CORP.

555 17th Street, Suite 750
Denver, CO 80202

February 19, 2013

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

RE: Ute Tribal 4-13-3-4WH
Section 13, Township 3 South, Range 4 West,
Duchesne County, Utah

Dear Mr. Hill;

Newfield Production Company ("Newfield") has advised Crescent Point Energy U.S. Corp. ("Crescent Point") of its need to obtain an exception location for its Ute Tribal 4-13-3-4WH, as the surface hole location of the well, as well as a portion of the wellbore that will be perforated and produced, is less than 660' FNL of Section 13, T3S, R4W, and is therefore not in compliance with the applicable spacing rules. Newfield has advised Crescent Point it is proposing a reduced setback for the Ute Tribal 4-13-3-4WH to offset the reduced setback of 330'from section line in the northern offset drilling and spacing unit (Section 12, T3S R4W), as provided for under Order No. 139-98.

Please be advised that Crescent Point, as the owner of a 30% working interest in the northern offset drilling and spacing unit (Section 12, T3S, R4W), consents to and has no objections to Newfield's exception location request for the well. Should you have any questions, please contact me at (720) 420-3239.

Sincerely,

David Eckelberger
Landman

NEWFIELD

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

February 25, 2013

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

RE: Ute Tribal 4-13-3-4WH
Township 3 South Range 4 West, Section 13
Duchesne County, Utah

Dear Mr. Hill;

By the attached Sundry Notice, Newfield Production Company ("Newfield") proposes to drill the Ute Tribal 4-13-3-4WH from a surface location of 41' FNL and 1546' FWL of Section 13, T3S R4W to a bottom hole location of 660' FSL and 660'FWL of Section 13, T3S R4W. The producing portion of this wellbore will begin at 330' FNL and 660' FWL. The location of the Ute Tribal 4-13-3-4WH is not compliant with Order No. 139-90, which calls for 660' setbacks from all section lines, and is therefore an exception location.

Newfield respectfully requests this exception location be granted on the grounds that the northern offset drilling and spacing unit, 3S 4W Section 7, is under Order No. 139-90, which allows for 330' setbacks from the section line. Newfield and its partner, Crescent Point Energy U.S. Corp., own 100% of the leasehold in 3S 4W Section 7, and both consent to Newfield's request to decrease the setback for the Ute Tribal 4-13-3-4WH to 330' from north line. A copy of Crescent Point's letter of consent is attached. In addition, the portion of the wellbore that is outside of the requested 330' setback will be cased and cemented and will not be perforated nor produced.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com . Your consideration of this matter is greatly appreciated.

Sincerely,

Roxann Eveland

Roxann Eveland
Landman

Newfield Production Company
Ute Tribal 4-13-3-4WH
Surface Hole Location:41' FNL, 1546' FEL, Section 13, T3S, R4W
Bottom Hole Location: 660' FSL,660' FWL, Section 13, T3S, R4W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	4,463'
Garden Gulch member	6,860'
Wasatch	9,403'
Lateral TD	9,096' TVD / 14,183' MD

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

Base of moderately saline	1,151'	(water)
Green River	6,860' - 9,096'	(oil)

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor	0'	60'	37	H-40	Weld	--	--	--	--	--	--
14									--	--	--
Surface	0'	2,500'	36	J-55	STC	8.33	8.33	14	3,520	2,020	394,000
9 5/8									2.12	2.54	4.38
Intermediate	0'	9,251'	26	P-110	BTC	11	11.5	15	9,960	6,210	853,000
7		9,442'							2.28	1.35	3.47
Production	8,805'	9,096'	13.5	P-110	BTC	11	11.5	--	12,410	10,670	422,000
4 1/2		14,183'							2.89	2.36	5.81

Assumptions:

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

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Intermediate casing MASP = (reservoir pressure) - (gas gradient)
Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

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

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	720 / 204	15%	11.0	3.53
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180 / 154	15%	15.8	1.17
Pilot Hole Plug Back	8 3/4	813'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	390 / 315	15%	14.3	1.24
Intermediate Lead	8 3/4	5,860'	Premium Lite II w/ 3% KCl + 10% bentonite	1013 / 287	15%	11.0	3.53
Intermediate Tail	8 3/4	2,582'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	446 / 360	15%	14.3	1.24
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	-- / --	--	--	--

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

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

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

6. Type and Characteristics of Proposed Circulating Medium

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

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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).

Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD 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 PBTD to the cement top behind the production 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 0.57 psi/ft gradient.

9,096' x 0.57 psi/ft = 5203 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

7" casing will be set at the top of the Uteland Butte formation at approximately 63 degrees in the curve. A 6-1/8" drilling assembly will be used to drill out the 7" shoe and land the curve in the Uteland Butte C Directional tools will then be used to build to 92.83 degrees inclination.

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

  If oil based mud (OBM) is used, all processed OBM drill cuttings would be removed from the well bore using a closed loop system. OBM cuttings would be dried and centrifuged and then

temporarily stored within a lined pit that would be constructed inboard of the pad area. The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit, and a minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times. All OBM cuttings will be mechanically dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. Samples of the mechanically dried OBM cuttings will be taken for chemical analysis. The OBM cuttings will then be mixed with a chemical drying agent and the chemically dried OBM cuttings will be placed in a lined cuttings pit on the generating location that is separated from the water based cuttings. The pit will be of sufficient size to contain all cuttings generated in the drilling process. At this point, the chemically dried OBM cuttings are ready for the Firmus® construction process or the OBM cuttings may also be transported to a state approved disposal facility. If an oil based mud is not used, a conventional reserve pit will be utilized. The pit will be reclaimed using UDOGM and BLM approved procedures.

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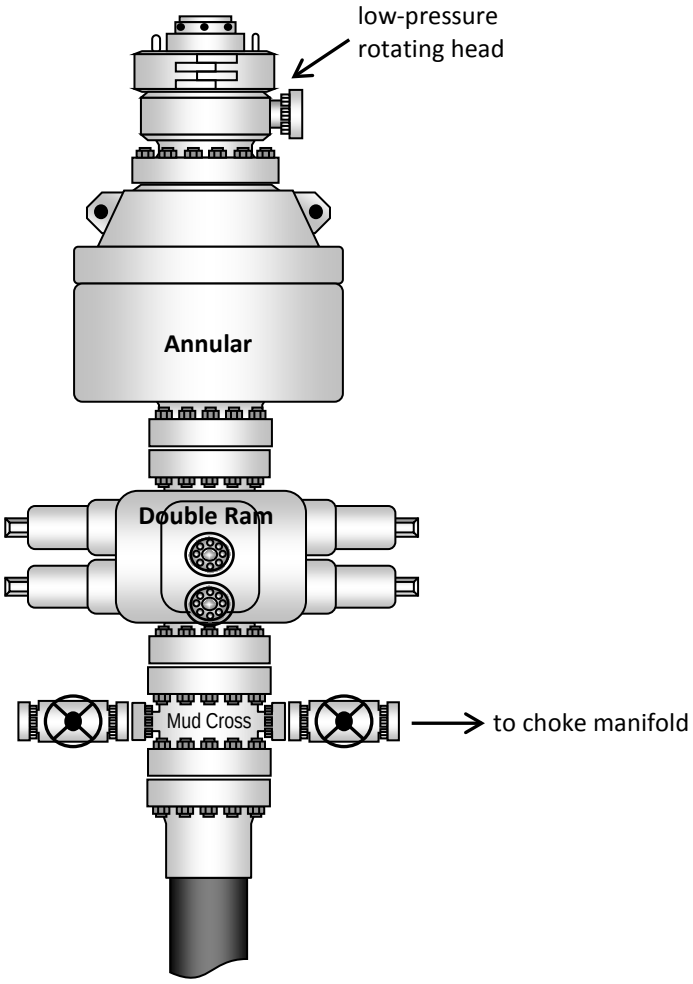
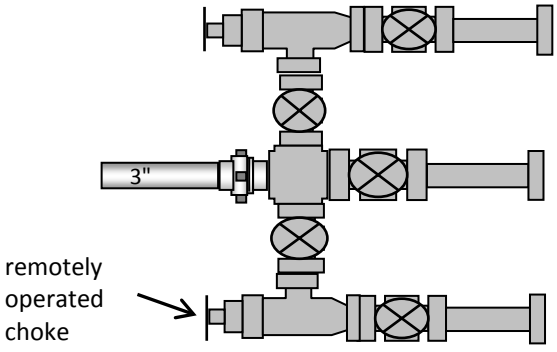
Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



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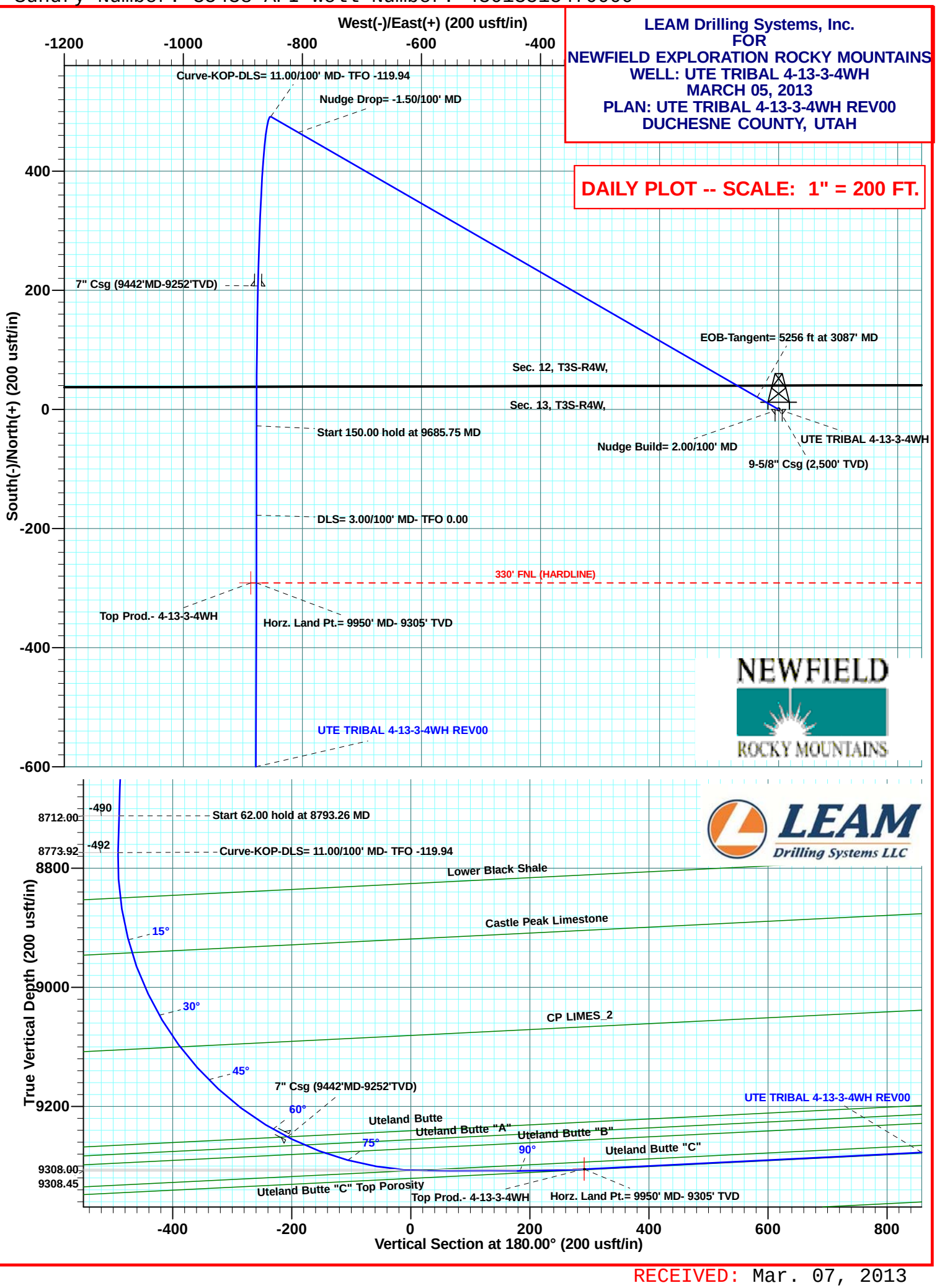
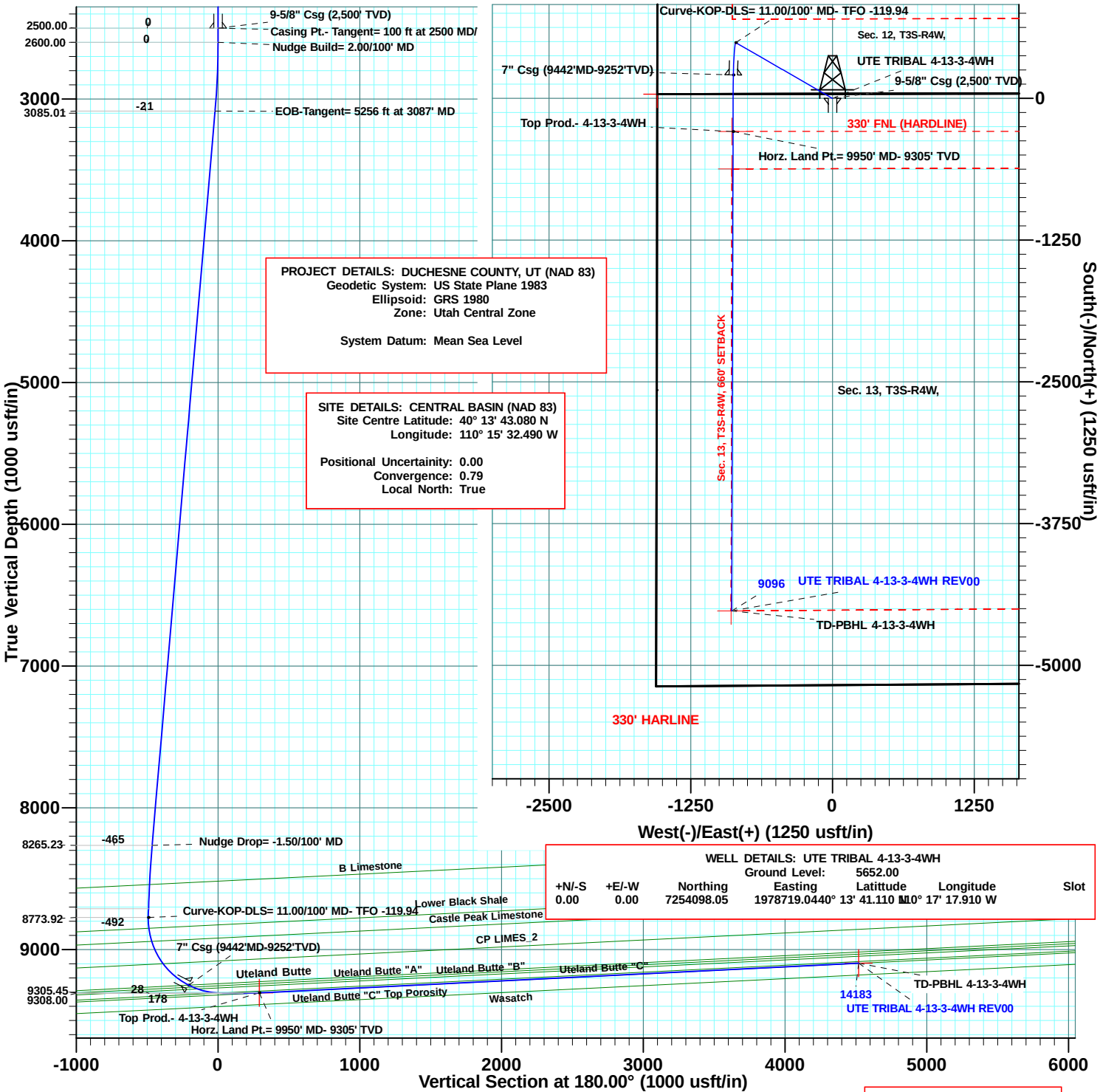

LEAM Drilling Systems, Inc.
FOR
NEWFIELD EXPLORATION ROCKY MOUNTAINS
WELL: UTE TRIBAL 4-13-3-4WH
MARCH 05, 2013
PLAN: UTE TRIBAL 4-13-3-4WH REV00
DUCHESNE COUNTY, UTAH
DAILY PLOT -- SCALE: 1" = 200 FT.
West(-)/East(+) (200 usft/in)
South(-)/North(+) (200 usft/in)
Curve-KOP-DLS= 11.00/100' MD- TFO -119.94
Nudge Drop= -1.50/100' MD
7" Csg (9442'MD-9252'TVD)
EOB-Tangent= 5256 ft at 3087' MD
Sec. 12, T3S-R4W,
Sec. 13, T3S-R4W,
Start 150.00 hold at 9685.75 MD
Nudge Build= 2.00/100' MD
UTE TRIBAL 4-13-3-4WH
9-5/8" Csg (2,500' TVD)
DLS= 3.00/100' MD- TFO 0.00
330' FNL (HARDLINE)
Top Prod.- 4-13-3-4WH
Horz. Land Pt.= 9950' MD- 9305' TVD
UTE TRIBAL 4-13-3-4WH REV00
NEWFIELD
ROCKY MOUNTAINS
LEAM
Drilling Systems LLC
Start 62.00 hold at 8793.26 MD
Curve-KOP-DLS= 11.00/100' MD- TFO -119.94
Lower Black Shale
Castle Peak Limestone
CP LIMES_2
15°
30°
45°
60°
75°
90°
7" Csg (9442'MD-9252'TVD)
Uteland Butte
Uteland Butte "A"
Uteland Butte "B"
Uteland Butte "C"
Uteland Butte "C" Top Porosity
Top Prod.- 4-13-3-4WH
Horz. Land Pt.= 9950' MD- 9305' TVD
UTE TRIBAL 4-13-3-4WH REV00
True Vertical Depth (200 usft/in)
Vertical Section at 180.00° (200 usft/in)

LEAM Drilling Systems, Inc.
FOR
NEWFIELD EXPLORATION ROCKY MOUNTAINS
WELL: UTE TRIBAL 4-13-3-4WH
MARCH 05, 2013
PLAN: UTE TRIBAL 4-13-3-4WH REV00
DUCHESNE COUNTY, UTAH



WELL DETAILS: UTE TRIBAL 4-13-3-4WH
Ground Level: 5652.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7254098.05	1978719.04	40° 13' 41.110 N	110° 17' 17.910 W	

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
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	
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	
3087.36	9.75	299.96	3085.01	20.65	-35.83	2.00	299.96	-20.65	
8343.45	9.75	299.96	8265.23	465.08	-806.76	0.00	0.00	-465.08	
8793.26	3.00	299.96	8712.00	490.00	-850.00	1.50	180.00	-490.00	
8855.26	3.00	299.96	8773.92	491.62	-852.81	0.00	0.00	-491.62	
9685.75	89.83	180.00	9308.00	-27.67	-876.99	11.00	-119.94	27.67	
9835.75	89.83	180.00	9308.45	-177.67	-876.99	0.00	0.00	177.67	
9935.87	92.83	180.15	9306.12	-277.76	-877.12	3.00	2.86	277.76	
9949.52	92.83	180.15	9305.45	-291.39	-877.16	0.00	0.00	291.39	Top Prod.- 4-13-3-4WH
14183.29	92.83	180.15	9096.41	-4519.98	-888.23	0.00	0.00	4519.98	TD-PBHL 4-13-3-4WH

Azimuths to True North
Magnetic North: 11.21°

Magnetic Field
Strength: 52164.2snT
Dip Angle: 65.86°
Date: 3/15/2013
Model: IGRF2010

Plan: UTE TRIBAL 4-13-3-4WH REV00 (UTE TRIBAL 4-13-3-4WH/4-13-3-4WH)
Created By: Chad Dubois Date: 17:10, March 05 2013

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____

LEAM Drilling Systems LLC

Planning Report

LEAM Drilling Systems LLC

Database:	EDM 5000.1 Lynn Db	**Local Co-ordinate Reference:**	Well UTE TRIBAL 4-13-3-4WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	**TVD Reference:**	WELL(5652'+18'= 5670'MSL) @ 5670.00usft (Pioneer 62 (KB=18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	**MD Reference:**	WELL(5652'+18'= 5670'MSL) @ 5670.00usft (Pioneer 62 (KB=18'))
Site:	CENTRAL BASIN (NAD 83)	**North Reference:**	True
Well:	UTE TRIBAL 4-13-3-4WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	4-13-3-4WH		
Design:	UTE TRIBAL 4-13-3-4WH REV00		

Project DUCHESNE COUNTY, UT (NAD 83),

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site CENTRAL BASIN (NAD 83)

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

Well UTE TRIBAL 4-13-3-4WH

Well Position	**+N/-S**	-198.01 usft	**Northing:**	7,254,098.05 usft	**Latitude:**	40° 13' 41.110 N
	+E/-W	-8,176.11 usft	**Easting:**	1,978,719.05 usft	**Longitude:**	110° 17' 17.910 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	5,670.00 usft	**Ground Level:**	5,652.00 usft

Wellbore 4-13-3-4WH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/15/2013	11.21	65.86	52,164

Design UTE TRIBAL 4-13-3-4WH REV00

Audit Notes:

Version:	REV00	**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	180.00

Plan Sections

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	
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,087.36	9.75	299.96	3,085.01	20.65	-35.83	2.00	2.00	0.00	299.96	
8,343.45	9.75	299.96	8,265.23	465.08	-806.76	0.00	0.00	0.00	0.00	
8,793.26	3.00	299.96	8,712.00	490.00	-850.00	1.50	-1.50	0.00	180.00	
8,855.26	3.00	299.96	8,773.92	491.62	-852.81	0.00	0.00	0.00	0.00	
9,685.75	89.83	180.00	9,308.00	-27.67	-876.99	11.00	10.46	-14.44	-119.94	
9,835.75	89.83	180.00	9,308.45	-177.67	-876.99	0.00	0.00	0.00	0.00	
9,935.87	92.83	180.15	9,306.12	-277.76	-877.12	3.00	3.00	0.15	2.86	
9,949.52	92.83	180.15	9,305.45	-291.39	-877.16	0.00	0.00	0.00	0.00	Top Prod.- 4-13-3-4
14,183.29	92.83	180.15	9,096.42	-4,519.98	-888.23	0.00	0.00	0.00	0.00	TD-PBHL 4-13-3-4\

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Site:	CENTRAL BASIN (NAD 83)	**North Reference:**	True
Well:	UTE TRIBAL 4-13-3-4WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	4-13-3-4WH		
Design:	UTE TRIBAL 4-13-3-4WH REV00		

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
Casing Pt.- Tangent= 100 ft at 2500 MD/TVD - 9-5/8" Csg (2,500' TVD)									
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
Nudge Build= 2.00/100' MD									
2,700.00	2.00	299.96	2,699.98	0.87	-1.51	-0.87	2.00	2.00	0.00
2,800.00	4.00	299.96	2,799.84	3.49	-6.05	-3.49	2.00	2.00	0.00
2,900.00	6.00	299.96	2,899.45	7.84	-13.60	-7.84	2.00	2.00	0.00
3,000.00	8.00	299.96	2,998.70	13.92	-24.15	-13.92	2.00	2.00	0.00
3,087.36	9.75	299.96	3,085.01	20.65	-35.83	-20.65	2.00	2.00	0.00
EOB-Tangent= 5256 ft at 3087' MD									
3,100.00	9.75	299.96	3,097.47	21.72	-37.68	-21.72	0.00	0.00	0.00
3,200.00	9.75	299.96	3,196.03	30.18	-52.35	-30.18	0.00	0.00	0.00
3,300.00	9.75	299.96	3,294.58	38.63	-67.02	-38.63	0.00	0.00	0.00
3,400.00	9.75	299.96	3,393.14	47.09	-81.68	-47.09	0.00	0.00	0.00
3,500.00	9.75	299.96	3,491.70	55.54	-96.35	-55.54	0.00	0.00	0.00
3,600.00	9.75	299.96	3,590.25	64.00	-111.02	-64.00	0.00	0.00	0.00
3,700.00	9.75	299.96	3,688.81	72.45	-125.69	-72.45	0.00	0.00	0.00
3,800.00	9.75	299.96	3,787.37	80.91	-140.35	-80.91	0.00	0.00	0.00
3,900.00	9.75	299.96	3,885.92	89.37	-155.02	-89.37	0.00	0.00	0.00
4,000.00	9.75	299.96	3,984.48	97.82	-169.69	-97.82	0.00	0.00	0.00
4,100.00	9.75	299.96	4,083.03	106.28	-184.36	-106.28	0.00	0.00	0.00
4,200.00	9.75	299.96	4,181.59	114.73	-199.02	-114.73	0.00	0.00	0.00
4,300.00	9.75	299.96	4,280.15	123.19	-213.69	-123.19	0.00	0.00	0.00
4,400.00	9.75	299.96	4,378.70	131.64	-228.36	-131.64	0.00	0.00	0.00
4,500.00	9.75	299.96	4,477.26	140.10	-243.03	-140.10	0.00	0.00	0.00
4,600.00	9.75	299.96	4,575.82	148.55	-257.69	-148.55	0.00	0.00	0.00
4,700.00	9.75	299.96	4,674.37	157.01	-272.36	-157.01	0.00	0.00	0.00

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Site:	CENTRAL BASIN (NAD 83)	**North Reference:**	True
Well:	UTE TRIBAL 4-13-3-4WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	4-13-3-4WH		
Design:	UTE TRIBAL 4-13-3-4WH REV00		

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)
4,800.00	9.75	299.96	4,772.93	165.46	-287.03	-165.46	0.00	0.00	0.00
4,900.00	9.75	299.96	4,871.49	173.92	-301.70	-173.92	0.00	0.00	0.00
5,000.00	9.75	299.96	4,970.04	182.37	-316.36	-182.37	0.00	0.00	0.00
5,100.00	9.75	299.96	5,068.60	190.83	-331.03	-190.83	0.00	0.00	0.00
5,200.00	9.75	299.96	5,167.16	199.29	-345.70	-199.29	0.00	0.00	0.00
5,300.00	9.75	299.96	5,265.71	207.74	-360.37	-207.74	0.00	0.00	0.00
5,400.00	9.75	299.96	5,364.27	216.20	-375.03	-216.20	0.00	0.00	0.00
5,500.00	9.75	299.96	5,462.82	224.65	-389.70	-224.65	0.00	0.00	0.00
5,600.00	9.75	299.96	5,561.38	233.11	-404.37	-233.11	0.00	0.00	0.00
5,700.00	9.75	299.96	5,659.94	241.56	-419.04	-241.56	0.00	0.00	0.00
5,800.00	9.75	299.96	5,758.49	250.02	-433.70	-250.02	0.00	0.00	0.00
5,900.00	9.75	299.96	5,857.05	258.47	-448.37	-258.47	0.00	0.00	0.00
6,000.00	9.75	299.96	5,955.61	266.93	-463.04	-266.93	0.00	0.00	0.00
6,100.00	9.75	299.96	6,054.16	275.38	-477.71	-275.38	0.00	0.00	0.00
6,200.00	9.75	299.96	6,152.72	283.84	-492.37	-283.84	0.00	0.00	0.00
6,300.00	9.75	299.96	6,251.28	292.29	-507.04	-292.29	0.00	0.00	0.00
6,400.00	9.75	299.96	6,349.83	300.75	-521.71	-300.75	0.00	0.00	0.00
6,500.00	9.75	299.96	6,448.39	309.21	-536.38	-309.21	0.00	0.00	0.00
6,600.00	9.75	299.96	6,546.95	317.66	-551.04	-317.66	0.00	0.00	0.00
6,700.00	9.75	299.96	6,645.50	326.12	-565.71	-326.12	0.00	0.00	0.00
6,800.00	9.75	299.96	6,744.06	334.57	-580.38	-334.57	0.00	0.00	0.00
6,900.00	9.75	299.96	6,842.61	343.03	-595.05	-343.03	0.00	0.00	0.00
7,000.00	9.75	299.96	6,941.17	351.48	-609.71	-351.48	0.00	0.00	0.00
7,100.00	9.75	299.96	7,039.73	359.94	-624.38	-359.94	0.00	0.00	0.00
7,200.00	9.75	299.96	7,138.28	368.39	-639.05	-368.39	0.00	0.00	0.00
7,300.00	9.75	299.96	7,236.84	376.85	-653.72	-376.85	0.00	0.00	0.00
7,400.00	9.75	299.96	7,335.40	385.30	-668.38	-385.30	0.00	0.00	0.00
7,500.00	9.75	299.96	7,433.95	393.76	-683.05	-393.76	0.00	0.00	0.00
7,600.00	9.75	299.96	7,532.51	402.21	-697.72	-402.21	0.00	0.00	0.00
7,700.00	9.75	299.96	7,631.07	410.67	-712.39	-410.67	0.00	0.00	0.00
7,800.00	9.75	299.96	7,729.62	419.13	-727.05	-419.13	0.00	0.00	0.00
7,900.00	9.75	299.96	7,828.18	427.58	-741.72	-427.58	0.00	0.00	0.00
8,000.00	9.75	299.96	7,926.74	436.04	-756.39	-436.04	0.00	0.00	0.00
8,100.00	9.75	299.96	8,025.29	444.49	-771.06	-444.49	0.00	0.00	0.00
8,200.00	9.75	299.96	8,123.85	452.95	-785.72	-452.95	0.00	0.00	0.00
8,300.00	9.75	299.96	8,222.41	461.40	-800.39	-461.40	0.00	0.00	0.00
8,343.45	9.75	299.96	8,265.23	465.08	-806.76	-465.08	0.00	0.00	0.00
Nudge Drop= -1.50/100' MD									
8,400.00	8.90	299.96	8,321.03	469.65	-814.70	-469.65	1.50	-1.50	0.00
8,500.00	7.40	299.96	8,420.02	476.73	-826.98	-476.73	1.50	-1.50	0.00
8,600.00	5.90	299.96	8,519.34	482.51	-837.01	-482.51	1.50	-1.50	0.00
8,622.68	5.56	299.96	8,541.91	483.64	-838.97	-483.64	1.50	-1.50	0.00
B Limestone									
8,700.00	4.40	299.96	8,618.94	486.99	-844.79	-486.99	1.50	-1.50	0.00
8,793.26	3.00	299.96	8,712.00	490.00	-850.00	-490.00	1.50	-1.50	0.00
Start 62.00 hold at 8793.26 MD									
8,800.00	3.00	299.96	8,718.73	490.18	-850.31	-490.18	0.00	0.00	0.00
8,855.26	3.00	299.96	8,773.92	491.62	-852.81	-491.62	0.00	0.00	0.00
Curve-KOP-DLS= 11.00/100' MD- TFO -119.94									
8,900.00	4.30	217.17	8,818.59	490.87	-854.84	-490.87	11.00	2.90	-185.05
8,931.70	7.38	200.52	8,850.12	488.02	-856.27	-488.02	11.00	9.72	-52.54

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Design:	UTE TRIBAL 4-13-3-4WH REV00		

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)
Lower Black Shale									
8,950.00	9.29	196.11	8,868.23	485.50	-857.09	-485.50	11.00	10.44	-24.08
9,000.00	14.65	190.00	8,917.13	475.39	-859.31	-475.39	11.00	10.72	-12.23
9,026.04	17.47	188.29	8,942.15	468.27	-860.45	-468.27	11.00	10.85	-6.57
Castle Peak Limestone									
9,050.00	20.08	187.13	8,964.83	460.63	-861.47	-460.63	11.00	10.89	-4.84
9,100.00	25.54	185.44	9,010.90	441.37	-863.56	-441.37	11.00	10.92	-3.36
9,150.00	31.01	184.32	9,054.92	417.78	-865.56	-417.78	11.00	10.95	-2.24
9,200.00	36.49	183.51	9,096.48	390.08	-867.44	-390.08	11.00	10.96	-1.63
9,204.58	36.99	183.45	9,100.15	387.34	-867.61	-387.34	11.00	10.97	-1.39
CP LIMES_2									
9,250.00	41.98	182.88	9,135.19	358.51	-869.20	-358.51	11.00	10.97	-1.24
9,300.00	47.46	182.38	9,170.71	323.38	-870.80	-323.38	11.00	10.97	-1.01
9,350.00	52.95	181.96	9,202.69	285.00	-872.25	-285.00	11.00	10.98	-0.85
9,400.00	58.44	181.59	9,230.86	243.73	-873.52	-243.73	11.00	10.98	-0.73
9,441.72	63.02	181.32	9,251.25	207.36	-874.44	-207.36	11.00	10.98	-0.66
Uteland Butte - 7" Csg (9442'MD-9252'TVD)									
9,450.00	63.93	181.26	9,254.95	199.95	-874.61	-199.95	11.00	10.98	-0.62
9,473.58	66.52	181.12	9,264.83	178.55	-875.06	-178.55	11.00	10.98	-0.61
Uteland Butte "A"									
9,500.00	69.43	180.97	9,274.73	154.07	-875.50	-154.07	11.00	10.98	-0.58
9,509.98	70.52	180.91	9,278.15	144.69	-875.66	-144.69	11.00	10.98	-0.57
Uteland Butte "B"									
9,550.00	74.92	180.69	9,290.04	106.49	-876.19	-106.49	11.00	10.98	-0.55
9,600.00	80.41	180.43	9,300.71	57.67	-876.67	-57.67	11.00	10.99	-0.52
9,650.00	85.90	180.18	9,306.67	8.04	-876.93	-8.04	11.00	10.99	-0.51
9,666.45	87.71	180.10	9,307.59	-8.38	-876.97	8.38	11.00	10.99	-0.50
Uteland Butte "C"									
9,685.75	89.83	180.00	9,308.00	-27.67	-876.99	27.67	11.00	10.99	-0.50
Start 150.00 hold at 9685.75 MD									
9,700.00	89.83	180.00	9,308.04	-41.93	-876.99	41.93	0.00	0.00	0.00
9,800.00	89.83	180.00	9,308.34	-141.93	-876.99	141.93	0.00	0.00	0.00
9,835.75	89.83	180.00	9,308.45	-177.67	-876.99	177.67	0.00	0.00	0.00
9,835.87	89.83	180.00	9,308.45	-177.80	-876.99	177.80	0.00	0.00	0.00
DLS= 3.00/100' MD- TFO 0.00									
9,900.00	91.76	180.10	9,307.56	-241.92	-877.04	241.92	3.01	3.00	0.15
9,935.87	92.83	180.15	9,306.12	-277.76	-877.12	277.76	3.00	3.00	0.15
9,949.52	92.83	180.15	9,305.45	-291.39	-877.16	291.39	0.00	0.00	0.00
Horz. Land Pt.= 9950' MD- 9305' TVD									
10,000.00	92.83	180.15	9,302.96	-341.81	-877.29	341.81	0.00	0.00	0.00
10,100.00	92.83	180.15	9,298.02	-441.69	-877.55	441.69	0.00	0.00	0.00
10,200.00	92.83	180.15	9,293.08	-541.56	-877.81	541.56	0.00	0.00	0.00
10,300.00	92.83	180.15	9,288.14	-641.44	-878.07	641.44	0.00	0.00	0.00
10,400.00	92.83	180.15	9,283.21	-741.32	-878.33	741.32	0.00	0.00	0.00
10,500.00	92.83	180.15	9,278.27	-841.20	-878.59	841.20	0.00	0.00	0.00
10,600.00	92.83	180.15	9,273.33	-941.08	-878.86	941.08	0.00	0.00	0.00
10,700.00	92.83	180.15	9,268.39	-1,040.95	-879.12	1,040.95	0.00	0.00	0.00
10,800.00	92.83	180.15	9,263.46	-1,140.83	-879.38	1,140.83	0.00	0.00	0.00
10,900.00	92.83	180.15	9,258.52	-1,240.71	-879.64	1,240.71	0.00	0.00	0.00
11,000.00	92.83	180.15	9,253.58	-1,340.59	-879.90	1,340.59	0.00	0.00	0.00
11,100.00	92.83	180.15	9,248.65	-1,440.46	-880.16	1,440.46	0.00	0.00	0.00

RECEIVED: Mar. 07, 2013

LEAM Drilling Systems LLC

Planning Report

LEAM Drilling Systems LLC

Database:	EDM 5000.1 Lynn Db	**Local Co-ordinate Reference:**	Well UTE TRIBAL 4-13-3-4WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	**TVD Reference:**	WELL(5652'+18'= 5670'MSL) @ 5670.00usft (Pioneer 62 (KB=18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	**MD Reference:**	WELL(5652'+18'= 5670'MSL) @ 5670.00usft (Pioneer 62 (KB=18'))
Site:	CENTRAL BASIN (NAD 83)	**North Reference:**	True
Well:	UTE TRIBAL 4-13-3-4WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	4-13-3-4WH		
Design:	UTE TRIBAL 4-13-3-4WH REV00		

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)
11,200.00	92.83	180.15	9,243.71	-1,540.34	-880.43	1,540.34	0.00	0.00	0.00
11,300.00	92.83	180.15	9,238.77	-1,640.22	-880.69	1,640.22	0.00	0.00	0.00
11,400.00	92.83	180.15	9,233.83	-1,740.10	-880.95	1,740.10	0.00	0.00	0.00
11,500.00	92.83	180.15	9,228.90	-1,839.97	-881.21	1,839.97	0.00	0.00	0.00
11,600.00	92.83	180.15	9,223.96	-1,939.85	-881.47	1,939.85	0.00	0.00	0.00
11,700.00	92.83	180.15	9,219.02	-2,039.73	-881.73	2,039.73	0.00	0.00	0.00
11,800.00	92.83	180.15	9,214.08	-2,139.61	-881.99	2,139.61	0.00	0.00	0.00
11,900.00	92.83	180.15	9,209.15	-2,239.49	-882.26	2,239.49	0.00	0.00	0.00
12,000.00	92.83	180.15	9,204.21	-2,339.36	-882.52	2,339.36	0.00	0.00	0.00
12,100.00	92.83	180.15	9,199.27	-2,439.24	-882.78	2,439.24	0.00	0.00	0.00
12,200.00	92.83	180.15	9,194.34	-2,539.12	-883.04	2,539.12	0.00	0.00	0.00
12,300.00	92.83	180.15	9,189.40	-2,639.00	-883.30	2,639.00	0.00	0.00	0.00
12,400.00	92.83	180.15	9,184.46	-2,738.87	-883.56	2,738.87	0.00	0.00	0.00
12,500.00	92.83	180.15	9,179.52	-2,838.75	-883.82	2,838.75	0.00	0.00	0.00
12,600.00	92.83	180.15	9,174.59	-2,938.63	-884.09	2,938.63	0.00	0.00	0.00
12,700.00	92.83	180.15	9,169.65	-3,038.51	-884.35	3,038.51	0.00	0.00	0.00
12,800.00	92.83	180.15	9,164.71	-3,138.38	-884.61	3,138.38	0.00	0.00	0.00
12,900.00	92.83	180.15	9,159.77	-3,238.26	-884.87	3,238.26	0.00	0.00	0.00
13,000.00	92.83	180.15	9,154.84	-3,338.14	-885.13	3,338.14	0.00	0.00	0.00
13,100.00	92.83	180.15	9,149.90	-3,438.02	-885.39	3,438.02	0.00	0.00	0.00
13,200.00	92.83	180.15	9,144.96	-3,537.90	-885.65	3,537.90	0.00	0.00	0.00
13,300.00	92.83	180.15	9,140.03	-3,637.77	-885.92	3,637.77	0.00	0.00	0.00
13,400.00	92.83	180.15	9,135.09	-3,737.65	-886.18	3,737.65	0.00	0.00	0.00
13,500.00	92.83	180.15	9,130.15	-3,837.53	-886.44	3,837.53	0.00	0.00	0.00
13,600.00	92.83	180.15	9,125.21	-3,937.41	-886.70	3,937.41	0.00	0.00	0.00
13,700.00	92.83	180.15	9,120.28	-4,037.28	-886.96	4,037.28	0.00	0.00	0.00
13,800.00	92.83	180.15	9,115.34	-4,137.16	-887.22	4,137.16	0.00	0.00	0.00
13,900.00	92.83	180.15	9,110.40	-4,237.04	-887.49	4,237.04	0.00	0.00	0.00
14,000.00	92.83	180.15	9,105.46	-4,336.92	-887.75	4,336.92	0.00	0.00	0.00
14,100.00	92.83	180.15	9,100.53	-4,436.80	-888.01	4,436.80	0.00	0.00	0.00
14,183.28	92.83	180.15	9,096.42	-4,519.97	-888.23	4,519.97	0.00	0.00	0.00
TD-PBHL= 14183' MD- 9096' TVD									
14,183.29	92.83	180.15	9,096.42	-4,519.98	-888.23	4,519.98	0.00	0.00	0.00

RECEIVED: Mar. 07, 2013

LEAM Drilling Systems LLC

Planning Report

LEAM Drilling Systems LLC

Database:	EDM 5000.1 Lynn Db	**Local Co-ordinate Reference:**	Well UTE TRIBAL 4-13-3-4WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	**TVD Reference:**	WELL(5652'+18'= 5670'MSL) @ 5670.00usft (Pioneer 62 (KB=18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	**MD Reference:**	WELL(5652'+18'= 5670'MSL) @ 5670.00usft (Pioneer 62 (KB=18'))
Site:	CENTRAL BASIN (NAD 83)	**North Reference:**	True
Well:	UTE TRIBAL 4-13-3-4WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	4-13-3-4WH		
Design:	UTE TRIBAL 4-13-3-4WH REV00		

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. 12, T3S-R4W, 6(	0.00	0.00	28.00	4,653.78	3,052.09	7,258,792.75	1,981,707.81	40° 14' 27.100 N	110° 16' 38.550 W
- plan misses target center by 5565.33usft at 28.00usft MD (28.00 TVD, 0.00 N, 0.00 E)									
- Polygon									
Point 1			28.00	0.00	0.00	7,258,792.75	1,981,707.81		
Point 2			28.00	-1,981.24	29.53	7,256,812.09	1,981,764.18		
Point 3			28.00	-3,948.32	37.34	7,254,845.30	1,981,798.64		
Point 4			28.00	-3,950.32	-1,945.74	7,254,816.44	1,979,815.77		
Point 5			28.00	-3,955.20	-3,936.60	7,254,784.59	1,977,825.15		
Point 6			28.00	-1,980.04	-3,930.13	7,256,759.65	1,977,804.87		
Point 7			28.00	-1.82	-3,932.20	7,258,737.66	1,977,776.00		
Point 8			28.00	-2.00	-1,971.14	7,258,764.05	1,979,736.88		
Point 9			28.00	0.00	0.00	7,258,792.75	1,981,707.81		
Sec. 12, T3S-R4W,	0.00	0.00	28.00	5,314.62	3,701.80	7,259,462.33	1,982,348.51	40° 14' 33.630 N	110° 16' 30.170 W
- plan misses target center by 6476.77usft at 28.00usft MD (28.00 TVD, 0.00 N, 0.00 E)									
- Polygon									
Point 1			28.00	0.00	0.00	7,259,462.33	1,982,348.51		
Point 2			28.00	-2,635.92	39.70	7,256,827.19	1,982,423.92		
Point 3			28.00	-5,271.83	49.93	7,254,191.66	1,982,469.85		
Point 4			28.00	-5,271.85	-2,594.78	7,254,155.82	1,979,825.39		
Point 5			28.00	-5,277.65	-5,248.02	7,254,114.07	1,977,172.47		
Point 6			28.00	-2,639.70	-5,239.85	7,256,751.89	1,977,144.90		
Point 7			28.00	-2.77	-5,242.55	7,259,388.54	1,977,106.48		
Point 8			28.00	-3.04	-2,621.66	7,259,423.78	1,979,727.14		
Point 9			28.00	0.00	0.00	7,259,462.33	1,982,348.51		
Sec. 13, T3S-R4W, 6(	0.00	0.00	28.00	-621.26	-886.50	7,253,464.84	1,977,841.04	40° 13' 34.970 N	110° 17' 29.340 W
- plan misses target center by 1082.52usft at 28.00usft MD (28.00 TVD, 0.00 N, 0.00 E)									
- Polygon									
Point 1			28.00	0.00	0.00	7,253,464.84	1,977,841.04		
Point 2			28.00	3.87	1,994.83	7,253,495.73	1,979,835.64		
Point 3			28.00	3.85	3,980.34	7,253,522.61	1,981,820.97		
Point 4			28.00	-1,935.90	3,984.28	7,251,583.09	1,981,851.18		
Point 5			28.00	-3,872.61	3,989.00	7,249,646.62	1,981,882.14		
Point 6			28.00	-3,884.73	1,985.33	7,249,607.36	1,979,878.82		
Point 7			28.00	-3,898.72	-8.27	7,249,566.37	1,977,885.59		
Point 8			28.00	-1,951.90	-2.58	7,251,513.09	1,977,864.91		
Point 9			28.00	0.00	0.00	7,253,464.84	1,977,841.04		
Sec. 13, T3S-R4W,	0.00	0.00	28.00	36.48	-1,545.72	7,254,113.59	1,977,172.97	40° 13' 41.470 N	110° 17' 37.840 W
- plan misses target center by 1546.15usft at 28.00usft MD (28.00 TVD, 0.00 N, 0.00 E)									
- Polygon									
Point 1			28.00	0.00	0.00	7,254,113.59	1,977,172.97		
Point 2			28.00	5.80	2,653.24	7,254,155.33	1,979,825.89		
Point 3			28.00	5.81	5,297.94	7,254,191.17	1,982,470.35		
Point 4			28.00	-2,691.64	5,302.16	7,251,494.03	1,982,511.11		
Point 5			28.00	-5,186.07	5,309.09	7,248,999.92	1,982,551.83		
Point 6			28.00	-5,202.27	2,649.11	7,248,947.69	1,979,892.31		
Point 7			28.00	-5,221.22	-10.12	7,248,892.71	1,977,233.58		
Point 8			28.00	-2,608.58	-3.51	7,251,505.20	1,977,204.80		
Point 9			28.00	0.00	0.00	7,254,113.59	1,977,172.97		
TD-PBHL 4-13-3-4WH	0.00	0.00	9,096.00	-4,519.98	-894.40	7,249,566.37	1,977,885.96	40° 12' 56.440 N	110° 17' 29.440 W
- plan misses target center by 6.19usft at 14183.29usft MD (9096.41 TVD, -4519.98 N, -888.23 E)									
- Point									
Top Prod.- 4-13-3-4W	0.00	0.00	9,305.00	-291.39	-886.49	7,253,794.68	1,977,836.58	40° 13' 38.230 N	110° 17' 29.340 W
- plan misses target center by 9.35usft at 9949.57usft MD (9305.45 TVD, -291.44 N, -877.16 E)									

LEAM Drilling Systems LLC

Planning Report

LEAM Drilling Systems LLC

Database:	EDM 5000.1 Lynn Db	**Local Co-ordinate Reference:**	Well UTE TRIBAL 4-13-3-4WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	**TVD Reference:**	WELL(5652'+18'= 5670'MSL) @ 5670.00usft (Pioneer 62 (KB=18'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	**MD Reference:**	WELL(5652'+18'= 5670'MSL) @ 5670.00usft (Pioneer 62 (KB=18'))
Site:	CENTRAL BASIN (NAD 83)	**North Reference:**	True
Well:	UTE TRIBAL 4-13-3-4WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	4-13-3-4WH		
Design:	UTE TRIBAL 4-13-3-4WH REV00		

- Point

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
2,500.00	2,500.00	9-5/8" Csg (2,500' TVD)	9-5/8	9-5/8
9,441.72	9,251.25	7" Csg (9442'MD-9252'TVD)	7	8-3/4

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
8,622.68	8,541.91	B Limestone		-2.83	180.00
8,931.70	8,850.12	Lower Black Shale		-2.83	180.00
9,026.04	8,942.15	Castle Peak Limestone		-2.83	180.00
9,204.58	9,100.15	CP LIMES_2		-2.83	180.00
9,441.72	9,251.25	Uteland Butte		-2.83	180.00
9,473.58	9,264.83	Uteland Butte "A"		-2.83	180.00
9,509.98	9,278.15	Uteland Butte "B"		-2.83	180.00
9,666.45	9,307.59	Uteland Butte "C"		-2.83	180.00

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
2,500.00	2,500.00	0.00	0.00	Casing Pt.- Tangent= 100 ft at 2500 MD/TVD
2,600.00	2,600.00	0.00	0.00	Nudge Build= 2.00/100' MD
3,087.36	3,085.01	20.65	-35.83	EOB-Tangent= 5256 ft at 3087' MD
8,343.45	8,265.23	465.08	-806.76	Nudge Drop= -1.50/100' MD
8,793.26	8,712.00	490.00	-850.00	Start 62.00 hold at 8793.26 MD
8,855.26	8,773.92	491.62	-852.81	Curve-KOP-DLS= 11.00/100' MD- TFO -119.94
9,685.75	9,308.00	-27.67	-876.99	Start 150.00 hold at 9685.75 MD
9,835.87	9,308.45	-177.80	-876.99	DLS= 3.00/100' MD- TFO 0.00
9,949.52	9,305.45	-291.39	-877.16	Horz. Land Pt.= 9950' MD- 9305' TVD
14,183.28	9,096.42	-4,519.97	-888.23	TD-PBHL= 14183' MD- 9096' TVD

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6388

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Ute Tribal 4-13-3-4WH

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013515470000

3. ADDRESS OF OPERATOR:
Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0041 FNL 1546 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 13 Township: 03.0S Range: 04.0W 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SPUD REPORT Date of Spud: 3/7/2013	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Pete Martin Rig #16 spudded 20" hole on 03/07/2013 and drilled to 60' GL. Set 14", 36.75# (0.250" wall), A52A conductor pipe at 60' GL and cemented to surface with Pro Petro Cementers on 03/08/2013. Cement Job: Pumped 15 bbls fresh water flush ahead of cement. Mixed and pumped 160 sacks (33 bbls) of Premium Class G Cement with 2% CaCl2, and 1/4 lb/sk flocele. Mixed cement @ 15.8 ppg with yield of 1.15 cf/sk. Displaced cement with 8.3 bbls fresh water. Finished pumping @ 13:04 PM on 03/08/2013. 13 bbls cement to surface. Shut in well after pumping stopped. Hole stood full after pumping stopped.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
April 18, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Cherei Neilson	435 646-4883	Drilling Techinacian
SIGNATURE		**DATE**
N/A		4/18/2013

RECEIVED: Apr. 18, 2013

Casing / Liner Detail

Well	Ute Tribal 4-13-3-4WH
Prospect	Central Basin
Foreman	
Run Date:	3/8/2013
String Type	Conductor, 14", 36.75#, A52A, W (Welded)

- Detail From Top To Bottom -

Depth	*Length*	*JTS*	*Description*	*OD*	*ID*
0.00	60.00	2	14" Conductor Pipe	14.000	13.500

Cement Detail

Cement Company: Other

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft^3)	Description - Slurry Class and Additives
Slurry 1	160	15.8	1.15	184	Premium Class G Cement with 2% CaCl2, and 1/4 lb/sk flocele.

Stab-In-Job?	No	Cement To Surface?	Yes
BHT:	0	Est. Top of Cement:	0
Initial Circulation Pressure:	35	Plugs Bumped?	No
Initial Circulation Rate:	4	Pressure Plugs Bumped:	
Final Circulation Pressure:	75	Floats Holding?	No
Final Circulation Rate:	2	Casing Stuck On / Off Bottom?	No
Displacement Fluid:	Water	Casing Reciprocated?	No
Displacement Rate:	5	Casing Rotated?	No
Displacement Volume:	8.3	CIP:	13:04
Mud Returns:	Full	Casing Wt Prior To Cement:	
Centralizer Type And Placement:		Casing Weight Set On Slips:	

RECEIVED: Apr. 18, 2013

Casing / Liner Detail

Well Ute Tribal 4-13-3-4WH

Prospect Central Basin

Foreman

Run Date: 3/21/2013

String Type Surface, 9.625", 36#, J-55, LTC (Generic)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
0.00	2495.94	59	9 5/8" Casing	9.625	8.921
2,495.94	1.20		Float Collar	9.625	
2,497.14	42.61	1	Shoe Joint	9.625	8.921
2,539.75	0.90		Guide Shoe		
2,540.65			-		

Cement Detail

Cement Company: Other

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft^3)	Description - Slurry Class and Additives
Slurry 3	150	15.8	1.15	172.5	Top Job: Premium Class G Cement with 2% CaCl2, and 1/4 #/sk Flocele.
Slurry 2	250	15.8	1.15	287.5	Premium Class G Cement with 2% CaCl2, and 1/4 #/sk Flocele.
Slurry 1	380	12.1	2.86	1086.8	Premium Class G Cement with 16% Gel, 10 #/sk Gilsonite, 2#/sk Gr3, 3% Salt, and 1/4 #/sk Flocele.

Stab-In-Job?	No	Cement To Surface?	Yes
BHT:	0	Est. Top of Cement:	0
Initial Circulation Pressure:	100	Plugs Bumped?	Yes
Initial Circulation Rate:	6.5	Pressure Plugs Bumped:	1000
Final Circulation Pressure:	500	Floats Holding?	Yes
Final Circulation Rate:	2	Casing Stuck On / Off Bottom?	No
Displacement Fluid:	Water	Casing Reciprocated?	No
Displacement Rate:	7	Casing Rotated?	No
Displacement Volume:	192	CIP:	12:15
Mud Returns:	Full	Casing Wt Prior To Cement:	
Centralizer Type And Placement:		Casing Weight Set On Slips:	

21 centralizers spaced 10' from the shoe, on top of joints #2 and #3 then every 3rd collar to surface.

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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 UTE TRIBAL 4-13-3-4WH
Qtr/Qtr NE/NW Section 13 Township 3S Range 4W
Lease Serial Number 14-20-H62-6388
API Number 43013515470000

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

Date/Time 03/07/2013 10:00 AM ☒ PM ☐

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

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

CONFIDENTIAL

Date/Time _____ _____ AM ☐ PM ☐

BOPE

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

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pro Petro Rig #10
Submitted By Kylan Cook Phone Number 435-790-8236
Well Name/Number UTE TRIBAL 4-13-3-4WH
Qtr/Qtr NE/NW Section 13 Township 3S Range 4W
Lease Serial Number 14-20-H62-6388
API Number 43013515470000

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

Date/Time _____ _____ AM ☐ PM ☐

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

☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 03/20/2013 20:00 AM ☐ PM ☒

BOPE

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

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MAR 19 2013
DIV. OF OIL, GAS & MINING

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

EAGER BEAVER TESTERS INC.

P.O. BOX 1616
ROCK SPRINGS, WY 82902

PHONE:
CASPER - (307) 265-8147
ROCK SPRINGS - (307) 382-3350

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DIV. OF OIL, GAS & MINING

BOP TEST REPORT

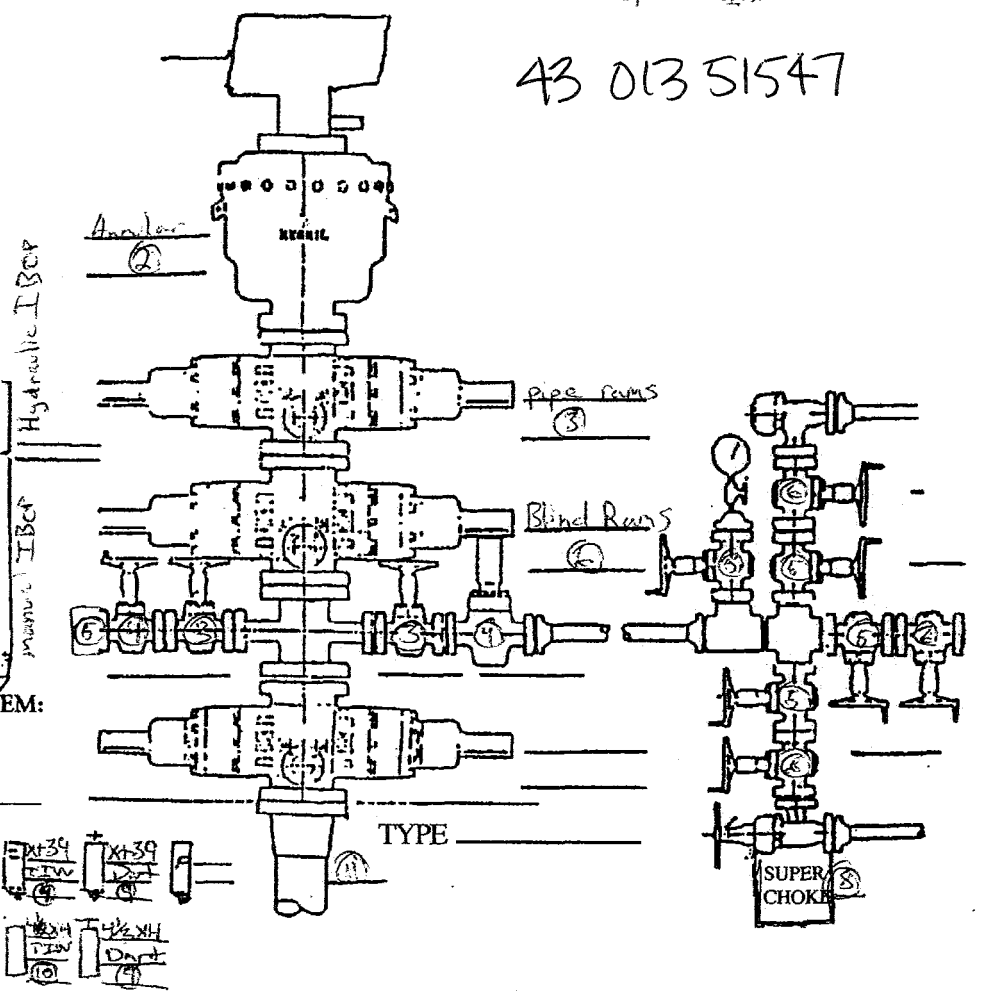
DATE: 4-8-13 OPERATOR: NEW FIELD RIG OR SITE#: PIONEER 62 SEC: 13 TNSHIP: 3 SOUTH RANGE: 4 WEST

FIELD: _____ WELL#: UTE TRIBAL 4-13-3-4 WH TEST PRESSURE: 250 PSI LOW 5 MIN, 5,000 PSI HIGH 10 MIN.

43 013 51547

EQUIPMENT PRESSURE TESTED:

ANNULAR 50%	2
UPPER PIPE RAMS	3
LOWER PIPE RAMS	N/A
BLIND RAMS	6
KILL LINE VALVES	3,4
HCR VALVE	4
CHOKE VALVES	3
MANIFOLD VALVES	5,6,7
SUPER CHOKE	8
MANUAL CHOKE	N/A
UPPER KELLY VALVE	13
LOWER KELLY VALVE	14
INSIDE BOP	4
FLOOR VALVE	9
CASING PRE. 1500 psi	11



ACCUMULATOR AND CLOSING SYSTEM:

NITROGEN PRECHARGE PSI 1300 psi
FIELD CHECK ✓ GUAGE CHECK _____
BOTTLES ✓ SPHERES _____

FUNCTION CHECK 2000 psi
PUMP CHECK 31 sec
REMOTE OPERATION CHECK ✓
HYDRAULIC FLUID LEVEL ✓

OTHER TESTS:

EQUIPMENT TYPE _____ PRESSURE _____

REPAIRS OR POTENTIAL PROBLEMS:

REPAIR HYDRAULIC HARDLINES ON ACCUMULATOR
REPLACE & TEST HYDRAULIC TOP DRIVE & MANUAL TOP DRIVE VALVES TEST 250 PSI/5 MIN & 5,000 PSI/10 MIN

EAGER BEAVER TESTERS

DATE: 4-8-13 COMPANY: NEWFIELD RIG: PIONEER 62 WELL NAME & #: UTE TRIBAL 4-13-3-4 WH

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 2000 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 31 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 1300 PSI

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

EAGER BEAVER TESTERS

DATE: 4-8-13 COMPANY: NEWFIELD RIG: PIONEER 62 WELL NAME & #: UTE TRIBAL 4-13-3-4WH

Time		Test No.		Results
8:01	AM ☑PM☐	1	Hydraulic IBOP (250/2000 psi)	Pass ☑Fail ☐
10:15	AM ☑PM☐	2	Annular (250/5000 psi) (4 in x 39 pipe used)	Pass ☑Fail ☐
10:37	AM ☑PM☐	3	Hydraulic IBOP, pipe rams, inside kill & choke valves	Pass ☑Fail ☐
11:54	AM ☑PM☐	4	FOSV, outside kill valve, HCR	Pass ☑Fail ☐
12:23	AM ☐PM☑	5	Check valve, inside manifold valves, riser	Pass ☑Fail ☐
1:55	AM ☐PM☑	6	Blind Rams, outside manifold valves	Pass ☑Fail ☐
2:23	AM ☐PM☑	7	Downstream valves,	Pass ☑Fail ☐
2:42	AM ☐PM☑	8	Superchoke	Pass ☑Fail ☐
3:15	AM ☐PM☑	9	XT39 Dart, 4½ XH Dart	Pass ☑Fail ☐
3:38	AM ☐PM☐	10	4½ XH TIW	Pass ☐Fail ☐
4:01	AM ☐PM☑	11	Casing	Pass ☑Fail ☐
10:25	AM ☐PM☑	12	pipe rams (4½ XH pipe used)	Pass ☐Fail ☐
11:31	AM ☐PM☑	13	Hydraulic IBOP	Pass ☐Fail ☐
11:49	AM ☐PM☑	14	Manual IBOP	Pass ☐Fail ☐
	AM ☐PM☐	Retest		Pass ☐Fail ☐
	AM ☐PM☐	Retest		Pass ☐Fail ☐
	AM ☐PM☐	Retest		Pass ☐Fail ☐
	AM ☐PM☐	Retest		Pass ☐Fail ☐
	AM ☐PM☐	Retest		Pass ☐Fail ☐
	AM ☐PM☐	Retest		Pass ☐Fail ☐
	AM ☐PM☐	Retest		Pass ☐Fail ☐

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

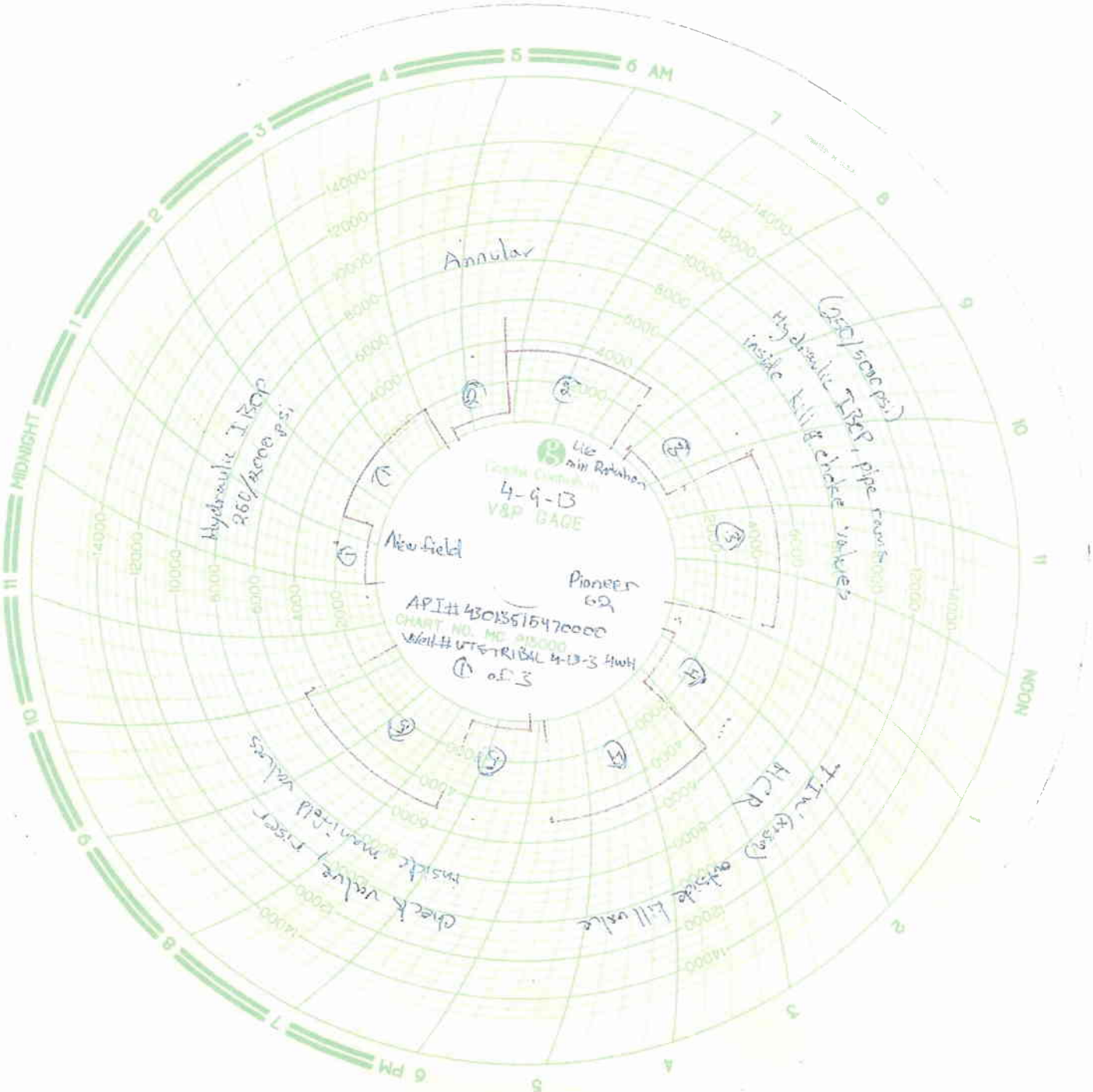
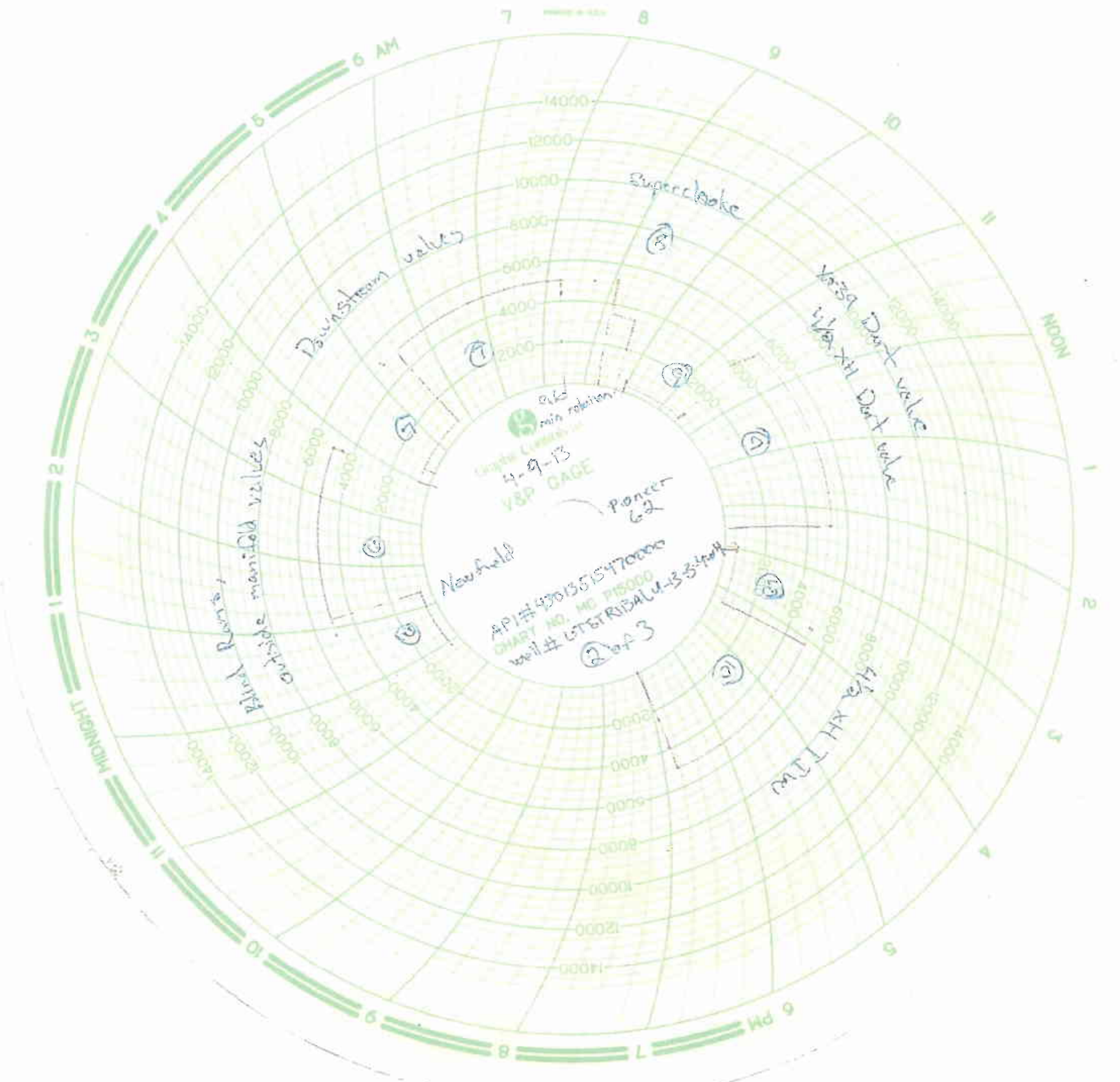
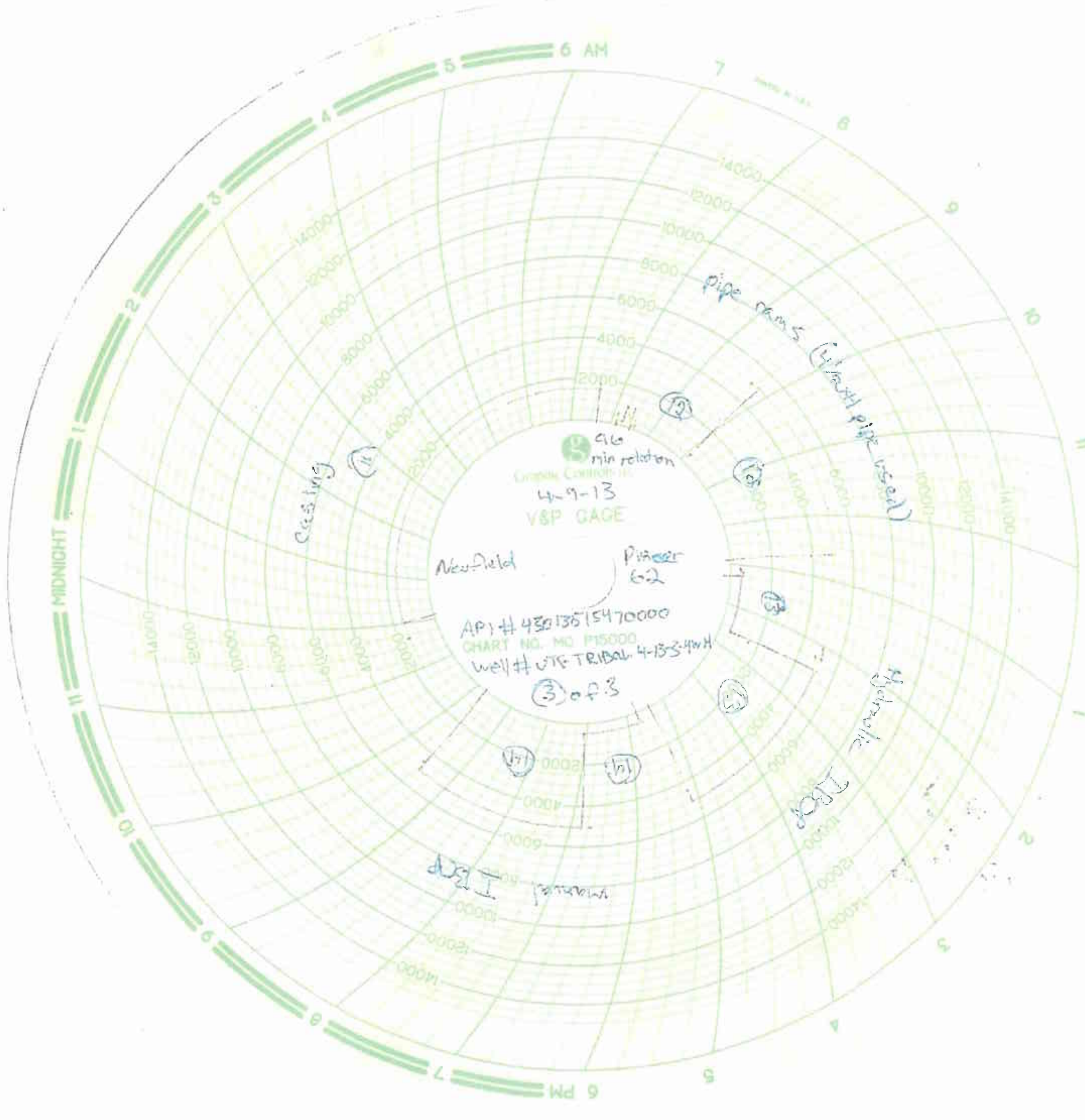


Chart # 2 on Reverse


6 AM
7
8
9
10
11
NOON
1
2
3
4
5
6 PM
7
8
9
10
11
MIDNIGHT
1
2
3
4
5
V&P GAGE
CHART NO. MC P15000
4-9-13
Pioneer 62
Newfield
API# 4301351547000
well # UTE TRIBAL 4-13-3-4WH
2 of 3
Superclooke
Downstream valves
Blind Rams, outside manifold valves
Dart valve
Dart valve
min rotation



96 min rotation
4-9-13
V&P GAGE
CHART NO. MC P15000
Newfield
Pioneer 6-2
API # 4301351547000
Well # UTE TRIBAL 4-13-3-4WH
3 of 3
pipe rams (4" with pipe used)
Hydraulic IBOP
manual IBOP
Casing
NOON
MIDNIGHT
6 AM
6 PM

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BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 62 Submitted By Mike Woolsey/ Joe Johnson Phone Number 970-812-0581
Well Name/Number Ute Tribal 4-13-3-4 WH
Qtr/Qtr NE/NW Section 13 Township T3S Range 4W
Lease Serial Number FEE
API Number ~~4301355154700000~~ 43013515470000

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

Date/Time _____ _____ AM ☐ PM ☐

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

- ☐ Surface Casing
- ☒ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 4/24/2013 3:00 AM ☐ PM ☒

BOPE

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

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Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 62 Submitted By Mike Woolsey/Alvin Nielsen Phone Number 970-812-0581
Well Name/Number Ute Tribal 4-13-3-4WH
Qtr/Qtr NE/NW Section 13 Township 3S Range 4W
Lease Serial Number 1420H626388
API Number 43-013515470000

Rig Move Notice – Move drilling rig to new location.

Date/Time _____ _____ AM ☐ PM ☐

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☒ 30 day BOPE test
☐ Other

Date/Time 5/11/13 12:00 AM ☐ PM ☒

Remarks We will be conducting a 30 day bop test between 5/11/13 to 5/12/13

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BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer # 62
Submitted By Alvin Nielsen/Mike Woolsey Phone Number 970-812-0581
Well Name/Number Ute Tribal 4-13-3-4WH
Qtr/Qtr NE/NW Section 13 Township 3S Range 4W
Lease Serial Number Fee
API Number 43013515470000

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

Date/Time _____ _____ AM ☐ PM ☐

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

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☒ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 5/15/2013 16:00 AM ☐ PM ☒

BOPE

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

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Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

We should start running 4.5" casing on the Ute Tribal 4-13-3-4WH @ 16:00 on 5/15/2013.
Thanks.

EAGER BEAVER TESTERS INC.

P.O. BOX 1616
ROCK SPRINGS, WY 82902

PHONE:
CASPER - (307) 265-8147
ROCK SPRINGS - (307) 382-3350

BOP TEST REPORT

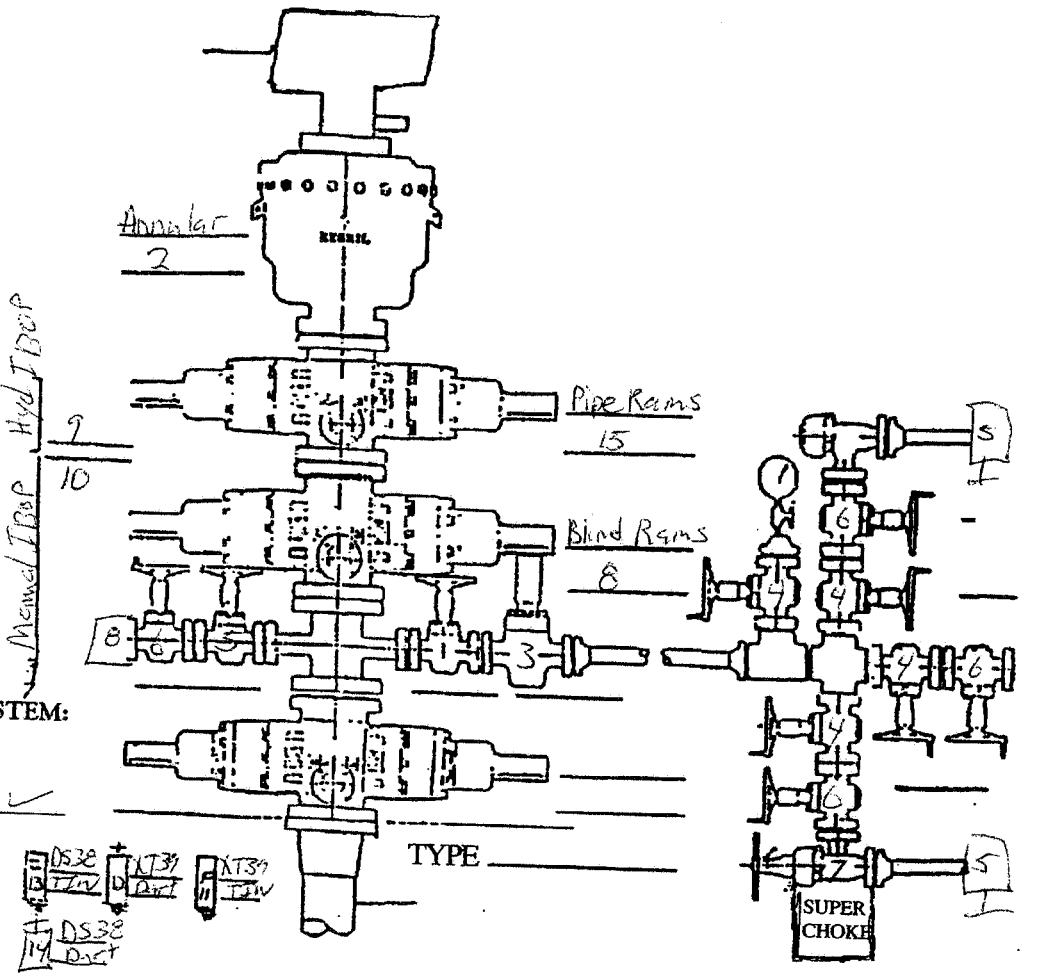
DATE: 5/11/13 OPERATOR: Newfield RIG OR SITE#: Pioneer 62 SEC: 13 TNSHIP: 3S RANGE: 4W

FIELD: Wild Cat WELL#: Ute Tribal 4-13-3-4WH TEST PRESSURE: 250/5000

4301351547 0000

EQUIPMENT PRESSURE TESTED:

ANNULAR 50%	2
UPPER PIPE RAMS	15
LOWER PIPE RAMS	-
BLIND RAMS	8
KILL LINE VALVES	5 & 8
HCR VALVE	3
CHOKE VALVES	1
MANIFOLD VALVES	4 & 5
SUPER CHOKE	7
MANUAL CHOKE	✓
UPPER KELLY VALVE	9
LOWER KELLY VALVE	10
INSIDE BOP TIW	11
FLOOR VALVE Dart	12
CASING PRE.	-
DS 38 TIW	13
DS 38 Dart	14



ACCUMULATOR AND CLOSING SYSTEM:

NITROGEN PRECHARGE PSI 900
FIELD CHECK ✓ GUAGE CHECK ✓
BOTTLES ✓ SPHERES

FUNCTION CHECK 2400
PUMP CHECK 28 sec
REMOTE OPERATION CHECK ✓
HYDRAULIC FLUID LEVEL ✓

OTHER TESTS:

EQUIPMENT TYPE PRESSURE

REPAIRS OR POTENTIAL PROBLEMS:

EAGER BEAVER TESTERS

DATE: 5-11-13 COMPANY: Newfield RIG: Pioneer 62 WELL NAME & #: Ute Tribal 4-13-3-4W

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 2100 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 28 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 900 PSI

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

EAGER BEAVER TESTERS

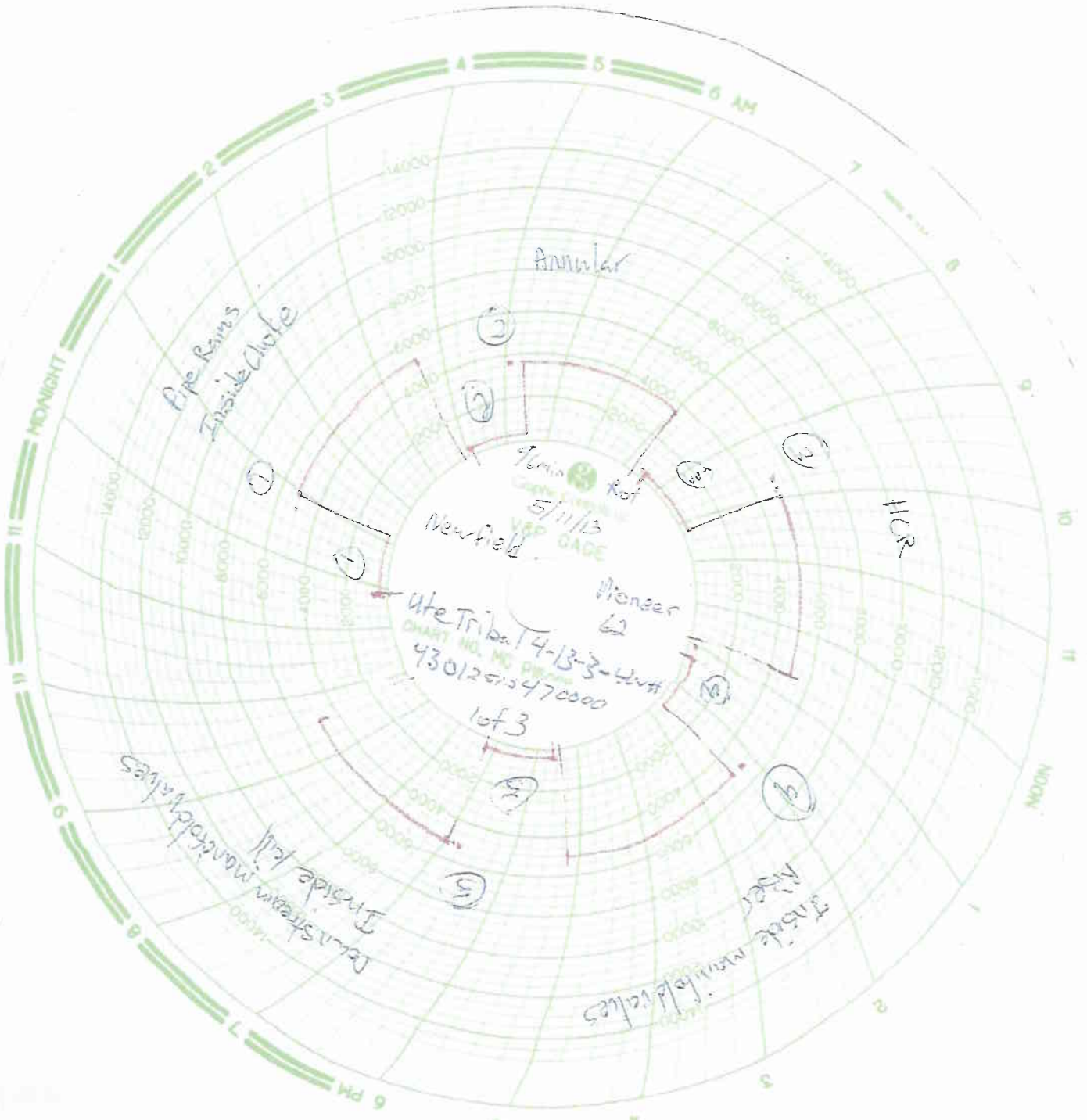
DATE: 5-11-13 COMPANY: Newfield RIG: Pioneer 62 WELL NAME & #: Ute Tribal 4-13-3-4W-H

Time		Test No.		Result
9:41	AM ☑ PM ☐	1	pipe rams, inside choke valve	Pass ☑ Fail ☐
10:13	AM ☑ PM ☐	2	Annular	Pass ☑ Fail ☐
10:39	AM ☑ PM ☐	3	HCR	Pass ☑ Fail ☐
11:03	AM ☑ PM ☐	4	inside manifold valves, Riser valve	Pass ☑ Fail ☐
11:38	AM ☑ PM ☐	5	Driller stream valves, inside kill valve	Pass ☑ Fail ☐
12:00	AM ☐ PM ☑	6	Outside kill outside manifold valves	Pass ☑ Fail ☐
12:22	AM ☐ PM ☑	7	super choke	Pass ☑ Fail ☐
1:22	AM ☐ PM ☑	8	Blinds, checkvalves	Pass ☑ Fail ☐
2:00	AM ☐ PM ☑	9	Hyd IBOP	Pass ☑ Fail ☐
2:47	AM ☐ PM ☑	10	Manual IBOP	Pass ☑ Fail ☐
3:10	AM ☐ PM ☑	11	4 1/2 TIW	Pass ☑ Fail ☐
3:51	AM ☐ PM ☑	12	4 1/2 Dart	Pass ☑ Fail ☐
4:34	AM ☐ PM ☑	13	DS38 TIW	Pass ☑ Fail ☐
4:59	AM ☐ PM ☑	14	DS38 Dart	Pass ☑ Fail ☐
5:58	AM ☐ PM ☑	15 Retest	Pipe Rams	Pass ☑ Fail ☐
	AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
	AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
	AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
	AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
	AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
	AM ☐ PM ☐	Retest		Pass ☐ Fail ☐

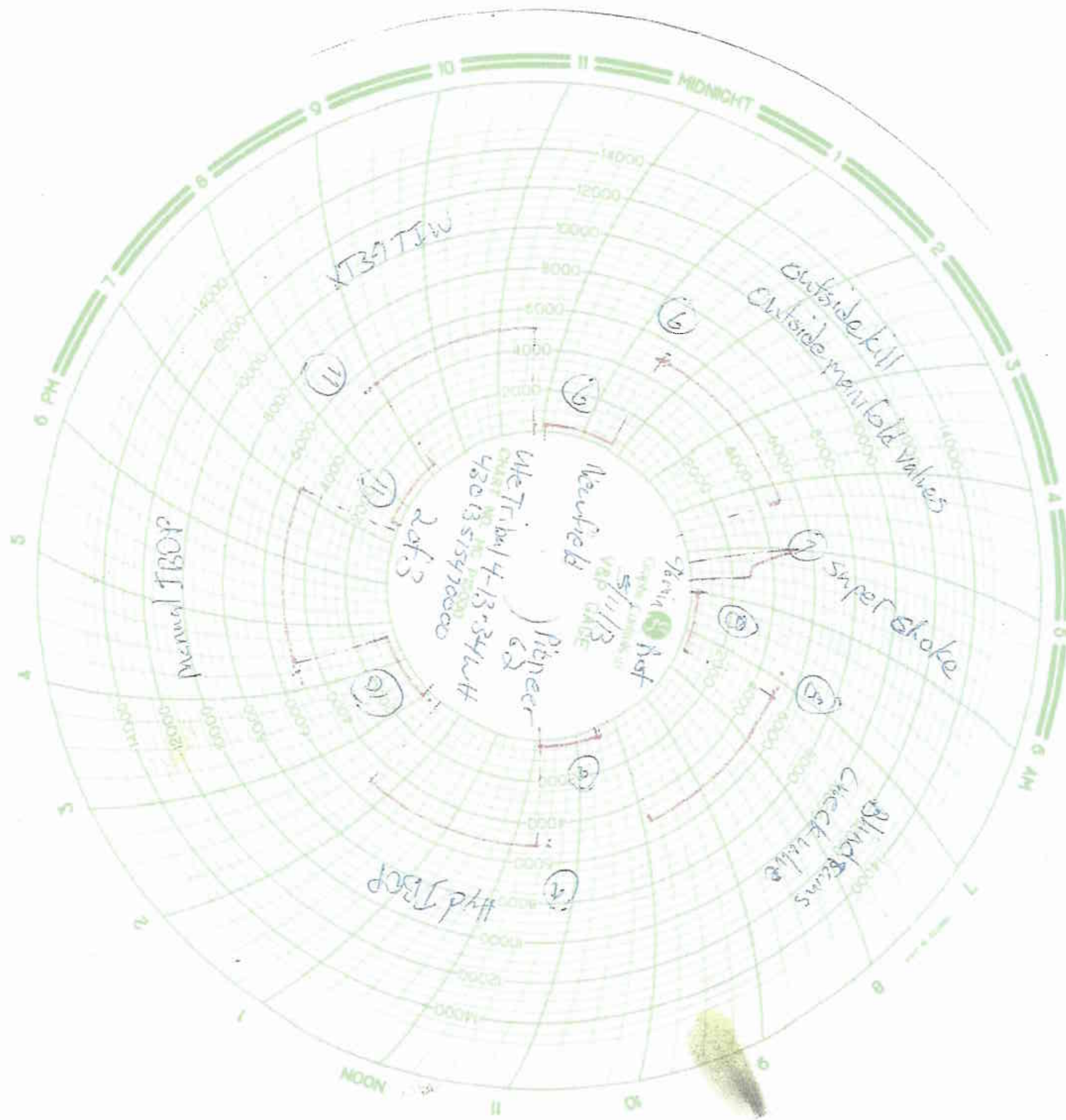
Acc. Tank Size (inches) (_____ W _____ D _____ L) ÷ 231 = _____ gal.

Rock Springs, WY (307) 382-3350

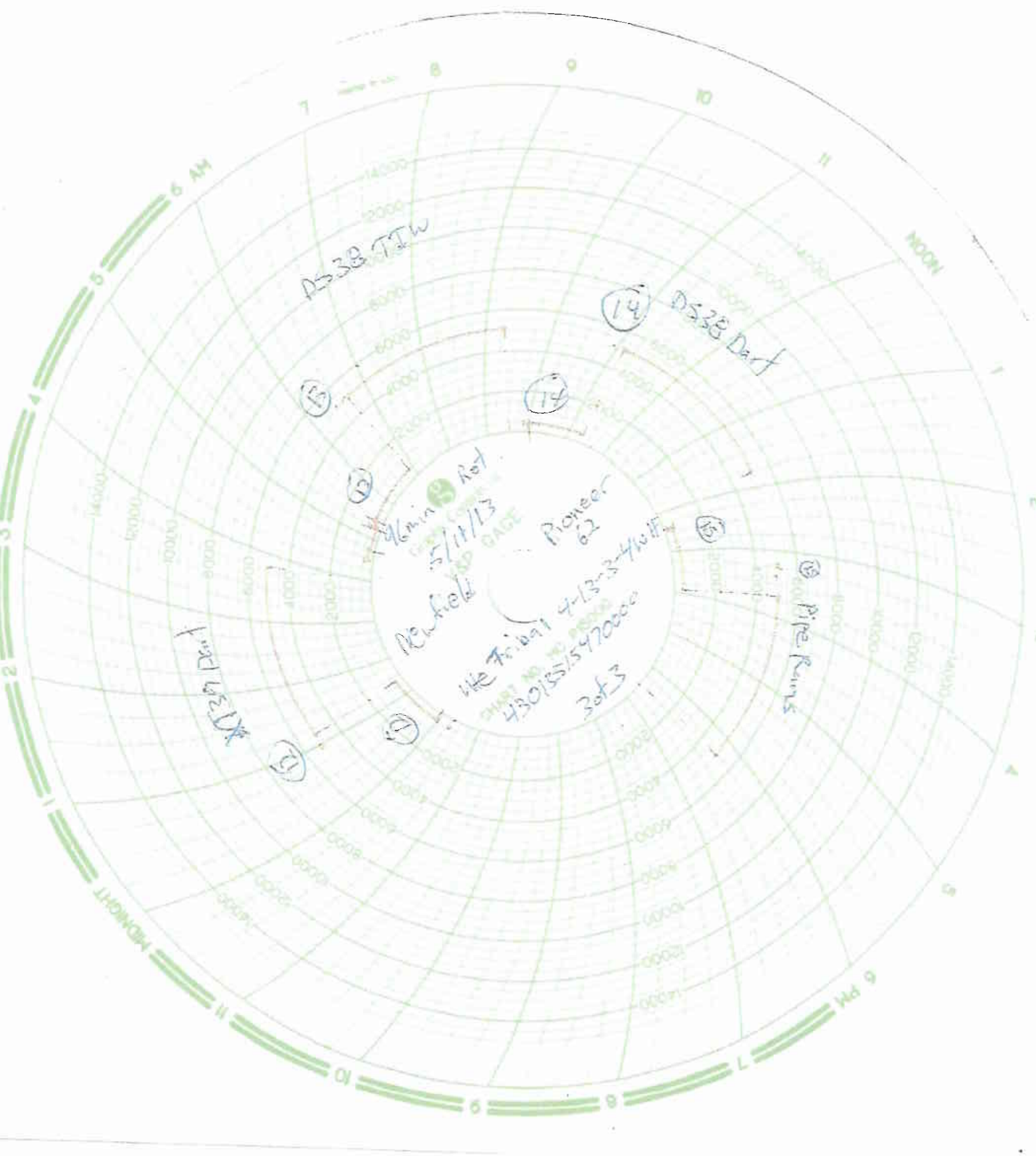
BOP TESTING, CASING TESTING, LEAK OFF TESTING, &
INTEGRITY TESTING
NIPPLE UP CREWS, NITROGEN CHARGING SERVICE



← Chart #2 on Reverse



MIDNIGHT
NOON
6 PM
6 AM
Outside kill
Outside manifold valves
super choke
Check valve
Blind rams
Hyd TBOP
manual TBOP
XT31 TIW
Newfield
Ute Tribal 4-13-3-4W
4301351540000
Pioneer 62
5/11/13


DS38 TIW
14
DS38 Dart
Pipe Runs
Pioneer
62
5/11/13
Rot
Newfield
4-13-3-4W
43013515470000
3 of 3
NOON
6 AM
6 PM
MIDNIGHT

EAGER BEAVER TESTERS INC.

P.O. BOX 1616
ROCK SPRINGS, WY 82902

PHONE:
CASPER - (307) 265-8147
ROCK SPRINGS - (307) 382-3350

BOP TEST REPORT

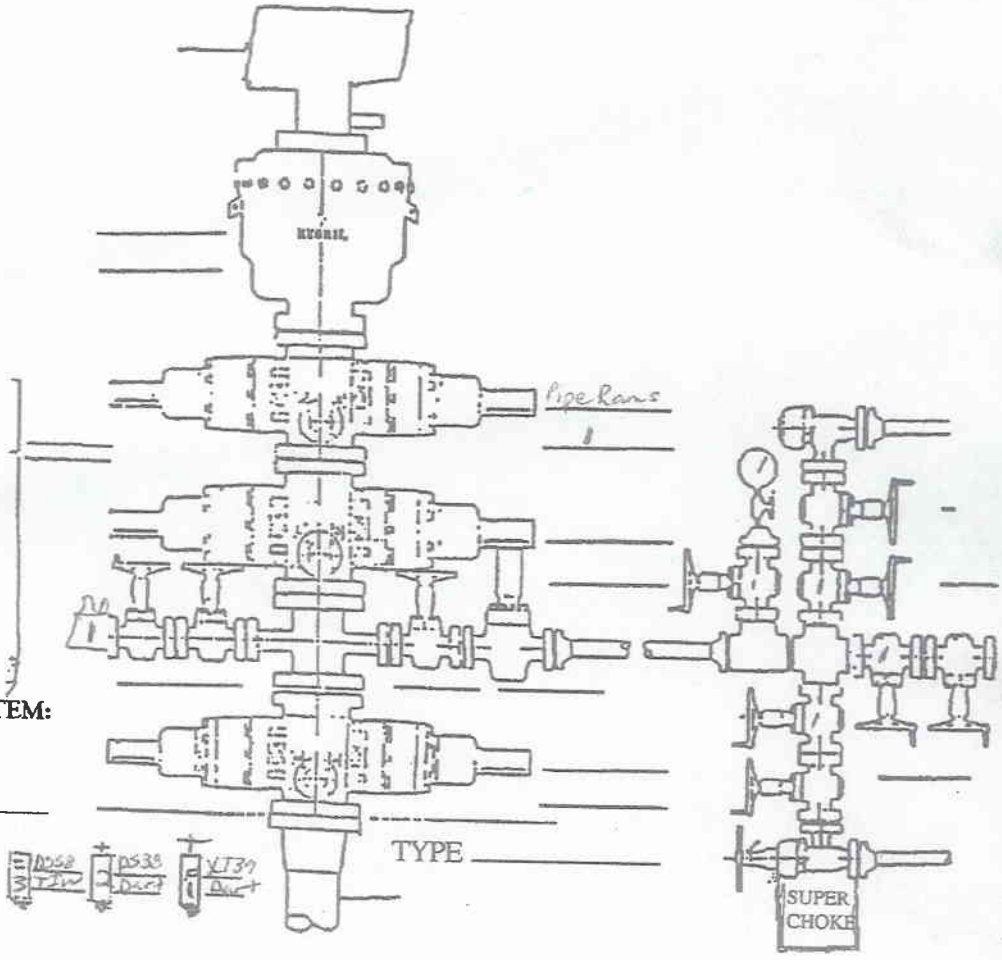
DATE: 4/27/13 OPERATOR: New Field RIG OR SITE#: Pioneer 62 SEC: 18 TNSHIP: 3S RANGE: 4W

FIELD: Wildcat WELL#: Ute Tribal 4-13-3-4W H TEST PRESSURE: 250/5000

4301351547 0000

EQUIPMENT PRESSURE TESTED:

ANNULAR 50%	-
UPPER PIPE RAMS	1
LOWER PIPE RAMS	-
BLIND RAMS	-
KILL LINE VALVES	1
HCR VALVE	-
CHOKE VALVES	-
MANIFOLD VALVES	1
SUPER CHOKE	-
MANUAL CHOKE	-
UPPER KELLY VALVE	-
LOWER KELLY VALVE	-
INSIDE BOP D S 38 TIW	3
FLOOR VALVE D S 38 Dart	2
CASING PRE.	-
XT. 39 Dart	1



ACCUMULATOR AND CLOSING SYSTEM:

NITROGEN PRECHARGE PSI_____
FIELD CHECK_____GUAGE CHECK_____
BOTTLES_____SPHERES_____

FUNCTION CHECK_____
PUMP CHECK_____
REMOTE OPERATION CHECK_____
HYDRAULIC FLUID LEVEL_____

OTHER TESTS: Doing test to outside Valves to test all the Breaks

EQUIPMENT TYPE_____PRESSURE_____

REPAIRS OR POTENTIAL PROBLEMS:

RECEIVED

MAY 0 2 2013

DIV. OF OIL, GAS & MINING

EAGER BEAVER TESTERS

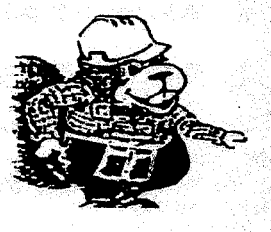
DATE: 4/27/13 COMPANY: New Field RIG: Pioneer 62 WELL NAME & #: Ute Tribal 4-13-3-4W4

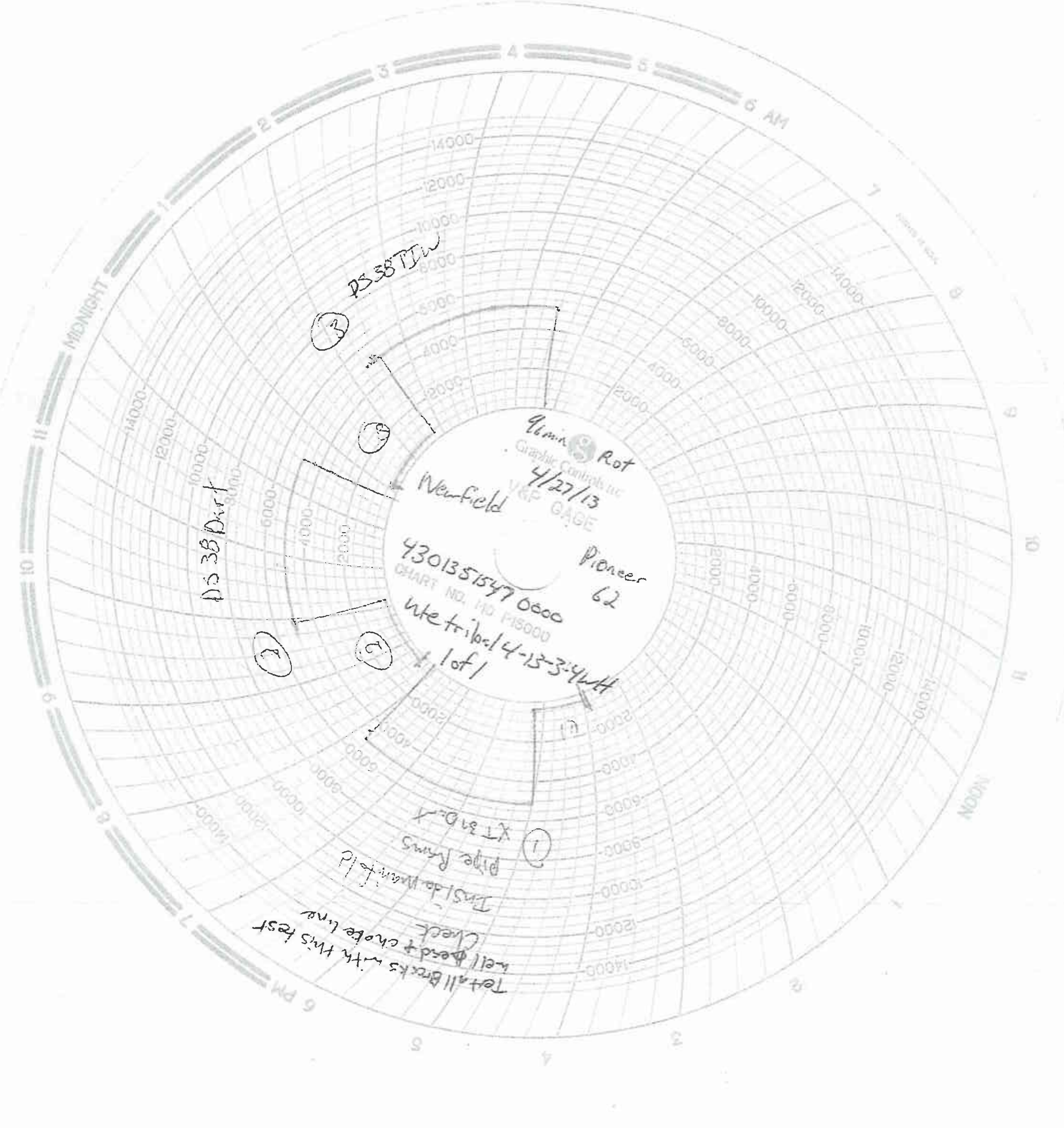
Time	Test No.	Results
10:39 AM ☒ PM ☐	1	Test all Breaks with this test well head + choke line Pipe Rams, Check, Inside manifold valves, XT39 Dart — Pass ☒ Fail ☐
11:20 AM ☒ PM ☐	2	DS38 Dart — Pass ☒ Fail ☐
11:43 AM ☒ PM ☐	3	DS38 TIW — Pass ☒ Fail ☐
AM ☐ PM ☐	4	Pass ☐ Fail ☐
AM ☐ PM ☐	5	Pass ☐ Fail ☐
AM ☐ PM ☐	6	Pass ☐ Fail ☐
AM ☐ PM ☐	7	Pass ☐ Fail ☐
AM ☐ PM ☐	8	Pass ☐ Fail ☐
AM ☐ PM ☐	9	Pass ☐ Fail ☐
AM ☐ PM ☐	10	Pass ☐ Fail ☐
AM ☐ PM ☐	11	Pass ☐ Fail ☐
AM ☐ PM ☐	12	Pass ☐ Fail ☐
AM ☐ PM ☐	13	Pass ☐ Fail ☐
AM ☐ PM ☐	14	Pass ☐ Fail ☐
AM ☐ PM ☐	Retest	Pass ☐ Fail ☐
AM ☐ PM ☐	Retest	Pass ☐ Fail ☐
AM ☐ PM ☐	Retest	Pass ☐ Fail ☐
AM ☐ PM ☐	Retest	Pass ☐ Fail ☐
AM ☐ PM ☐	Retest	Pass ☐ Fail ☐
AM ☐ PM ☐	Retest	Pass ☐ Fail ☐
AM ☐ PM ☐	Retest	Pass ☐ Fail ☐

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





Graphic Controls Inc
VGP GAGE
MIDNIGHT
6 AM
NOON
6 PM
Newfield
4/27/13
4301351547 0000
Ute tribal 4-13-3-4WH
1 of 1
Pioneer 62
DS 3B TIW
DS 3B Dart
Pipe Rams
Check

API Well Number: 43013515470000

PBTVD 9144'
BHL 673' FSL

Form 3160-4
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: 1420H626388

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

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

7. Unit or CA Agreement Name and No.:

2. Name of Operator: NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.: UTE TRIBAL 4-13-3-4WH

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

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

9. API Well No.: 43-013-51547

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

At surface: 41' FNL 1546' FWL (NE/NW) SEC 13 T3S R4W

10. Field and Pool or Exploratory: NATURAL BUTTES

11. Sec., T., R., M., on Block and Survey or Area: SEC 13 T3S R4W Mer UBM

At top prod. interval reported below: 445' FNL 703' FWL (NW/NW) SEC 13 T3S R4W

At total depth: 733' FSL 680' FWL (SW/SW) SEC 13 T3S R4W

12. County or Parish: DUCHESNE

13. State: UT

14. Date Spudded: 03/07/2013

15. Date T.D. Reached: 05/19/2013

16. Date Completed: 07/13/2013 ☐ D & A ☑ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*: 5652' GL 5670' KB

18. Total Depth: MD 13997' TVD 9138'

19. Plug Back T.D.: MD 13868' 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
13-1/2"	9-5/8" J-55	36	0'	2541'		780 CLASS G			
8-7/8"	7" P-110	29	0'	9419'		505 CLASS G		3178'	
						265 PREM LITE			
6-1/8"	4.5" P-110	13.5	8622'	10077'					

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@9211'	XN@9201'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	9886'	13868'	9886'-13868'		20	Sliding Sleeves
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9886'-13868'	Frac w/ 15,000#s of 100 Mesh, 516,777#s of 20/40 sand, 1,364,105#s of 30/50 sand in 33,110 bbls of Lightning 20 fluid, in 20 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
6/4/2013	6/14/13	24	→	539	438	1500			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)

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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	6864'
				GARDEN GULCH 1	7154'
				GARDEN GULCH 2	7320'
				DOUGLAS CREEK	7993'
				CASTLE PEAK	8918'
				UTELAND BUTTE	9240'
				WASATCH	9402'

32. Additional remarks (include plugging procedure):

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

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling daily activity

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

Name *(please print)* Heather Calder Title Regulatory Technician

Signature Heather Calder Date 01/27/2014

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.

(Continued on page 3)

RECEIVED: Jan. 27, 2014

SURVEY REPORT

Weatherford®

Report Date: **5/15/2013**
Customer: **Newfield Exploration**
Job Name: **4029170**
Well Name: **UTE TRIBAL 4-13-3-4WH**
Field: **Central Basin**
Rig: **Pioneer # 62**
Rig Loc: **Duchesne County**

Survey Calculation Method: **Minimum Curvature**

Magnetic Reference	Target Direction	Total Magnetic Field	Magnetic Dip Angle	Magnetic Declination	Grid Convergence	Total Correction
True North	**180.00 deg**	**52049 nT**	**65.78 deg**	**11.17 deg**	**0.00 deg**	**11.17 deg**

Survey Tie-On	Depth	INC	AZ	TVD	NS	EW
	0.00 ft	**0.00 deg**	**0.00 deg**	**0.00 ft**	**0.00 ft**	**0.00 ft**

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
73.00	0.04	29.00	73.00	0.02	0.01	-0.02	0.05
100.00	0.09	318.56	100.00	0.05	0.00	-0.05	0.32
130.00	0.22	4.92	130.00	0.12	-0.01	-0.12	0.57
159.00	0.13	47.68	159.00	0.20	0.02	-0.20	0.53
188.00	0.31	70.84	188.00	0.25	0.12	-0.25	0.68
217.00	0.31	113.51	217.00	0.24	0.27	-0.24	0.78
244.00	0.13	91.05	244.00	0.21	0.36	-0.21	0.73
272.00	0.40	66.80	272.00	0.25	0.49	-0.25	1.02
300.00	0.53	94.92	300.00	0.28	0.70	-0.28	0.92
327.00	0.26	64.73	327.00	0.29	0.88	-0.29	1.23
358.00	0.31	74.44	358.00	0.35	1.03	-0.35	0.22
388.00	0.31	71.85	388.00	0.39	1.18	-0.39	0.05
418.00	0.35	81.83	418.00	0.43	1.35	-0.43	0.23
448.00	0.48	104.82	447.99	0.41	1.56	-0.41	0.70
478.00	0.44	136.54	477.99	0.30	1.76	-0.30	0.85
508.00	0.44	96.81	507.99	0.20	1.96	-0.20	1.00
538.00	0.35	133.86	537.99	0.12	2.14	-0.12	0.88
568.00	0.44	133.11	567.99	-0.02	2.29	0.02	0.30
598.00	0.62	135.00	597.99	-0.21	2.49	0.21	0.60
628.00	0.57	130.17	627.99	-0.43	2.72	0.43	0.24
658.00	0.66	127.92	657.99	-0.63	2.97	0.63	0.31
688.00	0.70	106.66	687.98	-0.79	3.28	0.79	0.85
718.00	0.62	114.48	717.98	-0.91	3.60	0.91	0.40
748.00	0.79	102.05	747.98	-1.02	3.95	1.02	0.76
778.00	0.70	95.27	777.98	-1.08	4.34	1.08	0.42
808.00	0.83	100.59	807.98	-1.13	4.73	1.13	0.49
838.00	0.79	88.46	837.97	-1.17	5.15	1.17	0.59
868.00	0.62	87.50	867.97	-1.16	5.52	1.16	0.57
898.00	0.62	96.24	897.97	-1.17	5.84	1.17	0.31
928.00	0.70	73.30	927.97	-1.13	6.18	1.13	0.91
958.00	0.57	100.06	957.96	-1.10	6.50	1.10	1.07
988.00	0.75	87.89	987.96	-1.12	6.85	1.12	0.76
1018.00	0.73	94.89	1017.96	-1.13	7.23	1.13	0.31
1048.00	0.57	90.62	1047.96	-1.15	7.57	1.15	0.56
1078.00	0.88	84.51	1077.96	-1.13	7.95	1.13	1.06

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Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
1108.00	0.92	89.34	1107.95	-1.11	8.42	1.11	0.29
1138.00	0.70	91.76	1137.95	-1.11	8.85	1.11	0.74
1168.00	0.79	90.70	1167.95	-1.12	9.24	1.12	0.30
1198.00	1.01	81.04	1197.94	-1.08	9.70	1.08	0.89
1228.00	1.14	84.86	1227.94	-1.01	10.26	1.01	0.49
1258.00	1.19	86.97	1257.93	-0.97	10.87	0.97	0.22
1288.00	1.19	88.68	1287.92	-0.94	11.49	0.94	0.12
1318.00	1.27	87.10	1317.92	-0.92	12.14	0.92	0.29
1348.00	1.19	84.33	1347.91	-0.87	12.78	0.87	0.33
1378.00	1.18	69.59	1377.90	-0.73	13.38	0.73	1.01
1408.00	1.24	70.21	1407.90	-0.51	13.97	0.51	0.20
1438.00	1.19	70.31	1437.89	-0.30	14.57	0.30	0.17
1468.00	1.10	69.61	1467.89	-0.09	15.14	0.09	0.30
1498.00	1.01	86.18	1497.88	0.02	15.67	-0.02	1.06
1528.00	0.92	94.22	1527.88	0.02	16.17	-0.02	0.54
1558.00	0.88	83.06	1557.87	0.03	16.64	-0.03	0.60
1588.00	1.14	79.15	1587.87	0.12	17.16	-0.12	0.90
1618.00	0.97	91.10	1617.86	0.17	17.71	-0.17	0.92
1648.00	1.32	90.31	1647.86	0.16	18.31	-0.16	1.17
1678.00	1.27	84.68	1677.85	0.19	18.99	-0.19	0.46
1708.00	1.49	95.36	1707.84	0.19	19.71	-0.19	1.13
1738.00	1.49	102.61	1737.83	0.06	20.48	-0.06	0.63
1768.00	1.54	102.79	1767.82	-0.11	21.25	0.11	0.17
1798.00	1.54	94.79	1797.81	-0.23	22.04	0.23	0.72
1828.00	1.67	98.57	1827.80	-0.33	22.88	0.33	0.56
1858.00	1.46	99.89	1857.79	-0.46	23.69	0.46	0.71
1888.00	1.36	99.93	1887.78	-0.59	24.41	0.59	0.33
1918.00	1.71	103.14	1917.77	-0.75	25.20	0.75	1.20
1948.00	1.58	110.48	1947.75	-1.00	26.02	1.00	0.82
1978.00	1.85	110.96	1977.74	-1.32	26.86	1.32	0.90
2008.00	1.80	111.58	2007.72	-1.66	27.75	1.66	0.18
2038.00	1.89	111.84	2037.71	-2.02	28.65	2.02	0.30
2068.00	1.67	111.31	2067.69	-2.36	29.52	2.36	0.74
2098.00	1.58	114.87	2097.68	-2.70	30.30	2.70	0.45
2128.00	1.67	115.36	2127.67	-3.06	31.07	3.06	0.30
2158.00	1.67	118.61	2157.66	-3.46	31.85	3.46	0.32
2188.00	1.80	117.77	2187.64	-3.88	32.65	3.88	0.44
2218.00	1.67	117.73	2217.63	-4.31	33.45	4.31	0.43
2248.00	1.93	110.79	2247.62	-4.69	34.31	4.69	1.13
2278.00	2.11	119.09	2277.60	-5.14	35.27	5.14	1.14
2308.00	1.93	125.11	2307.58	-5.70	36.16	5.70	0.93
2338.00	1.63	135.26	2337.56	-6.29	36.88	6.29	1.45
2368.00	1.63	132.58	2367.55	-6.88	37.49	6.88	0.25
2398.00	1.67	143.66	2397.54	-7.52	38.06	7.52	1.07
2428.00	1.58	153.37	2427.53	-8.24	38.51	8.24	0.96
2458.00	1.54	150.86	2457.52	-8.97	38.89	8.97	0.26
2488.00	1.63	154.56	2487.50	-9.70	39.27	9.70	0.45
2518.00	1.71	144.14	2517.49	-10.45	39.72	10.45	1.05
2649.00	1.67	165.71	2648.44	-13.89	41.33	13.89	0.48
2712.00	1.44	232.07	2711.42	-15.26	40.93	15.26	2.72

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Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
2775.00	1.42	226.68	2774.40	-16.28	39.74	16.28	0.22
2838.00	2.13	249.38	2837.37	-17.23	38.08	17.23	1.57
2901.00	2.59	253.41	2900.31	-18.05	35.62	18.05	0.78
2964.00	3.52	262.66	2963.22	-18.70	32.34	18.70	1.67
3027.00	5.16	272.30	3026.04	-18.84	27.59	18.84	2.84
3090.00	5.77	274.27	3088.76	-18.49	21.60	18.49	1.01
3153.00	6.46	278.17	3151.40	-17.75	14.93	17.75	1.28
3216.00	7.79	281.87	3213.91	-16.37	7.24	16.37	2.23
3279.00	8.59	290.97	3276.27	-13.80	-1.33	13.80	2.41
3342.00	9.80	299.78	3338.46	-9.46	-10.38	9.46	2.94
3405.00	10.34	297.77	3400.49	-4.16	-20.03	4.16	1.02
3469.00	10.88	293.91	3463.40	0.96	-30.64	-0.96	1.39
3531.00	10.94	298.93	3524.28	6.18	-41.13	-6.18	1.54
3595.00	11.13	299.49	3587.10	12.16	-51.83	-12.16	0.34
3658.00	9.87	298.22	3649.04	17.71	-61.88	-17.71	2.03
3721.00	10.57	296.03	3711.04	22.80	-71.83	-22.80	1.27
3784.00	9.87	293.88	3773.04	27.52	-81.96	-27.52	1.27
3846.00	10.10	292.07	3834.10	31.71	-91.85	-31.71	0.63
3910.00	10.01	291.49	3897.12	35.86	-102.23	-35.86	0.21
3973.00	10.40	293.03	3959.12	40.09	-112.56	-40.09	0.76
4036.00	11.04	292.59	4021.02	44.63	-123.36	-44.63	1.02
4099.00	10.25	290.24	4082.94	48.89	-134.19	-48.89	1.43
4162.00	10.73	288.74	4144.88	52.71	-145.00	-52.71	0.88
4225.00	10.57	289.12	4206.80	56.49	-156.01	-56.49	0.28
4289.00	10.49	295.87	4269.72	60.95	-166.80	-60.95	1.93
4352.00	9.86	295.92	4331.73	65.81	-176.82	-65.81	1.00
4416.00	9.97	295.97	4394.78	70.63	-186.72	-70.63	0.17
4479.00	9.63	296.87	4456.86	75.40	-196.33	-75.40	0.59
4542.00	9.22	299.00	4519.01	80.23	-205.44	-80.23	0.85
4605.00	9.53	297.56	4581.16	85.09	-214.48	-85.09	0.62
4669.00	9.14	290.26	4644.32	89.30	-223.95	-89.30	1.95
4732.00	9.32	290.54	4706.50	92.83	-233.42	-92.83	0.29
4795.00	9.83	293.80	4768.63	96.79	-243.12	-96.79	1.18
4859.00	9.83	292.74	4831.69	101.10	-253.15	-101.10	0.28
4922.00	11.23	296.51	4893.62	105.92	-263.60	-105.92	2.48
4985.00	10.14	295.50	4955.53	111.05	-274.10	-111.05	1.76
5048.00	11.24	295.91	5017.44	116.12	-284.63	-116.12	1.75
5112.00	12.43	296.92	5080.08	121.96	-296.38	-121.96	1.89
5175.00	11.79	293.23	5141.67	127.57	-308.34	-127.57	1.59
5238.00	11.20	296.05	5203.41	132.79	-319.75	-132.79	1.29
5301.00	11.15	300.48	5265.22	138.57	-330.50	-138.57	1.36
5364.00	9.53	296.47	5327.19	143.99	-340.42	-143.99	2.81
5428.00	9.74	296.77	5390.29	148.79	-349.99	-148.79	0.34
5491.00	9.29	295.51	5452.42	153.38	-359.34	-153.38	0.79
5554.00	9.36	298.02	5514.59	157.97	-368.45	-157.97	0.66
5617.00	10.42	306.60	5576.66	163.78	-377.55	-163.78	2.88
5681.00	9.28	306.82	5639.71	170.32	-386.33	-170.32	1.78
5744.00	10.16	310.56	5701.81	176.98	-394.62	-176.98	1.72
5807.00	11.79	310.80	5763.65	184.80	-403.71	-184.80	2.59
5870.00	10.22	310.02	5825.49	192.60	-412.86	-192.60	2.50

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Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
5934.00	8.94	308.65	5888.60	199.35	-421.09	-199.35	2.03
5997.00	8.74	306.00	5950.85	205.22	-428.79	-205.22	0.72
6060.00	9.68	300.96	6013.04	210.76	-437.20	-210.76	1.96
6124.00	10.05	290.86	6076.10	215.52	-447.04	-215.52	2.76
6187.00	9.43	279.89	6138.20	218.36	-457.26	-218.36	3.10
6250.00	9.15	283.05	6200.37	220.38	-467.22	-220.38	0.92
6313.00	9.09	289.81	6262.57	223.20	-476.79	-223.20	1.70
6376.00	9.17	294.14	6324.78	226.94	-486.05	-226.94	1.10
6440.00	8.14	290.60	6388.05	230.62	-494.94	-230.62	1.81
6503.00	8.71	292.84	6450.37	234.04	-503.52	-234.04	1.04
6566.00	9.58	296.56	6512.57	238.24	-512.60	-238.24	1.67
6629.00	9.68	298.86	6574.68	243.14	-521.93	-243.14	0.63
6693.00	8.84	297.42	6637.85	248.00	-531.01	-248.00	1.36
6756.00	8.35	292.03	6700.14	251.94	-539.54	-251.94	1.50
6819.00	8.66	291.59	6762.45	255.40	-548.19	-255.40	0.50
6882.00	7.84	290.54	6824.79	258.66	-556.63	-258.66	1.32
6946.00	7.87	283.80	6888.19	261.23	-564.97	-261.23	1.44
7009.00	8.55	289.57	6950.55	263.83	-573.57	-263.83	1.69
7072.00	7.55	292.64	7012.93	266.99	-581.81	-266.99	1.73
7135.00	8.67	300.64	7075.30	271.01	-589.71	-271.01	2.52
7199.00	9.40	300.20	7138.50	276.09	-598.38	-276.09	1.15
7262.00	11.06	294.90	7200.50	281.23	-608.31	-281.23	3.03
7325.00	11.09	296.46	7262.33	286.47	-619.21	-286.47	0.48
7389.00	9.83	290.24	7325.27	291.10	-629.85	-291.10	2.64
7452.00	9.97	289.20	7387.33	294.76	-640.05	-294.76	0.36
7515.00	10.12	292.71	7449.36	298.69	-650.30	-298.69	1.00
7579.00	10.19	289.72	7512.36	302.77	-660.82	-302.77	0.83
7643.00	9.46	292.30	7575.42	306.68	-671.01	-306.68	1.33
7706.00	8.62	297.62	7637.64	310.83	-679.99	-310.83	1.88
7769.00	9.79	300.52	7699.83	315.74	-688.79	-315.74	2.00
7832.00	11.54	301.29	7761.74	321.73	-698.79	-321.73	2.79
7895.00	10.55	298.95	7823.57	327.80	-709.22	-327.80	1.72
7958.00	9.58	297.00	7885.60	332.97	-718.94	-332.97	1.63
8021.00	9.99	296.68	7947.68	337.80	-728.49	-337.80	0.66
8084.00	9.09	293.47	8009.81	342.24	-737.94	-342.24	1.66
8147.00	10.15	295.78	8071.93	346.63	-747.50	-346.63	1.79
8211.00	9.58	295.46	8134.98	351.38	-757.39	-351.38	0.89
8275.00	10.08	296.31	8198.04	356.15	-767.22	-356.15	0.81
8338.00	8.74	292.71	8260.19	360.44	-776.57	-360.44	2.32
8402.00	7.81	286.71	8323.52	363.57	-785.22	-363.57	1.98
8465.00	6.49	284.19	8386.03	365.67	-792.78	-365.67	2.15
8528.00	5.80	281.98	8448.67	367.20	-799.34	-367.20	1.16
8591.00	4.82	280.76	8511.40	368.36	-805.06	-368.36	1.57
8654.00	4.09	273.70	8574.21	369.00	-809.90	-369.00	1.45
8717.00	2.91	239.53	8637.10	368.33	-813.52	-368.33	3.72
8781.00	3.44	206.26	8701.00	365.79	-815.77	-365.79	2.95
8812.00	4.54	188.34	8731.93	363.74	-816.36	-363.74	5.32
8844.00	4.93	186.66	8763.82	361.12	-816.70	-361.12	1.29
8875.00	7.93	185.09	8794.62	357.67	-817.05	-357.67	9.69
8907.00	11.10	182.73	8826.18	352.39	-817.39	-352.39	9.98

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Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
8939.00	15.57	184.36	8857.31	345.03	-817.86	-345.03	14.02
8971.00	19.80	183.82	8887.79	335.33	-818.55	-335.33	13.23
9002.00	24.34	184.52	8916.51	323.72	-819.40	-323.72	14.67
9034.00	28.54	183.04	8945.16	309.50	-820.33	-309.50	13.28
9066.00	32.24	183.15	8972.75	293.34	-821.20	-293.34	11.56
9098.00	35.50	184.32	8999.32	275.55	-822.37	-275.55	10.39
9129.00	39.40	186.00	9023.93	256.78	-824.08	-256.78	13.00
9160.00	41.77	186.72	9047.47	236.74	-826.32	-236.74	7.79
9192.00	44.36	186.87	9070.85	215.05	-828.90	-215.05	8.10
9223.00	46.97	186.53	9092.51	193.03	-831.49	-193.03	8.46
9255.00	50.06	186.11	9113.70	169.20	-834.13	-169.20	9.71
9287.00	52.00	185.43	9133.83	144.45	-836.62	-144.45	6.28
9319.00	53.87	183.78	9153.11	119.00	-838.67	-119.00	7.15
9350.00	55.50	182.53	9171.03	93.74	-840.06	-93.74	6.20
9442.00	59.49	178.75	9220.48	16.20	-840.87	-16.20	5.55
9474.00	60.97	179.07	9236.36	-11.57	-840.34	11.57	4.71
9506.00	62.44	179.37	9251.53	-39.75	-839.96	39.75	4.67
9537.00	63.73	179.71	9265.56	-67.39	-839.74	67.39	4.27
9569.00	66.19	179.75	9279.11	-96.38	-839.60	96.38	7.69
9600.00	68.69	179.86	9291.00	-125.00	-839.50	125.00	8.07
9632.00	70.51	180.23	9302.15	-154.99	-839.53	154.99	5.79
9664.00	73.29	180.58	9312.09	-185.41	-839.74	185.41	8.75
9695.00	75.48	180.81	9320.44	-215.26	-840.11	215.26	7.10
9727.00	79.15	181.09	9327.46	-246.47	-840.62	246.47	11.50
9758.00	81.65	181.00	9332.63	-277.03	-841.18	277.03	8.07
9790.00	84.57	180.74	9336.47	-308.79	-841.66	308.79	9.16
9822.00	86.54	180.89	9338.95	-340.69	-842.12	340.69	6.17
9853.00	89.88	181.11	9339.92	-371.66	-842.66	371.66	10.80
9885.00	93.02	181.85	9339.11	-403.64	-843.48	403.64	10.08
9916.00	95.56	182.37	9336.79	-434.53	-844.62	434.53	8.36
9948.00	95.55	181.95	9333.69	-466.35	-845.82	466.35	1.31
9980.00	90.31	180.28	9332.06	-498.29	-846.44	498.29	17.18
10011.00	90.00	179.44	9331.97	-529.29	-846.37	529.29	2.89
10043.00	92.77	180.35	9331.20	-561.28	-846.31	561.28	9.11
10075.00	96.11	180.03	9328.72	-593.18	-846.41	593.18	10.48
10106.00	92.16	178.36	9326.49	-624.09	-845.98	624.09	13.83
10138.00	89.63	177.32	9325.99	-656.06	-844.77	656.06	8.55
10169.00	90.99	177.55	9325.82	-687.03	-843.38	687.03	4.45
10201.00	93.52	177.88	9324.56	-718.97	-842.11	718.97	7.97
10233.00	91.85	177.77	9323.06	-750.91	-840.90	750.91	5.23
10264.00	93.52	178.26	9321.61	-781.86	-839.82	781.86	5.61
10296.00	94.26	179.05	9319.44	-813.78	-839.07	813.78	3.38
10328.00	95.93	179.86	9316.60	-845.65	-838.77	845.65	5.80
10359.00	94.94	179.01	9313.66	-876.51	-838.47	876.51	4.20
10391.00	91.85	177.49	9311.77	-908.43	-837.49	908.43	10.76
10422.00	92.04	177.55	9310.72	-939.38	-836.15	939.38	0.64
10454.00	93.02	178.04	9309.30	-971.33	-834.92	971.33	3.42
10486.00	91.36	177.95	9308.08	-1003.28	-833.80	1003.28	5.20
10517.00	89.26	177.58	9307.91	-1034.26	-832.59	1034.26	6.88
10549.00	91.91	178.56	9307.59	-1066.23	-831.51	1066.23	8.83

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10581.00	93.21	179.27	9306.16	-1098.20	-830.91	1098.20	4.63
10613.00	93.82	180.95	9304.19	-1130.13	-830.97	1130.13	5.58
10644.00	94.69	181.39	9301.89	-1161.04	-831.60	1161.04	3.14
10676.00	97.30	181.67	9298.55	-1192.85	-832.45	1192.85	8.20
10707.00	99.53	181.76	9294.02	-1223.50	-833.37	1223.50	7.20
10739.00	98.11	181.86	9289.11	-1255.11	-834.37	1255.11	4.45
10771.00	97.98	182.33	9284.63	-1286.77	-835.53	1286.77	1.51
10802.00	97.73	182.00	9280.39	-1317.46	-836.69	1317.46	1.33
10834.00	94.94	181.27	9276.86	-1349.25	-837.59	1349.25	9.01
10865.00	92.90	180.24	9274.74	-1380.17	-838.00	1380.17	7.37
10897.00	91.66	179.78	9273.47	-1412.14	-838.01	1412.14	4.13
10929.00	92.53	179.92	9272.30	-1444.12	-837.92	1444.12	2.75
10960.00	92.10	179.81	9271.05	-1475.10	-837.85	1475.10	1.43
10992.00	91.79	180.12	9269.96	-1507.08	-837.83	1507.08	1.37
11023.00	93.33	179.94	9268.58	-1538.05	-837.85	1538.05	5.00
11055.00	91.79	179.99	9267.15	-1570.01	-837.83	1570.01	4.82
11086.00	92.84	180.02	9265.90	-1600.99	-837.83	1600.99	3.39
11118.00	90.18	179.37	9265.05	-1632.97	-837.66	1632.97	8.56
11150.00	88.33	178.38	9265.47	-1664.96	-837.03	1664.96	6.56
11181.00	89.75	178.11	9265.99	-1695.94	-836.08	1695.94	4.66
11213.00	92.10	178.42	9265.47	-1727.92	-835.11	1727.92	7.41
11245.00	91.17	178.37	9264.56	-1759.90	-834.22	1759.90	2.91
11276.00	90.86	178.25	9264.01	-1790.88	-833.30	1790.88	1.07
11308.00	90.62	178.26	9263.60	-1822.86	-832.33	1822.86	0.75
11339.00	90.55	178.34	9263.28	-1853.85	-831.41	1853.85	0.34
11371.00	90.43	178.39	9263.01	-1885.83	-830.50	1885.83	0.41
11403.00	90.92	178.89	9262.63	-1917.82	-829.74	1917.82	2.19
11434.00	91.48	179.40	9261.98	-1948.81	-829.27	1948.81	2.44
11466.00	92.47	179.94	9260.88	-1980.79	-829.09	1980.79	3.52
11497.00	93.95	180.67	9259.14	-2011.74	-829.25	2011.74	5.32
11529.00	94.63	181.02	9256.75	-2043.65	-829.72	2043.65	2.39
11592.00	94.57	181.06	9251.70	-2106.43	-830.86	2106.43	0.11
11656.00	94.81	181.15	9246.46	-2170.21	-832.09	2170.21	0.40
11719.00	95.19	181.40	9240.97	-2232.95	-833.49	2232.95	0.72
11783.00	94.38	181.21	9235.63	-2296.71	-834.94	2296.71	1.30
11846.00	94.07	180.72	9230.99	-2359.53	-836.00	2359.53	0.92
11909.00	93.08	181.08	9227.06	-2422.40	-836.99	2422.40	1.67
11972.00	91.85	181.58	9224.35	-2485.32	-838.45	2485.32	2.11
12004.00	92.77	181.91	9223.06	-2517.28	-839.42	2517.28	3.05
12036.00	93.44	182.53	9221.33	-2549.21	-840.66	2549.21	2.85
12067.00	93.21	182.19	9219.53	-2580.13	-841.94	2580.13	1.32
12099.00	91.48	182.66	9218.22	-2612.07	-843.29	2612.07	5.60
12131.00	89.82	182.61	9217.86	-2644.04	-844.76	2644.04	5.19
12162.00	89.32	182.28	9218.09	-2675.01	-846.08	2675.01	1.93
12194.00	90.37	181.41	9218.18	-2706.99	-847.11	2706.99	4.26
12226.00	90.92	181.31	9217.82	-2738.98	-847.87	2738.98	1.75
12257.00	91.11	181.22	9217.27	-2769.97	-848.56	2769.97	0.68
12289.00	91.48	181.88	9216.55	-2801.95	-849.42	2801.95	2.36
12320.00	91.54	181.97	9215.73	-2832.92	-850.46	2832.92	0.35
12352.00	91.54	182.47	9214.87	-2864.88	-851.70	2864.88	1.56

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12383.00	91.97	182.78	9213.92	-2895.84	-853.12	2895.84	1.71
12415.00	92.84	183.15	9212.58	-2927.76	-854.77	2927.76	2.95
12446.00	92.84	182.92	9211.04	-2958.68	-856.41	2958.68	0.74
12484.00	93.21	182.35	9209.04	-2996.59	-858.16	2996.59	1.79
12516.00	93.27	182.69	9207.23	-3028.51	-859.56	3028.51	1.08
12547.00	92.65	182.60	9205.63	-3059.43	-860.99	3059.43	2.02
12579.00	91.60	182.04	9204.44	-3091.38	-862.29	3091.38	3.72
12610.00	91.05	180.74	9203.72	-3122.37	-863.04	3122.37	4.55
12642.00	91.23	180.71	9203.09	-3154.36	-863.44	3154.36	0.57
12674.00	90.37	179.94	9202.64	-3186.35	-863.62	3186.35	3.61
12705.00	90.06	179.20	9202.52	-3217.35	-863.39	3217.35	2.59
12737.00	90.06	179.36	9202.49	-3249.35	-862.99	3249.35	0.50
12800.00	91.17	178.23	9201.81	-3312.33	-861.66	3312.33	2.51
12832.00	92.47	177.93	9200.80	-3344.29	-860.59	3344.29	4.17
12863.00	93.64	178.58	9199.15	-3375.24	-859.65	3375.24	4.32
12927.00	92.47	179.37	9195.74	-3439.13	-858.51	3439.13	2.20
12990.00	92.59	180.09	9192.95	-3502.07	-858.21	3502.07	1.16
13054.00	93.45	180.92	9189.58	-3565.98	-858.77	3565.98	1.87
13116.00	92.77	181.64	9186.22	-3627.87	-860.16	3627.87	1.60
13180.00	93.21	182.00	9182.88	-3691.75	-862.19	3691.75	0.89
13243.00	93.09	182.00	9179.42	-3754.62	-864.38	3754.62	0.19
13307.00	93.09	182.59	9175.97	-3818.47	-866.94	3818.47	0.92
13370.00	93.46	183.22	9172.37	-3881.29	-870.13	3881.29	1.16
13433.00	93.20	183.34	9168.71	-3944.08	-873.73	3944.08	0.45
13497.00	94.07	181.18	9164.65	-4007.90	-876.25	4007.90	3.63
13560.00	93.46	182.03	9160.52	-4070.73	-878.01	4070.73	1.66
13623.00	91.91	180.05	9157.56	-4133.65	-879.15	4133.65	3.99
13686.00	92.65	177.88	9155.06	-4196.59	-878.01	4196.59	3.64
13750.00	93.70	177.86	9151.51	-4260.44	-875.64	4260.44	1.64
13813.00	93.64	177.77	9147.48	-4323.27	-873.24	4323.27	0.17
13876.00	92.77	177.88	9143.96	-4386.12	-870.85	4386.12	1.39
13939.00	92.71	177.44	9140.95	-4449.00	-868.28	4449.00	0.70
Projected to Total Depth:							
13997.00	92.71	177.44	9138.13	-4508.53	-865.62	4508.53	0.00

Weatherford Surveys from 2649 ft MD to 13939 ft MD.
TD at 13997 ft MD.
The total correction is 11.17 deg relative to True North.

RECEIVED: Jan. 27, 2014

Daily Activity Report

Format For Sundry

UTE TRIBAL 4-13-3-4WH

4/1/2013 To 8/30/2013

5/22/2013 Day: 1 **Completion**

Rigless on 5/22/2013 - Location handover. Install & test tubing head. NU & test HCR valve. - Wait on wireline truck to run CBL & Caliper log. - Remove 2 1/2" BPV & tubing hanger. Install 7 1/16" nightcap. Release Cameron & FMC service hands. Release weatherford crane & testers. - Ck psi on well. 0 psi. Remove 11" 10K nightcap. NU Cameron 11" 10K X 7 1/16" 10K tubinghead w/ dual double 1 13/16" 10K outlet valves. Pressure test void to 5K for 10 minutes. No bleedoff. Release pressure. NU FMC 7 1/16" 10K HCR vlave. Function HCR valve. Pull 6" BPV. Install tubing hanger w/ 2 1/2" BPV. Shell test HCR valve 250 psi low for 5 minutes & 10,000 psi high for 10 minutes. No bleedoff. Release pressure. - Location inspection w/ Drilling Deparment. Handover location from drilling to Completions.
Daily Cost: $0
Cumulative Cost: $26,295

5/23/2013 Day: 2 **Completion**

Rigless on 5/23/2013 - RU JWWL. Run 6' guage ring. Run caliper, magnetic thickness & CBL logs. Spot frac & flowback tanks. - 13:45 ? Stop @ 8800?. Set tools & prepare to log. 14:15 ? Run 0 psi 1000? repeat section log from 8800? to 7800?. 15:00 ? Stop 0 psi 1000? repeat section log. RIH back to 8800?. 15:30 ? Pressure well to 1500 psi. 15:45 ? Log under 1500 psi from 8800? to surface w/ J-W W. TOC at 3176'. All tools recovered. RD lubricator, crane, and WL trk. - RIH w/ 6.0" GR to 8648' WL tag. (8,623' TOL). POOH. LD GR. PU calibrate & function 40 finger caliper tool & CBL. 10:30 - Fix leaks & pressure test lubricator to 5K for 5 minutes. Continue to spot frac tanks & flowback tanks. Spot & RU Rockwater flowback equipment. Set & pull test guyline anchors.11:45 ? Good test on lubricator. Release pressure. Open HCR valve & RIH w/ 40 finger caliper tool & CBL assembly. - NU 10k 7-1/16? `Lower Master? hydraulic frac valve (HCR) (already installed), 10K 7-1/16? upper master valve, 10k 7-1/16? flow cross with double 4" outlets and double 2-1/16? outlets, and 10k 7-1/16? `Crown? master valve. - Complete JW WL RU with 6.0" GR, jars, CCL and weight bar. Pressure test lubrucator to 5K fo 5 minutes. Good test. Release pressure. Open HCR valve. Continue to spot frac tanks & flowback tanks. - Standby for comformation on equipment use. - JW continue to RU 7" lube and prepare to RIH with 3.75" GR. - Oil States Lube on location with out tool trap. Standby to locate a replacement. - Conduct PJSM, MIRU JW WLU and wait for Oil States 7" lube pkg. - MIRU Drillcomm communications pkg and test.
Daily Cost: $0
Cumulative Cost: $122,663

5/24/2013 Day: 3 **Completion**

Rigless on 5/24/2013 - Spot & load sand bins. Fill frac tanks. Pressure test frac stack & flowback iron. - 18:00 ? Rockwater loading frac tanks. 11 of 15 frac tanks full. Transfer rate: 35 bpm @ 165 psi. Continue to load sand kings. 18 of 22 loads offloaded. Waiting on Baker frac equipment. Supervisor changeover. George Kartchner off duty. Jim Baker on duty. Spot in and RU frac equipment. - Continue NU frac stack with 10K ball launcher above flow cross.Test sand trap, trash catcher, and valves to 10k, all OK. Shell test frac stack, ball catcher, ball launcher, and wing valves to 250 psi and 10,000 psi, all test OK. Release pressure. RD & release Weatherford pressure tester. Baker sand kings on location.Wait for Baker supervisor to spot bins. - 09:00 ? Spot 2 of 3 Baker sand kings. 09:30 ? Load Baker Sand Kings w/ frac

sand. 10:00 ? Spot & RU Baker water manifold. Jensen Electric ground flowback tanks & flowback iron 13:00 ? Continue to fill sand kings. Install Baker frac head on frac. Prime Rockwater transfer line. SD pump. Repair seal leaks.
Daily Cost: $0
Cumulative Cost: $153,785

5/25/2013 Day: 4 **Completion**

Rigless on 5/25/2013 - Finish RU Baker frac equipment. Pressure test pumps & lines. Set popoff. Start frac. - 2130-JSA and safety meeting. Test lines to 9,800 psi, OK. Frac Green River stage 2 as follows: avg rate 35 bpm, avg press 5,973 psi, max rate 38 bpm, max press 8,135 psi. Pmp 40 bbl 15% HCl. Fracked with 1,861 bbl of 20# Lightning slickwater. 4,879# 0.5-1.0 PPG 100 mesh and 93,255 lbs of 0.5 ? 3.5 PPG 30/50 CRC. Avg HHP: 5,124. Sleeve shifted at 6,429 psi. 5,209 psi before shifting. 4,425 psi after shifting. 100% sand placed on formation. - RU frac equipment. 06:00 - Supervisor changeover. George Kartchner on duty. Jim Baker off duty. - Location Safety Mtg. Prime pumps and test lines to 9,800 psi, OK. Frac Green River stage 1 as follows: Avg rate: 26 bpm, Avg press: 7,518 psi, Max rate: 30 Max press: 8,318 Psi. Pmp 40 bbl 15% HCl. Fracked with 1,774 bbl of 20# Lightning slickwater. 4,753# 0.5-1.0 PPG 100 mesh and 80,546 lbs of 0.5 ? 3.5 PPG 30/50 CRC. Avg HHP: 4,791. Sleeve shifted at 6,176 psi. 4,562 psi before shifting. 4,645 psi after shifting. 100% sand placed on formation. - 10:30 ? JSA & safety meeting. Review JSA and discuss Safety meeting Area, PPE FRC Clothing, Pinch Points, Line Of fire, Pressure Release, Smoking Area High & Pressure Lines. Discuss current operations. 11:00 ? Set & check valve on frac lines & flowback lines. Prime pumps & lines. Pressure test pumps & lines. Release pressure. Fix leaks. 13:00 ? Remove frac head. Replace ?O?ring. Re-install & torque frac head. 14:30 ? Prime & pressure test pumps & lines. 15:30 ? Pressure test pumps & frac lines to 9850 psi. Good test. Release pressure. 15:45 ? Set popoff to 8800 psi. Release pressure. Start mixing gel. 16:15 ? Remove top cap from frac head. Drop 7/8? toe ball. Replace & tighten top cap on frac head. Open Crown valve. 16:30 ? Retest frac stack & lines above upper master valve to 9000 psi.
Daily Cost: $0
Cumulative Cost: $262,036

5/26/2013 Day: 5 **Completion**

Rigless on 5/26/2013 - Frac - 05:00 - JSA and safety meeting. Test lines to 9,700 psi, OK. Frac Basal Carbonate stage 5 as follows: avg rate 36 bpm, avg press 5,590 psi, max rate 37 bpm, max press 7,921 psi. Fracked with 873 bbl of 17# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 114,149 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 4,932. Sleeve shifted at 6,010 psi. 4,729 psi before shifting. 4,173 psi after shifting. Shut in well to drop ball @ 05:48. Lost blender tub when going to flush. Overall job went well. 06:22 - JSA and safety meeting. Test lines to 9,700 psi, OK. Frac Basal Carbonate stage #6 as follows: avg rate 35 bpm, avg press 5,059 psi, max rate 39 bpm, max press 6,229 psi. Fracked with 858 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 114,346 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 4,394. Sleeve shifted at 5,891 psi. 4,303 psi before shifting. 4,555 psi after shifting. Shut in well to drop ball @ 07:40. Stage went well. - JSA and safety meeting. Test lines to 9,630 psi, OK. Frac Basal Carbonate stage 4 as follows: avg rate 19 bpm, avg press 6943 psi, max rate 37 bpm, max press 8472 psi. Fracked with 711 bbl of 17# Lightning slickwater. 21,849# 0.5-1.0 PPG 100 mesh and 0 lbs of 0.5 ? 3.5 PPG 30/50 CRC. Avg HHP: 3233. Sleeve shifted at 5983 psi. 4940 psi before shifting. 4,441 psi after shifting. Had very little indication the sleeve shifting for stage 4. Established a rate of 35 bpm and saw a 350 psi higher treating pressure then the previous stage, indicating we were possibly treating into a new zone. Saw a pressure increase on 1 ppg 30/50, cut sand, and had to drop rate to control pressure. After fully displacing the wellbore saw a 4,000 psi pressure decrease (8,000 psi to 4,000 psi). - 10:45 - JSA and safety meeting. Test lines to 9,800 psi, OK. Frac Basal Carbonate stage #9 as

follows: avg rate 41 bpm, avg press 5,194 psi, max rate 44 bpm, max press 6,760 psi. Fracked with 876 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 112,764 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 5,258. Sleeve shifted at 5,516 psi. 4,594 psi before shifting. 4,209 psi after shifting. Shut in well to drop ball @ 11:50. Stage went well. 12:05 - JSA and safety meeting. Test lines to 9,759 psi, OK. Frac Basal Carbonate stage #10 as follows: avg rate 41 bpm, avg press 5,209 psi, max rate 42 bpm, max press 7,088 psi. Fracked with 865 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 111,746 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 5,247. Sleeve shifted at 6,497 psi. 5,663 psi before shifting. 4,402 psi after shifting. Shut in well to drop ball @ 13:10. Stage went well. Down for about 45 min prior to stage during crew swap and quick repairs on pump #5. 13:00 - Pumped stage #11. Screened out 200 bbls short of displacement. Flowback 370 bbls on 34/64? choke w/ 2300 psi. 16:45 pumped 320 bbls displacement @ 11.0 bpm to clear well. Baker frac pump #5 down. 17:00 ? Well pressured out. Setup to flow well.Flow back 370 bbl on 32/64? choke at 700 psi. Pump 270 bbl down well, pressured to 8500 psi. Start to flow back. SI 1 ? hrs. to repair leaks in Baker?s line and in flow back manifold. Flow back 620 bbl to tanks at 10 bpm and 2000 psi. No recovery in ball catcher. Pump 370 bbl down hole, 7500 psi max pressure. Drop ball. - JSA and safety meeting. Test lines to 9,717 psi, OK. Frac Basal Carbonate stage 3 as follows: avg rate 35 bpm, avg press 5,489 psi, max rate 36 bpm, max press 6,017 psi. Fracked with 1,463 bbl of 17# Lightning slickwater. 4,805# 0.5-1.0 PPG 100 mesh and 97,158 lbs of 0.5 ? 3.5 PPG 30/50 CRC. Avg HHP: 4,709. Sleeve shifted at 4440 psi. 4370 psi before shifting. 4,435 psi after shifting. 100% sand placed on formation. - 08:00 - JSA and safety meeting. Test lines to 9,858 psi, OK. Frac Basal Carbonate stage #7 as follows: avg rate 37 bpm, avg press 6,087 psi, max rate 39 bpm, max press 7,681 psi. Fracked with 644 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 55,079 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 5,445. Sleeve shifted at 5,865 psi. 5,031 psi before shifting. 4,390 psi after shifting. Shut in well to drop ball @ 09:00 Stage treated a bit difficult. Pressure climbed steady with prop on. Climbed a bit harder when 2# hit (4# at the blender). Cut sand and displaced. Able to displace completely. Able to shift open into stg 8 well. Currently pumping stg 8. 09:20 - JSA and safety meeting. Test lines to 9,800 psi, OK. Frac Basal Carbonate stage #8 as follows: avg rate 40 bpm, avg press 5,048 psi, max rate 41 bpm, max press 6,206 psi. Fracked with 932 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 111,702 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 4,918. Sleeve shifted at 5,661 psi. 4,506 psi before shifting. 4,227 psi after shifting. Shut in well to drop ball @ 10:25. Stage went well. - 13:15 - JSA and safety meeting. Test lines to 9,800 psi, OK. Frac Basal Carbonate stage #11 as follows: avg rate 38 bpm, avg press 5,554 psi, max rate 41 bpm, max press 8,599 psi. Fracked with 824 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 110,163 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 5,159. Sleeve shifted at 6,497 psi. 5,665 psi before shifting. 4,297 psi after shifting. Shut in well to drop ball @ 15:15. Flow back 370 bbl on 32/64? choke at 700 psi. Pump 270 bbl down well, pressured to 8500 psi. Start to flow back. SI 1 ? hrs. to repair leaks in Baker?s line and in flow back manifold. Flow back 620 bbl to tanks at 10 bpm and 2000 psi. No recovery in ball catcher. Pump 370 bbl down hole, 7500 psi max pressure. Shutdown and drop ball for stage #12. Good job execution. 22:30 - JSA and safety meeting. Test lines to 9,800 psi, OK. Frac Basal Carbonate stage #12 as follows: avg rate 29 bpm, avg press 5,312 psi, max rate 41 bpm, max press 6,092 psi. Fracked with 578 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 48,733 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 3,828. Sleeve shifted at 6,231 psi. 5,451 psi before shifting. 4,324 psi after shifting.

Daily Cost: $0

Cumulative Cost: $750,339

5/27/2013 Day: 6 **Completion**

Rigless on 5/27/2013 - Finish up the fracs - Flowed well 600 bls. Sweep well @ 4-5 bpm. Pumped 419 bbls & pressured out. Flowed back 550 bbls. Sweep well @ 15~bpm for well volume then 20 bpm for additional lateral volume. . Shut in well to drop ball @ 07:15. - 10:20

- JSA and safety meeting. Test lines to 9,661 psi, OK. Frac Basal Carbonate stage #15 as follows: avg rate 30 bpm, avg press 4,952 psi, max rate 35 bpm, max press 6,284 psi. Fracked with 821 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 109,262 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 3,653. Sleeve shifted at 4,813 psi. 4,813 psi before shifting. 4,768 psi after shifting. Shut in well to drop ball @ 11:35 No good indication of ball seating. Pressure trend changed a bit when it should have seated. Pumped full capacity and then worked up rate and proceeded with stage. Stage went well overall. 11:30 - JSA and safety meeting. Test lines to 9,780 psi, OK. Frac Basal Carbonate stage #16 as follows: avg rate 34 bpm, avg press 4,858 psi, max rate 39 bpm, max press 6,138 psi. Fracked with 829 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 108,503 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 3,989. Sleeve shifted at 6,757 psi. 4,928 psi before shifting. 4,441 psi after shifting. Shut in well to drop ball @ 13:00. Stage went well. - 13:00 - JSA and safety meeting. Test lines to 9,750 psi, OK. Frac Basal Carbonate stage #17 as follows: avg rate 34 bpm, avg press 4,589 psi, max rate 35 bpm, max press 5,823 psi. Fracked with 827 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 108,053 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 3,790. Sleeve shifted at 6,523 psi. 4,667 psi before shifting. 4,194 psi after shifting. Shut in well to drop ball @ 14:20 Stage went well. 14:35 - JSA and safety meeting. Test lines to 9,654 psi, OK. Frac Basal Carbonate stage #18 as follows: avg rate 34 bpm, avg press 4,956 psi, max rate 40 bpm, max press 7,248 psi. Fracked with 820 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 108,066 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 4,094. Sleeve shifted at 5,756 psi. 4,290 psi before shifting. 4,320 psi after shifting. Shut in well to drop ball @ 15:45 Stage went well. - JSA and safety meeting. Test lines to 9,700 psi, OK. Frac Basal Carbonate stage #19 as follows: avg rate 33 bpm, avg press 4,370 psi, max rate 36 bpm, max press 4,907 psi. Fracked with 915 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 109,677 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 3,524. Sleeve shifted at 6,351 psi. 4,943 psi before shifting. 4,340 psi after shifting. Shut in well to drop ball @ 17:05 Stage went well. Pumping stage #20. JSA and safety meeting. Test lines to 9700 psi, OK. Frac Basal Carbonate stage #20 as follows: avg rate 33 bpm, avg press 4,858 psi, max rate 35 bpm, max press 5,842 psi. Fracked with 774 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 98,419 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 3,905. Sleeve shifted at 5,832 psi. 4,314 psi before shifting. 4,248 psi after shifting. Shut in well 18:35. Done fraccing the well. - Baker Hughes Started rigging down the frac equipment. At 21:00 J-W Wireline showed up to get RU and set two kill plugs. - Held PJSM with J-W Wireline, Weatherford test and Rockwater flow testers. J-W wireline is going to RIH with gauge ring to assure we can get past the 3rd full jt below liner top. Then set two two 10k Composite Bridge plugs. One 10k Composite Bridge will be set in the 3rd full jt past he liner top the second 10k Composite Bridge will be set in the 2nd full jt from the liner top. - 07:15 - JSA and safety meeting. Test lines to 9,768 psi, OK. Frac Basal Carbonate stage #13 as follows: avg rate 32 bpm, avg press 6,721 psi, max rate 36 bpm, max press 8,563 psi. Fracked with 918 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 108,137 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 5,204. Sleeve shifted at 5,800 psi. 6,126 psi before shifting. 4,000 psi after shifting. Shut in well to drop ball @ 08:45. Fought the stage a bit early. Sent a bit of crosslink fluid pad ahead of sand. Seemed to line out well once crosslink got on formation. Pumped per design otherwise. 08:45 - JSA and safety meeting. Test lines to 9,722 psi, OK. Frac Basal Carbonate stage #14 as follows: avg rate 34 bpm, avg press 4,939 psi, max rate 35 bpm, max press 5,945 psi. Fracked with 819 bbl of 20# Lightning slickwater. 0 lbs 0.5-1.0 PPG 100 mesh and 104,167 lbs of 1 ? 6 PPG 30/50 CRC. Avg HHP: 4,080. Sleeve shifted at 6,063 psi. 5,924 psi before shifting. 4,588 psi after shifting. Shut in well to drop ball @ 10:05. Stage went well. Pumped per design.

Daily Cost: $0

Cumulative Cost: $1,164,269

5/28/2013 Day: 7 **Completion**

Rigless on 5/28/2013 - ND Frac stack, NU Bop stack - - Western Well Service spotted in and

started RU the WOR and all the equipment. Western Well Ser. Will RU and spot equipment. Equipment is spotted in @ 18:30 . Western Well Ser. Is RU @. 12:30am. Tallying pipe @ 12:45. Tallied - Went back to work testing the BOP stack. Done testing the BOP stack. - Shut down operations due to lightening in close proximity. - RU & torque BOP stack. Western Well Service rig on location. BOP stack rigged & pressure testing. BOP stack consist of: 10K 7 1/16? lower HCR master valve, 10K 7 1/16? double gate BOP dressed w/ blind/shear rams in lower gate w/ double valve choke/kill outlets & 2 3/8? pipe rams in upper gate, 10K 7 1/16? flow cross w/ dual, double valved 2 1/16? outlets, 10K 7 1/16? single gate BOP w/ 2 3/8: pipe rams & 7 1/16? annular BOP/ Hydrill. PH6 tubing (AB string) on location & being off loaded & inspected. Weatherford drill out pump on location & spotted. - FMC and Bronco Started ND of Frac stack at 5:15am with Weatherford crane Load out & release frac stack. - Baker Hughes off location at 23:00 with all their frac equipment. Held PJSM with J-W Wireline, Weatherford test and Rockwater flow testers. J-W wireline is going to RIH with gauge ring to assure we can get past the 3rd full jt (8788?) below liner top. Then set two two 10k Composite Bridge plugs. One 10k Composite Bridge will be set in the 3rd full jt past he liner top at (8788?) Set at 3:00. The second 10k Composite Bridge will be set in the 2nd full jt from the liner top at (8748). Set at 4:30 Weatherford tested the lubricator to 4600psi before RIH everytime. Bleed the well off after setting the 1st kill plug waited the 30min. Well was still at 0 psi RIH to set the 2nd plug. J-W wireline POOH and started RD at 5:00am

Daily Cost: $0

Cumulative Cost: $1,198,063

5/29/2013 Day: 8 **Completion**

Rigless on 5/29/2013 - RIH with Work String to first kill plug, Strat drillout of two kill plugs, - Swiveling in hole to tag the first sleeve. - 15:30 ? Spot & RU Basic XK90 power swivel. 16:00 ? PU tubing & tag Kill plug #1 @ 8745?. 16:15 - RU water transfer pump. RU BOP eulization line. 17:30 ? Establish circulation. D/O Kill plug #1. 17:45- Drilled up first kill plug. Having problems with Knights Annular. Having a Knight rep. come out and see what the problems is. - 12:15 ? Continue to strap & PU 2 3/8th 5.95# P-110 PH6 work string. 13:15 ? Tie back to single fast line. 13:45 - Continue to strap & PU 2 3/8th 5.95# P-110 PH6 work string. 15:00 ? Tag top of liner @ 8671? TM. Work thru top of liner. 15:15 ?Load & circulate tubing. - 06:15 ? SD pump. Continue to PU 2 3/8th 5.95# P-110 PH6 work string. 07:15 ? Install TIW valve in tubing. Install 2? lotorq ball valve on TIW valve. Attach Kelly hose. Close 2? lotorq valve & open TIWQ valve. Pressure test Kelly hose, rig standpipe & discharge iron to 5000 psi. Good test. Release pressure. Open 2? lotorq valve. Pump 8 bbls recycled produced water to load tubing. SD pump & vent discharge line. Remove Kelly hose, 2? lotorq valve & TIW valve. 07:45 ? Continue to PU tubing. 09:30 - Install TIW valve in tubing. Pump 8 bbls recycled produced water to load tubing. SD pump & vent discharge line. Remove Kelly hose & TIW valve. Continue to PU tubing. 12:00 ? Load tubing w/ 250 jts tubing(7760?) in hole. Pump 16 bbls w/ Weatherford D/O pump. Rig crew change. JSA & operations meeting. - At 03:45 WWS tallied 109 jts totaling = 133 jts tallied (4128.95?) of 2 3/8th 5.95# P-110 PH6. Back to picking up 2 3/8th 5.95# P-110 PH6 at 04:30. Weatherford is filling 1000? going in the hole. 05:30 ? Establish circulationg down tubing w/ Weatherford D/O pump. - At 02:15 went to open the well and checked pressure. The gauge showed the well had 480psi on it. Bleed the pressure off. Shut well in watched for 30min. After 30min. well still had 0 psi. Open the well. Western Well Ser RIH with BHA and 2 3/8th 5.95# P-110 PH6 @ 03:00.RIH with 24jts (742.78). - Western Well Service spotted in and started RU the WOR and all the equipment. Western Well Ser. Will RU and spot equipment. Equipment is spotted in @ 18:30 . Western Well Ser. Is RU @. 12:30am. Tallying pipe @ 12:45. Tallied 24 jts. Making up BHA @ 02:00. Which goes as follows 3.72 4 bladed mill, Bit Sub, Coil style back pressure valves, 1jt of 2 3/8th 5.95# P-110 PH6, RN nipple and 2 3/8th 5.95# P-110 PH6 to surface(R nipple in vertical@ around 8800?).

Daily Cost: $0

Cumulative Cost: $933,476

5/30/2013 Day: 9 **Completion**

Rigless on 5/30/2013 - Drillout frac sleeves - 22:15-Swiveling in to the 1st sleeve @9886?-9887?RIH with 34jts to tag #1 sleeve @ 00:10, On jt. #319 Tbg WT 62,00#, 42,000# ?, 32,000# ?,Sleeve # 1? tag @ 9886? establish pump rate, 2.8 bbls/min 4,500 psi @ WH,2,800 psi @ choke 16/64, Swivel rpm 110-120 WOB 6-10k, drill plug in 40 min, 2.8 bbls in x 4 bbls out, pump 10 bbl sweep circ. 2900psi on the Accumulator. 01:30-Swiveling in to the 2nd sleeve @ 10,077? RIH with 6jts to tag #2 sleeve @ 01:44. On jt. #325 Tbg WT 36,000#, 46,000# ?, 30,000# ?,Sleeve # 2? tag @ 10,077? establish pump rate, 2.8 bbls/min 4,600 psi @ WH,2,700 psi @ choke 20/64, Swivel rpm 110-120 WOB 6-10k, drill plug in 7 min, 2.8 bbls in x 4 bbls out, pump 10 bbl sweep circ. 2900psi on the Accumulator. At 01:55 Swiveling in to sleeve #3. 01:55-Swiveling in to the 3rd sleeve @ 10270? RIH with 6jts to tag #3 sleeve @ 02:24. On jt. #331 Tbg WT 36,000#, 46,000# ?, 30,000# ?,Sleeve # 3? tag @ 10,270? establish pump rate, 2.8 bbls/min 4,600 psi @ WH,2,800 psi @ choke 20/64, Swivel rpm 110-120 WOB 6-10k, drill plug in 30 min, 2.8 bbls in x 4 bbls out, pump 10 bbl sweep circ. 2850psi on the Accumulator. At 02:55 Swiveling in to sleeve #4. 02:55-Swiveling in to the 4th sleeve @ 10,504? RIH with 8jts to tag #4 sleeve @ 03:25. On jt. #339 Tbg WT 36,000#, 46,000# ?, 30,000# ?,Sleeve # 4? tag @ 10,504? establish pump rate, 2.8 bbls/min 4,600 psi @ WH,2,800 psi @ choke 20/64, Swivel rpm 110-120 WOB 6-10k, drill plug in 12 min, 2.8 bbls in x 4 bbls out, pump 10 bbl sweep circ. 3000psi on the Accumulator. At 03:44 Swiveling in to sleeve #5. 03:45-Swiveling in to the 5th sleeve @ 10,694? RIH with 6jts to tag #5 sleeve @ x . On jt. #345 Tbg WT 36,000#, 46,000# ?, 30,000# ?,Sleeve # 5? tag @ 10,694? establish pump rate, 2.8 bbls/min 4,600 psi @ WH,2,800 psi @ choke 20/64, Swivel rpm 110-120 WOB 6-10k, drill plug in x min, 2.8 bbls in x 4 bbls out, pump 10 bbl sweep circ. 3000psi on the Accumulator. At x Swiveling in to sleeve #6. - 21:15-Swiveling in to the 18th sleeve @ 13,446? RIH with 6 jts to tag #18 sleeve @ 21:35. On jt. #434 Tbg WT 33,000#, 40,000# ?, 28,000# ?,Sleeve # 18? tag @ 13,446? establish pump rate, 2.5 bbls/min 4,800 psi @ WH,2,200 psi @ choke 20/64, Swivel rpm 110-120 WOB 3-5k, drill plug in 30 min, 2.5 bbls in x 3.7 bbls out, pump 10 bbl sweep 82bbls circ. Total bbls pumped: 176 bbls. 2900 psi on the Accumulator. At 22:30 Swiveling in to sleeve #19. 22:30-Swiveling in to the 19th sleeve @ 13,653? RIH with 6 jts to tag #19 sleeve @ 23:10. On jt. #440 Tbg WT 33,000#, 40,000# ?, 28,000# ?,Sleeve # 19? tag @ 13,653? establish pump rate, 2.5 bbls/min 4,850 psi @ WH,2,200 psi @ choke 20/64, Swivel rpm 110-120 WOB 3-5k, drill plug in 5 min, 2.5 bbls in x 3.7 bbls out, pump 10 bbl sweep 50 bbls circ. Total bbls pumped: 88 bbls. 3000 psi on the Accumulator. At 23:40 Swiveling in to PBTD @ 13,868?. - 17:15-Swiveling in to the 15th sleeve @ 12,829 RIH with 7 jts to tag #15 sleeve @ 17:40. On jt. #414 Tbg WT 28,000#, 38,000# ?, 32,000# ?, Sleeve # 15? tag @ 12,832? establish pump rate, 2.5 bbls/min 4,700 psi @ WH 2,700 psi @ choke 19/64, Swivel rpm 110-120 WOB 3-5K, drill plug in x min, 2.5 bbls in x 3.5 bbls out, pump 10 bbl sweep 60 bbls circ. Total bbls pumped: 92 bbls. 3000 psi on the Accumulator. At 18:15 Swiveling in to sleeve #16. 18:15-Swiveling in to the 16th sleeve @ 13,024 RIH with 7 jts to tag #16 sleeve @ 18:42. On jt. #421 Tbg WT 32,000#, 39,000# ?, 27,000# ?,Sleeve # 16? tag @ 13,024? establish pump rate, 2.5 bbls/min 4,700 psi @ WH 2,600 psi @ choke 19/64, Swivel rpm 110-120 WOB 3-5k, drill plug in 11 min, 2.5 bbls in x 3.3 bbls out, pump 10 bbl sweep 75 bbls circ. Total bbls pumped: 96 bbls. 3000 psi on the Accumulator. At 19:32 Swiveling in to sleeve #17. 20:25-Swiveling in to the 17th sleeve @ 13,215? RIH with 7 jts to tag #17 sleeve @ 20:25. On jt. #427 Tbg WT 32,000#, 39,000# ?, 27,000# ?,Sleeve # 17? tag @ 13,215? establish pump rate, 2.5 bbls/min 4,800 psi @ WH,2,200 psi @ choke 20/64, Swivel rpm 110-120 WOB 6-10k, drill plug in 17 min, 2.5 bbls in x 3.7 bbls out, pump 10 bbl sweep 75 bbls circ. Total bbl pumped: bbls. 3000 psi on the Accumulator. At 21:15 Swiveling in to sleeve #18. - 14:55-Swiveling in to the 12th sleeve @ 12,177? RIH with 6 jts to tag #12 sleeve @ 15:10. On jt. #393 Tbg WT 24,000#, 38,000# ?, 32,000# ?,Sleeve # 12? tag @ 12,166? establish pump rate, 2.5 bbls/min 4,600 psi @ WH,2,600 psi @ choke 19/64, Swivel rpm 110-120 WOB 2.5-5k, drill plug in 11 min, 2.5 bbls in x 3. bbls out, light oil & light sand in returns, pump 10 bbl sweep circ 25 bbls. Total

BBls pumped: 75 bbls, 3000 psi on the Accumulator. At 15:40 Swiveling in to sleeve #13. 15:40-Swiveling in to the 13th sleeve @ 12,371 RIH with 6 jts to tag #13 sleeve @ 15:55. On jt. #400 Tbg WT 24,000#, 38,000# ?, 32,000# ?,Sleeve # 13? tag @ 12,373? establish pump rate, 2.6 bbls/min 4,600 psi @ WH 2,600 psi @ choke 19/64, Swivel rpm 110-120 WOB 2.5-5k, drill plug in 10 min, 2.5 bbls in x 3.5 bbls out, pump 10 bbl sweep 25 bbls circ. Total bbls pumped: 55 bbls. 3000 psi on the Accumulator. At 16:25 Swiveling in to sleeve #14. 16:25-Swiveling in to the 14th sleeve @ 12,598? RIH with 7 jts to tag #14 sleeve @ 16:47. On jt. #407 Tbg WT 24,000#, 38,000# ?, 32,000# ?,Sleeve # 14? tag @ 12,598? establish pump rate, 2.5 bbls/min 4,700 psi @ WH 2,700 psi @ choke 19/64, Swivel rpm 110-120 WOB 3-5K, drill plug in 13 min, 2.5 bbls in x 3.5 bbls out, pump 10 bbl sweep 25 bbls circ. Total bbls pumped: 70 bbls. 3000 psi on the Accumulator. At 17:15 Swiveling in to sleeve #15. Hit tight spot and pulled 78,000 lbs to pull free. Ream & circulate through tight spot several times. No more drag. Pipe free travel & normal torque. - 11:03-Swiveling in to the 10th sleeve @ 11,760?. Tag sand on Jt #374. Wash sand from 11,584? to 11,609?. Wash 25? of sand. RIH with 8 jts to tag #10 sleeve @ 12:30. On jt. #380 Tbg WT 24,000#, 38,000# ?, 34,000# ?,Sleeve # 10? tag @ 11,761? establish pump rate, 2.5 bbls/min 4,400 psi @ WH,2,500 psi @ choke 26/64, Swivel rpm 110-120 WOB 2.5-5k, drill plug in 21 min, 2.5 bbls in x 3 bbls out, pump 100 bbps D/O, 10 bbl sweep circ & 50 bbls behind flush. 3000 psi on the Accumulator. At 13:20 Swiveling in to sleeve #11. 12:00 ? Crew change. Service rig. Continue circulation during crew change. 13:20-Swiveling in to the 11th sleeve @ 11,985? RIH with 7 jts to tag #11 sleeve @ 13:20. On jt. #387 Tbg WT 28,000#, 38,000# ?, 32,000# ?,Sleeve # 11? tag @ 11,985?. establish pump rate, 2.8 bbls/min 4,800 psi @ WH,2,600 psi @ choke 21/64, Swivel rpm 110-120 WOB 2.5-5k, drill plug in 10 min, 2.5 bbls in x 3.6 bbls out, pump 10 bbl sweep circ. 3000 psi on the Accumulator. At 14:55 Swiveling in to sleeve #12. 13:40 ? Through sleeve #11, continue to circulate @2.5 bbls/min 4,500 psi @ WH,2,600 psi @ choke 21/64. Close & lock upper pipe rams. Bleed off accumulator pressure. Knight servicehand replaced system pressure guage & manifold pressure. Repaired leak in ram control valve manifold. Recharge system. Unlock & open upper pipe rams. - 06:45-Swiveling in to the 8th sleeve @ 11,339? RIH with 7 jts to tag #8 sleeve @ 07:16. On jt. #366 Tbg WT 24,000#, 38,000# ?, 32,000# ?,Sleeve # 8? tag @ 11,339? establish pump rate, 2.5 bbls/min 4,600 psi @ WH,2,525 psi @ choke 22/64, Swivel rpm 110-120 WOB 2-3k, drill plug in 8 min, 2.5 bbls in x 3.8 bbls out, pump 65 bbl sweep circ. 3000 psi on the Accumulator. At 07:27 Swiveling in to sleeve #9. 07:45 - Swiveling in to the 9th sleeve @ 11,528?. Tag sand on Jt #368. Wash sand from 11,409 to sleeve 11,528?. 119? of sand. Pump 50 bbls between connection while washing sand. 07:27-Swiveling in to the 9th sleeve @ 11,528? Tag sand on Jt #368. Wash sand from 11,409 to sleeve #9 @ 11,528?. RIH with 6 jts to tag #9 sleeve @ 09:15. On jt. #372 Tbg WT 24,000#, 38,000# ?, 32,000# ?,Sleeve # 9? tag @ 11,528? establish pump rate, 2.8 bbls/min 4,600 psi @ WH,2,400 psi @ choke 22/64, Swivel rpm 110-120 WOB 2.5-3k, drill plug in 10 min, 2.5 bbls in x 3.5 bbls out, Light trace of oil in returns. 3000 psi on the Accumulator. At 11:03 Swiveling in to sleeve #10. Pump 400 bbl circulate bottoms up w/ 10bbl sweep, 50 bbl spacer, 10 bbl sweep & 400 bbls for bottoms up. 2.5 bpm @ 4700 psi on 21/64? choke & 2400 psi @ 3.5 bpm returns. Heavy sand in first sweep & light sand in second sweep. Second sweep displace with 400 bbls. 11:03 PU tubing to tag sleeve #10. - 03:45-Swiveling in to the 5th sleeve @ 10,694? RIH with 6 jts to tag #5 sleeve @ 04:05. On jt. #345 Tbg WT 36,000#, 40,000# ?, 24,000# ?,Sleeve # 5? tag @ 10,694? establish pump rate, 2.8 bbls/min 4,600 psi @ WH,2,600 psi @ choke 20/64, Swivel rpm 110-120 WOB 6-10k, drill plug in 7 min, 2.8 bbls in x 4 bbls out, pump 10 bbl sweep circ. 3000psi on the Accumulator. At 04:28 Swiveling in to sleeve #6. 04:30-Swiveling in to the 6th sleeve @ 10,923? RIH with 8 jts to tag #6 sleeve @ 03:52. On jt. #353 Tbg WT 36,000#, 40,000# ?, 24,000# ?,Sleeve # 6? tag @ 10,923? establish pump rate, 2.8 bbls/min 4,800 psi @ WH,2,600 psi @ choke 21/64, Swivel rpm 110-120 WOB 6-10k, drill plug in 11 min, 2.8 bbls in x 4.1 bbls out, pump 10 bbl sweep circ. 3000psi on the Accumulator. At 05:15 Swiveling in to sleeve #7. 05:15-Swiveling in to the 7th sleeve @ 11,111? RIH with 7 jts to tag #7 sleeve @ 05:33. On jt. #360 Tbg WT 24,000#, 38,000# ?, 32,000# ?,Sleeve # 7? tag @ 11,111? establish pump rate, 2.8 bbls/min 4,800 psi @ WH,2,600 psi @ choke 21/64, Swivel rpm 110-120 WOB 6-10k, drill plug in 8 min, 2.5 bbls in x 3.6 bbls out, pump 10 bbl sweep circ. 3000

psi on the Accumulator. At 06:45 Swiveling in to sleeve #8.
Daily Cost: $0
Cumulative Cost: $964,507

5/31/2013 Day: 10 **Completion**

Rigless on 5/31/2013 - Circulate well clean. POOH & LD 130 jts 2 3/8" workstring. Circ. BU from 9868'. - 23:40-Swiveling in to the PBTD @ 13,868? RIH with 7 jts to tag PBTD @ 02:00 On jt. #448 Tbg WT 33,000#, 40,000# ?, 28,000# ?,PBTD? tag @ 13,868? establish pump rate, 2.5 bbls/min 4,850 psi @ WH 2,200 psi @ choke 20/64, Swivel rpm 110-120 , 2.5 bbls in x 3.7 bbls out, pump 10 bbl sweep 50 bbls circ. Total bbls pumped: 60 bbls. 3000 psi on the Accumulator. 02:00 Pump 810 bbls for casing cleanup. - 08:15 - Check returns for sand. No sand at this time, shut pump down. Swivel out & LD 7 jts tubing. 08:30 - RD power swivel. 08:45 - POOH laying down 2 3/8th 5.95# P-110 PH6 work string. QT on location cleaning & drifting 2 3/8?, 4.7#, EUE production tubing. SI choke manifold. 11:45 ? Laid down 130 jts. EOT @ 9868?. SICP ? 2,750 psi. RU Kelly hose. Pump & circulate well (350 bbls) @ 2.1 bpm & 4,400 psi. Returns 3.5 bpm @ 2800 psi on 12/64? choke. - 14:30 ? SD pump. Wait on logging tool to run Gamma ray log. 20:00- RU J-W Wireline to RIH w/Gamma Ray tool. 20:30- Held PJSM and discussed the tight tolerances on ID and OD of pipe and tool. 20:40- Started RIH with Gamma Ray to a Max of 9800? (RN nipple is @ 9837>16?) 23:00- Started POOH with Gamma Ray tool everything went good with the pump down. We pumped the tool at .5bpm @ 2800psi. Logged a 600? section from 9820?-9180?. We also logged the Gamma Ray spike at the liner top that wasn?t there on the Bond Log. 01:00- J-W Wireline OOH with tool. RD MO. 01:20- WWS pulling the 2 3/8th 5.95# P-110 PH6 work string until we have 160jts. In the hole.
Daily Cost: $0
Cumulative Cost: $1,054,933

6/1/2013 Day: 11 **Completion**

Rigless on 6/1/2013 - RU & pressure test snubbing unit. - 01:00- J-W Wireline OOH with tool. RD MO. - 01:20- WWS pulling the 2 3/8th 5.95# P-110 PH6 work string until we have 160jts. In the hole. 04:30- Landing the hanger with 160 jts in the hole. 05:00- Hanger is landed with 160 jts in the hole. WWS RD Floor. - 06:15 ? ND annular BOP, 10K x 5K X-over & upper pipe BOP. NU 10K x 5K X-over on top of 7 1/16? flowcross. Move annular BOP & single gate BOP to side of location. 07:45 ? Spot unload Cudd snubbers power tongs. Spot Cudd snubbing unit truck & tool trailer. 09:45 ? JSA, safety meeting & operations meeting. 10:00 ? PU & RU snubbing unit & associated equipment. - Pressure test Snubbing unit - wait on daylight to snub
Daily Cost: $0
Cumulative Cost: $1,112,820

6/2/2013 Day: 12 **Completion**

Rigless on 6/2/2013 - Snub out of the hole - 05:20- Held PJSM with Everybody on location. 05:45 ? Open casing to choke manifold to check well pressure. Leak in line. SI well. Break union & clean union, replace rubber seal. MU union & call for pressure tester. 08:15 ? Tester on location. Pressure test flowback equalization line 250 psi low for 5 mins. & 5000 psi high for 10 mins. 09:00 ? Cudd Snubbing Supervisor Paul Weisbrod STOPPED THE JOB due to snubbing crew fatigue. Notified Supervisor Chris Meacham. 09:15 ? Good test on flowback equalization line. Release pressure. RD & release Weatherford pressure tester. 09:30 - Secure well. Close & lock lower, middle & upper pipe rams. Close casing valves. 10:00 ? SD for day. Release all service personnel. Will resume operations on 6-3-2013 @ 03:00. - Waiting on

Daylight to snub pipe.
Daily Cost: $0
Cumulative Cost: $1,152,839

6/3/2013 Day: 13 **Completion**

Rigless on 6/3/2013 - POOH & Snub OOH w/160 jts 2-3/8" PH-6 (AB WS), RIH w/ 2 3/8" production tubing, PU BHA and RIH w/283 jts 2-3/8" L-80 tubing, installed tbg hanger w/TWCV in place. LD tbg hanger, secure lock-in-screws, BO pressure, leaking. - 00:00 Western Well Sevice on location waiting on CUDD Snubbing crew to arrive on location to POOH & Snub OOH w/160 jts 2-3/8? PH-6 (AB WS). 02:50 CUDD, Weatherford, Cameron & Rockwater all on location - JSA w/everybody on location on landing tbg hanger and NFX safety polices. - 05:00 - POOH with 160 jts 2-3/8" PH-6 (AB WS) BHA w/ rig on Annular BOP. Flow back well on 6/64" choke at 2,800 psi. (1/2 bbl out) 06:00 - Supervisor changeover. George Kartchner on duty, Carl Corman off duty. - 07:15 ? 77 jts in well. Pipe light, snubbing OOH with 2-3/8" PH-6 (AB WS) with BHA. Flowing back well on 6/64" choke at 2,700 psi. (1/2 bbl out). 10:30 ? Close HCR valve. Bleed pressure of BOP stack. Open Annular BOP. BO & LD BHA assembly. 10:45 ? Change out elevators, Move PH6 tubing off pipe racks. Move 2 3/8? L-80 8rd EUE tubing onto pipe racks & strap tubing. Load out PH6 workstring to return to pipe yard. - 12:15 ? JSA & operations meeting. 12:30 ? MU & PU Production tubing BHA: 2 3/8? notched collar, 2? X 2 3/8? L-80 pup, 4? X 2 3/8? L-80 pup, Weatherford 10k ceramic Burst disk, 2 3/8? XN nipple, 1 jt 2 3/8? L-80 tbg & TIW valve. Equalize pressure between casing & BOP. 13:00 ? Open HCR valve & snub in BHA. Open & remove TIW valve. Install 2 3/8? X nipple & PU & snub tubing in hole. Filling tubing every 20 jts. 15:00 ? Cudd crew change. JSA & safety meeting w/ Cudd, WWS, Rockwater, Weatherford & Hammer. 15:15 ? Continue to PU tubing. 17:15 - Continue to PU 2 3/8? L-80 tbg. 100 jts in well. Fill tubing every 20 jts. Pipe heavy. Start picking tubing w/ rig. - 19:15 RIH w/ BHA: 2 3/8? notched collar, 2? X 2 3/8? L-80 pup, 4? 2-3/8? Perforated sub, Weatherford 10k ceramic Burst disk, 2 3/8? XN nipple (1.875? ID w/1.791? No Go), 1 jt 2 3/8? L-80 tbg, X Nipple (1.875? ID), 172 Jts 2-3/8?, 4.7#, L-80 8 RND EUE tubing. EOT @ 5,579? ?TM?. SD to tally. 19:30 Continue to RIH w/2-3/8? L-80 Production tubing. Filling tubing every 50 jts. 22:00 Finish RIH w/111 jts 2-3/8" L-80 production tubing (ttl 283 jts in hole). Installed 7-1/16" x 2-3/8" 8 RND extended neck tubing hanger w/TWCV in place. PU landing jt w/TIW valve (open). SD for safety meeting. 22:15 Western Well hotshot PU 7-1/16" 5K Hydrill & 7-1/16" 10K single BOP w/skids. - Held PJSM with Everybody on location. - SICP = 2,700 psi. SITP = 0 psi. Unlock BOP rams . Open knight BOP & Cudd #2 BOPand with #1 BOP rams closed. Equalize across CUDD snubbing unit #1 BOP rams. Unsecured lock-in-screw. Strip tubing hanger up to Snubbing unit #1 BOP rams, closed Knight BOP rams. BO pressure. Strip tubing hanger through Snubbing unit. Closed Hydrill. Equalize across BOP rams. Open Knight BOP rams. LD 1 jt with TIW valve and 7-1/16" X 2-3/8" tubing hanger. - Landed tubing hanger with tubing and TWCV in place. Secure lock-in-screws. LD landing jt. Tubing details consisting of: 2-3/8" 8 RND Kotched collar 0.41' long, 2' x 2-3/8" pup jt 2.30' long, 4' x 2-3/8" perforated sub 4.20' long, Weatherford 2-3/8" 10K Ceramic Burst Disc 0.78' long, 2-3/8" XN Nipple 1.24' long (1.875" ID w/1.791" No Go), 1 jt 2-3/8", 4.7#, L-80 8 RND EUE tubing 32.47' long, X Nipple w/1.875" ID. (Top of X Nipple 9,167.75'), 282 jts 2-3/8", 4.7#, L-80 8RND EUE tubing 9,149.25' long, 7-1/16" x 2-3/8" 8 RND tubing hanger 0.50' long and 18' KB. EOT @ 9,210.31'.
Daily Cost: $0
Cumulative Cost: $1,778,329

6/4/2013 Day: 14 **Completion**

Rigless on 6/4/2013 - Pull hanger, Hanger leaking. Redress tubing hanger, land tubing, EOT @ 9,210.31', test TWCV and hanger. test good, RDMO CUDD snubbing unit, ND Knight BOP stack, FMC HCR valve. NU Prod tree & test. Pump out burst disc. Turn well to production. -

02:30 RU Weatherford test unit. Pressure test TWCV and tubing hanger to 250 psi for low, for 5 min w/Shear blind rams closed. Test good. BO pressure. Increased pressure to 3,000 psi for one min. Good test. Test same to 10,000 psi for high, for 10 min. Test good. BO pressure. RD test unit. Open shear blind rams. - 02:30 Landed tubing hanger with tubing and TWCV in place. Secure lock-in-screws. BO pressure to 0 psi. Holding. Closed pipe rams. Pressure test tubing hanger to 5,000 psi for 2 min Good test. BO pressure to 0 psi. LD landing jt. Tubing details consisting of: 2-3/8" 8 RND Notched collar 0.41' long, 2' x 2-3/8" pup jt 2.30' long, 4' x 2-3/8" perforated sub 4.20' long, Weatherford 2-3/8" 10K Ceramic Burst Disc 0.78' long, 2-3/8" XN Nipple 1.24' long (1.875" ID w/1.791" No Go), 1 jt 2-3/8", 4.7#, L-80 8 RND EUE tubing 32.47' long, X Nipple w/1.875" ID. (Top of X Nipple 9,167.75'), 282 jts 2-3/8", 4.7#, L-80 8RND EUE tubing 9,149.25' long, 7-1/16" x 2-3/8" 8 RND tubing hanger 0.50' long and 18' KB. EOT @ 9,210.31'. SICP = 2,700 psi. - 00:20 Closed Shear blind rams and pressure increased to 2,800 psi. Equalize across well and BOP. Open shear blind rams. Unsecure lock-in-screws. 01:00 Strip tubing hanger out to surface. Found no seal ring on tubing hanger. Cameron redress tubing hanger. 01:40 Land tubing hanger w/tubing. BO pressure and hanger still leaking. Unsecure lock-in-screws. 01:53 Strip tubing hanger out to surface. To look at hanger. Hanger had some chunk's missing. Cameron redress hanger. - 03:10 Knight on location w/torque wrench to RD CUDD Snubbing unit. Rockwater RD flowback equipment. 04:15 MIRU Weatherford crane. 04:30 ND & released Knight 7-1/16" 5K x 10k spool, 7-1/16" 10K flow cross, 7-1/16" 10K double BOP & accumulator & FMC 7-1/16" 10K HCR valve and accumulator. Load all equipment onto Western Well hotshot truck. Will return equipment to Knight & FMC yard this a.m. 05:30 Cameron NU 10K Production Tree (NPT #18) - Release all service equipment & move off location.Well turned to production @ 13:00 on 6-4-2013. No further completions activities. - 06:00 ? Supervisor changeover. George Kartchner on duty, Carl Corman off duty. Test production tree void to 10,000 psi. Good test. Release pressure. 06:30 ? Pressure test production tree to 250 psi low for 5 minutes & 10K high for 10 minutes. Good test. Release pressure. RD pressure tester. Cameron remove TWCV. 06:45 ? RDMO Western Well Service WOR. Release rig @ 07:30 on 6-4-13. 07:45 - RU Weatherford pump line to production tree. Pump out burst disc @ 4000 psi. Pump additional 50 bbls to clear tubing. SI well. RD & release Weatherford pump & operators. 08:00 - Turn well to construction to RU production lines. Release all service equipment & move off location.
Daily Cost: $0
Cumulative Cost: $1,919,827

6/8/2013 Day: 15 **Completion**

Rigless on 6/8/2013 - Capture costs in DCR - Capture costs in DCR
Daily Cost: $0
Cumulative Cost: $2,026,702

7/6/2013 Day: 18 **Completion**

Rigless on 7/6/2013 - Enter Costs in DCR - Enter Costs in DCR
Daily Cost: $0
Cumulative Cost: $2,180,950

7/12/2013 Day: 1 **Downhole Pump Setup,Removal**

Nabors #1420 on 7/12/2013 - MIRU, POOH W/ TBG - POOH W/ 220 JNTS OF 2 3/8" L80 TBG H/O TRICKLED 50 BBLS OF 140? WATER DWN THE CSG AS WE POOH. - ND THE WH - NU BOPS TO THE WELL - ND THE WH - CREW TRAVEL - SECURE THE WELL - POOH W/ 220 JNTS OF 2 3/8" L80 TBG H/O TRICKLED 50 BBLS OF 140? WATER DWN THE CSG AS WE POOH. - PRESSURE TEST THE BOP STACK. RU FLOOR AND XO TO 2 3/8" TBG - NU BOPS TO THE WELL

- SECURE THE WELL - CREW TRAVEL - CREW TRAVEL - CONDUCT A SAFETY MEETING AND JSA - SPOT IN TEE SEAL AND THEN THE RIG - RU - NU THE ANNULAR TO THE BOPS AND THE BOPS TO A 10K SPOOL. H/O PUMPED 40 BBLS OF 250? WATER DWN THE TBG FOLLOWED BY 30 BBLS OF 150? - CREW TRAVEL - CONDUCT A SAFETY MEETING AND JSA - SPOT IN TEE SEAL AND THEN THE RIG - RU - NU THE ANNULAR TO THE BOPS AND THE BOPS TO A 10K SPOOL. H/O PUMPED 40 BBLS OF 250? WATER DWN THE TBG FOLLOWED BY 30 BBLS OF 150? - PRESSURE TEST THE BOP STACK. RU FLOOR AND XO TO 2 3/8" TBG
Daily Cost: $0
Cumulative Cost: $12,767

7/13/2013 Day: 2 **Downhole Pump Setup,Removal**

Nabors #1420 on 7/13/2013 - POOH w/ tbg. RIH w/ GLM, Set pkr. ND BOP. NUWH. RUWH. Open well to production. - Drop ball, pump 15 BW & set pkr @ 2500 psi w/ 9K compresion. ND BOP. NUWH. RDMO. Pump uot plug. RU WH & lubricater. Open well to production. - POOH w/ tbg, LD BHA. PU & RIH w/ GLM as detailed. - Pump 10 BW down tbg & 20 BW down csg. - Crew travel - Crew travel. - Drop ball, pump 15 BW & set pkr @ 2500 psi w/ 9K compresion. ND BOP. NUWH. RDMO. Pump uot plug. RU WH & lubricater. Open well to production. - POOH w/ tbg, LD BHA. PU & RIH w/ GLM as detailed. - Pump 10 BW down tbg & 20 BW down csg. - Crew travel - Crew travel.
Daily Cost: $0
Cumulative Cost: $62,649

Pertinent Files: Go to File List