API Well Number: 43013506710000

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 16-4-4-4W	
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-H62-6154	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ◉ STATE ○ FEE ○
12. SURFACE OWNERSHIP FEDERAL ○ INDIAN ○ STATE ○ FEE ◉	
13. NAME OF SURFACE OWNER (if box 12 = 'fee') D. Milton and Karen Moon	**14. SURFACE OWNER PHONE (if box 12 = 'fee')**
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1158 North 1190 East, American Fork, UT 84003	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ◉
19. SLANT VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○	

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	619 FSL 571 FEL	SESE	4	4.0 S	4.0 W	U
Top of Uppermost Producing Zone	619 FSL 571 FEL	SESE	4	4.0 S	4.0 W	U
At Total Depth	619 FSL 571 FEL	SESE	4	4.0 S	4.0 W	U

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 571	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 3565	**26. PROPOSED DEPTH** MD: 8090 TVD: 8090
27. ELEVATION - GROUND LEVEL 5695	**28. BOND NUMBER** RLB0010462	**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
SURF	12.25	8.625	0 - 500	24.0	J-55 ST&C	8.3	Class G	229	1.17	15.8
PROD	7.875	5.5	0 - 8090	17.0	N-80 LT&C	8.3	Premium Lite High Strength	421	3.26	11.0
							50/50 Poz	363	1.24	14.3

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 Mandie Crozier	**TITLE** Regulatory Tech	**PHONE** 435 646-4825
SIGNATURE	**DATE** 03/31/2011	**EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43013506710000

APPROVAL

Permit Manager

RECEIVED: May 21, 2012

NEWFIELD PRODUCTION COMPANY
UTE TRIBAL 16-4-4-4W
SE/SE SECTION 4, T4S, R4W
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. *GEOLOGIC SURFACE FORMATION:*

Uinta formation of Upper Eocene Age

2. *ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:*

Uinta	0' – 2,760'
Green River	2,760'
Wasatch	7,840'
TD	8,090'

Base of Moderately Saline Ground Water @ 200'

3. *ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:*

Green River Formation 2,760' – 7,840' - Oil

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 120'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO_3) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. *PROPOSED CASING PROGRAM*

a. Casing Design

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	500'	24.0	J-55	STC	2,950 10.52	1,370 8.61	244,000 20.33
Prod casing 5-1/2"	0'	8,090'	17.0	N-80	LTC	7,740 3.01	6,280 2.44	348,000 2.53

Assumptions:
1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
2) Prod casing MASP (production mode) = Pore pressure – gas gradient
3) All collapse calculations assume fully evacuated casing w/ gas gradient
4) All tension calculations assume air weight

Frac gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at prod casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

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

b. Cement Design

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	500'	Class G w/ 2% CaCl	229 268	30%	15.8	1.17
Prod casing Lead	6,090'	Prem Lite II w/ 10% gel + 3% KCl	421 1372	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:
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 **2M** system, and individual components shall be operable as designed. Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±500 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 500' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the third quarter of 2011, and take approximately seven (7) days from spud to rig release.

API Well Number: 43013506710000

2-M SYSTEM

Blowout Prevention Equipment Systems

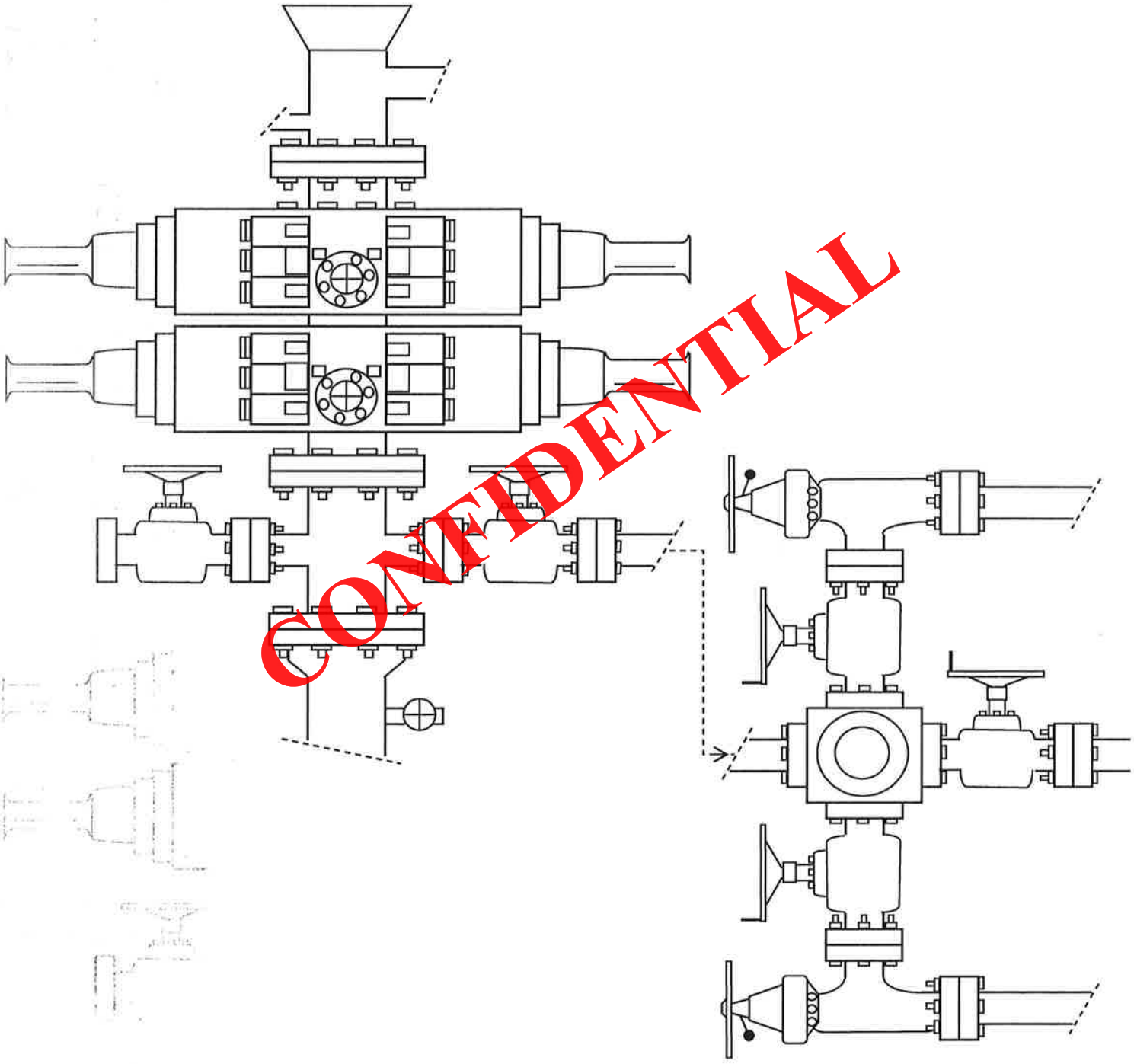


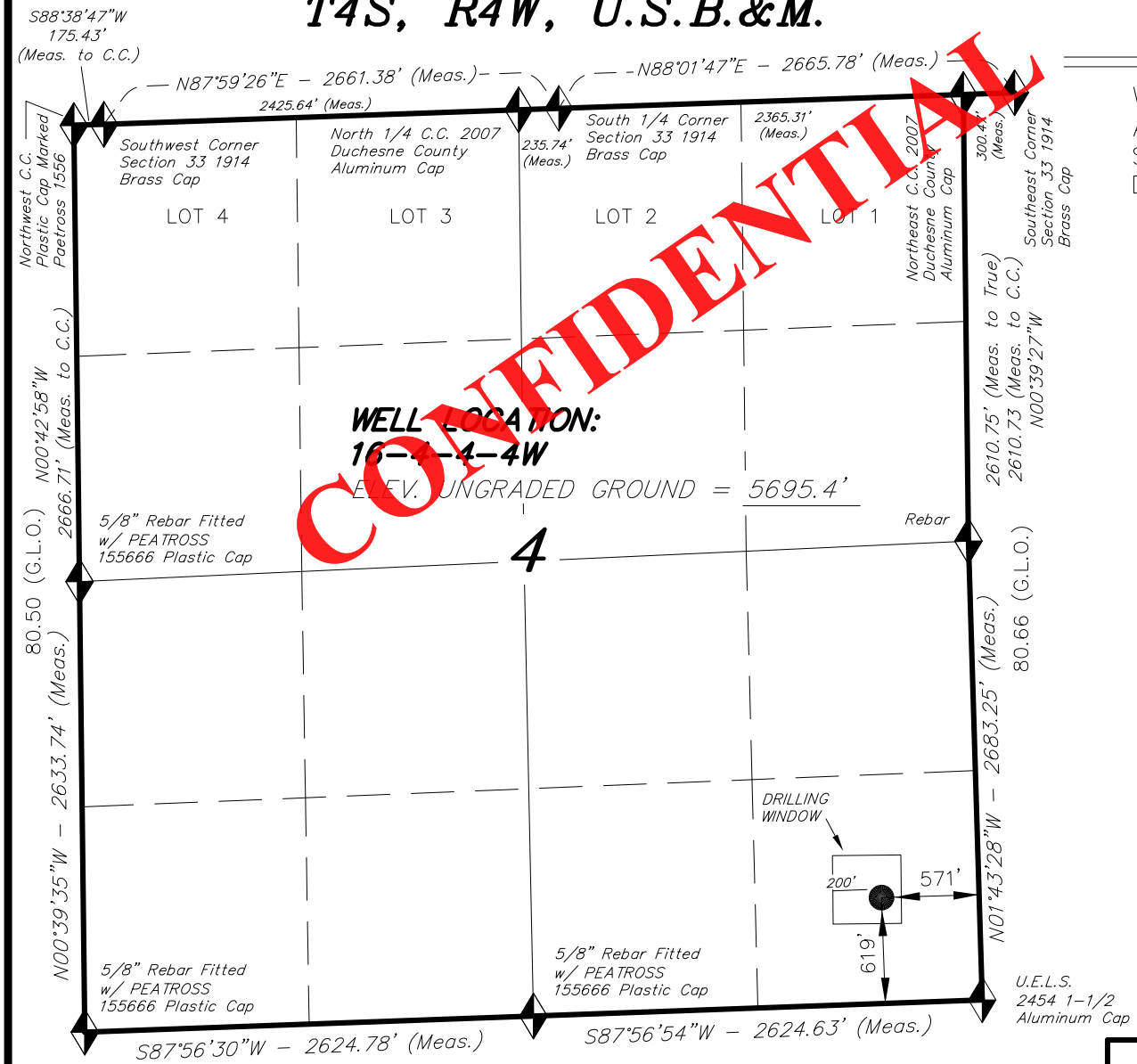
EXHIBIT C

API Well Number: 43013506710000

T4S, R4W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 16-4-4-4W, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 4, T4S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



1000' 500' 0' 1000'

BAR SCALE

N

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 No. 189377 12-09-11 STACY W. STEWART STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No.
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'

16-4-4-4W
(Surface Location) NAD 83
LATITUDE = 40° 09' 27.17"
LONGITUDE = 110° 20' 05.38"

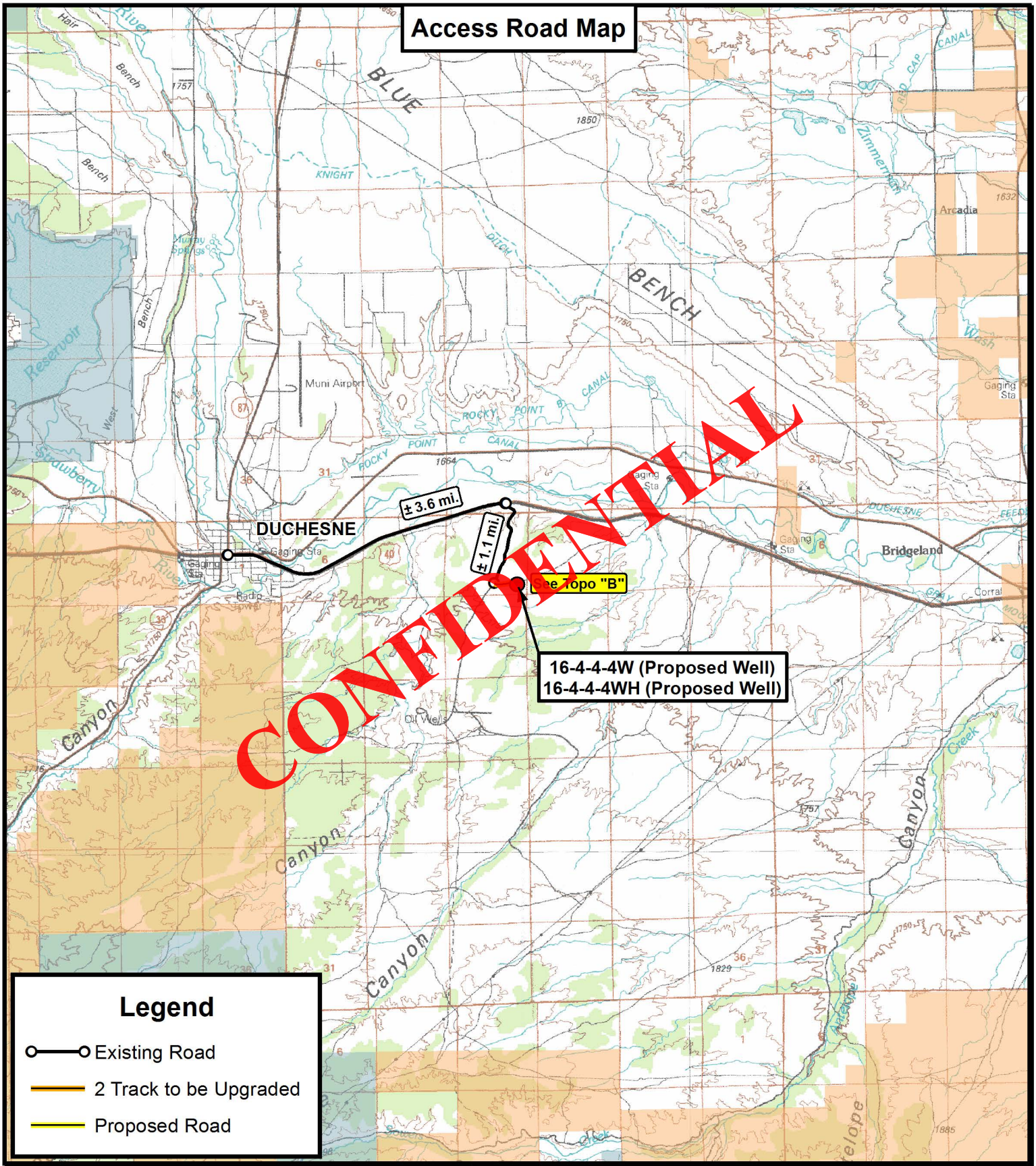
TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 12-29-10	SURVEYED BY: S.V.	VERSION:
DATE DRAWN: 2-11-11	DRAWN BY: F.T.M.	V2
REVISED: 12-08-11 F.T.M.	SCALE: 1" = 1000'	

RECEIVED: March 31, 2011

API Well Number: 43013506710000

Access Road Map



Legend

- Existing Road
- 2 Track to be Upgraded
- Proposed Road

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

N

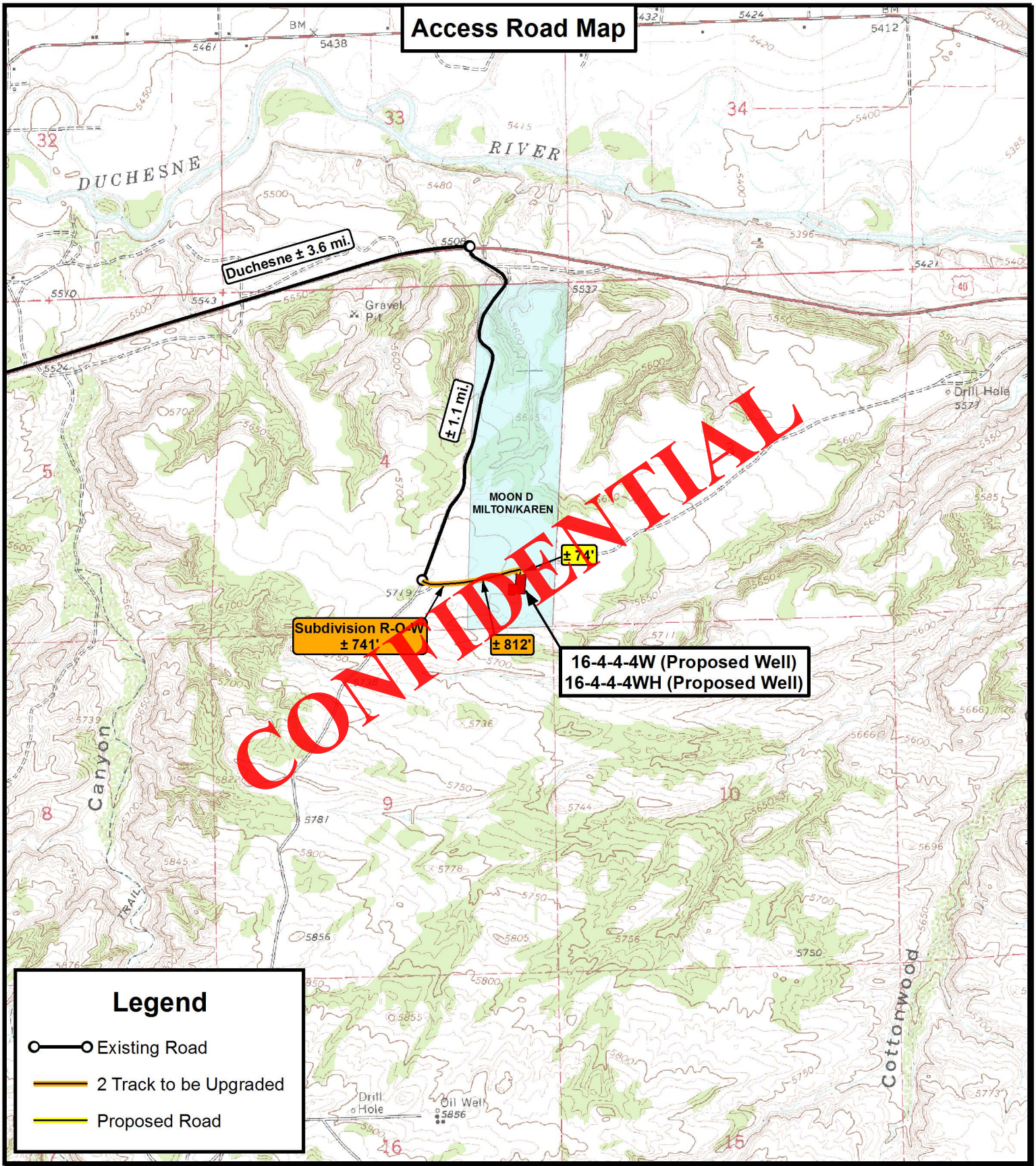
NEWFIELD EXPLORATION COMPANY

16-4-4-4W (Proposed Well)
16-4-4-4WH (Proposed Well)
SEC. 4, T4S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	12-08-11 D.C.R.	VERSION:	TOPOGRAPHIC MAP
DATE:	02-15-2011			V2	SHEET A
SCALE:	1 " = 8,333 '				

API Well Number: 43013506710000

Access Road Map



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

N

NEWFIELD EXPLORATION COMPANY

16-4-4-4W (Proposed Well)
16-4-4-4WH (Proposed Well)
SEC. 4, T4S, R4W, U.S.B.&M.
Duchesne County, UT.

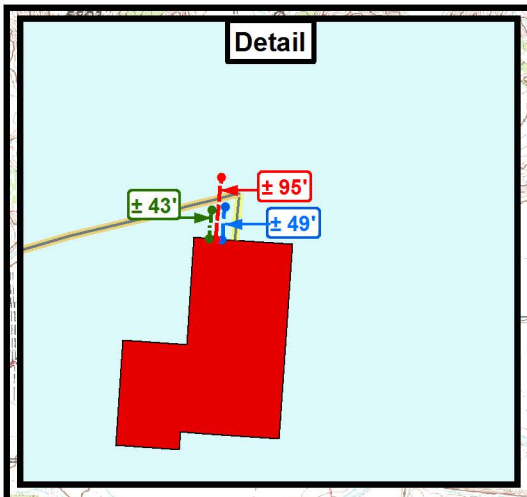
DRAWN BY:	C.H.M.	REVISED:	12-08-11 D.C.R.	VERSION:
DATE:	02-15-2011			V2
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013506710000

Proposed Pipeline Map



CONFIDENTIAL

Legend

- Existing Road
- 2 Track to be Upgraded
- Proposed Road
- Proposed Flowline
- Proposed Gas Pipeline
- Proposed Waterline

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

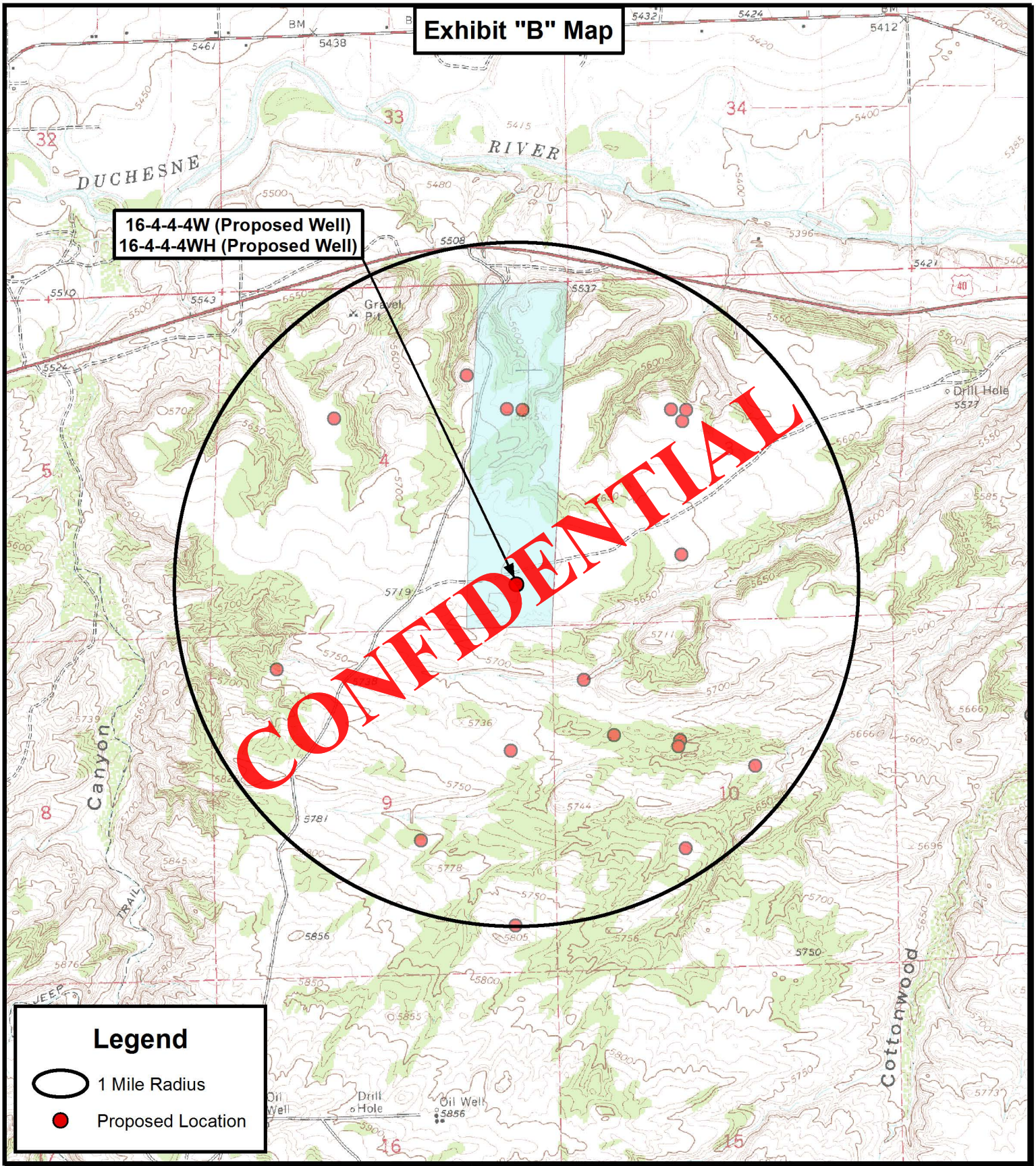
N

NEWFIELD EXPLORATION COMPANY

16-4-4-4W (Proposed Well)
16-4-4-4WH (Proposed Well)
SEC. 4, T4S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	12-08-11 D.C.R.	VERSION:	TOPOGRAPHIC MAP
DATE:	02-15-2011			V2	SHEET C
SCALE:	1 " = 2,000 '				

API Well Number: 43013506710000



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

N

NEWFIELD EXPLORATION COMPANY

16-4-4-4W (Proposed Well)
16-4-4-4WH (Proposed Well)
SEC. 4, T4S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	12-08-11 D.C.R.	VERSION:	SHEET
DATE:	02-15-2011			V2	D
SCALE:	1 " = 2,000 '				

TOPOGRAPHIC MAP

Ent 418482 Bk A579 Pg 228
Date: 15-SEP-2009 12:49PM
Fee: $13.00 Check
Filed By: CBM
CAROLYNE MADSEN, Recorder
DUCHESNE COUNTY CORPORATION
For: NEWFIELD ROCKY MOUNTAIN

MEMORANDUM
of
EASEMENT, RIGHT-OF-WAY
and
SURFACE USE AGREEMENT

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 4th day of May, 2009 by and between, **D. Milton and Karen Moon whose address is 1158 N. 1190 E. American Fork, UT 84003,** ("Surface Owner," whether one or more) and Newfield Production Company, a Texas corporation ("NEWFIELD"), with offices at 1001 17th Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Duchesne County, Utah described as follows:

Township 4 South, Range 4 West
W2 Section 3
E2E2 Section 4

Duchesne County, Utah
Being 482.12 acres, more or less,

For and in consideration of the sum of ten dollars ($10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated May 4th, 2009 as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. Grant of Right of Way and Easement

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD's oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned. This agreement replaces and supersedes any and all prior agreements covering the lands described herein.
These Parties hereto have executed this document effective as of the day first above written.

D. MILTON MOON ET UX

By: _____
D. Milton Moon

By: _____
Karen Moon

NEWFIELD PRODUCTION COMPANY

By: _____
~~Gary D. Packer~~, President
Daryll T. Howard

Ent 418482 Bk A0579 Pg 0229

STATE OF UTAH)
)ss
COUNTY OF Utah)

This instrument was acknowledged before me this 6th day of May, 2009 by **D. Milton Moon.**

Witness my hand and official seal.

Notary Public

My commission expires 11/11

KRISTA L. LARSON
NOTARY PUBLIC-STATE OF UTAH
33 EAST MAIN STREET
AMERICAN FORK, UTAH 84003
COMM. EXP. 11-6-2011

STATE OF UTAH)
)ss
COUNTY OF Utah)

This instrument was acknowledged before me this 6th day of May, 2009 by **Karen Moon.**

Witness my hand and official seal.

Notary Public

My commission expires 11/11

KRISTA L. LARSON
NOTARY PUBLIC-STATE OF UTAH
33 EAST MAIN STREET
AMERICAN FORK, UTAH 84003
COMM. EXP. 11-6-2011

STATE OF COLORADO)
)ss
COUNTY OF Denver)

Daryll T. Howard This instrument was acknowledged before me this July 20th, 2009 by ~~**Gary D. Packer,**~~ **as President of Newfield Production Company,** a Texas corporation, on behalf of the corporation.

Witness my hand and official seal.

Catherine B. Greway
Notary Public

CATHERINE B. GREWAY
NOTARY PUBLIC
STATE OF COLORADO

My commission expires
My Commission Expires July 12, 2010

EXHIBIT D

Township 4 South, Range 4 West
W2 Section 3
E2E2 Section 4

Duchesne County, Utah

ARCHAEOLOGICAL & PALEOTOLOGICAL REPORT WAIVER

For the above referenced location; D. Milton and Karen Moon. (Having a Surface Owner Agreement with Newfield Production Company)

D. Milton and Karen Moon, representing this entity does agree to waive the request from the State of Utah and Bureau of Land Management for an Archaeological/Cultural and Paleotological Resource Survey for any wells covered by the Surface Use Agreement dated 5/4/09 between the above said private land owner and Newfield Production. This waiver hereby releases Newfield Production Company from this request.

D. Milton Moon 5/6/09
D. Milton Moon Date
Private Surface Owner

Karen L. Moon 5/6/09
Karen Moon Date
Private Surface Owner

Brad Mecham 5-20-09
Brad Mecham Date
Newfield Production Company

NEWFIELD PRODUCTION COMPANY
UTE TRIBAL 16-4-4-4W
SE/SE SECTION 4, T4S, R4W
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ute Tribal 16-4-4-4W located in the SE 1/4 SE 1/4 Section 4, T4S, R4W, Duchesne County, Utah:

Proceed southeasterly out of Duchesne – 3.6 miles ± to it's junction with an existing road to the south; proceed southwesterly - 1.1 miles ± to it's junction with an existing road to the east; proceed easterly – 0.3 miles ± to it's junction with the beginning of the proposed access road to the south; proceed southerly along the proposed access road 74' to the proposed well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

Approximately 74' of access road is proposed for the proposed well. See attached **Topographic Map "B"**.

The proposed access road will be an 20' crown road (10' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. *LOCATION AND TYPE OF WATER SUPPLY*

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1807 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. *SOURCE OF CONSTRUCTION MATERIALS*

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. *METHODS FOR HANDLING WASTE DISPOSAL*

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. ***ANCILLARY FACILITIES***

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. ***WELL SITE LAYOUT***

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE**:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. ***SURFACE OWNERSHIP*** – D. Milton and Karen Moon. See the attached Memorandum of Right of Way and Surface Use Agreement.

12. ***OTHER ADDITIONAL INFORMATION***

The Archaeological Resource Survey and Paleontological Resource Survey for this area will be forthcoming.

Newfield Production Company requests 74' of planned access road to be granted. **Refer to Topographic Map "B".** Newfield Production Company requests 95' of surface gas line to be granted. Newfield Production Company requests 49' of buried water line to be granted.

It is proposed that the disturbed area will be 60' wide to allow for construction of the proposed access road, a 10" or smaller gas gathering line, a 4" poly fuel gas line, a buried 10" steel water injection line, a buried 3" poly water return line, and a and a 14" surface flow line. The planned access road will consist of a 20' permanent running surface (10' either side of the centerline) crowned and ditched in order to handle any run-off from any precipitation events that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be turnouts as needed along this road to allow for increases in potential traffic issues. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Both the proposed surface gas and buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface gas pipelines will be installed on the same side of the road as existing gas lines. The construction phase of the planned access road, proposed gas lines and proposed water lines will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice 3160-5 form will be applied for through the Bureau of Land Management field office.

a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

d)

Surface Flow Line

Newfield requests 43' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "C"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

Clearing and Grading: No clearing or grading of the ROW will be required. The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

Installation: The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Ute Tribal 16-4-4-4W, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Ute Tribal 16-4-4-4W, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office as well as the Ute Tribe Energy and Mineral Department shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative

Name: Tim Eaton

Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #16-4-4-4W, SE/SE Section 4, T4S, R4W, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage for this well is covered by the Bureau of Indian Affairs Bond #RLB0010462.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

3/29/11
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

API Well Number: 43013506710000

2-M SYSTEM

Blowout Prevention Equipment Systems

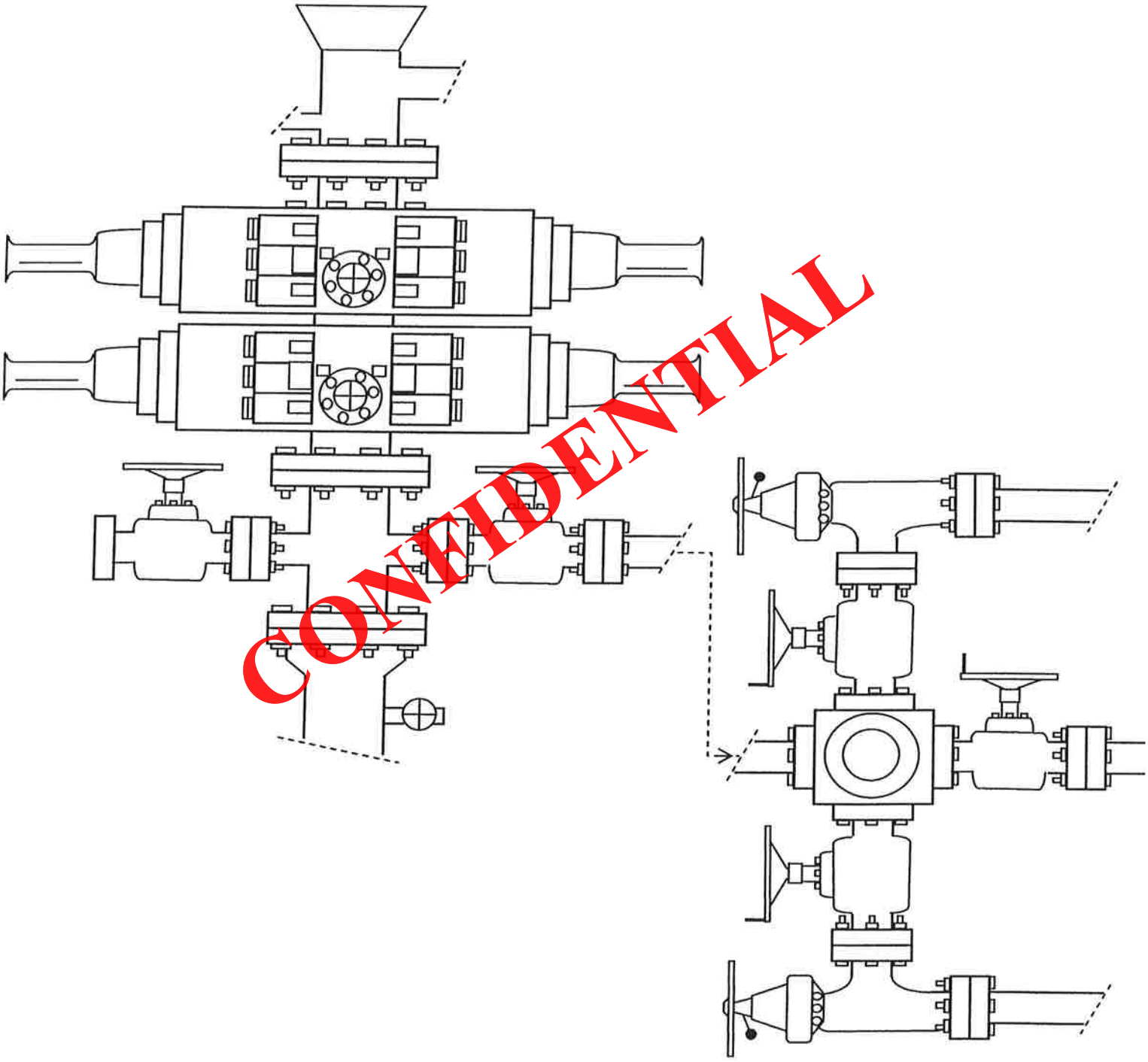
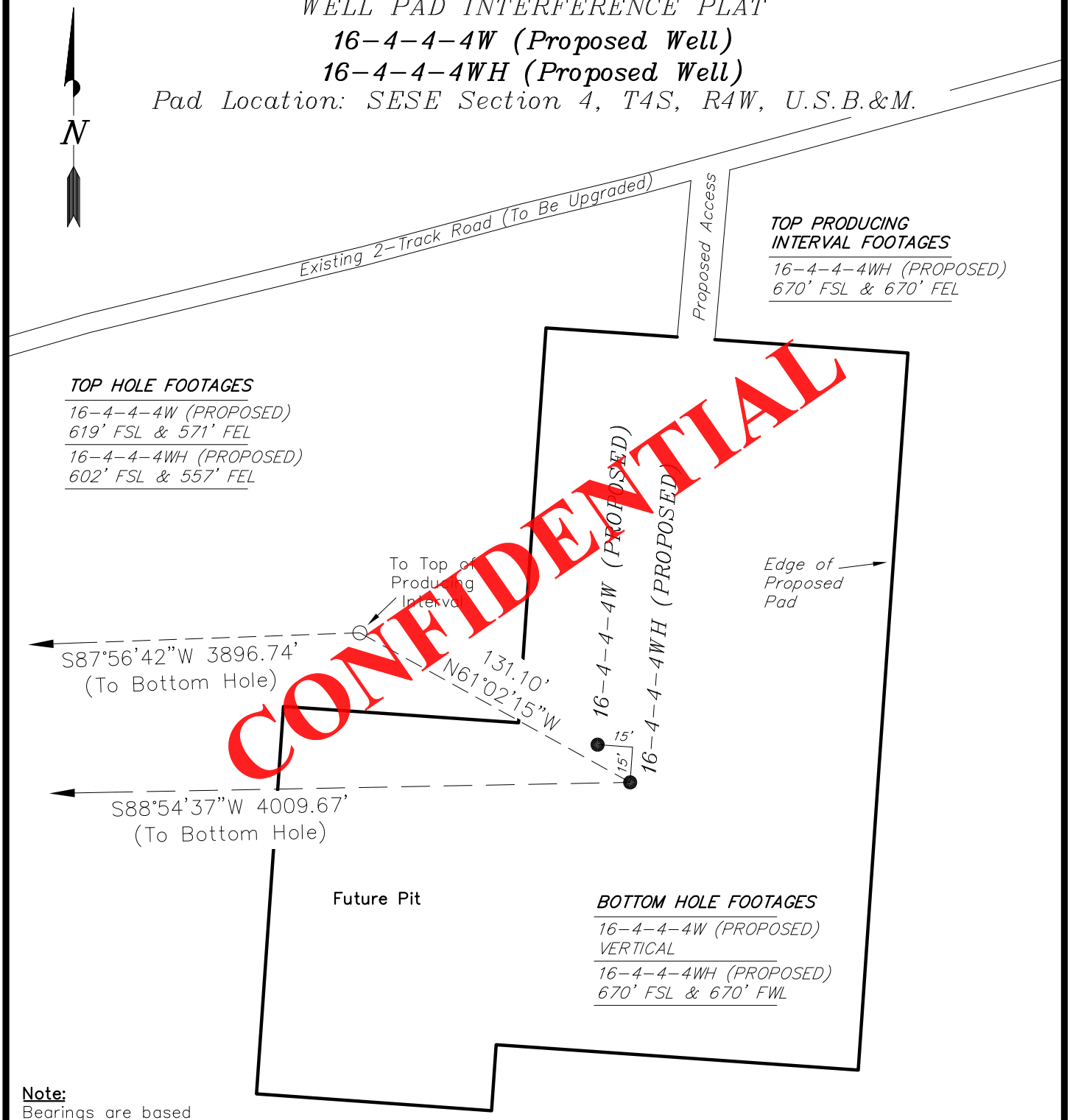


EXHIBIT C

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

16-4-4-4W (Proposed Well)
16-4-4-4WH (Proposed Well)
Pad Location: SESE Section 4, T4S, R4W, U.S.B.&M.



Note:
Bearings are based on GPS Observations.

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
16-4-4-4WH	-76'	-4,009'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
16-4-4-4WH	40° 09' 27.01"	110° 20' 05.21"
16-4-4-4W	40° 09' 27.17"	110° 20' 05.38"

SURVEYED BY: S.V.	DATE SURVEYED: 12-29-10	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 02-11-11	V2
SCALE: 1" = 60'	REVISED: F.T.M. 12-08-11	

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

RECEIVED: March 31, 2011

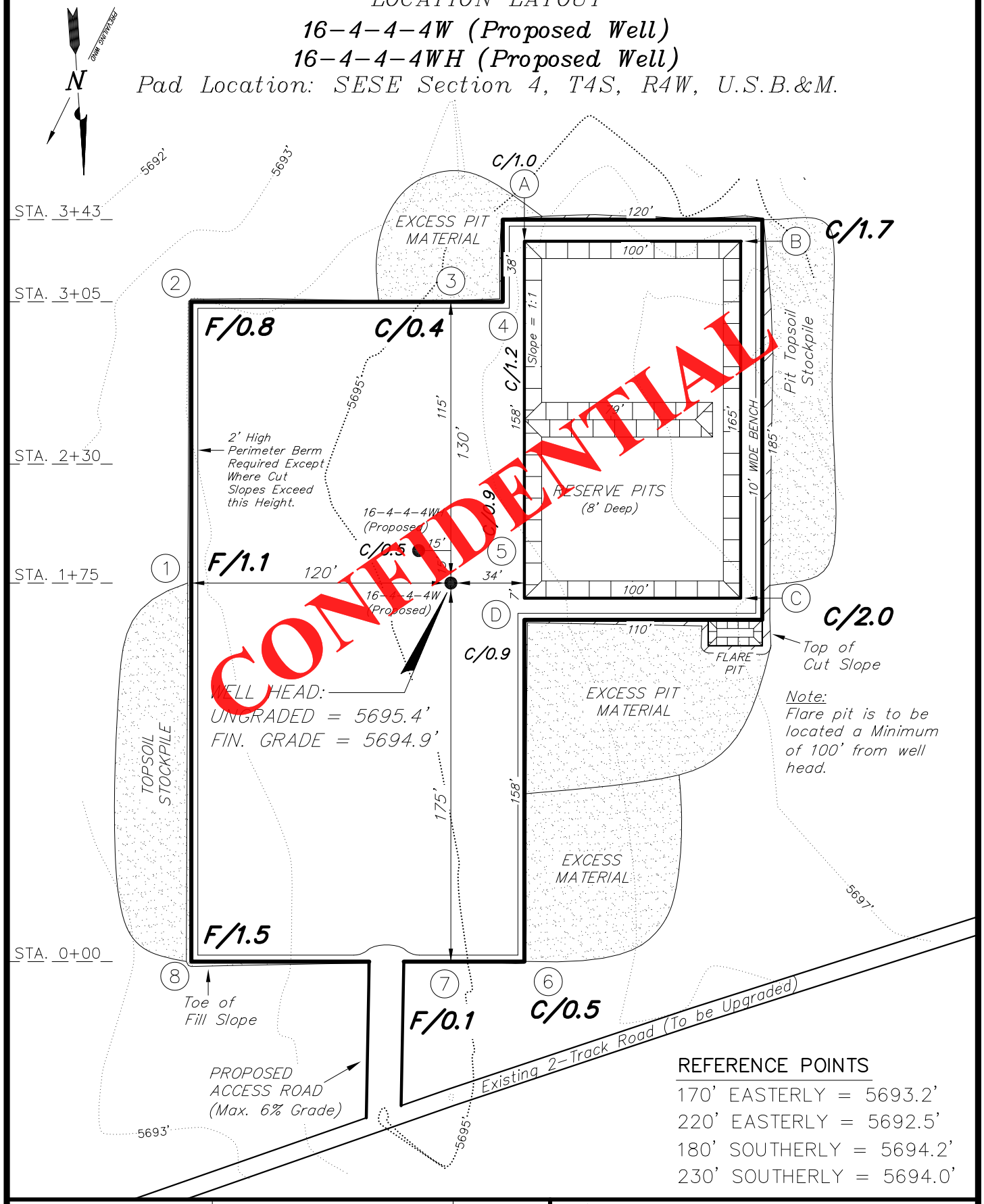
NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

16-4-4-4W (Proposed Well)

16-4-4-4WH (Proposed Well)

Pad Location: SESE Section 4, T4S, R4W, U.S.B.&M.



REFERENCE POINTS

170' EASTERLY = 5693.2'
220' EASTERLY = 5692.5'
180' SOUTHERLY = 5694.2'
230' SOUTHERLY = 5694.0'

SURVEYED BY: S.V.	DATE SURVEYED: 12-29-10	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 02-11-11	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 12-08-11		

RECEIVED: March 31, 2011

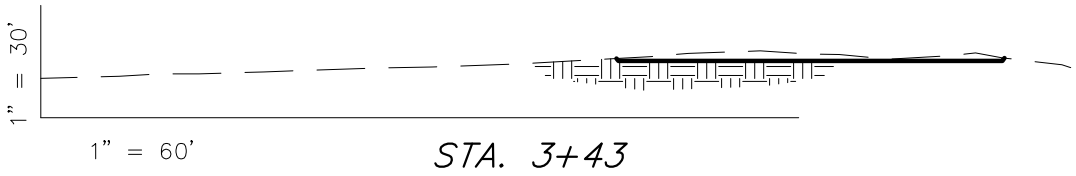
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

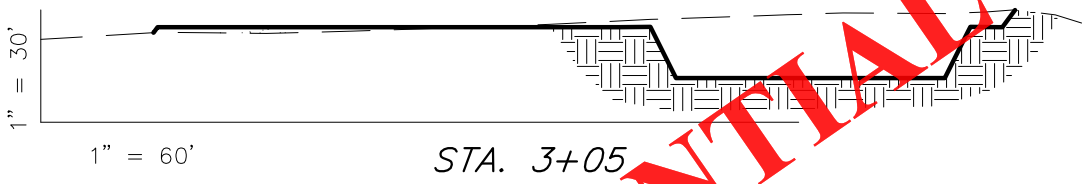
16-4-4-4W (Proposed Well)

16-4-4-4WH (Proposed Well)

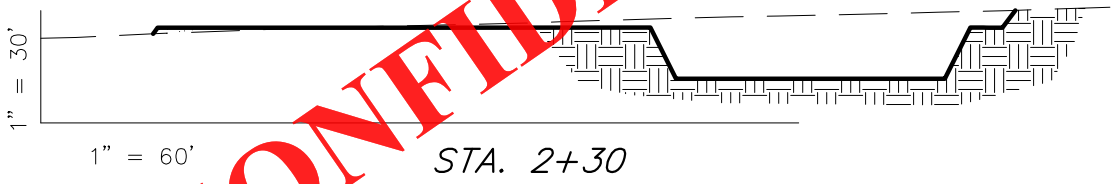
Pad Location: SESE Section 4, T4S, R4W, U.S.B.&M.



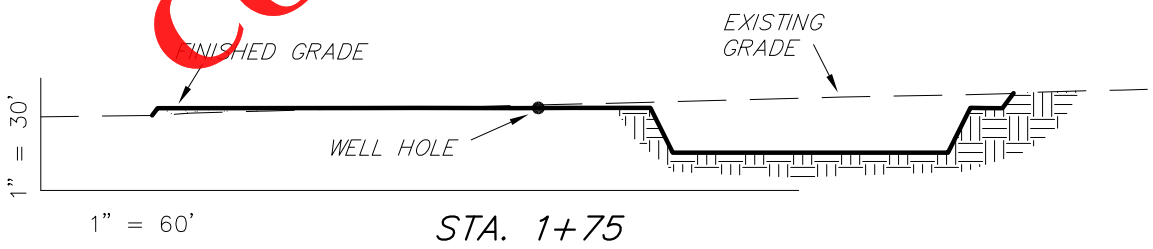
STA. 3+43



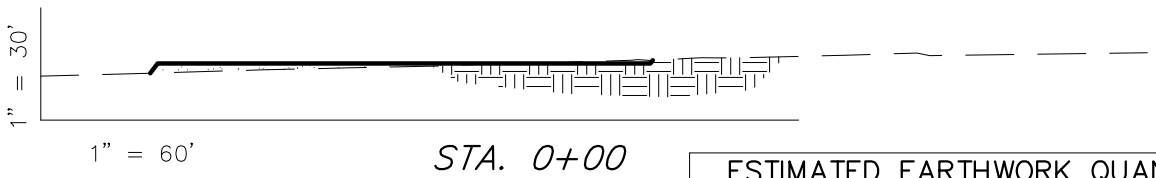
STA. 3+05



STA. 2+30



STA. 1+75



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	1,180	1,180	Topsoil is not included in Pad Cut	0
PIT	4,050	0		4,050
TOTALS	5,230	1,180	1,350	4,050

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

SURVEYED BY: S.V.	DATE SURVEYED: 12-29-10	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 02-11-11	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 12-08-11		

RECEIVED: March 31, 2011

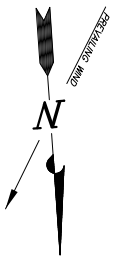
NEWFIELD EXPLORATION COMPANY

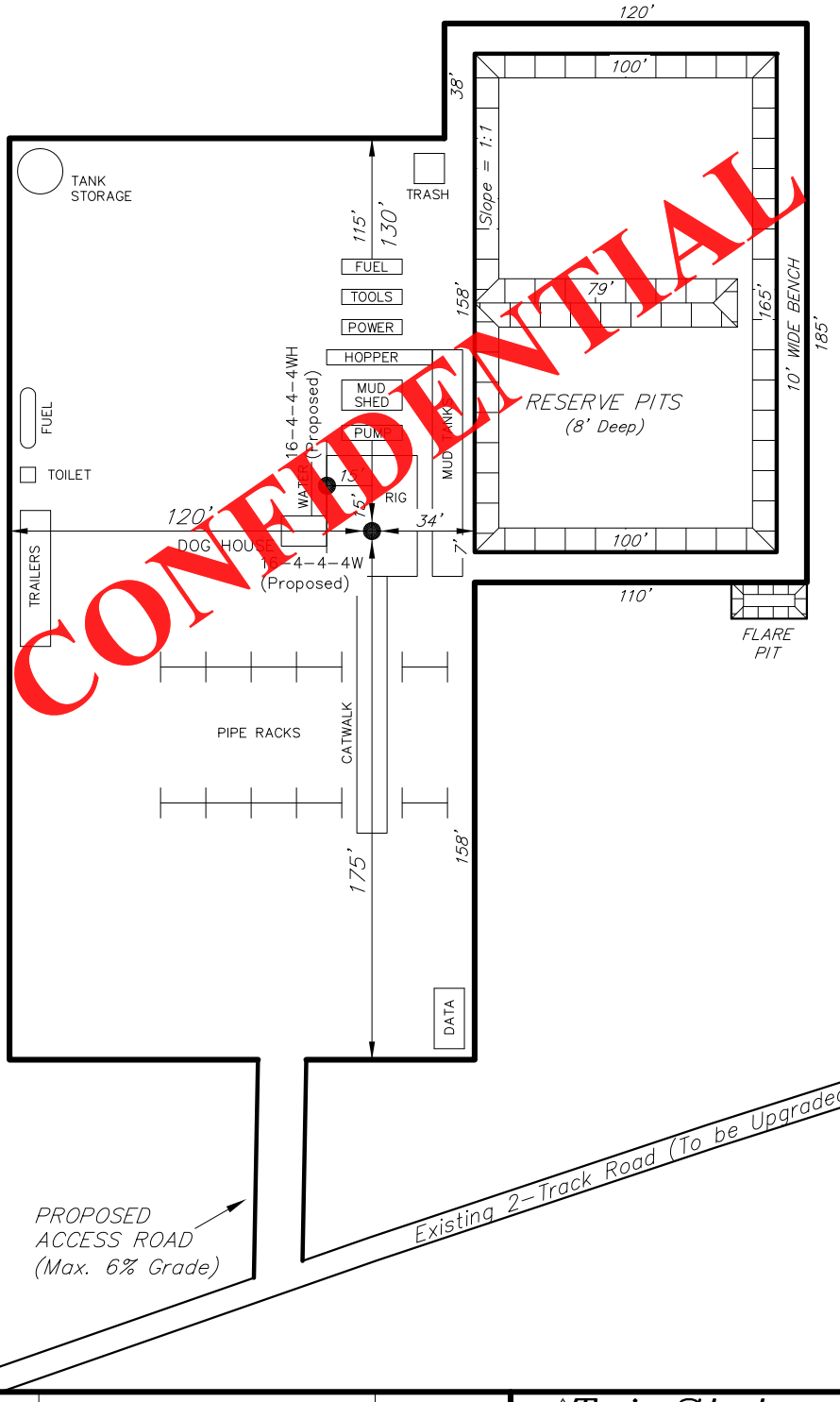
TYPICAL RIG LAYOUT

16-4-4-4W (Proposed Well)

16-4-4-4WH (Proposed Well)

Pad Location: SESE Section 4, T4S, R4W, U.S.B.&M.



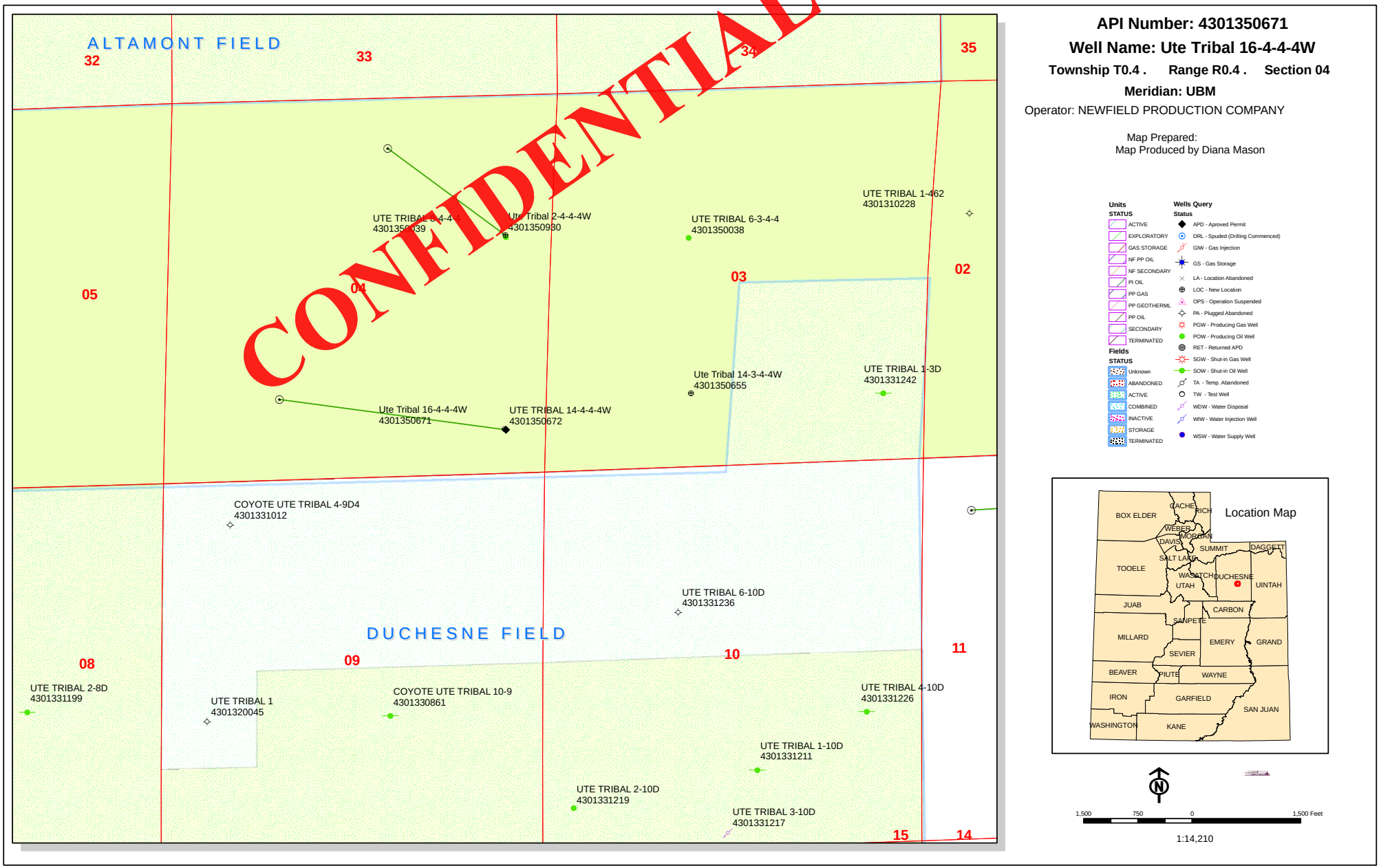


Note:
Flare pit is to be located a Minimum of 100' from well head.

SURVEYED BY: S.V.	DATE SURVEYED: 12-29-10	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 02-11-11	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 12-08-11		

RECEIVED: March 31, 2011

API Well Number: 43013506710000



API Number: 4301350671

Well Name: Ute Tribal 16-4-4-4W

Township T0.4 . Range R0.4 . Section 04

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
LA - Location Abandoned
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
RET - Returned APD
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

1,500 750 0 1,500 Feet

1:14,210

RECEIVED: January 25, 2012

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

Operator NEWFIELD PRODUCTION COMPANY
Well Name Ute Tribal 16-4-4-4W
API Number 43013506710000 **APD No** 3610 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SESE **Sec** 4 **Tw** 4.0S **Rng** 4.0W 619 FSL 571 FEL
GPS Coord (UTM) 556717 4445250 **Surface Owner** D. Milton and Karen Moon

Participants

Richard Powell (DOGM), Tim Eaton (Newfield), Jana Simonsen (BLM), Milton Moon

Regional/Local Setting & Topography

This well sits on a bench south of Hwy 40 in the middle between Bridgeland and Duchesne, UT. The location of the well is flat but to south the land slopes down to a small draw. This region is comprised of small hills and draws which drain to the Duchesne River. To the west of this location there are several cabins which are part of the Utah Mini ranches Development. Duchesne, UT sits approximately 4.5 miles to the west.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.31	**Width** 154 **Length** 290	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Pronghorn, rabbit, rodents, coyote, song birds, raptors
Sage, grasses, shadscale, rabbit brush

Soil Type and Characteristics

Sandy clay loam with scattered gravel on surface

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? N

RECEIVED: May 21, 2012

API Well Number: 43013506710000

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	>200	0	
Distance to Surface Water (feet)	>1000	0	
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	10 to 30	10 to 30	
Presence Nearby Utility Conduits	Unknown	10	
	Final Score	36	1 Sensitivity Level

Characteristics / Requirements

The reserve pit will be place in cut in a stable location. The pit will be 100ft x 165ft x 8ft deep. Tim Eaton of Newfield said they will use a 16 mil liner with a felt sub-liner.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

This is a 2 well pad, shared with 43-013-50672

Richard Powell	6/16/2011
Evaluator	**Date / Time**

RECEIVED: May 21, 2012

Application for Permit to Drill
Statement of Basis

5/21/2012

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3610	43013506710000	LOCKED	OW	P	No

Operator	NEWFIELD PRODUCTION COMPANY	**Surface Owner-APD**	D. Milton and Karen Moon
Well Name	Ute Tribal 16-4-4-4W	**Unit**	
Field	UNDESIGNATED	**Type of Work**	DRILL
Location	SESE 4 4S 4W U 619 FSL 571 FEL GPS Coord (UTM) 556675E 4445466N		

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**

6/28/2011 — **Date / Time**

Surface Statement of Basis

This onsite evaluation was scheduled by Jana Simonsen of the BLM in cooperation Tim Eaton of Newfield Exploration. The surface owner Milton Moon participated in this onsite. This location lies just to the east of the Utah Mini Ranches housing development. When Mr. Moon was asked for comments or concerns he stated that he feels the nearby Utah Mini Ranch residents will probably not like the well, but he personally had no concerns with the placement of the well. Ms. Simonsen of the BLM stated that she had no concerns with the sighting of this well. It appears to be a good location.

Richard Powell — **Onsite Evaluator**

6/16/2011 — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: May 21, 2012

API Well Number: 43013506710000

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/31/2011 **API NO. ASSIGNED:** 43013506710000

WELL NAME: Ute Tribal 16-4-4-4W

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SESE 04 040S 040W **Permit Tech Review:** ☑

SURFACE: 0619 FSL 0571 FEL **Engineering Review:** ☐

BOTTOM: 0619 FSL 0571 FEL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.15764 **LONGITUDE:** -110.33451

UTM SURF EASTINGS: 556675.00 **NORTHINGS:** 4445466.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-6154 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

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

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** INDIAN - RLB0010462
- ☐ **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 Prod LGRRV-WSTC Per Sectional Drilling Units

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
5 - Statement of Basis - bhill

RECEIVED: May 21, 2012

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill
****

Well Name: Ute Tribal 16-4-4-4W
API Well Number: 43013506710000
Lease Number: 14-20-H62-6154
Surface Owner: FEE (PRIVATE)
Approval Date: 5/21/2012

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

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

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

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

Conditions of Approval:
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).

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

Form 3160-3
(August 2007)

RECEIVED
APR 08 2011
FEB 10 2012
BLM

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: 14-20-H62-6154

6. If Indian, Allotee or Tribe Name: UTE

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.: NA

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☑ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.: Ute Tribal 16-4-4-4W

2. Name of Operator: Newfield Production Company

9. API Well No.: 43-013-50671

3a. Address: Route #3 Box 3630, Myton UT 84052

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

10. Field and Pool, or Exploratory: Undesignated

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface: SE/SE 619' FSL 571' FEL
At proposed prod. zone:

11. Sec., T. R. M. or Blk. and Survey or Area: Sec. 4, T4S R4W

14. Distance in miles and direction from nearest town or post office*: Approximately 5.0 miles southeast of Duchesne, UT

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): Approx. 571' f/lse, NA' f/unit

16. No. of acres in lease: NA

17. Spacing Unit dedicated to this well: 40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.: 3,565'

19. Proposed Depth: 8,090'

20. BLM/BIA Bond No. on file: RLB0010462

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 5695' GL

22. Approximate date work will start*: 3rd Qtr. 2012

23. Estimated duration: (7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must 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 must 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 BLM.

25. Signature: Mandie Crozier — Name *(Printed/Typed)*: Mandie Crozier — Date: 2/25/12

Title: Regulatory Analyst

Approved by *(Signature)*: — Name *(Printed/Typed)*: Jerry Kenczka — Date: MAY 30 2012

Title: Assistant Field Manager Lands & Mineral Resources — Office: VERNAL FIELD OFFICE

Application approval does not warrant or certify that 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.

(Continued on page 2)

*(Instructions on page 2)

NOTICE OF APPROVAL

UDOGM

RECEIVED
JUN 11 2012
DIV. OF OIL, GAS & MINING

11 BBM 1977 A

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:**	**SESE, Sec. 4, T4S, R4W**
Well No:	**Ute Tribal 16-4-4-4W**	**Lease No:**	**14-20-H62-6154**
API No:	**43-013-50671**	**Agreement:**	**N/A**

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: 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:

- The edge of the pad shall avoid the drainage.
- A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be installed and maintained in the reserve pit.
- Any deviation from submitted APD's and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All permanent surface equipment (meaning on site for six months or longer) will be painted Covert Green to match the surrounding landscape color unless otherwise authorized. This would include all facilities except those required to comply with Occupational Safety and Health Act (OSHA) regulations.
- Reclamation will be completed in accordance with the recontouring and reseeding procedures outlined in the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM, unless otherwise specified by the private surface owner.
- The surface conditions as set forth by the owner(s) and/or agencies.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: "Ute Tribe Green River Development Program", April 17, 2008). The Operator shall also comply with applicable laws and regulations; with lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

- Variances shall be granted for the air drilling of the surface hole to 500 feet, from Onshore Order 2, III as listed in Section 9.0 of the Ute Tribe Green River SOP.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.

- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.

- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.

- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

- No aggressive/fresh hard-banded drill pipe shall be used within casing.

- **Cement baskets shall not be run on surface casing.**

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

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

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

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

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

- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

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

OPERATING REQUIREMENT REMINDERS:

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

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

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

    - Operator name, address, and telephone number.

    - Well name and number.

    - Well location (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.

CONFIDENTIAL

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

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: BIA EDA 14-20-H62-6154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: UTE TRIBAL 16-4-4-4W

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301350671

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: MYTON-TRIBAL EDA

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 4, T4S, R4W

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
06/03/2012	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - Spud Notice
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

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

On 5/30/12 Ross #31 spud and drilled 2527' of 12 1/4" hole, P/U and run 57 jts of 9 5/8" casing set 2518.53'KB. On 6/3/12 cement w/BJ w/476 sks of PLII+.5%sms+6%Gel+2%CaC12+.25#/skcf mixed @ 12.5ppg and 1.97 yield and 177 sks of Prem.II+1%CaC12+.25#SKCF+.2%SMS @ 14.4ppg at 1.43 yield. Returned 70bbls to pit, bump plug to 1220psi, BLM and State were notified of spud via email.

RECEIVED
JUL 03 2012
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Branden Arnold TITLE

SIGNATURE Branden Arnold DATE 06/08/2012

(This space for State use only)

Casing / Liner Detail

Well	Ute Tribal 16-4-4-4WH
Prospect	Central Basin
Foreman	
Run Date:	
String Type	Surface, 9.625", 36#, J-55, LTC (Generic)

- Detail From Top To Bottom -

Depth	*Length*	*JTS*	*Description*	*OD*	*ID*
2,519.10			KB 18'		
2,519.10	1.43		Wellhead		
2,520.53	-2.00	-1	Cutt Off	9.625	
18.00	2461.57	56	9 5/8 Casing	9.625	
2,479.57	0.95	1	FC	9.625	
2,480.52	37.15	1	Shoe Joint	9.625	
2,517.67	1.43	1	Guide Shoe	9.625	
2,519.10			-		

Cement Detail

Cement Company: Baker Hughes

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft^3)	Description - Slurry Class and Additives
Slurry 1	100	15.8	1.17	117	class G+2%kcl+.25#CF

Stab-In-Job?	No
BHT:	0
Initial Circulation Pressure:	
Initial Circulation Rate:	
Final Circulation Pressure:	
Final Circulation Rate:	
Displacement Fluid:	Water
Displacement Rate:	
Displacement Volume:	9.9
Mud Returns:	
Centralizer Type And Placement:	

Cement To Surface?	Yes
Est. Top of Cement:	0
Plugs Bumped?	No
Pressure Plugs Bumped:	
Floats Holding?	No
Casing Stuck On / Off Bottom?	No
Casing Reciprocated?	No
Casing Rotated?	No
CIP:	9:39
Casing Wt Prior To Cement:	
Casing Weight Set On Slips:	

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6154

SUNDRY NOTICES AND REPORTS ON WELLS

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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 16-4-4-4W

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013506710000

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

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
DUCHESNE

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0619 FSL 0571 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESE Section: 04 Township: 04.0S 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: 5/21/2013	☐ 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 proposes to extend the Application for Permit to Drill this well.

Approved by the Utah Division of Oil, Gas and Mining

Date: May 01, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE		**DATE**
N/A		4/25/2013

RECEIVED: Apr. 25, 2013

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013506710000

API: 43013506710000
Well Name: UTE TRIBAL 16-4-4-4W
Location: 0619 FSL 0571 FEL QTR SESE SEC 04 TWNP 040S RNG 040W MER U
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 5/21/2012

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

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

Signature: Mandie Crozier **Date:** 4/25/2013
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: Apr. 25, 2013

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6154

SUNDRY NOTICES AND REPORTS ON WELLS

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7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
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43013506710000

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

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
DUCHESNE

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0619 FSL 0571 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESE Section: 04 Township: 04.0S 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: 9/3/2013	☐ 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.

On 9/3/2013 Drill and set 20' of conductor Drill F 20' to 504' KB on 9/4/13 P/U and run 11 joints of 8 5/8 set depth 507' KB. casing On 9/5/13 Cement with 259 sx of G Neat cement returned 7 bbls to pit.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
September 10, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Cherei Neilson	435 646-4883	Drilling Techinacian
SIGNATURE		**DATE**
N/A		9/10/2013

NEWFIELD

Casing

Conductor

Legal Well Name			Wellbore Name	
Ute Tribal 16-4-4-4W			Original Hole	
API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43013506710000	SESE	MYTON AREA	Development	Vertical
Well RC	County	State/Province	Spud Date	Final Rig Release Date
500359715	Duchesne	Utah	9/3/2013 09:30	

Wellbore

Wellbore Name	Kick Off Depth (ftKB)
Original Hole	

Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	13	33	9/3/2013	9/3/2013

Wellhead

Type	Install Date	Service	Comment

Wellhead Components

Des	Make	Model	SN	WP Top (psi)

Casing

Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Conductor	33	9/3/2013	

Centralizers	Scratchers

Casing Components

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Conductor	14	13.500	36.75	H-40		1	20.00	13.0	33.0			

Jewelry Details

External Casing Packer

Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)

Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner

% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)

Slot Description	Slot Pattern	Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger

Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)

Slip Description	Set Mechanics

Setting Procedure

Unsetting Procedure

NEWFIELD

Casing

Surface

Legal Well Name		Wellbore Name			
Ute Tribal 16-4-4-4W		Original Hole			
API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type	
43013506710000	SESE	MYTON AREA	Development	Vertical	
Well RC	County	State/Province	Spud Date	Final Rig Release Date	
500359715	Duchesne	Utah	9/3/2013 09:30		

Wellbore

Wellbore Name	Kick Off Depth (ftKB)
Original Hole	

Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	13	33	9/3/2013	9/3/2013
Vertical	12 1/4	33	514	9/3/2013	9/3/2013

Wellhead

Type	Install Date	Service	Comment

Wellhead Components

Des	Make	Model	SN	WP Top (psi)

Casing

Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Surface	507	9/4/2013	

Centralizers	Scratchers
2	

Casing Components

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Cut off	8 5/8	8.097	24.00	J-55	ST&C	1	42.87	13.5	56.3			
Casing Joints	8 5/8	8.097	24.00	J-55	ST&C	1	44.82	56.3	101.2			
Casing Joints	8 5/8	8.097	24.00	J-55	ST&C	8	358.51	101.2	459.7			
Float Collar	8 5/8	8.097	24.00	J-55	ST&C	1	1.00	459.7	460.7			
Shoe Joint	8 5/8	8.097	24.00	J-55	ST&C	1	44.83	460.7	505.5			
Guide Shoe	8 5/8	8.097	24.00	J-55	ST&C	1	1.50	505.5	507.0			

Jewelry Details

External Casing Packer

Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)

Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner

% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)

Slot Description	Slot Pattern	Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger

Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)

Slip Description	Set Mechanics

Setting Procedure

Unsetting Procedure

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By Branden Arnold Phone Number 435-401-0223
Well Name/Number ~~GMBU 16-4-4-4W~~ Ute Tribal 16-4-4-4W
Qtr/Qtr SE/SE Section 4 Township 4S Range 4W
Lease Serial Number 14-20H62-6154
API Number 43-013-50671

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

Date/Time 9/2/13 8:00 AM ☒ PM ☐

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

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

Date/Time 9/2/13 5:00 AM ☐ PM ☒

BOPE

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

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By Branden Arnold Phone Number 435-401-0223
Well Name/Number UTE TRIBAL 16-4-4-4WS
Qtr/Qtr SE/SE Section 4 Township 4S Range 4W
Lease Serial Number 14-20H62-6154
API Number 43-013-50671

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

Date/Time 9/2/13 8:00 AM ☒ PM ☐

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

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

Date/Time 9/2/13 5:00 AM ☐ PM ☒

BOPE

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

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

API Well Number: 43013506710000

PBTVD 0209'
BHL 365' FSL, 696' FEL

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.: 1420H626154

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: UTE

7. Unit or CA Agreement Name and No.: NA

2. Name of Operator: NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.: UTE TRIBAL 16-4-4-4W

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

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

9. API Well No.: 43-013-50671

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

At surface: 619' FSL 571' FEL (SE/SE) SEC 4, T4S, R4W

At top prod. interval reported below: 619' FSL 571' FEL (SE/SE) SEC 4, T4S, R4W

At total depth: 619' FSL 571' FEL (SE/SE) SEC 4, T4S, R4W

10. Field and Pool or Exploratory: UNDESIGNATED

11. Sec., T., R., M., on Block and Survey or Area: SEC 4, T4S, R4W

12. County or Parish: DUCHESNE

13. State: UT

14. Date Spudded: 09/03/2013

15. Date T.D. Reached: 10/20/2013

16. Date Completed: ☐ D & A ☑ Ready to Prod. 11/26/2013

17. Elevations (DF, RKB, RT, GL)*: 5695' GL 5708' KB

18. Total Depth: MD 8283' TVD 8276'

19. Plug Back T.D.: MD 8213' 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
12-1/4"	8-5/8" J-55	24	0'	507'		259 CLASS G			
7-7/8"	5-1/2" E-80	17	0'	8260'		390 Econocem		610'	
						580 Bondcem			

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@7213'	TA@7188'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	7258'	7583'	7258' - 7583 ' MD	0.34	57	
B) Wasatch	7762'	8112'	7762' - 8112' MD	0.34	60	
C)						
D)						

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

Depth Interval	Amount and Type of Material
7258' - 8112' MD	Frac w/ 278500#s of 20/40 white sand and 21820#s 100 mesh in 8313 bbls of Lightning 17 fluid, in 4 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
11/26/13	12/11/13	24	→	137	201	41			Jet 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)

RECEIVED: Dec. 17, 2013

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	5205'
				GARDEN GULCH 1	5485'
				GARDEN GULCH 2	5630'
				POINT 3	5945'
				X MRKR	6220'
				Y MRKR	6255'
				DOUGLAS CREEK MRK	6360'
				BI CARBONATE MRK	6650'
				B LIMESTONE MRK	6795'
				CASTLE PEAK	7345'
				BASAL CARBONATE	7725'
				WASATCH	7880'

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 12/17/13

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: Dec. 17, 2013

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 4 T4S, R4W
16-4-4-4W
Wellbore #1

Design: Actual

End of Well Report

22 October, 2013

RECEIVED: Dec. 17, 2013

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 16-4-4-4W
Project:	USGS Myton SW (UT)	**TVD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Site:	SECTION 4 T4S, R4W	**MD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Well:	16-4-4-4W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

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

Site SECTION 4 T4S, R4W

Site Position:		**Northing:**	7,230,000.00 usft	**Latitude:**	40° 9' 44.901 N
From:	Map	**Easting:**	1,964,000.00 usft	**Longitude:**	110° 20' 31.699 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.74 °

Well 16-4-4-4W, SHL LAT: 40 09 27.01 LONG: -110 20 05.21

Well Position	**+N/-S**	0.0 usft	**Northing:**	7,228,216.54 usft	**Latitude:**	40° 9' 27.010 N
	+E/-W	0.0 usft	**Easting:**	1,966,079.76 usft	**Longitude:**	110° 20' 5.210 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	5,708.4 usft	**Ground Level:**	5,695.4 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/10/2013	11.14	65.78	52,063

Design Actual

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	206.25

Survey Program **Date** 10/22/2013

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
553.0	8,283.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 16-4-4-4W
Project:	USGS Myton SW (UT)	**TVD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Site:	SECTION 4 T4S, R4W	**MD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Well:	16-4-4-4W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
553.0	1.30	164.40	553.0	4.7	-6.0	1.7	0.24	0.24	0.00
584.0	0.90	174.80	583.9	5.1	-6.6	1.8	1.44	-1.29	33.55
613.0	0.80	164.70	612.9	5.5	-7.0	1.9	0.62	-0.34	-34.83
643.0	1.10	166.14	642.9	5.9	-7.5	2.0	1.00	1.00	4.80
673.0	0.80	172.50	672.9	6.3	-8.0	2.1	1.06	-1.00	21.20
704.0	0.90	181.70	703.9	6.7	-8.5	2.1	0.54	0.32	29.68
748.0	1.10	174.40	747.9	7.3	-9.2	2.2	0.54	0.45	-16.59
791.0	0.90	190.40	790.9	8.0	-10.0	2.1	0.79	-0.47	37.21
835.0	1.10	192.40	834.9	8.8	-10.7	2.0	0.46	0.45	4.55
879.0	0.90	179.10	878.9	9.5	-11.5	1.9	0.69	-0.45	-30.23
923.0	1.10	166.50	922.9	10.1	-12.2	2.0	0.67	0.45	-28.64
967.0	1.30	135.70	966.9	10.6	-13.0	2.4	1.51	0.45	-70.00
1,010.0	1.30	140.40	1,009.9	11.0	-13.7	3.1	0.25	0.00	10.93
1,054.0	1.30	136.00	1,053.9	11.3	-14.5	3.8	0.23	0.00	-10.00
1,098.0	1.21	136.00	1,097.9	11.7	-15.2	4.4	0.20	-0.20	0.00
1,142.0	1.10	152.60	1,141.8	12.1	-15.9	4.9	0.80	-0.25	37.73
1,186.0	1.20	163.30	1,185.8	12.6	-16.7	5.3	0.54	0.23	24.32
1,229.0	1.30	173.70	1,228.8	13.4	-17.6	5.5	0.58	0.23	24.19
1,273.0	1.30	179.30	1,272.8	14.3	-18.6	5.5	0.29	0.00	12.73
1,317.0	1.30	180.30	1,316.8	15.1	-19.6	5.5	0.05	0.00	2.27
1,361.0	1.40	157.60	1,360.8	16.0	-20.6	5.7	1.23	0.23	-51.59
1,404.0	1.50	143.50	1,403.8	16.6	-21.5	6.3	0.86	0.23	-32.79
1,448.0	1.50	148.60	1,447.8	17.1	-22.5	6.9	0.30	0.00	11.59
1,492.0	1.30	163.40	1,491.8	17.8	-23.5	7.3	0.94	-0.45	33.64
1,536.0	1.40	158.00	1,535.7	18.5	-24.4	7.7	0.37	0.23	-12.27
1,579.0	1.40	170.40	1,578.7	19.3	-25.5	8.0	0.70	0.00	28.84

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 16-4-4-4W
Project:	USGS Myton SW (UT)	**TVD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Site:	SECTION 4 T4S, R4W	**MD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Well:	16-4-4-4W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
1,623.0	1.50	180.50	1,622.7	20.3	-26.6	8.1	0.62	0.23	22.95
1,667.0	1.80	183.30	1,666.7	21.4	-27.8	8.0	0.71	0.68	6.36
1,711.0	1.80	181.80	1,710.7	22.7	-29.2	7.9	0.11	0.00	-3.41
1,754.0	2.20	185.50	1,753.6	24.1	-30.7	7.8	0.98	0.93	8.60
1,798.0	2.00	185.50	1,797.6	25.6	-32.3	7.7	0.45	-0.45	0.00
1,842.0	1.20	178.30	1,841.6	26.7	-33.5	7.6	1.87	-1.82	-16.36
1,886.0	1.40	182.00	1,885.6	27.6	-34.5	7.6	0.49	0.45	8.41
1,929.0	1.40	183.90	1,928.6	28.6	-35.6	7.6	0.11	0.00	4.42
1,973.0	1.70	179.60	1,972.6	29.6	-36.8	7.5	0.73	0.68	-9.77
2,017.0	1.80	180.60	2,016.5	30.8	-38.1	7.5	0.24	0.23	2.27
2,061.0	2.10	186.70	2,060.5	32.2	-39.6	7.4	0.83	0.68	13.86
2,105.0	2.20	187.90	2,104.5	33.8	-41.2	7.2	0.25	0.23	2.73
2,148.0	2.30	192.90	2,147.4	35.4	-42.9	6.9	0.51	0.23	11.63
2,192.0	2.40	189.40	2,191.4	37.2	-44.7	6.6	0.40	0.23	-7.95
2,236.0	2.70	195.50	2,235.4	39.1	-46.6	6.1	0.92	0.68	13.86
2,280.0	3.20	195.30	2,279.3	41.3	-48.8	5.5	1.14	1.14	-0.45
2,323.0	3.20	200.40	2,322.2	43.6	-51.0	4.8	0.66	0.00	11.86
2,366.0	2.90	200.50	2,365.2	45.9	-53.2	4.0	0.70	-0.70	0.23
2,410.0	2.80	202.90	2,409.1	48.1	-55.2	3.2	0.35	-0.23	5.45
2,454.0	2.40	207.50	2,453.1	50.1	-57.0	2.4	1.02	-0.91	10.45
2,498.0	2.40	206.70	2,497.0	51.9	-58.7	1.5	0.08	0.00	-1.82
2,542.0	1.90	198.90	2,541.0	53.6	-60.2	0.9	1.31	-1.14	-17.73
2,585.0	2.10	199.50	2,584.0	55.1	-61.6	0.4	0.47	0.47	1.40
2,629.0	2.50	204.50	2,628.0	56.8	-63.2	-0.3	1.02	0.91	11.36
2,673.0	2.90	202.80	2,671.9	58.9	-65.1	-1.1	0.93	0.91	-3.86
2,717.0	2.60	202.40	2,715.9	61.0	-67.1	-1.9	0.68	-0.68	-0.91
2,761.0	2.20	200.50	2,759.8	62.8	-68.8	-2.6	0.93	-0.91	-4.32

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 16-4-4-4W
Project:	USGS Myton SW (UT)	**TVD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Site:	SECTION 4 T4S, R4W	**MD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Well:	16-4-4-4W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
2,804.0	2.70	195.90	2,802.8	64.7	-70.5	-3.2	1.25	1.16	-10.70
2,848.0	2.80	199.00	2,846.7	66.8	-72.5	-3.8	0.41	0.23	7.05
2,892.0	2.60	193.00	2,890.7	68.8	-74.5	-4.4	0.79	-0.45	-13.64
2,936.0	2.20	181.30	2,934.6	70.5	-76.4	-4.6	1.43	-0.91	-26.59
2,979.0	2.50	183.50	2,977.6	72.1	-78.1	-4.7	0.73	0.70	5.12
3,023.0	3.10	192.60	3,021.5	74.2	-80.2	-5.0	1.69	1.36	20.68
3,066.0	3.20	192.20	3,064.5	76.5	-82.5	-5.5	0.24	0.23	-0.93
3,109.0	2.60	193.30	3,107.4	78.6	-84.7	-6.0	1.40	-1.40	2.56
3,153.0	2.80	193.90	3,151.4	80.6	-86.7	-6.5	0.46	0.45	1.36
3,197.0	2.50	190.40	3,195.3	82.6	-88.7	-6.9	0.77	-0.68	-7.95
3,241.0	2.60	190.00	3,239.3	84.5	-90.6	-7.3	0.23	0.23	-0.91
3,284.0	2.00	189.20	3,282.3	86.1	-92.3	-7.6	1.40	-1.40	-1.86
3,327.0	2.10	187.70	3,325.2	87.6	-93.8	-7.8	0.26	0.23	-3.49
3,370.0	1.50	182.30	3,368.2	88.8	-95.2	-7.9	1.45	-1.40	-12.56
3,414.0	2.00	192.60	3,412.2	90.1	-96.5	-8.1	1.34	1.14	23.41
3,456.0	2.60	202.30	3,454.1	91.8	-98.1	-8.6	1.70	1.43	23.10
3,500.0	2.80	201.60	3,498.1	93.8	-100.0	-9.4	0.46	0.45	-1.59
3,544.0	2.60	206.60	3,542.1	95.9	-101.9	-10.2	0.70	-0.45	11.36
3,588.0	2.90	211.20	3,586.0	98.0	-103.7	-11.3	0.85	0.68	10.45
3,632.0	2.10	208.10	3,630.0	99.9	-105.4	-12.2	1.84	-1.82	-7.05
3,676.0	1.30	186.60	3,673.9	101.2	-106.6	-12.7	2.30	-1.82	-48.86
3,719.0	1.70	184.10	3,716.9	102.3	-107.7	-12.8	0.94	0.93	-5.81
3,763.0	2.22	184.10	3,760.9	103.7	-109.2	-12.9	1.18	1.18	0.00
3,806.0	2.40	188.20	3,803.9	105.3	-111.0	-13.1	0.57	0.42	9.53
3,850.0	2.50	186.90	3,847.8	107.1	-112.8	-13.3	0.26	0.23	-2.95
3,893.0	2.50	192.70	3,890.8	108.9	-114.7	-13.6	0.59	0.00	13.49
3,936.0	2.10	198.70	3,933.7	110.6	-116.3	-14.1	1.08	-0.93	13.95

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 16-4-4-4W
Project:	USGS Myton SW (UT)	**TVD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Site:	SECTION 4 T4S, R4W	**MD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Well:	16-4-4-4W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
3,979.0	2.80	195.50	3,976.7	112.4	-118.1	-14.6	1.66	1.63	-7.44
4,023.0	3.40	195.30	4,020.6	114.7	-120.4	-15.2	1.36	1.36	-0.45
4,066.0	3.40	200.90	4,063.6	117.2	-122.8	-16.0	0.77	0.00	13.02
4,108.0	2.60	208.20	4,105.5	119.4	-124.8	-16.9	2.11	-1.90	17.38
4,152.0	2.20	226.70	4,149.5	121.2	-126.3	-18.0	1.97	-0.91	42.05
4,195.0	2.60	219.00	4,192.4	122.9	-127.6	-19.2	1.19	0.93	-17.91
4,239.0	2.70	219.70	4,236.4	124.9	-129.2	-20.5	0.24	0.23	1.59
4,281.0	2.20	234.00	4,278.4	126.6	-130.4	-21.8	1.87	-1.19	34.05
4,325.0	2.30	237.50	4,322.3	128.1	-131.4	-23.2	0.39	0.23	7.95
4,368.0	2.60	224.70	4,365.3	129.8	-132.5	-24.6	1.45	0.70	-29.77
4,411.0	2.60	224.90	4,408.2	131.6	-133.9	-26.0	0.02	0.00	0.47
4,453.0	1.90	222.70	4,450.2	133.2	-135.1	-27.2	1.68	-1.67	-5.24
4,496.0	2.00	228.20	4,493.2	134.6	-136.1	-28.2	0.49	0.23	12.79
4,540.0	2.50	223.70	4,537.1	136.2	-137.3	-29.4	1.20	1.14	-10.23
4,583.0	2.40	224.90	4,580.1	137.9	-138.6	-30.7	0.26	-0.23	2.79
4,626.0	1.90	228.90	4,623.1	139.4	-139.7	-31.9	1.21	-1.16	9.30
4,669.0	2.10	236.70	4,666.0	140.8	-140.6	-33.1	0.78	0.47	18.14
4,713.0	2.10	229.70	4,710.0	142.2	-141.6	-34.4	0.58	0.00	-15.91
4,756.0	2.30	228.30	4,753.0	143.7	-142.7	-35.6	0.48	0.47	-3.26
4,799.0	2.50	227.70	4,795.9	145.4	-143.9	-37.0	0.47	0.47	-1.40
4,843.0	2.50	227.90	4,839.9	147.2	-145.2	-38.4	0.02	0.00	0.45
4,887.0	2.20	232.60	4,883.9	148.8	-146.3	-39.8	0.81	-0.68	10.68
4,931.0	2.50	235.70	4,927.8	150.4	-147.4	-41.2	0.74	0.68	7.05
4,974.0	2.70	230.40	4,970.8	152.2	-148.6	-42.8	0.73	0.47	-12.33
5,018.0	2.90	229.80	5,014.7	154.1	-149.9	-44.4	0.46	0.45	-1.36
5,061.0	2.20	240.50	5,057.7	155.8	-151.1	-46.0	1.96	-1.63	24.88
5,104.0	2.00	257.00	5,100.7	157.0	-151.6	-47.4	1.47	-0.47	38.37

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 16-4-4-4W
Project:	USGS Myton SW (UT)	**TVD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Site:	SECTION 4 T4S, R4W	**MD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Well:	16-4-4-4W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
5,147.0	2.20	251.60	5,143.6	158.0	-152.1	-49.0	0.65	0.47	-12.56
5,190.0	2.30	244.00	5,186.6	159.3	-152.7	-50.5	0.73	0.23	-17.67
5,232.0	2.50	239.80	5,228.6	160.7	-153.5	-52.1	0.63	0.48	-10.00
5,276.0	2.60	236.70	5,272.5	162.4	-154.6	-53.7	0.39	0.23	-7.05
5,320.0	2.50	230.60	5,316.5	164.1	-155.7	-55.3	0.66	-0.23	-13.86
5,362.0	2.10	223.20	5,358.4	165.7	-156.9	-56.5	1.18	-0.95	-17.62
5,405.0	2.00	220.00	5,401.4	167.2	-158.0	-57.6	0.35	-0.23	-7.44
5,449.0	2.50	215.50	5,445.4	168.9	-159.4	-58.6	1.20	1.14	-10.23
5,493.0	2.70	216.60	5,489.3	170.8	-161.0	-59.8	0.47	0.45	2.50
5,535.0	2.70	217.60	5,531.3	172.8	-162.6	-61.0	0.11	0.00	2.38
5,579.0	2.10	211.30	5,575.3	174.6	-164.1	-62.0	1.49	-1.36	-14.32
5,623.0	2.40	217.80	5,619.2	176.3	-165.5	-63.0	0.89	0.68	14.77
5,666.0	2.60	214.30	5,662.2	178.1	-167.0	-64.1	0.58	0.47	-8.14
5,710.0	3.00	207.20	5,706.1	180.3	-168.9	-65.2	1.20	0.91	-16.14
5,796.0	3.10	212.30	5,792.0	184.8	-172.8	-67.5	0.34	0.12	5.93
5,839.0	3.00	215.30	5,834.9	187.1	-174.7	-68.7	0.44	-0.23	6.98
5,883.0	2.30	224.50	5,878.9	189.1	-176.3	-70.0	1.86	-1.59	20.91
5,927.0	2.30	242.00	5,922.9	190.6	-177.3	-71.4	1.59	0.00	39.77
5,970.0	2.50	239.40	5,965.8	192.1	-178.2	-73.0	0.53	0.47	-6.05
6,014.0	2.60	227.60	6,009.8	193.9	-179.4	-74.6	1.21	0.23	-26.82
6,057.0	2.90	222.90	6,052.7	195.8	-180.8	-76.0	0.87	0.70	-10.93
6,101.0	3.00	221.20	6,096.7	198.0	-182.5	-77.5	0.30	0.23	-3.86
6,144.0	2.30	229.90	6,139.6	199.9	-183.9	-78.9	1.87	-1.63	20.23
6,186.0	1.70	234.30	6,181.6	201.2	-184.8	-80.1	1.47	-1.43	10.48
6,229.0	1.90	223.80	6,224.6	202.4	-185.7	-81.1	0.90	0.47	-24.42
6,273.0	2.10	223.70	6,268.6	203.9	-186.8	-82.2	0.45	0.45	-0.23
6,315.0	2.50	215.10	6,310.5	205.5	-188.1	-83.2	1.26	0.95	-20.48

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 16-4-4-4W
Project:	USGS Myton SW (UT)	**TVD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Site:	SECTION 4 T4S, R4W	**MD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Well:	16-4-4-4W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
6,358.0	2.60	218.80	6,353.5	207.4	-189.7	-84.4	0.45	0.23	8.60
6,402.0	2.70	214.90	6,397.4	209.4	-191.3	-85.6	0.47	0.23	-8.86
6,445.0	2.50	219.10	6,440.4	211.3	-192.8	-86.8	0.64	-0.47	9.77
6,489.0	2.70	219.90	6,484.3	213.3	-194.4	-88.0	0.46	0.45	1.82
6,532.0	2.90	217.60	6,527.3	215.3	-196.0	-89.3	0.53	0.47	-5.35
6,576.0	2.70	221.40	6,571.2	217.4	-197.7	-90.7	0.62	-0.45	8.64
6,619.0	2.40	219.70	6,614.2	219.3	-199.1	-92.0	0.72	-0.70	-3.95
6,663.0	1.80	220.80	6,658.2	220.8	-200.4	-93.0	1.37	-1.36	2.50
6,706.0	2.10	229.80	6,701.1	222.2	-201.4	-94.0	0.99	0.70	20.93
6,750.0	1.80	240.40	6,745.1	223.5	-202.3	-95.2	1.06	-0.68	24.09
6,793.0	1.80	252.40	6,788.1	224.5	-202.8	-96.5	0.87	0.00	27.91
6,837.0	2.00	270.60	6,832.1	225.4	-203.0	-97.9	1.44	0.45	41.36
6,881.0	2.20	271.30	6,876.0	226.0	-203.0	-99.5	0.46	0.45	1.59
6,924.0	2.60	282.10	6,919.0	226.6	-202.7	-101.3	1.40	0.93	25.12
6,967.0	2.50	292.80	6,962.0	226.9	-202.2	-103.1	1.13	-0.23	24.88
7,011.0	1.90	310.10	7,005.9	226.8	-201.3	-104.6	2.02	-1.36	39.32
7,055.0	1.40	299.20	7,049.9	226.6	-200.6	-105.6	1.34	-1.14	-24.77
7,099.0	1.40	265.30	7,093.9	226.9	-200.4	-106.6	1.86	0.00	-77.05
7,142.0	2.00	249.70	7,136.9	227.7	-200.7	-107.8	1.75	1.40	-36.28
7,186.0	2.40	232.80	7,180.8	229.1	-201.5	-109.3	1.72	0.91	-38.41
7,229.0	3.20	219.70	7,223.8	231.0	-203.0	-110.8	2.37	1.86	-30.47
7,273.0	3.40	209.50	7,267.7	233.5	-205.1	-112.2	1.41	0.45	-23.18
7,317.0	2.80	214.80	7,311.7	235.9	-207.1	-113.4	1.51	-1.36	12.05
7,360.0	2.00	221.30	7,354.6	237.7	-208.5	-114.5	1.96	-1.86	15.12
7,403.0	1.30	239.40	7,397.6	238.8	-209.3	-115.4	2.01	-1.63	42.09
7,447.0	1.70	217.00	7,441.6	239.8	-210.1	-116.3	1.60	0.91	-50.91
7,490.0	2.70	202.20	7,484.6	241.5	-211.5	-117.0	2.66	2.33	-34.42

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 16-4-4-4W
Project:	USGS Myton SW (UT)	**TVD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Site:	SECTION 4 T4S, R4W	**MD Reference:**	16-4-4-4W @ 5708.4usft (Original Well Elev)
Well:	16-4-4-4W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
7,534.0	3.00	197.70	7,528.5	243.7	-213.6	-117.8	0.85	0.68	-10.23
7,577.0	2.60	193.00	7,571.4	245.7	-215.6	-118.3	1.07	-0.93	-10.93
7,620.0	2.20	195.00	7,614.4	247.5	-217.4	-118.8	0.95	-0.93	4.65
7,664.0	2.10	196.80	7,658.4	249.1	-218.9	-119.2	0.27	-0.23	4.09
7,752.0	3.00	190.60	7,746.3	252.9	-222.8	-120.1	1.07	1.02	-7.05
7,796.0	3.60	191.80	7,790.2	255.4	-225.2	-120.6	1.37	1.36	2.73
7,839.0	3.40	195.80	7,833.1	257.9	-227.8	-121.2	0.73	-0.47	9.30
7,883.0	2.80	198.70	7,877.1	260.3	-230.1	-121.9	1.41	-1.36	6.59
7,927.0	3.10	193.60	7,921.0	262.5	-232.2	-122.6	0.91	0.68	-11.59
7,970.0	3.40	191.80	7,963.9	264.9	-234.6	-123.1	0.74	0.70	-4.19
8,012.0	3.50	191.30	8,005.9	267.3	-237.1	-123.6	0.25	0.24	-1.19
8,056.0	3.70	187.40	8,049.8	269.9	-239.8	-124.0	0.72	0.45	-8.86
8,100.0	3.80	186.80	8,093.7	272.7	-242.7	-124.4	0.24	0.23	-1.36
8,143.0	3.50	184.80	8,136.6	275.2	-245.4	-124.7	0.76	-0.70	-4.65
8,186.0	3.50	189.20	8,179.5	277.7	-248.0	-125.0	0.62	0.00	10.23
8,229.0	3.60	183.60	8,222.4	280.2	-250.6	-125.3	0.84	0.23	-13.02
8,283.0	3.72	176.60	8,276.3	283.3	-254.1	-125.3	0.86	0.22	-12.96

Checked By: _____ Approved By: _____ Date: _____

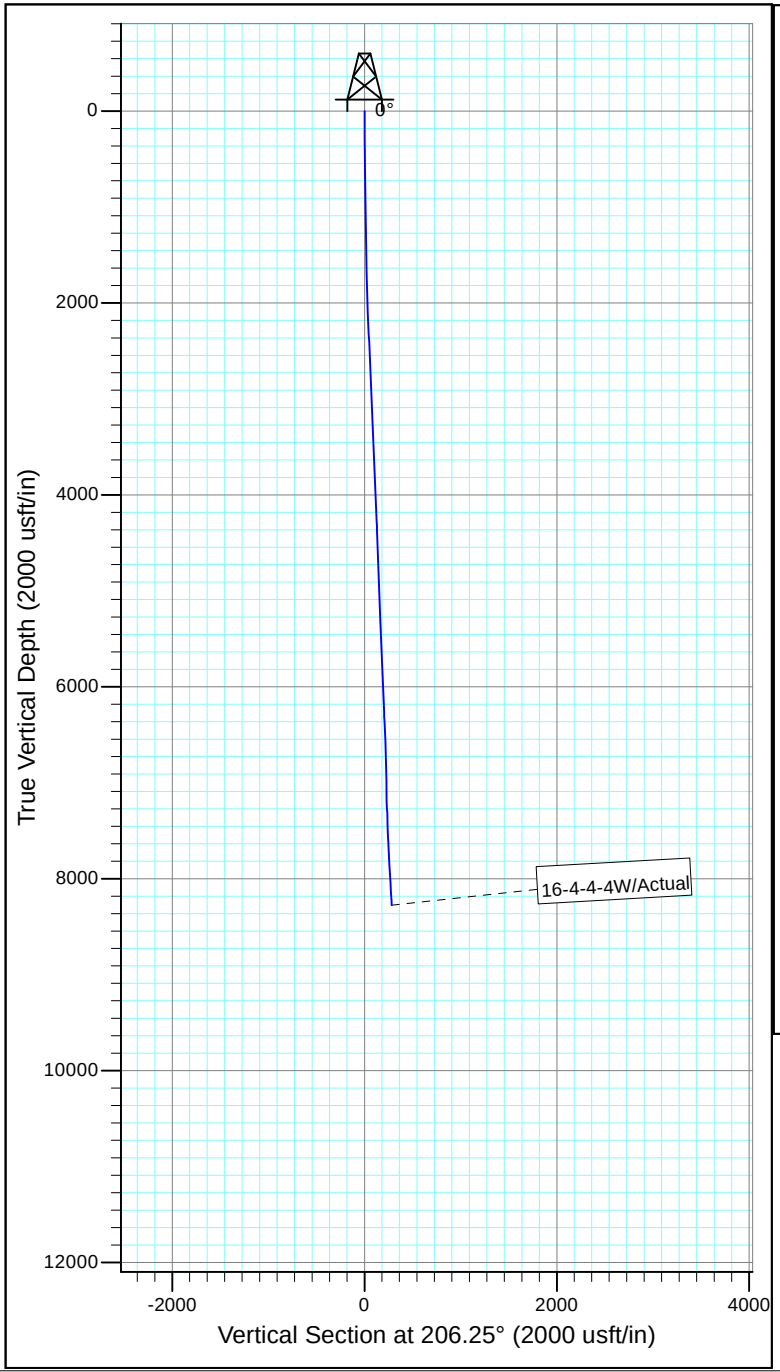
NEWFIELD

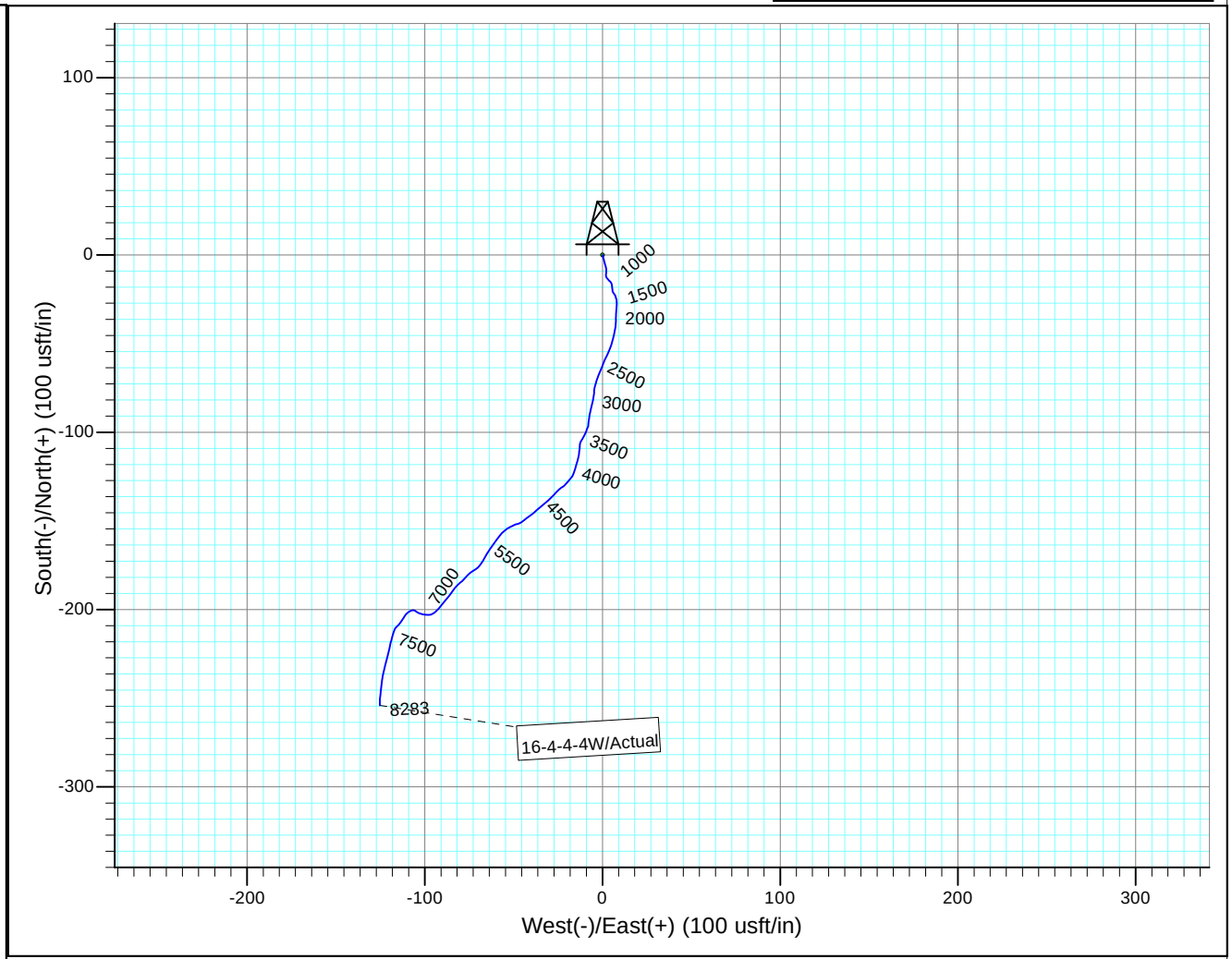
Project: USGS Myton SW (UT)
Site: SECTION 4 T4S, R4W
Well: 16-4-4-4W
Wellbore: Wellbore #1
Design: Actual

T M

Azimuths to True North
Magnetic North: 11.14°

Magnetic Field
Strength: 52062.8snT
Dip Angle: 65.78°
Date: 10/10/2013
Model: IGRF2010





PAYZONE DIRECTIONAL

Design: Actual (16-4-4-4W/Wellbore #1)

Created By: Matthew Linton Date: 12:02, October 22 20

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA

RECEIVED: Dec. 17, 2013

NEWFIELD

Summary Rig Activity

Well Name: Ute Tribal 16-4-4-4W

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
11/18/2013	11/19/2013	NU BOPs & pressure test. Ran CBL & shot 1st stage.

Start Time	End Time	Comment
07:00	10:00	NU Cameron wellhead isolation sleeve, FMC 7-1/16 10K frac valve & Weatherford 10K blind rams.
10:00	12:30	Pressure test csg to 6200 psi for 30 min. Pressure test well control stack to 10K.
12:30	17:30	Ran CBL from 8180' to surface under 0 psi. TOC @ 610'
17:30	20:00	Perforate 1 st stage
20:00	00:00	SDFN

Report Start Date	Report End Date	24hr Activity Summary
11/19/2013	11/20/2013	Frac 4 stgs and flow back well

Start Time	End Time	Comment
00:00	03:00	SDFN
03:00	06:30	MIRU frac equipment
06:30	07:00	Safety meeting w/ frac crew & WL crew
07:00	08:00	Frac stg 1, Wasatch w/ 9,600#s 100 mesh, 75,800#s 20/40 white sand & 9,600#s 20/40 CRC sand in 2569 total bbls fluid. Open pressure 52 psi. Broke @ 4322 psi w/ 3..8 bbls @ 5.7 bpm. ISDP 3162 psi, FG:.83, 1 min SIP 2762 psi, 4 min SIP 2941 psi. Avg rate 59.7 BPM, avg pressure 4154 psi, max rate 60.3 bpm, Max pressure 4595 psi. ISIP 2941 psi, FG.80, 5 min SIP 2790 psi, 10 min SIP 2746 psi, 15 min SIP 2722 psi.
08:00	09:30	Set CFBP & perf stage2
09:30	12:30	Frac stg 2, Wasatch w/ 5,000#s 100 mesh, 40,000#s 20/40 white sand & 5,000#s 20/40 CRC sand in 2369 total bbls fluid. Open pressure 2566 psi. Broke @ 2779 psi w/ 1 bbls @ 6 bpm. Avg rate 24.4 BPM, avg pressure 5068 psi, max rate 24.6 bpm, Max pressure 5236 psi. ISIP 3007 psi, FG.82, 5 min SIP 2699 psi, 10 min SIP 2655 psi, 15 min SIP 2630 psi.
12:30	13:45	Set CFBP & perf stage3
13:45	14:30	Frac stg 3, CP lime w/ 7,220#s 100 mesh, 42,200#s 20/40 white sand in 2369 total bbls fluid. Open pressure 2594 psi. Broke @ 5913 psi w/ 4.4 bbls @ 4.7 bpm. Avg rate 59.3 BPM, avg pressure 4204 psi, max rate 59.9 bpm, Max pressure 5567 psi. ISIP 2073 psi, FG.71, 5 min SIP 1948 psi, 10 min SIP 1910 psi, 15 min SIP 1896 psi.
14:30	15:30	Set CFBP & perf stage4
15:30	17:30	Wait on water. Used more for stage 2 than foreseen
17:30	18:30	Frac stg 4, Bar F w/ 90,440#s 20/40 white sand & 15,460#s 20/40 CRC sand in 1728 total bbls fluid. Open pressure 1733 psi. Broke @ 2093 psi w/ 2.9 bbls @ 5.8 bpm. Avg rate 53.9 BPM, avg pressure 3244 psi, max rate 54.7 bpm, Max pressure 3697 psi. ISIP 2207 psi, FG.73, 5 min SIP 2066 psi, 10 min SIP 2031 psi, 15 min SIP 2009 psi.
18:30	00:00	Flow well @ 50 bbls per hour to flowback tank.

NEWFIELD

Summary Rig Activity

Well Name: Ute Tribal 16-4-4-4W

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
11/20/2013	11/24/2013	Flow back well @ approx 50 BPH. Recovered 5986 bbls fluid. Ended with 250 psi & approx 20% oil cut. Set kill plugs & bleed off pressure. MIRUSU. NU 5K well control stack.

Start Time	End Time	Comment
00:00	07:00	Flow back well @ approx 50 BPH. Recovered 5986 bbls fluid. Ended with 250 psi & approx 20% oil cut.
07:00	08:00	Pump 40 Bbls H2O down csg @ 250°. Pressure ended @ 800 psi.
08:00	12:00	MIRU WLT & crane. RIH w/ solid kill plug & set plug @ 7200'. POOH w/ WL. MU & RIH w/ solid kill plug & set plug @ 7190'. POOH w/ WL. Bleed pressure off well.
12:00	14:00	ND 10K blind rams, frac valve & wellhead isolation tool. NU 5K blind rams & double pipe rams.
14:00	15:00	MIRUSU.
15:00	19:00	Pressure test each component of the well control stack w/ low test of 250-300 psi for 5 min & high test of 5000 psi for 10 min.
19:00	00:00	SWIFN

Report Start Date	Report End Date	24hr Activity Summary
11/24/2013	11/25/2013	PU tbg & drill out plugs

Start Time	End Time	Comment
00:00	06:00	SDFN
06:00	07:00	Crew travel
07:00	11:00	ck pres 140 PSI both TBG & CSG bleed off pres. Make up BHA w/ new 4 3/4 chomp bit pump off bit sub 1-jt 2-7/8" L-80 6.5# 8rd EUE tbg, 2 7/8 X-nipple Start PU TBG 223 jnt 2 7/8 L-80 TBG
11:00	11:30	rig up RBS Swivel and rig pump lines fill the hole w/ 15 bbl
11:30	16:00	Start drilling 1st kill Plug @7190'. Drill out plug in 22 min. Circ bottoms up. Cont pu pipe tag 3rd plug@ 7400 jnt #229. Drilled through 33 min cont PU pipe tag 4th plug @ 7660' jnt #237 drilled through 24 min cont PU pipe tag 5th plug@ 7880' jt 244 drilled through16 mins
16:00	18:00	Continue PU tbg & tag fill @ 7980'. Clean out to PBTD @ 8213'. Circulate well clean w/ 220 bbls water.
18:00	19:00	Hang back swivel TOOH w/ 10jts. Eot @ 7885'. SWIFN. Drain pump & pump lines.
19:00	00:00	SDFN

Report Start Date	Report End Date	24hr Activity Summary
11/25/2013	11/26/2013	Circulate well attempting to kill. Wait for brine water. Circualte well with brine and kill well. Round trip tbg.

Start Time	End Time	Comment
00:00	06:00	SDFN
06:00	07:00	Crew travel & JSA
07:00	14:30	CK PRESS CSG 800 TBG 450 PSI, Pump 40 BBLS H2O down TBG, TIH W/ 10 JTS 2 7/8" TBG, CIRC 220 BBLS Fresh H2O down TBG, Well would not die,wait on brine H20. CIRC well clean W/ 200 BBLS Brine H2O

NEWFIELD

Summary Rig Activity

Well Name: Ute Tribal 16-4-4-4W

Start Time	End Time	Comment
14:30	16:30	LD 32 JTS 2 7/8 TBG, TOOH W/ 222 JTS LD 4 3/4 Chomp bit & X-Nipple
16:30	18:00	PU & TIH W/ 5 1/2 Arrow set-1 PKR 6' N-80 SUB Jet lift 6' N-80 SUB & 222 JTS 2 7/8 TBG
18:00	19:00	Crew travel
19:00	00:00	SDFN

Report Start Date	Report End Date	24hr Activity Summary
11/26/2013	11/27/2013	ND BOPs. NU wellhead. Attempt pressure testing tbg.

Start Time	End Time	Comment
00:00	06:00	
06:00	07:00	
07:00	09:00	CK PRESS CSG 550 TBG 350, CIRC well clean W/ 200 BBLS brine H2O
09:00	11:00	Land TBG W/ hanger, RD floor & TBG works, ND drill out stack set 5 1/2 Arrow set-1 PKR W/ 15000# Tension @ 7213' EOT @ 7217' Land TBG W/ Hanger NU well head
11:00	19:00	Attempt Circ SV To jet lift sub, would not go, wait on hot oiler push sv W/ Sandline would not test, RET SV CIRC new sv to jet lift sub still would not test, RET SV Flush tbg W/ 45 BBLS H2O try pushing SV to jet lift sub stacked out @ 4700' POOH W/ sandline, wrap well head W/ tarp and heater hose
19:00	20:00	Crew travel
20:00	00:00	SDFN