

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 State 3-36-9-16H				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT 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) ML-50081			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		297 FNL 2116 FWL		NENW	36	9.0 S	16.0 E	S		
Top of Uppermost Producing Zone		297 FNL 2116 FWL		NENW	36	9.0 S	16.0 E	S		
At Total Depth		500 FSL 500 FWL		SWSW	36	9.0 S	16.0 E	S		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 500			23. NUMBER OF ACRES IN DRILLING UNIT 320				
27. ELEVATION - GROUND LEVEL 5791			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1320			26. PROPOSED DEPTH MD: 5354 TVD: 5354				
			28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 1000	24.0	J-55 ST&C	8.3	Class G	406	1.17	15.8
Prod	7.875	5.5	0 - 10118	17.0	N-80 LT&C	8.5	Premium Lite High Strength	233	3.26	15.8
							50/50 Poz	203	1.24	14.3
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Mandie Crozier			TITLE Regulatory Tech			PHONE 435 646-4825				
SIGNATURE			DATE 03/28/2011			EMAIL mcrozier@newfield.com				
API NUMBER ASSIGNED 43013506590000			APPROVAL			 Permit Manager				

**NEWFIELD PRODUCTION COMPANY
STATE 3-36-9-16H
SHL: NE/NW SECTION 36, T9S, R16E
BHL: SW/SW SECTION 36, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

This well is designed as a horizontal in the Basal Carbonate formation, at the base of the Green River formation. A pilot hole will be drilled vertically through the Basal Carbonate formation. A wireline log will be run to determine the exact location of the target. The well will then be plugged back with cement, and a directional assembly will be used to kick off the well at approximately 5,071'. Directional tools will then be used to build to 92.6° inclination and the well will be landed in the Basal Carbonate formation. The lateral will be drilled to the proposed bottomhole location, and 5-1/2" production casing will be run to TD. An open hole packer system and sliding sleeves will be used to isolate separate frac stages in the lateral. The casing will be cemented from the top of the curve to surface with a port collar.

1. GEOLOGIC SURFACE FORMATION:

Uinta formation

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Green River	1,880'
Target (Basal Carbonate)	5,354'
Pilot Hole TD	5,750' TVD
Lateral TD	5,354' TVD / 10,118' MD

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

Green River Formation (Oil) 3,805' – 5,354' TVD

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 300'. 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**

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Design Factors		
	Top	Bottom							Burst	Col	Tens
Surface 8-5/8"	0'	1,000'	24.0	J-55	STC	8.33	8.33	12.0	5.12	4.11	10.17
Production 5-1/2"	0'	10,118'	17.0	N-80	LTC	8.3	8.5	--	4.34	3.43	2.47

Assumptions:

- 1) Surface casing MASP = (frac gradient + 1.0 ppg) – gas gradient
- 2) Production casing MASP (production mode) = reservoir pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing
- 4) Surface tension calculations assume air weight of casing
- 5) Production tension calculations assume air weight in vertical portion of hole, plus 50,000 lbs overpull

All casing shall be new.

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

b. **Cement Design**

Job	Hole Size	Fill	Slurry Description	ft ³	OH Excess	Weight (ppg)	Yield (ft ³ /sk)
				Sacks			
Surface	12-1/4"	1,000'	Class G w/ 2% CaCl ₂ , 0.25 lbs/sk Cello Flake	475	15%	15.8	1.17
				406			
Kick-Off Plug	7-7/8"	750'	Class G	291	15%	17.2	0.96
				304			
Production Lead	7-7/8"	3,805'	Premium Lite II w/ 3% KCl, 10% bentonite	758	15%	15.8	3.26
				233			
Production Tail	7-7/8"	1,266'	50/50 Poz/Class G w/ 3% KCl, 2% bentonite	252	15%	14.3	1.24
				203			

Actual cement volumes will be calculated from open hole logs, plus 15% excess.

Production casing cement will be pumped through a port cementing collar located at the top of the curve. The lateral will be left uncemented. The lateral will be isolated with open hole packers.

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The State of Utah DOGM shall be notified, with sufficient lead time, in order to have a State representative on location while running all casing strings and cementing.

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.

The minimum diameter for conductor pipe shall be 13 3/8". The conductor pipe will be cemented back to surface or removed.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A "Sundry Notices and Reports on Wells" shall be filed with the State of Utah DOGM within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

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

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.

A 2000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) and a rotating head per Exhibit C. This system will be in accordance to the specifications listed in the Standard Operating Procedures for the Greater Monument Butte Green River Development Program.

Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Driller's report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM representatives upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2 regarding air or gas shall be adhered to. If a mist system is being utilized, the requirement for a deduster shall be waived.

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

From surface to 1000', an air system will be used. From 1000' to TD, a fresh water or brine water system will be utilized. Anticipated maximum mud weight is 9.0 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 State 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.

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

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

a. **Logging Program:**

(the log types run may change at the discretion of the geologist)

FDC/CNL/GR/DIL: TD - 3,200'

CBL: A cement bond log will be run from KOP to the cement top of the production casing.

A field copy will be submitted to the Vernal BLM Office.

b. **Cores:** As deemed necessary.

c. **Drill Stem Tests:** No DSTs are planned in the Green River.

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

There is no abnormal pressure or temperature expected. Maximum anticipated bottomhole pressure will be approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

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

a. Drilling Activity

Anticipated Commencement Date:	Upon approval of the site specific APD.
Drilling Days:	Approximately 10 days.
Completion Days:	Approximately 12 - 20 days.

b. Notification of Operations

The State of Utah DOGM will be notified at least 24 hours **prior** to the commencement of spudding the well (to be followed with a Sundry Notice), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (7:45 a.m.-4:30 p.m., Monday - Friday except holidays).

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the appropriate regulations, Onshore Orders, or State policy.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given to the State before resumption of operations.

Daily drilling and completion reports shall be submitted to the State of Utah DOGM on a weekly basis.

Whether the well is completed as a dry hole or a producer, the "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

A completion rig will be used for completion operations after the wells are stimulated to run the production tubing. All conditions of this approved plan will be applicable during all operations conducted with the completion rig.

Operator shall report production data to the MMS pursuant to 30 CFR 216.5 using form MMS/3160. In accordance with Onshore Oil and Gas Order No. 1, a well will be reported on form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the State of Utah DOGM Office.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the AO, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the AO.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the AO and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram, as required by 43 CFR 3162.7-5(b.9.d), shall be submitted to the Vernal BLM Office within 60 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 43 CFR 3162.7-5(b.4).

Well abandonment operations shall not be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment", will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the surface restoration. Final Abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO, or the appropriate surface managing agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

T9S, R16E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

N89°52'W - 80.14 (G.L.O.)
 S89°12'17"W - 5286.66' (Meas.)

WELL LOCATION, 3-36-9-16H,
 LOCATED AS SHOWN IN THE NE 1/4
 NW 1/4 OF SECTION 36, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.

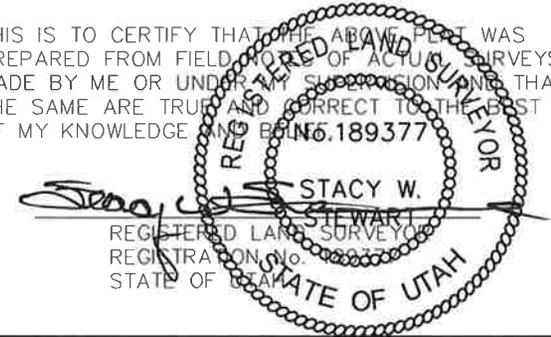
TARGET BOTTOM HOLE, 3-36-9-16H,
 LOCATED AS SHOWN IN THE SW 1/4
 SW 1/4 OF SECTION 36, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

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

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

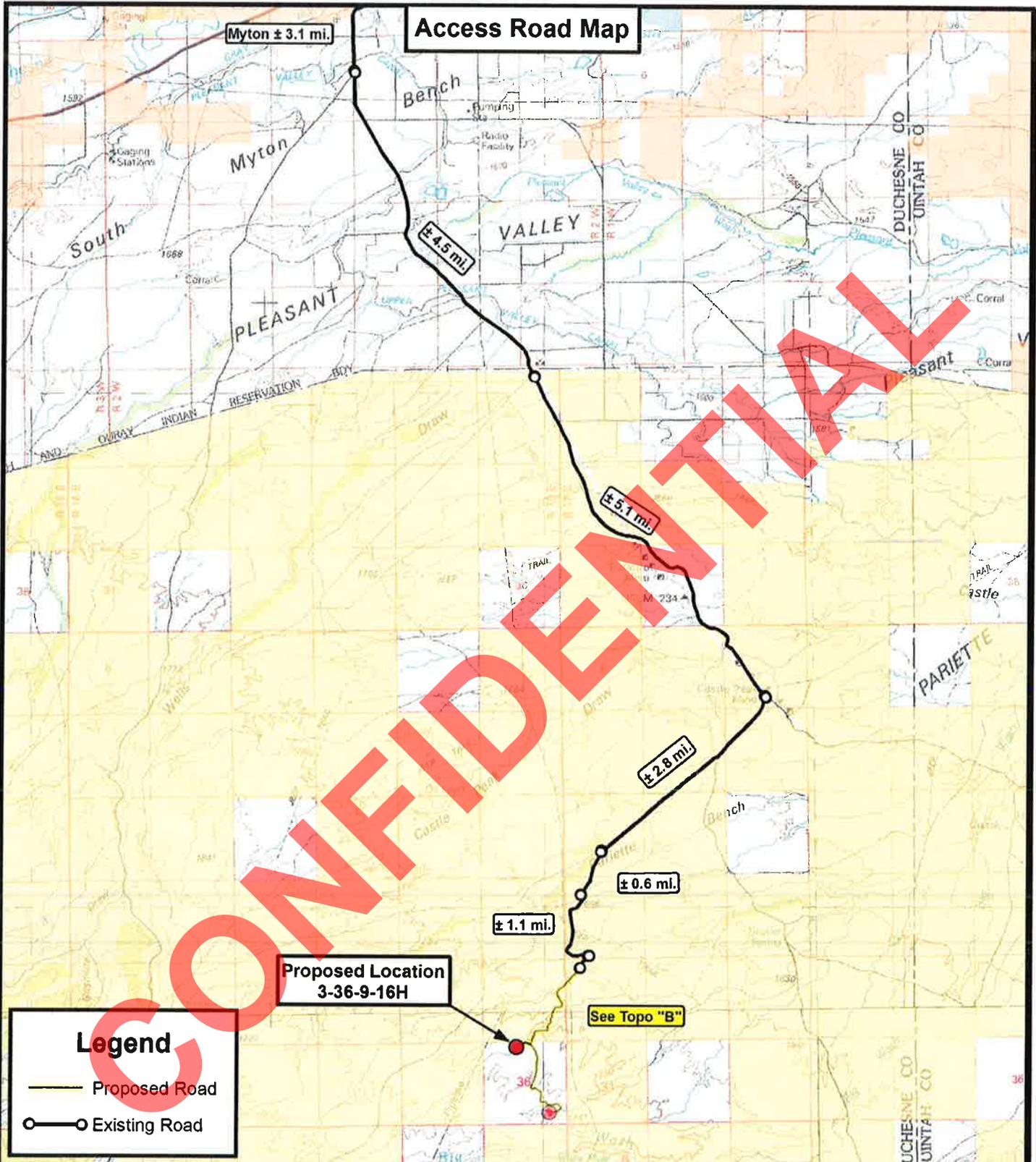


◆ = SECTION CORNERS LOCATED

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'

3-36-9-16H
 (Surface Location) NAD 83
 LATITUDE = 39° 59' 37.64"
 LONGITUDE = 110° 04' 10.74"

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 12-03-10	SURVEYED BY: S.V.
DATE DRAWN: 01-11-10	DRAWN BY: F.T.M.
REVISED: 01-31-11 F.T.M.	SCALE: 1" = 1000'



Legend

- Proposed Road
- Existing Road

Proposed Location
3-36-9-16H

See Topo "B"

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

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

DRAWN BY:	J.A.S.	REVISED:	01-31-2011
DATE:	01-25-2011		
SCALE:	1:100,000		

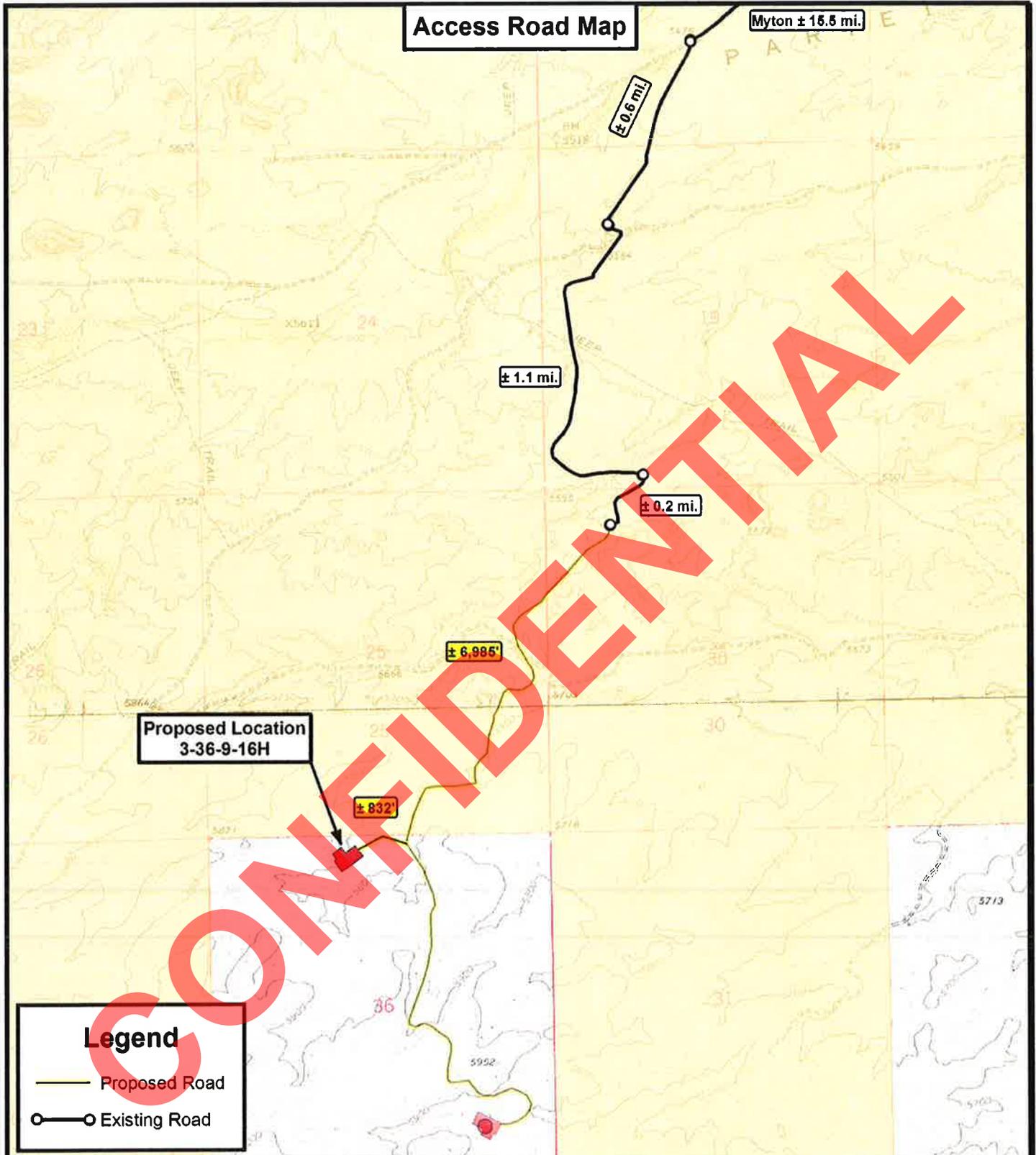


NEWFIELD EXPLORATION COMPANY

3-36-9-16H
SEC. 36, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

TOPOGRAPHIC MAP

SHEET **A**



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

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



NEWFIELD EXPLORATION COMPANY

3-36-9-16H
SEC. 36, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	J.A.S.	REVISED:	01-31-2011
DATE:	01-25-2011		
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map

**Proposed Location
3-36-9-16H**

$\pm 864'$
 $\pm 889'$

Tie in at Proposed
Flowline

Tie in at Proposed
Waterline

Legend

-  Proposed Waterline
-  Proposed Flowline
-  Existing Road

CONFIDENTIAL



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

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NEWFIELD EXPLORATION COMPANY

3-36-9-16H
SEC. 36, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	J.A.S.	REVISED:	01-31-2011
DATE:	01-25-2011		
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
C

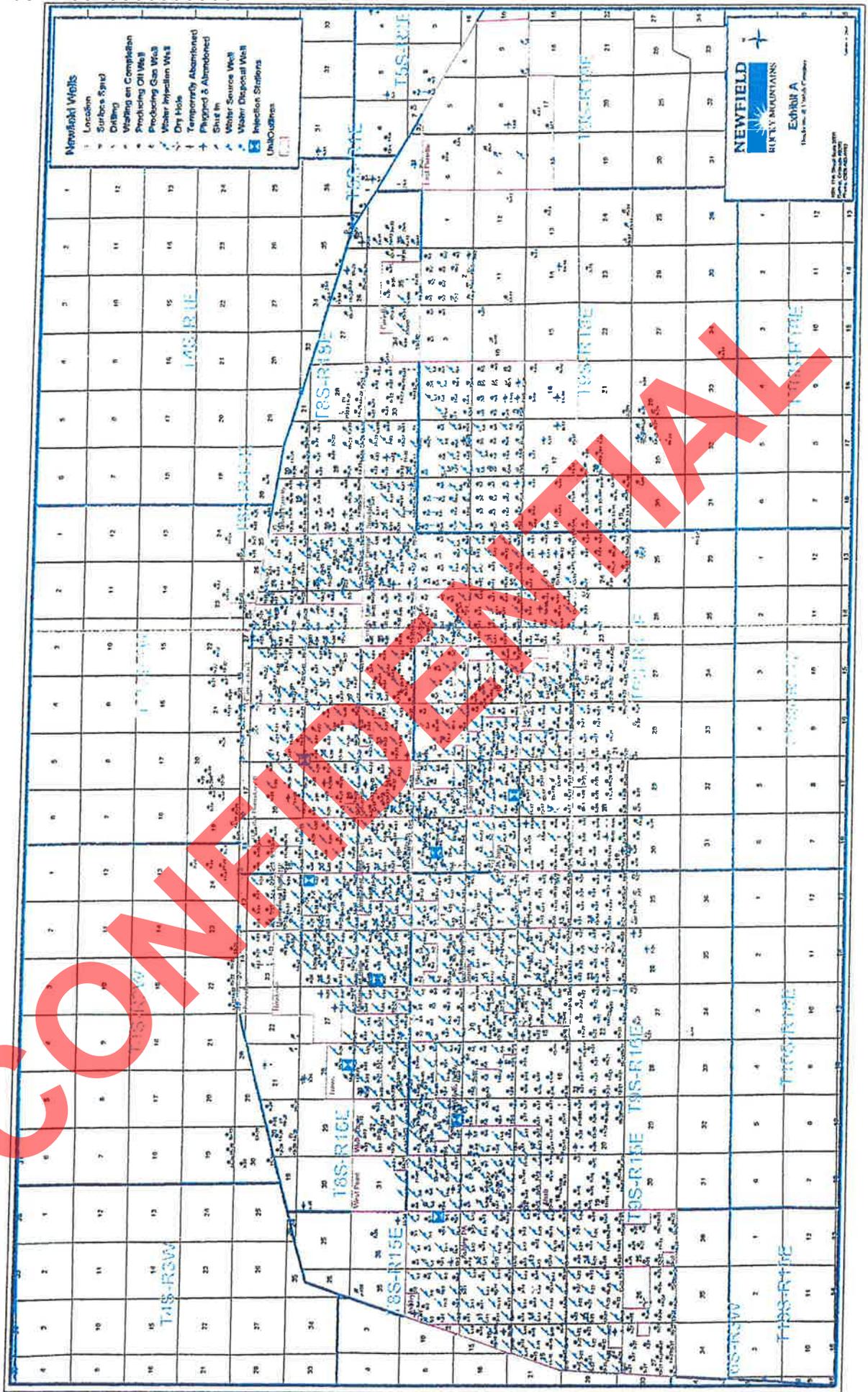
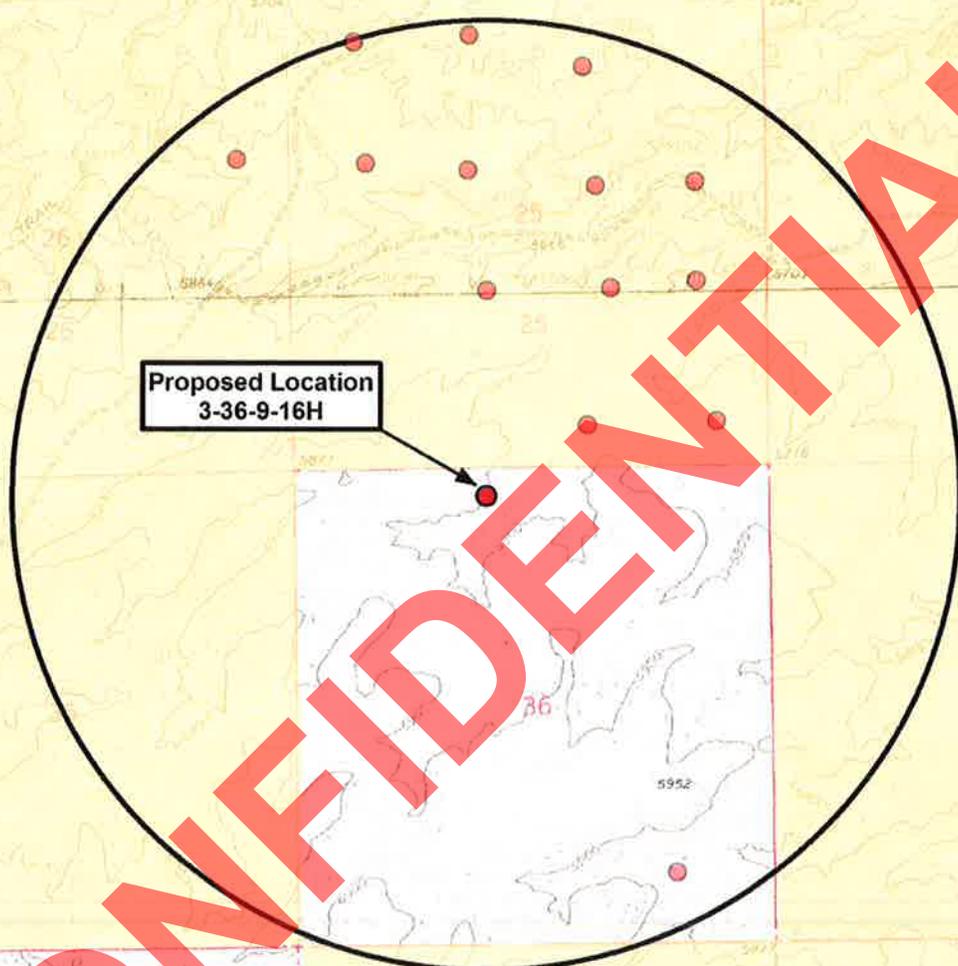


Exhibit "B" Map



Proposed Location
3-36-9-16H

Legend

-  1 Mile Radius
-  Proposed Surface Location

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

P: (435) 781-2501
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NEWFIELD EXPLORATION COMPANY

3-36-9-16H
SEC. 36, T9S, R16E, S.L.B.&M.
Duchesne County, UT.

TOPOGRAPHIC MAP

SHEET
D

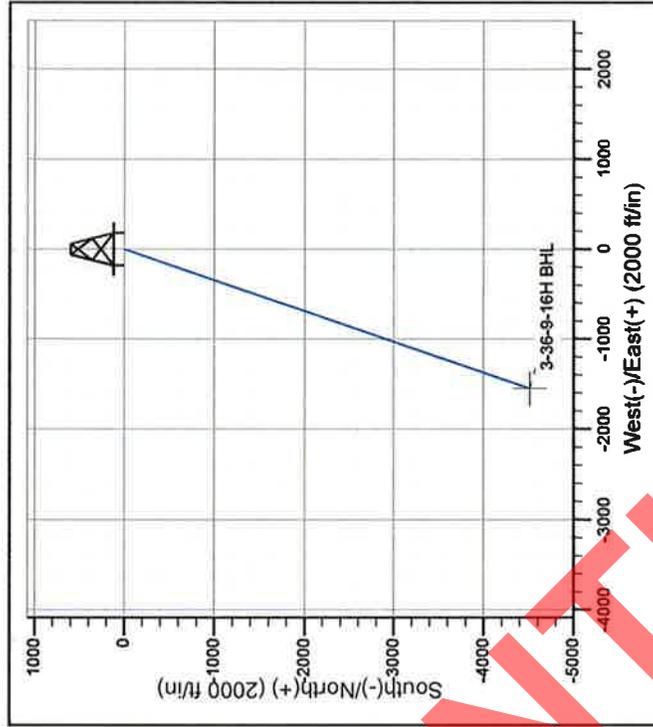
DRAWN BY:	J.A.S.	REVISED:	01-31-2011
DATE:	01-25-2011		
SCALE:	1" = 2,000'		



Newfield Production Company

T M
 Azimuths to True North
 Magnetic North: 11.48°
 Magnetic Field
 Strength: 52414.6snT
 Dip Angle: 65.80°
 Date: 12/31/2009
 Model: IGRF200510

Project: Monument Butte
Site: 3-36-9-16H
Well: 3-36-9-16H
Wellbore: Wellbore #1
Design: Design #1



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	0.0
2	5071.0	0.00	0.00	5071.0	0.0	0.0	0.00	0.00	0.0	0.0
3	5842.6	92.60	198.98	5547.9	-472.0	-162.3	12.00	198.98	499.1	
4	10117.8	92.60	198.98	5354.0	-4510.7	-1551.2	0.00	0.00	4789.9	3-36-9-16H BHL

PROJECT DETAILS: Monument Butte
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone
 System Datum: Mean Sea Level

Created by: Hans Wychgram
 Date: 2-8-11

Newfield Production Company

Monument Butte

3-36-9-16H

3-36-9-16H

Wellbore #1

Plan: Design #1

Standard Planning Report

08 February, 2011

CONFIDENTIAL

Newfield Exploration Planning Report

Database: EDM 2003.21 Single User Db	Local Co-ordinate Reference: Well - 3-36-9-16H
Company: Newfield Production Company	TVD Reference: RKB @ 5803.0ft (Capstar #329)
Project: Monument Butte	MD Reference: RKB @ 5803.0ft (Capstar #329)
Site: 3-36-9-16H	North Reference: True
Well: 3-36-9-16H	Survey Calculation Method: Minimum Curvature
Wellbore: Wellbore #1	
Design: Design #1	

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

Site	GMB 3-36-9-16H		
Site Position:		Northing:	2,185,318.37 m
From:	Lat/Long	Easting:	622,137.07 m
Position Uncertainty:	0.0 ft	Slot Radius:	in
		Latitude:	39° 59' 37.640 N
		Longitude:	110° 4' 10.740 W
		Grid Convergence:	0.92 °

Well	GMB 3-36-9-16H		
Well Position	+N/-S	0.0 ft	Northing: 2,185,318.37 m
	+E/-W	0.0 ft	Easting: 622,137.07 m
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	39° 59' 37.640 N
		Longitude:	110° 4' 10.740 W
		Ground Level:	5,791.0 ft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF200510	12/31/2009	11.48
			Dip Angle (°) 65.80
			Field Strength (nT) 52,415

Design	Design #1		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)
	0.0	0.0	0.0
			Direction (°) 198.98

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,071.0	0.00	0.00	5,071.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,842.6	92.60	198.98	5,547.9	-472.0	-162.3	12.00	12.00	0.00	198.98	
10,117.8	92.60	198.98	5,354.0	-4,510.7	-1,551.2	0.00	0.00	0.00	0.00	3-36-9-16H BHL

Newfield Exploration Planning Report

Database: EDM 2003.21 Single User Db
Company: Newfield Production Company
Project: Monument Butte
Site: 3-36-9-16H
Well: 3-36-9-16H
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well 3-36-9-16H
TVD Reference: RKB @ 5803.0ft (Capstar #329)
MD Reference: RKB @ 5803.0ft (Capstar #329)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,071.0	0.00	0.00	5,071.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	3.48	198.98	5,100.0	-0.8	-0.3	0.9	12.00	12.00	0.00
5,200.0	15.48	198.98	5,198.4	-16.4	-5.6	17.3	12.00	12.00	0.00

Newfield Exploration Planning Report

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TVD Reference: RKB @ 5803.0ft (Capstar #329)
MD Reference: RKB @ 5803.0ft (Capstar #329)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	27.48	198.98	5,291.3	-51.0	-17.5	53.9	12.00	12.00	0.00
5,400.0	39.48	198.98	5,374.6	-103.0	-35.4	109.0	12.00	12.00	0.00
5,500.0	51.48	198.98	5,444.6	-170.3	-58.6	180.1	12.00	12.00	0.00
5,600.0	63.48	198.98	5,498.2	-249.9	-86.0	264.3	12.00	12.00	0.00
5,700.0	75.48	198.98	5,533.2	-338.3	-116.4	357.8	12.00	12.00	0.00
5,800.0	87.48	198.98	5,548.0	-431.7	-148.5	456.5	12.00	12.00	0.00
5,842.6	92.60	198.98	5,547.9	-472.0	-162.3	499.1	12.00	12.00	0.00
5,900.0	92.60	198.98	5,545.3	-526.2	-181.0	556.4	0.00	0.00	0.00
6,000.0	92.60	198.98	5,540.8	-620.7	-213.4	656.3	0.00	0.00	0.00
6,100.0	92.60	198.98	5,536.3	-715.1	-245.9	756.2	0.00	0.00	0.00
6,200.0	92.60	198.98	5,531.7	-809.6	-278.4	856.1	0.00	0.00	0.00
6,300.0	92.60	198.98	5,527.2	-904.1	-310.9	956.0	0.00	0.00	0.00
6,400.0	92.60	198.98	5,522.7	-998.5	-343.4	1,055.9	0.00	0.00	0.00
6,500.0	92.60	198.98	5,518.1	-1,093.0	-375.9	1,155.8	0.00	0.00	0.00
6,600.0	92.60	198.98	5,513.6	-1,187.5	-408.4	1,255.7	0.00	0.00	0.00
6,700.0	92.60	198.98	5,509.0	-1,281.9	-440.8	1,355.6	0.00	0.00	0.00
6,800.0	92.60	198.98	5,504.5	-1,376.4	-473.3	1,455.5	0.00	0.00	0.00
6,900.0	92.60	198.98	5,500.0	-1,470.9	-505.8	1,555.4	0.00	0.00	0.00
7,000.0	92.60	198.98	5,495.4	-1,565.3	-538.3	1,655.3	0.00	0.00	0.00
7,100.0	92.60	198.98	5,490.9	-1,659.8	-570.8	1,755.2	0.00	0.00	0.00
7,200.0	92.60	198.98	5,486.4	-1,754.3	-603.3	1,855.1	0.00	0.00	0.00
7,300.0	92.60	198.98	5,481.8	-1,848.7	-635.8	1,955.0	0.00	0.00	0.00
7,400.0	92.60	198.98	5,477.3	-1,943.2	-668.2	2,054.9	0.00	0.00	0.00
7,500.0	92.60	198.98	5,472.8	-2,037.7	-700.7	2,154.8	0.00	0.00	0.00
7,600.0	92.60	198.98	5,468.2	-2,132.1	-733.2	2,254.7	0.00	0.00	0.00
7,700.0	92.60	198.98	5,463.7	-2,226.6	-765.7	2,354.6	0.00	0.00	0.00
7,800.0	92.60	198.98	5,459.1	-2,321.1	-798.2	2,454.5	0.00	0.00	0.00
7,900.0	92.60	198.98	5,454.6	-2,415.5	-830.7	2,554.4	0.00	0.00	0.00
8,000.0	92.60	198.98	5,450.1	-2,510.0	-863.2	2,654.3	0.00	0.00	0.00
8,100.0	92.60	198.98	5,445.5	-2,604.5	-895.6	2,754.2	0.00	0.00	0.00
8,200.0	92.60	198.98	5,441.0	-2,698.9	-928.1	2,854.1	0.00	0.00	0.00
8,300.0	92.60	198.98	5,436.5	-2,793.4	-960.6	2,954.0	0.00	0.00	0.00
8,400.0	92.60	198.98	5,431.9	-2,887.9	-993.1	3,053.9	0.00	0.00	0.00
8,500.0	92.60	198.98	5,427.4	-2,982.3	-1,025.6	3,153.8	0.00	0.00	0.00
8,600.0	92.60	198.98	5,422.9	-3,076.8	-1,058.1	3,253.7	0.00	0.00	0.00
8,700.0	92.60	198.98	5,418.3	-3,171.3	-1,090.6	3,353.6	0.00	0.00	0.00
8,800.0	92.60	198.98	5,413.8	-3,265.7	-1,123.1	3,453.5	0.00	0.00	0.00
8,900.0	92.60	198.98	5,409.2	-3,360.2	-1,155.5	3,553.3	0.00	0.00	0.00
9,000.0	92.60	198.98	5,404.7	-3,454.7	-1,188.0	3,653.2	0.00	0.00	0.00
9,100.0	92.60	198.98	5,400.2	-3,549.1	-1,220.5	3,753.1	0.00	0.00	0.00
9,200.0	92.60	198.98	5,395.6	-3,643.6	-1,253.0	3,853.0	0.00	0.00	0.00
9,300.0	92.60	198.98	5,391.1	-3,738.1	-1,285.5	3,952.9	0.00	0.00	0.00
9,400.0	92.60	198.98	5,386.6	-3,832.5	-1,318.0	4,052.8	0.00	0.00	0.00
9,500.0	92.60	198.98	5,382.0	-3,927.0	-1,350.5	4,152.7	0.00	0.00	0.00
9,600.0	92.60	198.98	5,377.5	-4,021.5	-1,382.9	4,252.6	0.00	0.00	0.00
9,700.0	92.60	198.98	5,373.0	-4,115.9	-1,415.4	4,352.5	0.00	0.00	0.00
9,800.0	92.60	198.98	5,368.4	-4,210.4	-1,447.9	4,452.4	0.00	0.00	0.00
9,900.0	92.60	198.98	5,363.9	-4,304.9	-1,480.4	4,552.3	0.00	0.00	0.00
10,000.0	92.60	198.98	5,359.3	-4,399.3	-1,512.9	4,652.2	0.00	0.00	0.00
10,100.0	92.60	198.98	5,354.8	-4,493.8	-1,545.4	4,752.1	0.00	0.00	0.00
10,117.8	92.60	198.98	5,354.0	-4,510.7	-1,551.2	4,769.9	0.00	0.00	0.00

3-36-9-16H BHL

Newfield Exploration
Planning Report

Database: EDM 2003.21 Single User Db
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Project: Monument Butte
Site: 3-36-9-16H
Well: 3-36-9-16H
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TVD Reference: RKB @ 5803.0ft (Capstar #329)
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North Reference: True
Survey Calculation Method: Minimum Curvature

CONFIDENTIAL

NEWFIELD PRODUCTION COMPANY
STATE 3-36-9-16H
SHL: NE/NW SECTION 36, T9S, R16E
BHL: SW/SW SECTION 36, T9S, R16E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site State 3-36-9-16H located in the NE¼ NW¼ Section 36, T9S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly - 8.2 miles ± to its junction with an existing road to the southwest; proceed southwesterly - 4.5 miles ± to its junction with an existing road to the southwest; proceed southwesterly - 0.2 miles ± to its junction with the beginning of the proposed access road to the southwest; proceed southwesterly along the proposed access road - 7,817' ± to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

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.

2. PLANNED ACCESS ROAD

Approximately 7,817' of access road is proposed. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' 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 for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 47-1817 (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. A 16 mil liner with felt will be required. Newfield requests approval that a flare pit be constructed and 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.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, 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, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

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.

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:** State of Utah.

12. **OTHER ADDITIONAL INFORMATION:**

Newfield Production Company requests 7,817' of planned access road to be granted. Refer to **Topographic Map "B"**. Newfield Production Company requests 864' 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 3" steel water injection line and a buried 3" poly water return line. The planned access road will consist of a 18' permanent running surface (9' 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 form will be applied for through the State of Utah DOGM 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.

Surface Flow Line

Newfield requests 889' 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 State 3-36-9-16H, 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 State 3-36-9-16H 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 shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE 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 #3-36-9-16H, NE/NW Section 36, T9S, R16E, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #B001834.

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.

3/16/11
Date _____


Mandie Crozier
Regulatory Specialist
Newfield Production Company

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2-M SYSTEM

Blowout Prevention Equipment Systems

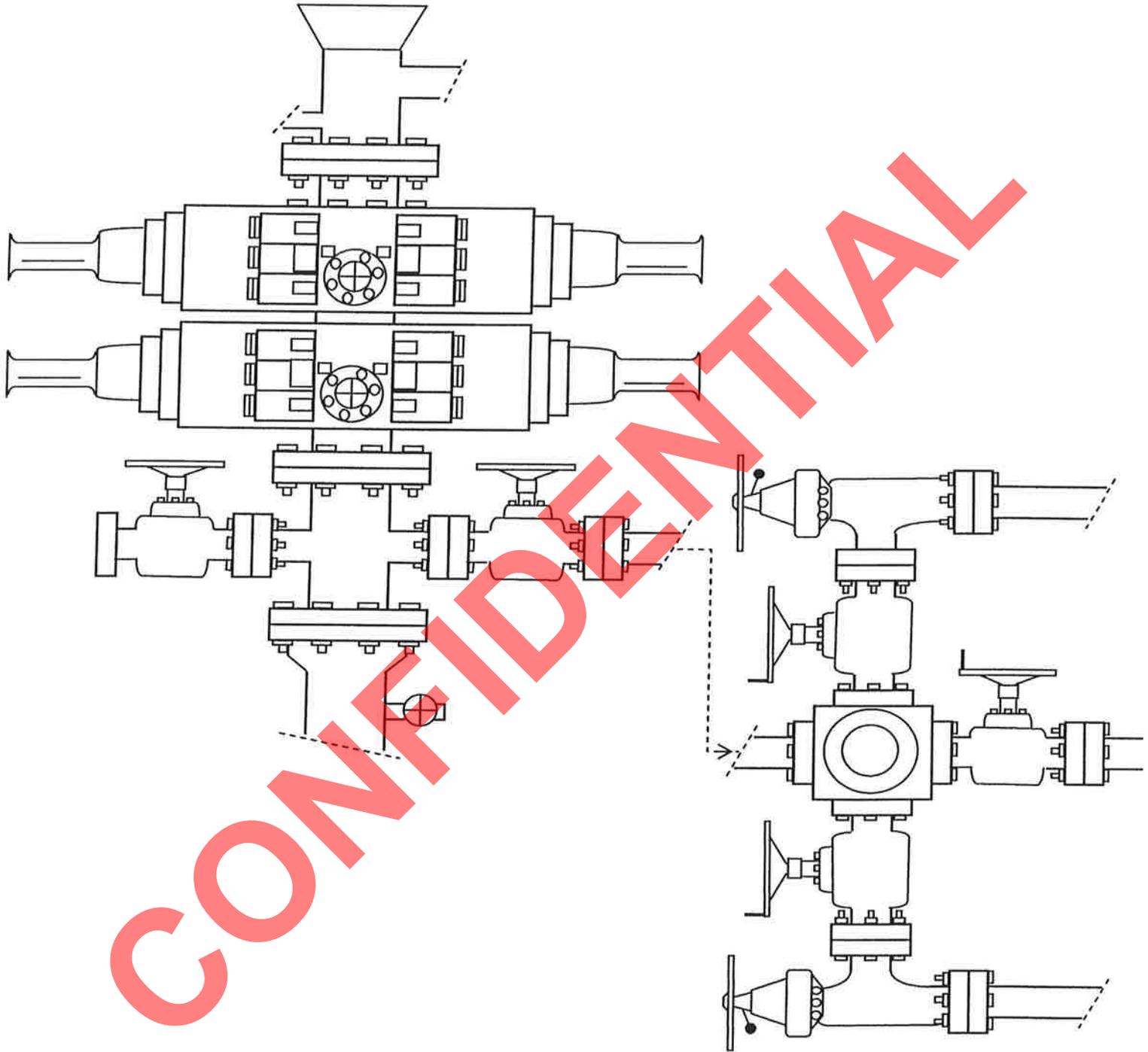
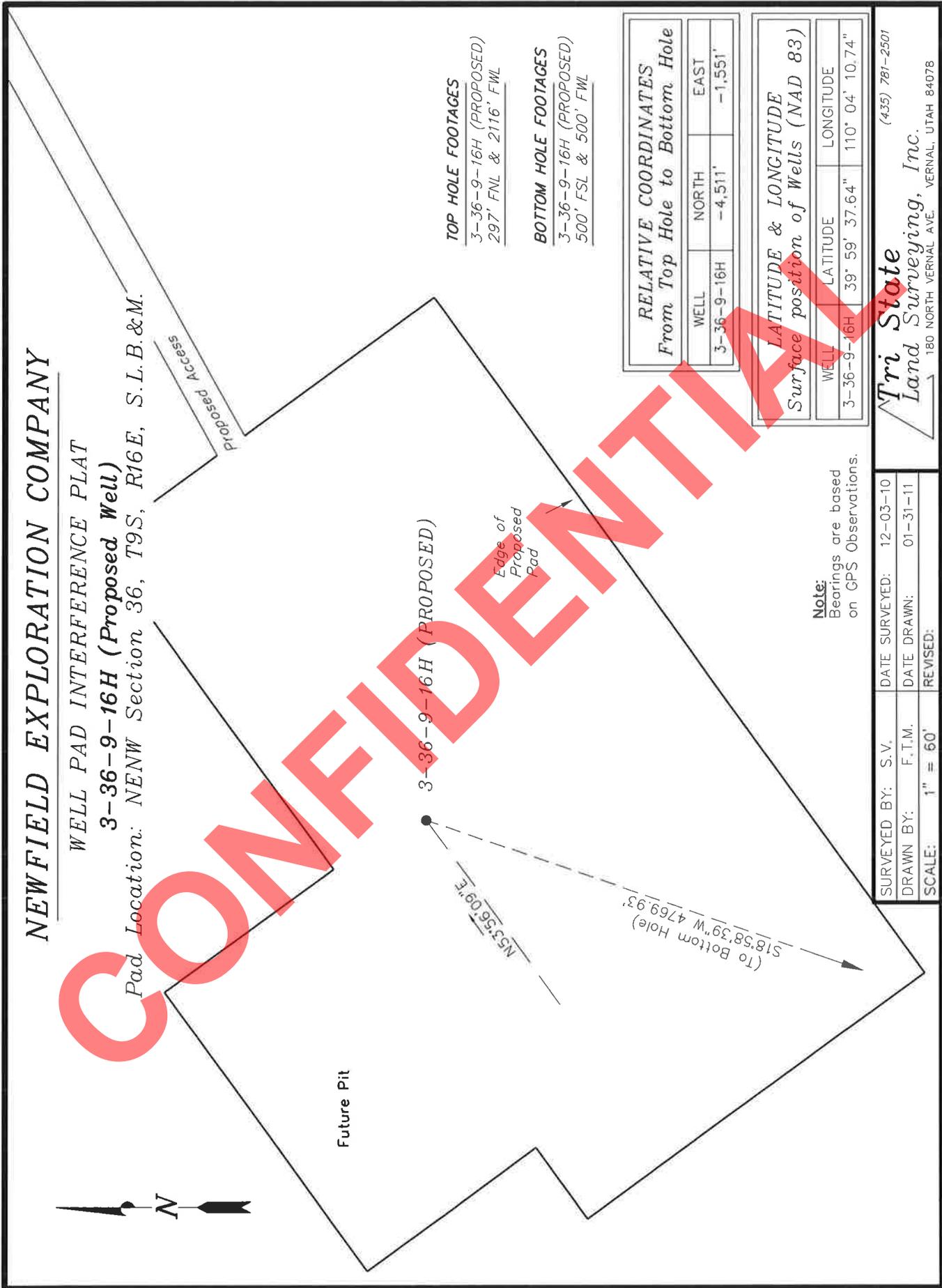


EXHIBIT C



TOP HOLE FOOTAGES
 3-36-9-16H (PROPOSED)
 297' FNL & 2116' FWL

BOTTOM HOLE FOOTAGES
 3-36-9-16H (PROPOSED)
 500' FSL & 500' FWL

RELATIVE COORDINATES
 From Top Hole to Bottom Hole

WELL	NORTH	EAST
3-36-9-16H	-4.511'	-1.551'

LATITUDE & LONGITUDE
 Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
3-36-9-16H	39° 59' 37.64"	110° 04' 10.74"

Note:
 Bearings are based on GPS Observations.

SURVEYED BY: S.V.	DATE SURVEYED: 12-03-10
DRAWN BY: F.T.M.	DATE DRAWN: 01-31-11
SCALE: 1" = 60'	REVISED:

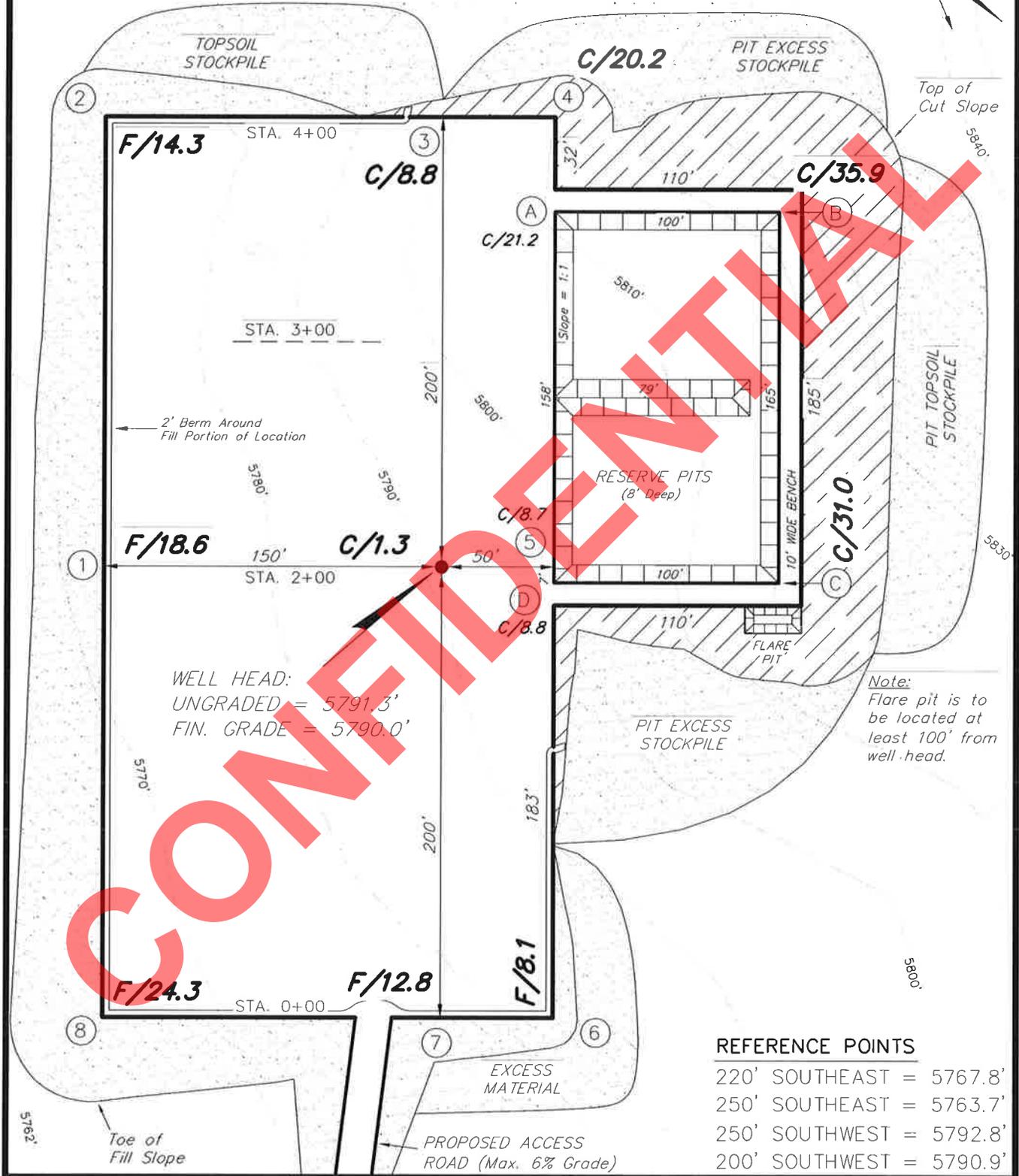
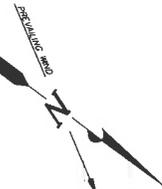
Tri State Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

3-36-9-16H

Pad Location: NENW Section 36, T9S, R16E, S.L.B.&M.



WELL HEAD:
 UNGRADED = 5791.3'
 FIN. GRADE = 5790.0'

Note:
 Flare pit is to be located at least 100' from well head.

REFERENCE POINTS	
220' SOUTHEAST	= 5767.8'
250' SOUTHEAST	= 5763.7'
250' SOUTHWEST	= 5792.8'
200' SOUTHWEST	= 5790.9'

SURVEYED BY: S.V.	DATE SURVEYED: 12-03-10
DRAWN BY: F.T.M.	DATE DRAWN: 01-11-11
SCALE: 1" = 60'	REVISED: F.T.M. 01-31-11

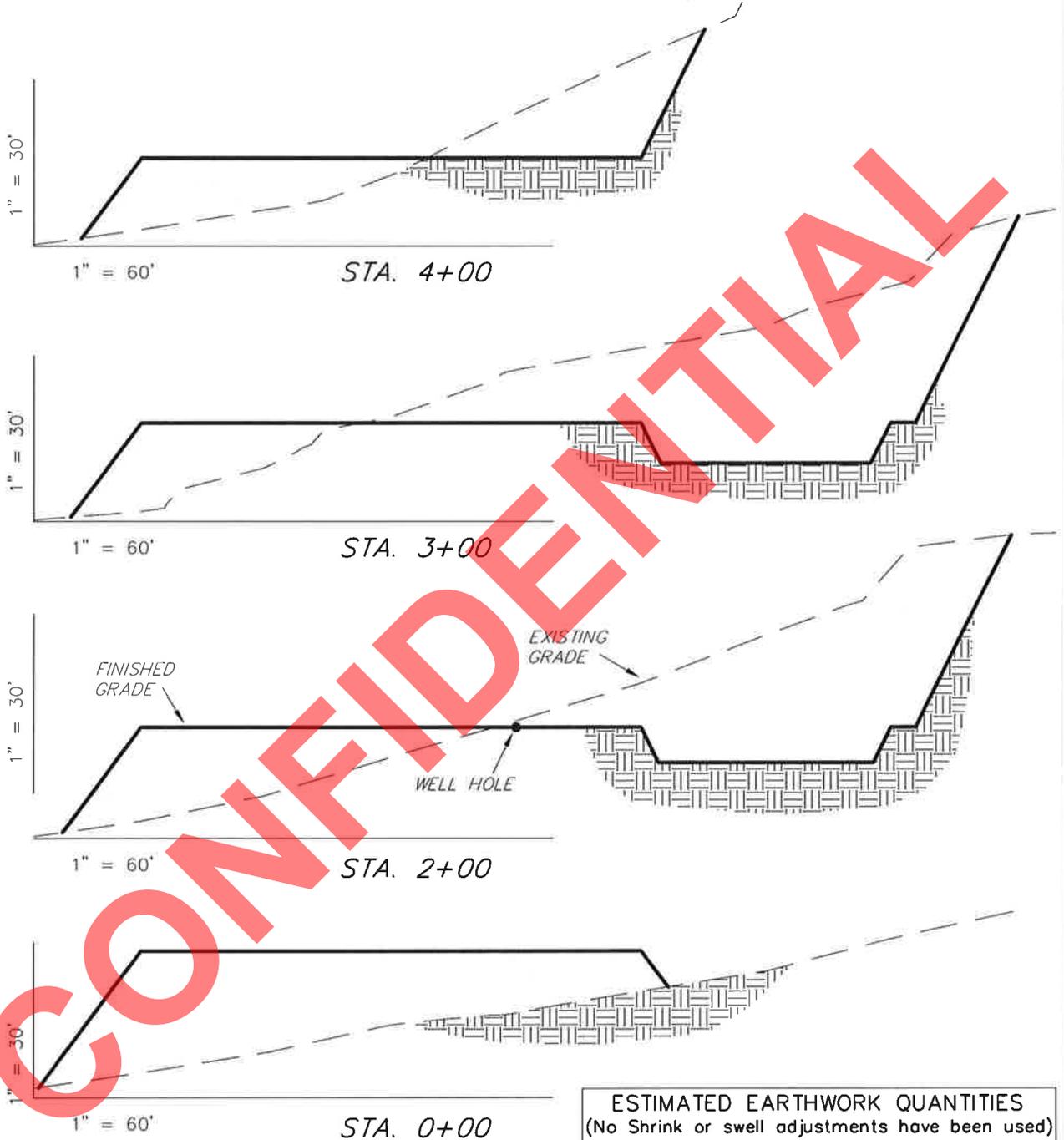
Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501

NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

3-36-9-16H

Pad Location: NENW Section 36, T9S, R16E, S.L.B.&M.



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	31,670	31,670	Topsoil is not included in Pad Cut	0
PIT	4,100	0		4,100
TOTALS	35,770	31,670	2,600	4,100

SURVEYED BY: S.V.	DATE SURVEYED: 12-03-10
DRAWN BY: F.T.M.	DATE DRAWN: 01-11-11
SCALE: 1" = 60'	REVISED: F.T.M. 01-31-11

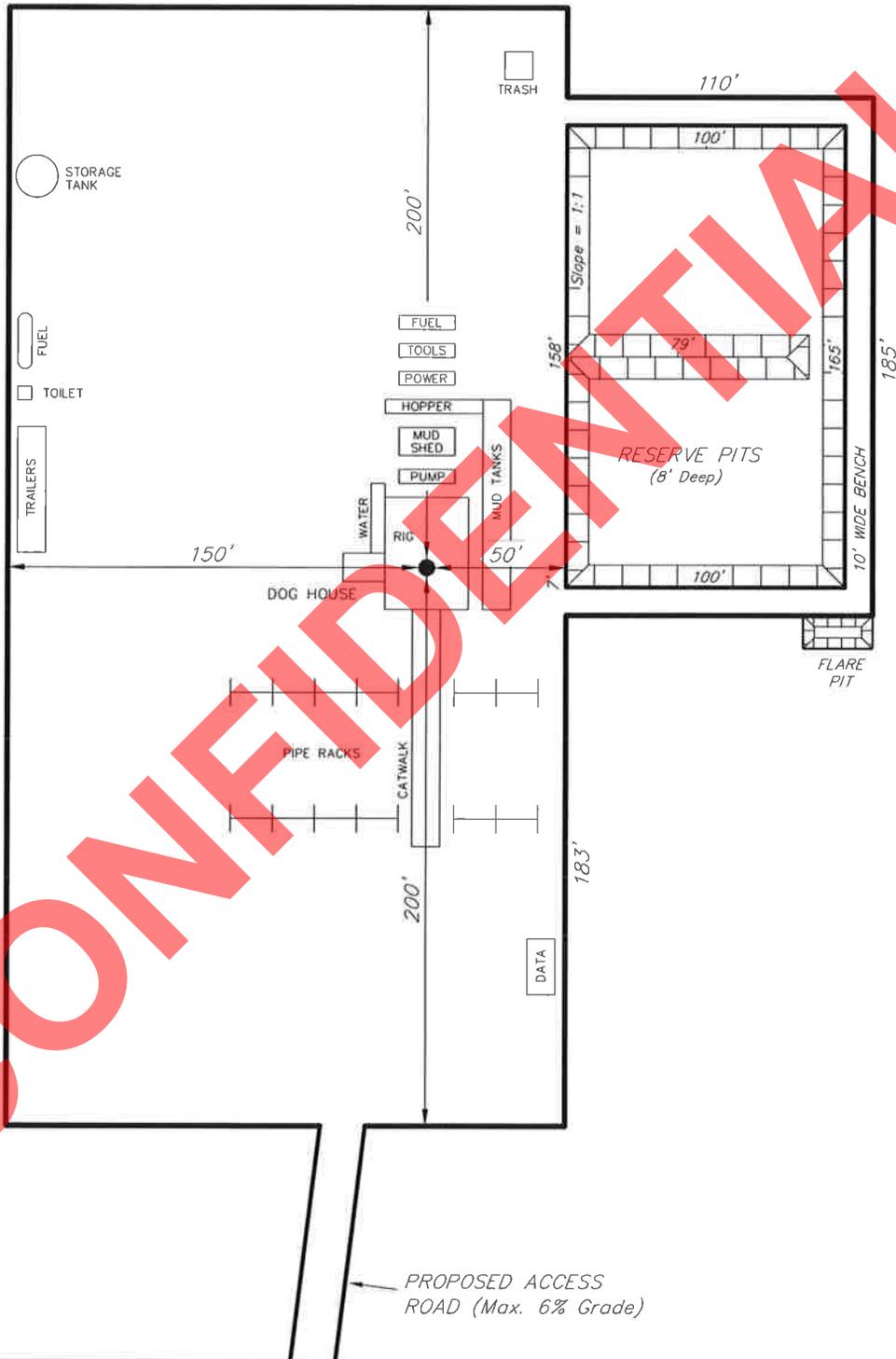
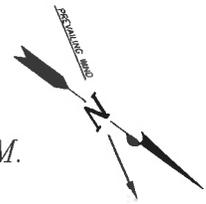
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

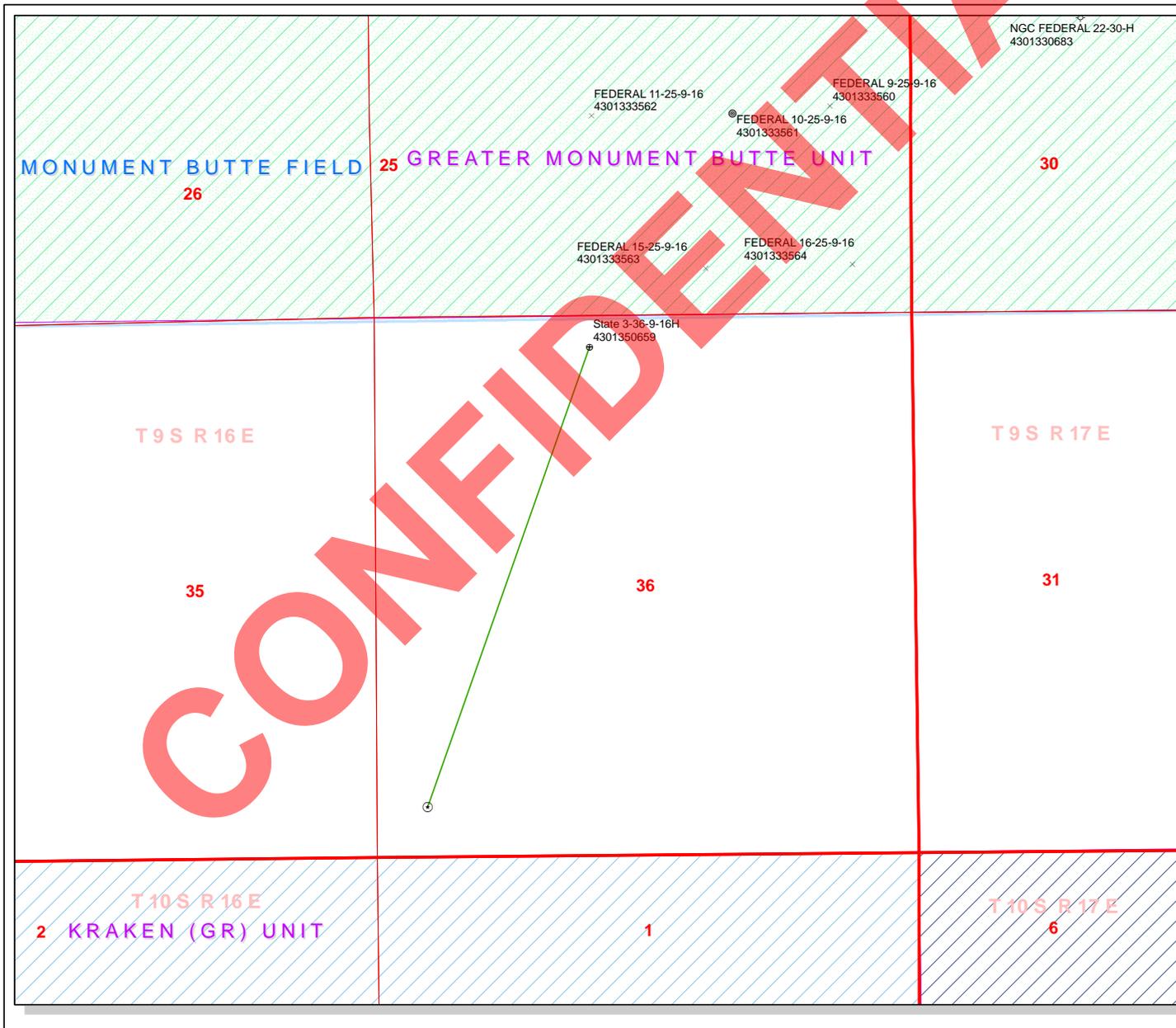
3-36-9-16H

Pad Location: NENW Section 36, T9S, R16E, S.L.B.&M.



SURVEYED BY: S.V.	DATE SURVEYED: 12-03-10
DRAWN BY: F.T.M.	DATE DRAWN: 01-11-11
SCALE: 1" = 60'	REVISED: F.T.M. 01-31-11

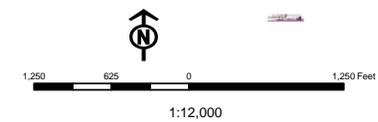
Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078



API Number: 4301350659
Well Name: State 3-36-9-16H
Township T0.9 . Range R1.6 . Section 36
Meridian: SLBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

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



From: Jim Davis
To: Bonner, Ed; Garrison, LaVonne; Hill, Brad; Mason, Diana
CC: mcrozier@newfield.com; teaton@newfield.com
Date: 5/12/2011 10:02 AM
Subject: Newfield APD approvals

The following APDs have been approved by SITLA. Please see the arch and paleo notes below.

Arch and paleo clearance is granted on this group of APDs.

4301350649 GMBU I-32-8-17
4304751540 GMBU N-36-8-17
4301350658 GMBU O-32-8-17
4301350659 State 3-36-9-16H
4304751549 GMBU B-2-9-17
4304751550 GMBU J-2-9-17
4304751551 GMBU C-2-9-17
4301350673 GMBU S-2-9-15
4301350674 GMBU V-2-9-15
4301350690 GMBU J-32-8-17

On existing pad, requiring no new surface disturbance. Arch and paleo not required.
4304751553 GMBU D-2-9-17

-Jim Davis

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

CONFIDENTIAL

Well Name	NEWFIELD PRODUCTION COMPANY State 3-36-9-16H 4301			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	1000	5354		
Previous Shoe Setting Depth (TVD)	0	1000		
Max Mud Weight (ppg)	8.3	8.5		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	7740		
Operators Max Anticipated Pressure (psi)	2318	8.3		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	432	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	312	YES <input type="checkbox"/> air drill <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	212	YES <input type="checkbox"/> OK <input type="checkbox"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	212	NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	2366	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1724	YES <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1188	YES <input type="checkbox"/> OK <input type="checkbox"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1408	NO <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

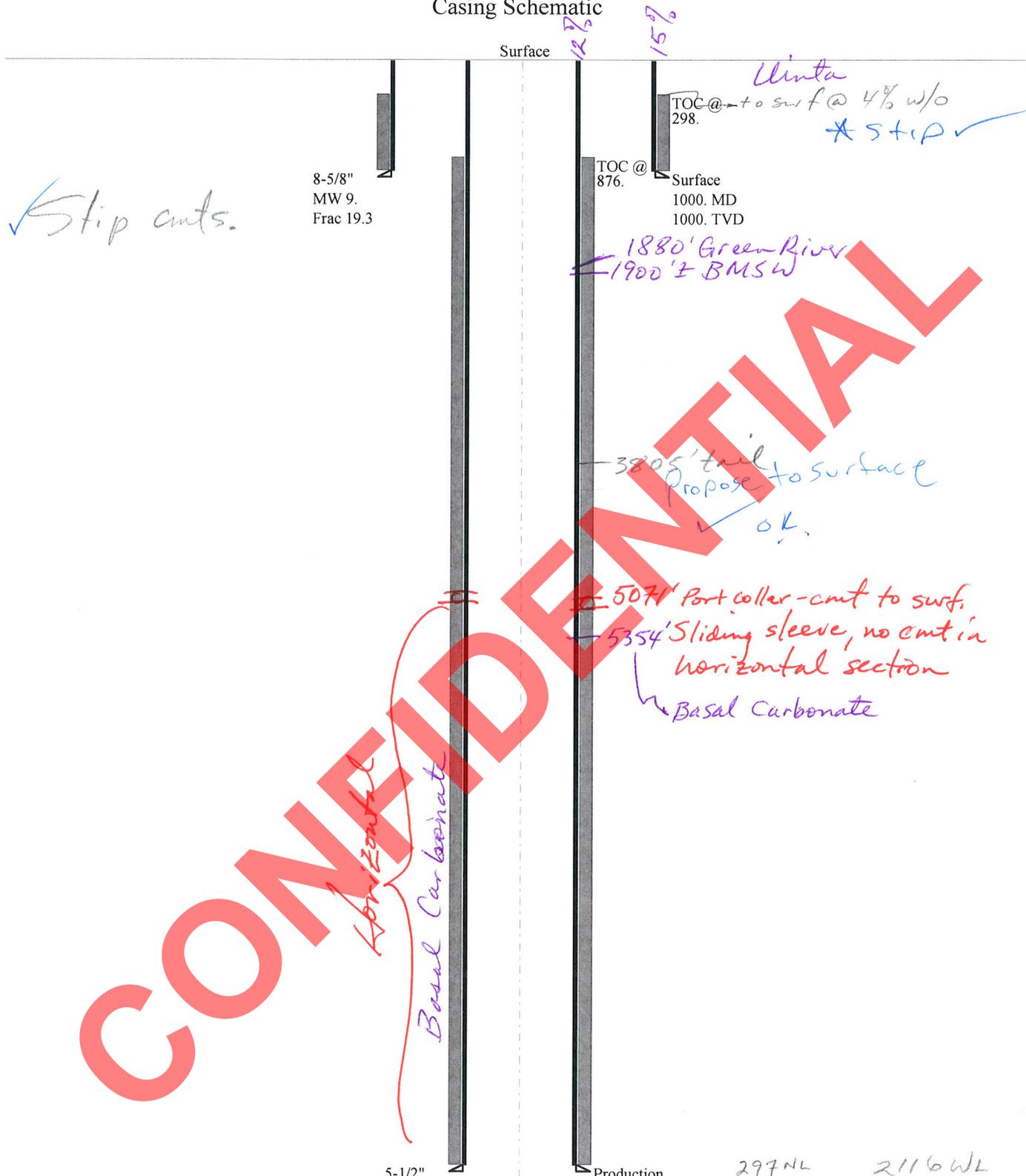
Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure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

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=			psi

CONFIDENTIAL

43013506590000 State 3-36-9-16H

Casing Schematic



✓ Stop cuts.

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297 NL	2116 WL
-4511	-1551
4808 NL	565 FWL ✓ ok.
~5280	
472 FSL ✓	

SW SW Sec 36-9S-16E

Well name:	43013506590000 State 3-36-9-16H	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Surface	Project ID: 43-013-50659
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 880 psi
Internal gradient: 0.120 psi/ft
Calculated BHP: 1,000 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on air weight.
Neutral point: 865 ft

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 88 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft
Cement top: 298 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 5,354 ft
Next mud weight: 8.500 ppg
Next setting BHP: 2,364 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,000 ft
Injection pressure: 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	8.625	24.00	J-55	ST&C	1000	1000	7.972	5147
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	467	1370	2.931	1000	2950	2.95	24	244	10.17 J

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

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

Date: June 28, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	43013506590000 State 3-36-9-16H		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production	Project ID:	43-013-50659
Location:	DUCHESE COUNTY		

Design parameters:

Collapse

Mud weight: 8.500 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,186 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 2,364 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on air weight.
 Neutral point: 4,664 ft

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 149 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft
 Cement top: 876 ft

Directional Info - Build & Hold

Kick-off point: 5071 ft
 Departure at shoe: 4770 ft
 Maximum dogleg: 12 °/100ft
 Inclination at shoe: 92.6 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	10118	5.5	17.00	N-80	LT&C	5354	10118	4.767	57029
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2364	6290	2.661	2407	7740	3.22	91	348	3.82 J

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

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

Date: June 28, 2011
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 5354 ft, a mud weight of 8.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

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

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name State 3-36-9-16H
API Number 43013506590000 **APD No** 3596 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 NENW **Sec** 36 **Tw** 9.0S **Rng** 16.0E 297 FNL 2116 FWL
GPS Coord (UTM) 579484 4427279 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Tim Eaton (Newfield Production Company), Jim Davis (SITLA), Ben Williams (Utah Division of Wildlife Resources), Corie Miller (Tri State Land Surveying).

Regional/Local Setting & Topography

The general area is approximately 16 air miles south of Myton, Utah in a secondary drainage of Big Wash. Big Wash is an ephemeral drainage, which joins the Green River approximately 6 miles to the east and 11 miles downstream from Ouray, Utah. No streams, springs or seeps occur in the immediate area. An occasional pond constructed to store runoff for livestock or wildlife exists. Broad flats or rolling topography intersected by drainages with gentle to moderate side-slopes characterize the area. Access to the area from Myton, Utah is following State of Utah Hwy. 40, Duchesne County and oilfield development roads a distance of 17.4 miles. A new road approximately 7,817 feet in length will be constructed to the site.

The site for the State 3-36-9-16H proposed horizontal oil well is on a moderately steep to steep rocky, ledgey, south facing side-slope of a ridge. To the south is a significant wash. The location is outside the normal drilling window to miss this drainage and other steep slopes in the area. Maximum cut on the pit side is 35.9 feet with a maximum fill of 24.3 feet at Corner 8. Layers of sandstone, surface within the area and on the location. No drainages intersect the location and no diversions are required. Care must be taken to keep fills from reaching the draw to the south. The selected site appears to be a suitable location for drilling and operating a well and is the best site in the immediate area.

Both the surface and minerals are owned by SITLA.

Surface Use Plan

Current Surface Use

Grazing
Recreational
Wildlife Habitat

New Road Miles

1.48

Well Pad

Width 310 **Length** 400

Src Const Material

Onsite

Surface Formation

UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Vegetation is a poor desert shrub type. Identified vegetation consisted of black sage, mustard weed, winter fat, Indian ricegrass, greasewood, shadscale, sitanion hystris, curly mesquite, broom snakeweed, and spring annuals.

Cattle, prairie dogs, antelope, small mammals and birds.

Soil Type and Characteristics

Shallow rocky sandy loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y **Paleo Potential Observed?** **Cultural Survey Run?** Y **Cultural Resources?**

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
Final Score		40	1 Sensitivity Level

Characteristics / Requirements

A 100' x 165' x 8' deep reserve pit is planned in an area of cut on the northwest of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

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

Other Observations / Comments

Floyd Bartlett
Evaluator

4/6/2011
Date / Time

Application for Permit to Drill

Statement of Basis

7/7/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3596	43013506590000	SITLA	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD		
Well Name	State 3-36-9-16H		Unit		
Field	UNDESIGNATED		Type of Work	DRILL	
Location	NENW 36 9S 16E S 297 FNL 2116 FWL		GPS Coord (UTM)	579482E	4427282N

Geologic Statement of Basis

Newfield proposes to set 1,000 feet of surface casing at this location. The base of the moderately saline water at this location is estimated to be at approximately 1,900 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 36. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The cement for the production casing should be brought up to or above the base of the moderately saline ground water in order to isolate it from fresher waters uphole.

Brad Hill
APD Evaluator

4/28/2011
Date / Time

Surface Statement of Basis

The general area is approximately 16 air miles south of Myton, Utah in a secondary drainage of Big Wash. Big Wash is an ephemeral drainage, which joins the Green River approximately 6 miles to the east and 11 miles downstream from Ouray, Utah. No streams, springs or seeps occur in the immediate area. An occasional pond constructed to store runoff for livestock or wildlife exists. Broad flats or rolling topography intersected by drainages with gentle to moderate side-slopes characterize the area. Access to the area from Myton, Utah is following State of Utah Hwy. 40, Duchesne County and oilfield development roads a distance of 17.4 miles. A new road approximately 7,817 feet in length will be constructed to the site.

The site for the State 3-36-9-16H proposed horizontal oil well is on a moderately steep to steep rocky, ledgey, south facing side-slope of a ridge. To the south is a significant wash. The location is outside the normal drilling window to miss this drainage and other steep slopes in the area. Maximum cut on the pit side is 35.9 feet with a maximum fill of 24.3 feet at Corner 8. Layers of sandstone, surface within the area and on the location. No drainages intersect the location and no diversions are required. Care must be taken to keep fills from reaching the draw to the south. The selected site appears to be a suitable location for drilling and operating a well and is the best site in the immediate area.

Both the surface and minerals are owned by SITLA. Jim Davis represented SITLA at the site visit. He had no concerns regarding the proposal. A seed mix to be used when the reserve pit and location are reclaimed has been previously provided by SITLA.

Ben Williams represented the Utah Division of Wildlife Resources. Mr. Williams stated the area was classified as crucial value antelope habitat but did not recommend any restrictions for this species. No other wildlife should be significantly affected.

Floyd Bartlett
Onsite Evaluator

4/6/2011
Date / Time

Conditions of Approval / Application for Permit to Drill

RECEIVED: Jul. 07, 2011

Application for Permit to Drill Statement of Basis

7/7/2011

Utah Division of Oil, Gas and Mining

Page 2

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	The reserve pit shall be fenced upon completion of drilling operations.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/28/2011

API NO. ASSIGNED: 43013506590000

WELL NAME: State 3-36-9-16H

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NENW 36 090S 160E

Permit Tech Review:

SURFACE: 0297 FNL 2116 FWL

Engineering Review:

BOTTOM: 0500 FSL 0500 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 39.99387

LONGITUDE: -110.06898

UTM SURF EASTINGS: 579482.00

NORTHINGS: 4427282.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 3 - State

LEASE NUMBER: ML-50081

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 3 - State

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

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

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:**
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No:** Cause: 213-11
- Effective Date:** 11/30/2009
- Siting:** Suspends General Siting
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations:
 5 - Statement of Basis - bhll
 8 - Cement to Surface -- 2 strings - hmadonald
 15 - Directional - bhll
 23 - Spacing - dmason
 27 - Other - bhll



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: State 3-36-9-16H
API Well Number: 43013506590000
Lease Number: ML-50081
Surface Owner: STATE
Approval Date: 7/7/2011

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: 213-11. 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:

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

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

Cement volumes for the 8 5/8" and 5 1/2" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Additional Approvals:

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

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

Notification Requirements:

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

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

Contact Information:

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

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

Reporting Requirements:

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

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

Approved By:

Approved by:

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

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50081
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: State 3-36-9-16H
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013506590000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0297 FNL 2116 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/6/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>

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

Newfield requests to change the production casing design. The change in design is in the horizontal portion of the well only. Due to geological requirements, a special density LWD (logging while drilling) tool may be used to help steer the well if necessary. This tool is only available in 4-3/4" tool size. The well will be drilled as previously submitted in the vertical and curve sections (7-7/8" hole size). Once the well is landed in the Basal Carbonate formation the hole size will be changed to 6-1/8". This hole size allows for the flexibility to use the special density LWD log if necessary. The production casing will be changed to a 5-1/2", 20#, L-80 x 4-1/2", 11.6#, P-110 taper string. The increased strength in this casing design will allow for higher frac pressures. All other drilling program information will remain as originally submitted.

Approved by the Utah Division of Oil, Gas and Mining

Date: 09/20/2011

By: *Dark K. Quist*

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 9/6/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50081
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	8. WELL NAME and NUMBER: STATE 3-36-9-16H
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	9. API NUMBER: 43013506590000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0297 FNL 2116 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: DUCHESNE STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/7/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

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

Approved by the Utah Division of Oil, Gas and Mining

Date: June 28, 2012

By:

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 6/22/2012	



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 43013506590000

API: 43013506590000

Well Name: STATE 3-36-9-16H

Location: 0297 FNL 2116 FWL QTR NENW SEC 36 TWNP 090S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 7/7/2011

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: 6/22/2012

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50081	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
8. WELL NAME and NUMBER: STATE 3-36-9-16H	
9. API NUMBER: 43013506590000	
9. FIELD and POOL or WILDCAT: UNDESIGNATED	
COUNTY: DUCHESNE	
STATE: UTAH	

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

1. TYPE OF WELL Oil Well	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0297 FNL 2116 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 16.0E Meridian: S	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/7/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
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<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Newfield proposes to extend the Application for Permit to Drill this well for on year.

Approved by the Utah Division of Oil, Gas and Mining
Date: June 05, 2013
By:

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 6/4/2013	



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 43013506590000

API: 43013506590000

Well Name: STATE 3-36-9-16H

Location: 0297 FNL 2116 FWL QTR NENW SEC 36 TWNP 090S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 7/7/2011

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

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- 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: 6/4/2013

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Green River District-Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/ut/st/en/fo/vernal.html>



March 16, 2011

IN REPLY REFER TO:
3160 (UTG011)

Mandie Crozier
Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

43 013 50659

Re: Request to Return State APD
Well No. Gr. Mon. Butte 3-36-9-16H
NENW, Sec. 36, T9S, R16E
Duchesne County, Utah
State Lease No. ML-50081

Dear Ms. Crozier:

The State of Utah Application for Permit to Drill (APD) for the above referenced well received in this office on February 14, 2011 is being returned unapproved/unaccepted per your request to Benna Muth today, March 16, 2011. You asked Benna to return the APD due to this well not being located in the Greater Monument Butte (GR) Unit.

If you have any questions regarding this matter, please contact Cindy Severson at (435) 781-4455.

Sincerely,

Jerry Kenczka
Assistant Field Manager
Lands & Mineral Resources

cc: UDOGM

RECEIVED

MAR 29 2011

DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Green River District-Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/ut/st/en/fo/vernal.html>



March 16, 2011

IN REPLY REFER TO:
3160 (UTG011)

Mandie Crozier
Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

43 013 50659

Re: Request to Return State APD
Well No. Gr. Mon. Butte 3-36-9-16H
NENW, Sec. 36, T9S, R16E
Duchesne County, Utah
State Lease No. ML-50081

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Sincerely,

Jerry Kenczka
Assistant Field Manager
Lands & Mineral Resources

cc: UDOGM

RECEIVED

MAR 29 2011

DIV. OF OIL, GAS & MINING



GARY R. HERBERT
Governor

SPENCER J. COX
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

August 20, 2014

Mandie Crozier
Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052

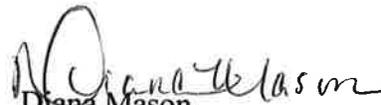
Re: APD Rescinded – State 3-36-9-16H, Sec. 36, T.9S, R. 16E
Duchesne County, Utah API No. 43-013-50659

Dear Ms. Crozier:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on July 7, 2011. On June 28, 2012 and June 5, 2013, the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective August 20, 2014.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
SITLA, Ed Bonner