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 Federal 3A-12-9-18 (Rig Skid)
2. TYPE OF WORK DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** EIGHT MILE FLAT
4. TYPE OF WELL Gas 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) UTU-84229	**11. MINERAL OWNERSHIP** FEDERAL ◉ INDIAN ○ STATE ○ FEE ○
	12. SURFACE OWNERSHIP FEDERAL ◉ INDIAN ○ STATE ○ FEE ○
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 ○ (Submit Commingling Application) NO ◉
	19. SLANT VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	660 FNL 1970 FWL	NENW	12	9.0 S	18.0 E	S
Top of Uppermost Producing Zone	660 FNL 1970 FWL	NENW	12	9.0 S	18.0 E	S
At Total Depth	660 FNL 1970 FWL	NENW	12	9.0 S	18.0 E	S

21. COUNTY UINTAH	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 660	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2640	**26. PROPOSED DEPTH** MD: 15629 TVD: 15629
27. ELEVATION - GROUND LEVEL 4847	**28. BOND NUMBER** WYB000493	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 437478

ATTACHMENTS

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

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

NAME Mandie Crozier	**TITLE** Regulatory Tech	**PHONE** 435 646-4825
SIGNATURE	**DATE** 08/25/2010	**EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43047512820000

APPROVAL

Permit Manager

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	7.875	4.5	0	15629		
Pipe	**Grade**	**Length**	**Weight**			
	Grade P-110 LT&C	15629	13.5			

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Cond	17.5	13.375	0	200		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 ST&C	200	54.5			

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	12.25	8.625	0	4000		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 ST&C	4000	32.0			

NEWFIELD PRODUCTION COMPANY
FEDERAL 3A-12-9-18
NE/NW SECTION 12, T9S, R18E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. *GEOLOGIC SURFACE FORMATION:*

Uinta formation of Upper Eocene Age

2. *ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:*

Wasatch	5,920'
Mesaverde	10,166'
Castlegate	12,344'
Blackhawk	12,616'
Mancos	13,429'
TD	15,629'

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

Green River (Douglas Creek) (Oil)	4,595' – 5,920'
Wasatch, Mesaverde, Mancos (Gas)	5,920' – TD

Fresh water may be encountered, but would not be expected below about 600'. 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 (lb/ft)	Grade	Coupling	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Design Factors		
	Top	Btm							Burst	Collapse	Tension
Conductor 13-3/8"	0'	200'	54.5	J-55	STC	--	--	--	--	--	--
Surface 8-5/8"	0'	4,000'	32.0	J-55	STC	8.33	8.33	13.0	1.75	1.99	2.91
Prod 4-1/2"	0'	15,629'	13.5	P-110	LTC	11.5	12.0	N/A	1.65	1.34	1.60

Assumptions:

1) Surface casing MASP = (frac gradient + 1.0 ppg) – gas gradient
2) Interm casing MASP = frac gradient – fresh water gradient
3) Prod casing MASP (production mode) = reservoir pressure – gas gradient
4) All collapse calculations assume fully evacuated casing = mud weight – gas gradient
5) All tension calculations assume air weight

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

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

b. Cement Design

Job	Fill	Description	Sacks / ft^3	OH Excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	200'	Class G + 3% CaCl2	181 211	30%	15.8	1.17
Surface Casing Lead	3,000'	Prem Lite II + 3% KCl + 2% bentonite	493 1609	30%	11.0	3.26
Surface Casing Tail	1,000'	Class G + 2% CaCl2	458 536	30%	15.8	1.17
Prod Casing Lead	5,000'	Prem Lite II + 3% KCl + 2% bentonite	454 1481	30%	11.0	3.26
Prod Casing Tail	7,129'	50/50 Poz Class G + 2% bentonite	1703 2111	30%	14.3	1.24

Note: Actual volume pumped will be 15% over caliper log

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

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 Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM 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 production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

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 Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager 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:*

A 10,000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) will be used. A 5,000 psi WP annular preventer will also be used.

Connections - All components on the stack and choke and kill lines shall have either flanged, studded, clamp hub or equivalent proprietary connections except control line outlets and pressure gauges.

Annular Preventer - The annular shall be rated to a minimum 5000 psi WP, and shall be installed at the top of the stack. A valve rated to full annular WP shall be mounted on the closing side using XX heavy fittings.

Rams and Position - The lower cavity shall contain pipe rams (master ram) to fit the upper section of the drill pipe in use. Casing rams are not required. The upper cavity shall contain blind rams for a 2 ram stack. A means shall be available to mechanically lock the rams closed.

BOP Side Outlets - The choke and kill lines outlets shall be a minimum 2 inches nominal and can be either in the BOP body between the rams or in a spool placed between the rams. Two gate valves rated to full BOP WP shall be installed on both outlets. The outside choke line valve shall be hydraulically operated.

Choke and Kill Lines - The lines shall be a minimum 2 inches nominal, made of seamless steel, seamless steel with Chiksan™ joints, or armored fire resistant hose rated to required BOP WP. The choke line shall be as straight as possible, and securely anchored. All turns shall be 90 degrees and "targeted." When hoses are used, they shall have a rated test pressure of at least 1.5 times the required BOP WP.

Secondary Kill Outlet - One outlet located below the lower rams either on the BOP stack or on the wellhead shall be fitted with two valves, a needle valve with adapter and pressure gauge, all rated to wellhead WP or greater. This outlet is not to be used in normal operations.

Closing Methods - At least three means of operating all the preventers shall be provided, consisting of any combination of the following:

a. An air and/or electrically operated hydraulic pump(s) capable of closing one ram preventer in 30 seconds.

b. An accumulator capable of closing all preventers and opening the hydraulic choke line valve, without requiring a recharge.

c. Manual method with closing handles and/or wheels to be located in an unobstructed area, away from the wellhead, or additional equipment per item "a" and item "b" to provide full redundancy to method.

d. Bottled nitrogen or other back-up storage system to equal accumulator capacity, manifolded to by-pass the accumulator and close the BOP directly.

Hydraulic Closing Unit - The closing unit shall be equipped with:

a. A control manifold with a control valve for each preventer and hydraulically operated valve; a regulator for the annular preventer; and interconnected steel piping. Each blowout preventer control valve should be turned to open position during drilling operations.

b. Control lines to BOPs of seamless steel, seamless steel lines with Chiksan joints, or fire resistant steel armored hose.

c. A remote control panel from which each preventer and hydraulic valve can be operated. If the remote panel becomes inoperable, it shall not interfere with the operation of the main closing unit.

Location - For land locations, the hydraulic closing unit shall be located in an unobstructed area outside the substructure at least 50 feet from the wellhead and the remote panel shall be located near the driller's position. For offshore installations, the location of the closing unit and remote panel shall be such that one is located near the driller position and the other is located away from the well area and is accessible from a logical evacuation route.

Choke Manifold – The choke manifold will be rated at full working pressure of the BOP stack. The manifold shall be located at least 5 feet from the BOP stack, outside the substructure.

Connections - All components of the manifold shall be equipped with flanged, studded, clamped hub or equivalent proprietary connections (gauge connections exempted).

Flow Wings - Three flow wings shall be provided, capable of transmitting well returns through conduits that are a minimum 2 inches nominal. Two wings shall be equipped with chokes and one gate valve upstream of each choke; one gate valve ahead of the discharge manifold; and one valve downstream of each choke; at least one choke shall be adjustable. A gate valve shall be installed

directly upstream of the cross if single valves are installed upstream of the chokes. One wing with one gate valve capable of transmitting well returns directly to the discharge manifold. The chokes, the valve(s) controlling the unchoked discharge wing, and all equipment upstream of these items shall be rated to required BOP WP.

Discharge Manifold - A discharge manifold (buffer tank), capable of diverting well returns overboard or to the blowdown/reserve pit; to the mud gas separator; and to the shaker tank is required. Lead-filled bull plugs (or equivalent erosion resistant components) shall be installed in the discharge manifold directly opposite the choked wings.

Pressure Monitoring - A means of monitoring the inlet pressure of the choke manifold shall be provided. The capability to isolate this outlet shall be provided.

Mud Gas Separator - An atmospheric or low pressure separating vessel for handling gas cut returns shall be provided. It shall be equipped with gas vent lines to discharge gas at least 150 feet from the rig in downwind direction. Venting above the crown is an acceptable alternative.

Mud System Monitoring - The rig shall be equipped with stroke counters for each pump; continuous recording pit level indicator and totalizer with audible alarm to monitor volume of all active pits; and a continuous recording mud return indicator with audible alarm.

Drillstring Control Devices - An upper and lower kelly valve, drillstring safety valve including correct closing handle, and an inside BOP shall be provided. The safety valve and inside BOP shall have connections or crossovers to fit all tubulars with OD to allow adequate clearance for running in the hole. All drillstring valves shall be rated to the required BOP WP.

Auxiliary Equipment - A kelly saver sub with casing protector larger than tool joints at top of drillstring (for kelly equipped rigs); a wear bushing or wear flange to protect the seal area of the wellhead while drilling; and a plug or cup type BOP test tool shall be provided.

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 10M system, and individual components shall be operable as designed.

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 ± 4000' will be drilled with fresh water or an air/mist system, depending on the drilling contractor's preference. From 4000' to TD, fresh water or a fresh water-based mud system will be utilized. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated maximum mud weight is 12.0 lbs/gal. As necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel and barite.

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

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

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

7. *AUXILIARY SAFETY EQUIPMENT TO BE USED:*

None unless dictated by unanticipated well conditions.

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 – 4,000'
CBL: A cement bond log will be run from TD to the top of cement behind 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.

Drill stem tests, if they are run, will adhere to the following requirements: Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer (AO). However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DSTs may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

If a DST is performed, all engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

9. *ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:*

No abnormal temperatures and/or pressures are anticipated in the well. Maximum anticipated bottomhole pressure will be approximately equal total depth in feet multiplied by a 0.47 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 40 days.
Completion Days:	Approximately 12 - 20 days.

b. Notification of Operations

The Vernal BLM office will be notified at least 24 hours **prior** to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), 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 BLM 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 BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office 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 Vernal BLM 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", Form 3160-5, 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.

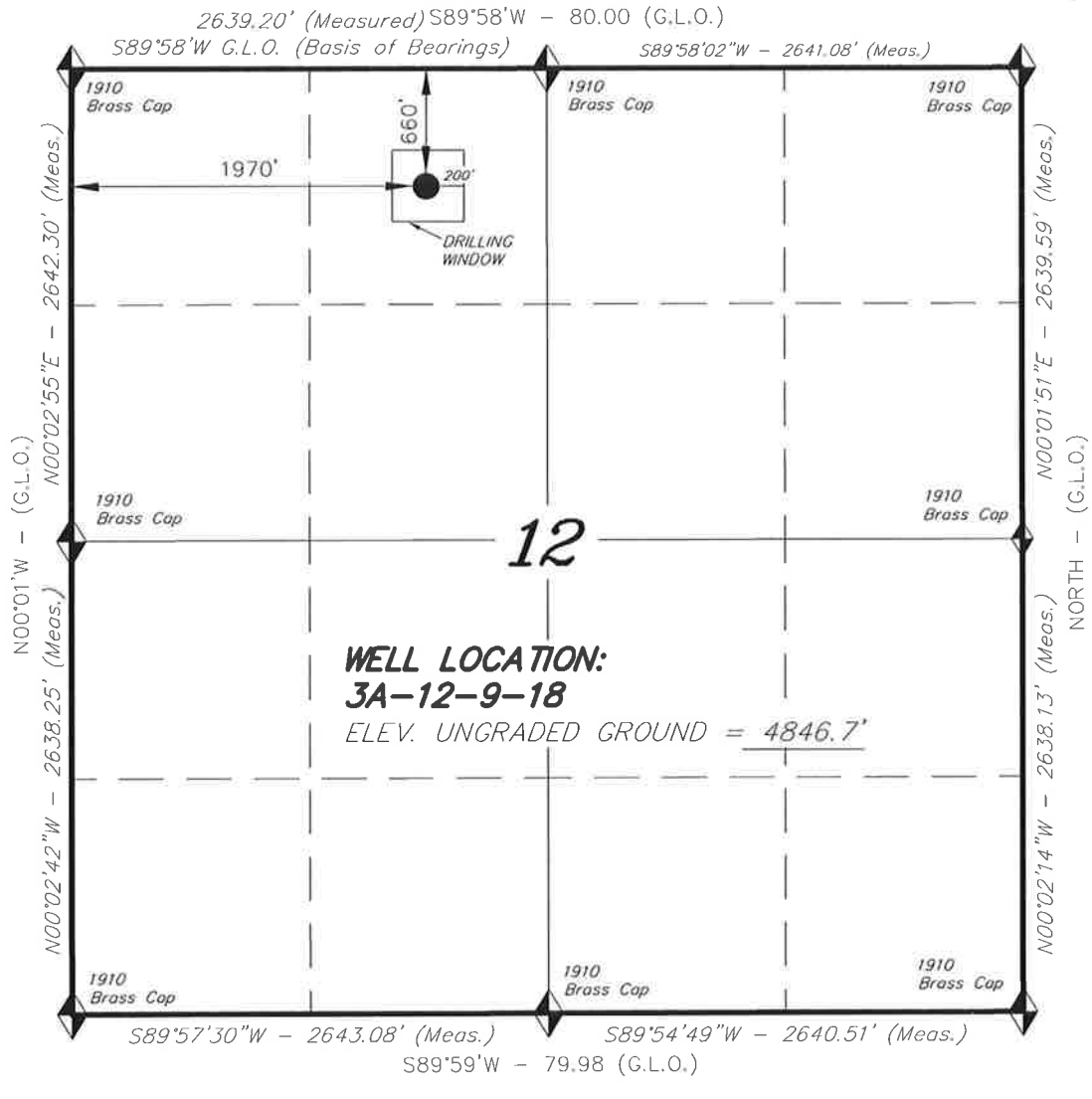
Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the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

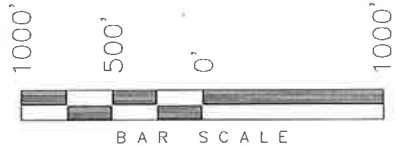
'APIWellNo:43047512820000'

T9S, R18E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 3A-12-9-18, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 12, T9S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.





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

REGISTERED LAND SURVEYOR No.189377 STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. [illegible]
STATE OF UTAH

= SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (UTELAND BUTTE)

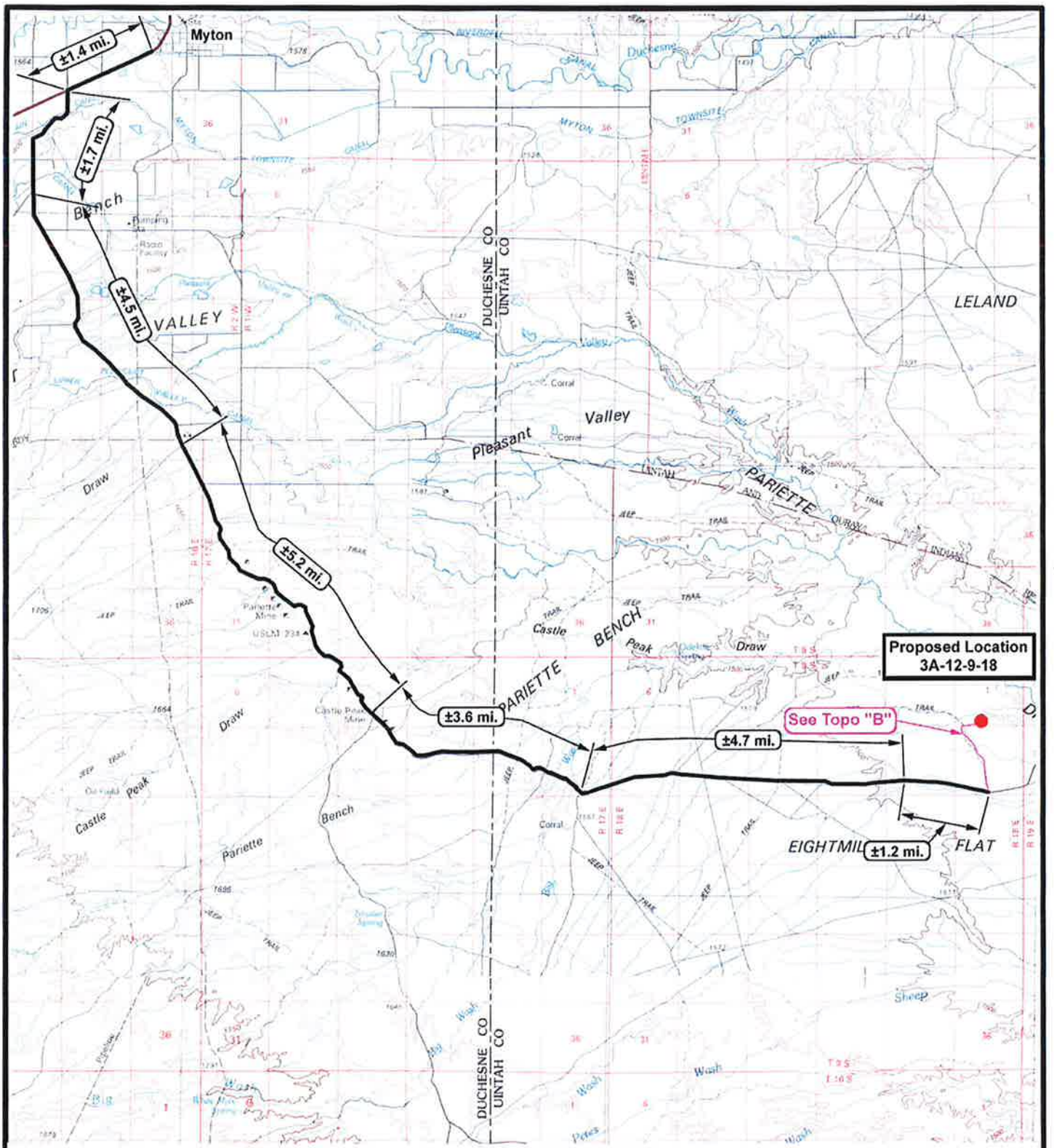
3-12-9-18
(Surface Location) NAD 83
LATITUDE = 40° 03' 02.88"
LONGITUDE = 109° 50' 39.49"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 7-18-08	SURVEYED BY: C.M.
DATE DRAWN: 7-21-08	DRAWN BY: M.W.
REVISED: 08-25-10 - M.W.	SCALE: 1" = 1000'

'APIWellNo:43047512820000'



NEWFIELD
Exploration Company

3A-12-9-18
SEC. 12, T9S, R18E, S.L.B.&M.

N

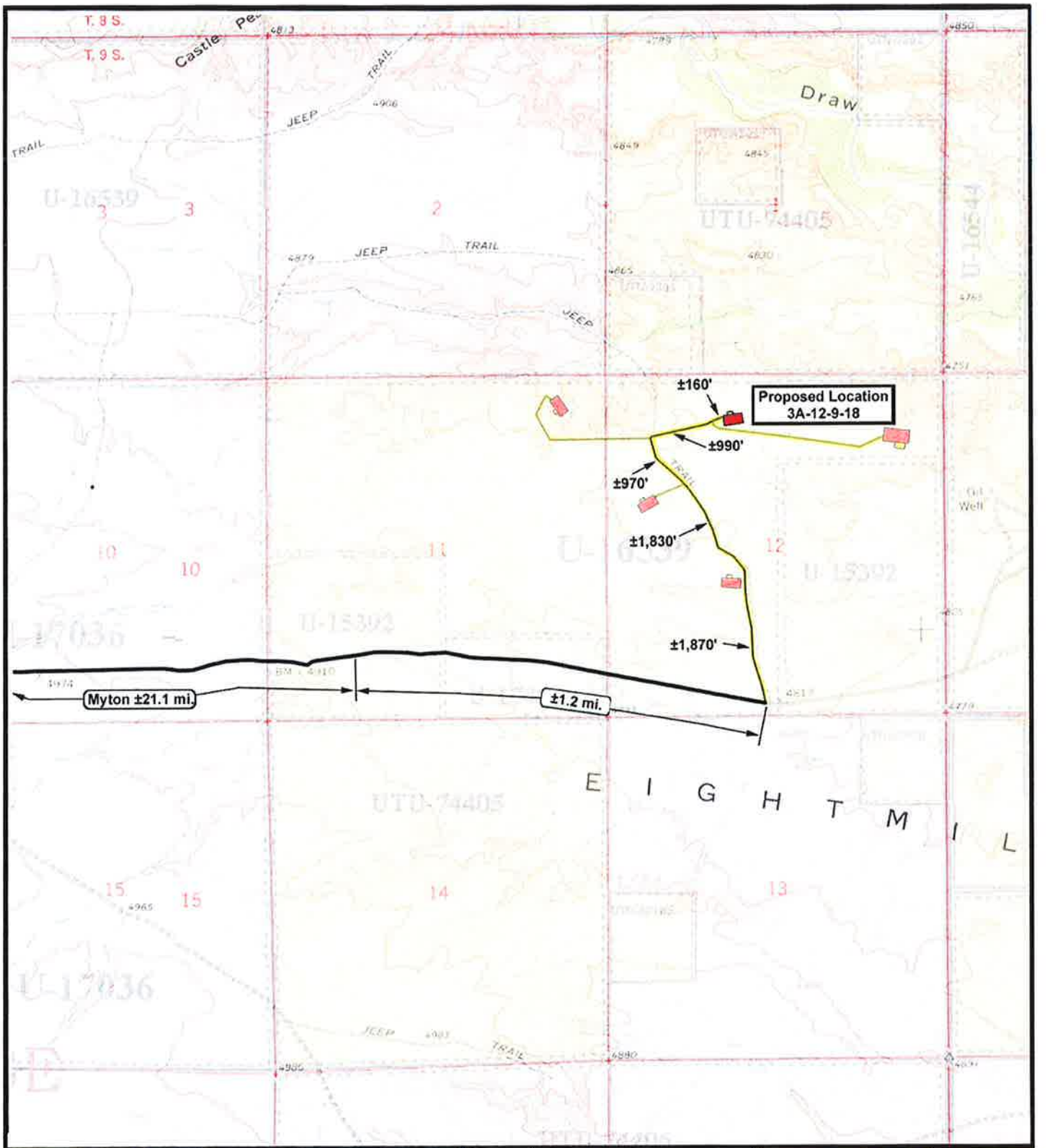
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: JAS
DATE: 08-25-2010

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"A"

'APIWellNo:43047512820000'



NEWFIELD
Exploration Company

3A-12-9-18
SEC. 12, T9S, R18E, S.L.B.&M.

N

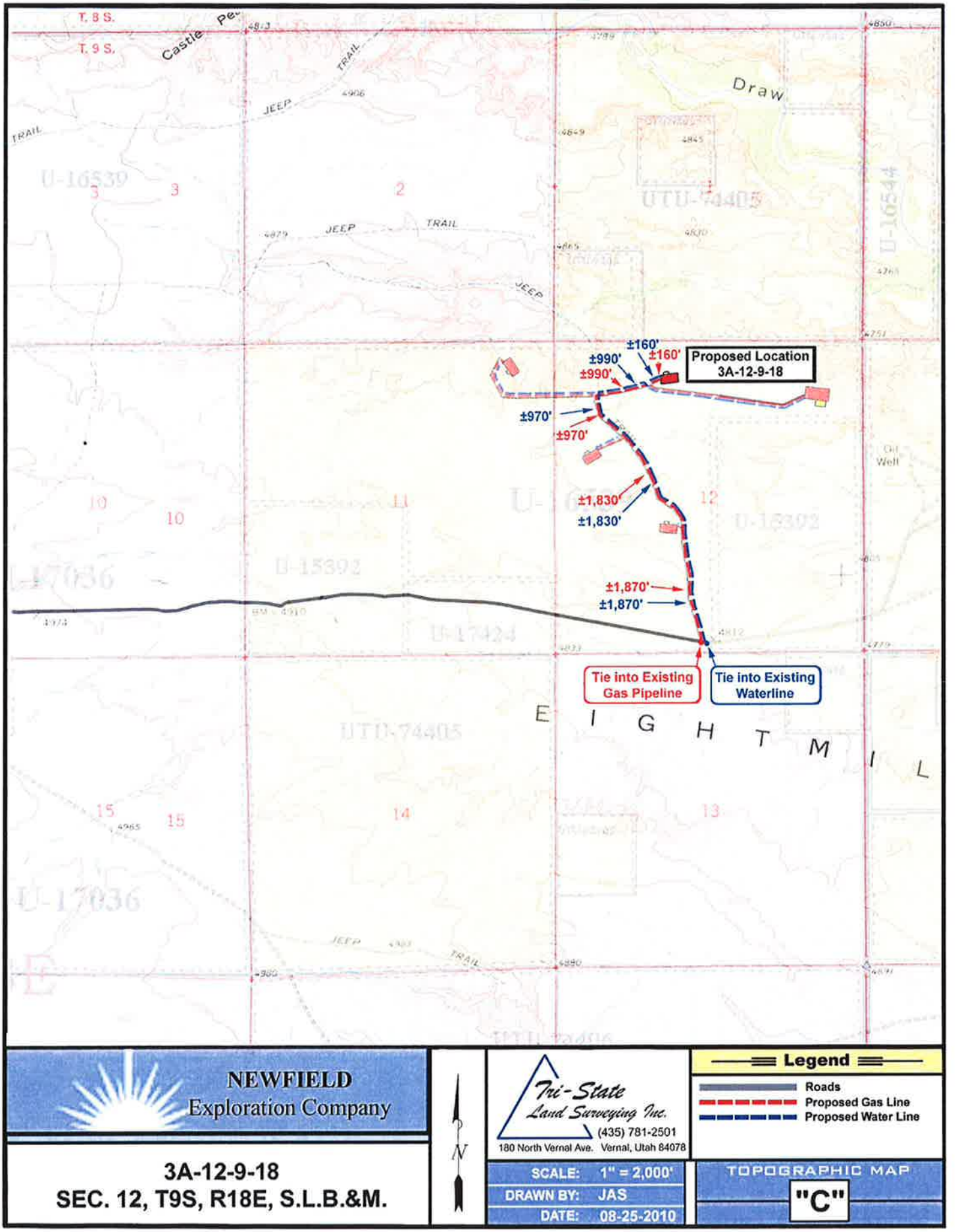
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 08-25-2010

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"

'APIWellNo:43047512820000'



NEWFIELD Exploration Company

3A-12-9-18
SEC. 12, T9S, R18E, S.L.B.&M.

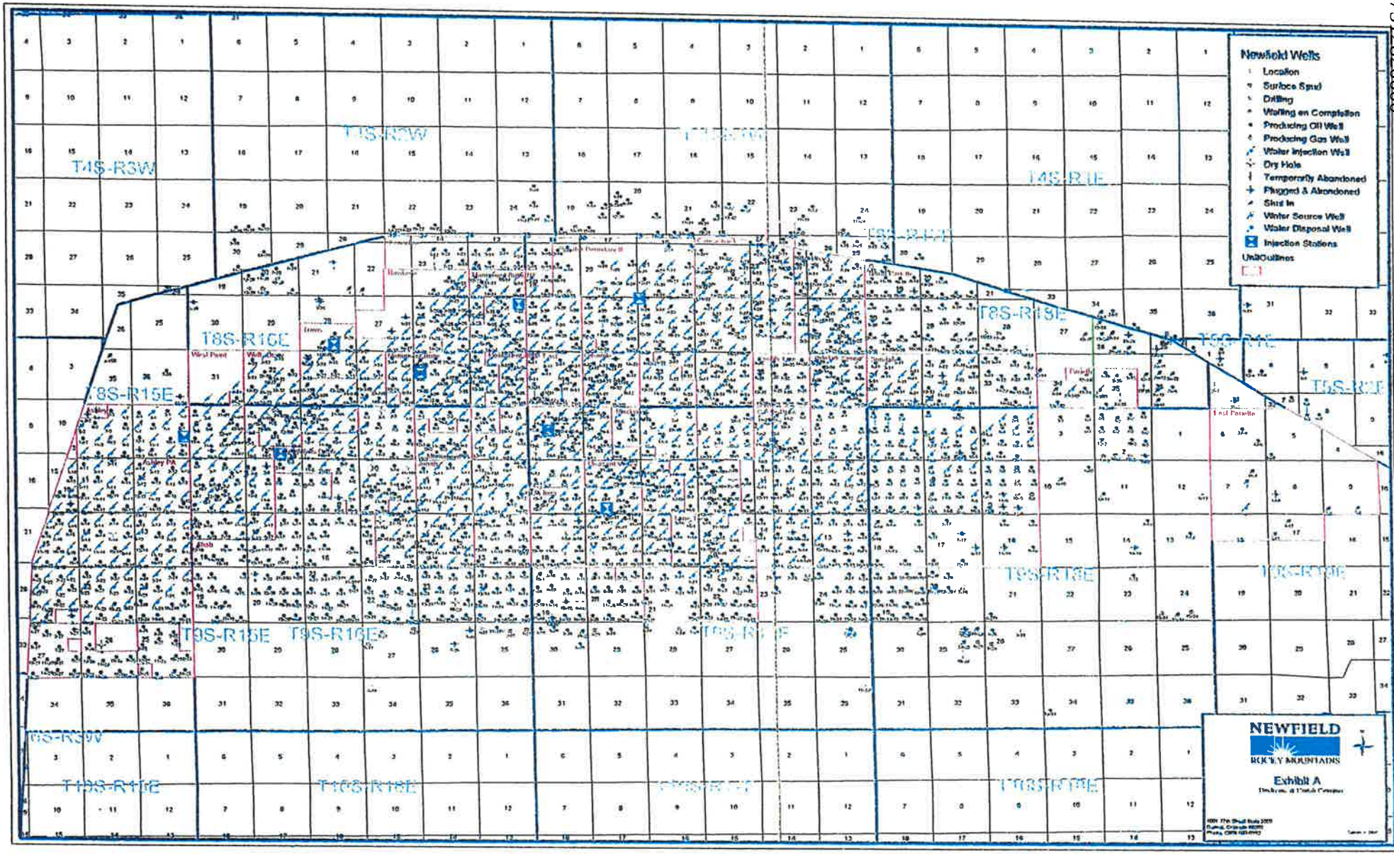
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

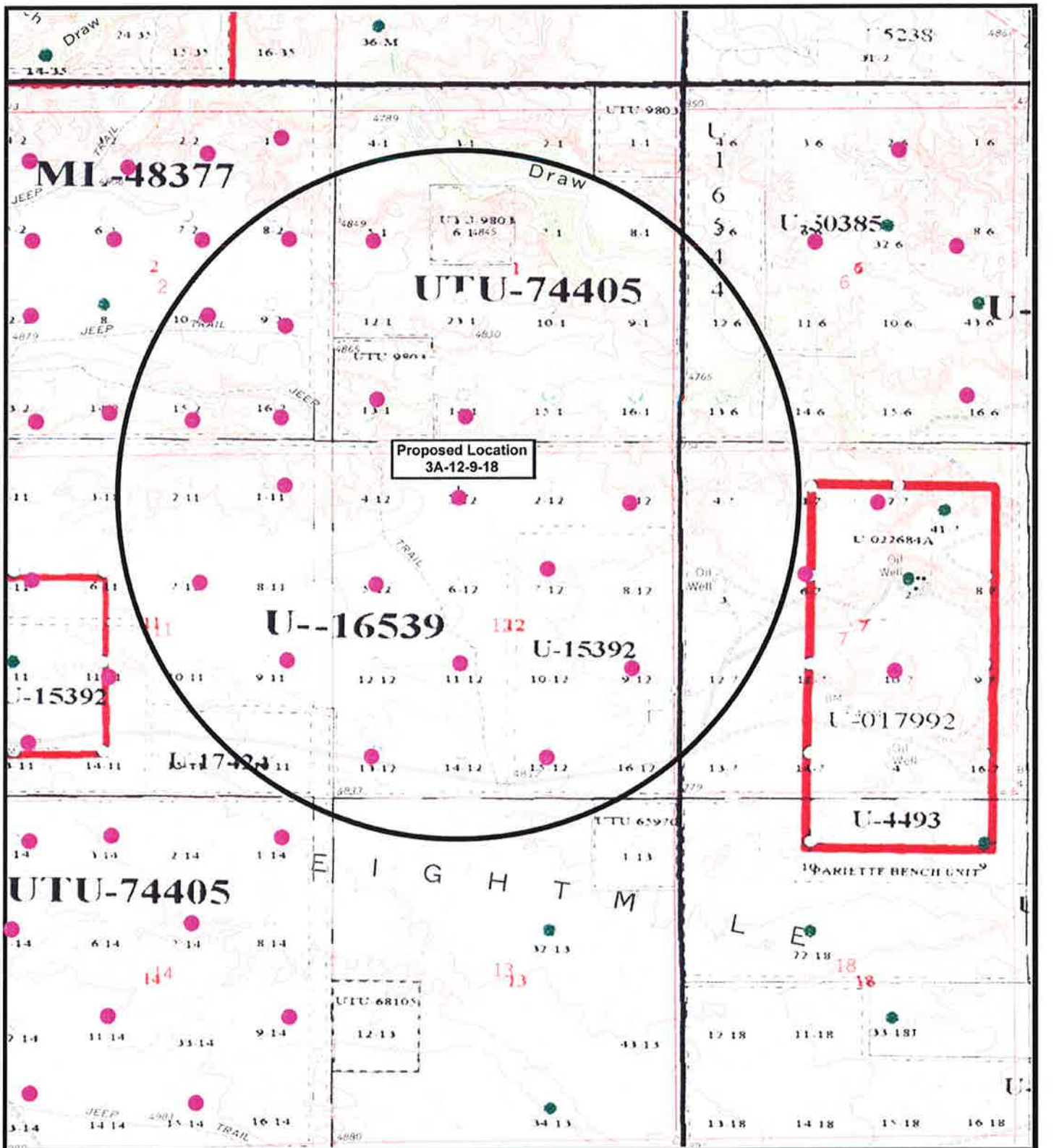
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 08-25-2010

Legend
Roads
Proposed Gas Line
Proposed Water Line

TOPOGRAPHIC MAP
"C"



'APIWellNo:43047512820000'



NEWFIELD
Exploration Company

3A-12-9-18
SEC. 12, T9S, R18E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 08-25-2010

Legend
- Location
- One-Mile Radius

Exhibit "B"

NEWFIELD PRODUCTION COMPANY
FEDERAL 3A-12-9-18
NE/NW SECTION 12, T9S, R18E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. *EXISTING ROADS*

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal 3A-12-9-18 located in the NE 1/4 NW 1/4 Section 12, T9S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 – 15.3 miles ± to it's junction with an existing dirt road to the east; proceed easterly – 5.9 miles ± to it's junction with the beginning of the proposed access road; proceed northwesterly and then northeasterly along the proposed access road – 5910'± to the proposed well location.

2. *PLANNED ACCESS ROAD*

See Topographic Map "B" for the location of the proposed access road.

3. *LOCATION OF EXISTING WELLS*

Refer to Exhibit "B".

4. *LOCATION OF EXISTING AND/OR PROPOSED FACILITIES*

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

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

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. *SOURCE OF CONSTRUCTION MATERIALS*

Please refer to the Monument Butte Field SOP.

7. *METHODS FOR HANDLING WASTE DISPOSAL*

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-130, 9/10/04. Paleontological Resource Survey prepared by, Wade E. Miller, 8/2/04. See attached report cover pages, Exhibit "D".

For the Federal 3A-12-9-18 Newfield Production Company requests 5910' of disturbed area be granted in Lease UTU-16539 to allow for construction of the proposed access road. **Refer to 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. A cattle guard will be required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 1420' of disturbed area be granted in Lease UTU-15392, 2530' of disturbed area be granted in Lease UTU-17424, and 8440' of disturbed area be granted in Lease UTU-16539 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 1420' of disturbed area be granted in Lease UTU-15392, 2530' of disturbed area be granted in Lease UTU-17424, and 8440' of disturbed area be granted in Lease UTU-16539 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal
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.

Threatened, Endangered, And Other Sensitive Species
Burrowing Owl: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

Water Foul: If new construction or surface disturbing activities are scheduled to occur between March 1 and May 25, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of water foul. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. No new construction or surface disturbing activities will be allowed between March 1 and May 25 within a 0.5 mile radius of any active water fowl nest.

Reserve Pit Liner
Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation
Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale	*Atriplex confertifolia*	4 lbs/acre
Scarlet globmallow	*Sphaeralcea conccinea*	4 lbs/acre
Crested Wheatgrass	*Agropyron cristatum*	4 lbs/acre

Details of the On-Site Inspection
The proposed Federal 3-12-9-18 was on-sited on 11/17/04. The following were present; Brad Mecham (Newfield Production) and Byron Tolman (Bureau of Land Management). Weather conditions were clear.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Tim Eaton

Address: 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 3-12-9-18 NE/NW Section 12, Township 9S, Range 18E: Lease UTU-84229 Uintah 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, Federal Bond #WYB000493.

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 18 U.S.C. 1001 for the filing of a false statement.

8/25/10
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

11" 5 M stack

Blowout Prevention Equipment Systems

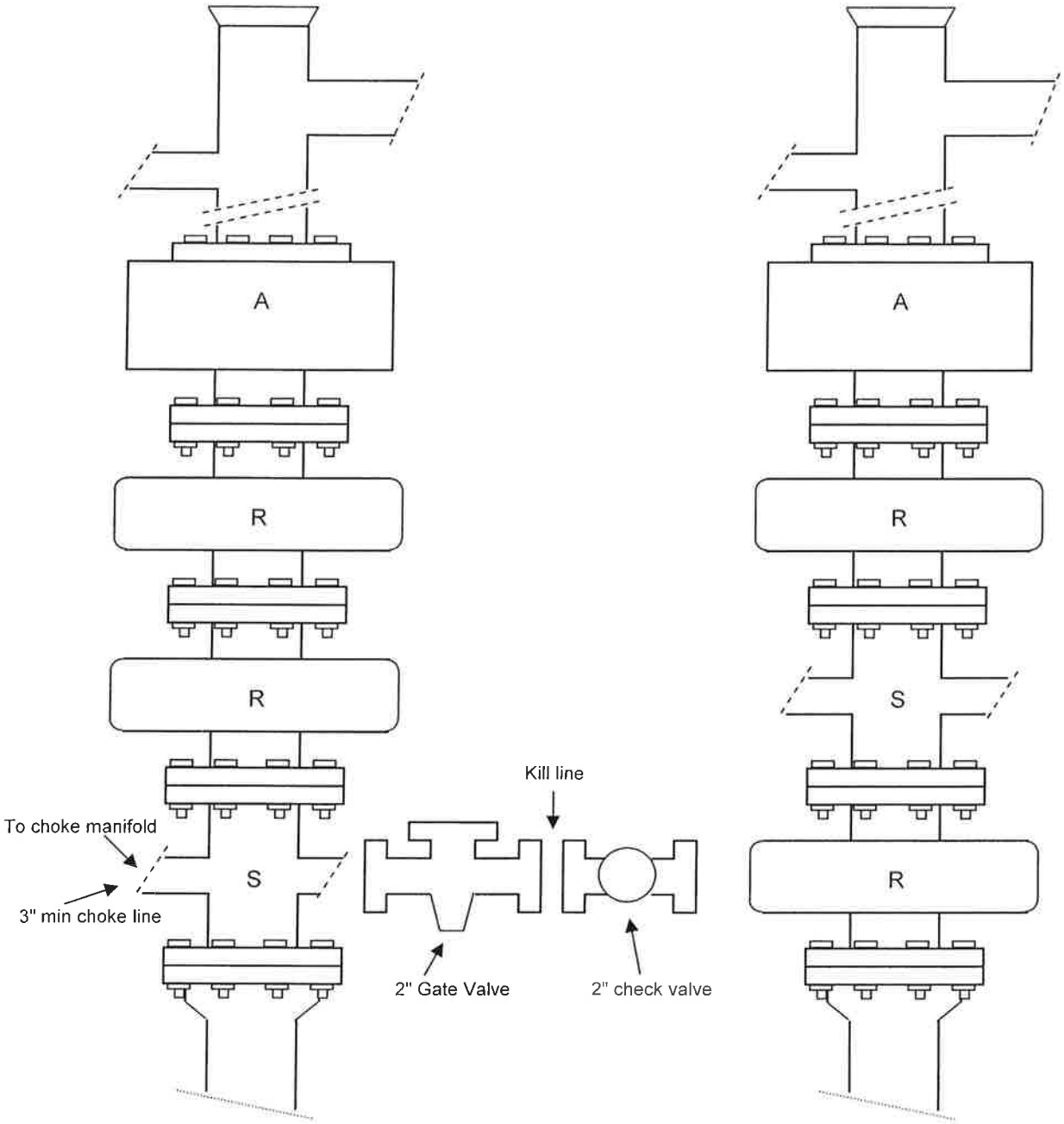


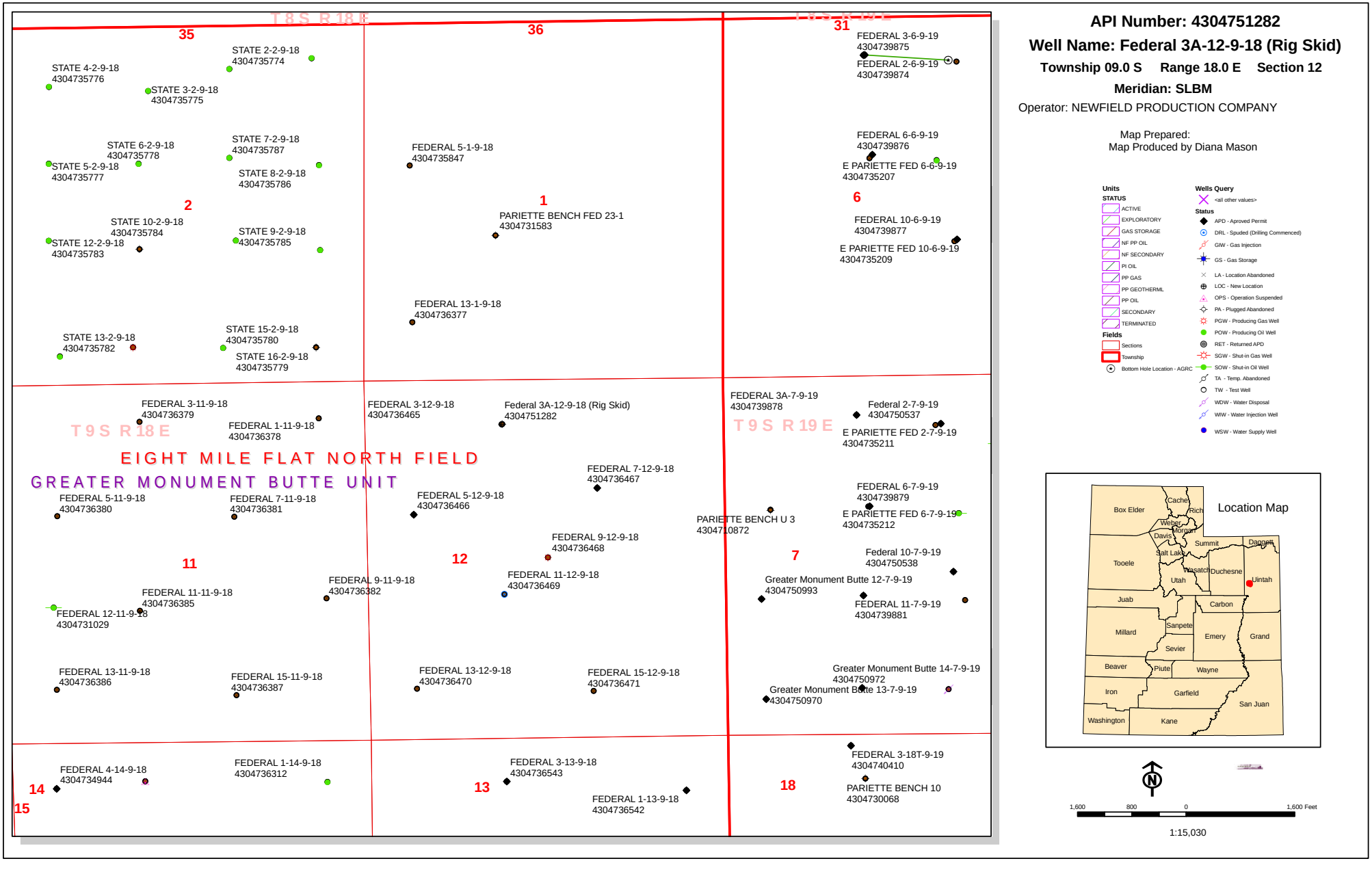
FIG. 2.C.5
ARRANGEMENT S*RRA
Double Ram Type Preventers

FIG. 2.C.6
ARRANGEMENT RS*RA

EXAMPLE BLOWOUT PREVENTER
ARRANGEMENTS FOR 3M AND 5M RATED
WORKING PRESSURE

* Drilling spool and its location in the stack arrangement is optional- refer to Par 2.C.6

'APIWellNo:43047512820000'



API Number: 4304751282

Well Name: Federal 3A-12-9-18 (Rig Skid)

Township 09.0 S Range 18.0 E Section 12

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED
Fields
Sections
Township
Bottom Hole Location - AGRC

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

1:15,030

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/25/2010 **API NO. ASSIGNED:** 43047512820000
WELL NAME: Federal 3A-12-9-18 (Rig Skid)
OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825
CONTACT: Mandie Crozier

PROPOSED LOCATION: NENW 12 090S 180E **Permit Tech Review:** ☑
SURFACE: 0660 FNL 1970 FWL **Engineering Review:** ☐
BOTTOM: 0660 FNL 1970 FWL **Geology Review:** ☑
COUNTY: UINTAH
LATITUDE: 40.05085 **LONGITUDE:** -109.84368
UTM SURF EASTINGS: 598634.00 **NORTHINGS:** 4433831.00
FIELD NAME: EIGHT MILE FLAT
LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-84229 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER
SURFACE OWNER: 1 - Federal **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** FEDERAL - WYB000493
- ☐ **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
RIGSKID FR 4304736465:

Stipulations: 4 - Federal Approval - dmason
22 - Rigskid - bhill

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

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

Permit To Drill

****

Well Name: Federal 3A-12-9-18 (Rig Skid)
API Well Number: 43047512820000
Lease Number: UTU-84229
Surface Owner: FEDERAL
Approval Date: 9/1/2010

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

All conditions of approval in the Statement of Basis and RDCC comments from the Federal 3A-12-9-18 well permit apply to Federal 3A-12-9-18 (Rig Skid) well.

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

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

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules

will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

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

Approved By:

Acting Associate Director, Oil & Gas

Form 3160-3
(August 2007)

RECEIVED
GREEN RIVER DISTRICT
VERNAL FIELD OFFICE

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-84229

6. If Indian, Allotee or Tribe Name
NA

1a. Type of work: ☑ DRILL ☐ REENTER

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

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

8. Lease Name and Well No.
Federal 3A-12-9-18 (Rig Skid)

2. Name of Operator
Newfield Production Company

9. API Well No.

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

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

10. Field and Pool, or Exploratory
Eight Mile Flat

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface NE/NW 660' FNL 1970' FWL
At proposed prod. zone

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 12, T9S R18E

14. Distance in miles and direction from nearest town or post office*
Approximately 23.9 miles southeast of Myton, UT

12. County or Parish
Uintah

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
Approx. 660' f/lse, na' f/unit

16. No. of acres in lease
1,440.32

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
Approx.2640'

19. Proposed Depth
15,629'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4847' GL

22. Approximate date work will start*
3rd Qtr. 2010

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

24. Attachments

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

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

25. Signature
Mandie Crozier

Name *(Printed/Typed)*
Mandie Crozier

Date
8/25/10

Title
Regulatory Specialist

Approved by *(Signature)*

Name *(Printed/Typed)*
James H. Sparger

Date
AUG 26 2010

Title
Acting Assistant Field Manager
Lands & Mineral Resources

Office
VERNAL FIELD OFFICE

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

CONDITIONS OF APPROVAL ATTACHED

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

(Continued on page 2)

*(Instructions on page 2)

NOTICE OF APPROVAL

RECEIVED
SEP 01 2010
DIV. OF OIL, GAS & MINING

UDOGM

NO NOS

10CXS0063A

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

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**NENW, Sec. 12, T9S, R18E**
Well No:	**Federal 3A-12-9-18 Rig Skid**	**Lease No:**	**UTU-84229**
API No:	**43-047-** 51282	**Agreement:**	

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

Site Specific Conditions of Approval:

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.

- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.

- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.

- Lands in this lease have been identified as containing Mountain Plover and Burrowing Owl habitats. Modifications to the Surface Use Plan of Operations may be required in order to protect the Mountain Plover and Burrowing Owl habitats from surface disturbing activities in accordance with Section 6 of the lease term, Endangered Species Act, and 43 CFR 3101.1-2.

- Timing Limitations (for construction and drilling) – **May 15 through June 15** – in order to protect Mountain Plover habitat, and – **April I through August 15** – to protect Burrowing Owl habitat.

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.

- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.

- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.

- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The following seed mix (PLS formula) will be used for interim reclamation:

Crested Wheatgrass (*Agropyron cristatum*)	4 lbs/acre
Shadscale (*Atriplex confertifolia*):	4 lbs/acre
Scarlet Globemallow (*Sphaeralcea coccinea*):	4 lb/acre

  - Rates are set for drill seeding; double the rate if broadcasting.
  - Reseeding may be required if initial seeding is not successful.

- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.

- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.

- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.
- Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
- Be aware that fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.
- **Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF, or other).**
- The conductor pipe shall be set and cemented in a competent formation.
- All BOPE including the annular preventer shall be rated for 10M. A 5M annular preventer **is not** acceptable. Contact Acting Assistant Field Manager Lands & Mineral Resources Jamie Sparger at (435) 828-3913 24 hours prior to testing.
- A surface casing shoe integrity test shall be performed.
- Production casing cement shall be a minimum 200 feet inside the surface casing. A CBL shall be run from TD to top of cement and a field copy shall be sent to this field office.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a

test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

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

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

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

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

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

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

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

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

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

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

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

OPERATING REQUIREMENT REMINDERS:

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

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

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

    - Operator name, address, and telephone number.
    - Well name and number.
    - Well location (¼¼, Sec., Twn, Rng, and P.M.).
    - Date well was placed in a producing status (date of first production for which royalty will be paid).
    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
    - Unit agreement and/or participating area name and number, if applicable.
    - Communitization agreement number, if applicable.

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

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

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4.

Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

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

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

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

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

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

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

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

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross #21
Submitted By Mitch Benson Phone Number (435) 823-5885
Name/Numer FEDERAL 3A-12-9-18
Qtr/Qrt NE/NW Section 12 Township 9S Range 18E
Lease Serial Number UTU-84229
API Number ~~N/A~~ 43-047-51282

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

Date/Time 8/28/2010 8:00:00 AM

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

X Surface Casing
Intermediate
Production Casing
Liner
Other

Date/Time 8/28/2010 3:00:00 PM

Remarks: This is a rig skid from the Federal 3-12-9-18.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

R

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	~~17774~~ 17400	4304751282	FEDERAL 3A-12-9-18	NENW	12	9S	18E	UINTAH	8/28/2010	9/8/10

WELL 1 COMMENTS: Rig skid from 43-047-36465 MNCS not in GMBU

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17767	4301350310	UTE TRIBAL 7-22-4-3	SWNE	22	4S	3W	DUCHESNE	8/27/2010	9/7/10

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
A	99999	17768	4301350362	UTE TRIBAL 13-23-4-3	SWSW	23	4S	3W	DUCHESNE	8/26/2010	9/7/10

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17769	4304751167	SCHWAB-STOLLMACK 4-24-4-1W	NWNW	24	4S	1W	UINTAH	8/31/2010	9/7/10

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301334251	FEDERAL 10-35-8-15	NWSE	35	8S	15E	DUCHESNE	8/30/2010	9/7/10

WELL 5 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301334204	W POINT FED 11-31-8-16	NESW	31	8S	16E	DUCHESNE	8/31/2010	9/7/10

WELL 5 COMMENTS: GRRV

ACTION CODES (See instructions on back of form)
- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

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

RECEIVED
SEP 07 2010
DIV. OF OIL, GAS & MINING

Signature: Jentri Park
Production Clerk
09/01/10
Date

FORM 3160-5
(August 20[illegible])

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

5. Lease Serial No.
USA UTU-84229

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
GREATER MB 3A-12-9-18

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4304751282

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

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
GREATER MB UNIT

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Section 12 T9S R18E

11. County or Parish, State
UINTAH, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Spud Notice
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to Injector	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 8/28/10 MIRU Ross # 21. Spud well @ 8:00 AM. Drill 240' of 17 1/2" hole with air mist. TIH W/ 5 Jt's 13 3/8" J-55 54.5# casing. Set @ 240.48' KB. On 8/29/10 cement with 225 sks of class "G" w/ 2% CaCL2 + 1/4# per sk Cello Flake mixed @ 15.8 ppg with 1.17 cf/sk yield. Returned 9 bbls cement to pit. No plug was used between the cement and displacement water. Displaced with 29.4 bbls of water. WOC.

I hereby certify that the foregoing is true and correct *(Printed/ Typed)* Mitch Benson	Title Drilling Foreman
Signature Mitch Benson	Date 09/07/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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

(Instructions on page 2)

RECEIVED
SEP 13 2010
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

13 3/8" CASING SET AT **240.48**

LAST CASING **20"** SET AT **6**
DATUM **12**
DATUM TO CUT OFF CASING **12**
DATUM TO BRADENHEAD FLANGE **12**
TD DRILLER **240** LOGGER
HOLE SIZE **17 1/2"**

OPERATOR **Newfield Exploration Company**
WELL **GREATER MB 3A-12-9-18**
FIELD/PROSPECT **Monument Butte**
CONTRACTOR & RIG # **Ross Rig #21**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1	13 3/8"	Well Head				A	0.95
5	13 3/8"	STC Casing (45.76' shoe joint)	54.5	J-55	STC	A	228.63
1	13 3/8"	Guide Shoe				A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	230.48	5
LESS NON CSG. ITEMS	1.85	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	228.63	5
TOTAL CSG. DEL. (W/O THRDS)	228.63	5
TIMING		
BEGIN RUN CSG. Spud	8:00 AM	8/28/2010
CSG. IN HOLE	6:00 PM	8/28/2010
BEGIN CIRC	3:26 PM	8/29/2010
BEGIN PUMP CMT	3:42 PM	8/29/2010
BEGIN DSPL. CMT	3:59 PM	8/29/2010
PLUG DOWN		

TOTAL LENGTH OF STRING	230.48
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	**240.48**

} COMPARE

GOOD CIRC THRU JOB Yes
Bbls CMT CIRC TO SURFACE 9
RECIPROCATED PIPI No

BUMPED PLUG TO

CEMENT USED		CEMENT COMPANY- **BJ Services**
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	225	Class "G" + 2% CaCl2 + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield.
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Middel of first, top of second, and third for a total of three.		

COMPANY REPRESENTATIVE **Mitch Benson** DATE **8/29/2010**

API Well No: 43047512820000

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: UTU-84229

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: GREATER MON BUTTE 3A-12-9-18H (RIGSK

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047512820000

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

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: EIGHT MILE FLAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0668 FNL 1971 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 12 Township: 09.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 2/2/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: APD Change

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

Newfield requests to amend the above mentioned APD. This well will now be drilled as a Horizontal Well. The name for this well will now be the Greater Monument Butte 3A-12-9-18H. The new proposed footages are as follows: At Surface: NE/NW 668' FNL and 1971' FWL Sec. 12, T9S R18E At Proposed Zone (B.H.): SE/SE 110' FSL and 225' FEL Sec. 11, T9S R18E The new APD package is attached. We also request that "Tight Hole Status" be placed on this well at this time

Approved by the Utah Division of Oil, Gas and Mining

Date: 03/01/2011

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 2/2/2011

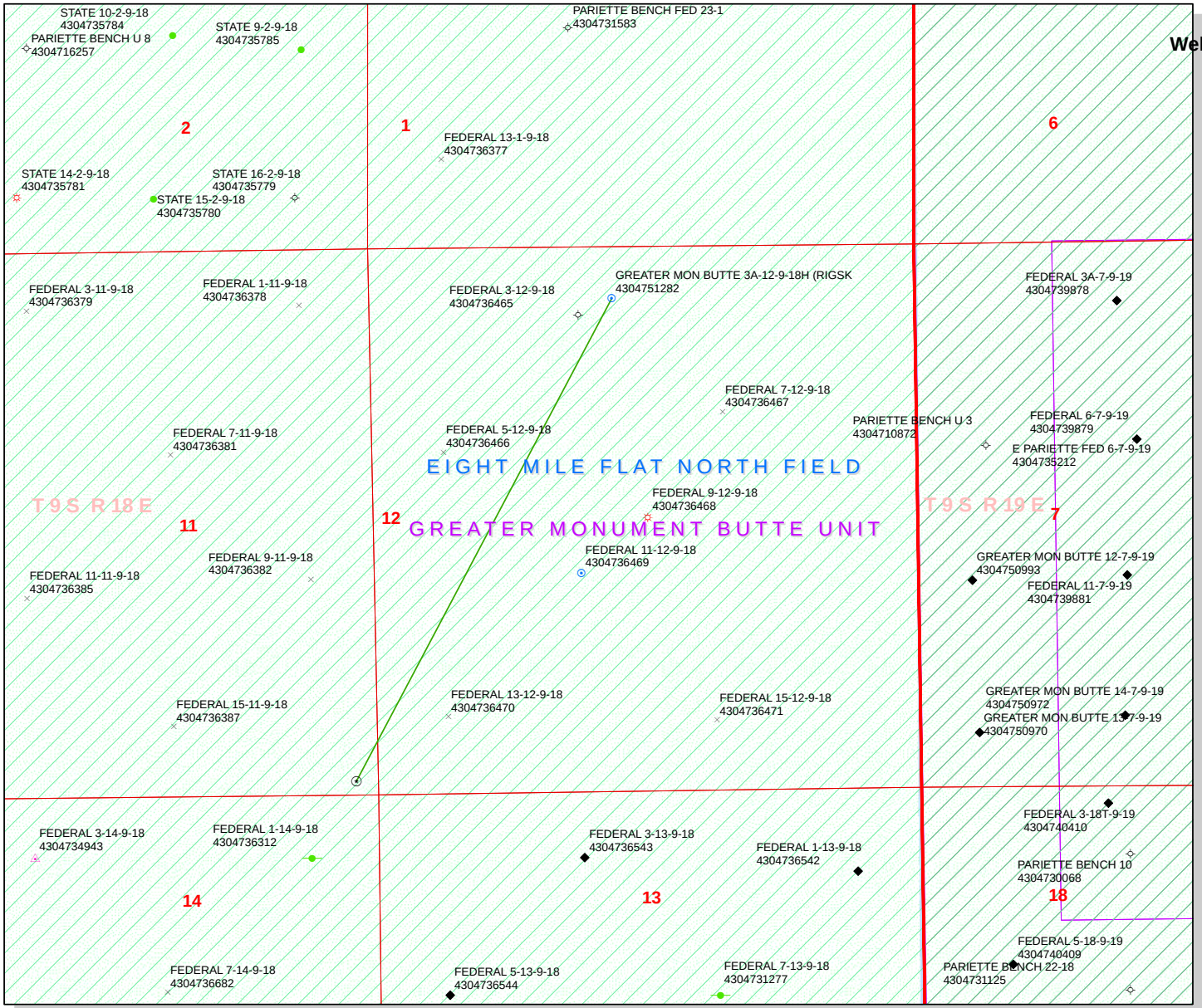
The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047512820000

In accordance with Utah Admin. R.649-3-21, 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.



API Number: 4304751282

Well Name: GREATER MON BUTTE 3A-12-9-18H (RIGSK

Township 09.0 S Range 18.0 E Section 12

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED
- Sections
- Township

Wells Query

Status

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

1,250 625 0 1,250 Feet

1:12,000

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

February 14, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following horizontal well is planned for calendar year 2011 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-047-51282	GMBU 3A-12-9-18H	Sec 12 T09S R18E 0668 FNL 1971 FWL Lateral 1 Sec 11 T09S R18E 0110 FSL 0225 FEL

This office has no objection to permitting the well at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.02.14 08:20:41 -07'00'

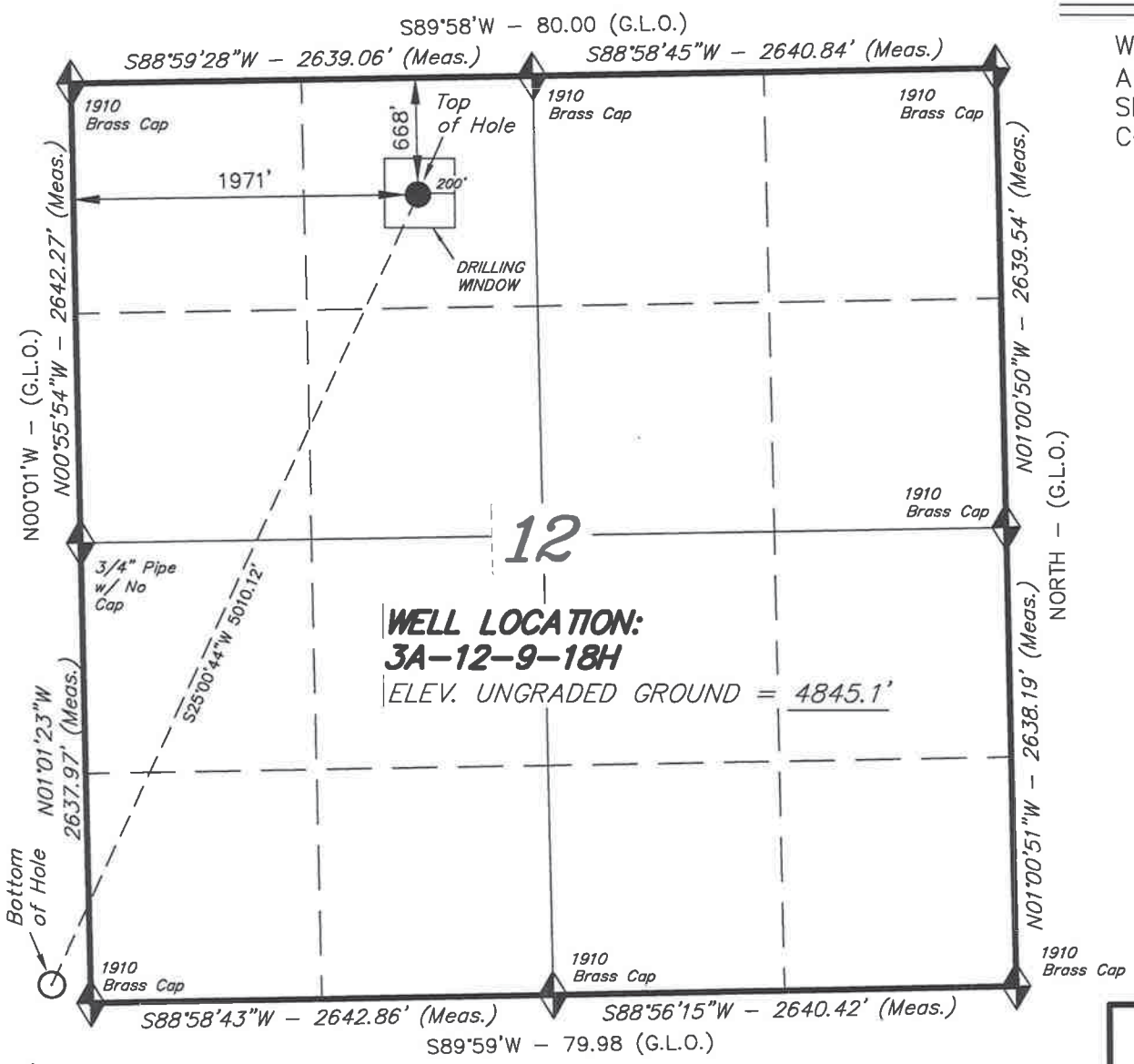
bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

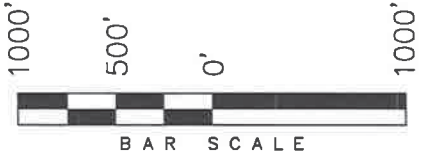
MCoulthard:mc:2-14-11

T9S, R18E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 3A–12–9–18H, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 12, T9S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.





NOTES:

1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*
3. *The Bottom of Hole footages are 110' FSL & 225' FEL. Section 11, T9S, R18E.*

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

REGISTERED LAND SURVEYOR No.189377 STATE OF UTAH

STACY W. STEWART

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

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

3–12–9–18
(Surface Location) NAD 83
LATITUDE = 40° 03' 02.80"
LONGITUDE = 109° 50' 39.60"

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

DATE SURVEYED: 11–07–10	SURVEYED BY: C.M.
DATE DRAWN: 11–08–10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD

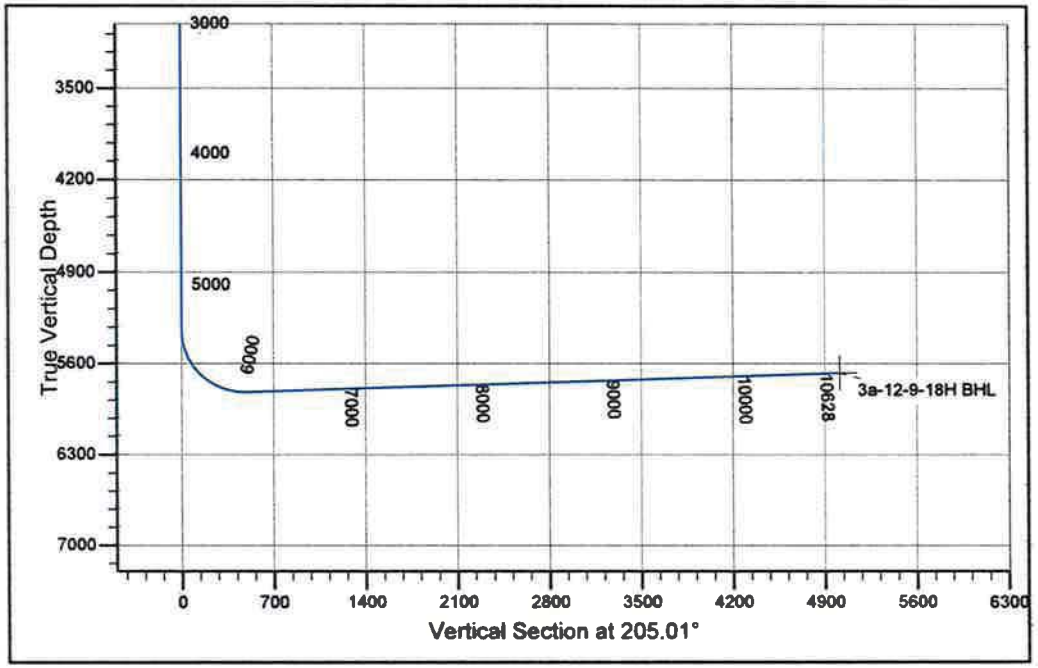
ROCKY MOUNTAINS

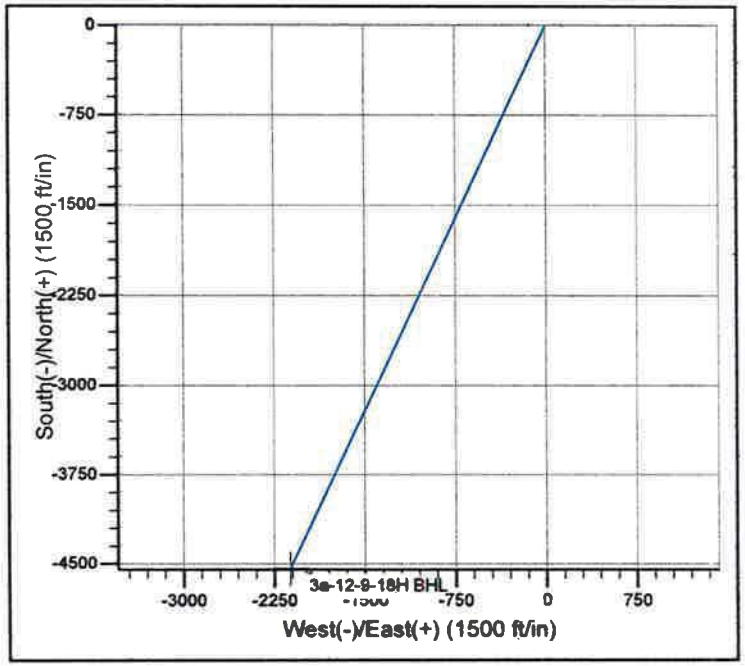
Newfield Production Company

Project: Monument Butte
Site: 3A-12-9-18H
Well: 3A-12-9-18H
Wellbore: Wellbore #1
Design: Design #1

T M Azimuths to True North
Magnetic North: 11.39°

Magnetic Field
Strength: 52485.1snT
Dip Angle: 65.89°
Date: 12/31/2009
Model: IGRF200510





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	
2	5342.6	0.00	0.00	5342.6	0.0	0.0	0.00	0.00	0.0	
3	6108.5	91.90	205.01	5819.8	-447.0	-208.6	12.00	205.01	493.3	
4	10627.8	91.90	205.01	5670.0	-4540.3	-2118.3	0.00	0.00	5010.1	3a-12-9-18H BHL

Created by: Hans Wychgram

Date: 1-26-11

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

NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE 3A-12-9-18H
SHL: NE/NW SECTION 12, T9S, R18E
BHL: SE/SE SECTION 11, T9S, R18E
UINTAH 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. The well will be drilled vertically to a kick off point of 5,343'. Directional tools will then be used to build to 91.90° 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	1,325'
Target (Basal Carbonate)	5,670'
TD	5,670' TVD / 10,628' MD

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

Green River Formation (Oil) 3,970' – 5,670' 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 Iron (Fe) (ug/l)
Dissolved Magnesium (Mg) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)
Dissolved Calcium (Ca) (mg/l)
Dissolved Sodium (Na) (mg/l)
Dissolved Carbonate (CO_3) (mg/l)
Dissolved Chloride (Cl) (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'	300'	24.0	J-55	STC	8.33	8.33	12.0	17.07	13.71	33.89
Production 5-1/2"	0'	10,628'	17.0	N-80	LTC	8.3	8.5	--	4.10	3.24	2.38

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 assumer 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 / Sacks	OH Excess	Weight (ppg)	Yield (ft3/sk)
Surface	12-1/4"	300'	Class G w/ 2% $CaCl_2$, 0.25 lbs/sk Cello Flake	142 / 122	15%	15.8	1.17
Production Lead	7-7/8"	3,970'	Premium Lite II w/ 3% KCl, 10% bentonite	791 / 243	15%	15.8	3.26
Production Tail	7-7/8"	1,373'	50/50 Poz/Class G w/ 3% KCl, 2% bentonite	274 / 221	15%	14.3	1.24

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

Cement for the production casing 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 Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM 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.

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.

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 Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager 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.

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

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 300', an air system will be used. From 300' 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 BLM approval to ensure adequate protection of fresh aquifers.

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

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

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: Top of the curve – 3,970'
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.

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

There is no abnormal pressure or temperature expected. Maximum anticipated bottomhole pressure will be approximately equal total true vertical 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 18 days.
Completion Days:	Approximately 12 - 20 days.

b. Notification of Operations

The Vernal BLM office will be notified at least 24 hours **prior** to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), 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 BLM 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 BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office 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 Vernal BLM 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", Form 3160-5, 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.

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

2-M SYSTEM

Blowout Prevention Equipment Systems

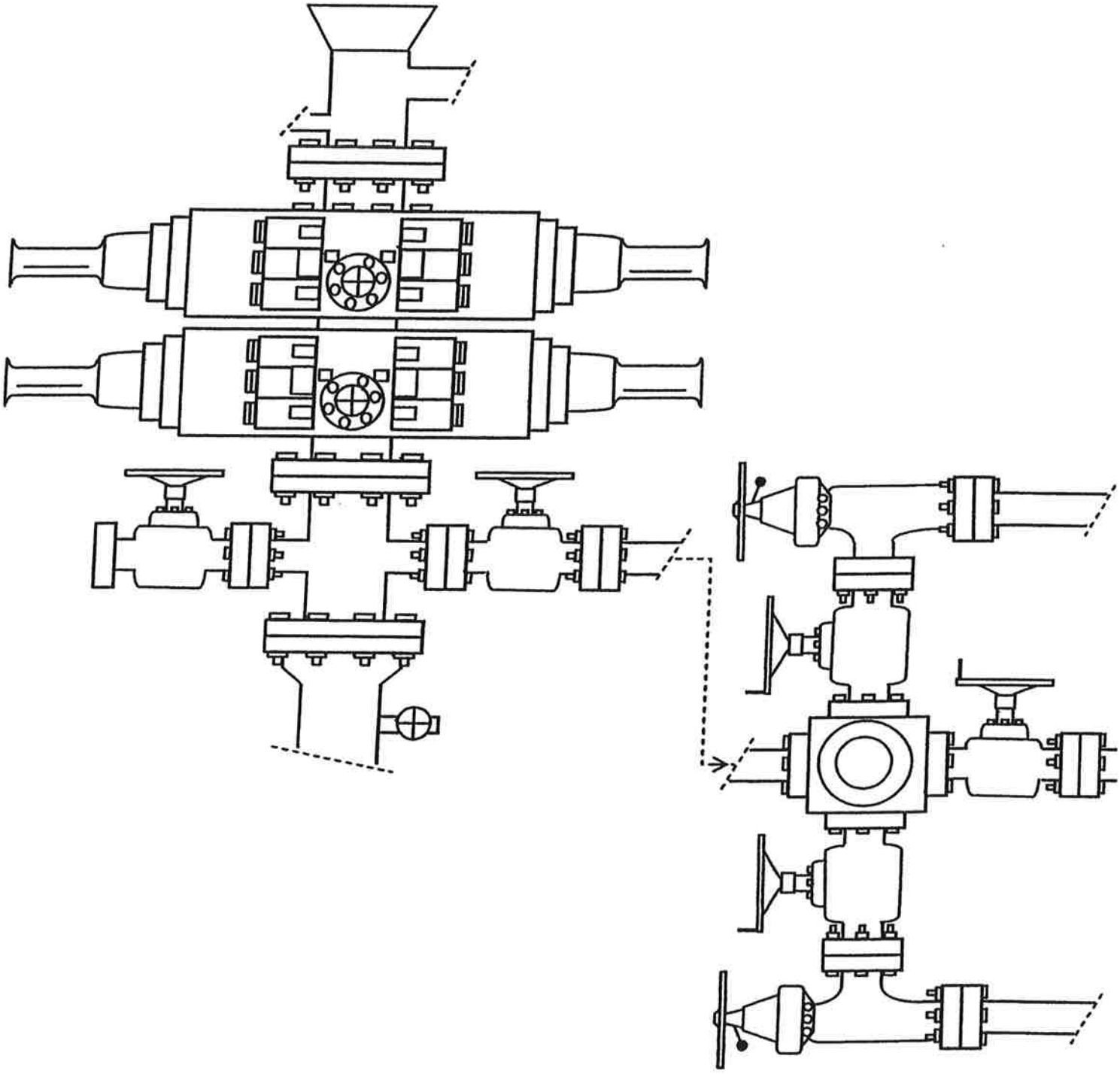


EXHIBIT C

NEWFIELD

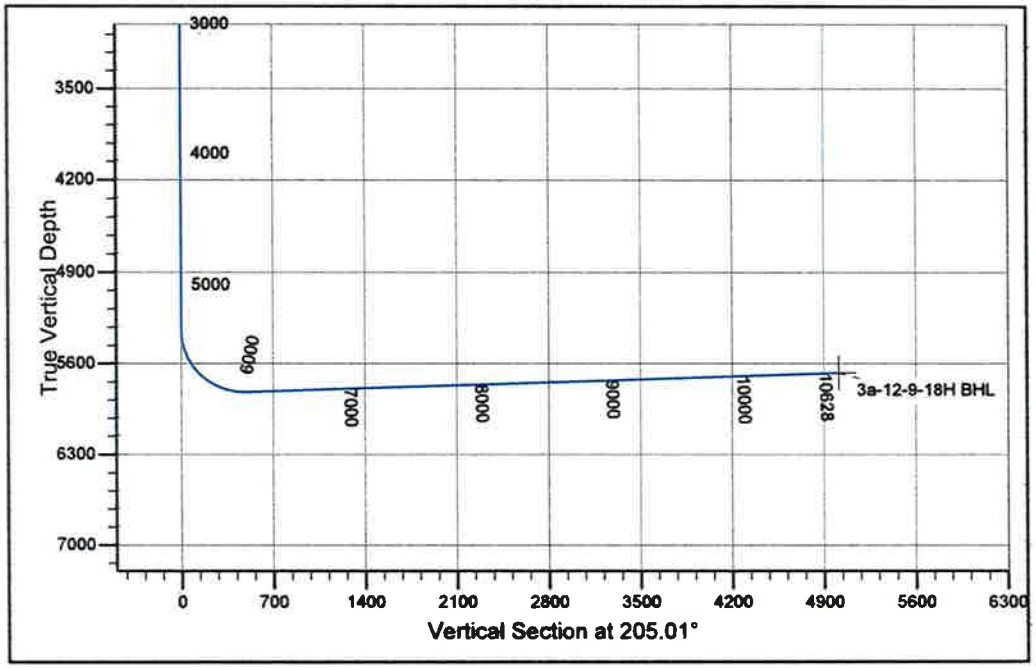
ROCKY MOUNTAINS

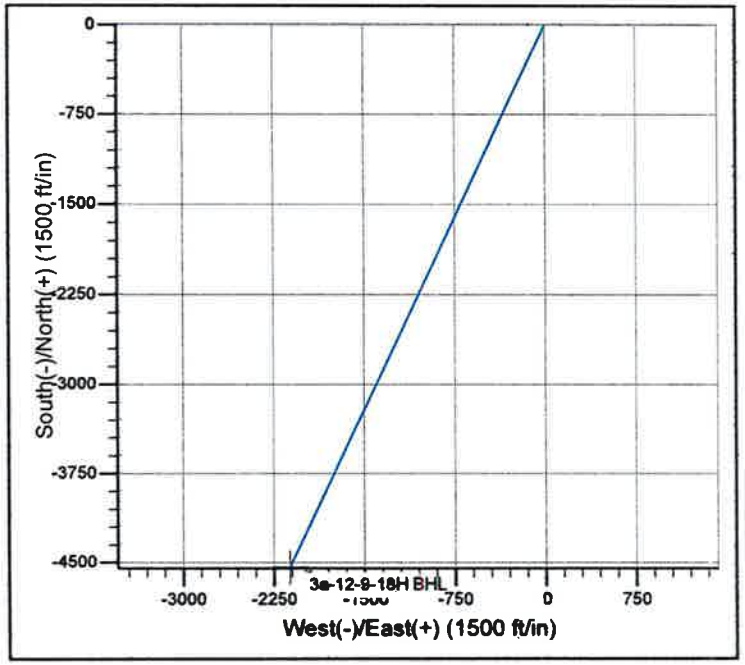
Newfield Production Company

Project: Monument Butte
Site: 3A-12-9-18H
Well: 3A-12-9-18H
Wellbore: Wellbore #1
Design: Design #1

T M Azimuths to True North
Magnetic North: 11.39°

Magnetic Field
Strength: 52485.1snT
Dip Angle: 65.89°
Date: 12/31/2009
Model: IGRF200510





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	
2	5342.6	0.00	0.00	5342.6	0.0	0.0	0.00	0.00	0.0	
3	6108.5	91.90	205.01	5819.8	-447.0	-208.6	12.00	205.01	493.3	
	410627.8	91.90	205.01	5670.0	-4540.3	-2118.3	0.00	0.00	5010.1	3a-12-9-18H BHL

Created by: Hans Wychgram

Date: 1-26-11

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

Newfield Exploration
Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 3A-12-9-18H
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 4857.0ft (Capstar #329)
Project:	Monument Butte	**MD Reference:**	RKB @ 4857.0ft (Capstar #329)
Site:	3A-12-9-18H	**North Reference:**	True
Well:	3A-12-9-18H	**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	3A-12-9-18H				
Site Position:		**Northing:**	2,191,976.35 m	**Latitude:**	40° 3' 2.800 N
From:	Lat/Long	**Easting:**	641,257.62 m	**Longitude:**	109° 50' 39.600 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	in	**Grid Convergence:**	1.06 °

Well	3A-12-9-18H					
Well Position	**+N/-S**	0.0 ft	**Northing:**	2,191,976.35 m	**Latitude:**	40° 3' 2.800 N
	+E/-W	0.0 ft	**Easting:**	641,257.62 m	**Longitude:**	109° 50' 39.600 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	4,845.0 ft

Wellbore	Wellbore #1			
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	12/31/2009	11.40	65.89	52,485

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)**	**Direction (°)**	
	0.0	0.0	0.0	205.01	

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	
5,342.6	0.00	0.00	5,342.6	0.0	0.0	0.00	0.00	0.00	0.00	
6,108.5	91.90	205.01	5,819.8	-447.0	-208.6	12.00	12.00	0.00	205.01	
10,627.8	91.90	205.01	5,670.0	-4,540.3	-2,118.3	0.00	0.00	0.00	0.00	3a-12-9-18H BHL

Newfield Exploration
Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 3A-12-9-18H
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 4857.0ft (Capstar #329)
Project:	Monument Butte	**MD Reference:**	RKB @ 4857.0ft (Capstar #329)
Site:	3A-12-9-18H	**North Reference:**	True
Well:	3A-12-9-18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	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
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2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
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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
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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
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

Newfield Exploration
Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 3A-12-9-18H
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 4857.0ft (Capstar #329)
Project:	Monument Butte	**MD Reference:**	RKB @ 4857.0ft (Capstar #329)
Site:	3A-12-9-18H	**North Reference:**	True
Well:	3A-12-9-18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,342.6	0.00	0.00	5,342.6	0.0	0.0	0.0	0.00	0.00	0.00
5,400.0	6.88	205.01	5,399.9	-3.1	-1.5	3.4	12.00	12.00	0.00
5,500.0	18.88	205.01	5,497.2	-23.3	-10.9	25.7	12.00	12.00	0.00
5,600.0	30.88	205.01	5,587.7	-61.4	-28.6	67.7	12.00	12.00	0.00
5,700.0	42.88	205.01	5,667.6	-115.6	-54.0	127.6	12.00	12.00	0.00
5,800.0	54.88	205.01	5,733.2	-183.8	-85.7	202.8	12.00	12.00	0.00
5,900.0	66.88	205.01	5,781.8	-262.8	-122.6	290.0	12.00	12.00	0.00
6,000.0	78.88	205.01	5,811.1	-349.3	-163.0	385.4	12.00	12.00	0.00
6,100.0	90.88	205.01	5,820.0	-439.4	-205.0	484.8	12.00	12.00	0.00
6,108.5	91.90	205.01	5,819.8	-447.0	-208.6	493.3	12.00	12.00	0.00
6,200.0	91.90	205.01	5,816.8	-529.9	-247.2	584.8	0.00	0.00	0.00
6,300.0	91.90	205.01	5,813.5	-620.5	-289.5	684.7	0.00	0.00	0.00
6,400.0	91.90	205.01	5,810.2	-711.1	-331.8	784.7	0.00	0.00	0.00
6,500.0	91.90	205.01	5,806.9	-801.6	-374.0	884.6	0.00	0.00	0.00
6,600.0	91.90	205.01	5,803.5	-892.2	-416.3	984.6	0.00	0.00	0.00
6,700.0	91.90	205.01	5,800.2	-982.8	-458.5	1,084.5	0.00	0.00	0.00
6,800.0	91.90	205.01	5,796.9	-1,073.4	-500.8	1,184.4	0.00	0.00	0.00
6,900.0	91.90	205.01	5,793.6	-1,163.9	-543.1	1,284.4	0.00	0.00	0.00
7,000.0	91.90	205.01	5,790.3	-1,254.5	-585.3	1,384.3	0.00	0.00	0.00
7,100.0	91.90	205.01	5,787.0	-1,345.1	-627.6	1,484.3	0.00	0.00	0.00
7,200.0	91.90	205.01	5,783.6	-1,435.7	-669.8	1,584.2	0.00	0.00	0.00
7,300.0	91.90	205.01	5,780.3	-1,526.2	-712.1	1,684.2	0.00	0.00	0.00
7,400.0	91.90	205.01	5,777.0	-1,616.8	-754.3	1,784.1	0.00	0.00	0.00
7,500.0	91.90	205.01	5,773.7	-1,707.4	-796.6	1,884.1	0.00	0.00	0.00
7,600.0	91.90	205.01	5,770.4	-1,797.9	-838.9	1,984.0	0.00	0.00	0.00
7,700.0	91.90	205.01	5,767.1	-1,888.5	-881.1	2,084.0	0.00	0.00	0.00
7,800.0	91.90	205.01	5,763.8	-1,979.1	-923.4	2,183.9	0.00	0.00	0.00
7,900.0	91.90	205.01	5,760.4	-2,069.7	-965.6	2,283.8	0.00	0.00	0.00
8,000.0	91.90	205.01	5,757.1	-2,160.2	-1,007.9	2,383.8	0.00	0.00	0.00
8,100.0	91.90	205.01	5,753.8	-2,250.8	-1,050.2	2,483.7	0.00	0.00	0.00
8,200.0	91.90	205.01	5,750.5	-2,341.4	-1,092.4	2,583.7	0.00	0.00	0.00
8,300.0	91.90	205.01	5,747.2	-2,431.9	-1,134.7	2,683.6	0.00	0.00	0.00
8,400.0	91.90	205.01	5,743.9	-2,522.5	-1,176.9	2,783.6	0.00	0.00	0.00
8,500.0	91.90	205.01	5,740.5	-2,613.1	-1,219.2	2,883.5	0.00	0.00	0.00
8,600.0	91.90	205.01	5,737.2	-2,703.7	-1,261.4	2,983.5	0.00	0.00	0.00
8,700.0	91.90	205.01	5,733.9	-2,794.2	-1,303.7	3,083.4	0.00	0.00	0.00
8,800.0	91.90	205.01	5,730.6	-2,884.8	-1,346.0	3,183.3	0.00	0.00	0.00
8,900.0	91.90	205.01	5,727.3	-2,975.4	-1,388.2	3,283.3	0.00	0.00	0.00
9,000.0	91.90	205.01	5,724.0	-3,065.9	-1,430.5	3,383.2	0.00	0.00	0.00
9,100.0	91.90	205.01	5,720.7	-3,156.5	-1,472.7	3,483.2	0.00	0.00	0.00
9,200.0	91.90	205.01	5,717.3	-3,247.1	-1,515.0	3,583.1	0.00	0.00	0.00
9,300.0	91.90	205.01	5,714.0	-3,337.7	-1,557.2	3,683.1	0.00	0.00	0.00
9,400.0	91.90	205.01	5,710.7	-3,428.2	-1,599.5	3,783.0	0.00	0.00	0.00
9,500.0	91.90	205.01	5,707.4	-3,518.8	-1,641.8	3,883.0	0.00	0.00	0.00
9,600.0	91.90	205.01	5,704.1	-3,609.4	-1,684.0	3,982.9	0.00	0.00	0.00
9,700.0	91.90	205.01	5,700.8	-3,700.0	-1,726.3	4,082.9	0.00	0.00	0.00
9,800.0	91.90	205.01	5,697.4	-3,790.5	-1,768.5	4,182.8	0.00	0.00	0.00
9,900.0	91.90	205.01	5,694.1	-3,881.1	-1,810.8	4,282.7	0.00	0.00	0.00
10,000.0	91.90	205.01	5,690.8	-3,971.7	-1,853.1	4,382.7	0.00	0.00	0.00
10,100.0	91.90	205.01	5,687.5	-4,062.2	-1,895.3	4,482.6	0.00	0.00	0.00
10,200.0	91.90	205.01	5,684.2	-4,152.8	-1,937.6	4,582.6	0.00	0.00	0.00
10,300.0	91.90	205.01	5,680.9	-4,243.4	-1,979.8	4,682.5	0.00	0.00	0.00
10,400.0	91.90	205.01	5,677.6	-4,334.0	-2,022.1	4,782.5	0.00	0.00	0.00
10,500.0	91.90	205.01	5,674.2	-4,424.5	-2,064.3	4,882.4	0.00	0.00	0.00

Newfield Exploration
Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 3A-12-9-18H
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 4857.0ft (Capstar #329)
Project:	Monument Butte	**MD Reference:**	RKB @ 4857.0ft (Capstar #329)
Site:	3A-12-9-18H	**North Reference:**	True
Well:	3A-12-9-18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

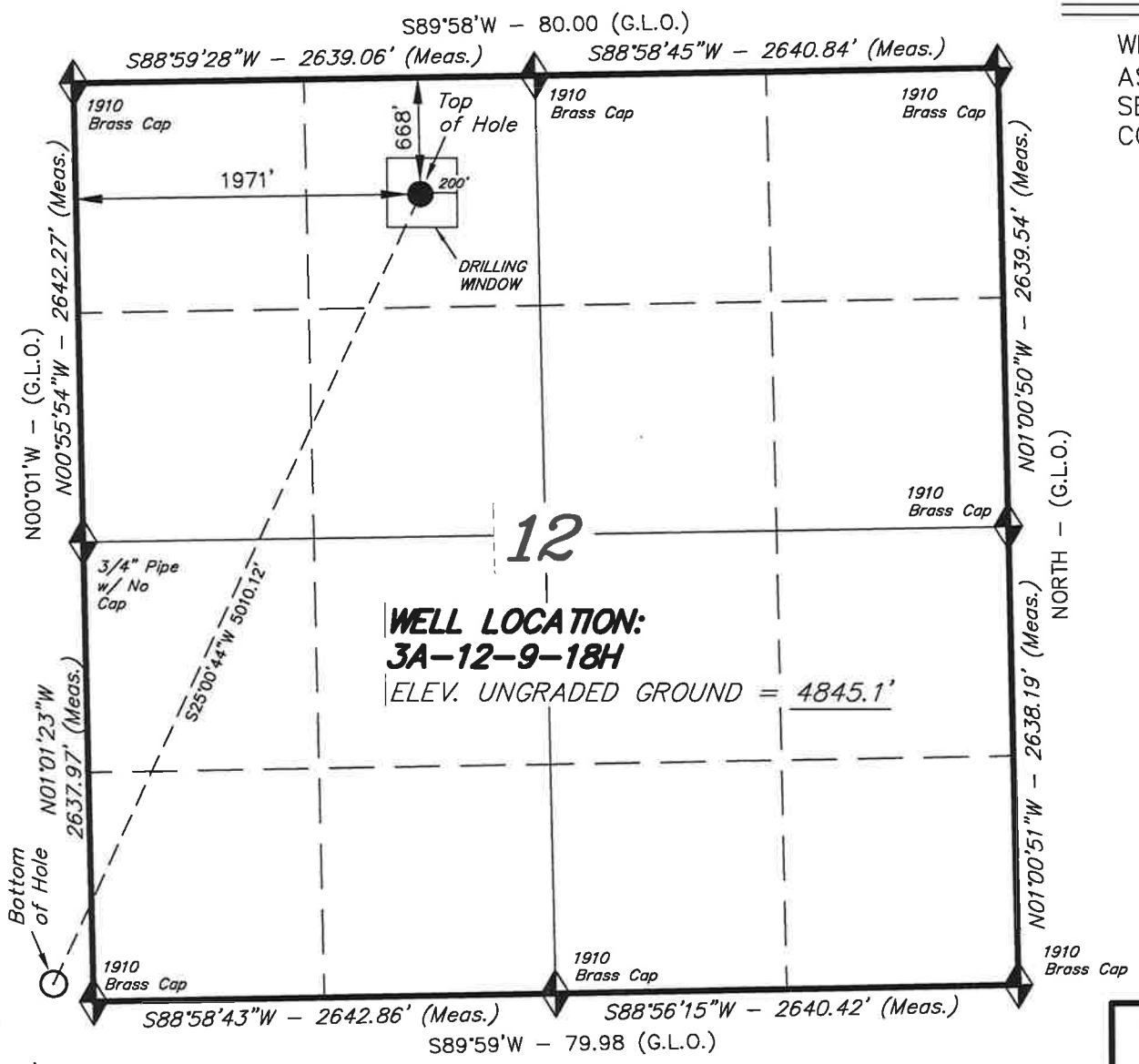
Planned Survey

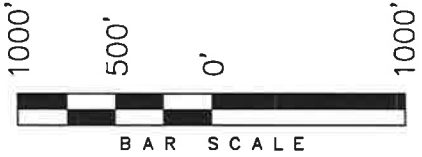
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,600.0	91.90	205.01	5,670.9	-4,515.1	-2,106.6	4,982.4	0.00	0.00	0.00
10,627.8	91.90	205.01	5,670.0	-4,540.3	-2,118.3	5,010.1	0.00	0.00	0.00
3a-12-9-18H BHL									

T9S, R18E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 3A-12-9-18H, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 12, T9S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.





NOTES:

1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*
3. *The Bottom of Hole footages are 110' FSL & 225' FEL. Section 11, T9S, R18E.*

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

REGISTERED LAND SURVEYOR No.189377 STATE OF UTAH

STACY W. STEWART

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

= SECTION CORNERS LOCATED

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

3-12-9-18
(Surface Location) NAD 83
LATITUDE = 40° 03' 02.80"
LONGITUDE = 109° 50' 39.60"

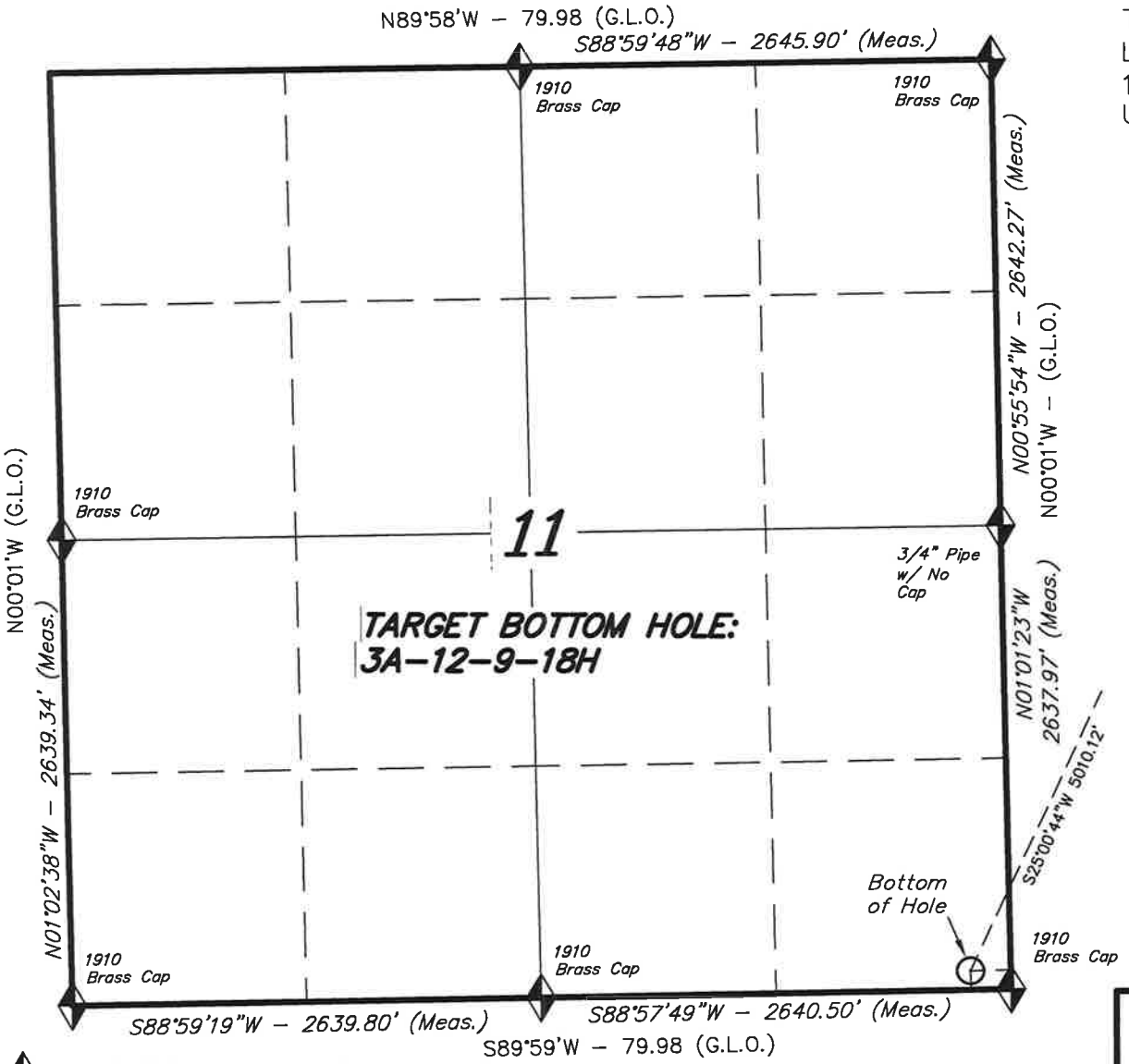
TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-07-10	SURVEYED BY: C.M.
DATE DRAWN: 11-08-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

T9S, R18E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

TARGET BOTTOM HOLE, 3A–12–9–18H, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 11, T9S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.



NOTES:

1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*
3. *The Bottom of Hole footages are 110' FSL & 225' FEL.*

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

REGISTERED LAND SURVEYOR No.189377 STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

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

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

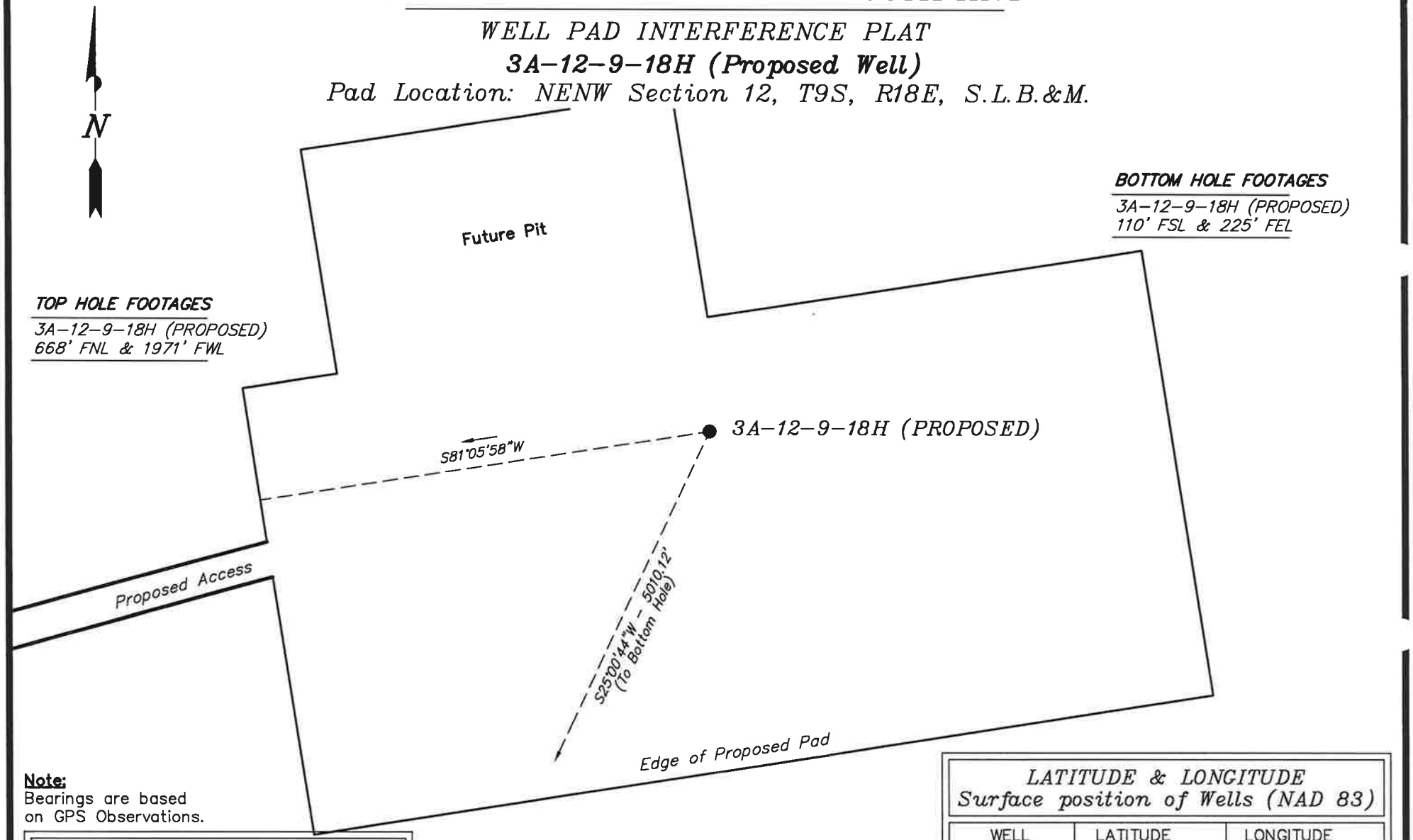
DATE SURVEYED: 11–07–10	SURVEYED BY: C.M.
DATE DRAWN: 11–08–10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

3A-12-9-18H (Proposed Well)

Pad Location: NENW Section 12, T9S, R18E, S.L.B.&M.



Note:
Bearings are based on GPS Observations.

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
3A-12-9-18H	-4,540'	-2,118'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
3A-12-9-18H	40° 03' 02.80"	109° 50' 39.60"

SURVEYED BY:	C.M.	DATE SURVEYED:	11-07-10
DRAWN BY:	M.W.	DATE DRAWN:	11-08-10
SCALE:	1" = 60'	REVISED:	

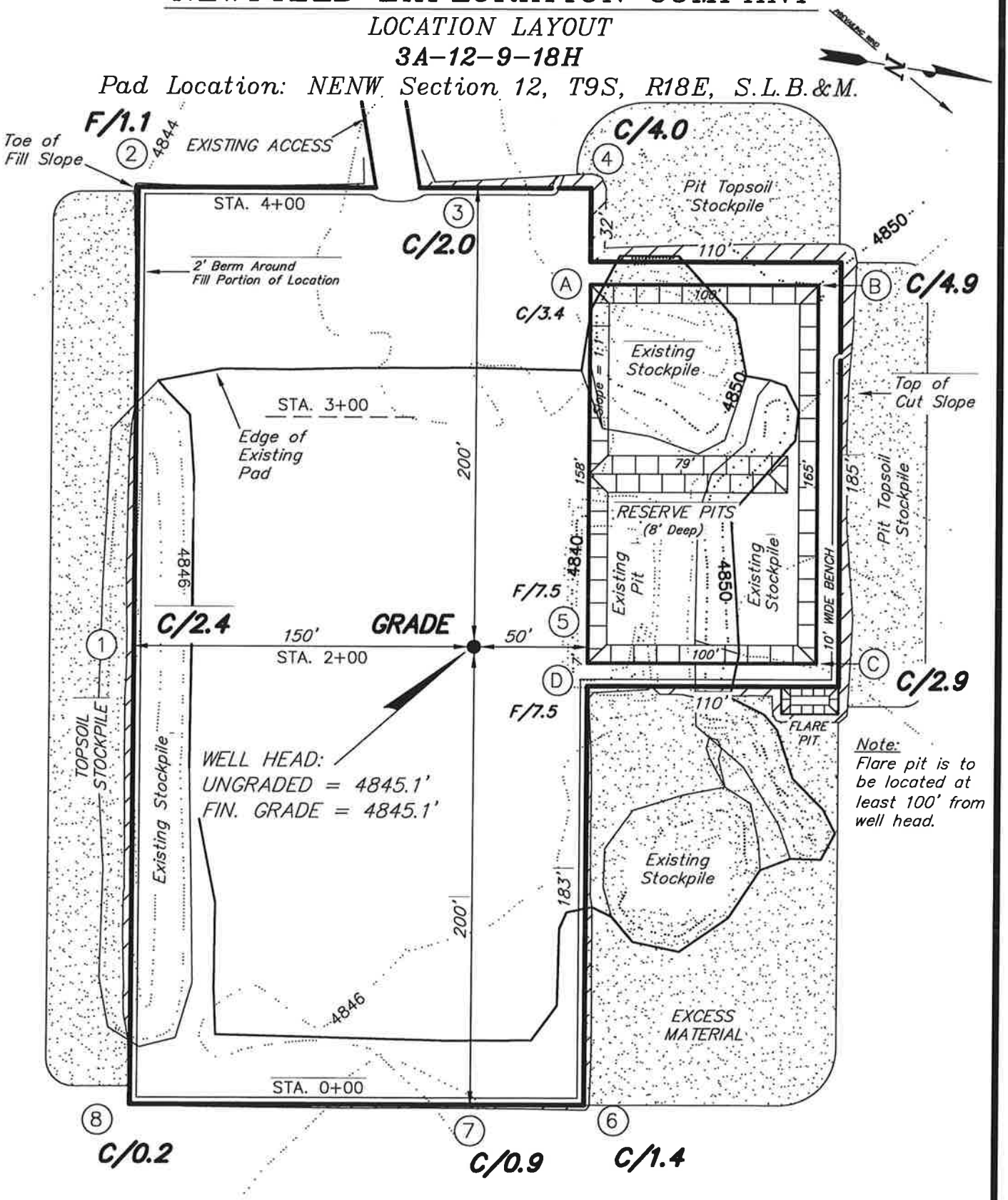
Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

3A-12-9-18H

Pad Location: NENW Section 12, T9S, R18E, S.L.B.&M.



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

NOTE:
RELOCATE EXISTING STOCKPILES TO DESIGNATED AREAS.

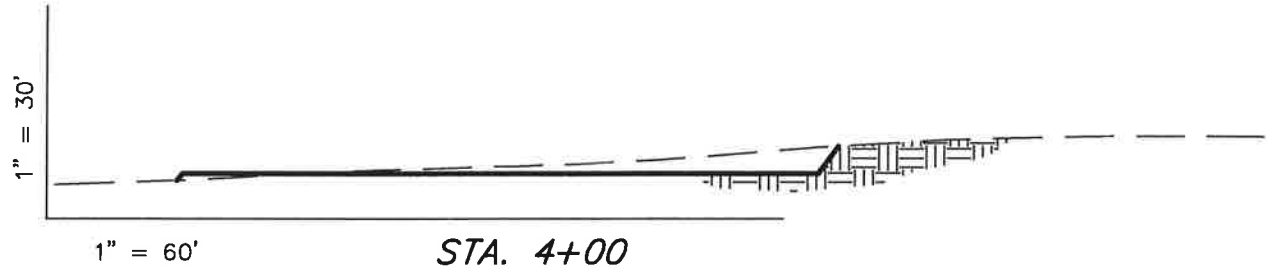
SURVEYED BY: C.M.	DATE SURVEYED:	11-07-10	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: M.W.	DATE DRAWN:	11-08-10	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

NEWFIELD EXPLORATION COMPANY

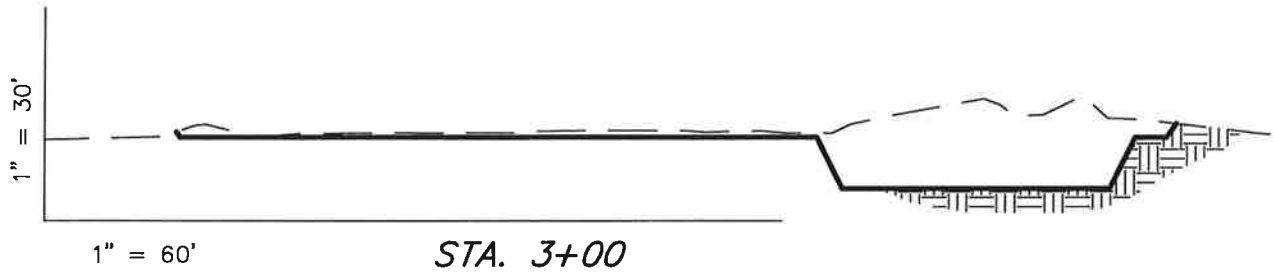
CROSS SECTIONS

3A-12-9-18H

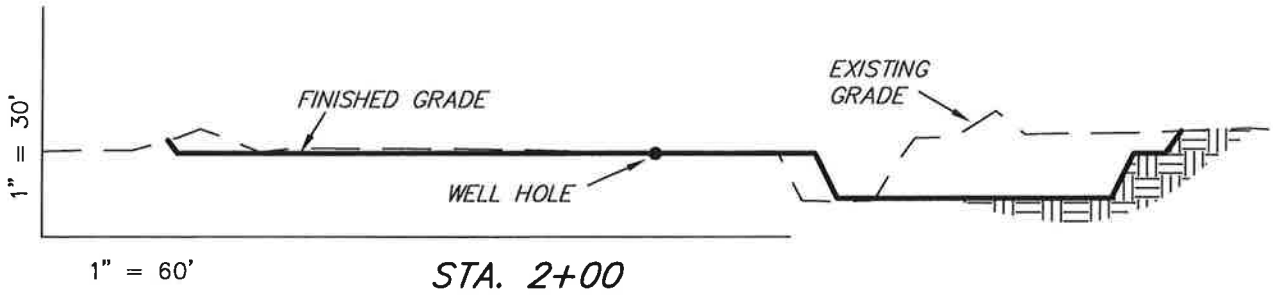
Pad Location: NENW Section 12, T9S, R18E, S.L.B.&M.



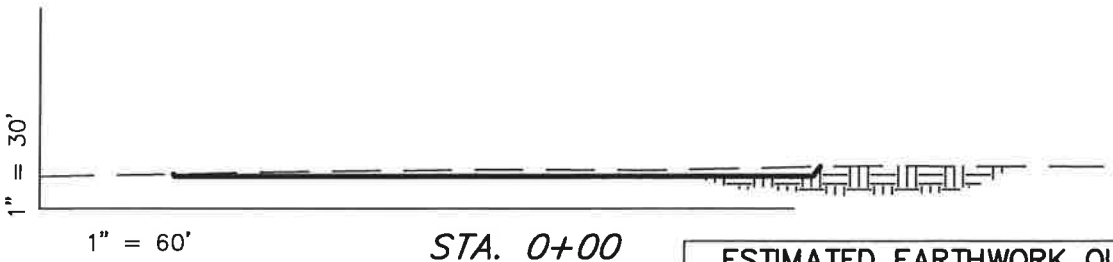
STA. 4+00



STA. 3+00



STA. 2+00



STA. 0+00

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	4,940	320	Topsoil is not included in Pad Cut	4,620
PIT	4,100	0		4,100
TOTALS	9,040	320	850	8,720

SURVEYED BY: C.M.	DATE SURVEYED:	11-07-10	
DRAWN BY: M.W.	DATE DRAWN:	11-08-10	
SCALE: 1" = 60'	REVISED:		

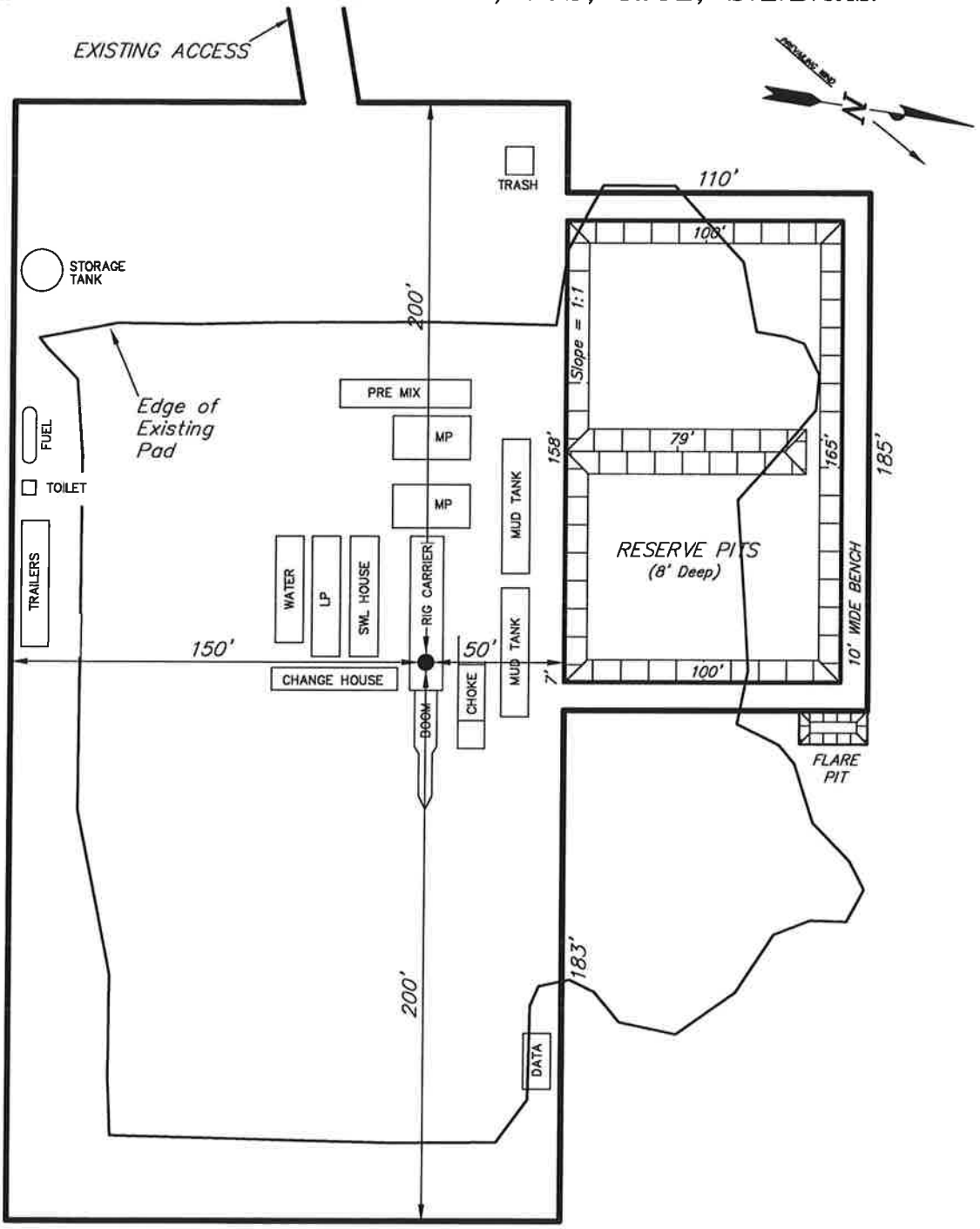
Tri State Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

3A-12-9-18H

Pad Location: NENW Section 12, T9S, R18E, S.L.B.&M.



SURVEYED BY: C.M.	DATE SURVEYED: 11-07-10	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 11-08-10	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
SCALE: 1" = 60'	REVISED:		

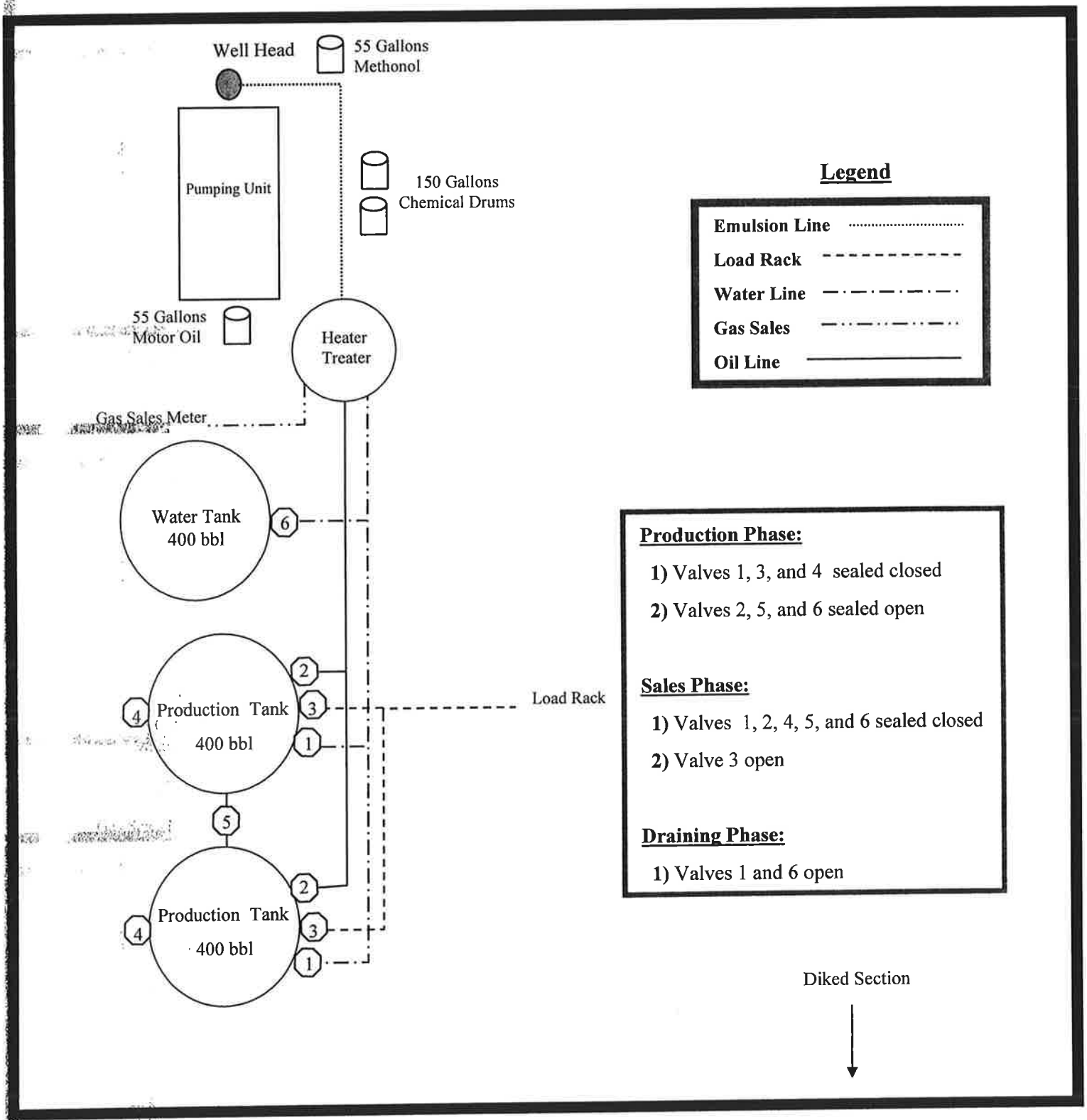
Newfield Production Company
Proposed Site Facility Diagram

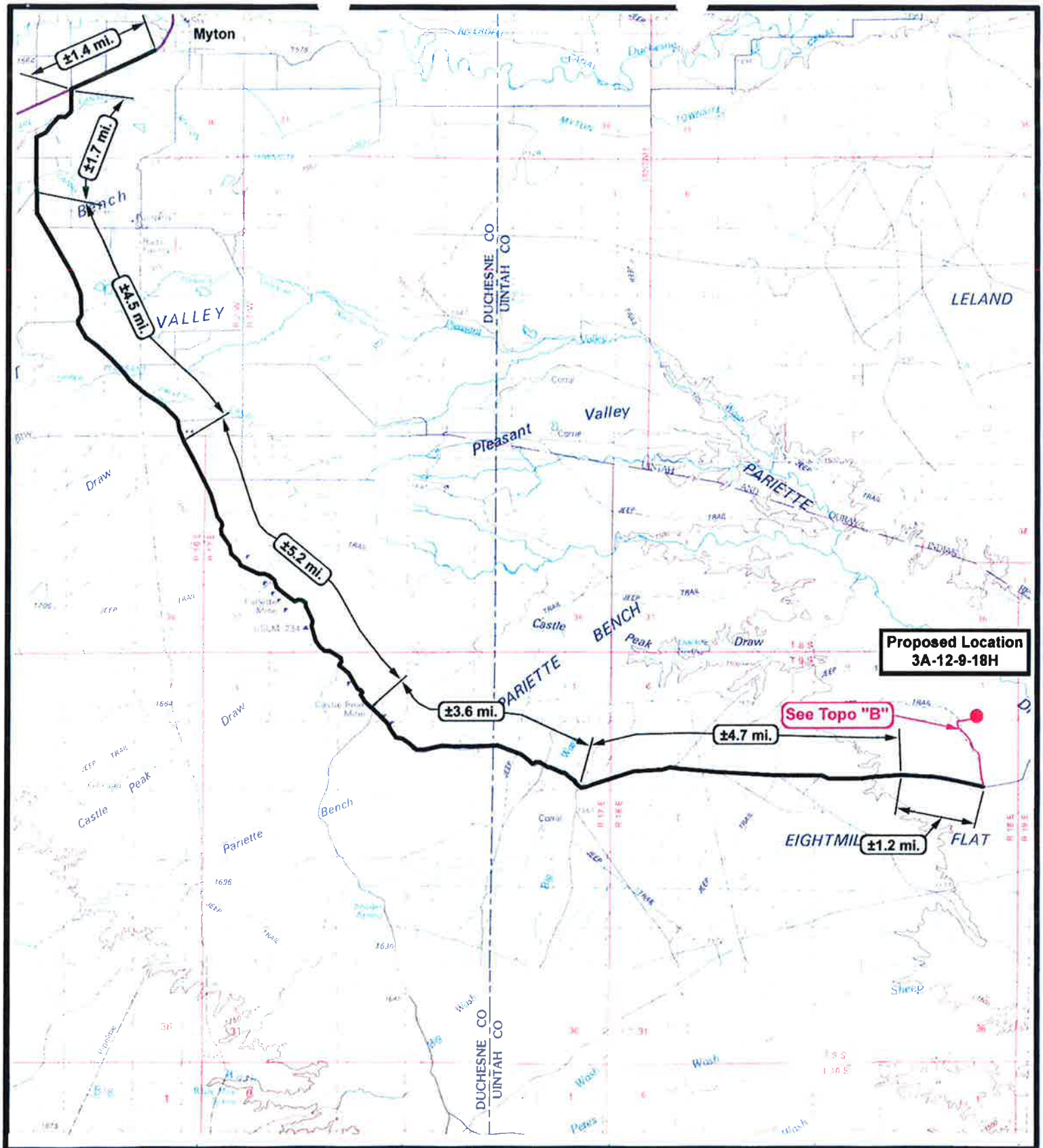
Greater Monument Butte 3A-12-9-18H

NE/NW Sec. 12, T9S, R18E

Uintah County, Utah

UTU-84229





NEWFIELD
Exploration Company

3A-12-9-18H
SEC. 12, T9S, R18E, S.L.B.&M.

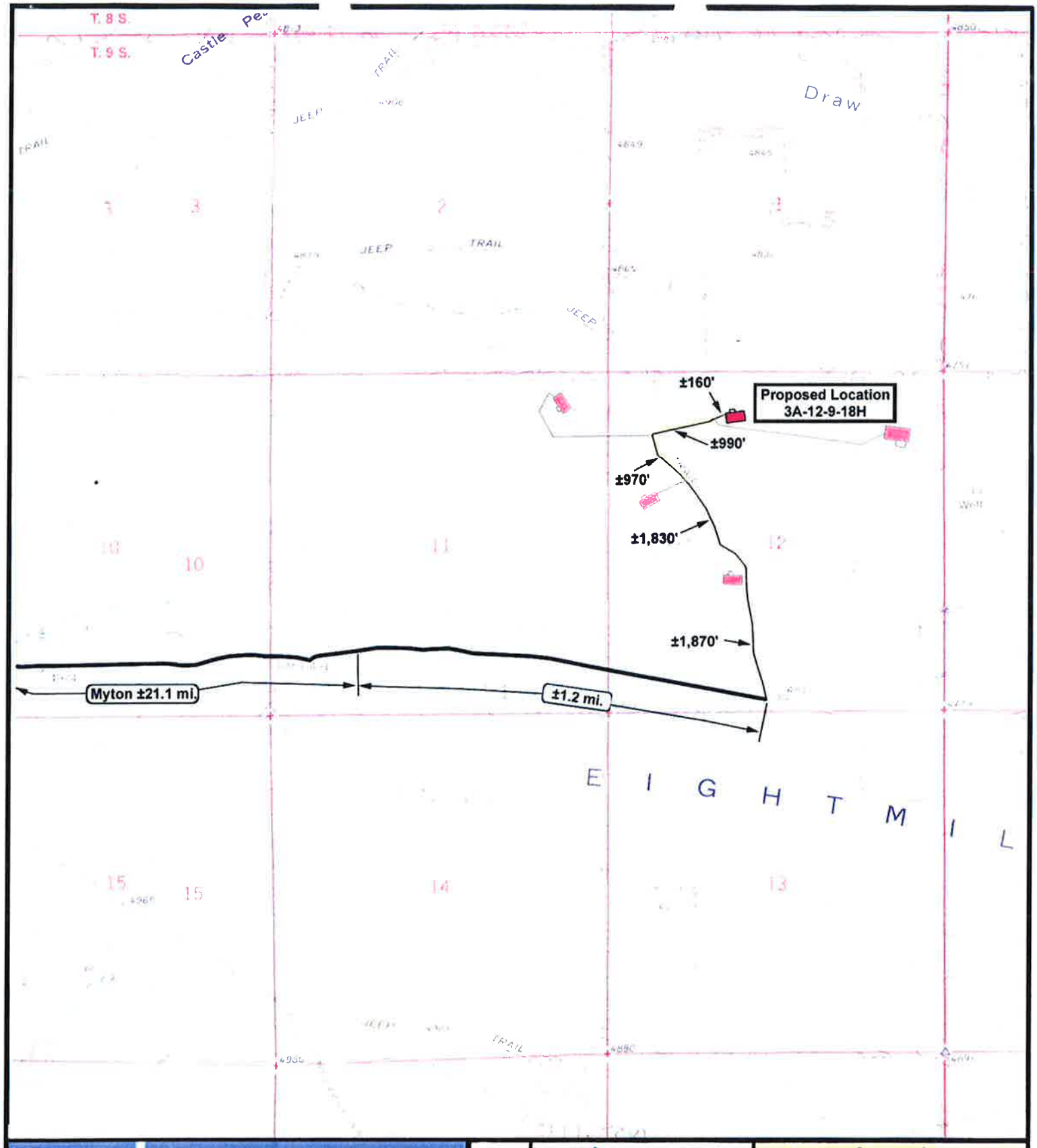
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: JAS
DATE: 11-12-2010

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

3A-12-9-18H
SEC. 12, T9S, R18E, S.L.B.&M.

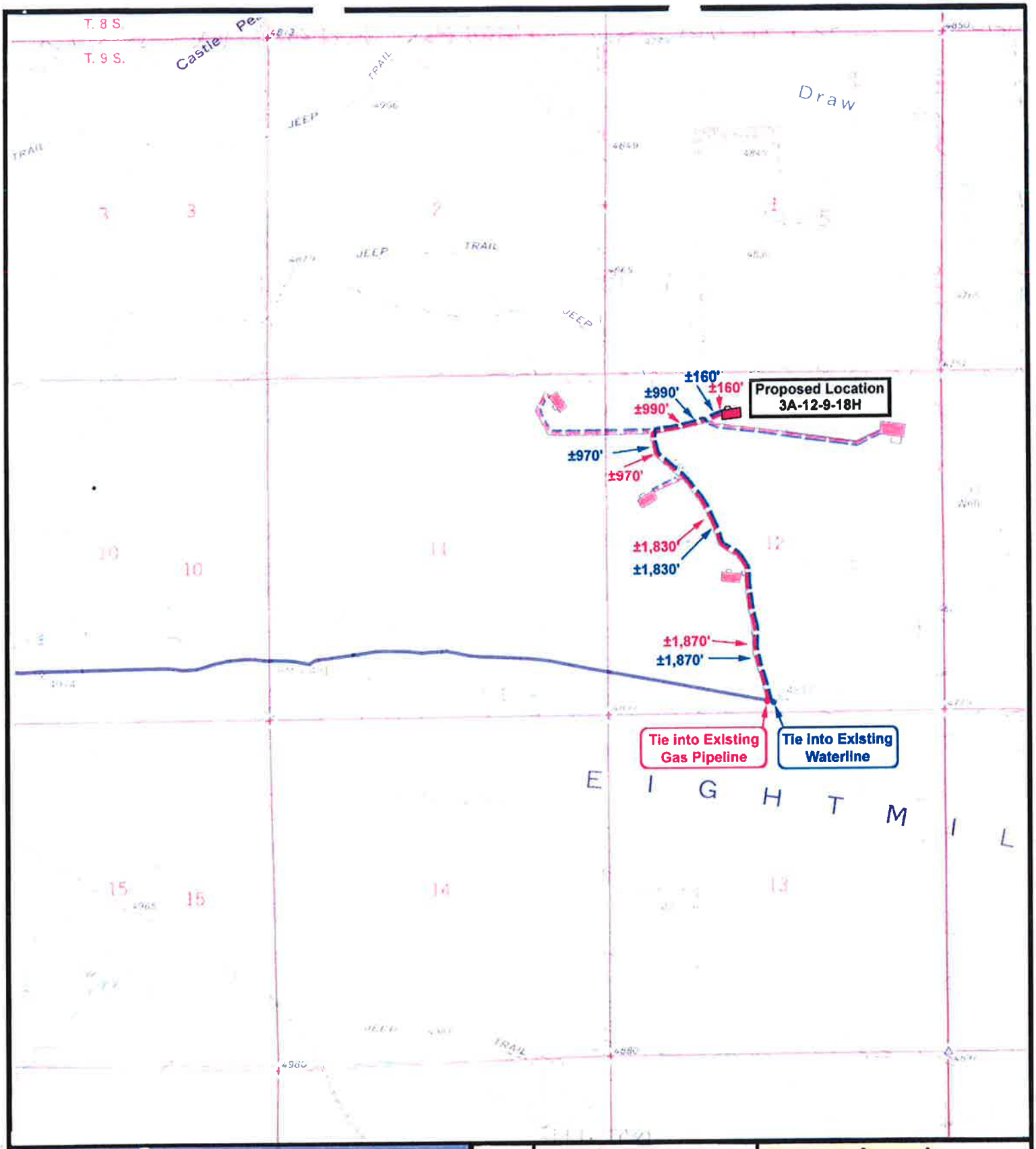
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE:	1" = 2,000'
DRAWN BY:	JAS
DATE:	11-12-2010

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

3A-12-9-18H
SEC. 12, T9S, R18E, S.L.B.&M.

N

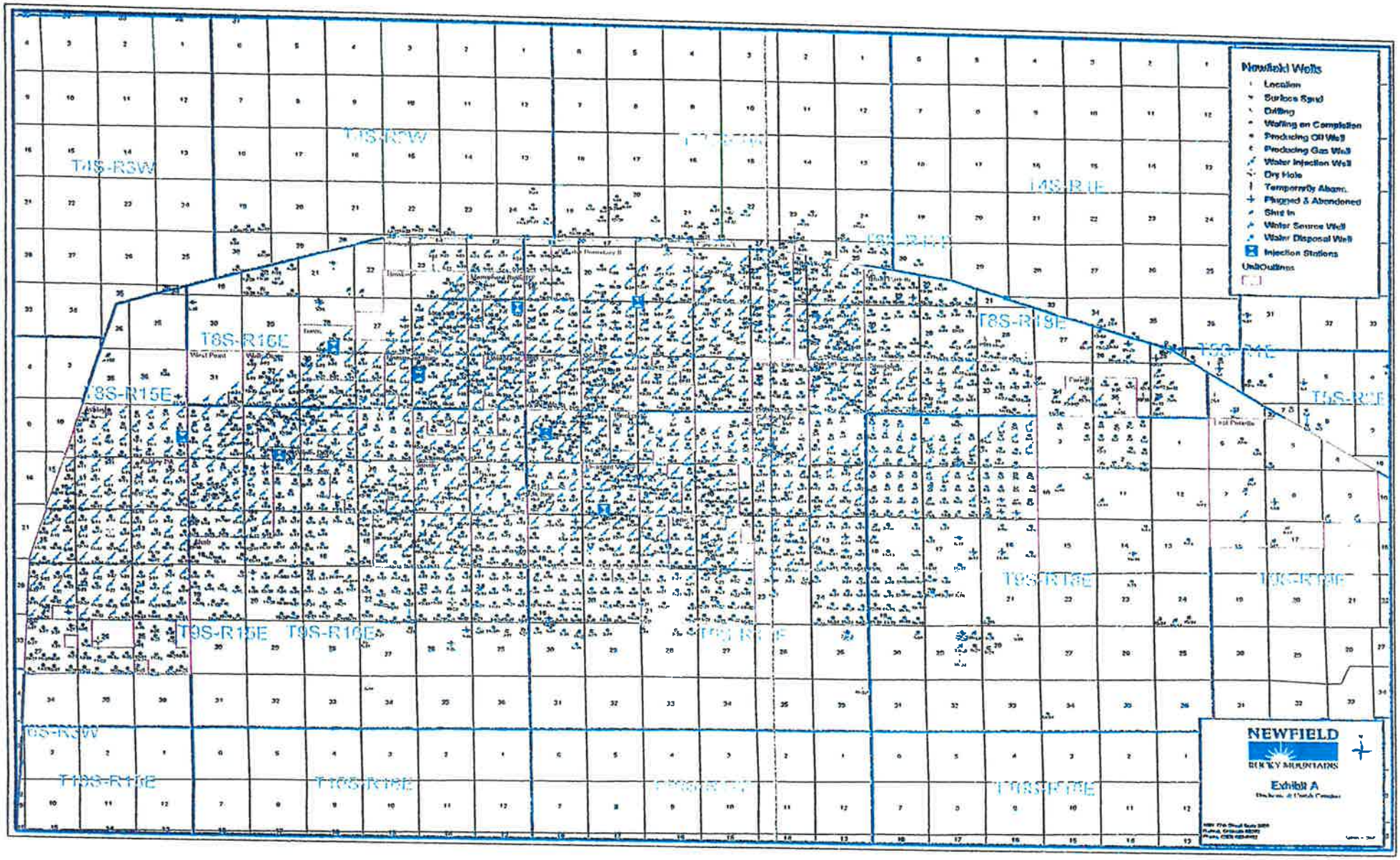
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

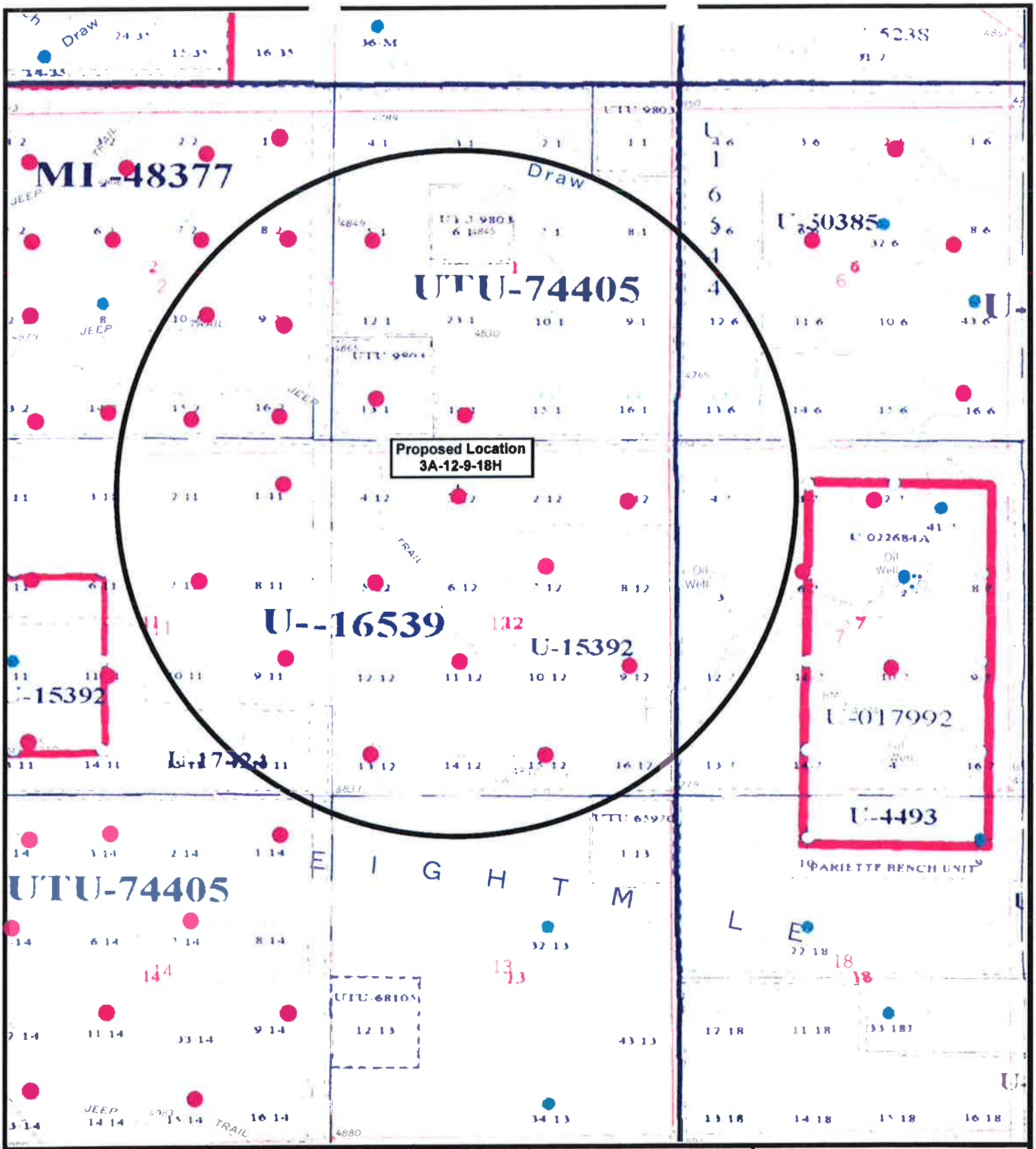
SCALE:	1" = 2,000'
DRAWN BY:	JAS
DATE:	11-12-2010

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP
"C"


Newfield Wells
Location
Surface Spud
Drilling
Waiting on Completion
Producing Oil Well
Producing Gas Well
Water Injection Well
Dry Hole
Temporarily Aband.
Plugged & Abandoned
Shut In
Water Source Well
Water Disposal Well
Injection Stations
UnitOutlines
T8S-R15E
T8S-R16E
T9S-R15E
T9S-R16E
T9S-R17E
T10S-R15E
T10S-R16E
T10S-R17E
NEWFIELD
ROCKY MOUNTAINS
Exhibit A



NEWFIELD
Exploration Company

3A-12-9-18H
SEC. 12, T9S, R18E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 11-12-2010

Legend
- Location
- One-Mile Radius

Exhibit "B"

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – *Other instructions on page 2.*

1. Type of Well ☑ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. UTU-84229
	6. If Indian, Allottee or Tribe Name NA
	7. If Unit of CA/Agreement, Name and/or No. Greater Monument Butte
	8. Well Name and No. Federal 3A-12-9-18 (Rig Skid)
2. Name of Operator Newfield Production Company	9. API Well No. 43-047-51282
3a. Address Route #3 Box 3630, Myton UT 84052 3b. Phone No. *(include area code)* (435) 646-3721	10. Field and Pool or Exploratory Area Monument Butte
4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* NE/NW 660' FNL 1970' FWL	11. Country or Parish, State Uintah, UT

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other APD Change
	☑ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Newfield requests to amend the above mentioned APD. This well will now be drilled as a Horizontal Well. The name for this well will now be the Greater Monument Butte 3A-12-9-18H.

The new proposed footages are as follows:
At Surface: NE/NW 668' FNL and 1971' FWL Sec. 12, T9S R18E
At Proposed Zone (B.H.): SE/SE 110' FSL and 225' FEL Sec. 11, T9S R18E

The new APD package is attached.

We also request that "Tight Hole Status" be placed on this well at this time.

RECEIVED
MAR 29 2011
DIV. OF OIL, GAS & MINING

VERNAL FIELD OFFICE
ENG.
GEOL.
E.S.
PET.
RECL.

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)* Mandie Crozier	Title Regulatoty Specialist
Signature Mandie Crozier	Date 2/10/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title **Assistant Field Manager Lands & Mineral Resources**	Date **MAR 21 2011**
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office **VERNAL FIELD OFFICE**	

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

(Instructions on page 2)

UDOGM

NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE 3A-12-9-18H
SHL: NE/NW SECTION 12, T9S, R18E
BHL: SE/SE SECTION 11, T9S, R18E
UINTAH 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. The well will be drilled vertically to a kick off point of 5,343'. Directional tools will then be used to build to 91.90° 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	1,325'
Target (Basal Carbonate)	5,670'
TD	5,670' TVD / 10,628' MD

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

Green River Formation (Oil) 3,970' – 5,670' 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 Iron (Fe) (ug/l)
Dissolved Magnesium (Mg) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)
Dissolved Calcium (Ca) (mg/l)
Dissolved Sodium (Na) (mg/l)
Dissolved Carbonate (CO_3) (mg/l)
Dissolved Chloride (Cl) (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'	300'	24.0	J-55	STC	8.33	8.33	12.0	17.07	13.71	33.89
Production 5-1/2"	0'	10,628'	17.0	N-80	LTC	8.3	8.5	--	4.10	3.24	2.38

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 assumer 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 / Sacks	OH Excess	Weight (ppg)	Yield (ft3/sk)
Surface	12-1/4"	300'	Class G w/ 2% $CaCl_2$, 0.25 lbs/sk Cello Flake	142 / 122	15%	15.8	1.17
Production Lead	7-7/8"	3,970'	Premium Lite II w/ 3% KCl, 10% bentonite	791 / 243	15%	15.8	3.26
Production Tail	7-7/8"	1,373'	50/50 Poz/Class G w/ 3% KCl, 2% bentonite	274 / 221	15%	14.3	1.24

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

Cement for the production casing 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 Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM 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.

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.

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 Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager 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.

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

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 300', an air system will be used. From 300' 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 BLM approval to ensure adequate protection of fresh aquifers.

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

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

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: Top of the curve – 3,970'
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.

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

There is no abnormal pressure or temperature expected. Maximum anticipated bottomhole pressure will be approximately equal total true vertical 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 18 days.
Completion Days:	Approximately 12 - 20 days.

b. Notification of Operations

The Vernal BLM office will be notified at least 24 hours **prior** to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), 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 BLM 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 BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office 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 Vernal BLM 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", Form 3160-5, 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.

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

2-M SYSTEM

Blowout Prevention Equipment Systems

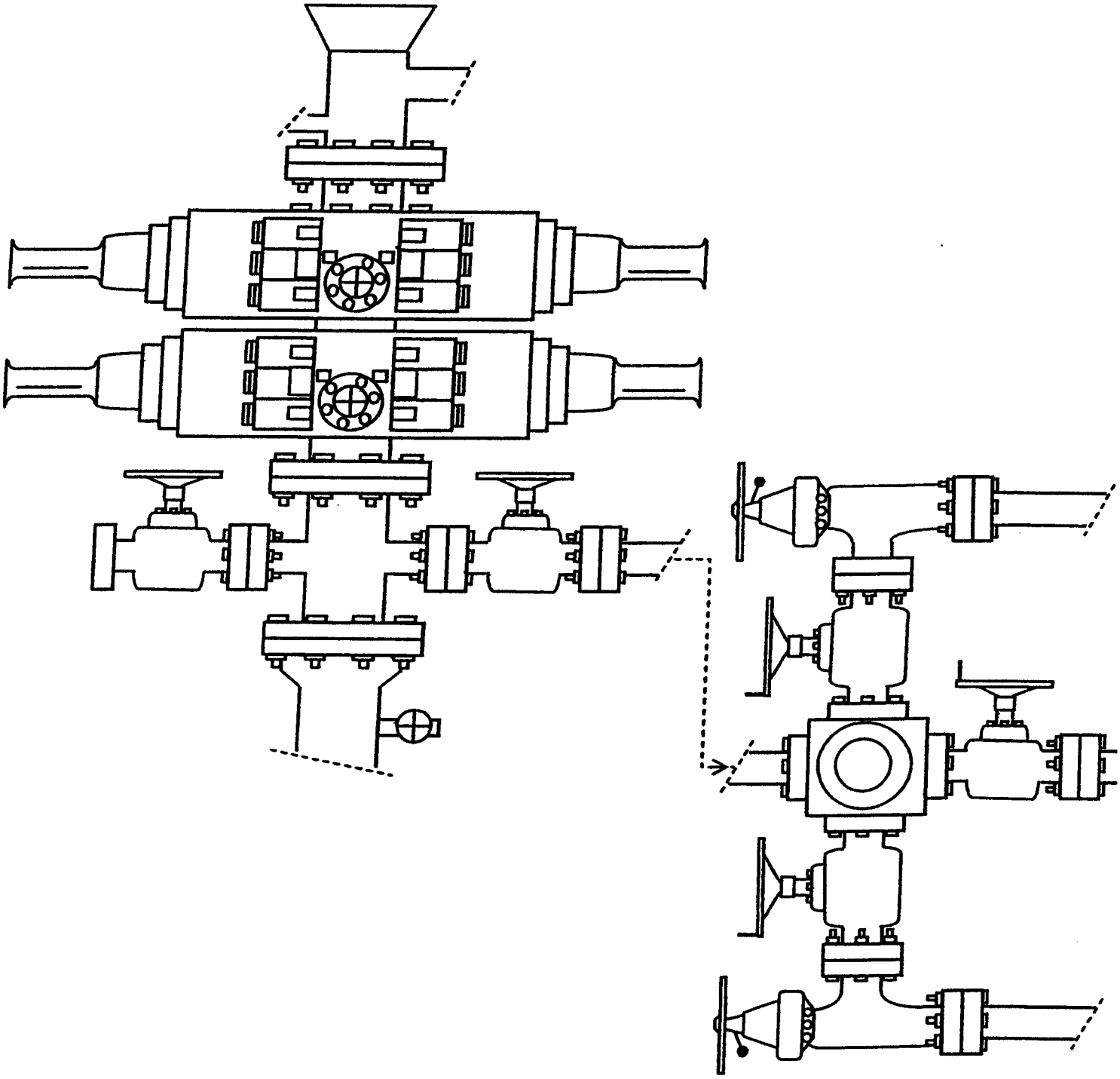


EXHIBIT C

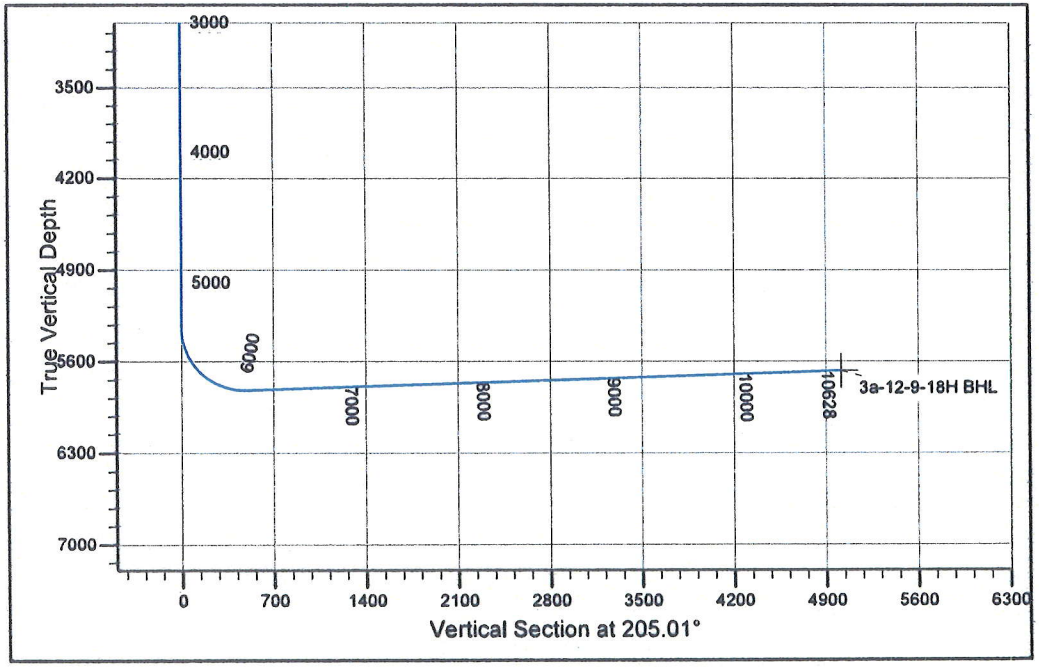
NEWFIELD
ROCKY MOUNTAINS

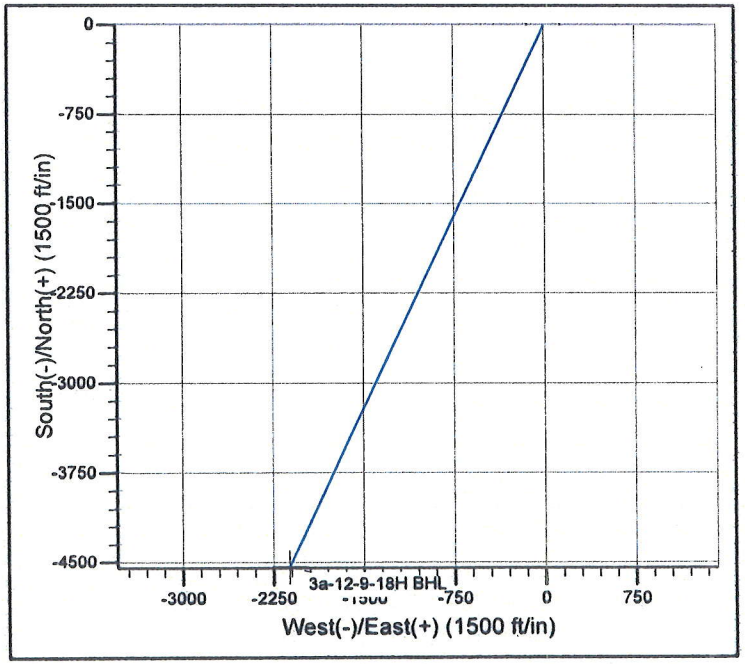
Newfield Production Company

Project: Monument Butte
Site: 3A-12-9-18H
Well: 3A-12-9-18H
Wellbore: Wellbore #1
Design: Design #1

T M Azimuths to True North
Magnetic North: 11.39°

Magnetic Field
Strength: 52485.1snT
Dip Angle: 65.89°
Date: 12/31/2009
Model: IGRF200510





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	
2	5342.6	0.00	0.00	5342.6	0.0	0.0	0.00	0.00	0.0	
3	6108.5	91.90	205.01	5819.8	-447.0	-208.6	12.00	205.01	493.3	
	410627.8	91.90	205.01	5670.0	-4540.3	-2118.3	0.00	0.00	5010.1	3a-12-9-18H BHL

Created by: Hans Wychgram

Date: 1-26-11

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

Newfield Exploration
Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 3A-12-9-18H
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 4857.0ft (Capstar #329)
Project:	Monument Butte	**MD Reference:**	RKB @ 4857.0ft (Capstar #329)
Site:	3A-12-9-18H	**North Reference:**	True
Well:	3A-12-9-18H	**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 3A-12-9-18H

Site Position:		**Northing:**	2,191,976.35 m	**Latitude:**	40° 3' 2.800 N
From:	Lat/Long	**Easting:**	641,257.62 m	**Longitude:**	109° 50' 39.600 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	in	**Grid Convergence:**	1.06 °

Well 3A-12-9-18H

Well Position	**+N/-S**	0.0 ft	**Northing:**	2,191,976.35 m	**Latitude:**	40° 3' 2.800 N
	+E/-W	0.0 ft	**Easting:**	641,257.62 m	**Longitude:**	109° 50' 39.600 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	4,845.0 ft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	12/31/2009	11.40	65.89	52,485

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)**	**Direction (°)**
	0.0	0.0	0.0	205.01

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	
5,342.6	0.00	0.00	5,342.6	0.0	0.0	0.00	0.00	0.00	0.00	
6,108.5	91.90	205.01	5,819.8	-447.0	-208.6	12.00	12.00	0.00	205.01	
10,627.8	91.90	205.01	5,670.0	-4,540.3	-2,118.3	0.00	0.00	0.00	0.00	3a-12-9-18H BHL

Newfield Exploration
Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 3A-12-9-18H
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 4857.0ft (Capstar #329)
Project:	Monument Butte	**MD Reference:**	RKB @ 4857.0ft (Capstar #329)
Site:	3A-12-9-18H	**North Reference:**	True
Well:	3A-12-9-18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	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
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

Newfield Exploration
Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 3A-12-9-18H
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 4857.0ft (Capstar #329)
Project:	Monument Butte	**MD Reference:**	RKB @ 4857.0ft (Capstar #329)
Site:	3A-12-9-18H	**North Reference:**	True
Well:	3A-12-9-18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,342.6	0.00	0.00	5,342.6	0.0	0.0	0.0	0.00	0.00	0.00
5,400.0	6.88	205.01	5,399.9	-3.1	-1.5	3.4	12.00	12.00	0.00
5,500.0	18.88	205.01	5,497.2	-23.3	-10.9	25.7	12.00	12.00	0.00
5,600.0	30.88	205.01	5,587.7	-61.4	-28.6	67.7	12.00	12.00	0.00
5,700.0	42.88	205.01	5,667.6	-115.6	-54.0	127.6	12.00	12.00	0.00
5,800.0	54.88	205.01	5,733.2	-183.8	-85.7	202.8	12.00	12.00	0.00
5,900.0	66.88	205.01	5,781.8	-262.8	-122.6	290.0	12.00	12.00	0.00
6,000.0	78.88	205.01	5,811.1	-349.3	-163.0	385.4	12.00	12.00	0.00
6,100.0	90.88	205.01	5,820.0	-439.4	-205.0	484.8	12.00	12.00	0.00
6,108.5	91.90	205.01	5,819.8	-447.0	-208.6	493.3	12.00	12.00	0.00
6,200.0	91.90	205.01	5,816.8	-529.9	-247.2	584.8	0.00	0.00	0.00
6,300.0	91.90	205.01	5,813.5	-620.5	-289.5	684.7	0.00	0.00	0.00
6,400.0	91.90	205.01	5,810.2	-711.1	-331.8	784.7	0.00	0.00	0.00
6,500.0	91.90	205.01	5,806.9	-801.6	-374.0	884.6	0.00	0.00	0.00
6,600.0	91.90	205.01	5,803.5	-892.2	-416.3	984.6	0.00	0.00	0.00
6,700.0	91.90	205.01	5,800.2	-982.8	-458.5	1,084.5	0.00	0.00	0.00
6,800.0	91.90	205.01	5,796.9	-1,073.4	-500.8	1,184.4	0.00	0.00	0.00
6,900.0	91.90	205.01	5,793.6	-1,163.9	-543.1	1,284.4	0.00	0.00	0.00
7,000.0	91.90	205.01	5,790.3	-1,254.5	-585.3	1,384.3	0.00	0.00	0.00
7,100.0	91.90	205.01	5,787.0	-1,345.1	-627.6	1,484.3	0.00	0.00	0.00
7,200.0	91.90	205.01	5,783.6	-1,435.7	-669.8	1,584.2	0.00	0.00	0.00
7,300.0	91.90	205.01	5,780.3	-1,526.2	-712.1	1,684.2	0.00	0.00	0.00
7,400.0	91.90	205.01	5,777.0	-1,616.8	-754.3	1,784.1	0.00	0.00	0.00
7,500.0	91.90	205.01	5,773.7	-1,707.4	-796.6	1,884.1	0.00	0.00	0.00
7,600.0	91.90	205.01	5,770.4	-1,797.9	-838.9	1,984.0	0.00	0.00	0.00
7,700.0	91.90	205.01	5,767.1	-1,888.5	-881.1	2,084.0	0.00	0.00	0.00
7,800.0	91.90	205.01	5,763.8	-1,979.1	-923.4	2,183.9	0.00	0.00	0.00
7,900.0	91.90	205.01	5,760.4	-2,069.7	-965.6	2,283.8	0.00	0.00	0.00
8,000.0	91.90	205.01	5,757.1	-2,160.2	-1,007.9	2,383.8	0.00	0.00	0.00
8,100.0	91.90	205.01	5,753.8	-2,250.8	-1,050.2	2,483.7	0.00	0.00	0.00
8,200.0	91.90	205.01	5,750.5	-2,341.4	-1,092.4	2,583.7	0.00	0.00	0.00
8,300.0	91.90	205.01	5,747.2	-2,431.9	-1,134.7	2,683.6	0.00	0.00	0.00
8,400.0	91.90	205.01	5,743.9	-2,522.5	-1,176.9	2,783.6	0.00	0.00	0.00
8,500.0	91.90	205.01	5,740.5	-2,613.1	-1,219.2	2,883.5	0.00	0.00	0.00
8,600.0	91.90	205.01	5,737.2	-2,703.7	-1,261.4	2,983.5	0.00	0.00	0.00
8,700.0	91.90	205.01	5,733.9	-2,794.2	-1,303.7	3,083.4	0.00	0.00	0.00
8,800.0	91.90	205.01	5,730.6	-2,884.8	-1,346.0	3,183.3	0.00	0.00	0.00
8,900.0	91.90	205.01	5,727.3	-2,975.4	-1,388.2	3,283.3	0.00	0.00	0.00
9,000.0	91.90	205.01	5,724.0	-3,065.9	-1,430.5	3,383.2	0.00	0.00	0.00
9,100.0	91.90	205.01	5,720.7	-3,156.5	-1,472.7	3,483.2	0.00	0.00	0.00
9,200.0	91.90	205.01	5,717.3	-3,247.1	-1,515.0	3,583.1	0.00	0.00	0.00
9,300.0	91.90	205.01	5,714.0	-3,337.7	-1,557.2	3,683.1	0.00	0.00	0.00
9,400.0	91.90	205.01	5,710.7	-3,428.2	-1,599.5	3,783.0	0.00	0.00	0.00
9,500.0	91.90	205.01	5,707.4	-3,518.8	-1,641.8	3,883.0	0.00	0.00	0.00
9,600.0	91.90	205.01	5,704.1	-3,609.4	-1,684.0	3,982.9	0.00	0.00	0.00
9,700.0	91.90	205.01	5,700.8	-3,700.0	-1,726.3	4,082.9	0.00	0.00	0.00
9,800.0	91.90	205.01	5,697.4	-3,790.5	-1,768.5	4,182.8	0.00	0.00	0.00
9,900.0	91.90	205.01	5,694.1	-3,881.1	-1,810.8	4,282.7	0.00	0.00	0.00
10,000.0	91.90	205.01	5,690.8	-3,971.7	-1,853.1	4,382.7	0.00	0.00	0.00
10,100.0	91.90	205.01	5,687.5	-4,062.2	-1,895.3	4,482.6	0.00	0.00	0.00
10,200.0	91.90	205.01	5,684.2	-4,152.8	-1,937.6	4,582.6	0.00	0.00	0.00
10,300.0	91.90	205.01	5,680.9	-4,243.4	-1,979.8	4,682.5	0.00	0.00	0.00
10,400.0	91.90	205.01	5,677.6	-4,334.0	-2,022.1	4,782.5	0.00	0.00	0.00
10,500.0	91.90	205.01	5,674.2	-4,424.5	-2,064.3	4,882.4	0.00	0.00	0.00

Newfield Exploration
Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 3A-12-9-18H
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 4857.0ft (Capstar #329)
Project:	Monument Butte	**MD Reference:**	RKB @ 4857.0ft (Capstar #329)
Site:	3A-12-9-18H	**North Reference:**	True
Well:	3A-12-9-18H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,600.0	91.90	205.01	5,670.9	-4,515.1	-2,106.6	4,982.4	0.00	0.00	0.00
10,627.8	91.90	205.01	5,670.0	-4,540.3	-2,118.3	5,010.1	0.00	0.00	0.00
3a-12-9-18H BHL									

NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE 3A-12-9-18H
NE/NW SECTION 12, T9S, R18E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. *EXISTING ROADS*

See attached Topographic Map "A"

To reach Newfield Production Company well location site Greater Monument Butte 3A-12-9-18H located in the NE 1/4 NW 1/4 Section 12, T9S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 – 15.3 miles ± to it's junction with an existing dirt road to the east; proceed easterly – 5.9 miles ± to it's junction with the beginning of the proposed access road; proceed northwesterly and then northeasterly along the proposed access road – 5910'± to the proposed well location.

2. *PLANNED ACCESS ROAD*

See Topographic Map "B" for the location of the proposed access road .

3. *LOCATION OF EXISTING WELLS*

Refer to Exhibit "B".

4. *LOCATION OF EXISTING AND/OR PROPOSED FACILITIES*

All permanent surface equipment will be painted Covert Green.
Please refer to the Greater Monument Butte Green River Development Standard Operating Practices (SOP).

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

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

Please refer to the Greater Monument Butte Green River Development SOP. See Exhibit "A".

6. *SOURCE OF CONSTRUCTION MATERIALS*

Please refer to the Greater Monument Butte Green River Development SOP.

7. *METHODS FOR HANDLING WASTE DISPOSAL*

Please refer to the Greater Monument Butte Green River Development SOP.

8. ***ANCILLARY FACILITIES***

Please refer to the Greater Monument Butte Green River Development SOP.

9. ***WELL SITE LAYOUT***

See attached Location Layout Diagram.

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

Please refer to the Greater Monument Butte Green River Development SOP.

11. ***SURFACE OWNERSHIP*** - Bureau Of Land Management

12. ***OTHER ADDITIONAL INFORMATION***

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-130, 9/10/04. Paleontological Resource Survey prepared by, Wade E. Miller, 8/2/04. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 5280' of planned access road to be granted in Lease UTU-84229. **Refer to Topographic Map "B".** Newfield Production Company requests 5280' of surface gas line to be granted in Lease UTU-84229. Newfield Production Company requests 5280' of buried water line to be granted in Lease UTU-84229.

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

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

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

For a ROW plan of development, please refer to the Greater Monument Butte Green River Development SOP and as well as the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

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.

Threatened, Endangered, And Other Sensitive Species
Burrowing Owl: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

Water Foul: If new construction or surface disturbing activities are scheduled to occur between March 1 and May 25, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of water foul. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. No new construction or surface disturbing activities will be allowed between March 1 and May 25 within a 0.5 mile radius of any active water fowl nest.

Reserve Pit Liner
Please refer to the Greater Monument Butte Green River Development SOP.

Location and Reserve Pit Reclamation
Please refer to the Greater Monument Butte Green River Development SOP as well as the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale	*Atriplex confertifolia*	4 lbs/acre
Scarlet globmallow	*Sphaeralcea conccinea*	4 lbs/acre
Crested Wheatgrass	*Agropyron cristatum*	4 lbs/acre

Details of the On-Site Inspection
The proposed 3A-12-9-18 was originally on-sited on 11/17/04. The following were present; Brad Mecham (Newfield Production) and Byron Tolman (Bureau of Land Management). Weather conditions were clear.

13. *LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION*

Representative

Name: Tim Eaton

Address: 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 3A-12-9-18H NE/NW Section 12, Township 9S, Range 18E: Lease UTU-84229 Uintah 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, Federal Bond #WYB000493.

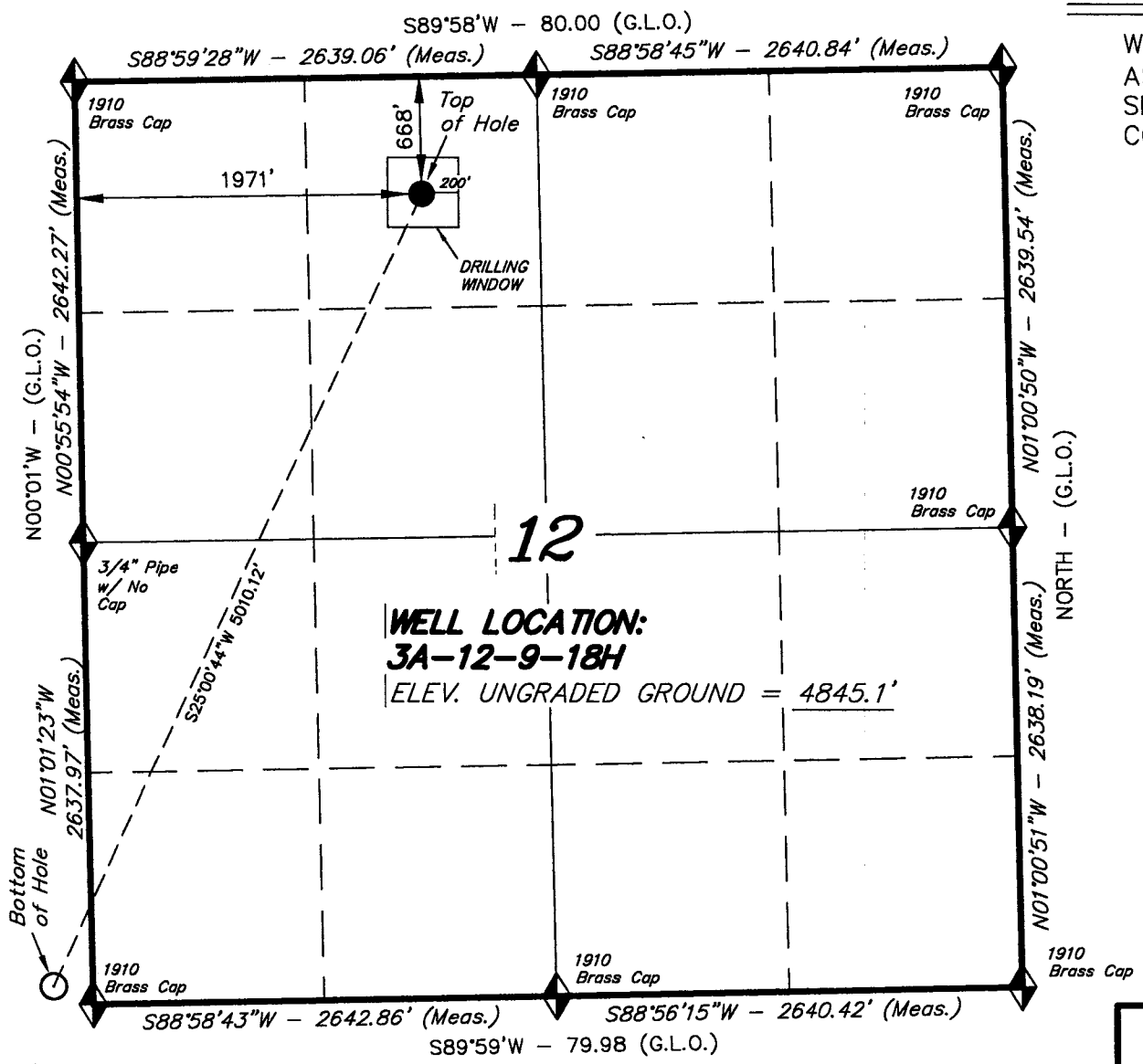
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will 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 18 U.S.C. 1001 for the filing of a false statement.

2/1/11
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

T9S, R18E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY



◆ = SECTION CORNERS LOCATED

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

WELL LOCATION, 3A-12-9-18H, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 12, T9S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.

NOTES:

1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*
3. *The Bottom of Hole footages are 110' FSL & 225' FEL. Section 11, T9S, R18E.*

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

REGISTERED LAND SURVEYOR No.189377 STATE OF UTAH

STACY W. STEWART

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

3-12-9-18
(Surface Location) ***NAD 83***
LATITUDE = 40° 03' 02.80"
LONGITUDE = 109° 50' 39.60"

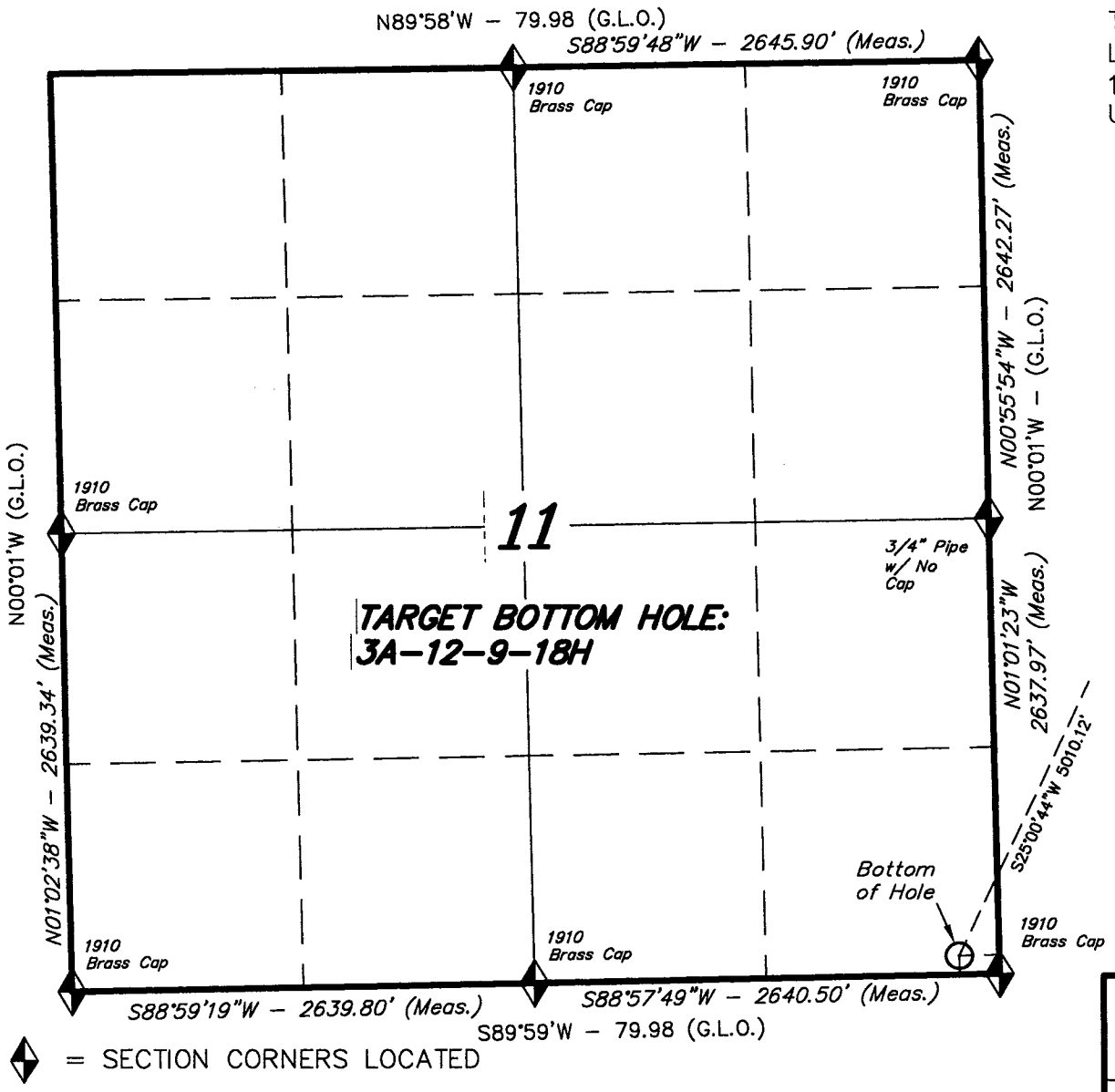
TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-07-10	SURVEYED BY: C.M.
DATE DRAWN: 11-08-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

T9S, R18E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

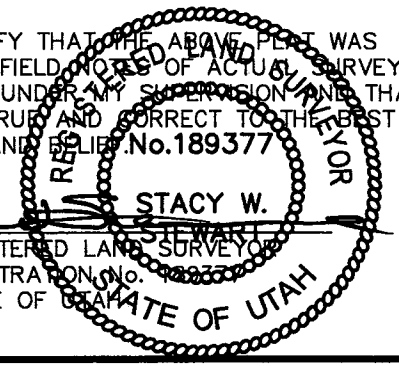
TARGET BOTTOM HOLE, 3A-12-9-18H, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 11, T9S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.



NOTES:

1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*
3. *The Bottom of Hole footages are 110' FSL & 225' FEL.*

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



REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

= SECTION CORNERS LOCATED

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

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

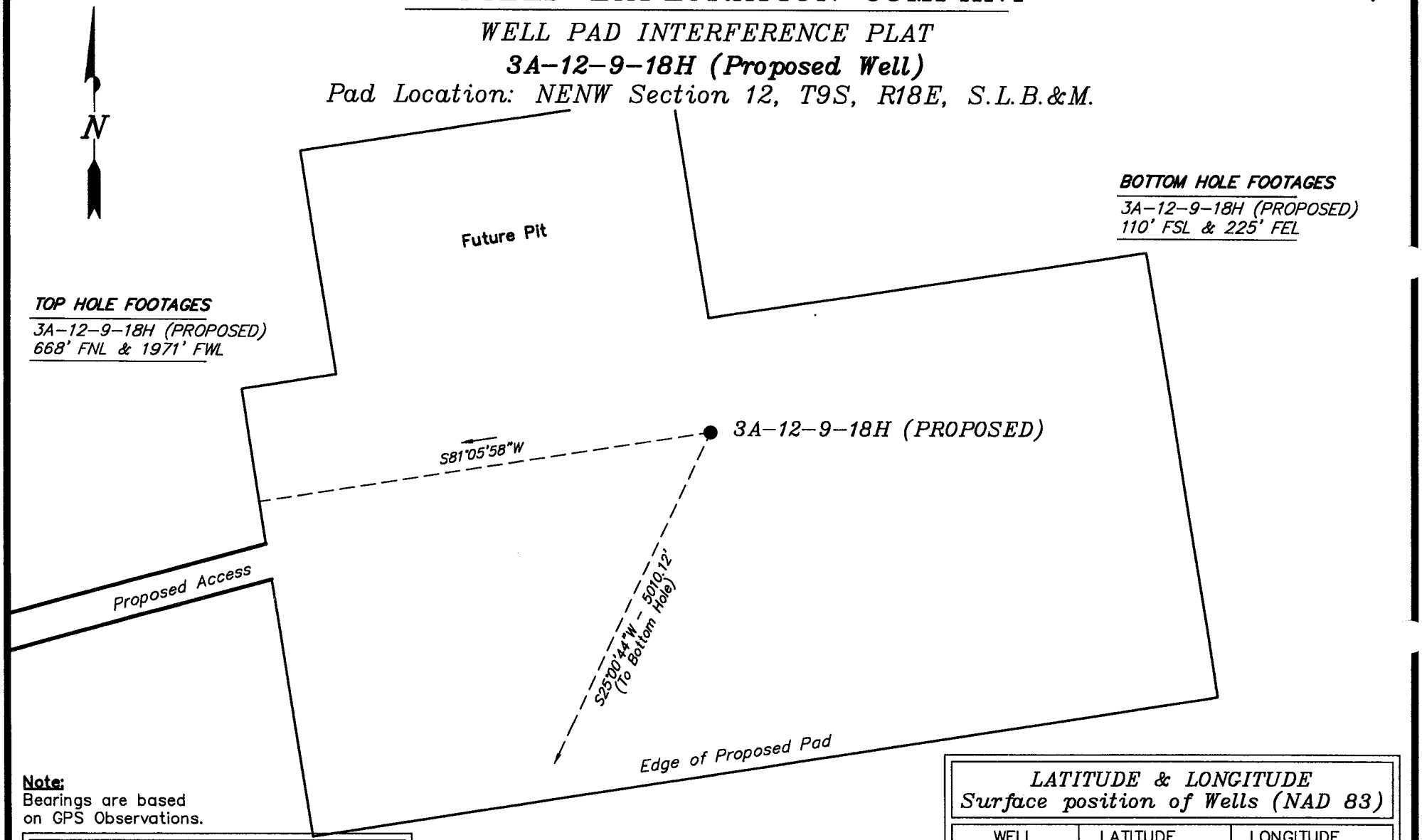
DATE SURVEYED: 11-07-10	SURVEYED BY: C.M.
DATE DRAWN: 11-08-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

3A-12-9-18H (Proposed Well)

Pad Location: NENW Section 12, T9S, R18E, S.L.B.&M.



Note:
Bearings are based on GPS Observations.

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
3A-12-9-18H	-4,540'	-2,118'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
3A-12-9-18H	40° 03' 02.80"	109° 50' 39.60"

SURVEYED BY:	C.M.	DATE SURVEYED:	11-07-10
DRAWN BY:	M.W.	DATE DRAWN:	11-08-10
SCALE:	1" = 60'	REVISED:	

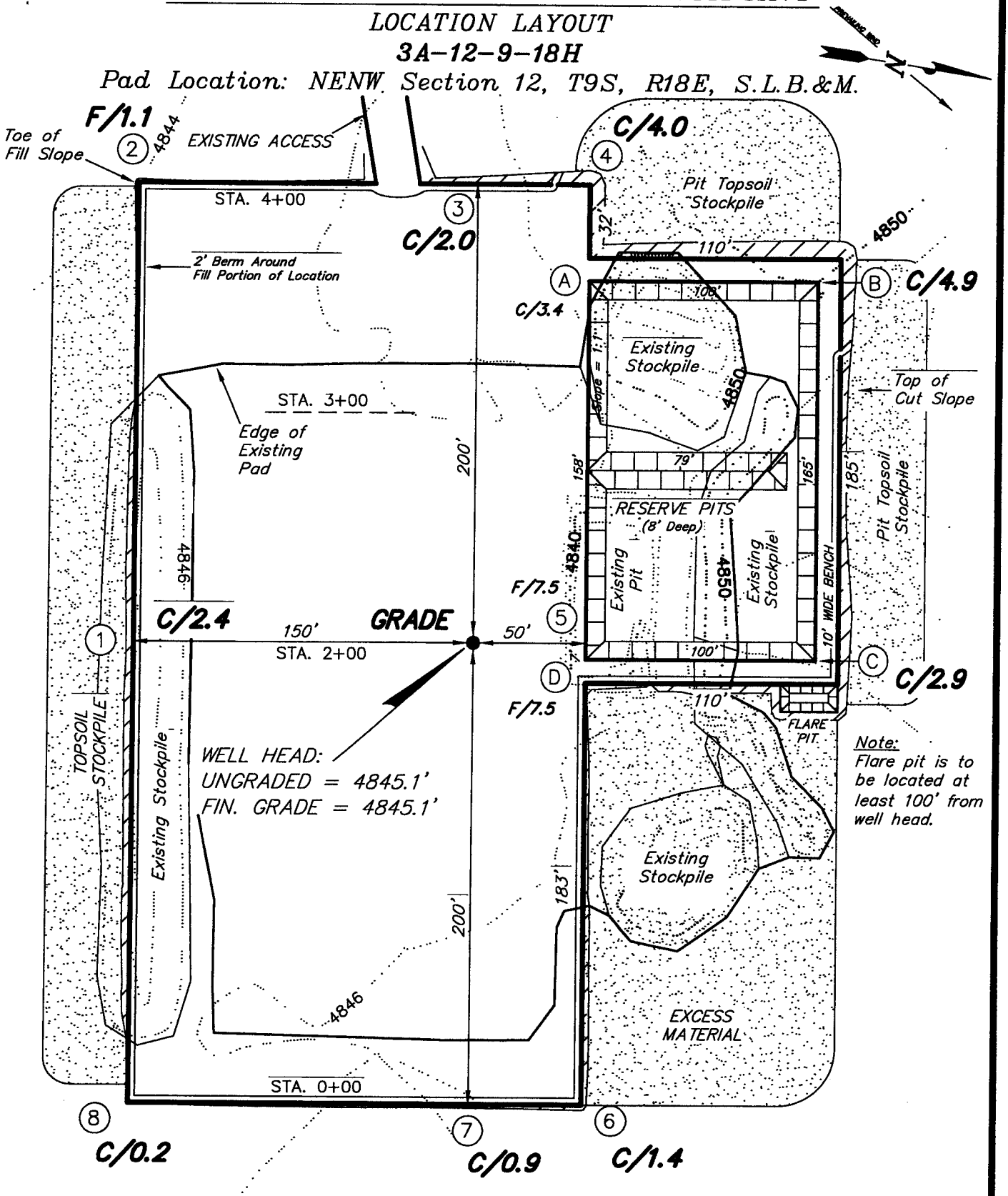
Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

3A-12-9-18H

Pad Location: NENW Section 12, T9S, R18E, S.L.B.&M.



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

NOTE:
RELOCATE EXISTING STOCKPILES TO DESIGNATED AREAS.

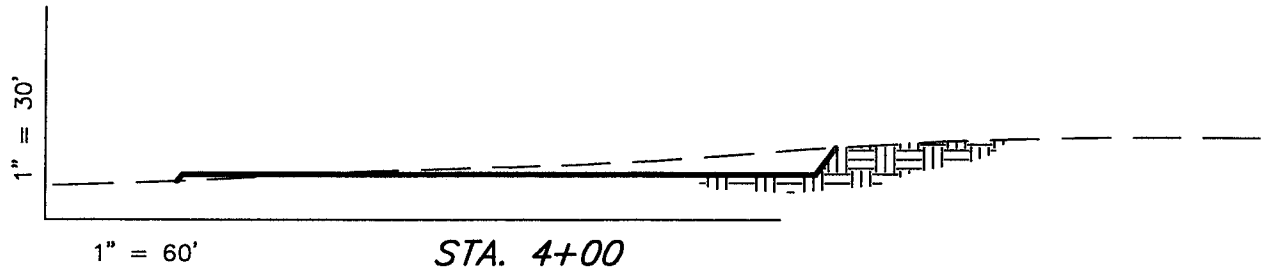
SURVEYED BY: C.M.	DATE SURVEYED:	11-07-10	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: M.W.	DATE DRAWN:	11-08-10	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

NEWFIELD EXPLORATION COMPANY

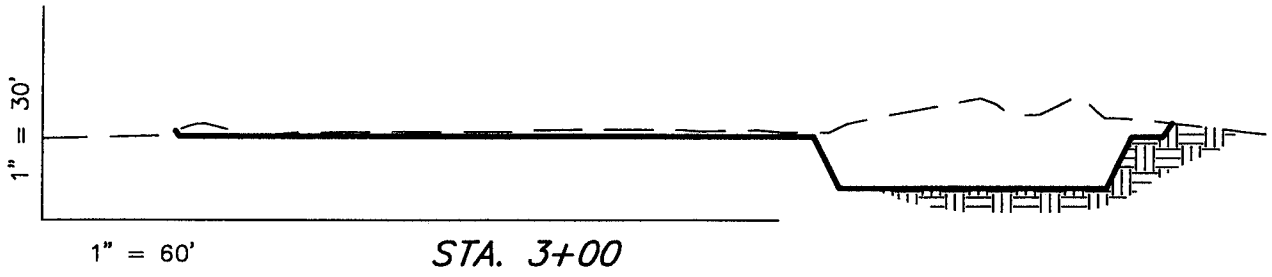
CROSS SECTIONS

3A-12-9-18H

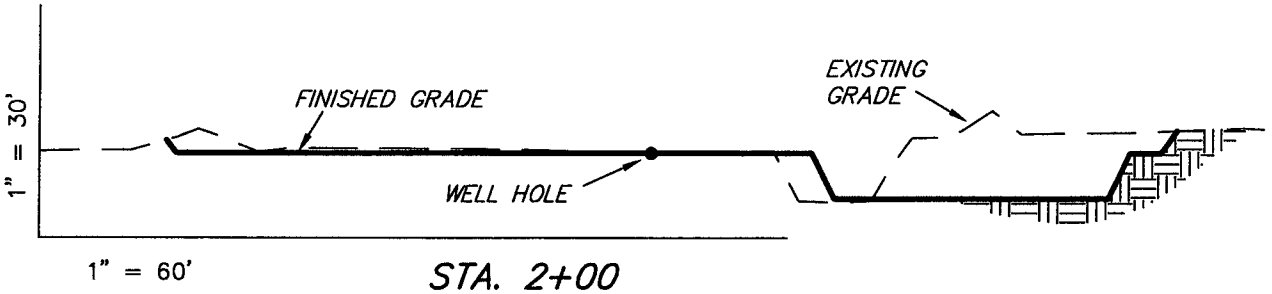
Pad Location: NENW Section 12, T9S, R18E, S.L.B.&M.



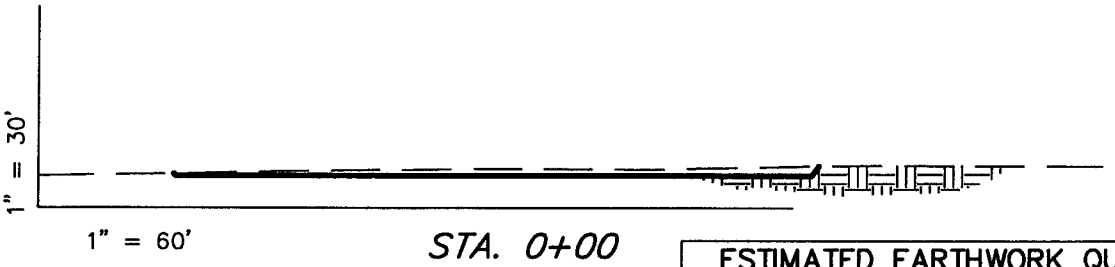
STA. 4+00



STA. 3+00



STA. 2+00



STA. 0+00

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	4,940	320	Topsoil is not included in Pad Cut	4,620
PIT	4,100	0		4,100
TOTALS	9,040	320	850	8,720

SURVEYED BY: C.M.	DATE SURVEYED:	11-07-10	
DRAWN BY: M.W.	DATE DRAWN:	11-08-10	
SCALE: 1" = 60'	REVISED:		

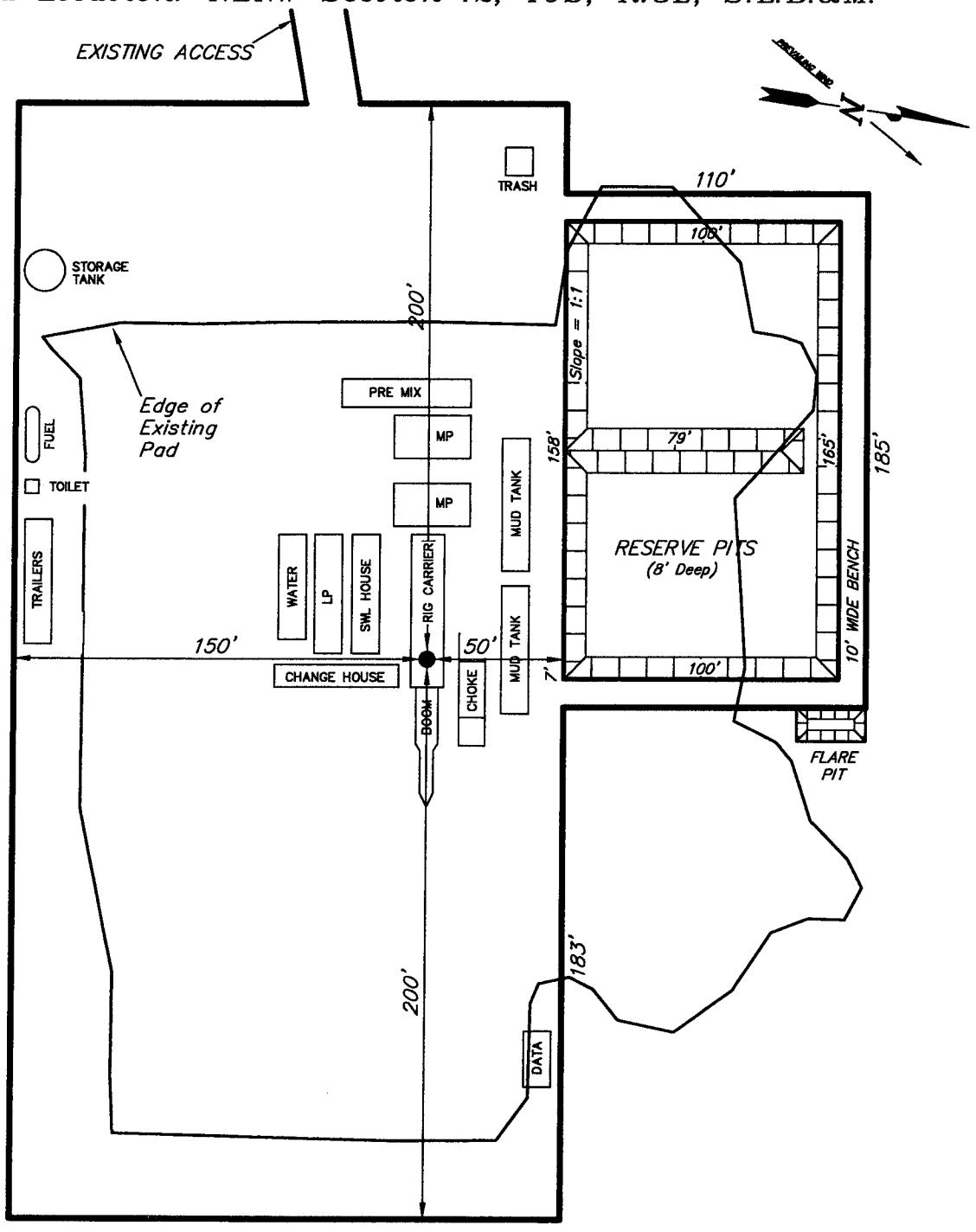
Tri State Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

3A-12-9-18H

Pad Location: NENW Section 12, T9S, R18E, S.L.B.&M.



SURVEYED BY: C.M.	DATE SURVEYED:	11-07-10	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: M.W.	DATE DRAWN:	11-08-10	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

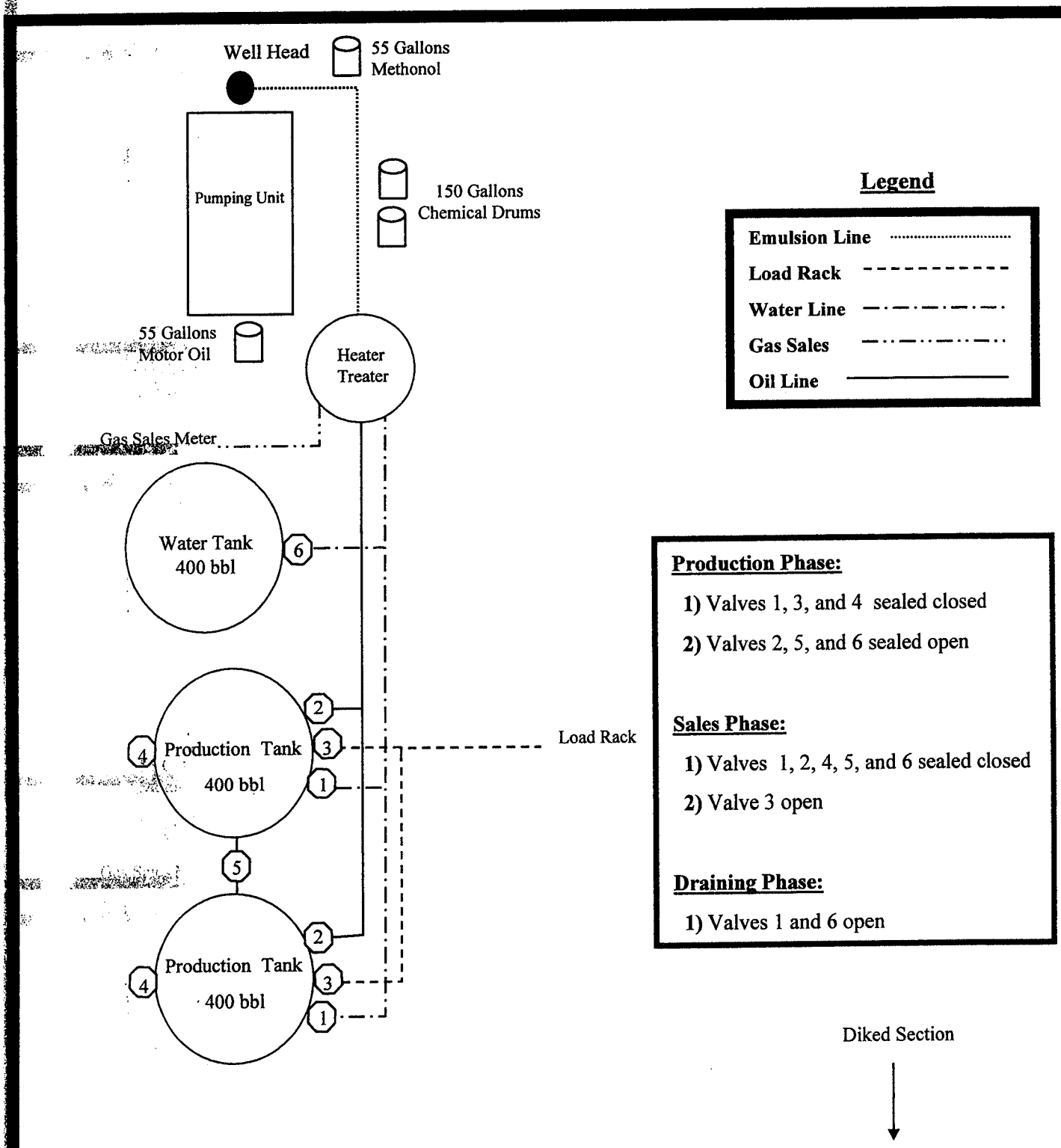
Newfield Production Company
Proposed Site Facility Diagram

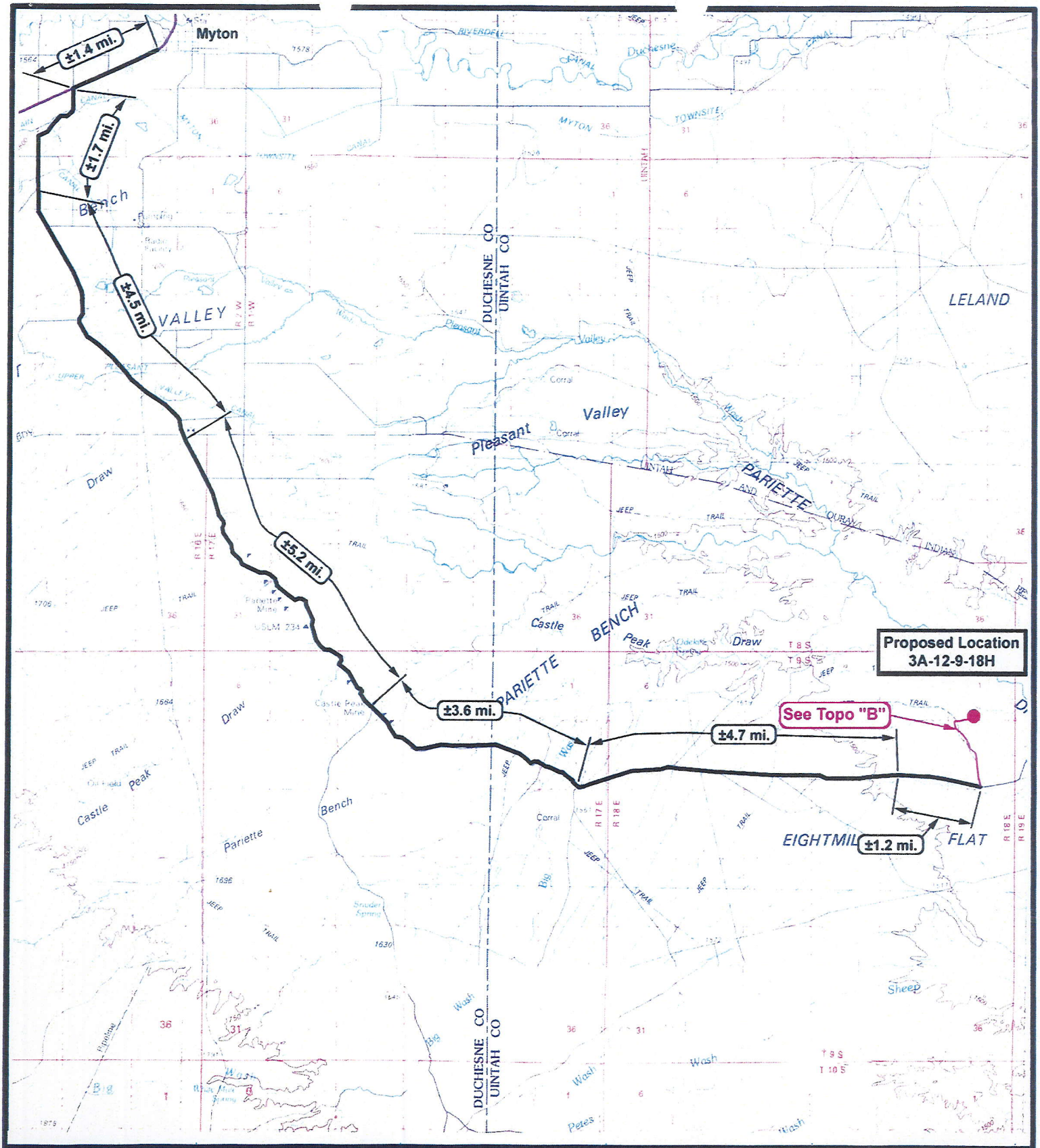
Greater Monument Butte 3A-12-9-18H

NE/NW Sec. 12, T9S, R18E

Uintah County, Utah

UTU-84229





NEWFIELD
Exploration Company

3A-12-9-18H
SEC. 12, T9S, R18E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: JAS
DATE: 11-12-2010

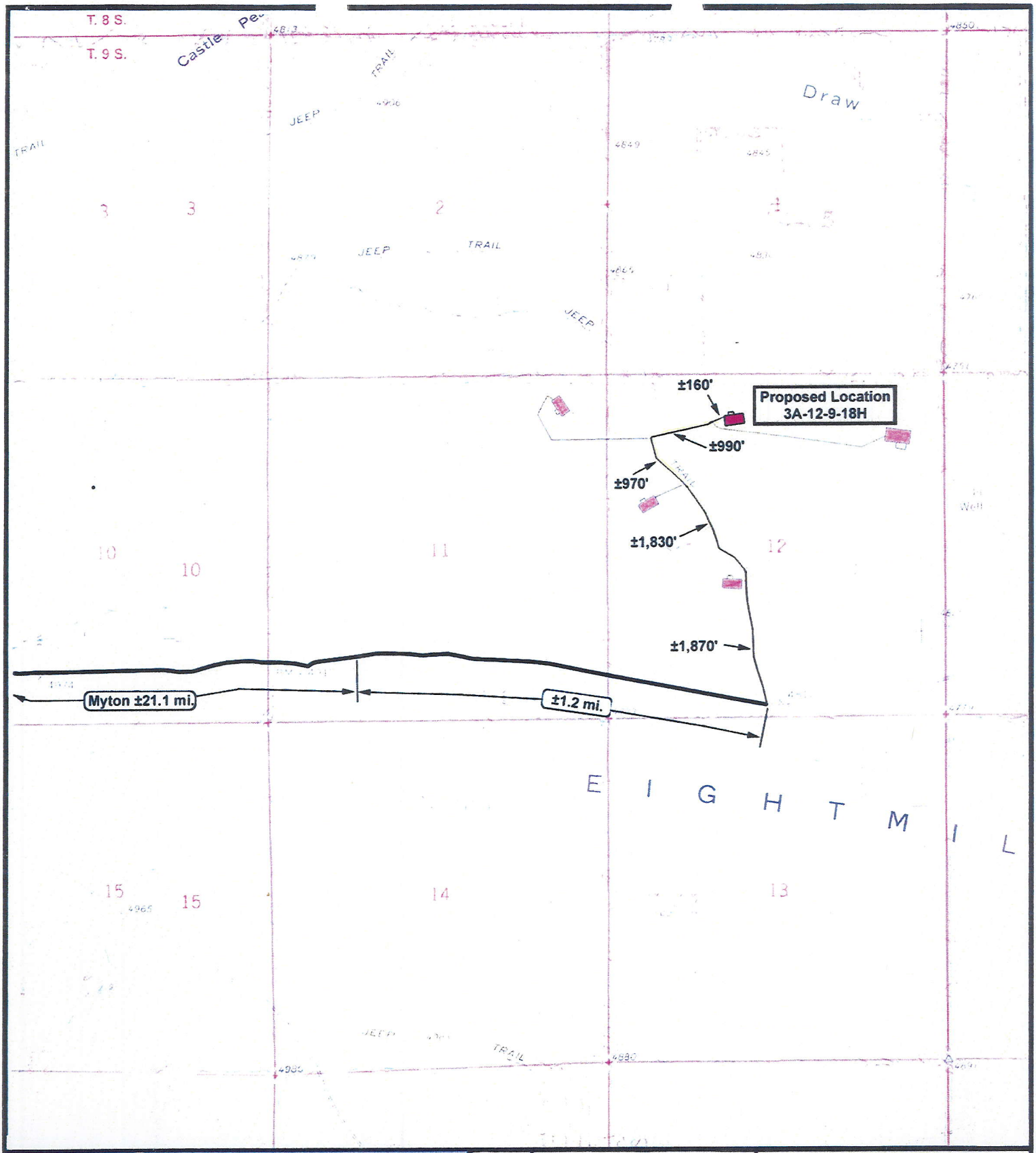
Legend

Existing Road

Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

3A-12-9-18H
SEC. 12, T9S, R18E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE:	1" = 2,000'
DRAWN BY:	JAS
DATE:	11-12-2010

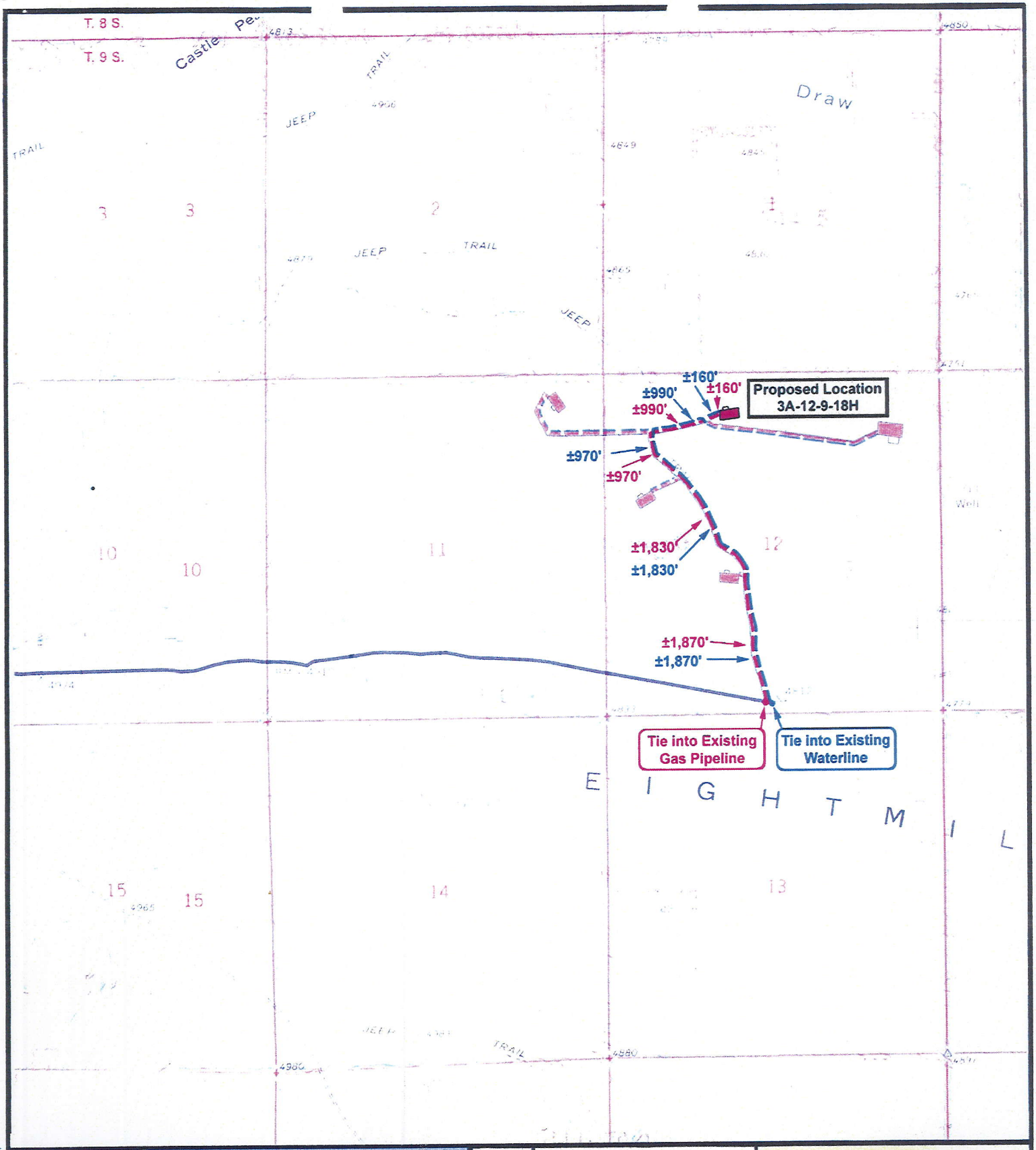
Legend

Existing Road

Proposed Access

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

3A-12-9-18H
SEC. 12, T9S, R18E, S.L.B.&M.

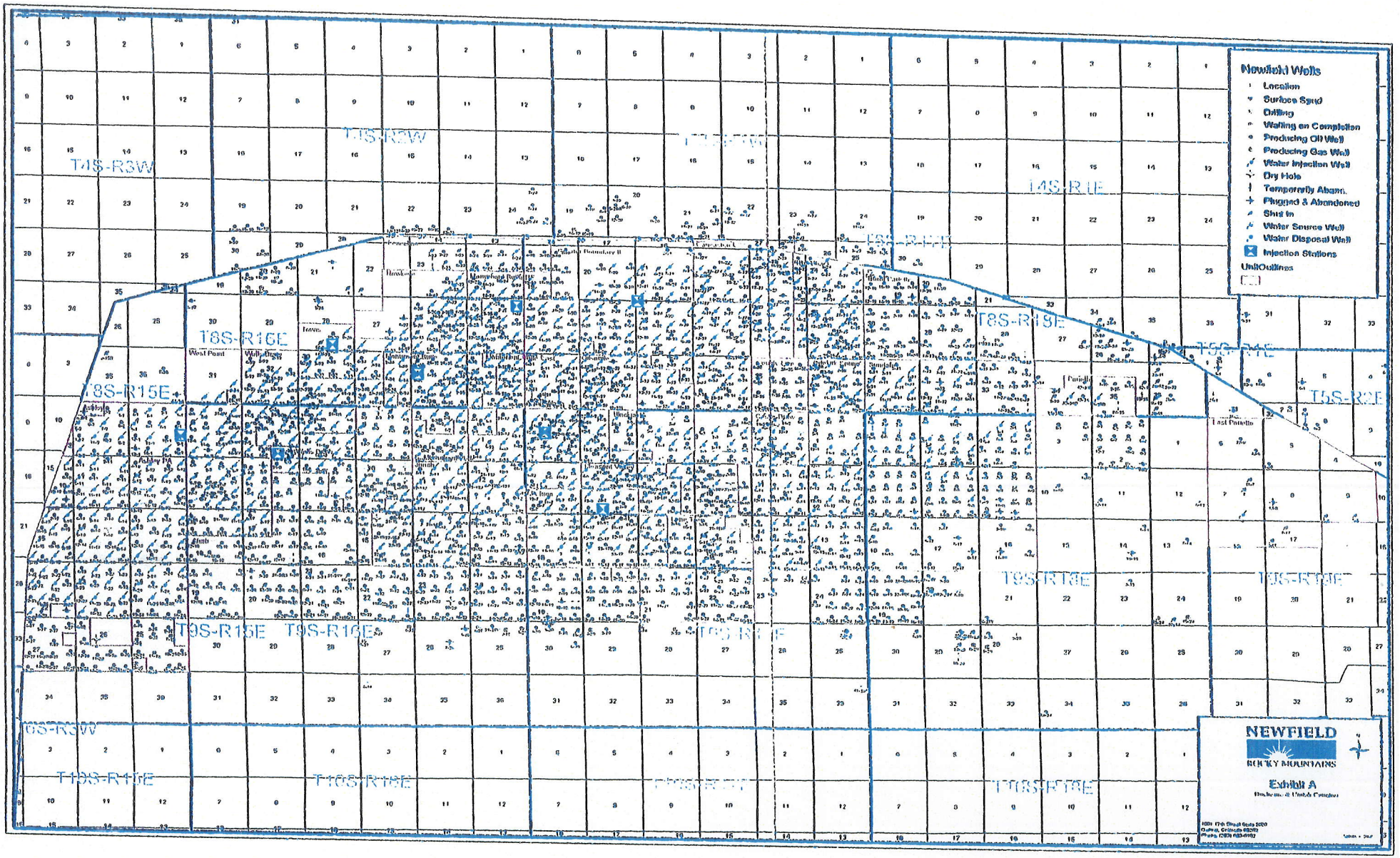
N

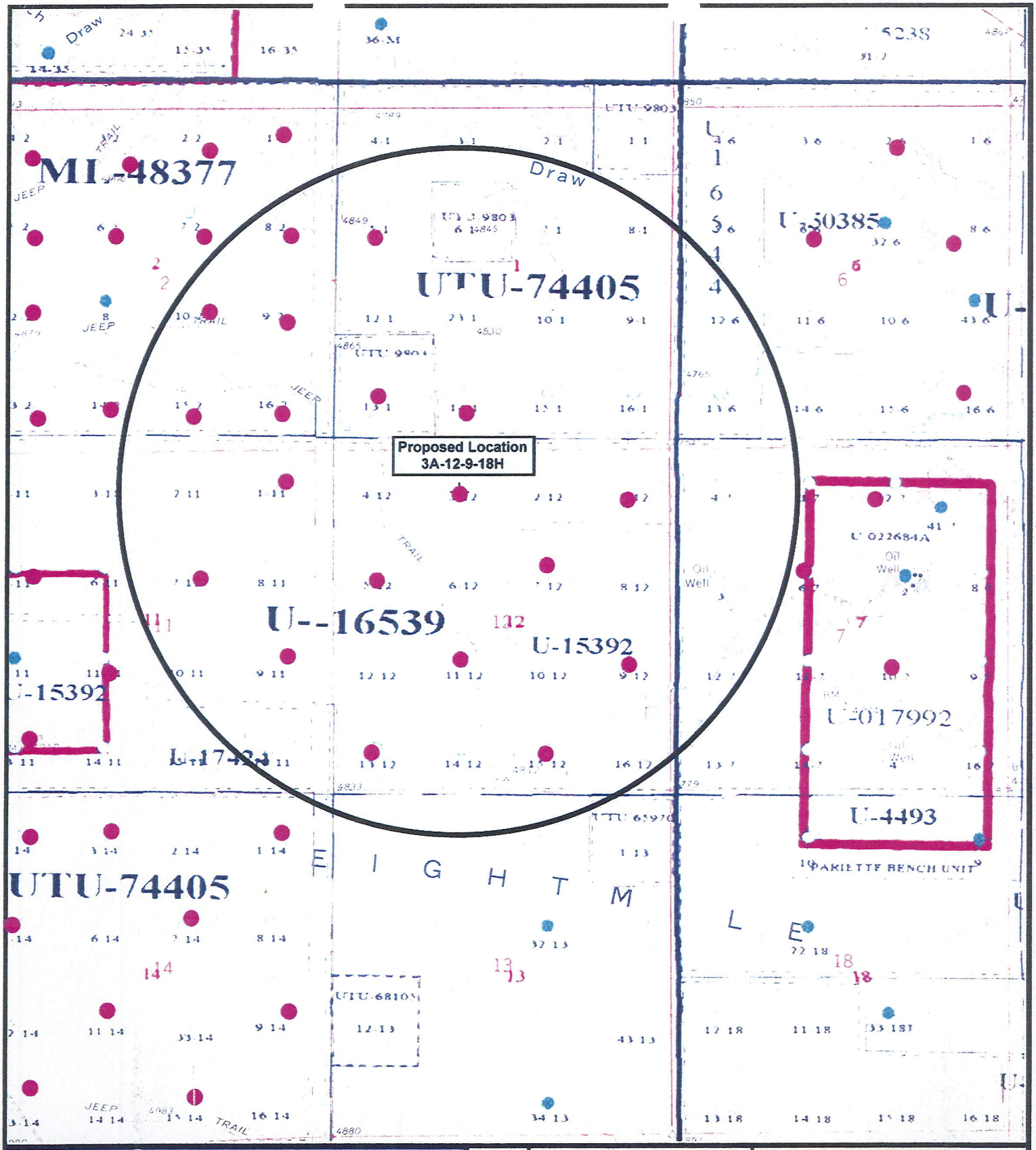
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 11-12-2010

Legend
Roads
Proposed Gas Line
Proposed Water Line

TOPOGRAPHIC MAP
"C"


Newfield Wells
Location
Surface Spud
Drilling
Waiting on Completion
Producing Oil Well
Producing Gas Well
Water Injection Well
Dry Hole
Temporarily Aband.
Plugged & Abandoned
Shut In
Water Source Well
Water Disposal Well
Injection Stations
UnitOutlines
T4S-R3W
T4S-R2W
T4S-R1W
T4S-R1E
T4S-R2E
T4S-R3E
T8S-R16E
T8S-R15E
T8S-R17E
T8S-R18E
T5S-R18E
T9S-R15E
T9S-R16E
T9S-R17E
T9S-R18E
T10S-R3W
T10S-R1E
T10S-R2E
T10S-R3E
T10S-R15E
T10S-R16E
T10S-R17E
T10S-R18E
NEWFIELD
ROCKY MOUNTAINS
Exhibit A



NEWFIELD
Exploration Company

3A-12-9-18H
SEC. 12, T9S, R18E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

Legend
- Location
- One-Mile Radius

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 11-12-2010

Exhibit "B"

Exhibit "D"
Page 1 of 2

CULTURAL RESOURCE INVENTORY OF INLAND RESOURCES' BLOCK SURVEY ON EIGHT MILE FLAT, TOWNSHIP 9 SOUTH, RANGE 18 EAST, SECTIONS 1,5,7,8,12,13, and 24, UINTAH COUNTY, UTAH

by

Josh C. Whiting
and
Keith R. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Inland Production
Route 3 Box 3630
Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-130

September 10, 2004

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-0455b

1 of 252

INLAND RESOURCES, INC.

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, UINTAH COUNTY, UTAH

Section 1 (excluding the NW 1/4); and Sections 12, 13, & 24,
Township 9 South, Range 18 East

REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
August 2, 2004

Condition of Approvals

Operator	**Newfield Exploration Company**
Well Name & Number	Federal 3A-12-9-18
Location	NENW 12 9S 18E
Lease Number	UTU-84229

Site Specific Drilling Plan COA's:

1. A requirement is that the 5 1/2" casing will be cemented to surface.

Variances Granted

No Variances were requested. The operator shall comply with applicable laws and regulations; with the lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

Carey Doyle
Petroleum Engineer
Vernal Field Office
Office: (435) 781-3406
Fax: (435) 781-4410

Federal Approval of this Action is Necessary

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER:
UTU-84229

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:
GMBU (GRRV)

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
GREATER MON BUTTE 3A-12-9-18H (RIGSK

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43047512820000

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

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
EIGHT MILE FLAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0668 FNL 1971 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENW Section: 12 Township: 09.0S Range: 18.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 9/16/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

At the recommendation of the Archaeologist that did the survey for the proposed Greater Monument Butte 3A-12-9-18H, Newfield would like to request that the proposed gas pipeline and water pipeline route be moved to the opposite side of the road in order to avoid an Arch site. Attached is the new Multi Point Surface Use and Operations Plan as well as the new Topographic Map C reflecting this change.

Accepted by the Utah Division of Oil, Gas and Mining

Date: 09/28/2011

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE		**DATE**
N/A		9/16/2011

RECEIVED Sep. 16, 2011

NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE 3A-12-9-18H
NE/NW SECTION 12, T9S, R18E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Greater Monument Butte 3A-12-9-18H located in the NE 1/4 NW 1/4 Section 12, T9S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 – 15.3 miles ± to it's junction with an existing dirt road to the east; proceed easterly – 5.9 miles ± to it's junction with the beginning of the proposed access road; proceed northwesterly and then northeasterly along the proposed access road – 5910'± to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road .

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Covert Green.
Please refer to the Greater Monument Butte Green River Development Standard Operating Practices (SOP).

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

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

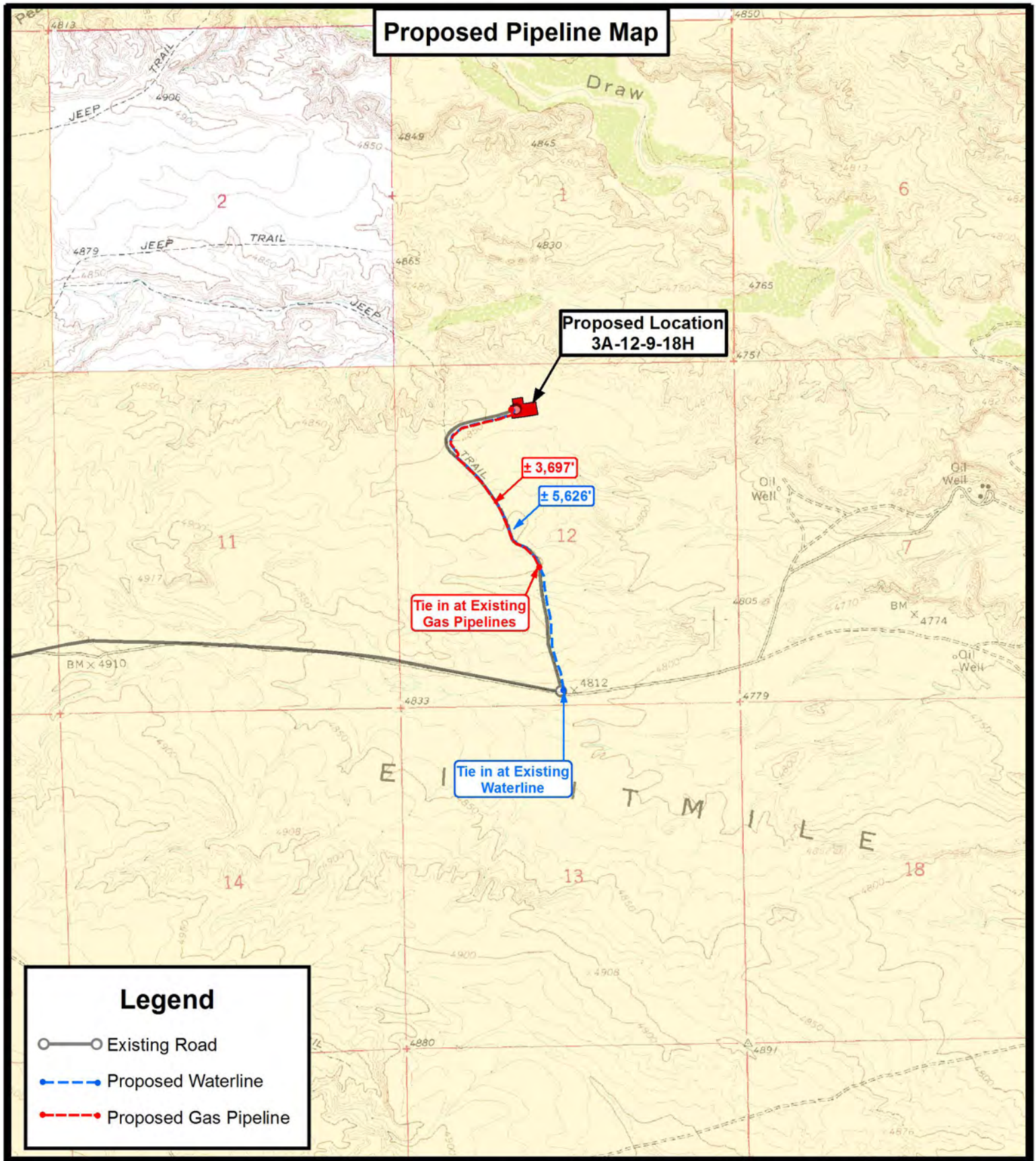
Please refer to the Greater Monument Butte Green River Development SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Greater Monument Butte Green River Development SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

RECEIVED Sep. 16, 2011



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

N

NEWFIELD EXPLORATION COMPANY

3A-12-9-18H
SEC. 12, T9S, R18E, S.L.B.&M.
Uintah County, UT.

DRAWN BY:	C.H.M.	REVISED:	05-12-2011	VERSION:	TOPOGRAPHIC MAP
DATE:	07-29-2010			V3	SHEET C
SCALE:	1 " = 2,000 '				

RECEIVED Sep. 16, 2011

Please refer to the Greater Monument Butte Green River Development SOP.

8. ***ANCILLARY FACILITIES***

Please refer to the Greater Monument Butte Green River Development SOP.

9. ***WELL SITE LAYOUT***

See attached Location Layout Diagram.

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

Please refer to the Greater Monument Butte Green River Development SOP.

11. ***SURFACE OWNERSHIP*** - Bureau Of Land Management

12. ***OTHER ADDITIONAL INFORMATION***

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-130, 9/10/04. Paleontological Resource Survey prepared by, Wade E. Miller, 8/2/04. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 5280' of planned access road be granted. **Refer to Topographic Map "B".** Newfield Production Company requests 3697' of surface gas line be granted. Newfield Production Company requests 5626' of buried water line be granted.

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

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

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

For a ROW plan of development, please refer to the Greater Monument Butte Green River Development SOP and as well as the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

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.

Threatened, Endangered, And Other Sensitive Species
Burrowing Owl: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

Water Foul: If new construction or surface disturbing activities are scheduled to occur between March 1 and May 25, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of water foul. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. No new construction or surface disturbing activities will be allowed between March 1 and May 25 within a 0.5 mile radius of any active water fowl nest.

Reserve Pit Liner
Please refer to the Greater Monument Butte Green River Development SOP.

Location and Reserve Pit Reclamation
Please refer to the Greater Monument Butte Green River Development SOP as well as the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale	*Atriplex confertifolia*	4 lbs/acre
Scarlet globmallow	*Sphaeralcea conccinea*	4 lbs/acre
Crested Wheatgrass	*Agropyron cristatum*	4 lbs/acre

Details of the On-Site Inspection
The proposed 3A-12-9-18 was originally on-sited on 11/17/04. The following were present; Brad Mecham (Newfield Production) and Byron Tolman (Bureau of Land Management). Weather conditions were clear.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Tim Eaton

Address: 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 3A-12-9-18H NE/NW Section 12, Township 9S, Range 18E: Lease UTU-84229 Uintah 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, Federal Bond #WYB000493.

RECEIVED Sep. 16, 2011

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 18 U.S.C. 1001 for the filing of a false statement.

5/16/11
Date

Mandie Crozier
Regulatory Analyst
Newfield Production Company

RECEIVED Sep. 16, 2011

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
E	99999	17400	4304751282	GMBU 3A-12-9-18H	NENW	12	9S	18E	UINTAH	8/28/2010	4/24/12

WELL 1 COMMENTS: CHANGE FORMATION FROM WSTC TO GRRV

CONFIDENTIAL

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

ACTION B	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

ACTION CODES (See instructions on back of form)
- A - 1 new entity for new well (single well only)
- B - r well to existing entity (group or unit well)
- C - 'rom one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - ther (explain in comments section)

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

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Div. of Oil, Gas & Mining

Signature: Tabitha Timothy
Production Clerk 04/18/12

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: UTU-84229

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: GREATER MON BUTTE 3A-12-9-18H (RIGSK

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047512820000

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

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: EIGHT MILE FLAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0668 FNL 1971 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 12 Township: 09.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☑ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☑ DRILLING REPORT Report Date: 2/23/2012	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The above well was placed on production on 02/23/2012 at 17:30 hours.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
June 08, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jennifer Peatross	435 646-4885	Production Technician
SIGNATURE N/A		**DATE** 6/8/2012

RECEIVED: Jun. 08, 2012

Form 3160-4
(August 2007)

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU-84229

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

6. If Indian, Allottee or Tribe Name: NA

7. Unit or CA Agreement Name and No.: GMBU (GRRV)

2. Name of Operator: NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.: GMBU 3A-12-9-18H

3. Address: 1401 17TH ST. SUITE 1000 DENVER, CO 80202

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

9. AFI Well No.: 43-047-51282

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

At surface 668' FNL & 1971' FWL (NE/NW) SEC. 12, T9S, R18E (UTU-84229)

10. Field and Pool or Exploratory: MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area: SEC. 12, T9S, R18E

At top prod. interval reported below 1374' FNL & 1625' FWL (SE/NW) SEC. 12, T9S, R18E (UTU-84229)

12. County or Parish: UINTAH

13. State: UT

At total depth 164' FSL & 206' FEL (SE/SE) SEC. 11, T9S, R18E (UTU-84230) BHL by HSM

14. Date Spudded: 08/28/2010

15. Date T.D. Reached: 01/15/2012

16. Date Completed: ☐ D & A ☑ Ready to Prod. 06/15/2012

17. Elevations (DF, RKB, RT, GL)*: 4847' GL 4865' KB

18. Total Depth: MD 10539' TVD ~~5745'~~ 5643

19. Plug Back T.D.: MD 10539' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY,COMP. NEUTRON,GR,CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8" J-55	24#	0	312'		225 CLASS G			
12-1/4"	8-5/8" J-55	24#	0	332'		160 CLASS G			
6-1/8"	5-1/2" L-80	20#	5142'	6203'		260 PRIMLITE		2320'	
6-1/8"	4-1/2" P-110	11.6#	6205'	10521'		340 CLASS G			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5734'	ARROW SET 5709'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	6334'	10456'	6334-10456'	16.9 sq. in.	19	Sliding Sleeve
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6334-10456'	Frac w/ 447575#s 30/50 white sand and 111150# 100 mesh in 14085 bbls of Slickwater fluid, in 19 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
2/24/12	3/5/2012	24	→	25	43	0			Gas Lift System

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GREEN RIVER	6334'	10456'		GARDEN GULCH	3709'
				GARDEN GULCH 1	3872'
				GARDEN GULCH 2	3982'
				POINT 3	4238'
				X MARKER	4456'
				Y MARKER	4493'
				DOUGLAS CREEK	4631'
				BI-CARBONATE	4878'
				B-LIMESTONE	5012'
				LBLKSH	5086'
				CASTLE PEAK	5406'
				BASAL CARB	5947'

32. Additional remarks (include plugging procedure):

The above well was placed on production with a gas lift system on 02/23/2012 at 17:30 hours.

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

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

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

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

Name *(please print)* Jennifer Peatross Title Production Technician

Signature Date 07/13/2012

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

(Continued on page 3)

SURVEY REPORT

Weatherford®

Report Date: **1/3/2012**
Customer: **Newfield**
Job Name: **4024704**
Well Name: **3A-12-9-18H**

Field: **GMB**
Rig: **Pioneer 68**
Rig Loc: **Duchesne**

Survey Calculation Method: **Minimum Curvature**

Magnetic Reference	Target Direction	Total Magnetic Field	Magnetic Dip Angle	Magnetic Declination	Grid Convergence	Total Correction
True North	**205.02 deg**	**52224 nT**	**65.82 deg**	**11.21 deg**	**0.00 deg**	**11.21 deg**

Survey Tie-On	Depth	INC	AZ	TVD	NS	EW
	5117.00 ft	**1.23 deg**	**7.90 deg**	**5116.50 ft**	**0.39 ft**	**-14.20 ft**

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
5138.00	1.27	4.63	5137.50	0.85	-14.15	5.22	0.39
5169.00	1.04	245.10	5168.49	1.07	-14.38	5.11	6.45
5201.00	4.91	229.70	5200.44	0.06	-15.69	6.58	12.24
5232.00	9.63	227.46	5231.19	-2.55	-18.61	10.18	15.25
5263.00	13.44	220.59	5261.55	-7.04	-22.87	16.05	13.04
5294.00	14.88	218.34	5291.61	-12.90	-27.68	23.40	4.97
5326.00	15.69	214.34	5322.48	-19.70	-32.67	31.67	4.15
5357.00	17.69	213.46	5352.17	-27.09	-37.63	40.46	6.50
5388.00	20.00	210.21	5381.51	-35.60	-42.90	50.40	8.18
5419.00	22.75	207.59	5410.38	-45.50	-48.34	61.67	9.39
5451.00	26.06	208.59	5439.51	-57.15	-54.57	74.87	10.42
5482.00	30.00	208.34	5466.87	-69.96	-61.51	89.41	12.72
5513.00	33.94	207.34	5493.16	-84.47	-69.17	105.80	12.82
5545.00	37.19	205.59	5519.19	-101.14	-77.45	124.40	10.64
5577.00	39.19	203.46	5544.34	-119.14	-85.66	144.18	7.48
5608.00	42.06	203.84	5567.87	-137.62	-93.75	164.36	9.29
5639.00	44.31	203.09	5590.47	-157.08	-102.20	185.57	7.44
5671.00	43.69	202.71	5613.49	-177.56	-110.85	207.78	2.11
5703.00	42.50	202.21	5636.86	-197.76	-119.20	229.62	3.87
5734.00	42.75	205.46	5659.67	-216.96	-127.68	250.60	7.14
5765.00	44.94	205.84	5682.03	-236.32	-136.98	272.07	7.12
5796.00	47.81	207.09	5703.41	-256.40	-146.98	294.50	9.71
5828.00	51.31	208.59	5724.17	-277.93	-158.36	318.82	11.50
5859.00	54.31	208.21	5742.90	-299.65	-170.11	343.47	9.73
5890.00	58.06	206.96	5760.15	-322.47	-182.02	369.20	12.55
5921.00	61.13	205.34	5775.84	-346.47	-193.80	395.92	10.88
5952.00	64.00	205.46	5790.12	-371.32	-205.60	423.43	9.26
5982.00	66.69	204.71	5802.64	-396.02	-217.16	450.70	9.25
6013.00	68.88	203.71	5814.36	-422.19	-228.92	479.39	7.67
6044.00	71.25	203.34	5824.92	-448.91	-240.55	508.52	7.73
6075.00	74.38	202.96	5834.08	-476.14	-252.19	538.12	10.16
6107.00	78.63	203.09	5841.55	-504.77	-264.36	569.21	13.29
6138.00	80.25	202.71	5847.23	-532.84	-276.22	599.66	5.36
6169.00	82.75	202.09	5851.81	-561.18	-287.90	630.29	8.30
6200.00	87.25	202.09	5854.51	-589.79	-299.51	661.12	14.52

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
6232.00	89.75	201.82	5855.35	-619.46	-311.47	693.06	7.86
6263.00	89.94	201.62	5855.43	-648.26	-322.94	724.01	0.89
6294.00	90.25	201.79	5855.38	-677.06	-334.41	754.96	1.14
6325.00	91.66	202.54	5854.87	-705.76	-346.10	785.91	5.15
6356.00	92.23	202.35	5853.81	-734.40	-357.93	816.86	1.94
6387.00	93.21	202.60	5852.34	-763.01	-369.77	847.80	3.26
6418.00	93.77	203.13	5850.46	-791.52	-381.79	878.72	2.49
6449.00	93.82	203.32	5848.40	-819.95	-393.99	909.64	0.63
6481.00	94.20	202.59	5846.17	-849.34	-406.44	941.54	2.57
6513.00	94.58	203.14	5843.72	-878.74	-418.84	973.42	2.08
6543.00	94.32	202.85	5841.39	-906.27	-430.52	1003.31	1.30
6574.00	94.12	203.16	5839.11	-934.73	-442.60	1034.21	1.19
6606.00	94.27	203.23	5836.77	-964.06	-455.17	1066.11	0.52
6637.00	93.34	202.94	5834.71	-992.52	-467.30	1097.02	3.14
6668.00	92.53	203.99	5833.12	-1020.92	-479.63	1127.97	4.27
6699.00	92.65	203.17	5831.72	-1049.30	-492.02	1158.92	2.67
6731.00	92.58	203.27	5830.26	-1078.68	-504.62	1190.88	0.38
6762.00	92.56	203.37	5828.87	-1107.12	-516.88	1221.83	0.33
6793.00	93.88	204.26	5827.13	-1135.43	-529.38	1252.77	5.13
6825.00	93.96	204.35	5824.94	-1164.53	-542.52	1284.70	0.38
6857.00	93.09	204.61	5822.97	-1193.59	-555.75	1316.63	2.84
6888.00	92.28	204.33	5821.52	-1221.78	-568.58	1347.60	2.76
6920.00	93.26	204.63	5819.98	-1250.87	-581.82	1379.56	3.20
6952.00	93.22	204.62	5818.17	-1279.91	-595.13	1411.51	0.13
6983.00	93.52	205.08	5816.35	-1307.99	-608.14	1442.45	1.77
7013.00	94.14	204.97	5814.34	-1335.11	-620.80	1472.39	2.10
7044.00	94.99	204.44	5811.87	-1363.19	-633.72	1503.29	3.23
7075.00	95.49	205.44	5809.04	-1391.18	-646.73	1534.16	3.59
7106.00	95.31	205.17	5806.13	-1419.08	-659.92	1565.02	1.04
7137.00	94.80	204.42	5803.39	-1447.11	-672.87	1595.90	2.92
7168.00	94.87	203.81	5800.78	-1475.31	-685.50	1626.78	1.97
7199.00	95.32	203.59	5798.03	-1503.58	-697.91	1657.65	1.61
7230.00	95.05	203.77	5795.23	-1531.85	-710.31	1688.52	1.05
7262.00	94.50	203.71	5792.56	-1561.04	-723.14	1720.40	1.73
7293.00	94.44	203.41	5790.15	-1589.37	-735.50	1751.29	0.98
7324.00	94.74	202.83	5787.67	-1617.79	-747.63	1782.18	2.10
7355.00	94.69	202.84	5785.12	-1646.27	-759.62	1813.05	0.16
7386.00	94.69	202.87	5782.58	-1674.74	-771.62	1843.92	0.10
7417.00	94.23	202.67	5780.17	-1703.23	-783.58	1874.81	1.62
7448.00	93.46	203.22	5778.09	-1731.72	-795.64	1905.72	3.05
7480.00	92.71	204.01	5776.37	-1760.99	-808.44	1937.66	3.40
7511.00	92.96	204.52	5774.84	-1789.22	-821.16	1968.62	1.83
7543.00	93.76	204.53	5772.96	-1818.28	-834.42	2000.56	2.50
7574.00	94.21	204.06	5770.81	-1846.47	-847.15	2031.48	2.10
7605.00	93.33	204.54	5768.77	-1874.66	-859.88	2062.41	3.23
7636.00	92.52	204.86	5767.19	-1902.79	-872.81	2093.37	2.81
7668.00	91.85	205.49	5765.97	-1931.73	-886.42	2125.35	2.87
7699.00	92.22	205.35	5764.87	-1959.71	-899.71	2156.33	1.28
7730.00	92.04	205.16	5763.72	-1987.72	-912.93	2187.31	0.84
7761.00	91.85	205.81	5762.66	-2015.69	-926.26	2218.29	2.18

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
7824.00	91.29	207.95	5760.94	-2071.86	-954.73	2281.23	3.51
7855.00	91.79	208.07	5760.10	-2099.22	-969.29	2312.17	1.66
7887.00	90.49	206.88	5759.47	-2127.60	-984.05	2344.14	5.51
7918.00	90.68	206.26	5759.15	-2155.33	-997.91	2375.12	2.09
7950.00	92.23	207.28	5758.34	-2183.89	-1012.32	2407.10	5.80
7982.00	92.12	206.37	5757.12	-2212.42	-1026.75	2439.06	2.86
8013.00	90.37	206.65	5756.45	-2240.16	-1040.58	2470.04	5.72
8044.00	90.00	206.01	5756.35	-2267.94	-1054.33	2501.03	2.38
8076.00	89.20	204.80	5756.57	-2296.84	-1068.06	2533.03	4.53
8107.00	88.95	204.97	5757.07	-2324.96	-1081.10	2564.02	0.98
8138.00	89.07	205.44	5757.61	-2353.01	-1094.30	2595.02	1.56
8170.00	88.95	205.39	5758.16	-2381.91	-1108.03	2627.01	0.41
8201.00	88.06	204.61	5758.97	-2409.99	-1121.13	2658.00	3.82
8232.00	87.66	205.01	5760.13	-2438.11	-1134.13	2688.98	1.82
8263.00	87.66	204.19	5761.39	-2466.27	-1147.02	2719.95	2.64
8294.00	87.53	204.80	5762.70	-2494.46	-1159.86	2750.92	2.01
8325.00	87.59	204.34	5764.01	-2522.62	-1172.74	2781.90	1.50
8356.00	87.53	203.97	5765.33	-2550.88	-1185.42	2812.86	1.21
8386.00	87.96	204.02	5766.51	-2578.27	-1197.61	2842.84	1.44
8417.00	88.03	204.44	5767.60	-2606.52	-1210.32	2873.81	1.37
8448.00	88.50	203.90	5768.54	-2634.79	-1223.01	2904.80	2.31
8480.00	89.51	204.74	5769.09	-2663.95	-1236.19	2936.79	4.10
8512.00	91.24	205.04	5768.88	-2692.97	-1249.65	2968.79	5.49
8542.00	91.29	205.27	5768.22	-2720.12	-1262.40	2998.78	0.78
8573.00	90.99	204.26	5767.61	-2748.26	-1275.38	3029.77	3.40
8605.00	92.22	204.31	5766.71	-2777.42	-1288.54	3061.76	3.85
8637.00	92.72	204.70	5765.33	-2806.51	-1301.80	3093.72	1.98
8668.00	92.91	204.26	5763.81	-2834.69	-1314.63	3124.69	1.54
8699.00	93.45	204.60	5762.09	-2862.87	-1327.43	3155.64	2.06
8730.00	93.83	204.57	5760.12	-2891.00	-1340.30	3186.57	1.23
8762.00	93.02	204.88	5758.21	-2920.02	-1353.66	3218.52	2.71
8793.00	91.05	204.50	5757.11	-2948.16	-1366.60	3249.49	6.47
8824.00	90.43	205.23	5756.71	-2976.29	-1379.64	3280.49	3.09
8841.00	91.98	205.57	5756.35	-2991.64	-1386.93	3297.49	9.33
8872.00	92.72	205.98	5755.08	-3019.53	-1400.40	3328.46	2.73
8903.00	93.26	206.05	5753.46	-3047.35	-1413.97	3359.41	1.76
8934.00	92.65	206.04	5751.86	-3075.17	-1427.57	3390.36	1.97
8965.00	92.53	205.22	5750.46	-3103.09	-1440.96	3421.33	2.67
8996.00	91.66	205.20	5749.33	-3131.12	-1454.16	3452.31	2.81
9028.00	91.66	205.11	5748.40	-3160.07	-1467.75	3484.29	0.28
9060.00	92.66	205.67	5747.20	-3188.96	-1481.46	3516.27	3.58
9090.00	92.47	205.37	5745.85	-3216.01	-1494.38	3546.24	1.18
9153.00	92.52	205.89	5743.11	-3272.75	-1521.60	3609.18	0.83
9216.00	92.10	205.63	5740.57	-3329.45	-1548.96	3672.12	0.78
9279.00	92.03	205.99	5738.30	-3386.12	-1576.37	3735.07	0.58
9342.00	91.97	207.50	5736.10	-3442.35	-1604.70	3798.00	2.40
9404.00	92.09	207.98	5733.91	-3497.19	-1633.54	3859.89	0.80
9466.00	91.60	207.34	5731.91	-3552.07	-1662.31	3921.80	1.30
9529.00	92.35	208.59	5729.74	-3607.68	-1691.84	3984.67	2.31
9592.00	91.73	208.42	5727.50	-3663.01	-1721.88	4047.52	1.02

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head NS (ft)	Well Head EW (ft)	VSect (ft)	Dogleg (deg/100ft)
9655.00	91.48	209.58	5725.73	-3718.09	-1752.41	4110.34	1.88
9718.00	92.10	209.56	5723.76	-3772.86	-1783.49	4173.11	0.98
9782.00	92.22	210.30	5721.35	-3828.28	-1815.40	4236.83	1.17
9844.00	92.54	210.66	5718.78	-3881.67	-1846.82	4298.50	0.78
9907.00	92.40	209.48	5716.06	-3936.14	-1878.35	4361.19	1.88
9969.00	92.22	210.41	5713.56	-3989.82	-1909.28	4422.91	1.53
10032.00	92.59	210.03	5710.92	-4044.21	-1940.96	4485.60	0.84
10095.00	91.29	209.91	5708.79	-4098.75	-1972.41	4548.32	2.07
10157.00	91.67	210.75	5707.19	-4152.24	-2003.71	4610.04	1.49
10220.00	91.85	210.06	5705.25	-4206.55	-2035.58	4672.73	1.13
10283.00	92.83	210.45	5702.68	-4260.93	-2067.29	4735.41	1.67
10346.00	92.91	210.60	5699.52	-4315.13	-2099.25	4798.04	0.27
10409.00	92.29	210.25	5696.67	-4369.40	-2131.12	4860.70	1.13
10471.00	91.55	210.15	5694.59	-4422.95	-2162.29	4922.41	1.20
10500.00	91.79	210.56	5693.74	-4447.96	-2176.94	4951.27	1.64

Weatherford surveys from 5138 ft MD to 10500 ft MD.
TD at 10560 ft MD.
The total correction is 11.21 deg relative to True North.

Newfield : 20 Stage Frac Job with 19 Ball Drop Sleeves

Company	Newfield		
Location	3A-1-9-18H		
Prepared For	Marc Barella	Phone	Phone Number
Service Rep	Jerry Bausch/Josh Olsen	Sales Rep	Marty Henline
Service Center	Vernal	Date	13-Jan-11

Other Relative Frac String Information		
Top of 4 1/2" Casing	6,205	MD (ft)
Bottom of 5 1/2" Casing	6,203	MD (ft)
Open Hole Size	6 1/8	(in)
Total Measured Depth	10,539	MD (ft)

Weatherford ZoneSelect

Intermediate Casing		
Size		in
Weight		lbs/ft
Grade		
Burst		psi
Shoe		MD (ft)
Capacity		bbls/ft

4 1/2" Casin in Lateral		
Size	4 1/2	in
Weight	11.60	lbs/ft
Grade	P-110	
Burst	10,690	psi
Collapse	7,560	psi
Capacity	0.01554	bbls/ft

5 1/2" Casing to Surf.		
Size	5 1/2	in
Weight	20.00	lbs/ft
Grade	L-80	
Burst	9,190	psi
Collapse	8,830	psi
Capacity	0.02217	bbls/ft

Frac Sleeve Information		
Zone	Ball Seat ID (in)	Ball Size (in)
1	Toe Sleeve	1.235"
2	1.260"	1.290"
3	1.315"	1.345"
4	1.370"	1.400"
5	1.425"	1.445"
6	1.480"	1.510"
7	1.535"	1.565"
8	1.590"	1.620"
9	1.645"	1.675"
10	1.700"	1.730"
11	1.769"	1.890"
12	1.916"	2.040"
13	2.063"	2.190"
14	2.210"	2.330"
15	2.357"	2.480"
16	2.504"	2.630"
17	2.651"	2.770"
18	2.798"	2.920"
19	2.945"	3.120"
20	3.140"	3.310"

Depth and Displacement Information				
Zone	Packer Depth (ft)	Sleeve Depth (ft)	Sleeve Disp. (bbls)	Length of Zone (ft)
1	10,359	10,456	203.6	180
2	10,170	10,268	200.7	189
3	9,975	10,073	197.7	195
4	9,783	9,878	194.6	192
5	9,588	9,686	191.7	195
6	9,395	9,492	188.6	193
7	9,199	9,299	185.6	196
8	9,004	9,102	182.6	195
9	8,811	8,908	179.6	193
10	8,617	8,717	176.6	194
11	8,424	8,520	173.5	193
12	8,188	8,332	170.6	236
13	7,904	8,048	166.2	284
14	7,622	7,764	161.8	282
15	7,351	7,491	157.5	271
16	7,114	7,211	153.2	237
17	6,917	7,018	150.2	197
18	6,726	6,827	147.2	191
19	6,531	6,629	144.2	195
20	6,334	6,436	141.2	197

Notes:

1. Frac Sleeves Pinned to 2000 Psi
2. Toe Sleeve Pinned to 4200
3. Swell Packer Type: Water W-5
4. Tested Liner Top Packer to N?A
5. 4 1/2" Shoe @ MD 10,521'
6. ACP Depths 5,037', 5,020' Pinned to Open @ 2700 psi
7. Port Collar Depth @ 5,010'