

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-81000	
6. If Indian, Allottee or Tribe Name NA	
7. If Unit or CA Agreement, Name and No. NA	
8. Lease Name and Well No. Federal 11-30-8-16	
9. API Well No. 43-013-34183	
10. Field and Pool, or Exploratory Monument Butte Understrated	11. Sec., T. R. M. or Blk. and Survey or Area Sec. 30, T8S R16E
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximately 10.8 miles southwest of Myton, UT	15. Distance from proposed* location to nearest property or lease line, ft. Approx. 1202' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)
16. No. of acres in lease 580.24	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. 1202'	19. Proposed Depth 6,540'
20. BLM/BIA Bond No. on file WYB000493	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5702' GL
22. Approximate date work will start* 2nd Qtr - 2009	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:

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 12/29/08
--	--	------------------

Title
Regulatory Specialist

Approved by Signature <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 01-22-09
---	---	------------------

Title
Office ENVIRONMENTAL MANAGER

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.

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)

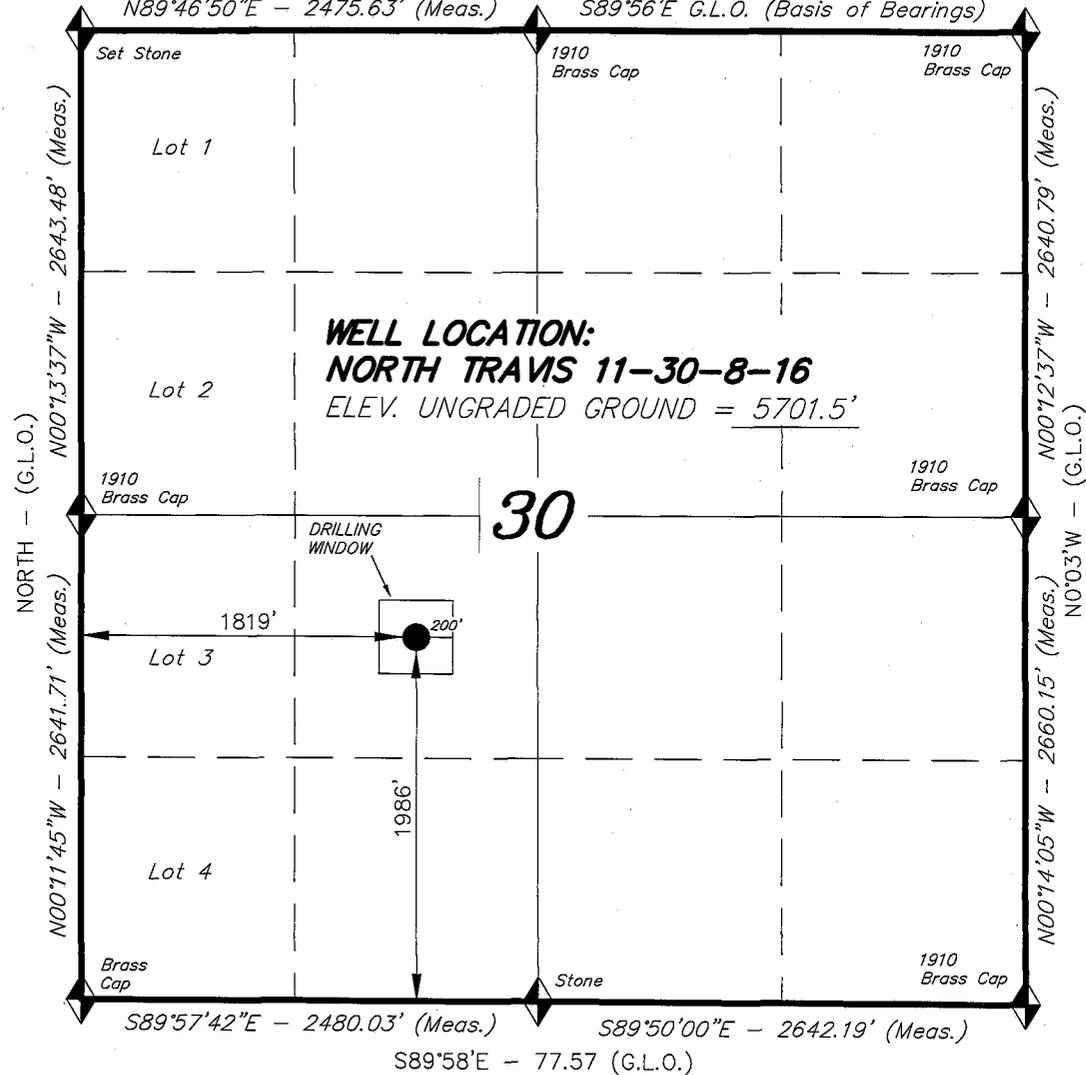
*(Instructions on page 2)

RECEIVED
JAN 14 2009
DIV. OF OIL, GAS & MINING

Federal Approval of this
Action is Necessary

T8S, R16E, S.L.B.&M.

S89°56'E - 77.49 (G.L.O.) 2645.49' (Measured)
 N89°46'50"E - 2475.63' (Meas.) S89°56'E G.L.O. (Basis of Bearings)



WELL LOCATION:
NORTH TRAVIS 11-30-8-16
 ELEV. UNGRADED GROUND = 5701.5'

30

NORTH - (G.L.O.)
 N00°13'37"W - 2643.48' (Meas.)

N00°12'37"W - 2640.79' (Meas.)
 N0°03'W - (G.L.O.)

N00°11'45"W - 2641.71' (Meas.)

N00°14'05"W - 2660.15' (Meas.)

S89°57'42"E - 2480.03' (Meas.) S89°50'00"E - 2642.19' (Meas.)
 S89°58'E - 77.57 (G.L.O.)

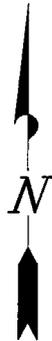
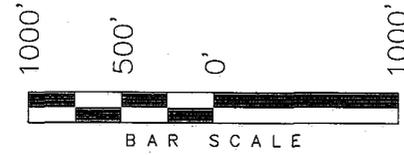
◆ = SECTION CORNERS LOCATED

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

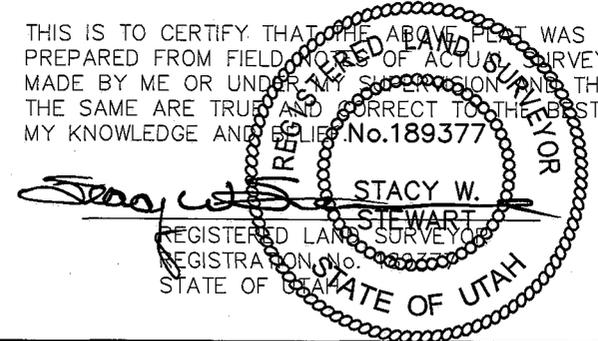
NORTH TRAVIS 11-30-8-16
 (Surface Location) NAD 83
 LATITUDE = 40° 05' 13.67"
 LONGITUDE = 110° 09' 52.28"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, NORTH TRAVIS 11-30-8-16,
 LOCATED AS SHOWN IN THE NE 1/4 SW 1/4
 OF SECTION 30, T8S, R16E, S.L.B.&M.
 DUCHESNE 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. No. 189377



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

DATE SURVEYED: 10-28-08	SURVEYED BY: T.H.
DATE DRAWN: 10-29-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL 11-30-8-16
NE/SW SECTION 30, T8S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**
Uinta formation of Upper Eocene Age
2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**
Uinta 0' – 1705'
Green River 1705'
Wasatch 6540'
Base of Moderately Saline Ground Water @ 5300'
3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**
Green River Formation 1705' – 6540' - Oil
4. **PROPOSED CASING PROGRAM**
Please refer to the Monument Butte Field Standard Operation Procedure (SOP).
5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**
Please refer to the Monument Butte Field SOP. See Exhibit "C".
6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**
Please refer to the Monument Butte Field SOP.
7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**
Please refer to the Monument Butte Field SOP.
8. **TESTING, LOGGING AND CORING PROGRAMS:**
Please refer to the Monument Butte Field SOP.
9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**
The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.
10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**
Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY

FEDERAL 11-30-8-16

NE/SW SECTION 30, T8S, R16E

DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal 11-30-8-16 located in the NE 1/4 SW 1/4 Section 30, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 7.0 miles \pm to its junction with the beginning of the proposed access road to the southwest; proceed southwesterly along the proposed access road - 7760' \pm ; turn and proceed in a westerly direction along the proposed access road - 2570' \pm ; turn and proceed in a northerly direction along the proposed access road - 1740' \pm ; turn and proceed in a easterly direction - 800' \pm 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

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

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 (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Surveys have been completed the reports will be forthcoming.

Newfield Production Company requests a 1490' ROW in Lease UTU-69061, a 3480' ROW in Lease UTU-69060, a 1090' ROW in Lease UTU-77339, and 6810' of disturbed area be granted in Lease UTU-81000 to allow for construction of the planned access road. **Refer to Topographic Map "B"**. A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 800' of disturbed area be granted in Lease UTU-81000 to allow for construction of the proposed surface gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 10" or smaller gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. 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 800' of disturbed area be granted in Lease UTU-81000 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

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), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 15 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between May 15 and June 15 within a 0.5 mile radius of any documented mountain plover nest site.

Reserve Pit Liner

A 16 mil liner with felt is required. 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)

Squirrel Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Concinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Federal 11-30-8-16 was on-sited on 11/13/08. The following were present; Dave Allred (Newfield Production), Tim Eaton (Newfield Production), James Herford (Bureau of Land Management), Brandon McDonald (Bureau of Land Management), and Dave Gordon (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

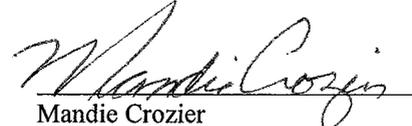
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #11-30-8-16 NE/SW Section 30, Township 8S, Range 16E: Lease UTU-81000 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the

operations conducted upon the leased lands. Bond coverage is provided by, 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.

12/29/08

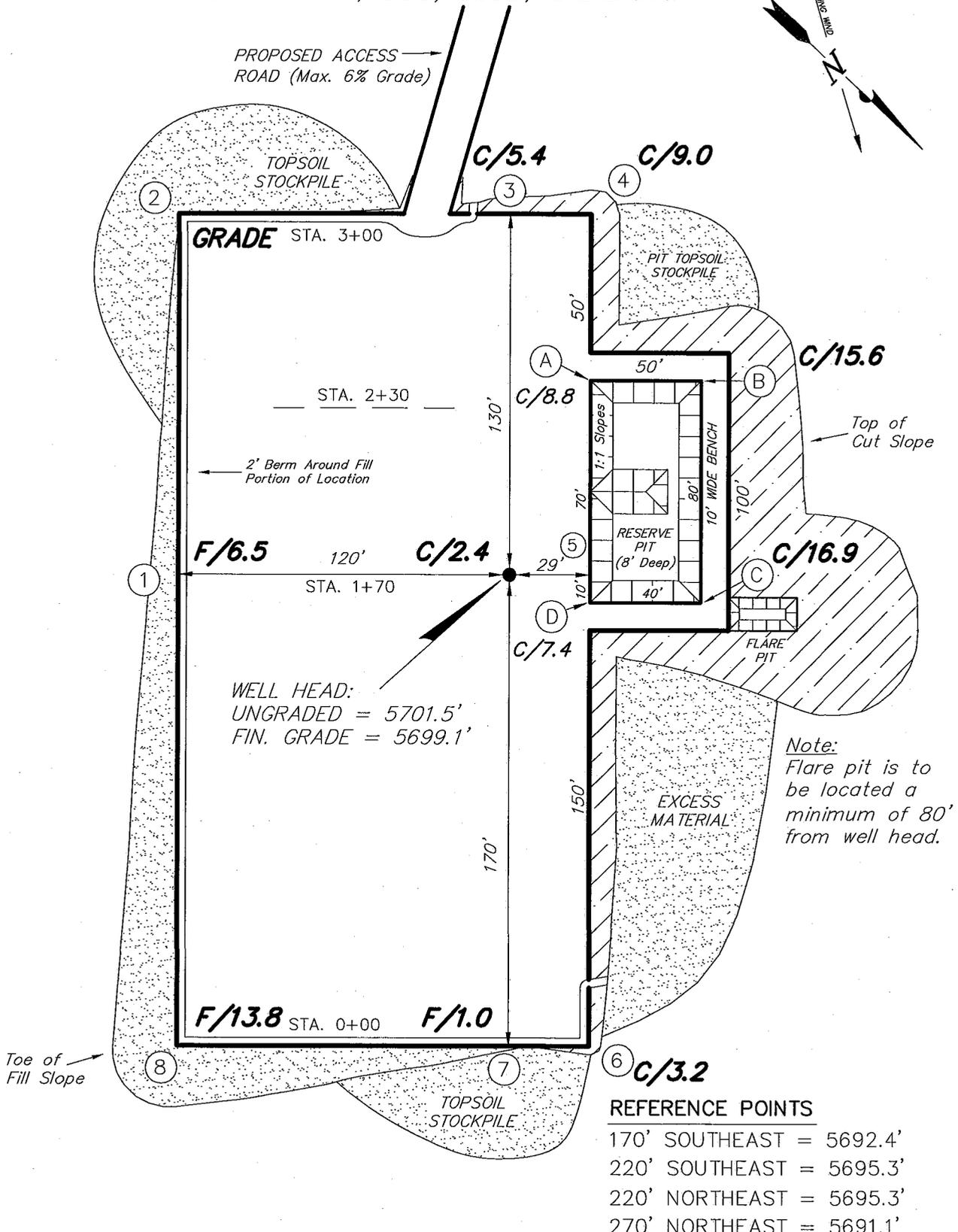
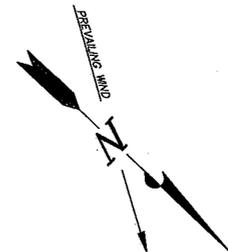
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

NORTH TRAVIS 11-30-8-16

Section 30, T8S, R16E, S.L.B.&M.



WELL HEAD:
UNGRADED = 5701.5'
FIN. GRADE = 5699.1'

Note:
Flare pit is to be located a minimum of 80' from well head.

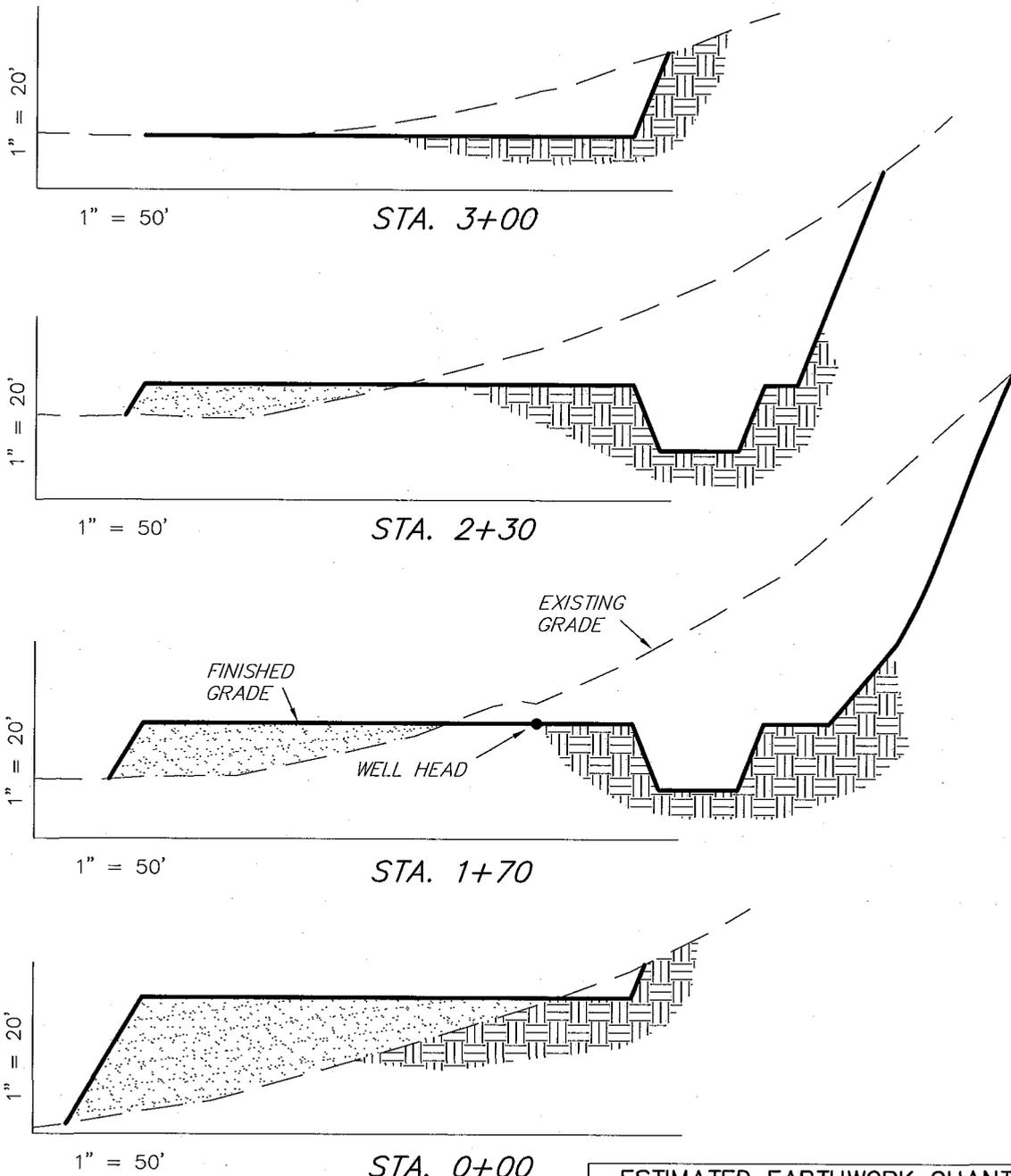
- REFERENCE POINTS**
- 170' SOUTHEAST = 5692.4'
 - 220' SOUTHEAST = 5695.3'
 - 220' NORTHEAST = 5695.3'
 - 270' NORTHEAST = 5691.1'

SURVEYED BY: T.H.	DATE SURVEYED: 10-28-08
DRAWN BY: F.T.M.	DATE DRAWN: 10-29-08
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS NORTH TRAVIS 11-30-8-16



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

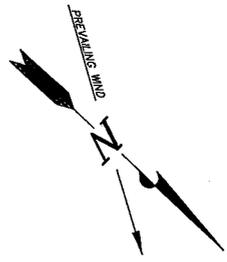
ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	7,240	7,010	Topsoil is not included in Pad Cut	230
PIT	640	0		640
TOTALS	7,880	7,010	1,200	870

SURVEYED BY: T.H.	DATE SURVEYED: 10-28-08
DRAWN BY: F.T.M.	DATE DRAWN: 10-29-08
SCALE: 1" = 50'	REVISED:

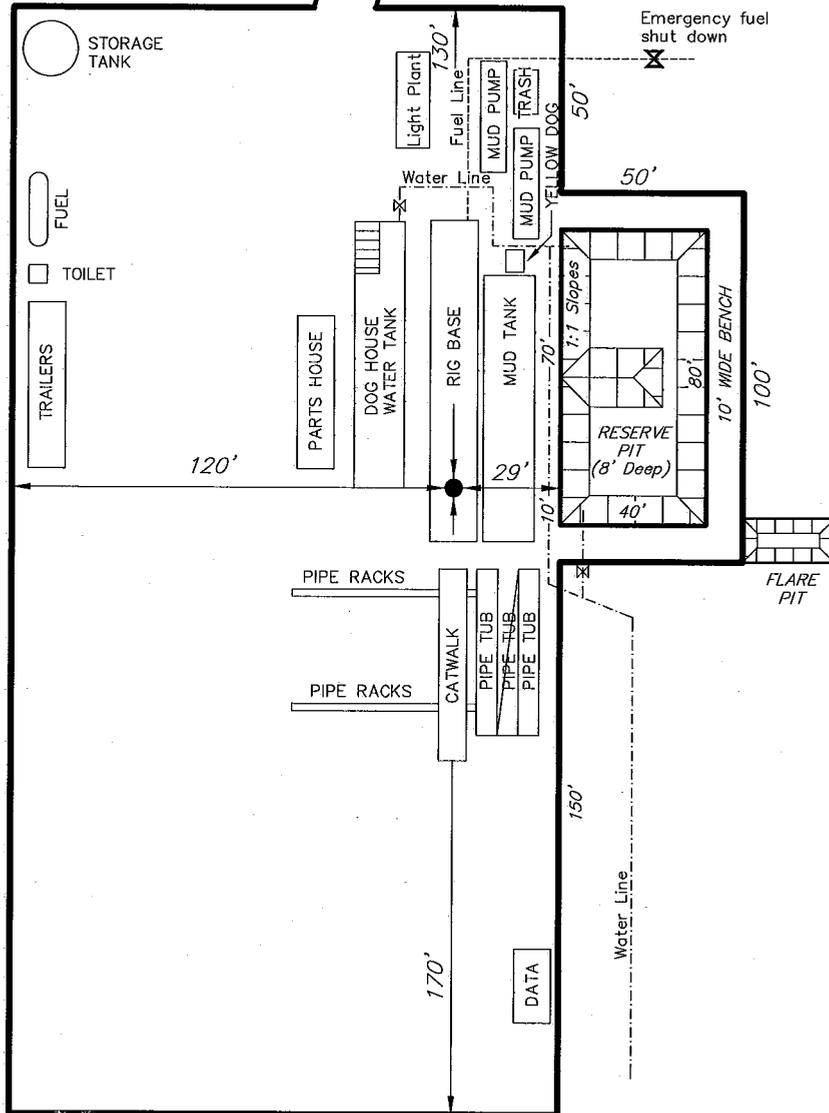
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT NORTH TRAVIS 11-30-8-16



PROPOSED ACCESS ROAD (Max. 6% Grade)



SURVEYED BY: T.H.	DATE SURVEYED: 10-28-08
DRAWN BY: F.T.M.	DATE DRAWN: 10-29-08
SCALE: 1" = 50'	REVISED:

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

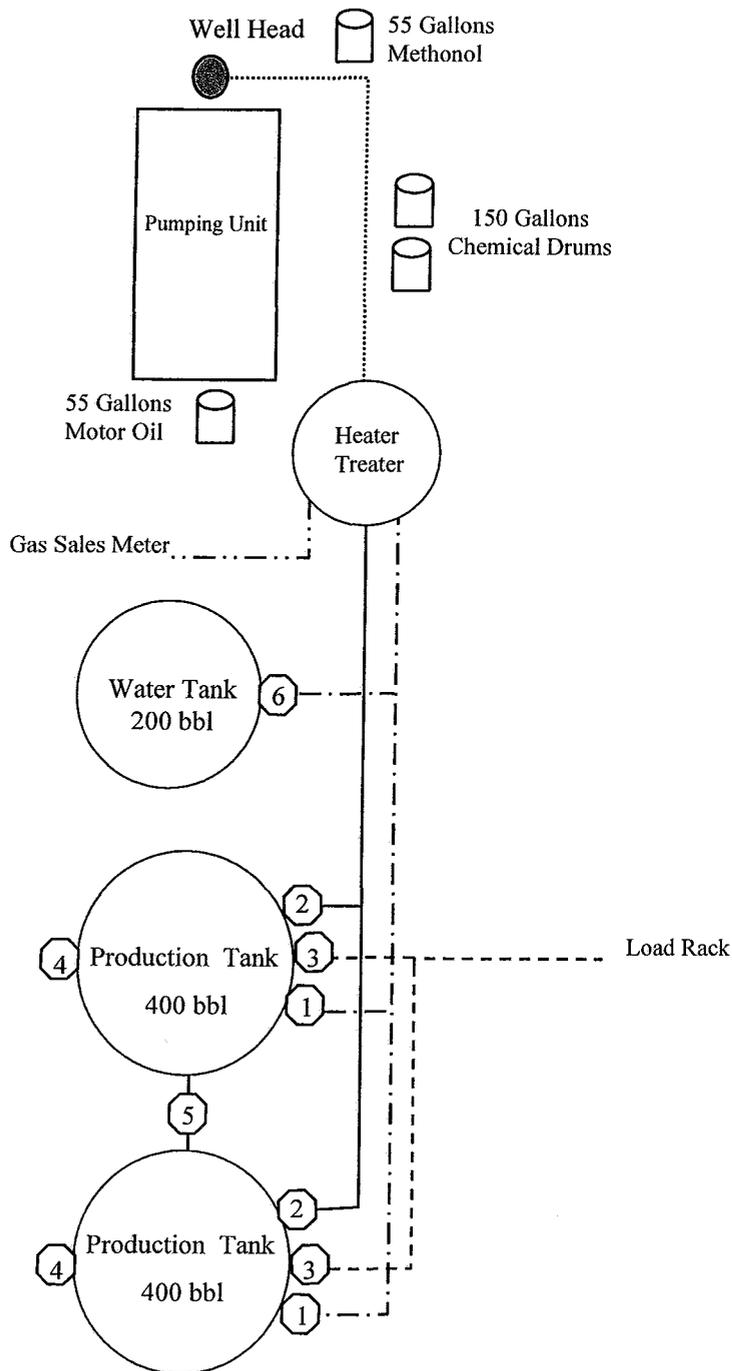
Nowfield Production Company Proposed Site Facility Diagram

Federal 11-30-8-16

NE/SW Sec. 30, T8S, R16E

Duchesne County, Utah

UTU-81000



Legend

Emulsion Line
Load Rack	-----
Water Line	- . - . - .
Gas Sales	- . - . - .
Oil Line	_____

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

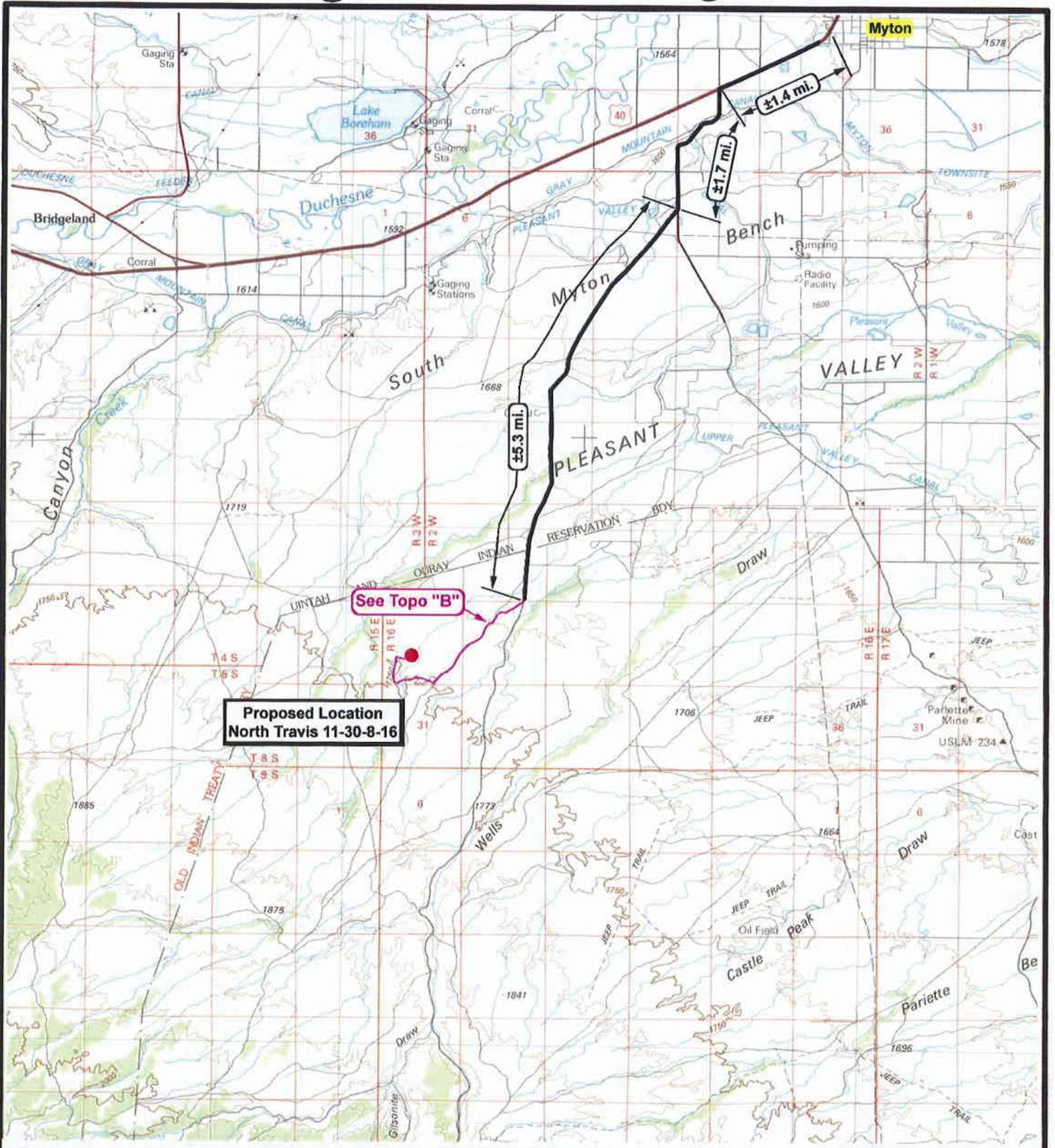
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Diked Section





**Proposed Location
North Travis 11-30-8-16**

See Topo "B"


NEWFIELD
 Exploration Company

North Travis 11-30-8-16
SEC. 30, T8S, R16E, S.L.B.&M.


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

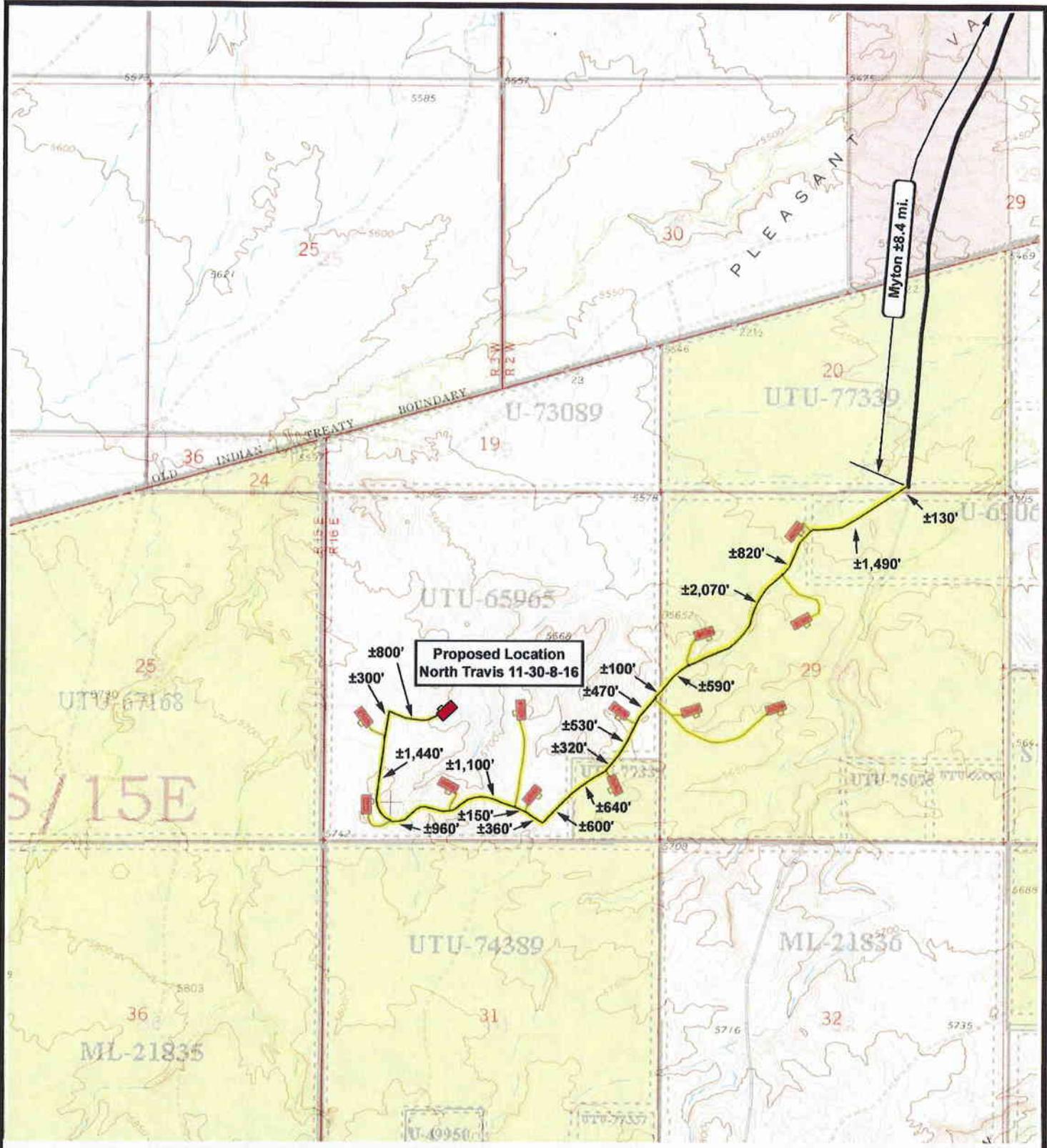
SCALE: 1 = 100,000
 DRAWN BY: JAS
 DATE: 11-03-2008

Legend

 Existing Road
 Proposed Access

TOPOGRAPHIC MAP

"A"



 **NEWFIELD**
Exploration Company

North Travis 11-30-8-16
SEC. 30, T8S, R16E, S.L.B.&M.



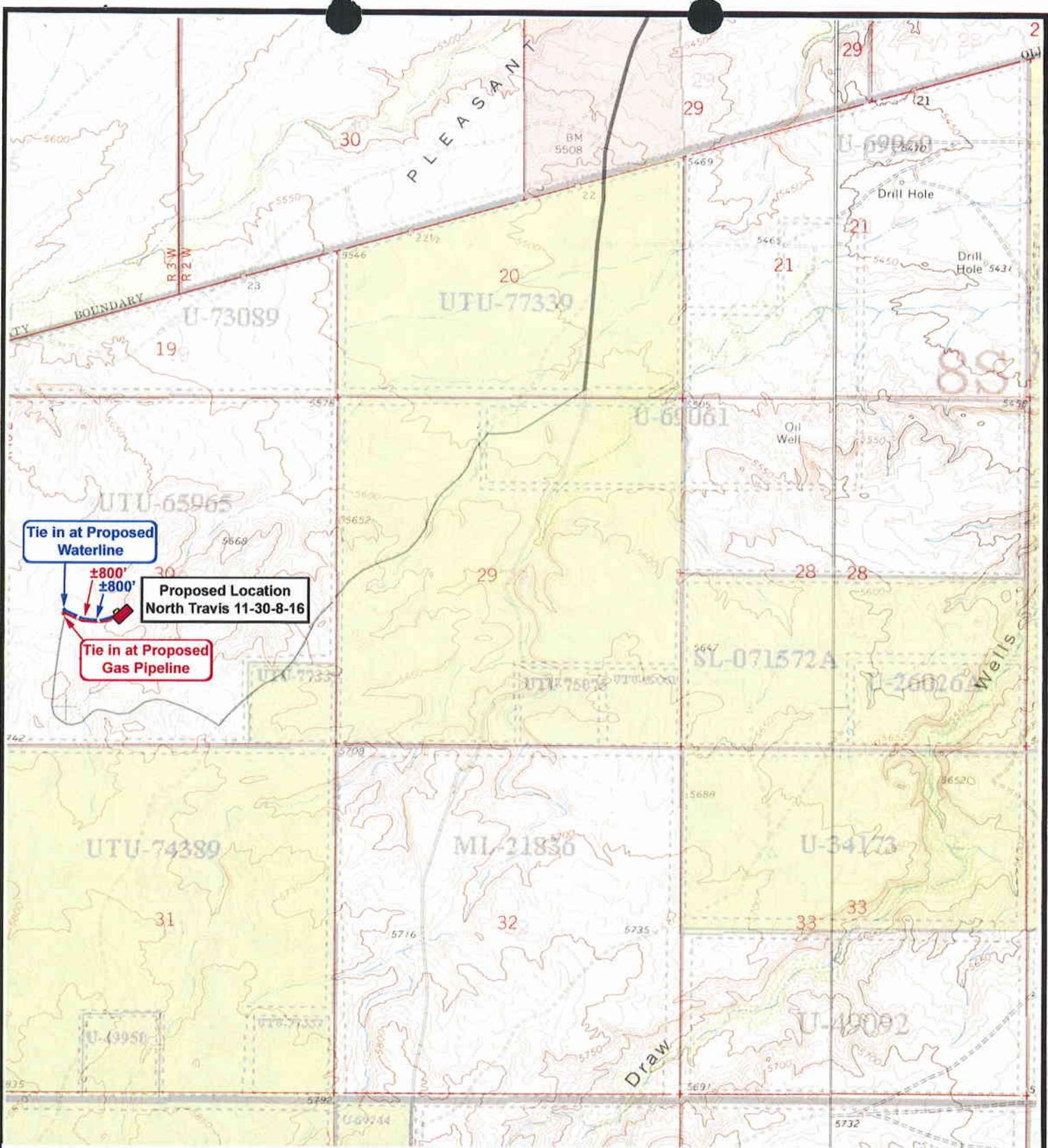

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 11-03-2008

Legend

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP
"B"



Tie in at Proposed Waterline

±800'
±800'

Proposed Location
North Travis 11-30-8-16

Tie in at Proposed Gas Pipeline

NEWFIELD
Exploration Company

North Travis 11-30-8-16
SEC. 30, T8S, R16E, S.L.B.&M.



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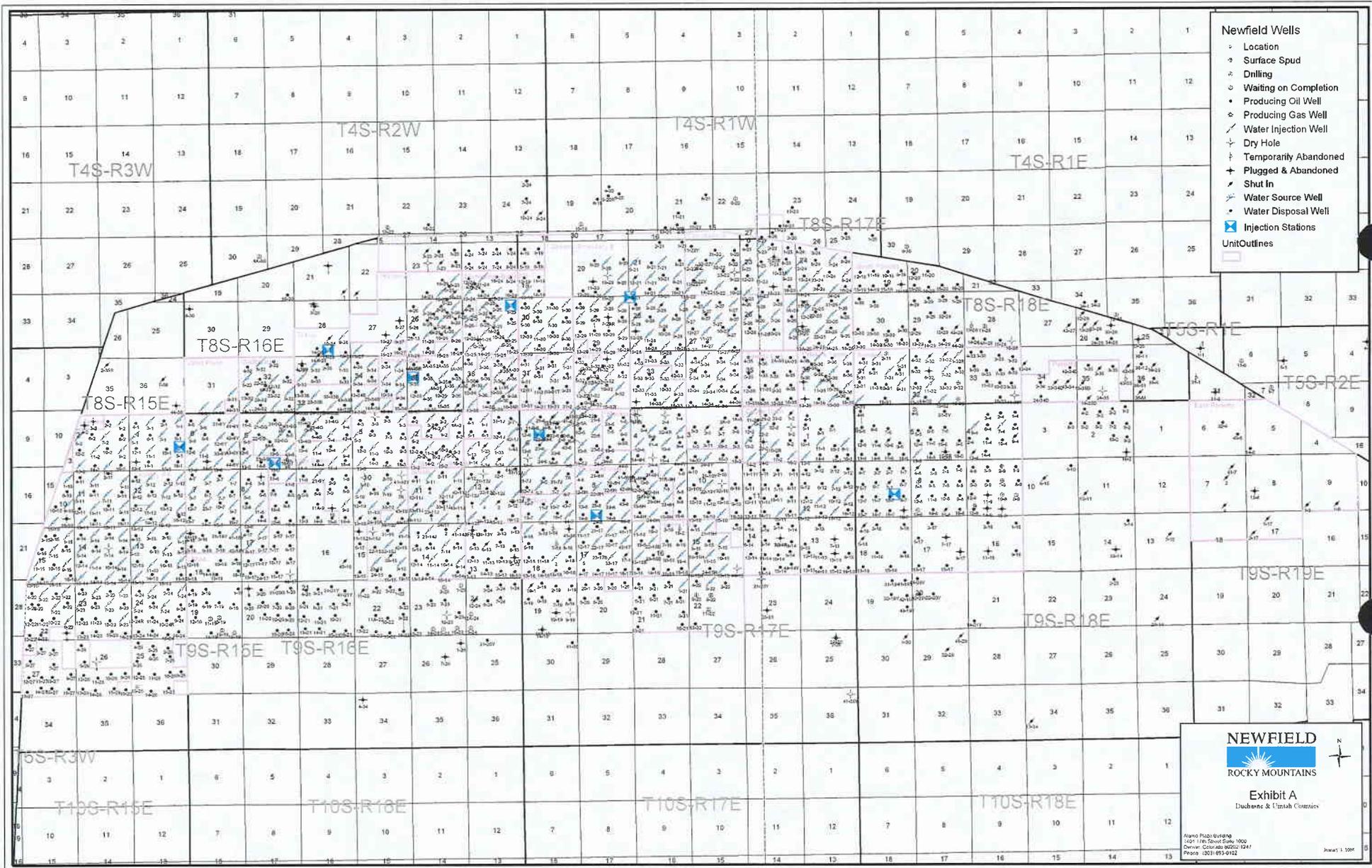
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 11-19-2008

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"



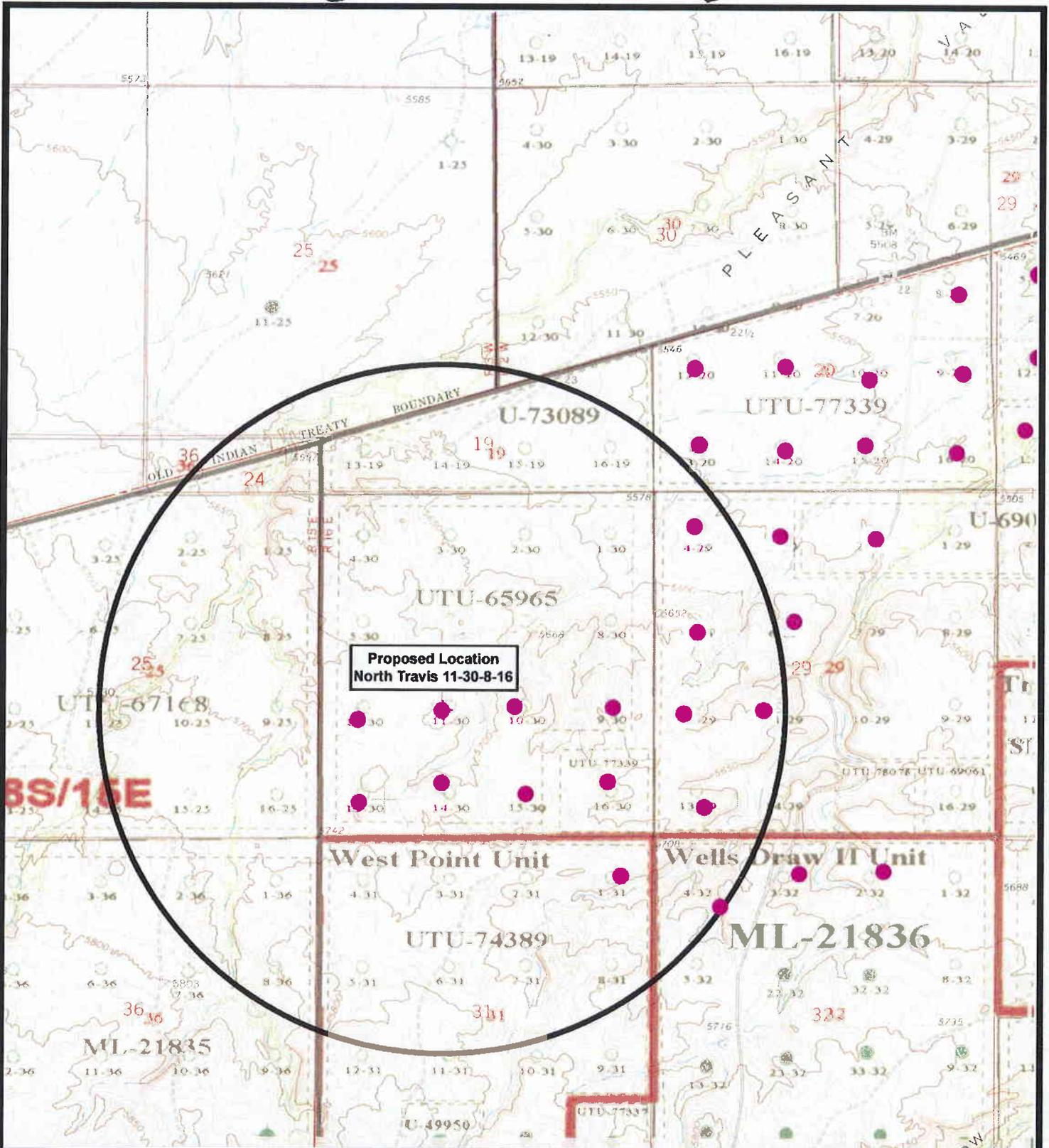
- Newfield Wells**
- Location
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - ⊥ Dry Hole
 - ⊥ Temporarily Abandoned
 - ⊥ Plugged & Abandoned
 - ⊥ Shut In
 - Water Source Well
 - Water Disposal Well
 - ⊠ Injection Stations
- Unit Outlines**

NEWFIELD
 ROCKY MOUNTAINS

Exhibit A
 Duchesne & Uintah Counties

Alvaro Pabon-Burton
 1401 17th Street, Suite 300
 Denver, Colorado 80202-1247
 Phone: (303) 455-4122

June 1, 2004



**Proposed Location
North Travis 11-30-8-16**

NEWFIELD
Exploration Company

**North Travis 11-30-8-16
SEC. 30, T8S, R16E, S.L.B.&M.**

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

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 10-03-2008

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM
Blowout Prevention Equipment Systems

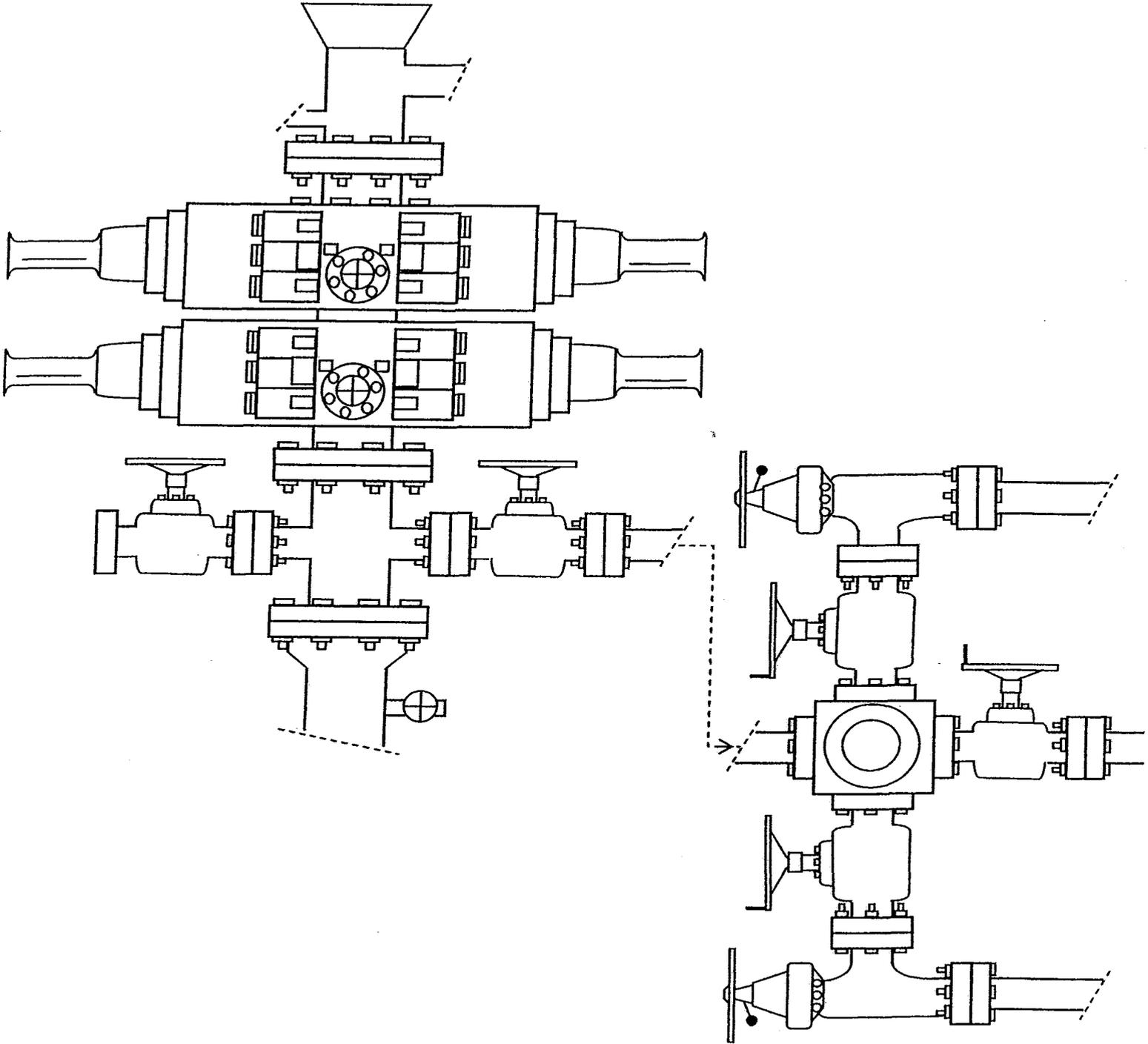


EXHIBIT C

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/14/2009

API NO. ASSIGNED: 43-013-34183

WELL NAME: FEDERAL 11-30-8-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NESW 30 080S 160E
 SURFACE: 1986 FSL 1819 FWL
 BOTTOM: 1986 FSL 1819 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.08723 LONGITUDE: -110.1638
 UTM SURF EASTINGS: 571292 NORTHINGS: 4437563
 FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-81000
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-7478)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: _____
- Eff Date: _____
- Siting: _____
- R649-3-11. Directional Drill

COMMENTS: Sop, Special Dr

STIPULATIONS: 1- Federal Approval
2- Spacing Strip

API Number: 4301334183

Well Name: FEDERAL 11-30-8-16

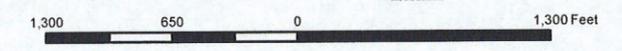
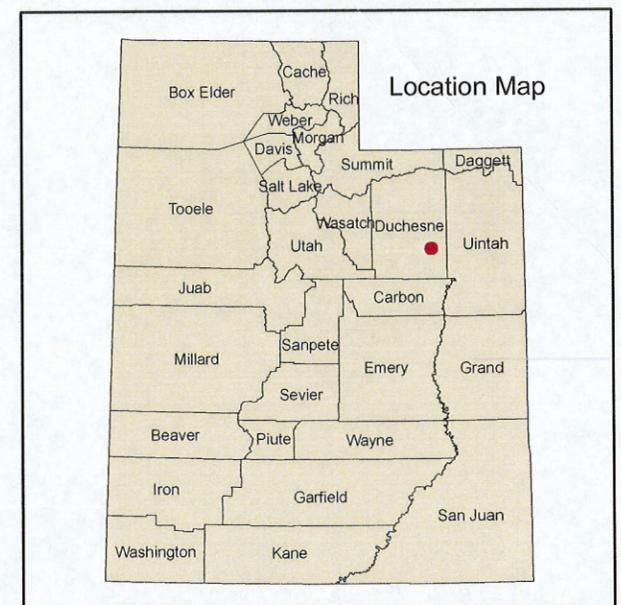
Township 08.0 S Range 16.0 E Section 30

Meridian: SLBM

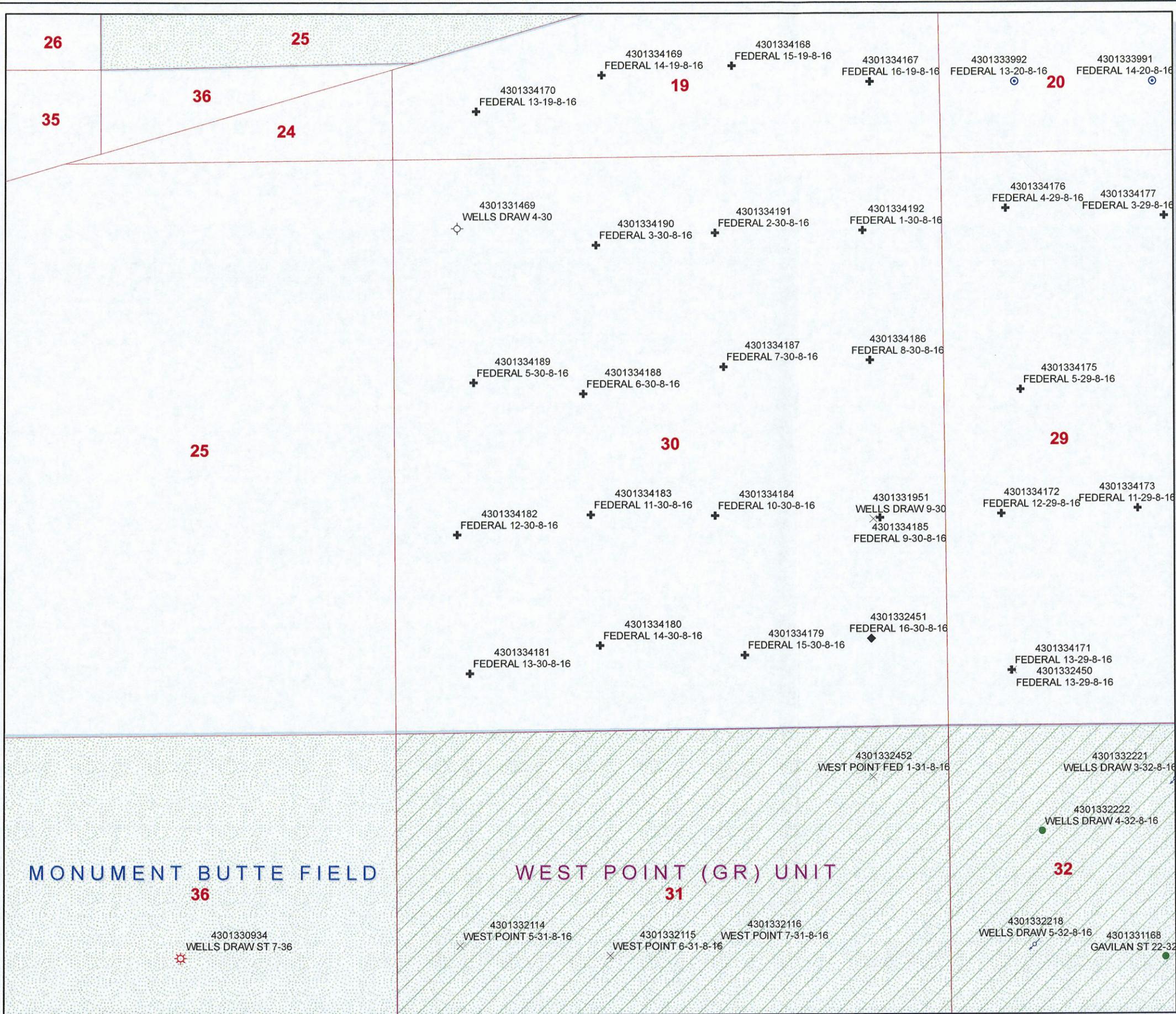
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units	Wells Query Events
STATUS	<all other values>
ACTIVE	<Null>
EXPLORATORY	APD
GAS STORAGE	DRL
NF PP OIL	GI
NF SECONDARY	GS
PI OIL	LA
PP GAS	NEW
PP GEOTHERML	OPS
PP OIL	PA
SECONDARY	PGW
TERMINATED	POW
Fields	RET
STATUS	SGW
ACTIVE	SOW
COMBINED	TA
Sections	TW
	WD
	WI
	WS



1:11,343





JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
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

January 22, 2009

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

Re: Federal 11-30-8-16 Well, 1986' FSL, 1819' FWL, NE SW, Sec. 30, T. 8 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

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. The API identification number assigned to this well is 43-013-34183.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office



Operator: Newfield Production Company
Well Name & Number Federal 11-30-8-16
API Number: 43-013-34183
Lease: UTU-81000

Location: NE SW Sec. 30 T. 8 South R. 16 East

Conditions of Approval

1. 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.

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		7. If Unit or CA Agreement, Name and No. NA <u>Greater Mon. Butte</u>	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		8. Lease Name and Well No. Federal 11-30-8-16	
2. Name of Operator <u>Newfield Production Company</u>		9. API Well No. <u>43 013 34183</u>	
3a. Address <u>Route #3 Box 3630, Myton UT 84052</u>	3b. Phone No. (include area code) <u>(435) 646-3721</u>	10. Field and Pool, or Exploratory <u>Monument Butte</u>	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <u>NE/SW 1986' FSL 1819' FWL</u> At proposed prod. zone		11. Sec., T. R. M. or Blk. and Survey or Area <u>Sec. 30, T8S R16E</u>	
14. Distance in miles and direction from nearest town or post office* <u>Approximately 10.8 miles southwest of Myton, UT</u>		12. County or Parish <u>Duchesne</u>	13. State <u>UT</u>
15. Distance from proposed* location to nearest property or lease line, ft. <u>Approx. 1202' f/lse, NA' f/unit</u> (Also to nearest drig. unit line, if any)	16. No. of acres in lease <u>580.24</u>	17. Spacing Unit dedicated to this well <u>40 Acres</u>	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <u>Approx. 1202'</u>	19. Proposed Depth <u>6,540'</u>	20. BLM/BIA Bond No. on file <u>WYB000493</u>	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <u>5702' GL</u>	22. Approximate date work will start* <u>2nd Qtr. 2009</u>	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:

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

25. Signature <u>Mandie Crozier</u>	Name (Printed/Typed) <u>Mandie Crozier</u>	Date <u>12/29/08</u>
Title <u>Regulatory Specialist</u>		

Approved by (Signature) <u>Stephanie J Howard</u>	Name (Printed/Typed) <u>Stephanie J Howard</u>	Date <u>12/16/09</u>
Title <u>Acting Assistant Field Manager</u>	Office <u>VERNAL FIELD OFFICE</u>	

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
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AFMSS# 09SX50126A



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DIV. OF OIL, GAS & MINING

BLM VERNAL, UTAH



**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:	NESW, Sec. 30, T8S, R16E
Well No:	Federal 11-30-8-16	Lease No:	UTU-81000
API No:	43-013-34183	Agreement:	Greater Monument Butte (GR) Unit

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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DIV. OF OIL, GAS & MINING

**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.

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**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- 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.
- Construction and drilling is not allowed from May 1 – June 15 to minimize impacts during mountain plover nesting.
- If it is anticipated that construction or drilling will occur during any of the given timing restrictions, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be granted by the BLM Authorized Officer.

Reclamation:

Interim Reclamation:

- Interim reclamation of the surface environment shall take place after drilling and completion and the well is placed into production. At a minimum, this will include the stabilization of the soil surface during construction, recontouring of the unused pad area, and the reserve pit to the original contour to the extent possible, and the re-spreading of the top soil after recontouring takes place, up to the rig anchor points and any area not needed for production. Buried pipelines will be recontoured, the salvaged topsoil redistributed and reseeded. The outside borrow of the access road will have the top soil salvaged and re-spread and reseeded. The area will be reseeded using appropriate seeding methods, which includes, but is not limited to, the drill seeding method (see below). Any adjustments, due to site specific production concerns, to the reclamation COAs in this document can be submitted on Sundry form 3160-5.
- The reclamation objective is to establish a desired self-perpetuating diverse plant community. The objective is to attain **75% basal cover** based on similar undisturbed adjacent native vegetative community, and comprised of desired species and/or seeded species within 5 years of initial reclamation action. However if after three (3) growing seasons there is less than **30%** of the basal cover based on similar undisturbed native vegetative community, then the Authorized Officer may require additional seeding efforts.
- Topsoil will be segregated from the subsoil (without mixing them), stockpiled separately from other soil materials, and maintained for future use in rehabilitating the locations.

- Topsoil piles stored beyond one growing season will be stabilized and seeded to prevent erosion.
- Topsoil storage areas will be identified with appropriate signage, so it is easily identifiable where topsoil is on location.
- Noxious and invasive weeds will be inventoried and monitored. Noxious and invasive weeds will be controlled through integrated weed management including chemical, mechanical, and biological control methods. An approved Pesticide Use Proposal (PUP) is required for all herbicide applications.
- All trash and waste materials not needed for production will be removed immediately.
- Earth work for interim and final reclamation must be completed within 6 months following well completion or well plugging (weather permitting).
- Salvaged topsoil will be re-distributed evenly, and to pre-disturbance depths, over the surfaces to be revegetated.
- The soil surface will be prepared to provide a seedbed for re-establishment of desirable vegetation. Site preparation may include gouging, scarifying, dozer track-walking, mulching, hydro mulching, contour furrowing, water terracing, fertilizing, disking, soil additives or other approved methods. The seedbed preparations will be determined to accomplish the reclamation objectives above.
- The seeding contractor will provide all seed tags to the appropriate SMA prior to seeding efforts.
- Seeding will occur after August 15 and prior to winter freezing of the soil.
- Drill seeding will be used except in areas where topography or substrate composition (rock) precludes the use of the drill. If drill seeding is not possible, broadcast seeding will be implemented. If the broadcast method is used (such as on slopes of 40 percent or greater), the seed rates established for drill seeding will be doubled and seed will be immediately covered to prevent seed desiccation or predation by birds or rodents. The seeds can be covered in several ways including spreading and crimping straw over the seeded area, raking the area by hand, or dragging a chain or chain-linked fence over the seeded area.
- Any altered drainages or water courses will be stabilized through rip rap, berming, seeding, matting, or other approved methods, and will be reconstructed to have the characteristics and features of nearby functional drainages. Any disturbance to "dashed line" drainages as depicted on USGS 1:24,000 topographic maps will be coordinated with the corps of engineers prior to disturbance.

Final Reclamation:

- Final Reclamation will be similar to interim reclamation except, all disturbance associated with the well location, access road and pipeline will be reclaimed. The seed mix may include more shrubs and native species. The visual composition will be reestablished to blend with the natural surroundings through recontouring and reseeding.
- After pipeline installation is complete, all disturbed areas will be reseeded. The seed mixtures to be used will be similar to the vegetation of the surrounding areas and may consist of grasses, forbs, or shrubs. A recommended seed mixture is provided in the table below.

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Monitoring:

- The initial monitoring report will include but is not limited to: when the recontouring and seeding was completed. The seed applied, the amounts, and the depth of application. Seedbed preparation such as disking , mulching, etc. Seed application such as drilling or broadcast seeding. Are there any soil amendments, fertilizers, watering, etc. The amounts of noxious and invasive weeds. Are any fencing requirements needed.
- Prior to any surface disturbance, vegetative monitoring locations and reference sites will be identified by the operator and approved by the BLM Authorized Officer.
- Vegetation monitoring protocol will be developed by the operator and approved by the BLM Authorized Officer prior to implementation of revegetation techniques and will be designed to monitor % basal vegetative cover.
- Reclamation areas will be inspected annually and monitored to document location and extent of areas with successful revegetation. Monitoring will continue until the site is considered a success by the authorized officer and the objectives established in the Green River District Guidelines. A reclamation report will be submitted electronically to the Authorized Officer by March 31 of each year.
- On Federal lands, the reclamation objective will be a vegetation community that within 5 years is comprised of desired and/or seeded species, where the basal vegetative cover is 75 percent of a similar undisturbed adjacent native vegetation community. If after 3 years basal cover is less than 30 percent, then additional seeding and reclamation efforts may be required.

Seed mix (Interim and Final Reclamation):

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	2.0	½"
Four-wing saltbush	<i>Atriplex canescens</i>	2.0	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	2.0	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	1.0	⅛ - ¼"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

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**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: June 24, 2008) along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders.

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.

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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 ($\frac{1}{4}$ $\frac{1}{4}$, 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.

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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.

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-81000
---	--

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 Oil Well	8. WELL NAME and NUMBER: FEDERAL 11-30-8-16
------------------------------------	---

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013341830000
--	---

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
--	--	--

4. LOCATION OF WELL FOOTAGES AT SURFACE: 1986 FSL 1819 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 30 Township: 08.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE STATE: UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/22/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:

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

Newfield requests to extend the permit to drill this well for one year.

Approved by the Utah Division of Oil, Gas and Mining

Date: January 28, 2010

By:

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 1/26/2010	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013341830000

API: 43013341830000

Well Name: FEDERAL 11-30-8-16

Location: 1986 FSL 1819 FWL QTR NESW SEC 30 TWNP 080S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 1/22/2009

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

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

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

Signature: Mandie Crozier

Date: 1/26/2010

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

Date: January 28, 2010

By:

Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross Rig # 21
Submitted By Xabier Lasa Phone Number 435-823-6014
Well Name/Number Federal 11-30-8-16
Qtr/Qtr NE/SW Section 30 Township 8S Range 16E
Lease Serial Number UTU-81000
API Number 43-013-34183

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

Date/Time 11-30-10 8:00
AM PM

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

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

Date/Time 11-30-10 2:00 AM PM

BOPE

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

Date/Time _____ AM PM

Remarks Spud With Ross Rig #21 @ 8:00 am On 11-30-10 Run 8
5/8" Casing @ 2:00 pm on 11-30-10.

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

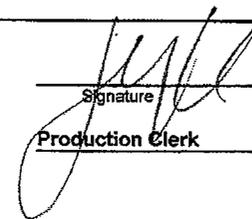
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400 ✓	4301350226	GREATER MB M-34-8-16	SWNE	34	8S	16E	DUCHESNE	12/9/2010	12/15/10
WELL 1 COMMENTS: GRRV BHL = NWSE											
B	99999	17400 ✓	4301350279	GREATER MB S-11-9-16	NWSE	11	9S	16E	DUCHESNE	12/4/2010	12/15/10
GRRV BHL = NWSE											
A	99999	17897 ✓	4301350406	UTE TRIBAL 1-28-4-3W	NENE	28	4S	3W	DUCHESNE	11/30/2010	12/15/10
GRRV											
B	99999	17400 ✓	4301334183	FEDERAL 11-30-8-16	NESW	30	8S	16E	DUCHESNE	12/6/2010	12/15/10
GRRV											
B	99999	17400 ✓	4304740414	SUNDANCE F-33-8-18	SWNW	33	8S	18E	UINTAH	12/7/2010	12/15/10
GRRV BHL = NWNW											
B	99999	17400 ✓	34145 4301350021	Fed P-15-9-17 LONE TREE 9-15-9-17	SWSW NESE	15	9S	17E	DUCHESNE	12/3/2010	12/15/10
BHL = NWSW											

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 - ther (explain in comments section)

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

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 DEC 13 2010

DIV. OF OIL, GAS & MINING

Signature 
 Jentri Park
 Production Clerk
 12/13/10

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1986 FSL 1819 FWL

NESW Section 30 T8S R16E

5. Lease Serial No.

USA UTU-81000

6. If Indian, Allottee or Tribe Name.

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

GMBU

8. Well Name and No.

FEDERAL 11-30-8-16

9. API Well No.

4301334183

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 12/6/10 MIRU Ross spud rig #29. Drill 310' of 12 1/4" hole with air mist. TIH W/7 Jt's 8 5/8" J-55 24# csgn. Set @ 314.75. On 12/8/10 Cement with 160 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 5 bbls cement to pit.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Signature Johnny Davis

Title

Drilling Foreman

Date

12/08/2010

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

Titles 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)

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JAN 03 2011

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****FEDERAL 11-30-8-16****11/1/2010 To 3/28/2011****12/27/2010 Day: 1****Completion**

Rigless on 12/27/2010 - Ran CBL. Perforate 1st stage. SIWFN w/ 153 BWTR. - NU frac head & Cameron BOP's. RU Hot oiler & test casing, frac head, frac valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6418' w/ TOC @ 302'. RIH w/ 3 1/8" ported gun & perforate CP5 sds @ 6213- 18' w/ (11 gram, .36"EH, 16.82¢ pen. 120°) 3 spf for total of 15 shots. RD WLT & Hot Oiler. SIWFN w/ 153 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$14,968**12/29/2010 Day: 2****Completion**

Rigless on 12/29/2010 - Frac stgs. 1-4. Flowback to pit. - Crew travel and safety meeting. RU BJ Services. Frac Stg 1- CP5 sds as shown in stimulation report. 475 BWTR. - Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 3 hrs. Recovered 540 bbls. 894 BWTR. SWIFN. - RU PSI wireline. Set CFTP @ 4590' & perf GB6 sds as shown in perforation report. RU BJ Services. Frac Stg 4- GB6 sds as shown in stimulation report. 1434 BWTR. - RU PSI wireline. Set CFTP @ 5530' & perf A3/B2 sds as shown in perforation report. RU BJ Services. Frac Stg 3- A3/B2 sds as shown in stimulation report. 1082 BWTR. - RU PSI wireline. Set CFTP @ 6000' & perf CP1 sds as shown in perforation report. RU BJ Services. Frac Stg 2- CP1 sds as shown in stimulation report. 711 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$73,419**1/3/2011 Day: 3****Completion**

Nabors #814 on 1/3/2011 - MIRUWOR. RU to TIH w/ mill, bit sub and 140 jts. SDFWE. - Crew travel and safety meeting. MIRUWOR. 100# on well. MIRUHO to thaw well. FB to pit. ND Frac BOPS, NU WO BOPS. RU floor and tbg equip. Talley and RIH w/ Hurricane mill, bit sub, and 140 jts. SDFWE.

Daily Cost: \$0**Cumulative Cost:** \$78,881**1/4/2011 Day: 4****Completion**

Nabors #814 on 1/4/2011 - DO/CO to PBSD Circ well clean. - Crew travel and safety meeting. MIRUHO to thaw well. PU 4 jts to tag @ 4503'. RU pwr swivel. Wash down 4 jts. DO plg 15 min. RD swivel and TIH w/ 23 jts to tag @ 4862'. RU swivel and wash down w/ 6 jts. DO plg 10 min. RD swivel. TIH w/ 15 jts and tag @ 6000'. RU swivel and DO plg in 15 min. RD swivel. TIH w/ 10 jts and tag @ 6345'. RU swivel and CO w/ 4 jts to 6443'. Circ well clean and RD Swivel. LD 3 jts. EOT @ 6362'. SWIFN, drain pump and lines. SDFD.

Daily Cost: \$0**Cumulative Cost:** \$87,303**1/5/2011 Day: 5****Completion**

Nabors #814 on 1/5/2011 - Swab clean, POOH, TBIH w/Prod. Stg - Crew travel and safety meeting. MIRUHO to thaw wellhead and flush csg. Swab tbg w/ 16 runs. Fluid level stayed @ 600'. Recovered 150 Bbls and no sign of sand. Circ well w/150 Bbls of fresh water. POOH w/ tbg and LD BHA. RIH w/ Production String. NC, 2 jts of J-55 2-7/8" tbg, SN @ 6238.02, 1 jt of J-55 2-7/8" tbg, TA @ 6205.49', 198 jts of J-55 2-7/8" tbg. Drian pump and lines. Shut and lock rams. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$94,635

1/6/2011 Day: 6

Completion

Nabors #814 on 1/6/2011 - Run rods, hang head, PWOP. - Crew travel and safety meeting. MIRUHO to thaw wellhead. RD floor. Set TAC w/ 18,000# tension. ND BOPS, NU wellhead. RU to run rods. Pump 40 w/ HO down tbg. PU Cent Hyd pump #1233 max stroke @ 227" 2.5x1.5x20x24, 6- 1.5" wt bars. 57- 3/4" guided, 84- 3/4" slick, 100- 7/8" guided, 8', 6', 4', 2' pony rods and a 26'x1.5" polish rod. Hang well, fill and stroke test to 800 psi. Drain pump and lines, CO flat tank. RD, PWOP, and SDFN. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$495,317

Pertinent Files: Go to File List

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-81000

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
GMBU

8. Lease Name and Well No.
FEDERAL 11-30-8-16

9. AFI Well No.
43-013-34183

10. Field and Pool or Exploratory
GREATER MB UNIT

11. Sec., T., R., M., on Block and Survey or Area
SEC. 30, T8S, R16E

12. County or Parish
DUCHESNE

13. State
UT

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.,
Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 1986' FSL & 1819' FWL (NE/SW) SEC. 30, T8S, R16E
At top prod. interval reported below
At total depth 6500'

14. Date Spudded
12/06/2010

15. Date T.D. Reached
12/16/2010

16. Date Completed 01/05/2011
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5702' GL 5714' KB

18. Total Depth: MD 6500'
TVD

19. Plug Back T.D.: MD 6418'
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
12-1/4"	8-5/8" J-55	24#	0	315'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6483'		276 PRIMLITE		302'	
						400 50/50 POZ			

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@ 6368'	TA @ 6269'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4515'	6218'	6213-6218'	.36"	15	
B)			4515-5938'	.34"	54	
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4515-6218'	Frac w/ 95505#s 20/40 sand in 623 bbls of Lightning 17 fluid in 4 stages

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/06/11	01/17/11	24	→	48	58	88			2-1/2" x 1-1/2" x 20' x 24' RHAC Pump
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	
			→						

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

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

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

SOLD & 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	4515'	6218'		GARDEN GULCH MRK	3921'
				GARDEN GULCH 1	4150'
				GARDEN GULCH 2	4270'
				POINT 3	4546'
				X MRKR	4814'
				Y MRKR	4850'
DOUGALS CREEK MRK	BI CARBONATE MRK				4969'
					5218'
B LIMESTON MRK	CASTLE PEAK				5350'
					5872'
BASAL CARBONATE	WASATCH				6291'
					6419'

32. Additional remarks (include plugging procedure):

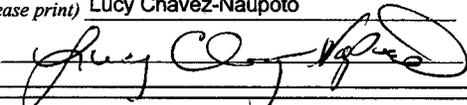
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other: Drilling Daily Activity

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

Name (please print) Lucy Chavez-Naupoto

Title Administrative Assistant

Signature 

Date 01/25/2011

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.

Daily Activity Report**Format For Sundry****FEDERAL 11-30-8-16****10/1/2010 To 2/28/2011****FEDERAL 11-30-8-16****Waiting on Cement****Date:** 12/8/2010

Ross #29 at 310. Days Since Spud - Class G Cmt+2% CACL+ .25#/sk Cello flake/5 bbls cmt to pit. - On 12/6/10 Ross Rig #29 Spud the Federal 11-30-8-16 @ 8:00 AM /Drill 310' of 12 1/4" hole/ PU & run - 7 jts 302.90' of 8 5/8" J55 24# ST&C Csg./ Land @ 314.75 KB/On 12/8/10 BJ cemented with 160 sks - Notifications made by Email

Daily Cost: \$0**Cumulative Cost:** \$71,519**FEDERAL 11-30-8-16****Rigging down****Date:** 12/11/2010

NDSI #3 at 350. 0 Days Since Spud - Prepare to move rig.

Daily Cost: \$0**Cumulative Cost:** \$77,589**FEDERAL 11-30-8-16****Rigging down****Date:** 12/12/2010

NDSI #3 at 350. 0 Days Since Spud - MIRU - Work on pumps and change out to PZ-7 - pick up BHA - Change out pumps to MP80 - Test BOP all valves,kelly,choke manifold 2000psi for ten min. Surface casing 1500psi for 30min.

Daily Cost: \$0**Cumulative Cost:** \$119,749**FEDERAL 11-30-8-16****Drill 7 7/8" hole with fresh water****Date:** 12/13/2010

NDSI #3 at 3040. 1 Days Since Spud - Rig service - Drill 7 7/8" hole w/fresh water from 305' to 1496' WOB/14,TGPM/365,TRPM/125,ROP/148fph - Drill 7 7/8" hole w/fresh water from 1496' to 3040' WOB/14,TGPM/365,TRPM/125,ROP/114fph

Daily Cost: \$0**Cumulative Cost:** \$137,429**FEDERAL 11-30-8-16****Drill 7 7/8" hole with fresh water****Date:** 12/14/2010

NDSI #3 at 5119. 2 Days Since Spud - Drill 7 7/8" hole from 3954' to 5119'/WOB 22/RPM 45/GPM 380/ROP 90FPH - Drill 7 7/8" hole from 3008' to 3954'/WOB 22/RPM 40/GPM 380/ROP 90FPH - Rig service / Function test BOP's & Crown-O-Matic/OK

Daily Cost: \$0**Cumulative Cost:** \$176,671**FEDERAL 11-30-8-16****Drill 7 7/8" hole with fresh water****Date:** 12/15/2010

NDSI #3 at 6413. 3 Days Since Spud - Drill 7 7/8" hole from 5970' to 6413'/WOB 18/RPM40/GPM 380/ROP 111FPH - Kelly up /Wash & Ream from 5950' to 5970'/Fan bottom - TOOH - Circ for bit trip - Drill 7 7/8" hole from 5750' to 5970'/WOB 23/RPM 42/GPM 380/ROP 63FPH - Rig service/ Function test BOP's & Crown-O-Matic/OK - Drill 7 7/8" hole from 5119 to

5750'/WOB 22/RPM 38/GPM 380/ROP 60FPH - TIH to 5950

Daily Cost: \$0

Cumulative Cost: \$208,661

FEDERAL 11-30-8-16

Rigging down

Date: 12/16/2010

NDSI #3 at 6500. 4 Days Since Spud - Clean mud tanks - followed by 400 sks 50:50:2+3% KCL+0.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L/14.4ppg 1.24 yield/25 bbl to pi - RU B J & cmt csg. With 275 sksPLII+3%KCL+5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF/11ppg 3.53 yield - RU Q T & run 152 jts 5.5" J55 15.5# LT&C Csg./Land @ 6483.49'/Set slips - Break out kelly swivel & L D for repairs - Change to Casing rams & Test to 2000 psi/ok - Release rig @ 6:00 AM 12/16/10 - LDDP & BHA with Dir. Tools - Pump 350 bbls 10# Brine for gas & 1 gpm flow - LDDP to 4000' - Circ & Cond. For logs - Drill 7 7/8" hole from 6413' to 6500'/WOB 22/RPM 40/GPM 380/ROP87FPH - RU PSI & run Gamma Ray, Compensated Neutron, Compensated Density & Dual Guard /Loggers T D @ 6504' **Finalized**

Daily Cost: \$0

Cumulative Cost: \$377,808

Pertinent Files: [Go to File List](#)