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 10-21-8-16

2. TYPE OF WORK
DRILL NEW WELL ■ REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
MONUMENT BUTTE

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME

6. NAME OF OPERATOR
NEWFIELD PRODUCTION COMPANY

7. OPERATOR PHONE
435 646-4825

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

9. OPERATOR E-MAIL
mcrozier@newfield.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
UTU-69060

11. MINERAL OWNERSHIP
FEDERAL ■ INDIAN ○ STATE ○ FEE ○

12. SURFACE OWNERSHIP
FEDERAL ■ INDIAN ○ STATE ○ FEE ○

13. NAME OF SURFACE OWNER (if box 12 = 'fee')
Henderson Ranches LLC

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')
Route 3 Box 3671, ,

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	2090 FSL 1941 FEL	NWSE	21	8.0 S	16.0 E	S
Top of Uppermost Producing Zone	2090 FSL 1941 FEL	NWSE	21	8.0 S	16.0 E	S
At Total Depth	2090 FSL 1941 FEL	NWSE	21	8.0 S	16.0 E	S

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
699

23. NUMBER OF ACRES IN DRILLING UNIT
40

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
2005

26. PROPOSED DEPTH
MD: 6690 TVD: 6690

27. ELEVATION - GROUND LEVEL
5450

28. BOND NUMBER
WYB000493

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
43-7478

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORCANCE 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** 05/19/2009	**EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43013500330000

APPROVAL

Permit Manager

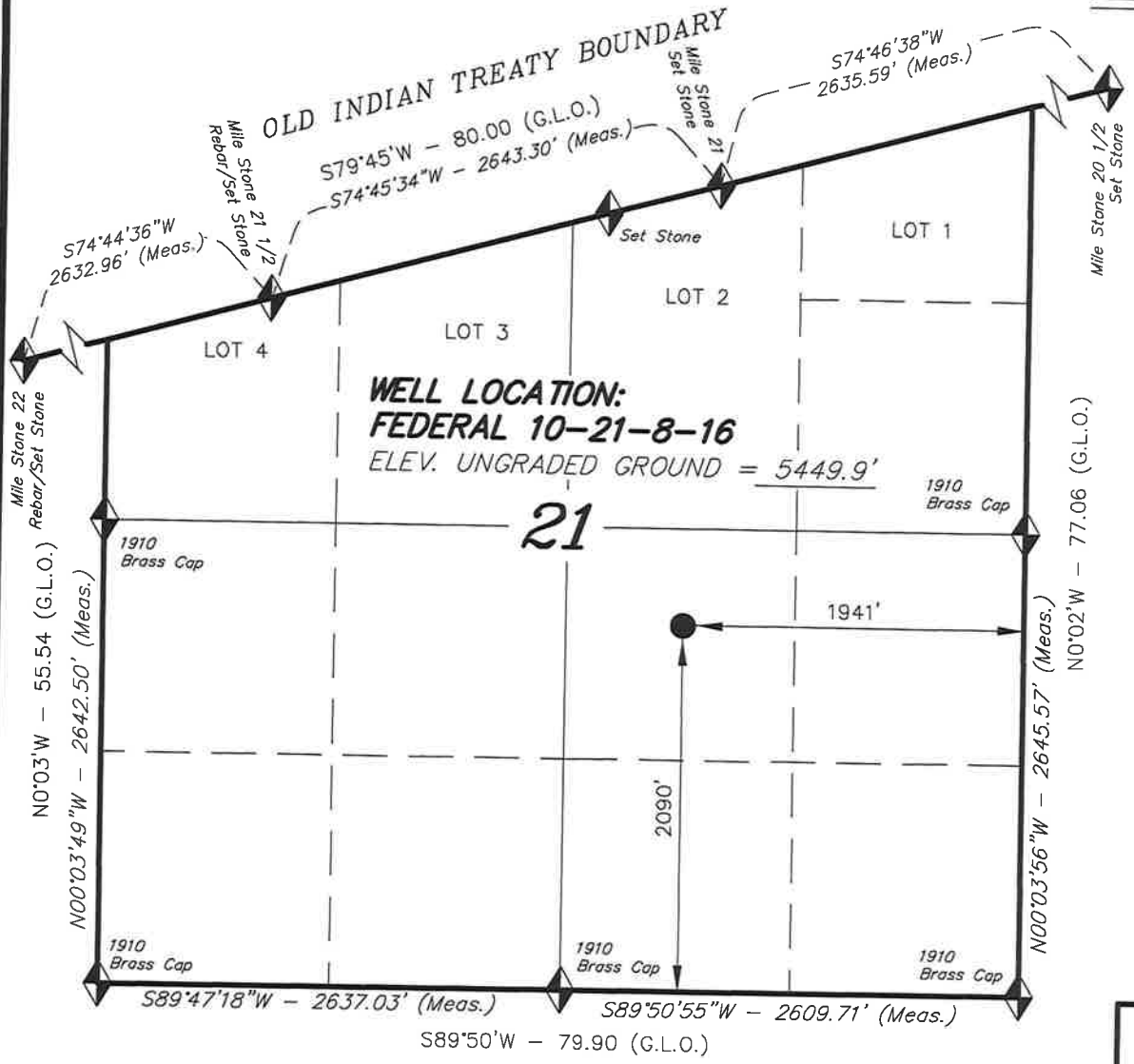
Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	7.875	5.5	0	6690		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 LT&C	6690	15.5			

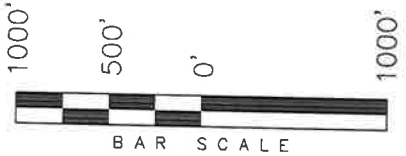
Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	12.25	8.625	0	350		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 ST&C	350	24.0			

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

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, FEDERAL 10-21-8-16, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 21, T8S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.





Notes:

1. The footages are measured perpendicular to section line.
2. The Proposed Well head bears S73°53'02"W 2020.09' from the East 1/4 Corner of Section 21.

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

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

= SECTION CORNERS LOCATED

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

FEDERAL 10-21-8-16
(Surface Location) NAD 83
LATITUDE = 40° 06' 07.01"
LONGITUDE = 110° 07' 19.29"

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

DATE SURVEYED: 01-20-09	SURVEYED BY: D.G.
DATE DRAWN: 01-27-09	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

'API WellNo:43013500330000'

NEWFIELD PRODUCTION COMPANY
FEDERAL 10-21-8-16
NW/SE SECTION 21, 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' – 1832'
Green River	1832'
Wasatch	6690'

Base of Moderately Saline Ground Water @ 352'

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

Green River Formation 1832' – 6690' - 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.

2-M SYSTEM

Blowout Prevention Equipment Systems

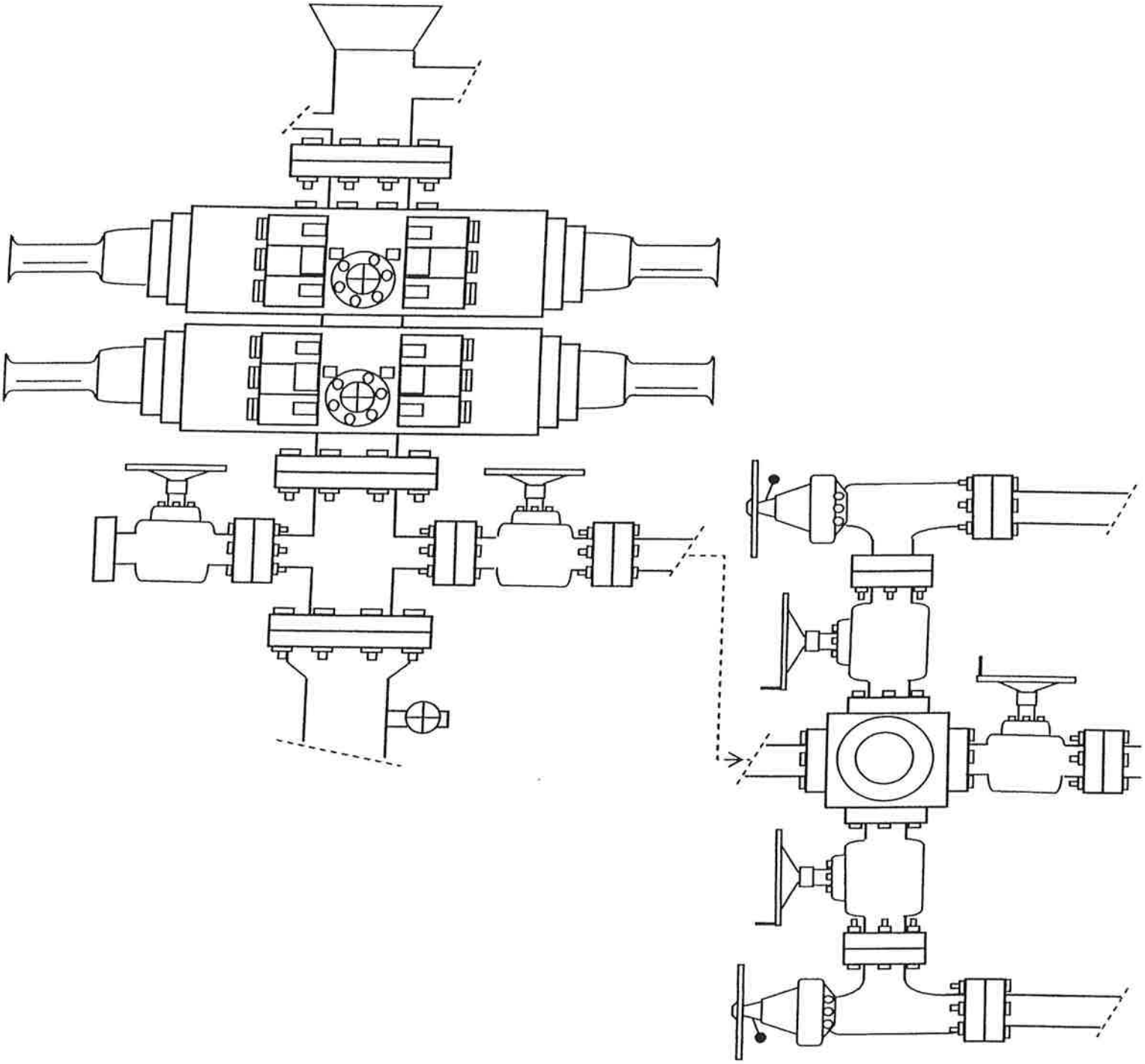
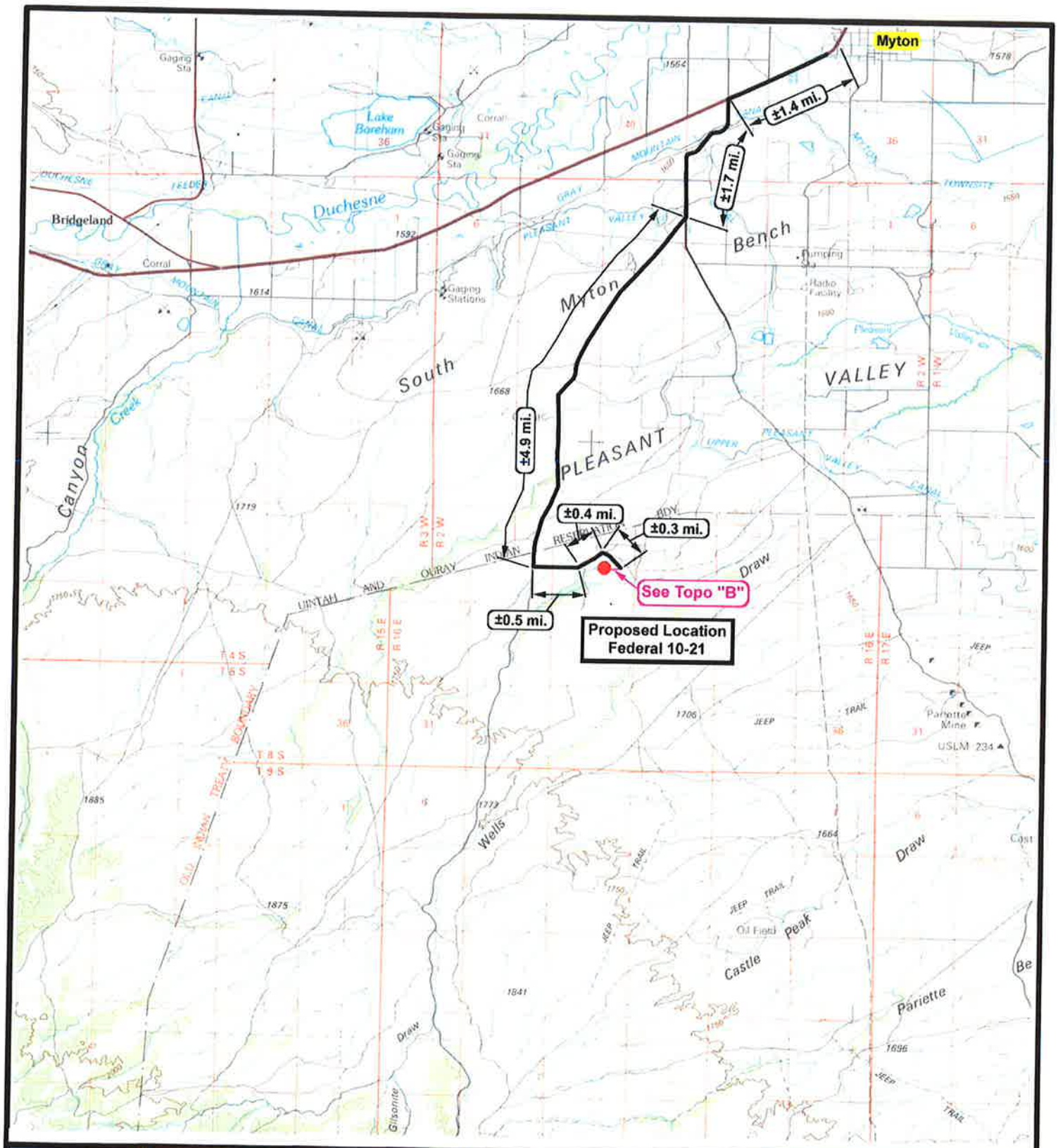


EXHIBIT C

’APIWellNo:43013500330000’



NEWFIELD
Exploration Company

Federal 10-21-8-16
SEC. 21, T8S, R16E, S.L.B.&M.

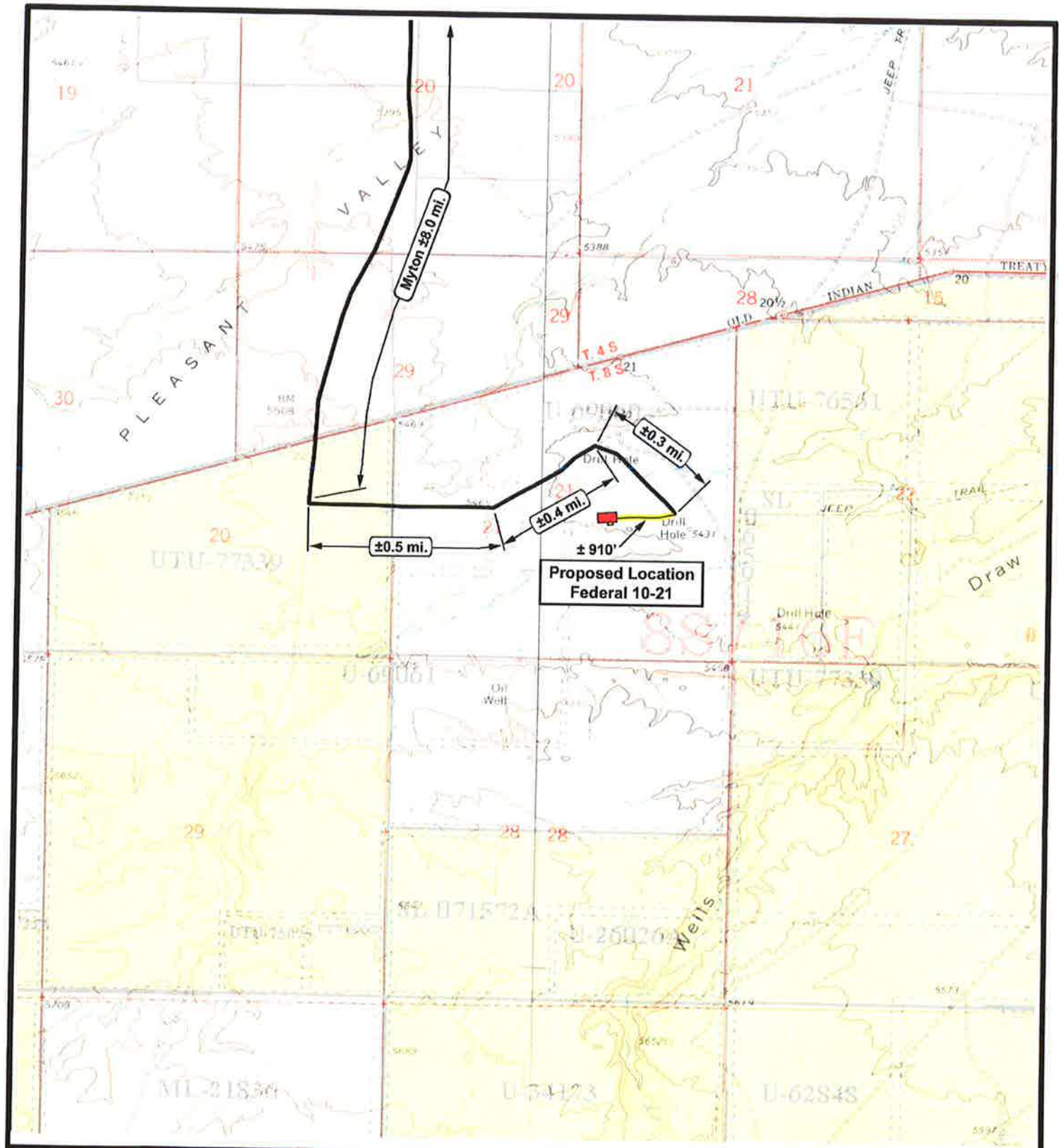
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 01-27-2009

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"A"

’APIWellNo:43013500330000’



NEWFIELD
Exploration Company

Federal 10-21-8-16
SEC. 21, T8S, R16E, S.L.B.&M.

N

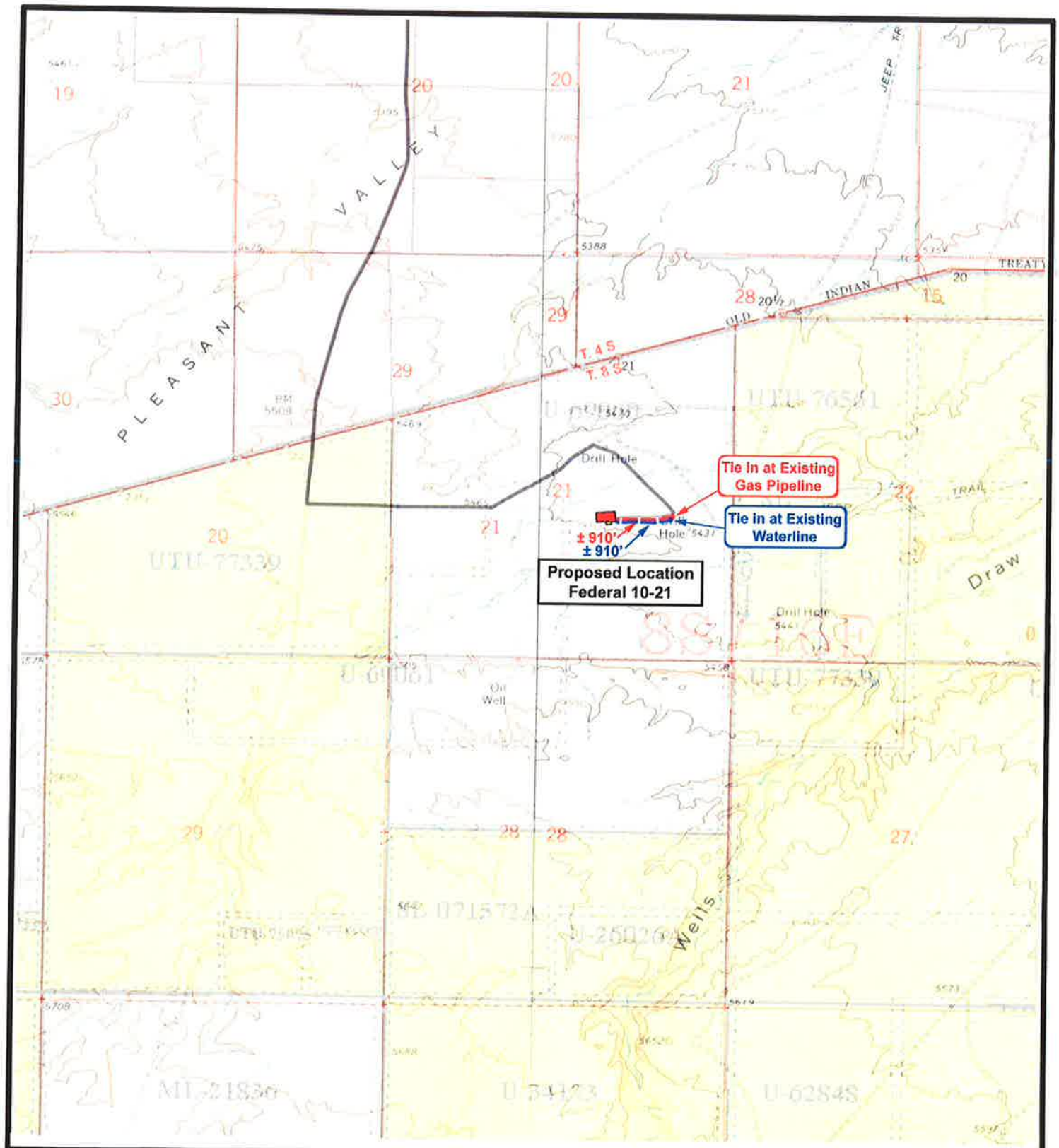
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-27-2009

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"

’APIWellNo:43013500330000’



NEWFIELD Exploration Company

Federal 10-21-8-16
SEC. 21, T8S, R16E, S.L.B.&M.

N

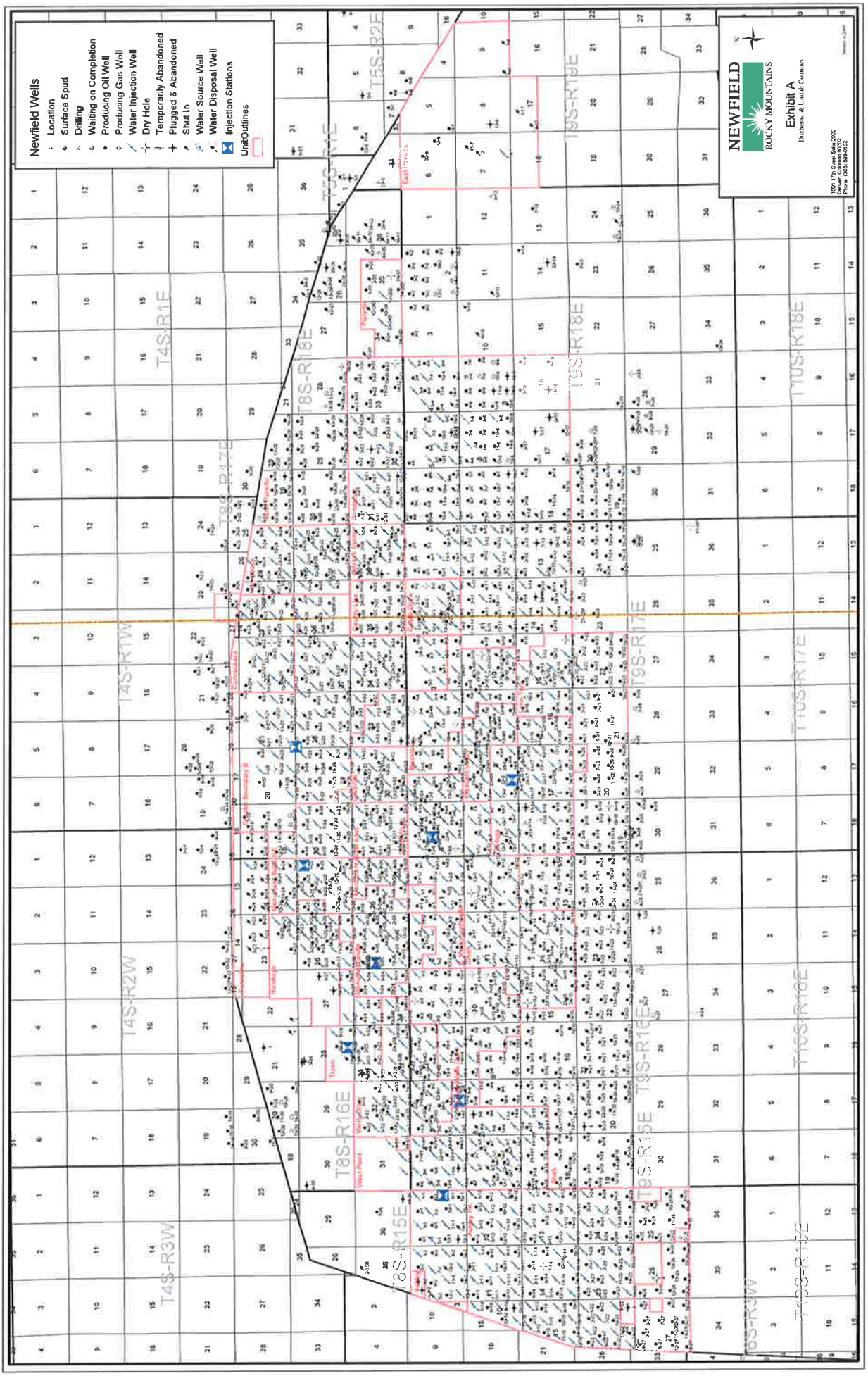
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-27-2009

Legend
Roads
Proposed Gas Line
Proposed Water Line

TOPOGRAPHIC MAP
"C"

’APIWellNo:43013500330000’



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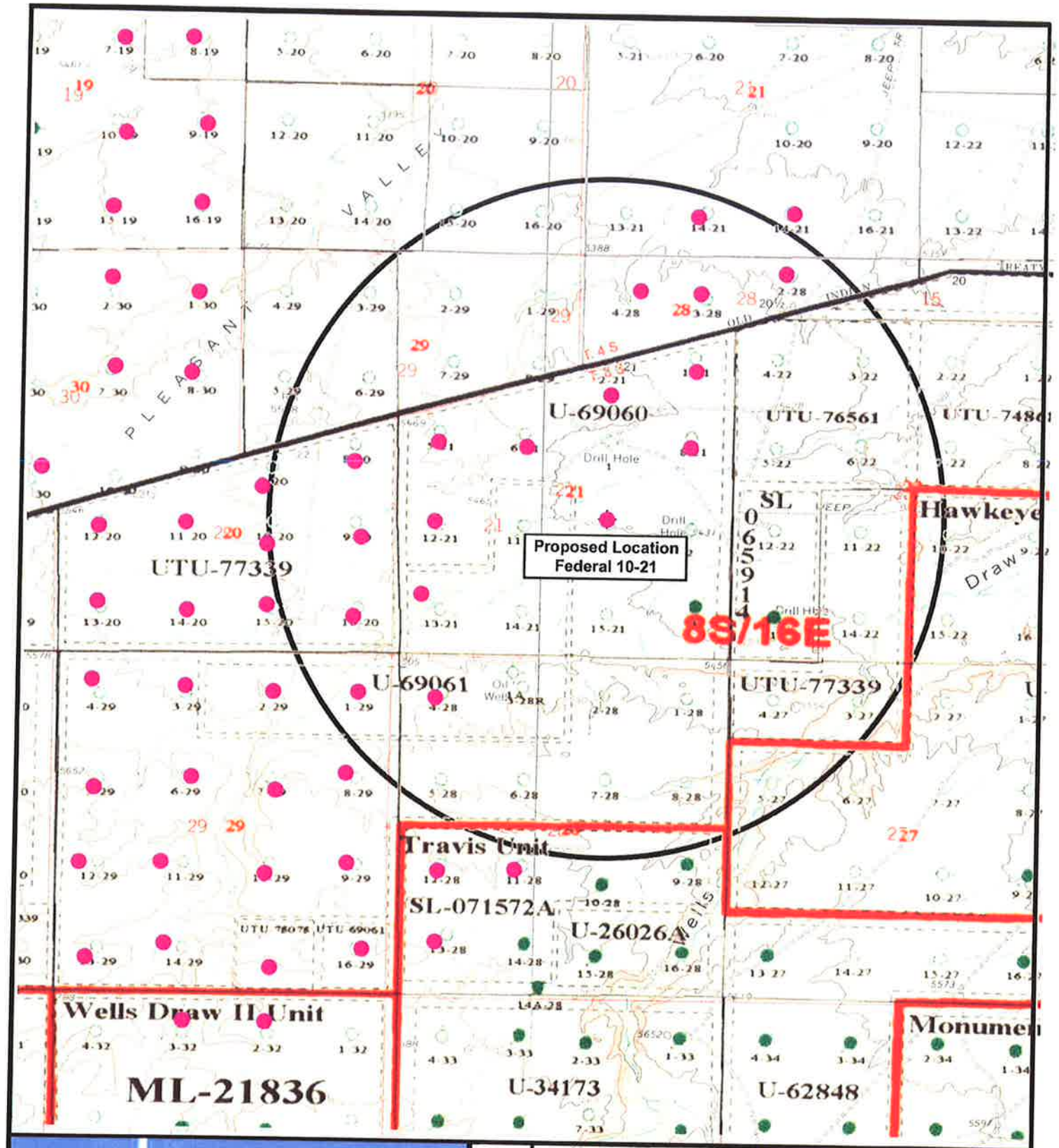


NEWFIELD
Exploration Company

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

Legend
Location
One-Mile Radius

Federal 10-21-8-16
SEC. 21, T8S, R16E, S.L.B.&M.

N

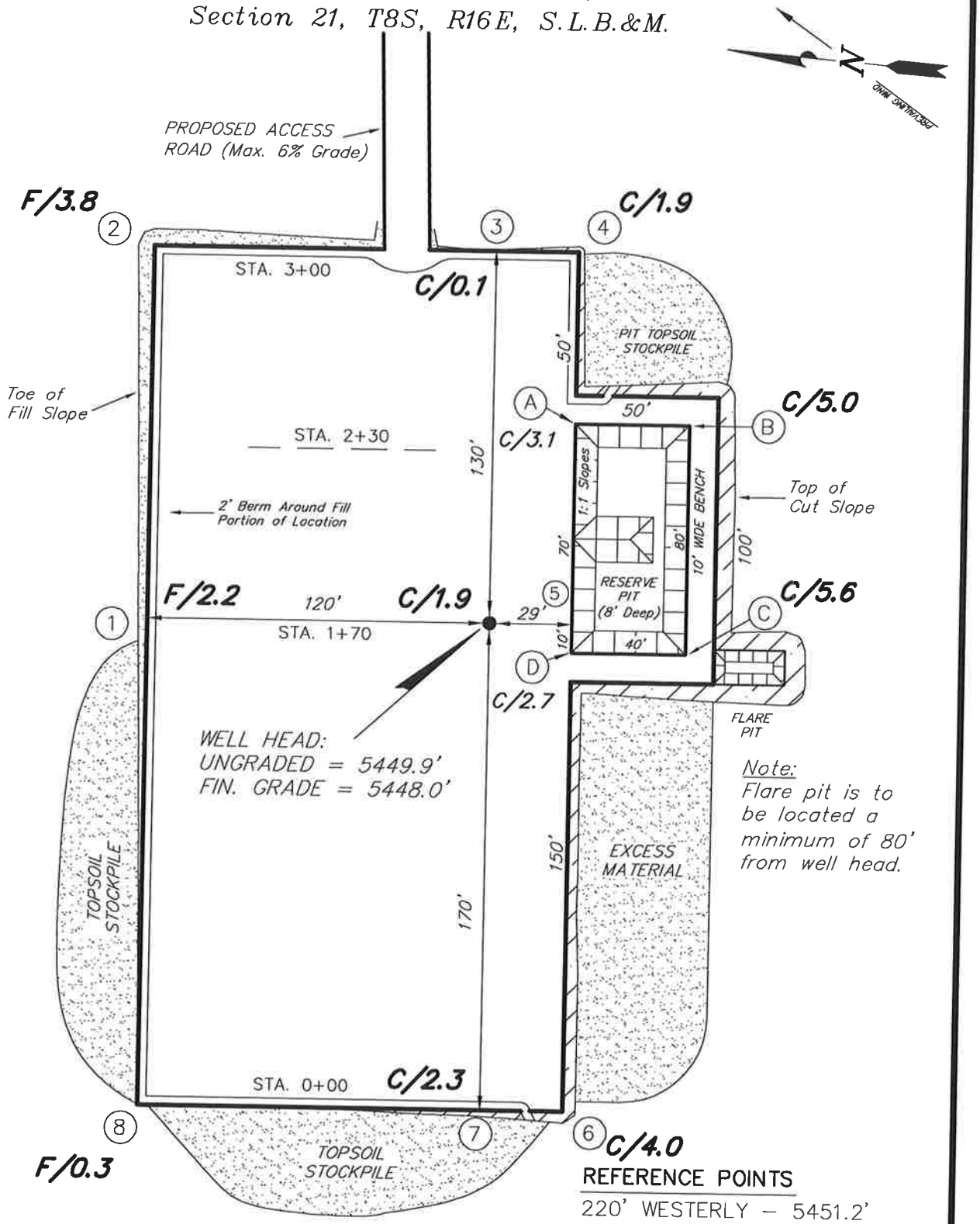
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-27-2009

Exhibit"B"

NEWFIELD PRODUCTION COMPANY

FEDERAL 10-21-8-16

Section 21, T8S, R16E, S.L.B.&M.



REFERENCE POINTS

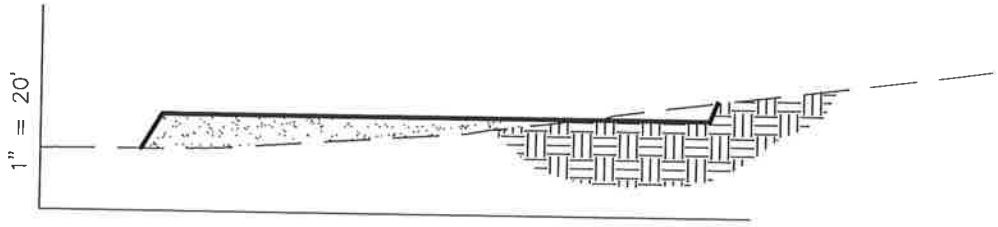
220' WESTERLY – 5451.2'
270' WESTERLY – 5451.9'
170' NORTHERLY – 5446.1'
220' NORTHERLY – 5445.3'

SURVEYED BY: D.G.	DATE SURVEYED:	01-20-09	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: M.W.	DATE DRAWN:	01-27-09	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:		

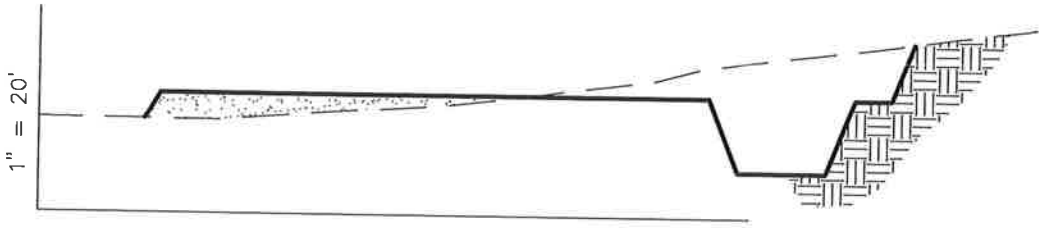
NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

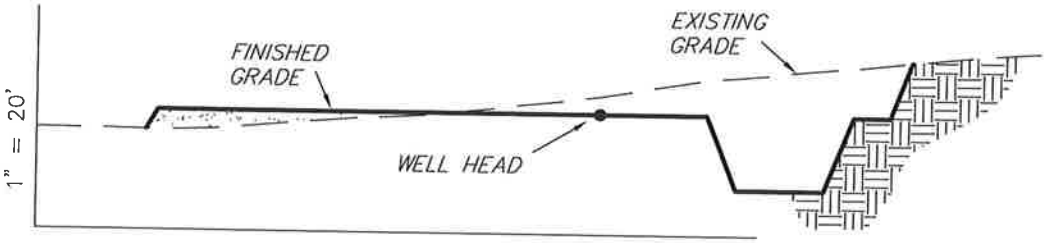
FEDERAL 10-21-8-16



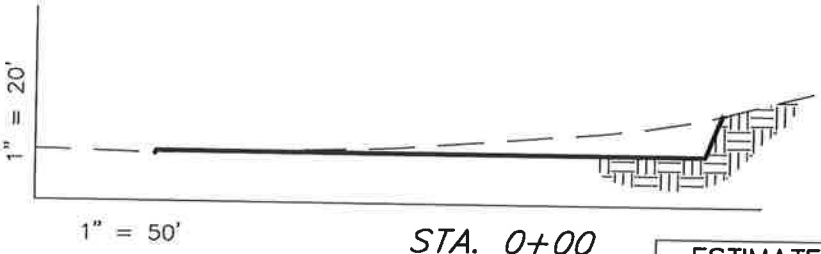
STA. 3+00



STA. 2+30



STA. 1+70



STA. 0+00

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/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	1,780	1,780	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,420	1,780	990	640

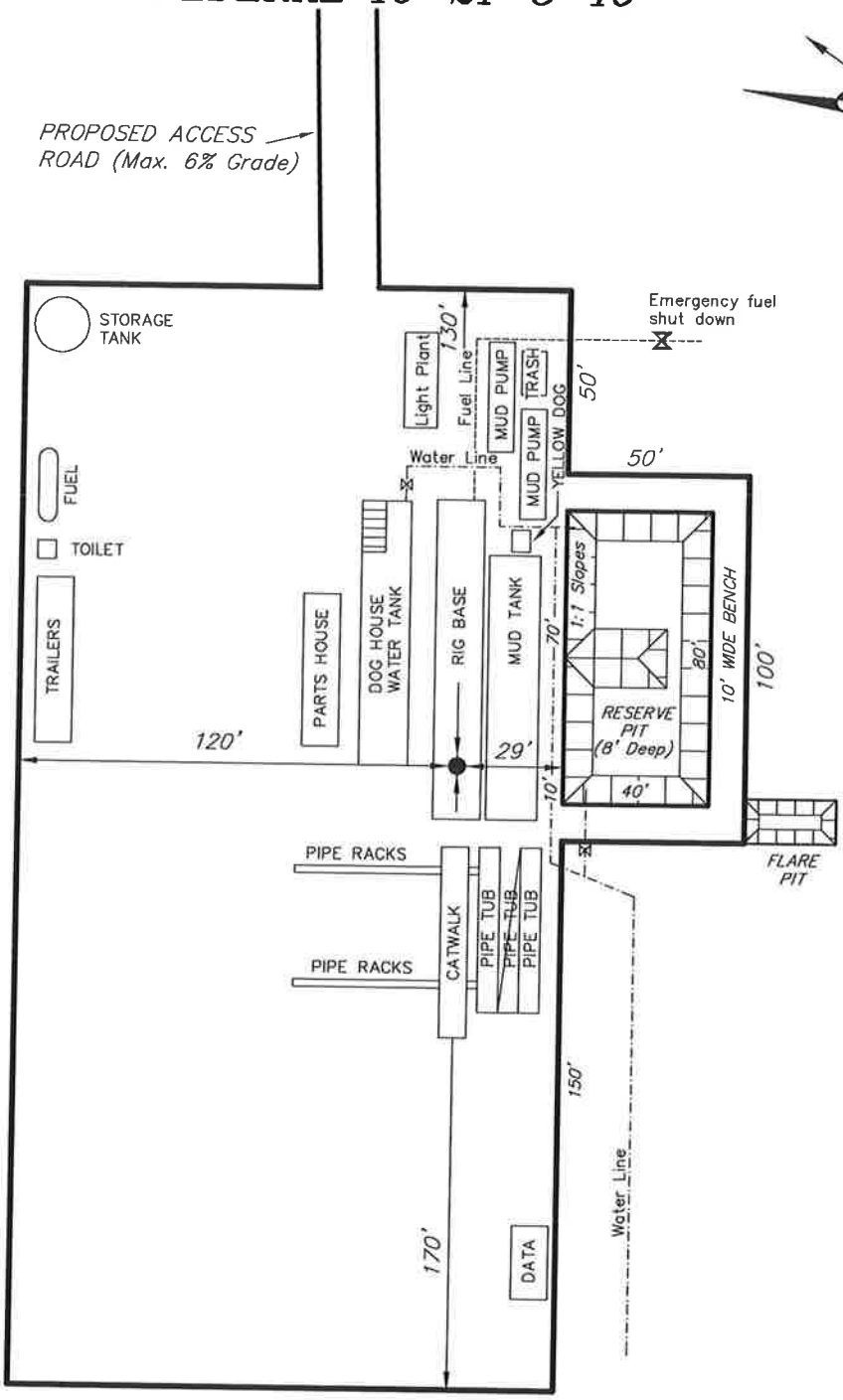
SURVEYED BY: D.G.	DATE SURVEYED:	01-20-09	
DRAWN BY: M.W.	DATE DRAWN:	01-27-09	
SCALE: 1" = 50'	REVISED:		

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

FEDERAL 10-21-8-16



SURVEYED BY: D.G.	DATE SURVEYED: 01-20-09	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 01-27-09	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
SCALE: 1" = 50'	REVISED:		

NEWFIELD PRODUCTION COMPANY
FEDERAL 10-21-8-16
NW/SE SECTION 21, 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 10-21-8-16 located in the NW 1/4 SE 1/4 Section 21, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southwesterly – 6.6 miles ± to it's junction with an existing road to the east; proceed in an easterly direction – 0.5 miles ± to it's junction with an existing road to the northeast; proceed northeasterly – 0.4 miles ± to ti's junction with an existing road to the southeast; proceed southeasterly – 0.3 miles ± to it's junction with the beginning of the proposed access road; continue in a westerly direction along the proposed access road – 910' ± 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 Survey for this area are attached. MOAC Report #08-295, 2/5/09. Paleontological Resource Survey prepared by, Wade E. Miller, 5/1/08. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 910' of disturbed area be granted in Lease UTU-69060 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 910' of disturbed area be granted in Lease UTU-69060 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 910' of disturbed area be granted in Lease UTU-69060 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.

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.

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)

Squirrell Tail	*Elymus Elymoides*	6 lbs/acre
Siberian Wheatgrass	*Agropyron Fragile*	2 lbs/acre
Gardner Saltbush	*Atriplex Gardneri*	1 lbs/acre
Shadscale	*Atriplex Confertifolia*	1 lbs/acre
Fourwing Saltbush	*Atriplex Canescens*	1 lbs/acre
Scarlet Globemallow	*Sphaeralcea Conccinea*	0.20 lbs/acre
Forage Kochia	*Kochia Prostrata*	0.20 lbs/acre

Details of the On-Site Inspection
The proposed Federal 10-21-8-16 was on-sited on 3/12/09. The following were present; Tim Eaton (Newfield Production), Brian Foote (Newfield Production), Christine Cimiluca (Bureau of Land Management), and James Herford (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 #10-21-8-16 NW/SE Section 21, Township 8S, Range 16E: Lease UTU-69060 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.

5/21/09
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

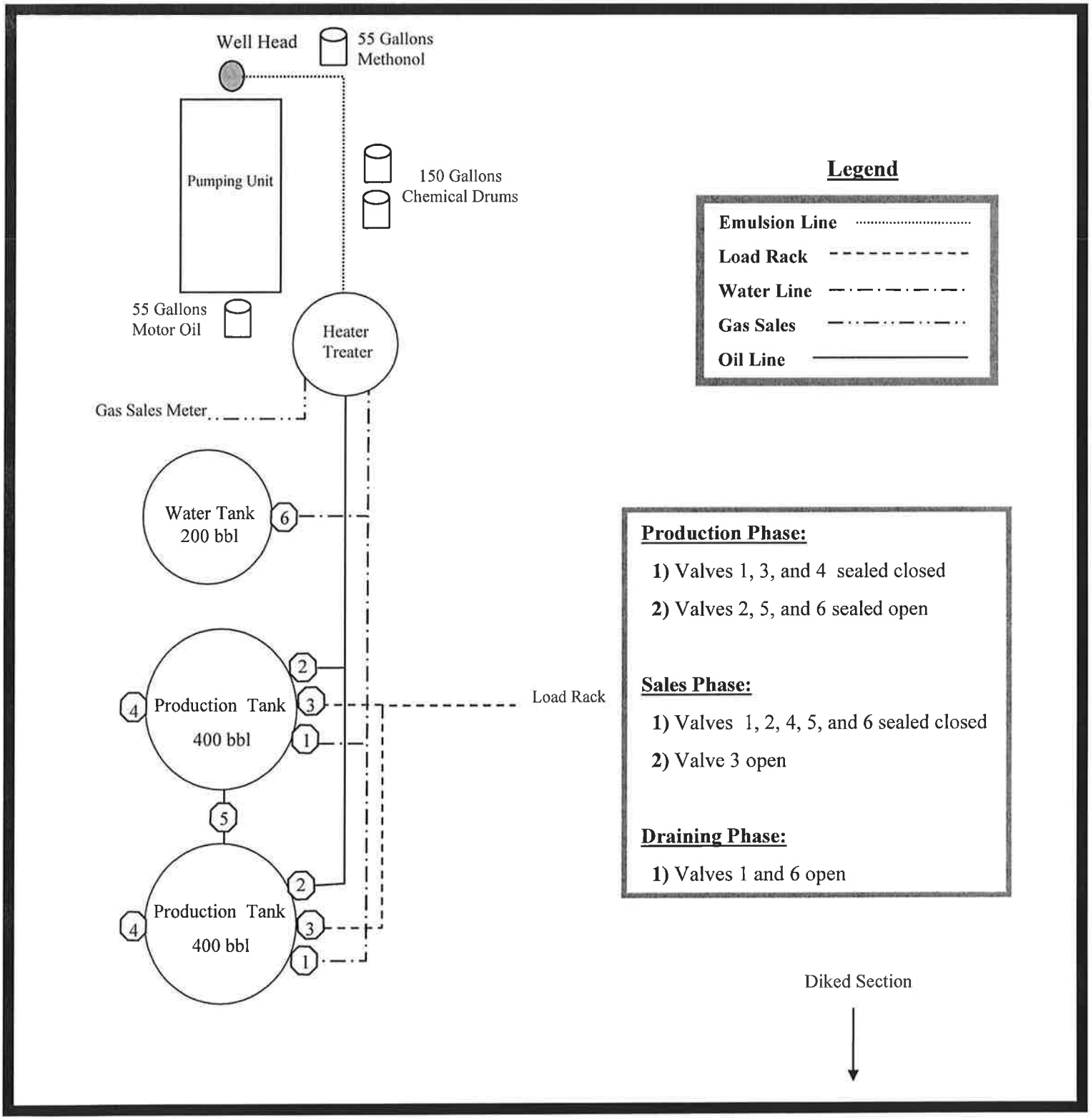
Newfield Production Company
Proposed Site Facility Diagram

Federal 10-21-8-16

NW/SE Sec. 21, T8S, R16E

Duchesne County, Utah

UTU-69060



'APIWellNo:43013500330000'

Exhibit "D"
1 of 2

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S THREE BLOCK PARCELS (T8S, R16E, SECTIONS 21, 22 AND 23) DUCHESNE COUNTY, UTAH

By:

Nicole Shelnut

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-295

February 5, 2009

United States Department of Interior (FLPMA)
Permit No. 08-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-08-MQ-1191b

'API WellNo:43013500330000'

NEWFIELD EXPLORATION COMPANY

PALEONTOLOGICAL SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE & UINTAH COUNTIES, UTAH

Section 21, T 8 S, R 16 E [Entire section excluding NE/NW (3-21) & NW/NW(4-21)]; Section 20, T 8 S, R 16 E [SW/NE (7-20), SE/NE (8-20), NE/SE (9-20), NW/SE (10-20), NE/SW (11-20), NW/SW (12-20), SW/SW (13-20), SE/SW (14-20), & SW/SE (15-20); SE/SE, Section 32, T 8 S, R 18 E (16-32-8-18), NE/NE, Section 36, T 8 S, R 17 E (1-36-8-17), NE/NW & SW/NW, Section 18, T 9 S, R 19 E (3 & 5-18-9-19), and Proposed Water Injection Line at SE/SW, Section 1, T 9 S, R 15 E (14-1-9-15).

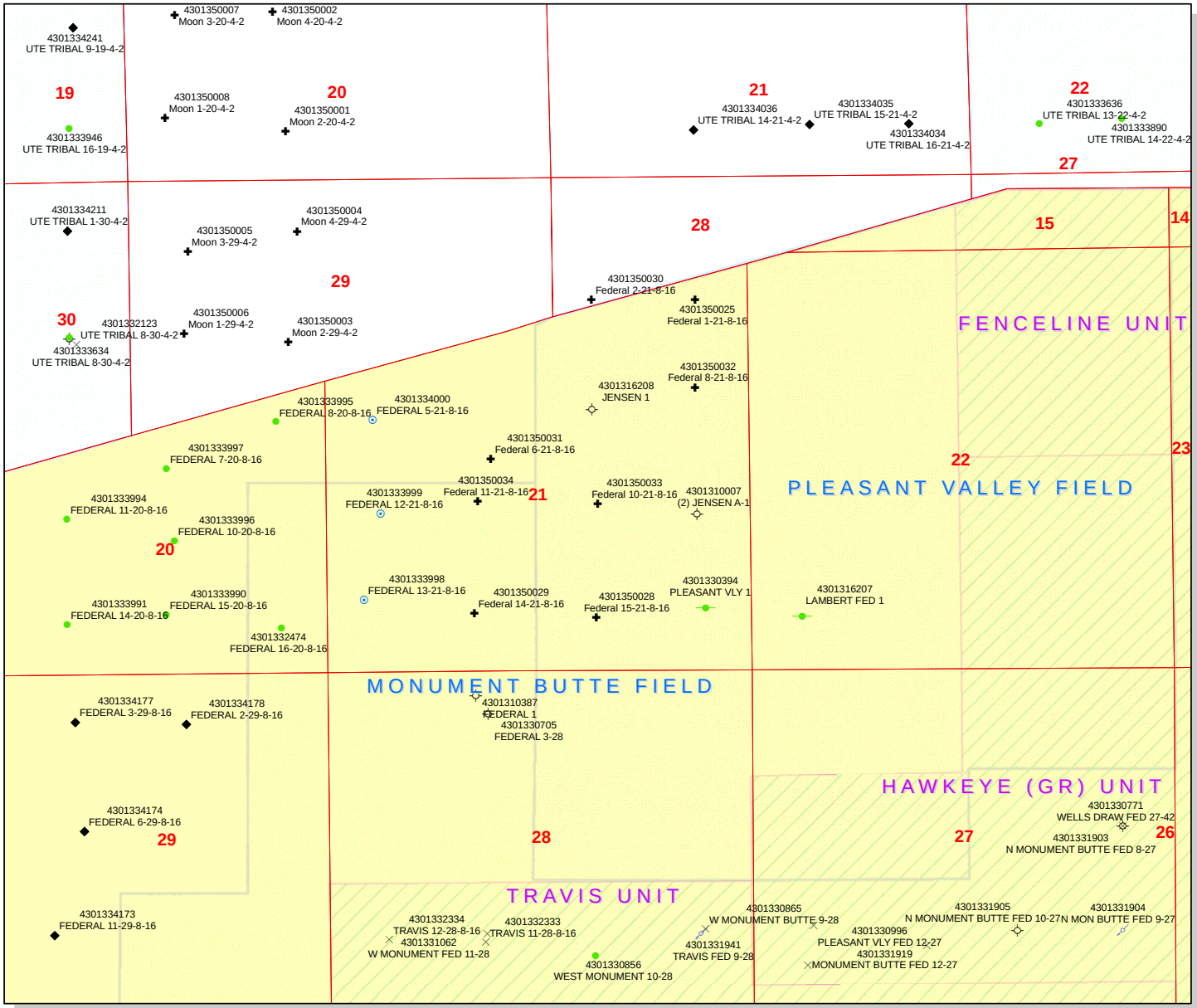
REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
April 30 & May 1, 2008



API Number: 4301350033

Well Name: Federal 10-21-8-16

Township 08.0 S Range 16.0 E Section 21

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
ACTIVE
COMBINED
Sections

Wells Query Events
<all other values>

GIS_STAT_TYPE
<Null>
APD
DRL
GI
GS
LA
NEW
OPS
PA
PGW
POW
RET
SGW
SOW
TA
TW
WD
WI
WS

1,500 750 0 1,500 Feet

1:15,543

'API WellNo:4301350033000'

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/19/2009 **API NO. ASSIGNED:** 43013500330000
WELL NAME: Federal 10-21-8-16
OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825
CONTACT: Mandie Crozier

PROPOSED LOCATION: NWSE 21 080S 160E **Permit Tech Review:** ✔

SURFACE: 2090 FSL 1941 FEL **Engineering Review:** ☐

BOTTOM: 2090 FSL 1941 FEL **Geology Review:** ✔

COUNTY: DUCHESNE
LATITUDE: 40.10196 **LONGITUDE:** -110.12101
UTM SURF EASTINGS: 574921.00 **NORTHINGS:** 4439234.00
FIELD NAME: MONUMENT BUTTE
LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-69060 **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:** 43-7478
- ☐ **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: R649-3-2
Effective Date:
Siting:

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
23 - Spacing - dmason

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

Permit To Drill
****

Well Name: Federal 10-21-8-16
API Well Number: 43013500330000
Lease Number: UTU-69060
Surface Owner: FEDERAL
Approval Date: 6/9/2009

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 R649-3-2. 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.

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.

API Well No: 43013500330000

Notification Requirements:
Notify the Division with 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 office (801) 733-0983 home

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.

Approved By:

For Gil Hunt
Associate Director, Oil & Gas

API Well No: 43013500330000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-69060

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 10-21-8-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013500330000

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

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2090 FSL 1941 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 21 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		
✓ NOTICE OF INTENT Approximate date work will start: 6/1/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

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

Approved by the Utah Division of Oil, Gas and Mining

Date: June 03, 2010

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 6/1/2010

RECEIVED June 01, 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 43013500330000

API: 43013500330000
Well Name: Federal 10-21-8-16
Location: 2090 FSL 1941 FEL QTR NWSE SEC 21 TWNP 080S RNG 160E MER S
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 6/9/2009

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:** 6/1/2010
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: June 03, 2010

By:

RECEIVED June 01, 2010

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-69060

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 10-21-8-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013500330000

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

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2090 FSL 1941 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 21 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		
✓ NOTICE OF INTENT Approximate date work will start: 6/9/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

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

Approved by the Utah Division of Oil, Gas and Mining

Date: 06/06/2011

By: [signature]

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech

SIGNATURE	DATE
N/A	6/2/2011

RECEIVED Jun. 02, 2011

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 43013500330000

API: 43013500330000
Well Name: FEDERAL 10-21-8-16
Location: 2090 FSL 1941 FEL QTR NWSE SEC 21 TWNP 080S RNG 160E MER S
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 6/9/2009

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**

Signature: Mandie Crozier **Date:** 6/2/2011
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED Jun. 02, 2011

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
NOV 1 0 2011
BLM

FORM APPROVED
OMB NO. 1004-0135
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 reverse side.

5. Lease Serial No.
UTU69060

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
UTU87538X

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

8. Well Name and No.
FEDERAL 10-21-8-16

2. Name of Operator
NEWFIELD EXPLORATION COMPANY
Contact: MANDIE H CROZIER
E-Mail: mcrozier@newfield.com

9. API Well No.
43-013-50033-00-X1

3a. Address
ROUTE 3 BOX 3630
MYTON, UT 84052

3b. Phone No. (include area code)
Ph: 435-646-4825

10. Field and Pool, or Exploratory
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 21 T8S R16E NWSE 2090FSL 1941FEL

11. County or Parish, and State
DUCHESNE COUNTY, UT

12. CHECK 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
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original PD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 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.)

Newfield requests to extend the Application for Permit to Drill this well for two more years.

VERNAL FIELD OFFICE
ENG. RLA 11/18/11
GEOL.
E.S.
PET.
RECL.

RECEIVED
DEC 2 1 2011
DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #123016 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 11/14/2011 (12RRH0641SE)

Name *(Printed/Typed)* MANDIE H CROZIER — Title REGULATORY ANALYST

Signature (Electronic Submission) — Date 11/10/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title Assistant Field Manager Lands & Mineral Resources — Date NOV 30 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.

UDOGM

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

12RRH0641SE

CONDITIONS OF APPROVAL

Newfield Exploration Company

Notice of Intent
APD Extension

Lease: UTU-69060
Well: Federal 10-21-8-16
Location: NWSE Sec 21-T8S-R16E

An extension for the referenced APD is granted with the following conditions:

---

1. The extension and APD shall expire on 12/15/2013.

2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Robin L Hansen of this office at (435) 781-2777

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-69060

SUNDRY NOTICES AND REPORTS ON WELLS

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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 10-21-8-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013500330000

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

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2090 FSL 1941 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 21 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

- ✓ NOTICE OF INTENT — Approximate date work will start: 6/9/2012
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ 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
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

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

Approved by the Utah Division of Oil, Gas and Mining

Date: June 04, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech

SIGNATURE	DATE
N/A	5/30/2012

RECEIVED: May. 30, 2012

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013500330000

API: 43013500330000
Well Name: FEDERAL 10-21-8-16
Location: 2090 FSL 1941 FEL QTR NWSE SEC 21 TWNP 080S RNG 160E MER S
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 6/9/2009

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- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Mandie Crozier **Date:** 5/30/2012
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: May. 30, 2012

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-69060

SUNDRY NOTICES AND REPORTS ON WELLS

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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 10-21-8-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013500330000

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

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2090 FSL 1941 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 21 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

- ✓ NOTICE OF INTENT — Approximate date work will start: 6/9/2013
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ 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
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

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

Approved by the Utah Division of Oil, Gas and Mining

Date: June 05, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech

SIGNATURE	DATE
N/A	6/4/2013

RECEIVED: Jun. 04, 2013

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013500330000

API: 43013500330000
Well Name: FEDERAL 10-21-8-16
Location: 2090 FSL 1941 FEL QTR NWSE SEC 21 TWNP 080S RNG 160E MER S
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 6/9/2009

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**

Signature: Mandie Crozier **Date:** 6/4/2013
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: Jun. 04, 2013

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 28, 2013

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

Re: APDs Rescinded for Newfield Production Company, Duchesne County

Dear Ms. Crozier:

Enclosed find the list of APDs that you have asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective August 27, 2013.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

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

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal
SITLA, Ed Bonner

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR
OIL, GAS & MINING

APD's to Rescind

Mandie Crozier <mcrozier@newfield.com> Tue, Aug 27, 2013 at 4:18 PM
To: "dianawhitney@utah.gov" <dianawhitney@utah.gov>

Newfield would like to have the following Approved APD's Rescinded. (See attached list). Most of these APD's were permitted and approved in 2010 or earlier. We would like to emphasize that this is not an on-going issue and that we have drilled or plan to drill 95% of the APD's we've applied for in recent years. These were some areas and play types that we were assessing that we had to permit in advance due to long permit lag time – this caused us to "over-permit" these areas/plays so that we would have options to drill if successful.

Mandie Crozier
Regulatory Specialist.
Office: 435-646-4825
Mobile: 435-401-8335

NEWFIELD

APD's to Rescind_001.pdf
194K

Case Number	Well Name	Num	Lease	TYPE	Comment
UTU87538X	FEDERAL	10-21-8-16	UTU69060	40	**4301350033**
UTU87538X	HAWKEYE FEDERAL	10-22-8-16	UTU73088	40	**4301350094**
UTU87538X	FEDERAL	11-21-8-16	UTU69061	40	**4301350034**
UTU87538X	FEDERAL	11-22-8-16	UTU77339	40	**4301350085**
UTU87538X	HAWKEYE FEDERAL	11-27-8-16	UTU73088	40	**4301350057**
UTU87538X	FEDERAL	11-35-8-15	UTU67168	40	**4301334252**
UTU87538X	STATE	11-36-8-15	STATE	40	**4301334225** → Was Rescinded on 6/14/2012
UTU87538X	FEDERAL	1-21-8-16	UTU69060	40	**4301350025**
UTU87538X	FEDERAL	12-22-8-16	UTSL065914	40	**4301350086**
UTU87538X	FEDERAL	12-25-8-15	UTU67168	40	**4301350048**
UTU87538X	HAWKEYE FEDERAL	12-27-8-16	UTU73088	40	**4301350056**
UTU87538X	FEDERAL	1-25-8-15	UTU67168	40	**4301350027**
UTU87538X	HAWKEYE FEDERAL	1-27-8-16	UTU73088	40	**4301350040**
UTU87538X	FEDERAL	1-29-8-16	UTU69061	40	**4301350144**
UTU87538X	FEDERAL	1-30-8-16	UTU81000	40	**4301334192**
UTU87538X	FEDERAL	13-19-8-16	UTU73089	40	**4301334170**

UTU87538X	FEDERAL	14-19-8-16	UTU73089	40	**4301334169**
UTU87538X	FEDERAL	14-21-8-16	UTU69061	40	**4301350029**
UTU87538X	FEDERAL	14-22-8-16	UTU77339	40	**4301350100**
UTU87538X	TRAVIS FEDERAL	14-27-8-16	UTU62848	40	**4301350055**
UTU87538X	FEDERAL	15-19-8-16	UTU73089	40	**4301334168**
UTU87538X	FEDERAL	15-21-8-16	UTU69060	40	**4301350028**
UTU87538X	FEDERAL	16-19-8-16	UTU73089	40	**4301334167**
UTU87538X	FENCELINE FEDERAL	1A-22-8-16	UTU74868	40	**4301350090**
UTU87538X	FEDERAL	2-21-8-16	UTU69060	40	**4301350030**
UTU87538X	FENCELINE FEDERAL	2-22-8-16	UTU74868	40	**4301350891**
UTU87538X	HAWKEYE FEDERAL	2-27-8-16	UTU73088	40	**4301350041**
UTU87538X	FEDERAL	2-29-8-16	UTU69061	40	**4301334178**
UTU87538X	WEST POINT FEDERAL	2-31-8-16	UTU74389	40	**4301334200**
UTU87538X	FEDERAL	3-22-8-16	UTU76561	40	**4301350082**
UTU87538X	FEDERAL	3-29-8-16	UTU69060	40	**4301334177**
UTU87538X	FEDERAL	3-30-8-16	UTU81000	40	**4301334190**
UTU87538X	FEDERAL	4-22-8-16	UTU76561	40	**4301350099**

UTU87538X	FENCELINE FEDERAL	4-23-8-16	UTU74868	40	**4301350130**
UTU87538X	FEDERAL	4-27-8-16	UTU77339	40	**4301350062**
UTU87538X	FEDERAL	4-29-8-16	UTU69060	40	**4301334176**
UTU87538X	FEDERAL	5-22-8-16	UTU76561	40	**4301350083**
UTU87538X	FENCELINE FEDERAL	5-23-8-16	UTU74868	40	**4301350133**
UTU87538X	HAWKEYE FEDERAL	5-27-8-16	UTU73088	40	**4301350063**
UTU87538X	FEDERAL	5-30-8-16	UTU81000	40	**4301334189**
UTU87538X	WEST POINT FEDERAL	5-31-8-16	UTU74389	40	**4301334197**
UTU87538X	FEDERAL	6-21-8-16	UTU69060	40	**4301350031**
UTU87538X	FEDERAL	6-22-8-16	UTU76561	40	**4301350084**
UTU87538X	HAWKEYE FEDERAL	6-27-8-16	UTU73088	40	**4301350064**
UTU87538X	FEDERAL	6-30-8-16	UTU81000	40	**4301334188**
UTU87538X	WEST POINT FEDERAL	6-31-8-16	UTU74389	40	**4301334196**
UTU87538X	FEDERAL	6-35-8-15	UTU67168	40	**4301334247**
UTU87538X	FENCELINE FEDERAL	7-22-8-16	UTU74868	40	**4301350091**
UTU87538X	HAWKEYE FEDERAL	7-27-8-16	UTU73088	40	**4301350058**
UTU87538X	FEDERAL	7-35-8-15	UTU67168	40	**4301334248**

UTU87538X	FEDERAL	8-21-8-16	UTU69060	40	**4301350032**	
UTU87538X	FENCELINE FEDERAL	8-22-8-16	UTU74868	40	**4301350092**	
UTU87538X	FEDERAL	8-35-8-15	UTU67168	40	**4301334249**	
UTU87538X	FEDERAL	9-20-8-16	UTU77339	40	**4301350089**	
UTU87538X	HAWKEYE FEDERAL	9-22-8-16	UTU73088	40	**4301350093**	
UTU87538X	FEDERAL	9-35-8-15	UTU67168	40	**4301334250**	
UTU87538X	GMBU	G-32-8-16	STATE	20	**4301350835**	*
UTU87538X	GMBU	H-32-8-16	STATE	20	**4301350836**	→ Sitla
UTU87538X	GMBU	L-32-8-16	STATE	20	**4301350837**	→ Sitla
UTU87538X	GMBU	Q-32-8-16	STATE	20	**4301350838**	→ Sitla
UTU87538X	GMBU	R-32-8-16	STATE	20	**4301350839**	→ Sitla

Form 3160-3
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-69060

6. If Indian, Allotee or Tribe Name NA

7. If Unit or CA Agreement, Name and No. NA GRTR MNUMT Butte 12/1,

8. Lease Name and Well No. Federal 10-21-8-16

9. API Well No. 43 013 50033

10. Field and Pool, or Exploratory Monument Butte

11. Sec., T. R. M. or Blk. and Survey or Area Sec. 21, T8S R16E

1a. Type of work: ☑ DRILL ☐ REENTER

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

2. Name of Operator Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface NW/SE 2090' FSL 1941' FEL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approximately 9.4 miles southwest of Myton, UT

12. County or Parish Duchesne

13. State UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 699' f/lse, NA' f/unit

16. No. of acres in lease 1130.40

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. 2005'

19. Proposed Depth 6,690'

20. BLM/BIA Bond No. on file WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5450' GL

22. Approximate date work will start* 3rd Qrtr. 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:

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 5/21/09

Title Regulatory Specialist

Approved by (Signature) Stephanie J Howard — Name (Printed/Typed) Stephanie J Howard — Date 12/15/09

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)

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NOTICE OF APPROVAL

NOS 02-24-09

BLM VERNAL, UTAH AFMSS# 09MU0073A

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-440

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**NWSE, Sec. 21, T8S, R16E**
Well No:	**Federal 10-21-8-16**	**Lease No:**	**UTU-69060**
API No:	**43-013-50033**	**Agreement:**	**Greater Monument Butte (GR)**

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.

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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.

SITE SPECIFIC COAs:

CONDITIONS OF APPROVAL:

- Construction and drilling is not allowed from May 1 – June 15 to minimize impacts during mountain plover nesting.

- Construction and drilling is not allowed from March 1 – August 31 to minimize impacts during burrowing owl 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, re-contouring 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 re-contouring takes place, up to the rig anchor points and any area not needed for production. Buried pipelines will be re-contoured, 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

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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 re-contouring and reseeding.

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- 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.

Monitoring:

- The initial monitoring report will include but is not limited to: when the re-contouring 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 re-vegetation 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 re-vegetation. 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	*Elymus elymoides*	3.0	¼ - ½"
Siberian wheatgrass	*Agropyron fragile*	1.0	½"
Shadscale saltbush	*Atriplex confertifolia*	2.0	½"
Four-wing saltbush	*Atriplex canescens*	2.0	½"
Gardner's saltbush	*Atriplex gardneri*	2.0	½"
Scarlet globemallow	*Sphaeralcea coccinea*	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.

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- 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 (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.

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- 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.

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- 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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Form 3160-3
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-69060

6. If Indian, Allotee or Tribe Name NA

7. If Unit or CA Agreement, Name and No. NA GRTR MNUMT Butte 12/1,

8. Lease Name and Well No. Federal 10-21-8-16

9. API Well No. 43 013 50033

10. Field and Pool, or Exploratory Monument Butte

11. Sec., T. R. M. or Blk. and Survey or Area Sec. 21, T8S R16E

1a. Type of work: ☑ DRILL ☐ REENTER

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

2. Name of Operator Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface NW/SE 2090' FSL 1941' FEL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approximately 9.4 miles southwest of Myton, UT

12. County or Parish Duchesne

13. State UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 699' f/lse, NA' f/unit

16. No. of acres in lease 1130.40

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. 2005'

19. Proposed Depth 6,690'

20. BLM/BIA Bond No. on file WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5450' GL

22. Approximate date work will start* 3rd Qrtr. 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:

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 5/21/09

Title Regulatory Specialist

Approved by (Signature) Stephanie J Howard — Name (Printed/Typed) Stephanie J Howard — Date 12/15/09

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)

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NOTICE OF APPROVAL

NOS 02-24-09

BLM VERNAL, UTAH AFMSS# 09MU0073A

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-440

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**NWSE, Sec. 21, T8S, R16E**
Well No:	**Federal 10-21-8-16**	**Lease No:**	**UTU-69060**
API No:	**43-013-50033**	**Agreement:**	**Greater Monument Butte (GR)**

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.

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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.

SITE SPECIFIC COAs:

CONDITIONS OF APPROVAL:

- Construction and drilling is not allowed from May 1 – June 15 to minimize impacts during mountain plover nesting.

- Construction and drilling is not allowed from March 1 – August 31 to minimize impacts during burrowing owl 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, re-contouring 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 re-contouring takes place, up to the rig anchor points and any area not needed for production. Buried pipelines will be re-contoured, 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

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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 re-contouring and reseeding.

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- 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.

Monitoring:

- The initial monitoring report will include but is not limited to: when the re-contouring 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 re-vegetation 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 re-vegetation. 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	*Elymus elymoides*	3.0	¼ - ½"
Siberian wheatgrass	*Agropyron fragile*	1.0	½"
Shadscale saltbush	*Atriplex confertifolia*	2.0	½"
Four-wing saltbush	*Atriplex canescens*	2.0	½"
Gardner's saltbush	*Atriplex gardneri*	2.0	½"
Scarlet globemallow	*Sphaeralcea coccinea*	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.

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- 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.

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- 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:

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    - Well name and number.

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

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United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078
http://www.blm.gov/ut/st/en/fo/vernal.html

IN REPLY REFER TO:
3160 (UTG011)

OCT 2 8 2013

COPY

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

Re: Request to Rescind Approved APD

Well No. Federal 10-21-8-16
NWSE, Sec. 21, T8S, R16E
Duchesne County, Utah
Lease No. UTU-69060

43 013 50033

Dear Ms. Crozier:

The Application for Permit to Drill (APD) for the above-referenced well was approved on December 15, 2009. This office is rescinding its approval of the referenced Application for Permit to Drill per your request to this office in an email message to Land Law Examiner Robin Hansen received on August 27, 2013. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding APD processing, please contact Leslie Buhler at (435) 781-3432.

Sincerely,

RECEIVED
NOV 0 4 2013
DIV. OF OIL, GAS & MINING

Jerry Kenczka
Assistant Field Manager
Lands & Resource Minerals

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