

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

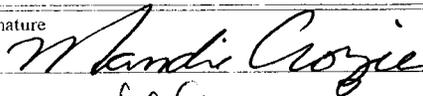
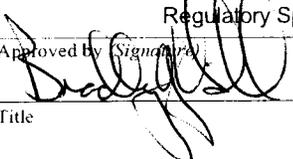
5. Lease Serial No. UTU-74392
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 13-22-9-16
9. API Well No. 43013-33148
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area SW/SW Sec. 22, T9S R16E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		
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 SW/SW 906' FSL 702' FWL 575817X 40.011364 At proposed prod. zone 4429209Y -110.111679		
14. Distance in miles and direction from nearest town or post office* Approximatley 24.5 miles southwest of Myton, Utah		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1734' f/lse, NA f/unit	16. No. of Acres in lease 2080.00	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. 1715'	19. Proposed Depth 5980'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5994' GL	22. Approximate date work will start* 3rd Quarter 2006	23. Estimated duration Approximately seven (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, shall be attached to this form:

- | | |
|--|---|
| <ul style="list-style-type: none"> 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 shall be filed with the appropriate Forest Service Office). | <ul style="list-style-type: none"> 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 authorized officer. |
|--|---|

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/18/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 06-08-06
Title ENVIRONMENTAL MANAGER		

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

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

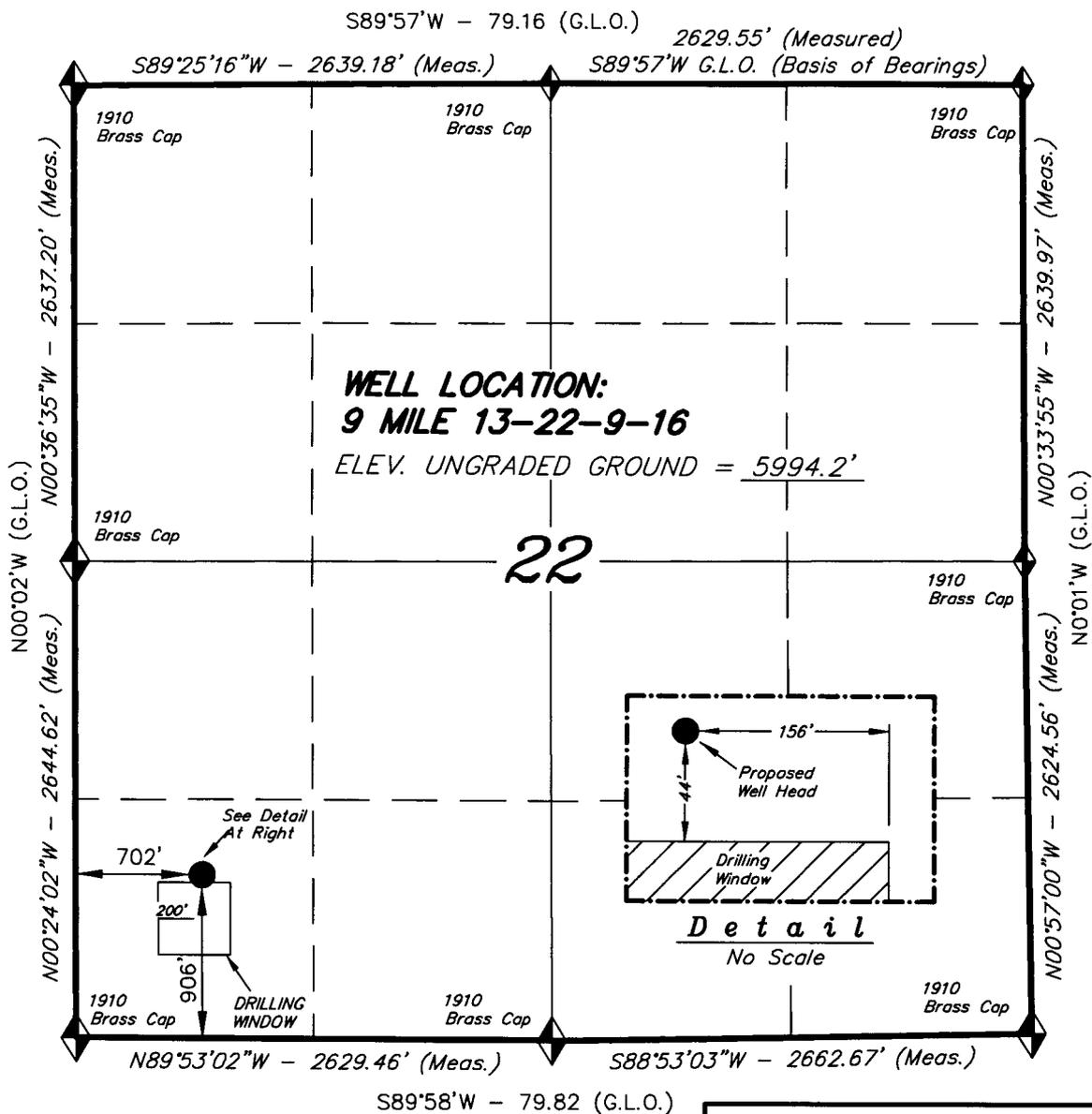
*(Instructions on reverse)

**Federal Approval of this
Action Is Necessary**

APR 19 2006

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

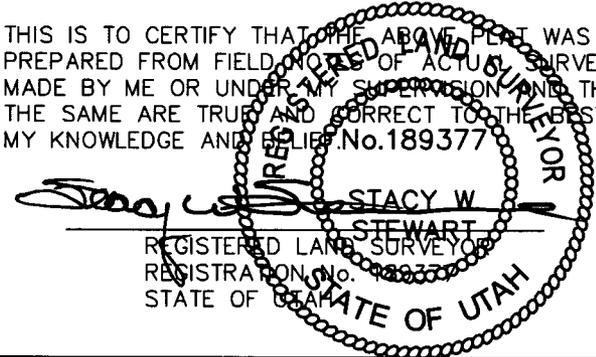
NEWFIELD PRODUCTION COMPANY



WELL LOCATION, 9 MILE 13-22-9-16,
 LOCATED AS SHOWN IN THE SW 1/4 SW
 1/4 OF SECTION 22, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF No.189377



◆ = SECTION CORNERS LOCATED
 BASIS OF ELEV;
 U.S.G.S. 7-1/2 min QUAD (MYTON SE)

9 MILE 13-22-9-16
 (Surface Location) NAD 83
 LATITUDE = $40^{\circ} 00' 41.70''$
 LONGITUDE = $110^{\circ} 06' 44.32''$

TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 03-31-06	SURVEYED BY: C.M.
DATE DRAWN: 4-3-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



June 2, 2006

Utah Division of Oil, Gas & Mining
P.O. Box 145801
Attn: Diana Whitney
Salt Lake City, Utah 84114-5801

Re: Exception Location: Federal 13-22-9-16
906' FSL, 702' FWL SWSW Sec 22-T9S-16E
Duschene Cty., Utah; Lease UTU-74392

Dear Ms. Whitney:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company, Inc. hereby requests an exception location for the drilling of the captioned well. Rule R649-3-2 requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The above referenced location is an exception location under Rule 649-3-2, being 44' north of the drilling window tolerance for the SWWW of Sec 22-T9S-R16E. The attached plat depicts the proposed drillsite location and illustrates the deviation from the drilling window, in accordance with Rule R649-3-2. The requested location has been selected due to the extreme terrain.

Please note the location is completely within Federal lease UTU-74392. The drillsite lease and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed location are owned by Newfield Production Company, Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation. We have contacted these owners and their consent to this location is attached.

If you have any questions or need additional information please contact me at (303)-382-4448. Thank you for your assistance in this matter.

Sincerely,
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Laurie Deseau".

Laurie Deseau
Properties Administrator

RECEIVED

JUN 08 2006

DIV. OF OIL, GAS & MINING

Exception Location
Federal 13-22-9-16; UTU-74392

Please be advised that Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation do not have an objection to the proposed location of the aforementioned well.

By: 

Date: May 18, 2006

Ernest L. Carroll, Senior Landman
Print Name and Title

Form 3160-3
(September 2001)

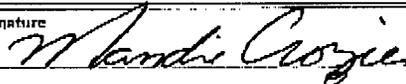
**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER**

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74392	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A	
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 13-22-9-16	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SW 908' FSL 702' FWL At proposed prod. zone		9. API Well No.	
14. Distance in miles and direction from nearest town or post office* Approximately 24.5 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1734' (1/8", NA (unit)		11. Sec., T., R., M., or Bk. and Survey or Area SW/SW Sec. 22, T9S R16E	
16. No. of Acres in lease 2080.00	17. Spacing Unit dedicated to this well 40 Acres	12. County or Parish Duchesne	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease. ft. Approx. 1715'	19. Proposed Depth 5980'	13. State UT	
20. BLM/BIA Bond No. on file UTB000192	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5994' GL	22. Approximate date work will start* 3rd Quarter 2006	
23. Estimated duration Approximately seven (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, shall be attached to this form:

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/18/06
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the 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.

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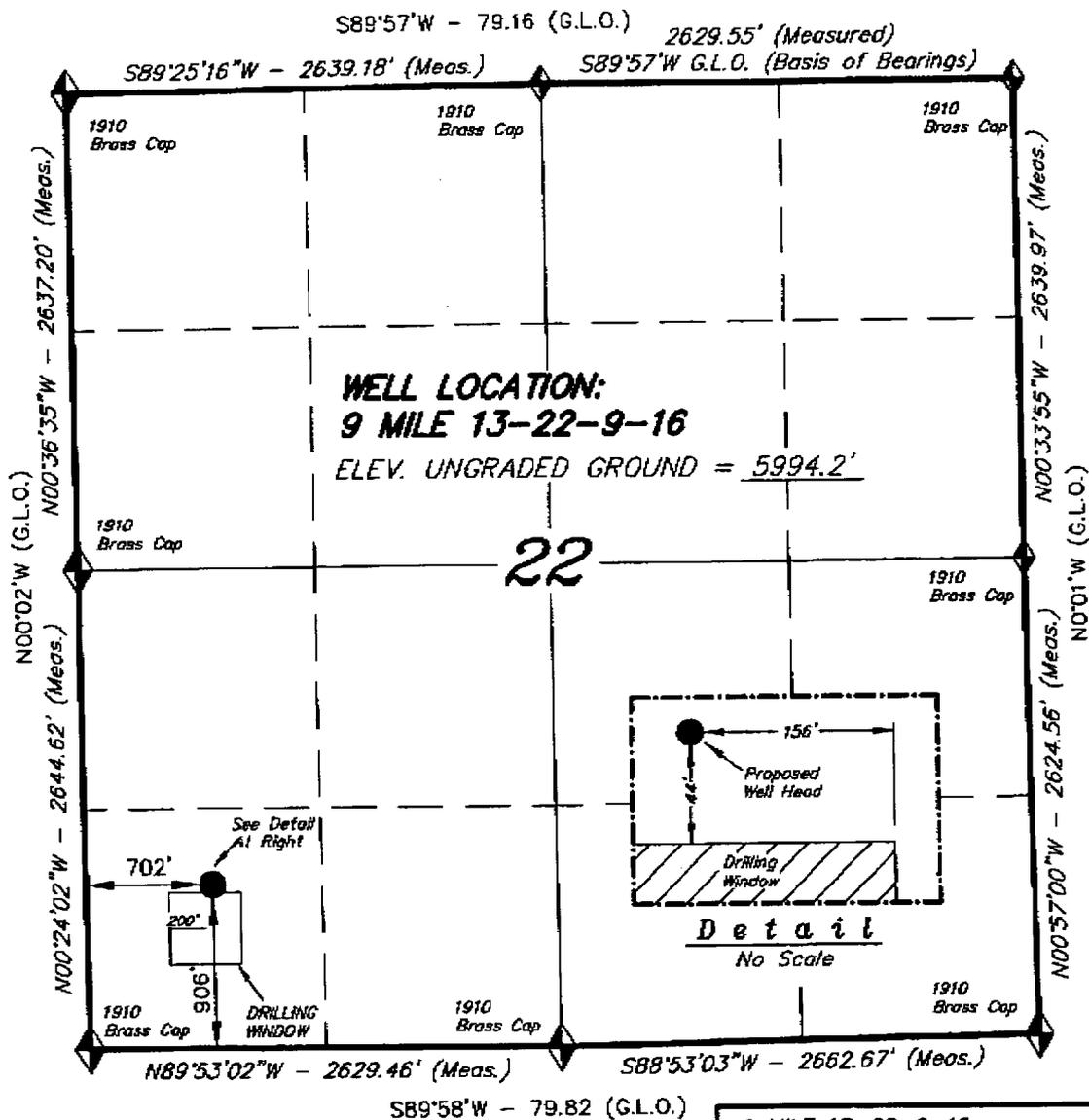
*(Instructions on reverse)

**RECEIVED
JUN 08 2006
DIV. OF OIL, GAS & MINING**

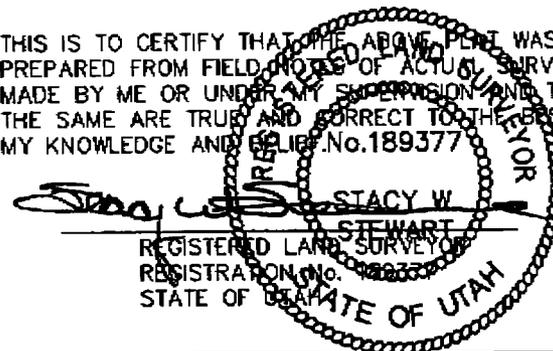
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 13-22-9-16,
 LOCATED AS SHOWN IN THE SW 1/4 SW
 1/4 OF SECTION 22, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING

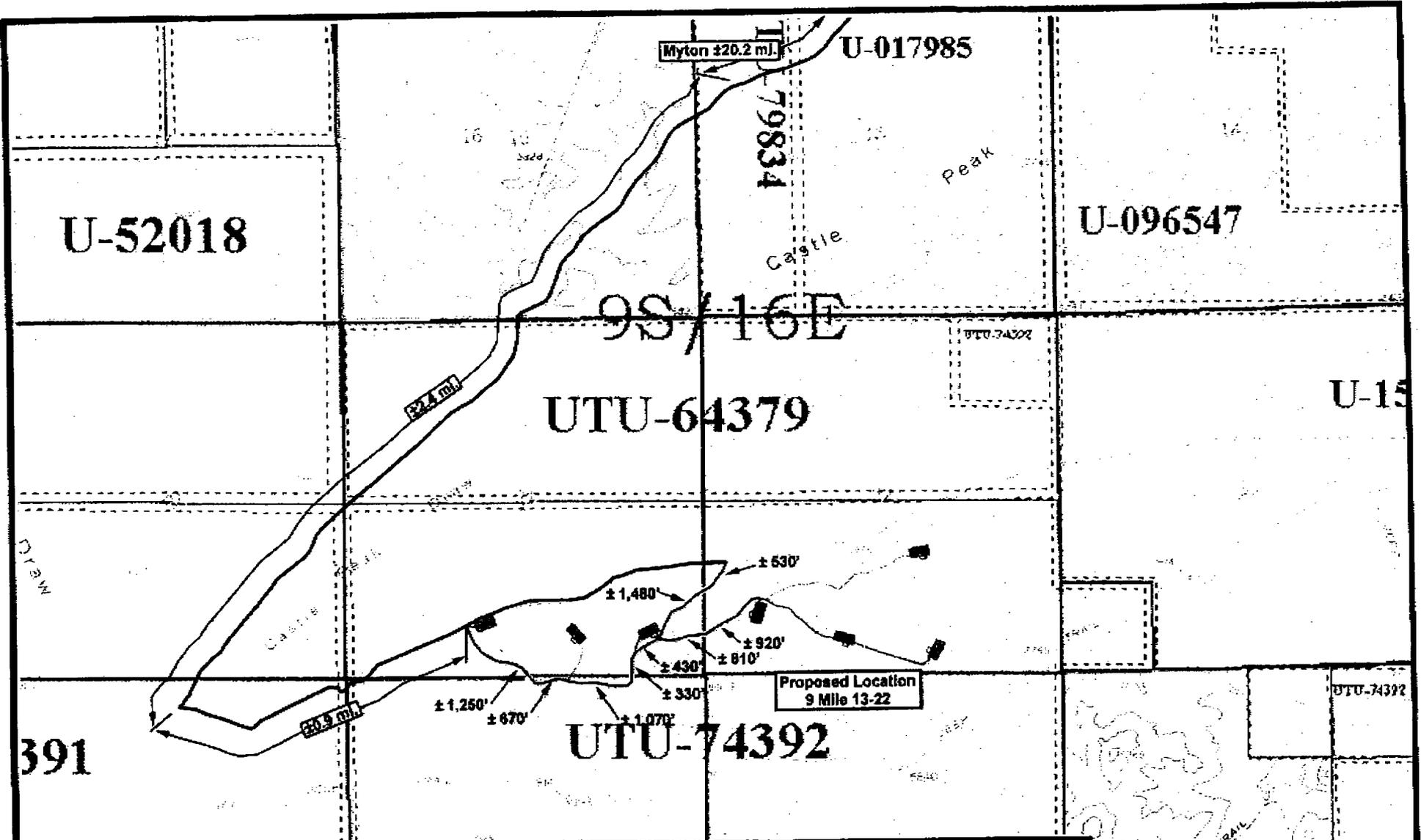
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 03-31-06	SURVEYED BY: C.M.
DATE DRAWN: 4-3-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

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

9 MILE 13-22-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 00' 41.70"
 LONGITUDE = 110° 06' 44.32"



NEWFIELD
Exploration Company

9 Mile 13-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.

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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 04-04-2006

Legend

Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



April 18, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 11A-22-9-16, 13-22-9-16 and
14-22-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 13-22-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

A handwritten signature in cursive script that reads "Mandie Crozier".

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
APR 19 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
FEDERAL #13-22-9-16
SW/SW SECTION 22, T9S, 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' – 2300'
Green River	2300'
Wasatch	5980'

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

Green River Formation 2300' – 5980' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
FEDERAL #13-22-9-16
SW/SW SECTION 22, T9S, 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 #13-22-9-16 located in the SW 1/4 SW 1/4 Section 22, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 10.1 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly and then northeasterly - 0.9 miles \pm to it's junction with the beginning of the proposed access road to the southeast; proceed southeasterly and then northeasterly - 3750' \pm to it's junction with a proposed road to the northeast; proceed northeasterly along the proposed access road - 1730' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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 #05-240, 7/25/05. Paleontological Resource Survey prepared by. Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #13-22-9-16 Newfield Production Company requests 5480` of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18` crown road (9` either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. 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 5480` of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50` wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 5480` of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50` wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None.

Reserve Pit Liner

A 12 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)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Federal #13-22-9-16 was on-sited on 3/17/06. The following were present; Shon Mckinnon (Newfield Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 30% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
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 #13-22-9-16 SW/SW Section 22, Township 9S, Range 16E: Lease UTU-74392 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 Hartford Accident #4488944.

I hereby certify that the proposed drillsite 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.

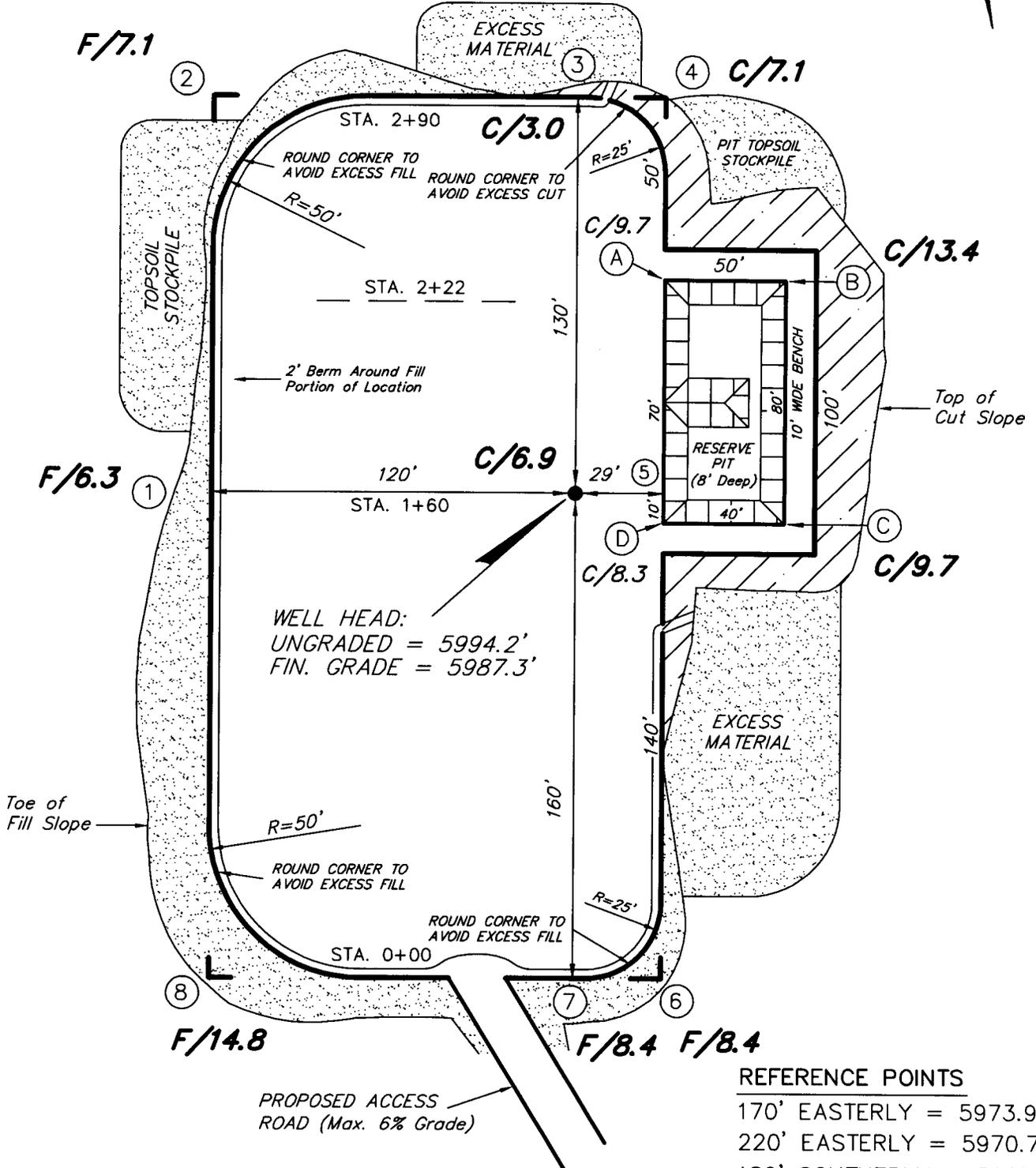
_____ 4/18/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 13-22-9-16

Section 22, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

170' EASTERLY	= 5973.9'
220' EASTERLY	= 5970.7'
180' SOUTHERLY	= 5987.4'
230' SOUTHERLY	= 5988.8'

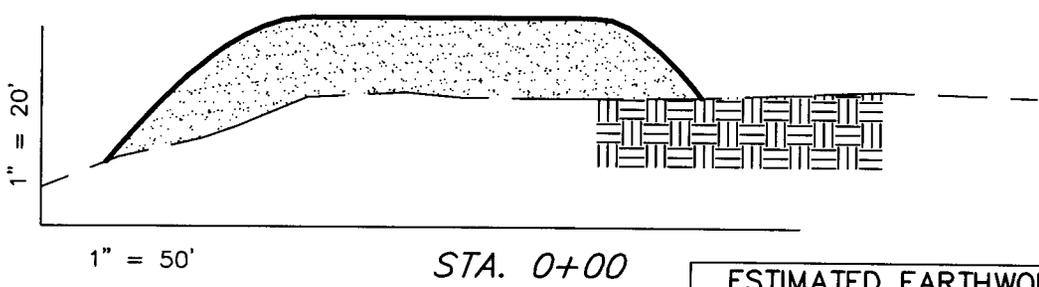
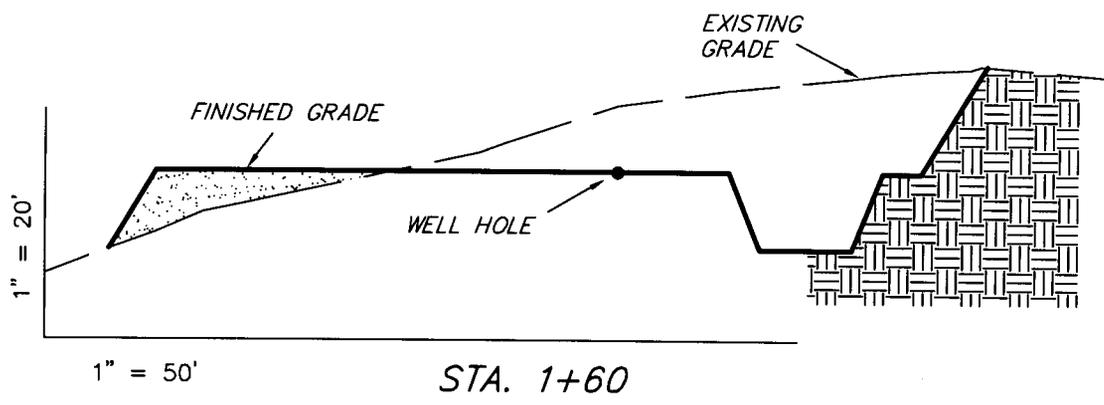
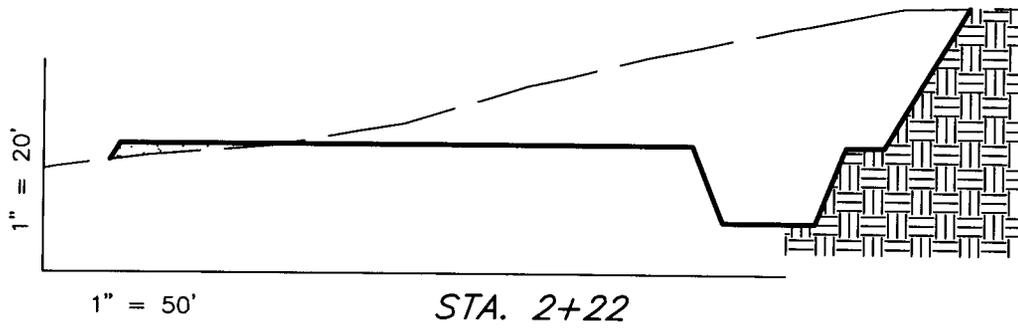
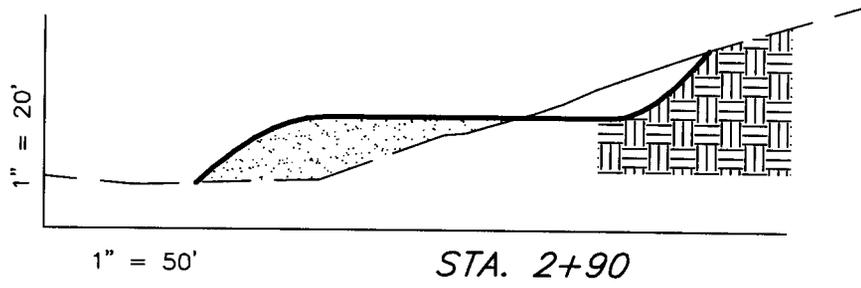
SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 4-3-06

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 13-22-9-16



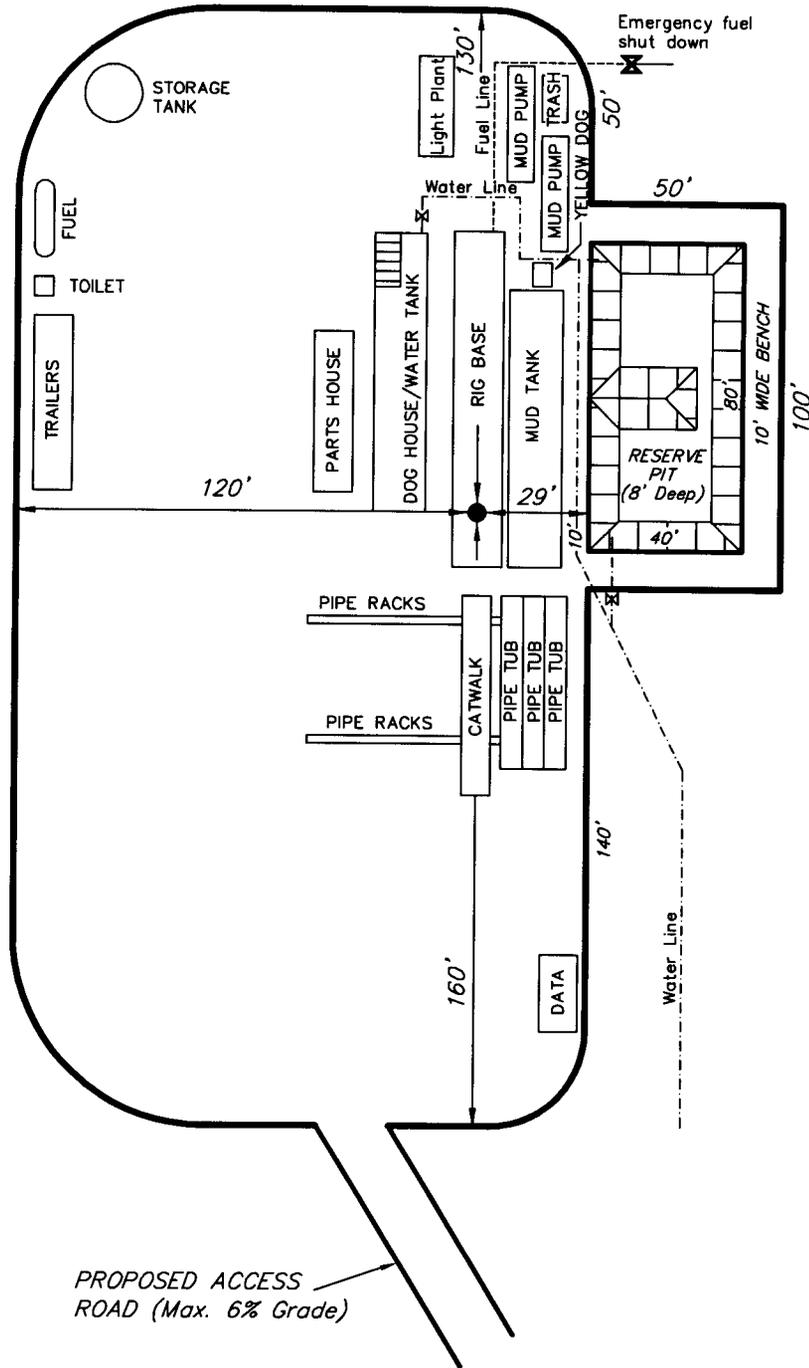
NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	5,290	5,290	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	5,930	5,290	1,090	640

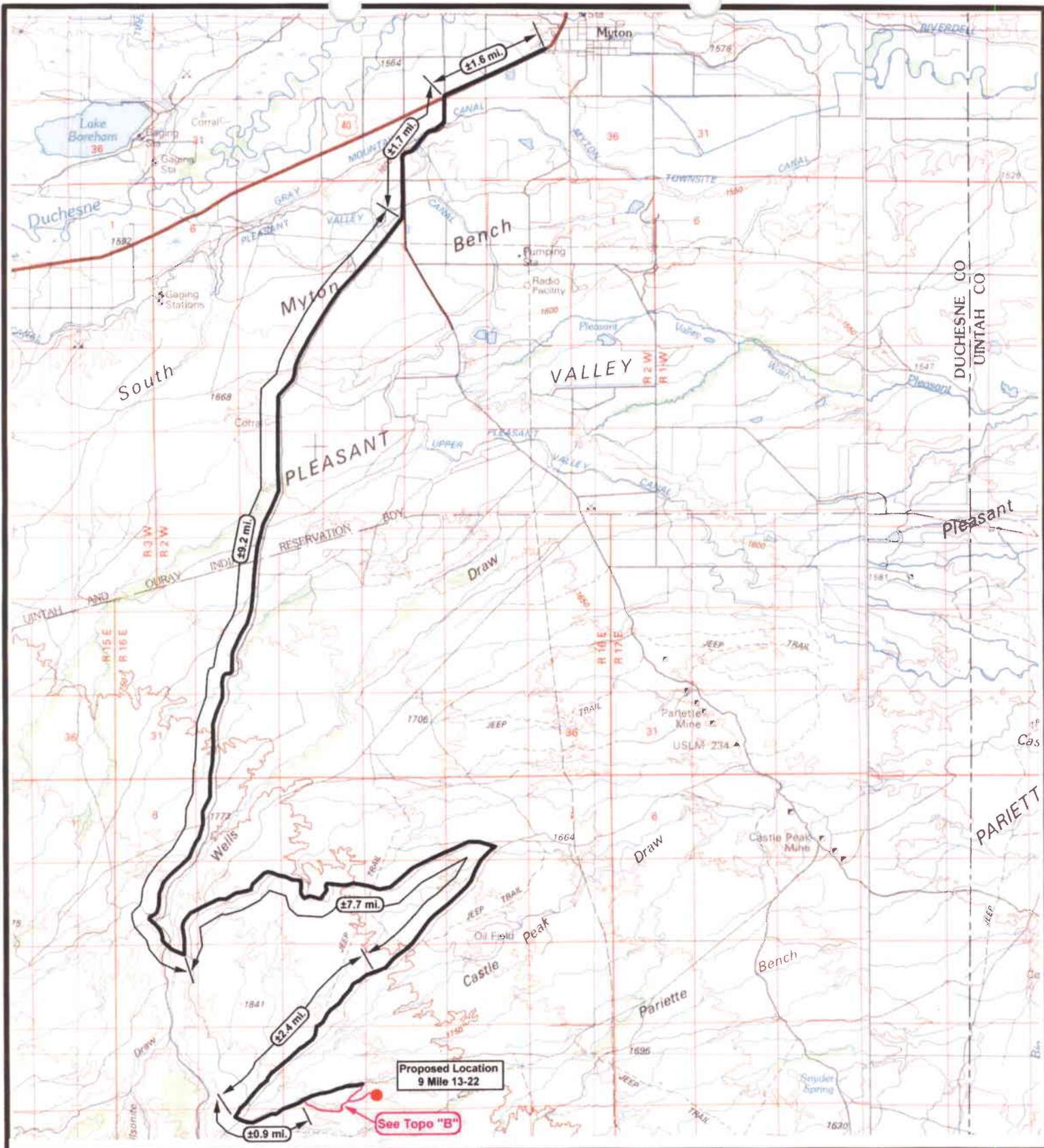
SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 4-3-06

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

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 13-22-9-16



SURVEYED BY: C.M.	SCALE: 1" = 50'	 (435) 781-2501 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
DRAWN BY: M.W.	DATE: 4-3-06	



Proposed Location
9 Mile 13-22

See Topo "B"

NEWFIELD
Exploration Company

9 Mile 13-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.



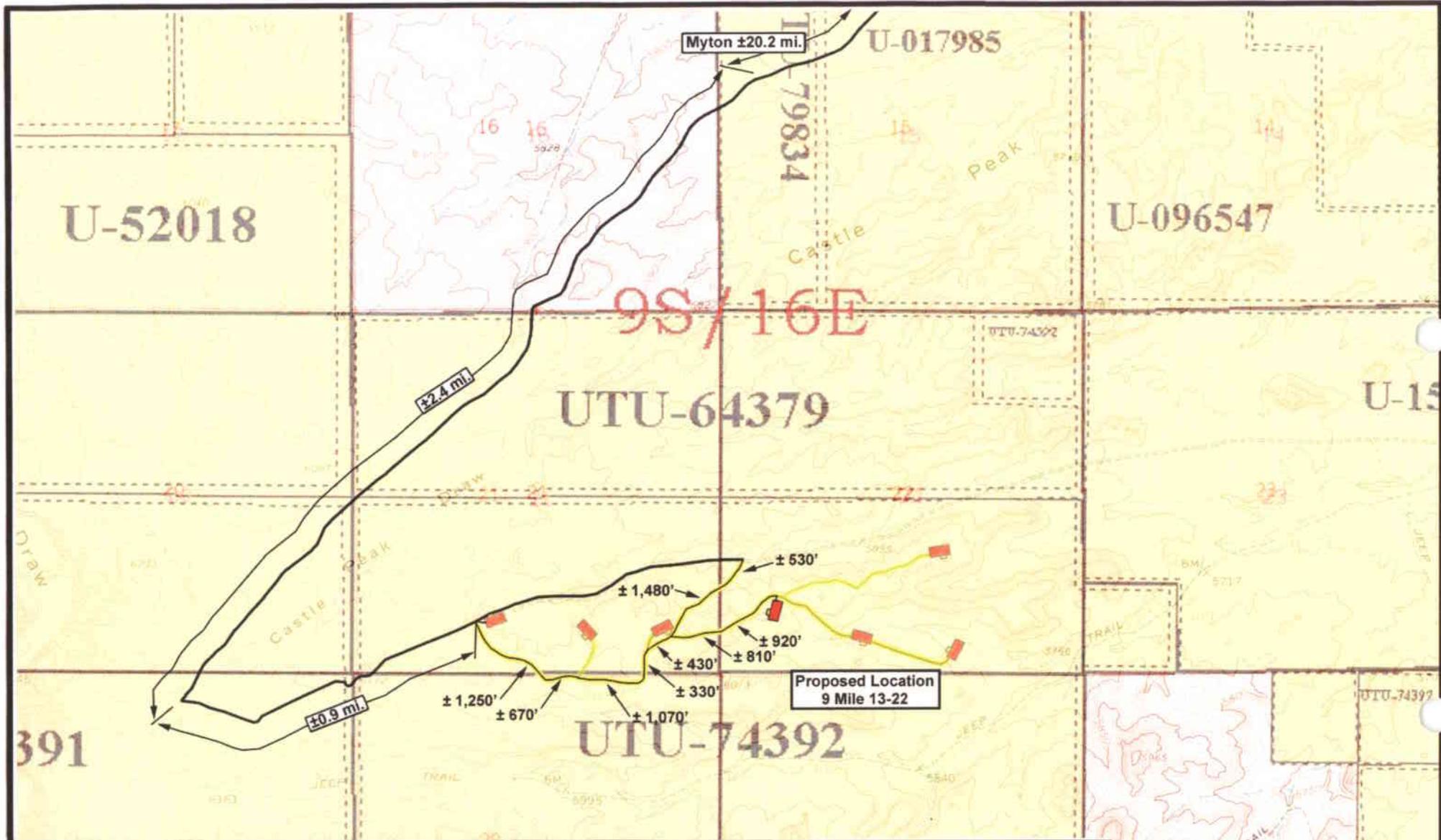
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 04-04-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 13-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.



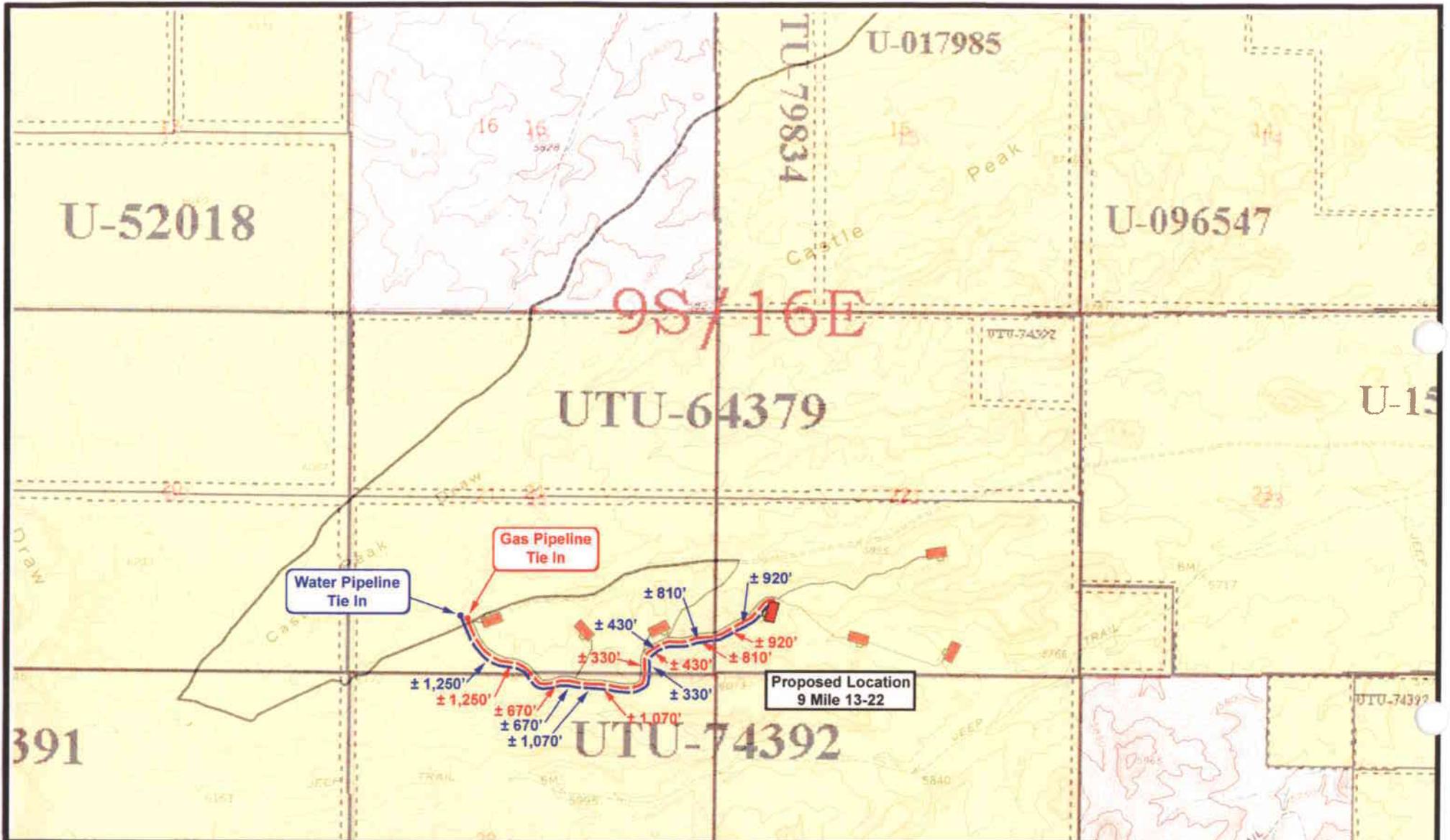
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180 North Vernal Ave. Vernal, Utah 84078

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Legend

Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

9 Mile 13-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.

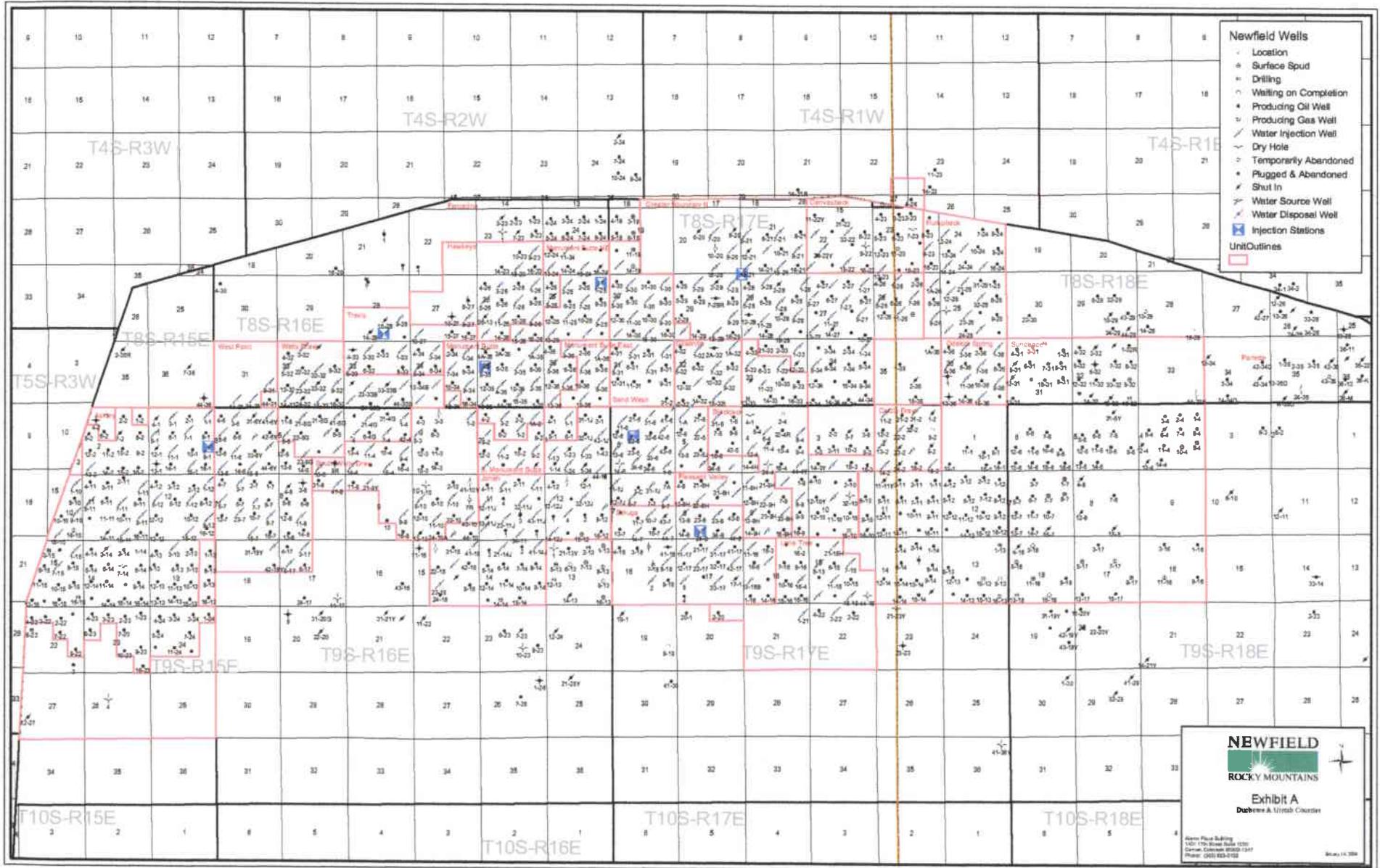
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

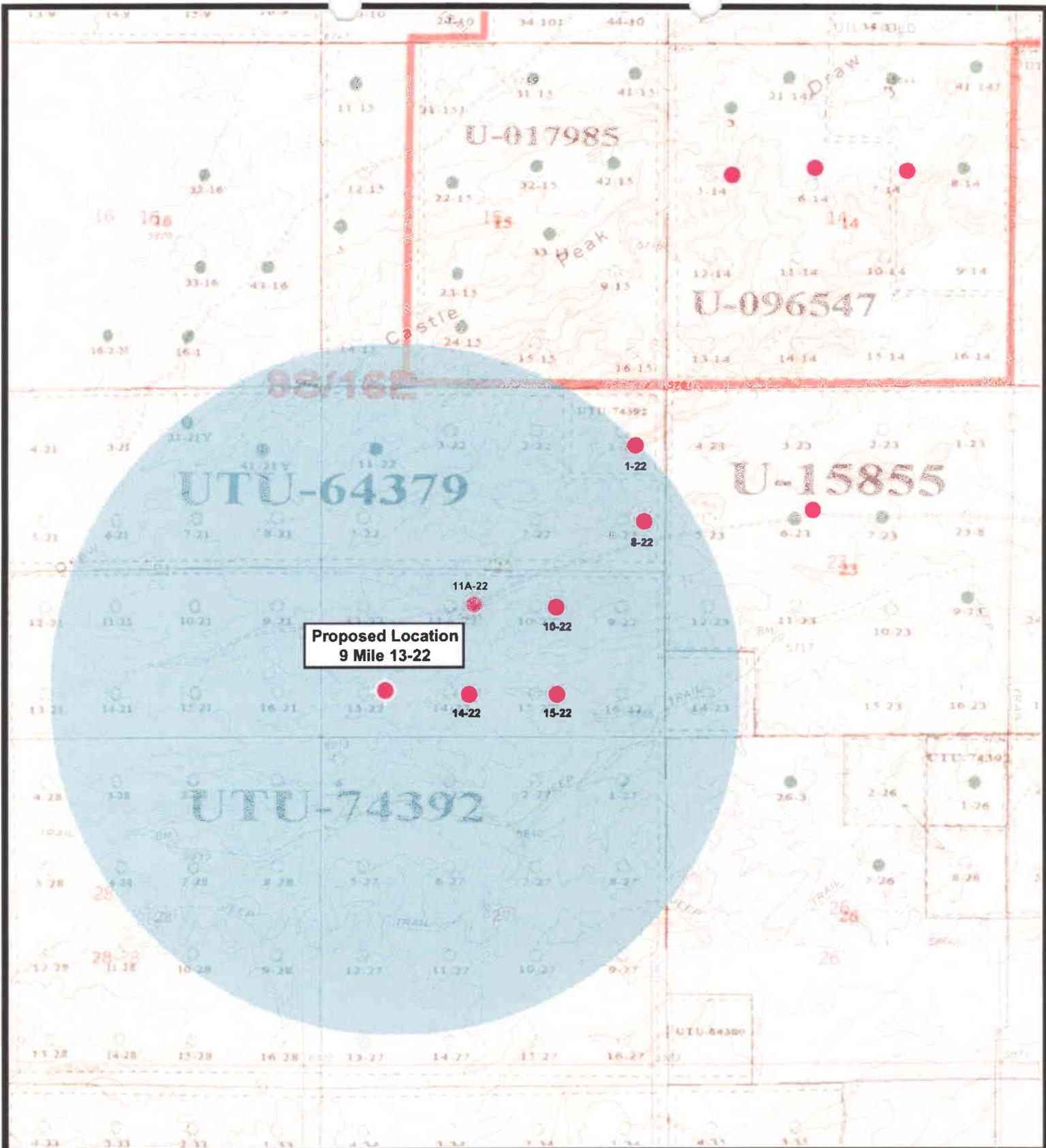
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 04-04-2006

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP
"C"





**Proposed Location
9 Mile 13-22**



NEWFIELD
Exploration Company

**9 Mile 13-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.**



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

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 04-04-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

Exhibit "D"
Page 1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 21 and 22,
DUCHESNE COUNTY, UTAH

By:

Katie Simon

Prepared For:

Bureau fo 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 147
Moab, Utah 84532

MOAC Report No. 05-240

July 25, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0709b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22 (excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through 16-9-9-16]; Entire Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4) [1 through 5, 8,11 through 16-9-9-16]; Entire Section 24 (excluding SW 1/4, NW 1/4) [1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
September 28, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/19/2006

API NO. ASSIGNED: 43-013-33148

WELL NAME: FEDERAL 13-22-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SWSW 22 090S 160E

SURFACE: 0906 FSL 0702 FWL

BOTTOM: 0906 FSL 0702 FWL

COUNTY: DUCHESNE

LATITUDE: 40.01156 LONGITUDE: -110.1117

UTM SURF EASTINGS: 575817 NORTHINGS: 4429209

FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74392

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

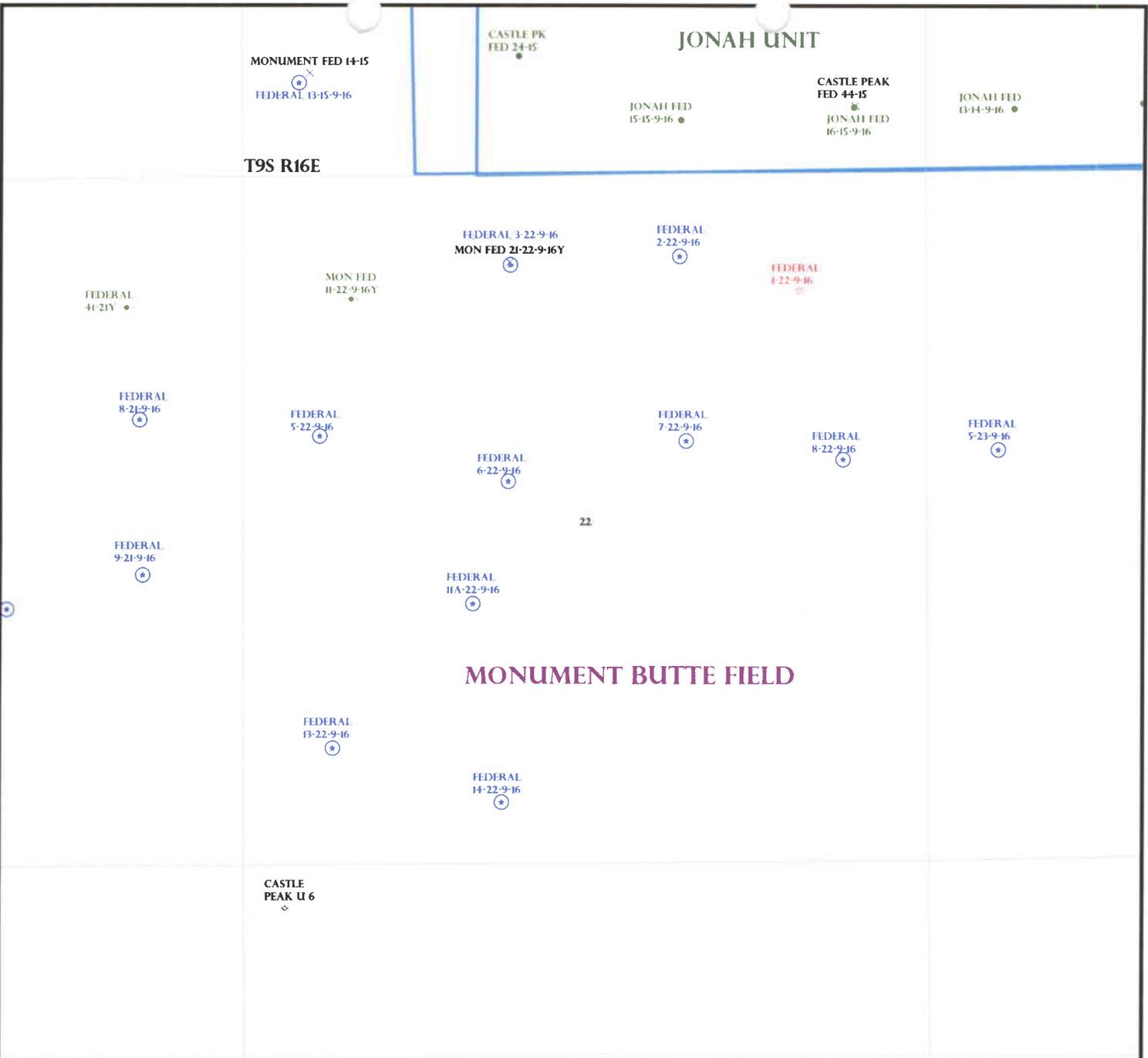
- ___ R649-2-3.
- Unit: _____
- ___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- ___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- ___ R649-3-11. Directional Drill

COMMENTS:

(See Separate File)

STIPULATIONS:

- 1- *End of Approval*
- 2- *Spacing Strip*



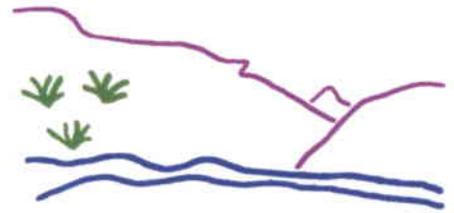
OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 22 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-3 / EXCEPTION LOCATION



Utah Oil Gas and Mining

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- Unit Status**
- EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PENDING
 - PI OIL
 - PP GAS
 - PP GEOTHERML
 - PP OIL
 - SECONDARY
 - TERMINATED

- Wells Status**
- GAS INJECTION
 - GAS STORAGE
 - LOCATION ABANDONED
 - NEW LOCATION
 - PLUGGED & ABANDONED
 - PRODUCING GAS
 - PRODUCING OIL
 - SHUT-IN GAS
 - SHUT-IN OIL
 - TEMP. ABANDONED
 - TEST WELL
 - WATER INJECTION
 - WATER SUPPLY
 - WATER DISPOSAL
 - DRILLING



PREPARED BY: DIANA WHITNEY
DATE: 24-APRIL-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

June 8, 2006

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

Re: Federal 13-22-9-16 Well, 906' FSL, 702' FWL, SW SW, Sec. 22, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

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

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33148.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company

Well Name & Number Federal 13-22-9-16

API Number: 43-013-33148

Lease: UTU-74392

Location: SW SW **Sec.** 22 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

RECEIVED

APR 19 2006

Form 3160-3
(September 2001)

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
BLM VERNAL, UTAH

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74392
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Federal 13-22-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33148
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/SW 906' FSL 702' FWL At proposed prod. zone		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 24.5 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SW/SW Sec. 22, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1734' flse, NA fl/unit	16. No. of Acres in lease 2080.00	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. 1715'	19. Proposed Depth 5980'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5994' GL	22. Approximate date work will start* 3rd Quarter 2006	23. Estimated duration Approximately seven (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, shall be attached to this form:

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

25. Signature <i>Mandi Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 4/18/06
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kenceka</i>	Name (Printed/Typed) JERRY KENCEKA	Date 2-7-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the 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.

*(Instructions on reverse)

RECEIVED
FEB 13 2007
DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL



No NOS

07RM4741A



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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company Location: SWSW, Sec 22, T9S, R16E
Well No: Federal 13-22-9-16 Lease No: UTU-74392
API No: 43-013-33148 Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
After Hours Contact Number:	435-781-4513	Fax: 435-781-4410	

**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 one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- Location Construction (Notify Chuck Macdonald) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify Chuck Macdonald) - 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 Jamie Sparger) - Twenty-Four (24) hours prior to running casing and cementing all casing strings.
- BOP & Related Equipment Tests (Notify Jamie Sparger) - Twenty-Four (24) hours prior to initiating pressure tests.
- First Production Notice (Notify Petroleum Engineer) - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.



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

LEASE STIPULATIONS

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lease Notices from RMP: Lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Comments: None of the suspected species (or their burrows or nests) was identified on or near the location.
- Notice to Lessee- Oil and Gas Lease Qualifications:
This lease is the under the provisions of the Mineral Leasing Act (MLA) of 1920, as amended by the Federal Coal Leasing Amendments Act of 1976, affect an entity's qualifications to obtain an oil and gas lease.

GENERAL CONDITIONS OF APPROVAL

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.

- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:
 - Crested wheatgrass (*Agropyron cristatum*): 4 lbs/acre
 - Needle and Threadgrass (*Hesperostipa comata*): 4 lbs/acre
 - Indian Ricegrass (*Achnatherum hymenoides*): 4 lbs/acre
 - All pounds are in pure live seed.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method,

the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. Production casing cement shall be brought up and into the surface.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. 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. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. 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.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, 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.
8. 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.
9. 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.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. 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 pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

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.

10. 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.

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_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. 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.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The 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.
13. 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.
14. This APD is approved subject to the requirement that, 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:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location ($1/4$ 1/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. 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).
 - f. 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.

- g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
 16. 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
 17. 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.
 18. 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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 13-22-9-16

Api No: 43-013-33148 Lease Type: FEDERAL

Section 22 Township 09S Range 16E County UINTAH

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 05/09/07

Time 8:30 AM

How DRY

Drilling will Commence: _____

Reported by JOHNNY DAVIS

Telephone # (435) 823-3610

Date 05/09/07 Signed CHD

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

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84082

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG			COUNTY
B	99999	12187	4301333264	Hawkeye FEDERAL I-26-B-16	SENE	26	8S	16E	DUCHESNE	5/11/2007	5/30/07
WELL 1 COMMENTS: B HL = C NE/4 GRUV											
A	99999	16132	4301333100	FEDERAL 6-19-9-16	SENW	19	9S	16E	DUCHESNE	5/13/2007	5/30/07
GRUV											
A	99999	16133	4301333148	FEDERAL 13-22-9-16	SWSW	22	9S	16E	DUCHESNE	5/13/2007	5/30/07
GRUV											
A	99999	16134	4301333165	FEDERAL 16-21-9-16	SESE	21	9S	16E	DUCHESNE	5/13/2007	5/30/07
GRUV											
A	99999	16135	4301333110	FEDERAL 10-21-9-16	NWSE	21	9S	16E	DUCHESNE	5/13/2007	5/30/07
WELL 4 COMMENTS: GRUV											
A	99999	16136	4301333149	FEDERAL 11A-22-9-16	NESE	22	9S	16E	DUCHESNE	5/16/2007	5/30/07
WELL 5 COMMENTS:											

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

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

RECEIVED
MAY 16 2007

Signature _____ Janiri Park
Production Clerk _____
Date April 18, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

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.

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

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

906 FSL 702 FWL

SWSW Section 27 T9S R19E

5. Lease Serial No.

USA UTU-74392

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

FEDERAL 13-22-9-16

9. API Well No.

4301333148

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

RICHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directly or recomple 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 recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice 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.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

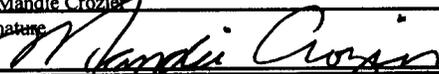
Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

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

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

Mandie Crozier

Signature



Title

Regulatory Specialist

Date

06/25/2007

Approved by

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.

Title

Date

Office

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

(Instructions on reverse)

RECEIVED

JUL 03 2007

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-74392

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: PHONE NUMBER
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 906 FSL 702 FWL COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 22, T9S, R16E STATE: UT

8. WELL NAME and NUMBER:
FEDERAL 13-22-9-16

9. API NUMBER:
4301333148

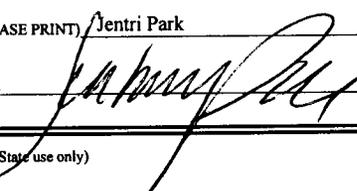
10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/10/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 06/25/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE  DATE 07/10/2007

(This space for State use only)

RECEIVED
JUL 11 2007
DW. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 13-22-9-16

4/1/2007 To 8/30/2007

6/19/2007 Day: 1

Completion

Rigless on 6/18/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5802' & cement top @ 60'. Perforate stage #1. CP5 sds @ 5662-5672' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 139 BWTR. SIFN.

6/21/2007 Day: 2

Completion

Rigless on 6/20/2007 - RU BJ Services. 62 psi on well. Frac CP5 sds w/ 41,156#'s of 20/40 sand in 409 bbls of Lightning 17 fluid. Broke @ 3577 psi. Treated w/ ave pressure of 1991 psi @ ave rate of 21.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2175 psi. Leave pressure on well. 548 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' & 6' perf gun. Set plug @ 5390'. Perforate LODC sds @ 5274- 86', 5258- 64' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 72 shots. RU BJ Services. 1736 psi on well. Frac LODC sds w/ 79,611#'s of 20/40 sand in 602 bbls of Lightning 17 fluid. Broke @ 3527 psi. Treated w/ ave pressure of 2528 psi @ ave rate of 21.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2750 psi. Leave pressure on well. 1150 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 8' & 8' perf gun. Set plug @ 5200'. Perforate LODC sds @ 5128- 36', 5107- 15' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 64 shots. RU BJ Services. 1176 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bail acid. Frac LODC sds w/ 55,106#'s of 20/40 sand in 451 bbls of Lightning 17 fluid. Broke @ 3388 psi. Treated w/ ave pressure of 2838 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 3235 psi. Leave pressure on well. 1601 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 14' perf gun. Set plug @ 5020'. Perforate A1 sds @ 4928- 42' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. RU BJ Services. 984 psi on well. Frac A1 sds w/ 59,043#'s of 20/40 sand in 475 bbls of Lightning 17 fluid. Broke @ 3524 psi. Treated w/ ave pressure of 1937 psi @ ave rate of 24.7 BPM. ISIP 2260 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 2 hrs & died. Rec. 120 BTF. SIWFN w/ 1956 BWTR.

6/22/2007 Day: 3

Completion

NC #1 on 6/21/2007 - 6:30AM MIRU NC#1, N/D 10,000 BOP & Frac Flng, N/U 3,000 Flng & 5,000 BOP, P/U & RIH W/-4 3/4 Bit, Bit Sub 155 Jts Tbg To Fill @ 4878', R/U Nabors Pwr Swvl & C/Out To Plg @ 5020', Drill Up Plg, Swvl I/Hle To Fill @ 5105', C/Out To Plg @ 5200', Drill Up Plg, Swvl I/Hle To Fill @ 5380', C/Out To Plg @ 5390', Drill Up Plg, SWI, EOB @ 5419', 6:30PM C/SDFN. Well Gained 193 Bbls Wtr Drilling Plgs.

6/25/2007 Day: 4

Completion

NC #1 on 6/24/2007 - 6:30AM OWU, RIH W/-Tbg To Fill @ 5721', C/Out To PBTD @ 5844', Curc Well Clean 1 Hr, POOH W/-5 Jts Tbg, EOB @ 5702', R/U Swab, RIH IFL @ Surf, Made 13 Swab Runs, Recvred 152 Bbls Wtr, Lite Trce Oil, Lite Trce Sand FFL @ 2200', RIH W/-Tbg To Fill @ 5840', C/Out To PBTD @ 5844', Curc Well Clean, POOH W/-186 Jts Tbg, Bit Sub & Bit. P/U & RIH W/- Tbg Production String Shown Below. N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD. SWI, 6:00PM C/SDFN.

6/26/2007 Day: 5

Completion

NC #1 on 6/25/2007 - 6:30AM OWU, R/U R/pmp & Flsh Tbg W/-60 Bbls Wtr, P/U Stroke & RIH W/-CDI-2 1/2x1 1/2x12x15' RHAC & Rod Detail Shown Below, R/U Unit, Hole Standing Full, Stroke Unit & Tbg To 800 Psi, Good Test. Rack Out Eq, R/D Rig. POP @ 12:00PM , 86" SL, 5 SPM, (Final Report).

Pertinent Files: Go to File List

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

UTU-74392

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Federal

8. FARM OR LEASE NAME, WELL NO.

Federal 13-22-9-16

9. WELL NO.

43-013-33148

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 22, T9S, R16E

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL

NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)

At Surface 906' FSL & 702' FWL (SW/SW) Sec. 22, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-33148 DATE ISSUED 06/08/06

12. COUNTY OR PARISH Duchesne

13. STATE UT

15. DATE SPUNDED 05/09/07

16. DATE T.D. REACHED 06/01/07

17. DATE COMPL. (Ready to prod.) 06/25/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5994' GL

19. ELEV. CASINGHEAD 6006' KB

20. TOTAL DEPTH, MD & TVD 5900'

21. PLUG BACK T.D., MD & TVD 5844'

22. IF MULTIPLE COMPL., HOW MANY* _____

23. INTERVALS DRILLED BY ----->

ROTARY TOOLS X

CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4928'-5672'

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	314'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5892'	7-7/8"	325 sx Premlite II and 425 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5742'	TA @ 5642'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5662'-5672'	.49"	4/40	5662'-5672'	Frac w/ 41,156# 20/40 sand in 409 bbls fluid
(LODC) 5274'-5286', 5258'-5264'	.49"	4/72	5258'-5286'	Frac w/ 79,611# 20/40 sand in 602 bbls fluid
(LODC) 5128'-5136', 5107'-5115'	.49"	4/64	5107'-5136'	Frac w/ 55,106# 20/40 sand in 451 bbls fluid
(A1) 4928'-4942'	.49"	4/56	4928'-4942'	Frac w/ 59,043# 20/40 sand in 475 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 06/25/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 12' x 15' RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 10 day ave	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 41	GAS--MCF. 16	WATER--BBL. 32	GAS-OIL RATIO 390
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jennifer Park

TITLE Production Clerk

DATE 07/12/07

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 13-22-9-16	Garden Gulch Mkr	3738'	
				Garden Gulch 1	3846'	
				Garden Gulch 2	4084'	
				Point 3 Mkr		
				X Mkr	4356'	
				Y-Mkr	4389'	
				Douglas Creek Mkr	4502'	
				BiCarbonate Mkr	4730'	
				B Limestone Mkr	4848'	
				Castle Peak	5374'	
				Basal Carbonate	5810'	
				Total Depth (LOGGERS)	5890'	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 13-22-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0906 FSL 0702 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 22 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331480000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/4/2012	<input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="New Perforations"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The subject well has been converted from a producing oil well to an injection well on 11/28/2012. New intervals perforated, C sands - 4680-4684 3 JSPF & D1 sands - 4521-4526 3 JSPF . On 12/03/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/04/2012 the casing was pressured up to 1590 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 600 psig during the test. There was an State representative available to witness the test - Chris Jensen.</p>		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 10, 2012		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/10/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Chris Jensen Date 12/4/12 Time 11:30 am pm
Test Conducted by: Rita Berg
Others Present: _____

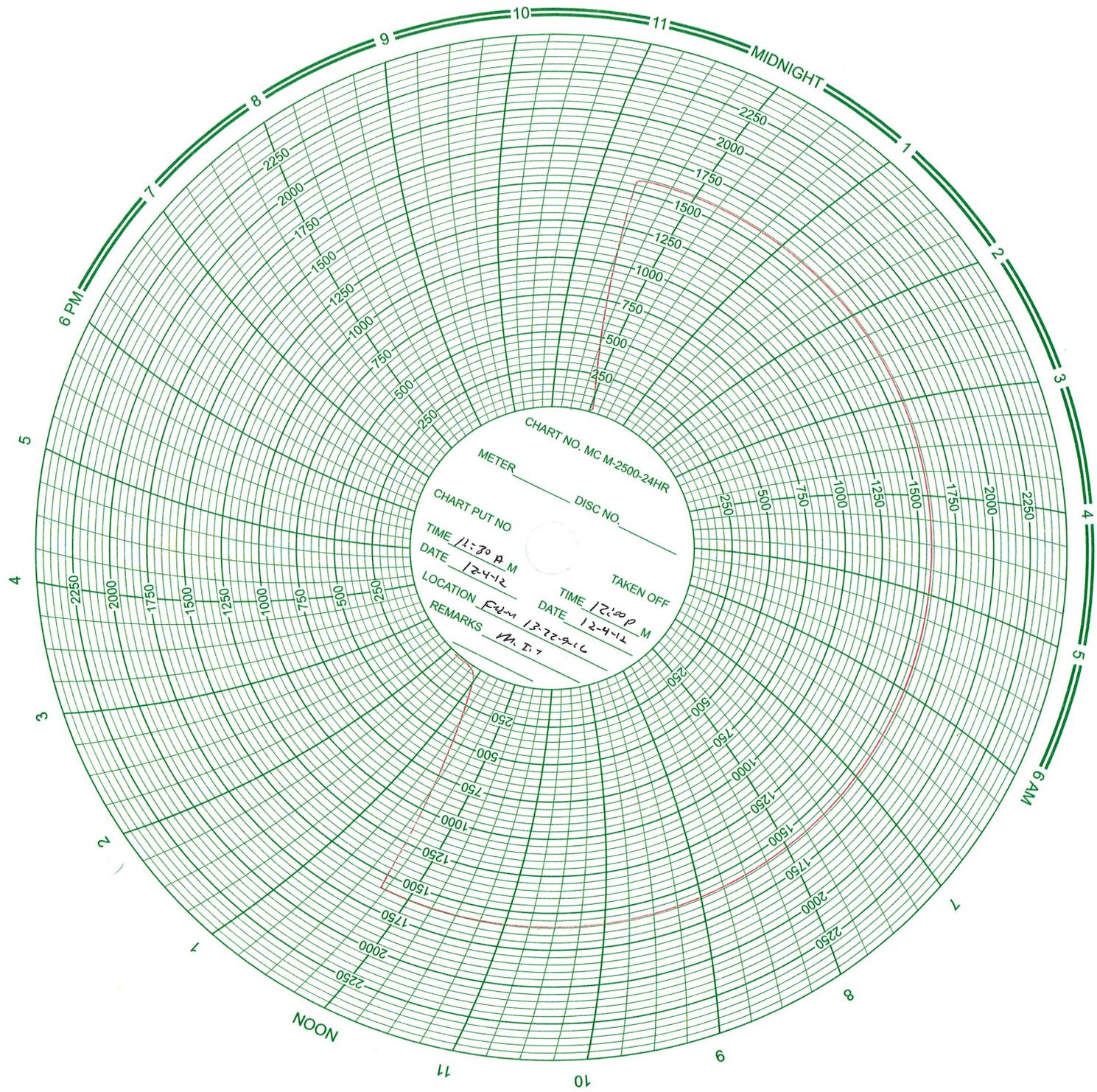
Well: Fedora 13-22-9-11 Field: Monument Butte
Well Location: Fedora 13-22-9-11 API No: 4301315791

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1590</u>	psig
5	<u>1590</u>	psig
10	<u>1590</u>	psig
15	<u>1590</u>	psig
20	<u>1590</u>	psig
25	<u>1590</u>	psig
30 min	<u>1590</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 606 psig

Result: Pass Fail

Signature of Witness: [Signature]
Signature of Person Conducting Test: [Signature]



Daily Activity Report**Format For Sundry****FEDERAL 13-22-9-16****9/1/2012 To 1/30/2013****11/19/2012 Day: 1****Conversion**

NC #1 on 11/19/2012 - MI NC#1,Wt On Benco To Pull Tst Anchors,Flush Tbg W/60 BW,No Tst HIT,POOH W/-Polish Rod, 3/4X2'-4'-6'-8' Ponys, 99-3/4 4 Per, 52- 3/4 Slick, SWI, C/SDFN. - 8:30AM Move In NC#1,Wt On Benco to Pull Test Guyline Anchors.12;30PM R/U NC#1.R/D Unit,BMW H/Oiler pmp 60 BW D/Tbg, No Test HIT. POOH L/D 1 1/2X26' Polish Rod,3/4X2'-4'-6'-8' Ponys, 99- 3/4 4 Per, 52- 3/4 Slick, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 8:30AM Move In NC#1,Wt On Benco to Pull Test Guyline Anchors.12;30PM R/U NC#1.R/D Unit,BMW H/Oiler pmp 60 BW D/Tbg, No Test HIT. POOH L/D 1 1/2X26' Polish Rod,3/4X2'-4'-6'-8' Ponys, 99- 3/4 4 Per, 52- 3/4 Slick, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl.

Daily Cost: \$0**Cumulative Cost:** \$7,423**11/20/2012 Day: 2****Conversion**

NC #1 on 11/20/2012 - pooh l/d remndr of rod prod,n/u bop,pooh w/-tbg prod,l/d remndr of tbg prod & BHA,Rih w/-bit bit sub 80 jts tbg EOB @ 2526',swi,c/sdfn. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler FlushTbg W/- 30 BW, POOH L/D 48- 3/4 Slick, 20- 3/4 4 Per, 1-1"X4' Stblzr,6- 1 1/2 Wt Bars & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil.Found Barrel Split out on pmp. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-142 Jts Tbg In Derrick Breaking & Redoping Tool Jts, L/D 37 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N/C On Float. Flushed tbg W/-60 BW On TOOH Due To Oil. RIH W/-4 3/4 Bit, Bit Sub, 40 Jts Tbg, EOB @ 2526', SWI, 5:00AM C/SDFN, 5:00-5:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler FlushTbg W/- 30 BW, POOH L/D 48- 3/4 Slick, 20- 3/4 4 Per, 1-1"X4' Stblzr,6- 1 1/2 Wt Bars & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil.Found Barrel Split out on pmp. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-142 Jts Tbg In Derrick Breaking & Redoping Tool Jts, L/D 37 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N/C On Float. Flushed tbg W/-60 BW On TOOH Due To Oil. RIH W/-4 3/4 Bit, Bit Sub, 40 Jts Tbg, EOB @ 2526', SWI, 5:00AM C/SDFN, 5:00-5:30PM C/Trvl.

Daily Cost: \$0**Cumulative Cost:** \$15,337**11/21/2012 Day: 3****Conversion**

NC #1 on 11/21/2012 - h/o csg w/60 bw,pooh w/tbg & bit,perf zne C/sand zne D1,Rih w/-5 1/2 ts plg,hd pkr,n-80 tbg,set plg @ 4740',pooh w/-1 jt set pkr @ 4703',fill tbg,p/tst tools to 2,000 psi,good tst,rel pkr,pooh to EOP @ 4645',swi,c/sdfn. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 60 BW D/Csg, POOH W/-80 Jts Tbg, Bit Sub & Bit. R/U Extreme Wire line RIH Perf Zone C Sand @ 4680'-4684', Zone D1 @ 4521'-4526', R/D Wire Line Aftr Perf, P/U & RIH W/-5 1/2 TS Plg, Ret HD, 2 3/8X4' Tbg Sub, 5 1/2 HD Pkr, 150 Jts Tbg, Set Plg @ 4740', POOH W/-1 Jt Tbg Set Pkr @ 4703',R/U R/pmp Fill Tbg W/-2 BW, P/Test Tbg & Tools To 2,000 Psi, Good Test, POOH W/-2 Jts Tbg EOP @ 4645', SWI, 2;00PM C/SDFN, 2:00PM-2;30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 60 BW D/Csg, POOH W/-80 Jts Tbg, Bit Sub & Bit. R/U Extreme Wire line RIH Perf Zone C Sand @ 4680'-4684', Zone D1 @ 4521'-4526', R/D Wire Line Aftr Perf, P/U & RIH W/-5 1/2 TS Plg, Ret HD, 2 3/8X4' Tbg Sub, 5 1/2 HD Pkr, 150 Jts Tbg, Set Plg @ 4740', POOH W/-1 Jt Tbg Set Pkr @ 4703',R/U R/pmp Fill Tbg W/-2 BW, P/Test Tbg & Tools To 2,000 Psi, Good Test, POOH W/-2 Jts Tbg EOP @ 4645', SWI, 2;00PM C/SDFN, 2:00PM-2;30PM C/Trvl. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$24,310

11/26/2012 Day: 4**Conversion**

NC #1 on 11/26/2012 - owu,set pkr,frac zne c/sand,R/d BJ Afrtr frac,flowed 85 bw,c/w/c,rel pkr,Rih curc plg cln,rel plg,pooH reset plg @ 4554',pooH eop @ 4489',swi, c/sdfn. - MIRU Baker frac equip, Test lines to 7300 psi, Fill csg w/ 5 bbls, Fill tbg w/ 1.6 bbls, Break Down C-sand formation @ 3223 psi, w/3.7 bbls @ 2.2 bpm, Pump 65.3 bbls to get to rate & acid on formation, Pump 15 bbls to get X-link, Pumped 47.6 bbls 1-2# sand (ramped), Pumped 71.1 bbls 2-4# sand (ramped), Flushed w/ 27.6 bbls fresh water, Max psi 6103, Avg. psi 4855, Max rate 18.9 bpm, Avg. rate 10.5 bpm, ISIP 1635, F.G. .78, 11,774# sand pumped in formation, 225.8 total bbls pumped. - RU flow back equip, Open well on 20 choke @ 1635 psi, Flow back 85 bbls fluid. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Wt On BJ Frac Crew. Set Pkr @ 4641',R/U R/pmp Fill Csg W/-5 BW. R/U BJ To Frac Zone C/Sand, R/D BJ Afrtr Frac, OWU To Flow Back, Flowed 85 BW, R/U R/pmp, Rel Pkr, Curc Well Cln, RIH To Plg @ 4740', Curc Plg Cln, Rel Plg, POOH W/-6 Jts Tbg, Reset Plg @ 4554', POOH W/-2 Jts Tbg EOP @ 4489', SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Wt On BJ Frac Crew. Set Pkr @ 4641',R/U R/pmp Fill Csg W/-5 BW. R/U BJ To Frac Zone C/Sand, R/D BJ Afrtr Frac, OWU To Flow Back, Flowed 85 BW, R/U R/pmp, Rel Pkr, Curc Well Cln, RIH To Plg @ 4740', Curc Plg Cln, Rel Plg, POOH W/-6 Jts Tbg, Reset Plg @ 4554', POOH W/-2 Jts Tbg EOP @ 4489', SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - MIRU Baker frac equip, Test lines to 7300 psi, Fill csg w/ 5 bbls, Fill tbg w/ 1.6 bbls, Break Down C-sand formation @ 3223 psi, w/3.7 bbls @ 2.2 bpm, Pump 65.3 bbls to get to rate & acid on formation, Pump 15 bbls to get X-link, Pumped 47.6 bbls 1-2# sand (ramped), Pumped 71.1 bbls 2-4# sand (ramped), Flushed w/ 27.6 bbls fresh water, Max psi 6103, Avg. psi 4855, Max rate 18.9 bpm, Avg. rate 10.5 bpm, ISIP 1635, F.G. .78, 11,774# sand pumped in formation, 225.8 total bbls pumped. - RU flow back equip, Open well on 20 choke @ 1635 psi, Flow back 85 bbls fluid. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$32,274

11/27/2012 Day: 5**Conversion**

NC #1 on 11/27/2012 - owu,set pkr@4485',r/u BJ to frac zne D1,r/d BJ afrtr frac,owu flowd 92 bw,rel pkr,cwc,rih rel plg,cwc,pooH l/d n-80 frac strng,pkr& plg.rih w/injctn prod pkr bha,tbg prod,drop s/v,p/tst tbg to 3,000 psi, - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Set Pkr For Frac On D1 Perfs @ 4485', R/U R/pmp Fill Csg W/-1 BW, R/U BJ To Frac Zone D1. R/D BJ Afrtr Frac, OWU TO Flow Back, Flowed 92 BW, Rel pkr,CWC, RIH Rel Plg,CWC, POOH L/D 144 Jts N-80 Tbg On Float W/-Pkr & Plg. P/U & RIH W/-2 3/8 Re entry Guide,2 3/8 X/N Nipple, 2 3/8X4.15 Tbg Sub, 2 3/8X2 7/8 XO, 51/2" Arrow #1 Pkr, 4 3/4 OD On Off Tool, 2 7/8 S/N, 142 Jts 2 7/8 Tbg, R/U BMW H/Oiler pmp 20 BW Pad D/Tbg, Drop SV, Fill Tbg W/-18 BW, P/Test Tbg To 3000 Psi, SWI, 6:00 PM C/SDFN, 6:00PM-6:30PM C/Trvl. - MIRU Baker frac equip, Test lines to 7300 psi, Fill csg w/ 0 bbls, Fill tbg w/ 0 bbls, Break Down D-1-sand formation @ 5648 psi, w/3.2 bbls @ 4.2 bpm, Pump 10 bbls 15% HCL, Pump 55.3 bbls to get to rate & acid on formation, Pump 15 bbls to get X-link, Pumped 59.5 bbls 1-2# sand (ramped), Pumped 102.8 bbls 2-4# sand (ramped), Flushed w/ 26 bbls fresh water, Max psi 4900, Avg. psi 4610, Max rate 21.8 bpm, Avg. rate 21.8 bpm, ISIP 1710, F.G. .81, 13,743# sand pumped in formation, 269.3 total bbls pumped. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Set Pkr For Frac On D1 Perfs @ 4485', R/U R/pmp Fill Csg W/-1 BW, R/U BJ To Frac Zone D1. R/D BJ Afrtr Frac, OWU TO Flow Back, Flowed 92 BW, Rel pkr,CWC, RIH Rel Plg,CWC, POOH L/D 144 Jts N-80 Tbg On Float W/-Pkr & Plg. P/U & RIH W/-2 3/8 Re entry Guide,2 3/8 X/N Nipple, 2 3/8X4.15 Tbg Sub, 2 3/8X2 7/8 XO, 51/2" Arrow #1 Pkr, 4 3/4 OD On Off Tool, 2 7/8 S/N, 142 Jts 2 7/8 Tbg, R/U BMW H/Oiler pmp 20 BW Pad D/Tbg, Drop SV, Fill Tbg W/-18 BW, P/Test Tbg To 3000 Psi, SWI, 6:00 PM C/SDFN, 6:00PM-6:30PM C/Trvl. - MIRU Baker frac equip, Test lines

to 7300 psi, Fill csg w/ 0 bbls, Fill tbg w/ 0 bbls, Break Down D-1-sand formation @ 5648 psi, w/3.2 bbls @ 4.2 bpm, Pump 10 bbls 15% HCL, Pump 55.3 bbls to get to rate & acid on formation, Pump 15 bbls to get X-link, Pumped 59.5 bbls 1-2# sand (ramped), Pumped 102.8 bbls 2-4# sand (ramped), Flushed w/ 26 bbls fresh water, Max psi 4900, Avg. psi 4610, Max rate 21.8 bpm, Avg. rate 21.8 bpm, ISIP 1710, F.G. .81, 13,743# sand pumped in formation, 269.3 total bbls pumped.

Daily Cost: \$0

Cumulative Cost: \$100,238

11/28/2012 Day: 6

Conversion

NC #1 on 11/28/2012 - owu w/3080 psi,good tst,fish sv,n/d bop,n/u w/hd,pmp pkr flud,set pkr,p/tst csg & pkrto 1500 psi, good tst,r/d rig , ready for mit (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-3080 Psi On Tbg, Good Test.R/U S/Line Ovr Shot RIH & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 70 BW W/ 15 Gal Pkr Fluid D/Csg, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig, Move Rig To 31-25-8-17, 3:30PM C/SDFN,3:30PM -4:00PM C/Trvl, Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-3080 Psi On Tbg, Good Test.R/U S/Line Ovr Shot RIH & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 70 BW W/ 15 Gal Pkr Fluid D/Csg, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig, Move Rig To 31-25-8-17, 3:30PM C/SDFN,3:30PM -4:00PM C/Trvl, Ready For MIT (Final Rig Report). **Finalized**

Daily Cost: \$0

Cumulative Cost: \$117,923

12/5/2012 Day: 7

Conversion

Rigless on 12/5/2012 - Conduct initial MIT - On 12/03/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/04/2012 the casing was pressured up to 1590 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 600 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 12/03/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/04/2012 the casing was pressured up to 1590 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 600 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$203,057

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 13-22-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013331480000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0906 FSL 0702 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 22 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/7/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 12:00 PM on
05/07/2013.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
May 07, 2013**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/7/2013	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-74392

6. If Indian, Allottee or Tribe Name
N/A

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

8. Lease Name and Well No.
Federal 13-22-9-16

9. API Well No.
43013-33148

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SW/SW Sec. 22, T9S R16E

12. County or Parish
Duchesne

13. State
UT

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 SW/SW 906' FSL 702' FWL 575817X 40.011364
At proposed prod. zone 4429209Y -110.111679

14. Distance in miles and direction from nearest town or post office*
Approximatley 24.5 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1734' f/lse, NA f/unit

16. No. of Acres in lease
2080.00

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. 1715'

19. Proposed Depth
5980'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5994' GL

22. Approximate date work will start*
3rd Quarter 2006

23. Estimated duration
Approximately seven (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, shall 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 shall 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 authorized officer.

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 4/18/06

Title Regulatory Specialist

Approved by (Signature) *Bradley Hill* Name (Printed/Typed) BRADLEY G. HILL Date 06-08-06

Title ENVIRONMENTAL MANAGER

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

Federal Approval of this
Action Is Necessary

APR 19 2006



June 2, 2006

Utah Division of Oil, Gas & Mining
P.O. Box 145801
Attn: Diana Whitney
Salt Lake City, Utah 84114-5801

Re: Exception Location: Federal 13-22-9-16
906' FSL, 702' FWL SWSW Sec 22-T9S-16E
Duschene Cty., Utah; Lease UTU-74392

Dear Ms. Whitney:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company, Inc. hereby requests an exception location for the drilling of the captioned well. Rule R649-3-2 requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The above referenced location is an exception location under Rule 649-3-2, being 44' north of the drilling window tolerance for the SWWW of Sec 22-T9S-R16E. The attached plat depicts the proposed drillsite location and illustrates the deviation from the drilling window, in accordance with Rule R649-3-2. The requested location has been selected due to the extreme terrain.

Please note the location is completely within Federal lease UTU-74392. The drillsite lease and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed location are owned by Newfield Production Company, Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation. We have contacted these owners and their consent to this location is attached.

If you have any questions or need additional information please contact me at (303)-382-4448. Thank you for your assistance in this matter.

Sincerely,
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Laurie Deseau". The signature is written in black ink and is positioned above the printed name and title.

Laurie Deseau
Properties Administrator

RECEIVED

JUN 08 2006

DIV. OF OIL, GAS & MINING

Exception Location
Federal 13-22-9-16; UTU-74392

Please be advised that Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation do not have an objection to the proposed location of the aforementioned well.

By: 

Date: May 18, 2006

Ernest L. Carroll, Senior Landman
Print Name and Title

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

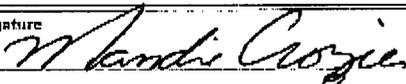
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74392
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 13-22-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/SW 906' FSL 702' FWL At proposed prod. zone		9. API Well No.
14. Distance in miles and direction from nearest town or post office* Approximatley 24.5 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1734' (lse, NA (unit)		11. Sec., T., R., M., or Bk. and Survey or Area SW/SW Sec. 22, T9S R16E
16. No. of Acres in lease 2080.00		12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres		13. State UT
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease. ft. Approx. 1715'		20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5994' GL		22. Approximate date work will start* 3rd Quarter 2006
		23. Estimated duration Approximately seven (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, shall be attached to this form:

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/18/06
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

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

*(Instructions on reverse)

RECEIVED
JUN 08 2006
DIV. OF OIL, GAS & MINING

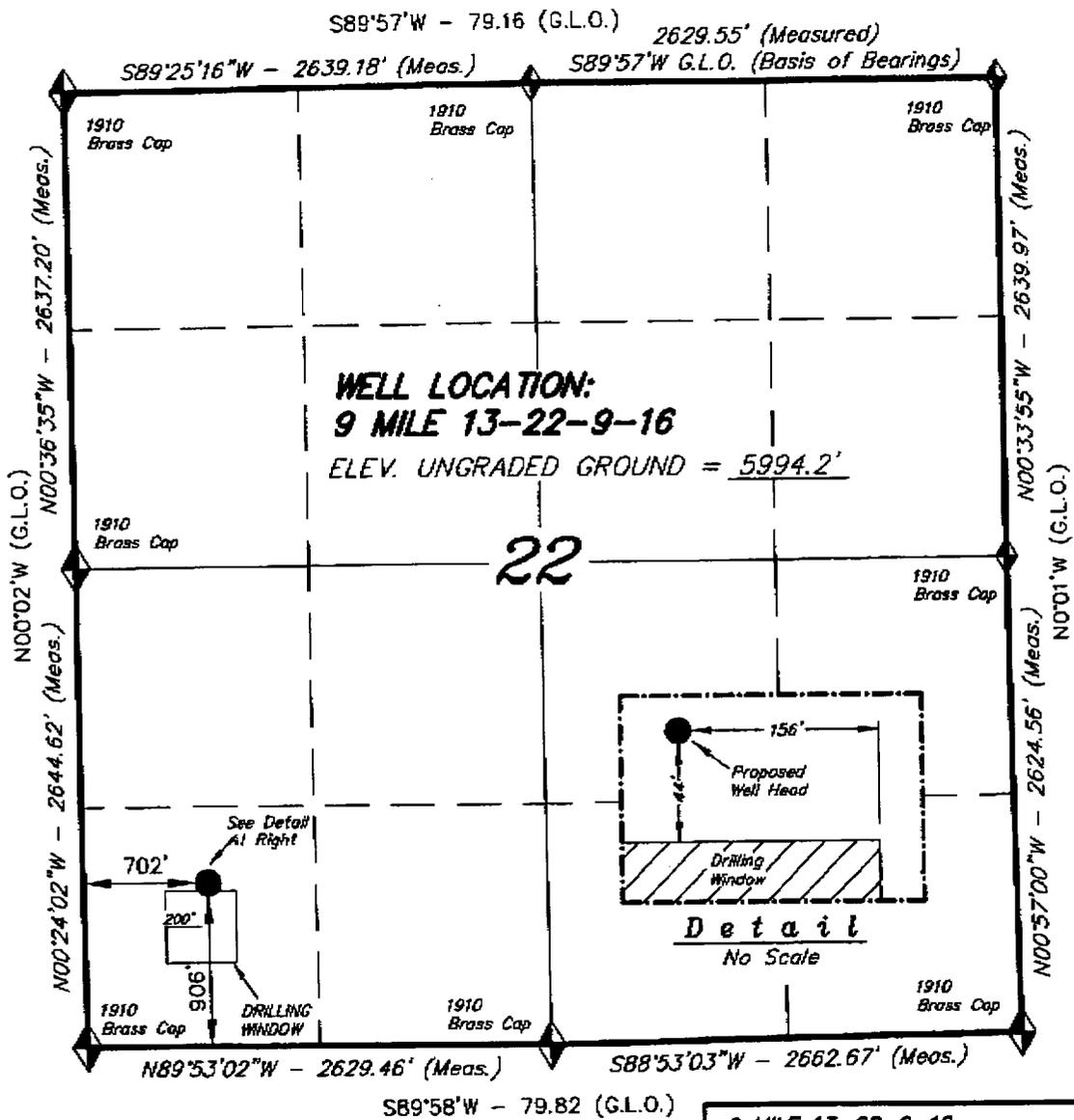
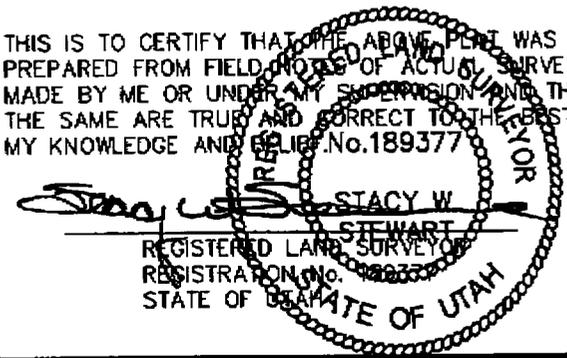
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 13-22-9-16,
 LOCATED AS SHOWN IN THE SW 1/4 SW
 1/4 OF SECTION 22, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377

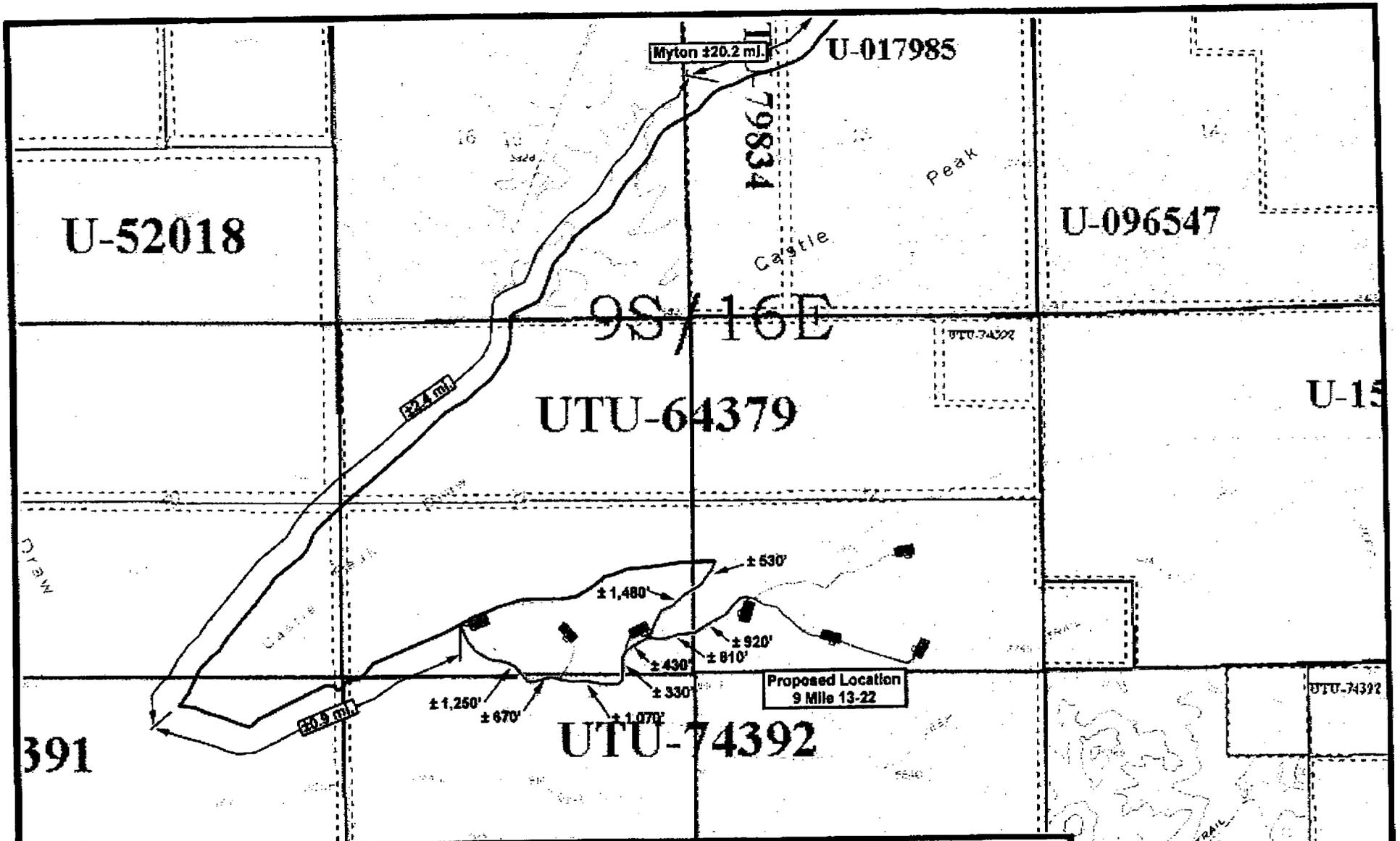


◆ = SECTION CORNERS LOCATED

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

9 MILE 13-22-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 00' 41.70"
 LONGITUDE = 110° 06' 44.32"

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 03-31-06	SURVEYED BY: C.M.
DATE DRAWN: 4-3-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



NEWFIELD
 Exploration Company

9 Mile 13-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.

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

SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 04-04-2006

Legend

Existing Road
 Proposed Access

TOPOGRAPHIC MAP
"B"



April 18, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 11A-22-9-16, 13-22-9-16 and
14-22-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 13-22-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
APR 19 2006

DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY
FEDERAL #13-22-9-16
SW/SW SECTION 22, T9S, 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' – 2300'
Green River	2300'
Wasatch	5980'

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

Green River Formation 2300' – 5980' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
FEDERAL #13-22-9-16
SW/SW SECTION 22, T9S, 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 #13-22-9-16 located in the SW 1/4 SW 1/4 Section 22, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 10.1 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly and then northeasterly - 0.9 miles \pm to it's junction with the beginning of the proposed access road to the southeast; proceed southeasterly and then northeasterly - 3750' \pm to it's junction with a proposed road to the northeast; proceed northeasterly along the proposed access road - 1730' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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 #05-240, 7/25/05. Paleontological Resource Survey prepared by. Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #13-22-9-16 Newfield Production Company requests 5480' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. 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 5480' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 5480' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None.

Reserve Pit Liner

A 12 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)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Federal #13-22-9-16 was on-sited on 3/17/06. The following were present: Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 30% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
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 #13-22-9-16 SW/SW Section 22, Township 9S, Range 16E: Lease UTU-74392 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 Hartford Accident #4488944.

I hereby certify that the proposed drillsite 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.

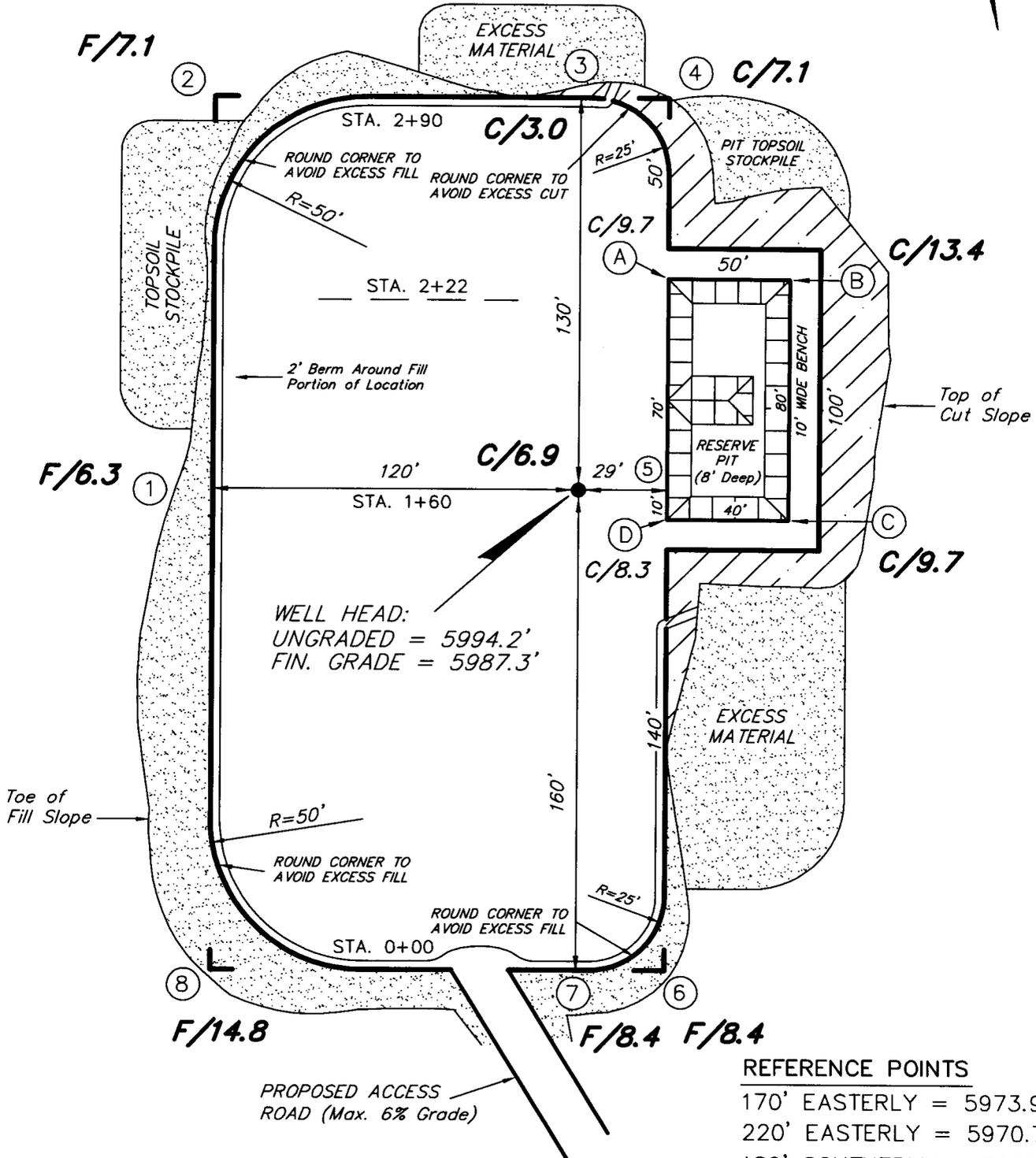
_____ 4/18/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 13-22-9-16

Section 22, T9S, R16E, S.L.B.&M.



WELL HEAD:
UNGRADED = 5994.2'
FIN. GRADE = 5987.3'

REFERENCE POINTS

- 170' EASTERLY = 5973.9'
- 220' EASTERLY = 5970.7'
- 180' SOUTHERLY = 5987.4'
- 230' SOUTHERLY = 5988.8'

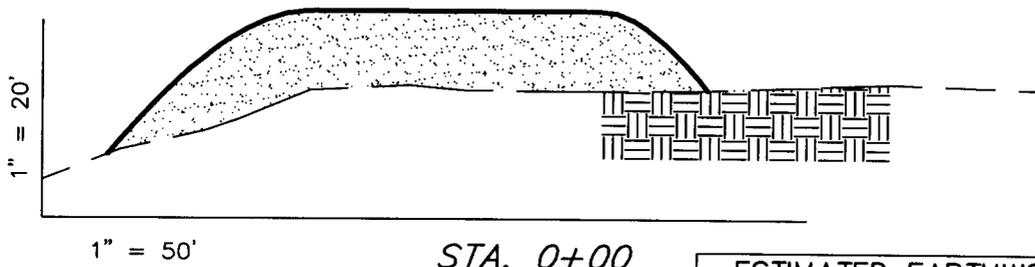
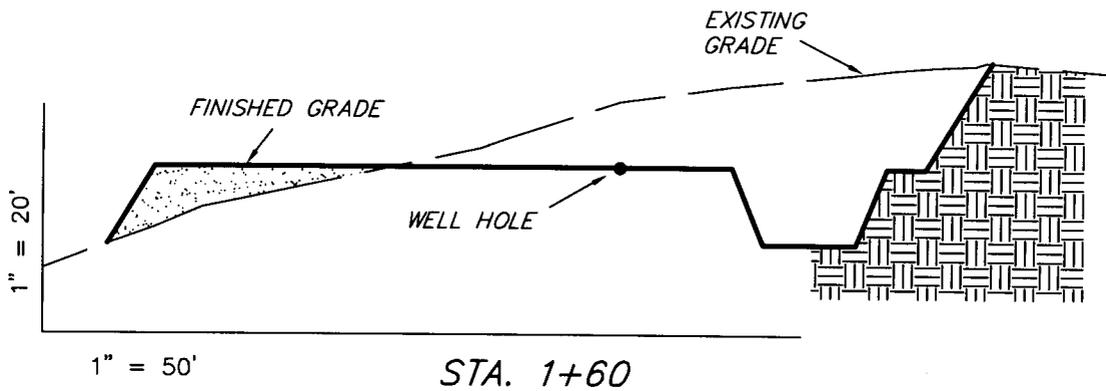
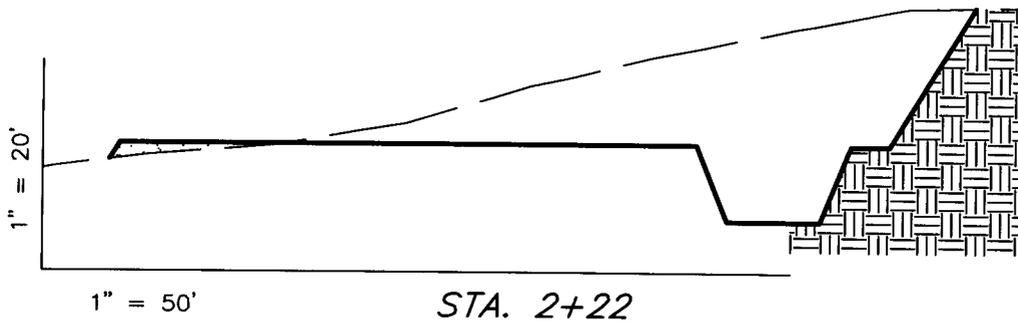
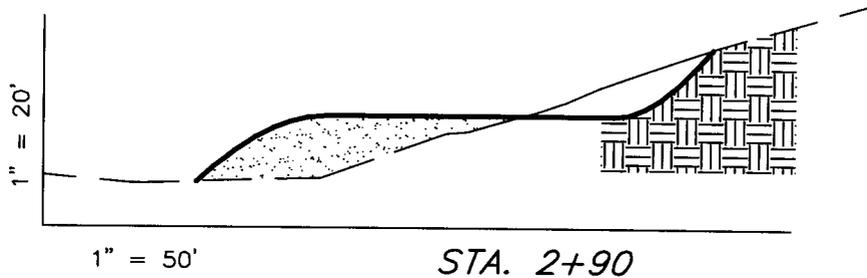
SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 4-3-06

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 13-22-9-16



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	5,290	5,290	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	5,930	5,290	1,090	640

SURVEYED BY: C.M.

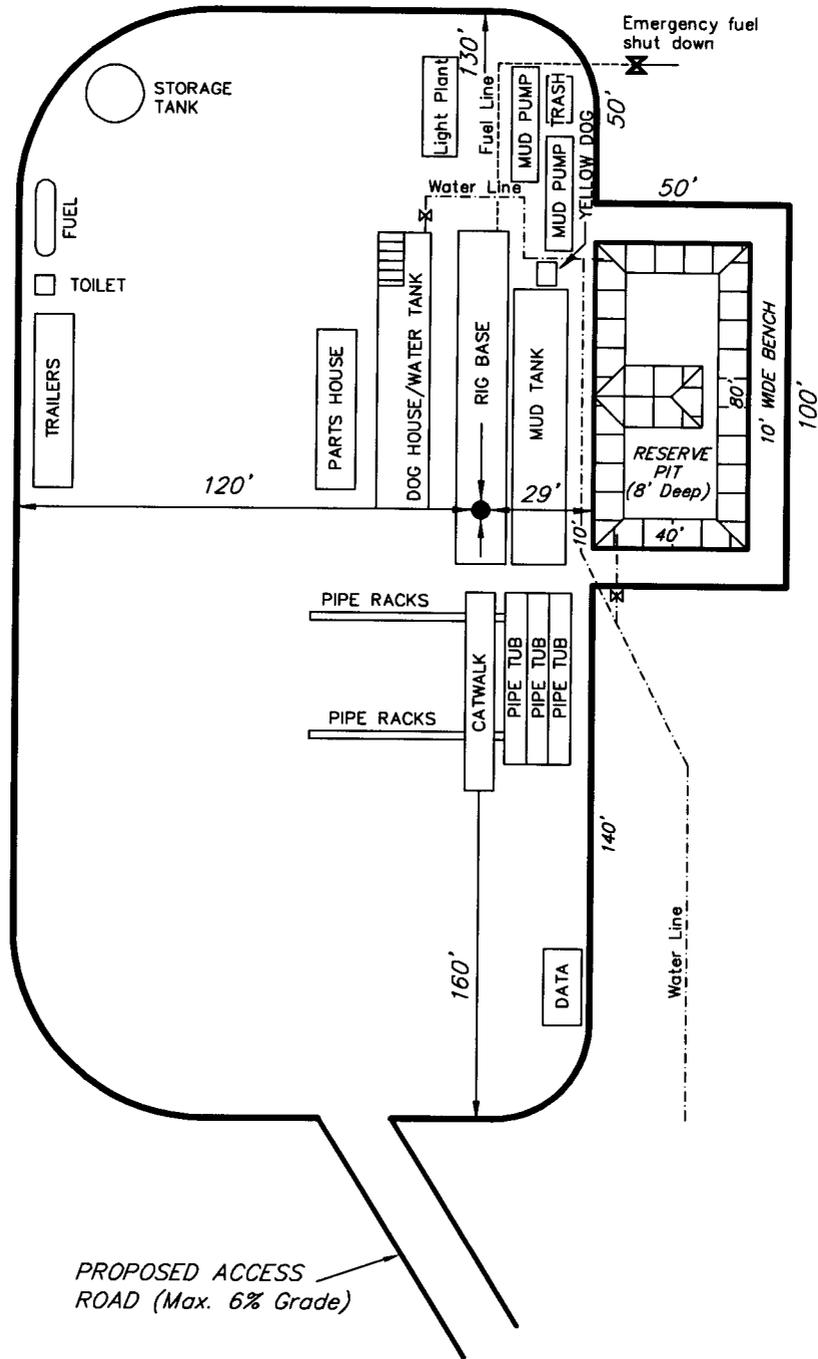
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DRAWN BY: M.W.

DATE: 4-3-06

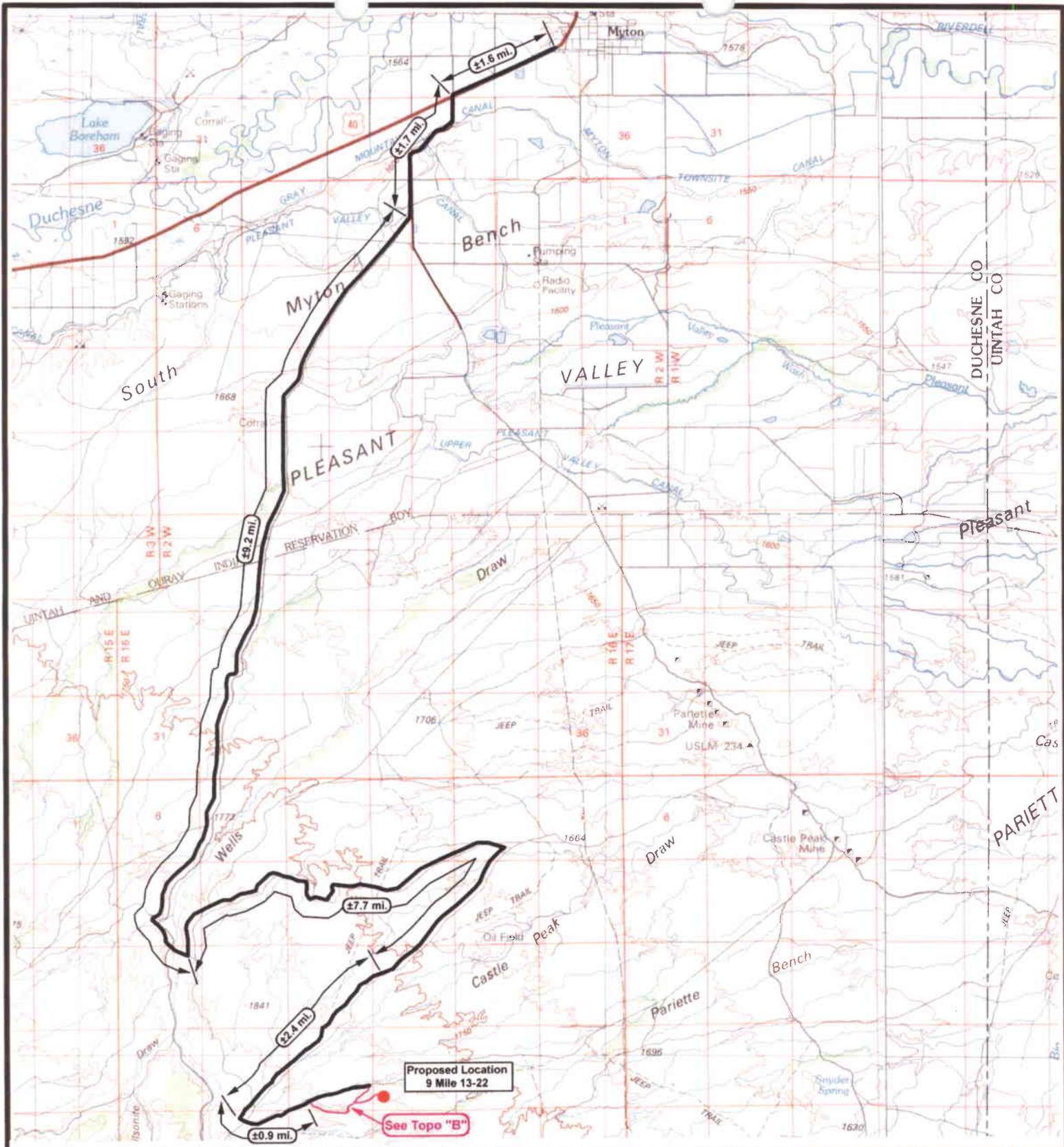
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 13-22-9-16



SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 4-3-06

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



NEWFIELD
Exploration Company

9 Mile 13-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.



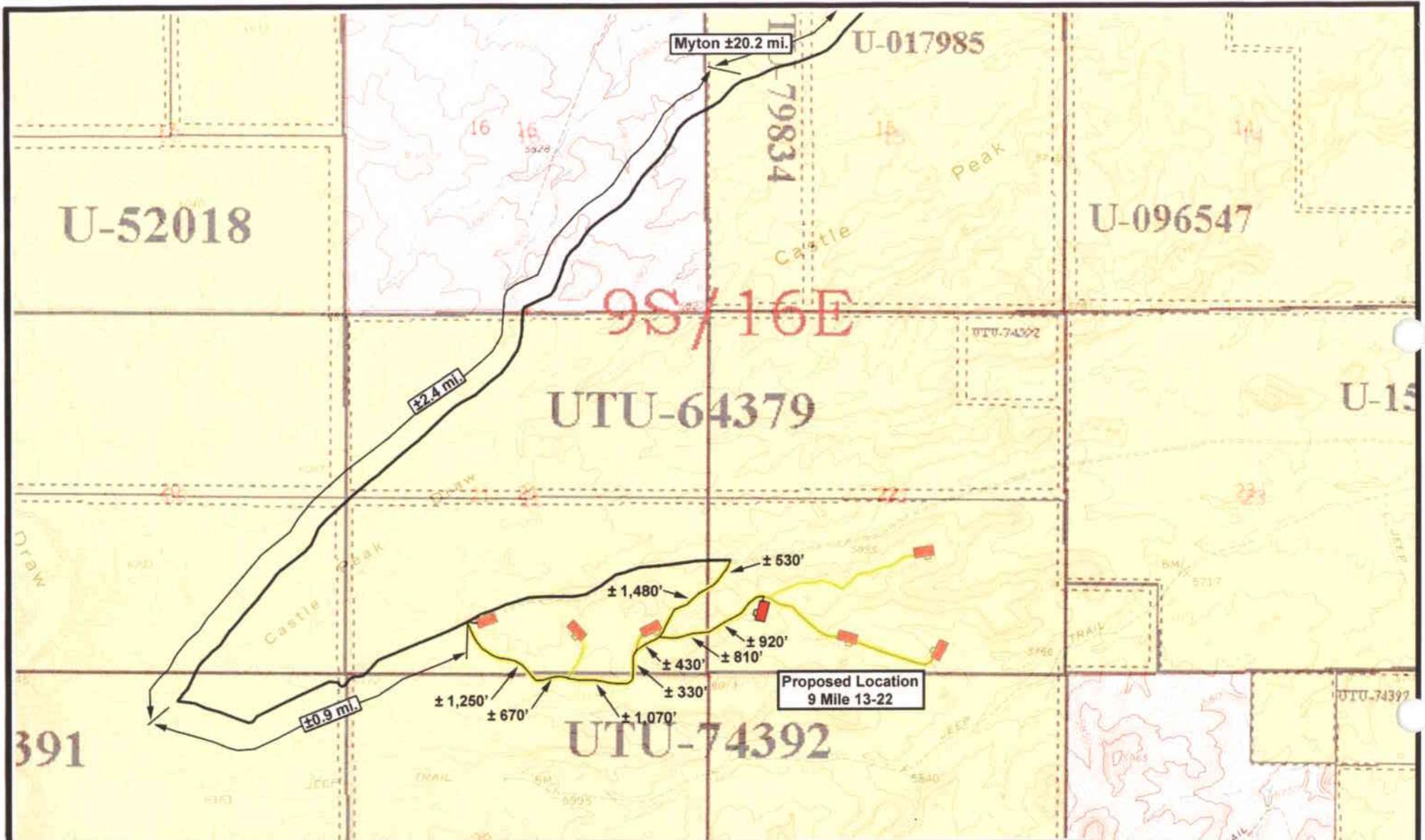
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 04-04-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 13-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.

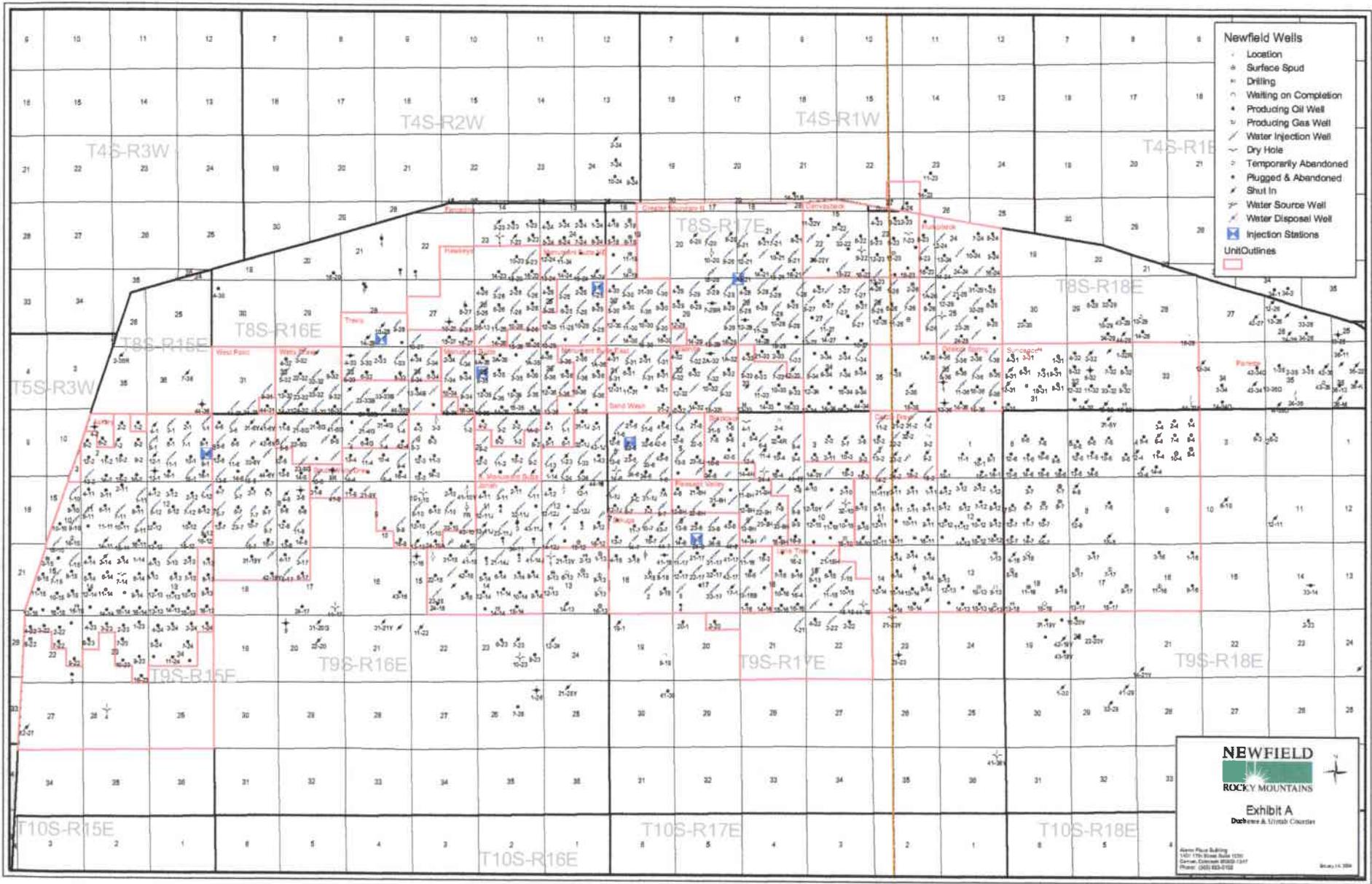
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

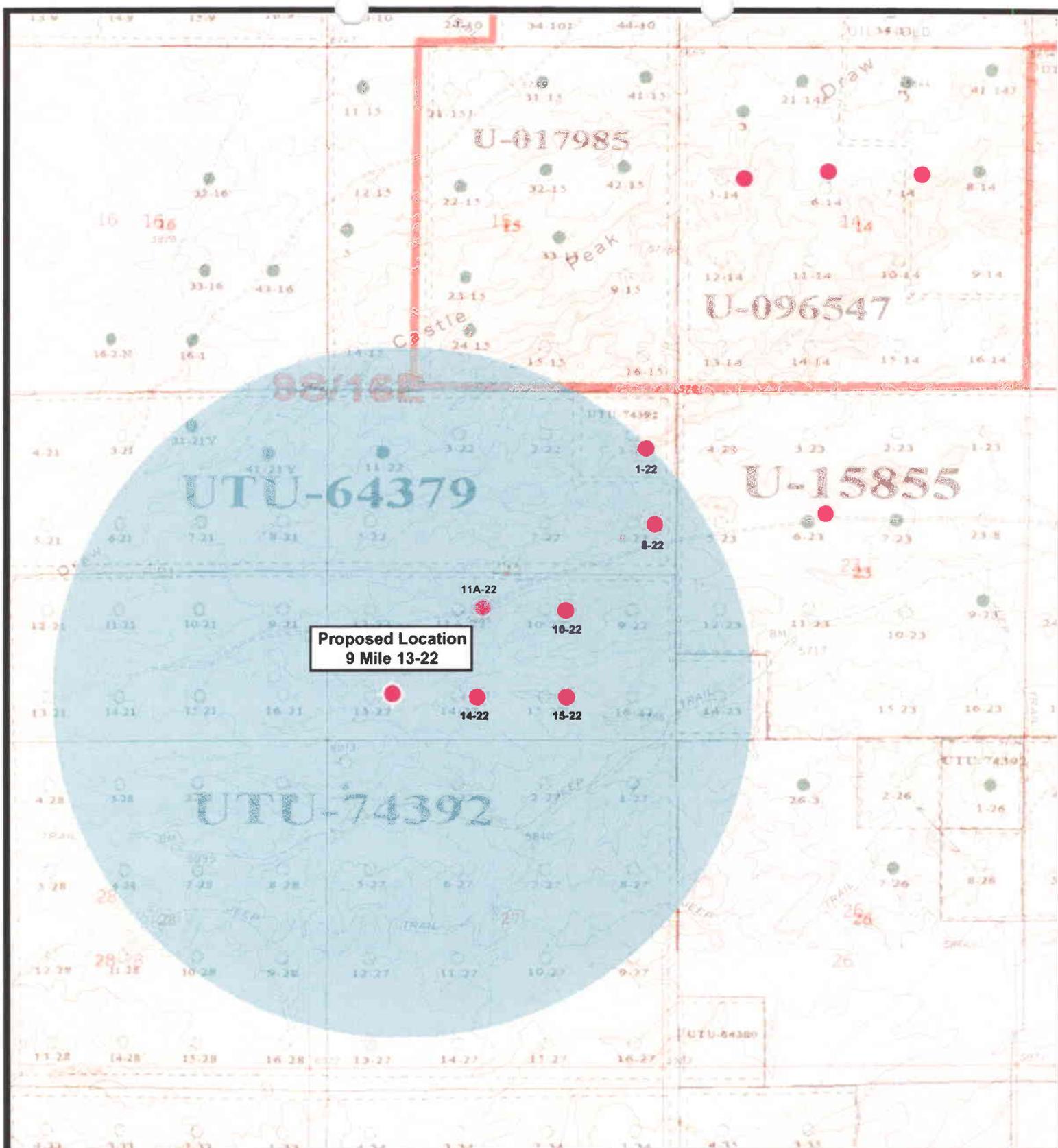
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 04-04-2006

Legend

Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"





**Proposed Location
9 Mile 13-22**



NEWFIELD
Exploration Company

**9 Mile 13-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.**




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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 04-04-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

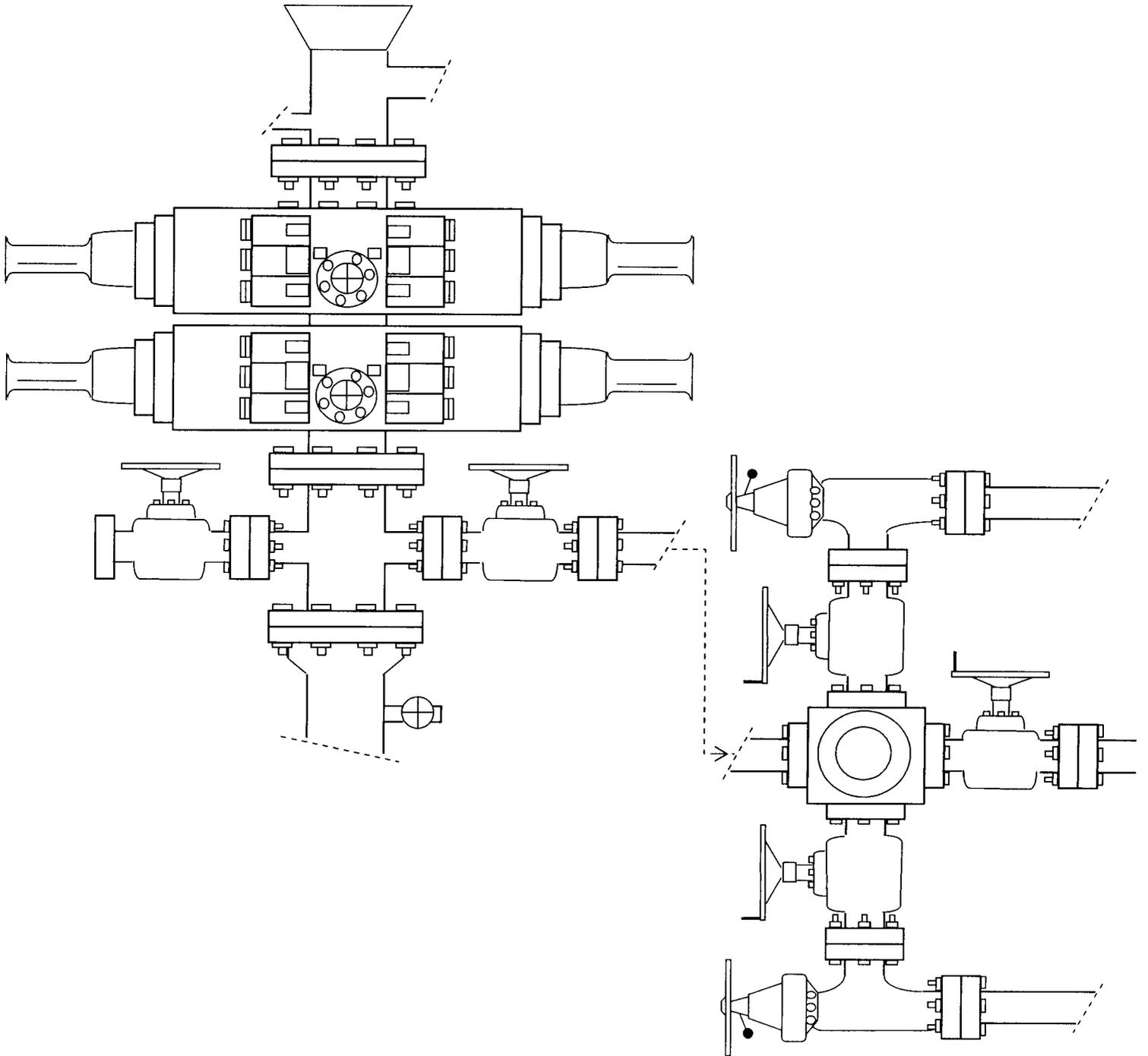


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 21 and 22,
DUCHESNE COUNTY, UTAH

By:

Katie Simon

Prepared For:

Bureau fo 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 147
Moab, Utah 84532

MOAC Report No. 05-240

July 25, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0709b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22 (excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through 16-9-9-16]; Entire Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4) [1 through 5, 8,11 through 16-9-9-16]; Entire Section 24 (excluding SW 1/4, NW 1/4) [1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
September 28, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/19/2006

API NO. ASSIGNED: 43-013-33148

WELL NAME: FEDERAL 13-22-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SWSW 22 090S 160E

SURFACE: 0906 FSL 0702 FWL

BOTTOM: 0906 FSL 0702 FWL

COUNTY: DUCHESNE

LATITUDE: 40.01156 LONGITUDE: -110.1117

UTM SURF EASTINGS: 575817 NORTHINGS: 4429209

FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74392

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
- N Potash (Y/N)
- N Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- N RDCC Review (Y/N)
(Date: _____)
- NA Fee Surf Agreement (Y/N)
- NA Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS:

(See Separate File)

STIPULATIONS:

- 1- *End of Approval*
- 2- *Spacing Strip*

JONAH UNIT

MONUMENT FED 14-15

FEDERAL 13-15-9-16

CASTLE PK
FED 24-15

JONAH FED
15-15-9-16

CASTLE PEAK
FED 44-15
JONAH FED
16-15-9-16

JONAH FED
13-14-9-16

T9S R16E

FEDERAL 3-22-9-16
MON FED 21-22-9-16Y

FEDERAL
2-22-9-16

FEDERAL
1-22-9-16

FEDERAL
4-21-9-16

MON FED
11-22-9-16Y

FEDERAL
8-21-9-16

FEDERAL
5-22-9-16

FEDERAL
7-22-9-16

FEDERAL
8-22-9-16

FEDERAL
5-23-9-16

FEDERAL
6-22-9-16

22

FEDERAL
9-21-9-16

FEDERAL
11A-22-9-16

MONUMENT BUTTE FIELD

FEDERAL
13-22-9-16

FEDERAL
14-22-9-16

CASTLE
PEAK U 6

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 22 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

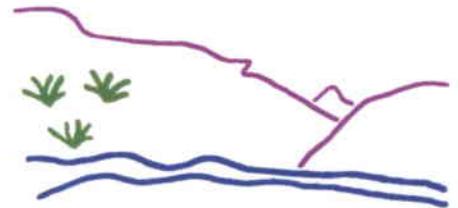
SPACING: R649-3-3 / EXCEPTION LOCATION

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- Unit Status**
- EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PENDING
 - PI OIL
 - PP GAS
 - PP GEOTHERML
 - PP OIL
 - SECONDARY
 - TERMINATED

Wells Status

- ✖ GAS INJECTION
- ✖ GAS STORAGE
- ✖ LOCATION ABANDONED
- ⊙ NEW LOCATION
- ⊙ PLUGGED & ABANDONED
- ⊙ PRODUCING GAS
- ⊙ PRODUCING OIL
- ⊙ SHUT-IN GAS
- ⊙ SHUT-IN OIL
- ⊙ TEMP. ABANDONED
- ⊙ TEST WELL
- ⊙ WATER INJECTION
- ⊙ WATER SUPPLY
- ⊙ WATER DISPOSAL
- ⊙ DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 24-APRIL-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

June 8, 2006

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

Re: Federal 13-22-9-16 Well, 906' FSL, 702' FWL, SW SW, Sec. 22, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

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

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33148.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company

Well Name & Number Federal 13-22-9-16

API Number: 43-013-33148

Lease: UTU-74392

Location: SW SW Sec. 22 T. 9 South R. 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

RECEIVED

APR 19 2006

Form 3160-3
(September 2001)

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
BLM VERNAL, UTAH

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74392
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 13-22-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/SW 906' FSL 702' FWL At proposed prod. zone		9. API Well No. 43-013-33148
14. Distance in miles and direction from nearest town or post office* Approximately 24.5 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1734' flse, NA fl/unit	16. No. of Acres in lease 2080.00	11. Sec., T., R., M., or Blk. and Survey or Area SW/SW Sec. 22, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1715'	19. Proposed Depth 5980'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5994' GL	22. Approximate date work will start* 3rd Quarter 2006	13. State UT
23. Estimated duration Approximately seven (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, shall be attached to this form:

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 4/18/06
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kenccka</i>	Name (Printed/Typed) JERRY KENCCKA	Date 2-7-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the 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.

*(Instructions on reverse)

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DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

UDOGM

No NOS

07BM4741A



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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company Location: SWSW, Sec 22, T9S, R16E
Well No: Federal 13-22-9-16 Lease No: UTU-74392
API No: 43-013-33148 Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
After Hours Contact Number:	435-781-4513	Fax: 435-781-4410	

**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 one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- Location Construction (Notify Chuck Macdonald) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify Chuck Macdonald) - 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 Jamie Sparger) - Twenty-Four (24) hours prior to running casing and cementing all casing strings.
- BOP & Related Equipment Tests (Notify Jamie Sparger) - Twenty-Four (24) hours prior to initiating pressure tests.
- First Production Notice (Notify Petroleum Engineer) - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.



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

LEASE STIPULATIONS

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lease Notices from RMP: Lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Comments: None of the suspected species (or their burrows or nests) was identified on or near the location.
- Notice to Lessee- Oil and Gas Lease Qualifications:
This lease is the under the provisions of the Mineral Leasing Act (MLA) of 1920, as amended by the Federal Coal Leasing Amendments Act of 1976, affect an entity's qualifications to obtain an oil and gas lease.

GENERAL CONDITIONS OF APPROVAL

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.

- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:
 - Crested wheatgrass (*Agropyron cristatum*): 4 lbs/acre
 - Needle and Threadgrass (*Hesperostipa comata*): 4 lbs/acre
 - Indian Ricegrass (*Achnatherum hymenoides*): 4 lbs/acre
 - All pounds are in pure live seed.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method,

the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. Production casing cement shall be brought up and into the surface.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. 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. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. 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.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, 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.
8. 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.
9. 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.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. 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 pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

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.

10. 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.

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_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. 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.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The 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.
13. 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.
14. This APD is approved subject to the requirement that, 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:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. 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).
 - f. 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.

- g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
 16. 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
 17. 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.
 18. 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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 13-22-9-16

Api No: 43-013-33148 Lease Type: FEDERAL

Section 22 Township 09S Range 16E County UINTAH

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 05/09/07

Time 8:30 AM

How DRY

Drilling will Commence: _____

Reported by JOHNNY DAVIS

Telephone # (435) 823-3610

Date 05/09/07 Signed CHD

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

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
 ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84082

OPERATOR ACCT. NO. **N2895**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG			COUNTY
B	99999	12187	4301333264	Hawkeye FEDERAL I-26-8-16	SENE	26	8S	16E	DUCHESNE	5/11/2007	5/30/07
WELL 1 COMMENTS: B HL = C NE/4 GRUV											
A	99999	16132	4301333100	FEDERAL 6-19-9-16	SENW	19	9S	16E	DUCHESNE	5/13/2007	5/30/07
GRUV											
A	99999	16133	4301333148	FEDERAL 13-22-9-16	SWSW	22	9S	16E	DUCHESNE	5/13/2007	5/30/07
GRUV											
A	99999	16134	4301333165	FEDERAL 16-21-9-16	SESE	21	9S	16E	DUCHESNE	5/13/2007	5/30/07
GRUV											
A	99999	16135	4301333110	FEDERAL 10-21-9-16	NWSE	21	9S	16E	DUCHESNE	5/13/2007	5/30/07
WELL 4 COMMENTS: GRUV											
A	99999	16136	4301333149	FEDERAL 11A-22-9-16	NESE	22	9S	16E	DUCHESNE	5/16/2007	5/30/07
WELL 5 COMMENTS:											

ACTION CODES (See Instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

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

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 MAY 16 2007

DIV. OF OIL, GAS & MINING

Signature Jenri Park
 Production Clerk _____
 Date April 18, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

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

906 FSL 702 FWL

SWSW Section 22 T9S R10E

5. Lease Serial No.

USA UTU-74392

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

FEDERAL 13-22-9-16

9. API Well No.

4301333148

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

COCHISE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

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

Formation water is produced 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.

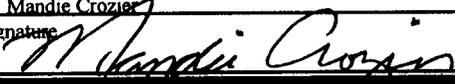
Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R10E) or at State of Utah approved surface disposal facilities.

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

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

Mandie Crozier

Signature



Title

Regulatory Specialist

Date

06/25/2007

Approved by

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.

Title

Date

Office

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

(Instructions on reverse)

RECEIVED

JUL 03 2007

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-74392

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
FEDERAL 13-22-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333148

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 906 FSL 702 FWL

COUNTY: DUCHESNE

OTR/OTR SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 22, T9S, R16E

STATE: UT

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

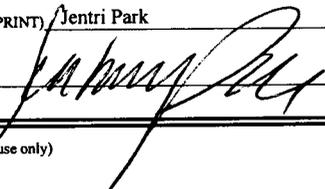
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <hr/>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/10/2007	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 06/25/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 07/10/2007

(This space for State use only)

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DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 13-22-9-16

4/1/2007 To 8/30/2007

6/19/2007 Day: 1

Completion

Rigless on 6/18/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5802' & cement top @ 60'. Perforate stage #1. CP5 sds @ 5662-5672' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 139 BWTR. SIFN.

6/21/2007 Day: 2

Completion

Rigless on 6/20/2007 - RU BJ Services. 62 psi on well. Frac CP5 sds w/ 41,156#'s of 20/40 sand in 409 bbls of Lightning 17 fluid. Broke @ 3577 psi. Treated w/ ave pressure of 1991 psi @ ave rate of 21.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2175 psi. Leave pressure on well. 548 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' & 6' perf gun. Set plug @ 5390'. Perforate LODC sds @ 5274- 86', 5258- 64' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 72 shots. RU BJ Services. 1736 psi on well. Frac LODC sds w/ 79,611#'s of 20/40 sand in 602 bbls of Lightning 17 fluid. Broke @ 3527 psi. Treated w/ ave pressure of 2528 psi @ ave rate of 21.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2750 psi. Leave pressure on well. 1150 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 8' & 8' perf gun. Set plug @ 5200'. Perforate LODC sds @ 5128- 36', 5107- 15' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 64 shots. RU BJ Services. 1176 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bail acid. Frac LODC sds w/ 55,106#'s of 20/40 sand in 451 bbls of Lightning 17 fluid. Broke @ 3388 psi. Treated w/ ave pressure of 2838 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 3235 psi. Leave pressure on well. 1601 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 14' perf gun. Set plug @ 5020'. Perforate A1 sds @ 4928- 42' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. RU BJ Services. 984 psi on well. Frac A1 sds w/ 59,043#'s of 20/40 sand in 475 bbls of Lightning 17 fluid. Broke @ 3524 psi. Treated w/ ave pressure of 1937 psi @ ave rate of 24.7 BPM. ISIP 2260 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 2 hrs & died. Rec. 120 BTF. SIWFN w/ 1956 BWTR.

6/22/2007 Day: 3

Completion

NC #1 on 6/21/2007 - 6:30AM MIRU NC#1, N/D 10,000 BOP & Frac Flnge, N/U 3,000 Flnge & 5,000 BOP, P/U & RIH W/-4 3/4 Bit, Bit Sub 155 Jts Tbg To Fill @ 4878', R/U Nabors Pwr Swvl & C/Out To Plg @ 5020', Drill Up Plg, Swvl I/Hle To Fill @ 5105', C/Out To Plg @ 5200', Drill Up Plg, Swvl I/Hle To Fill @ 5380', C/Out To Plg @ 5390', Drill Up Plg, SWI, EOB @ 5419', 6:30PM C/SDFN. Well Gained 193 Bbls Wtr Drilling Plgs.

6/25/2007 Day: 4

Completion

NC #1 on 6/24/2007 - 6:30AM OWU, RIH W/-Tbg To Fill @ 5721', C/Out To PBTD @ 5844', Curc Well Clean 1 Hr, POOH W/-5 Jts Tbg, EOB @ 5702', R/U Swab, RIH IFL @ Surf, Made 13 Swab Runs, Recvred 152 Bbls Wtr, Lite Trce Oil, Lite Trce Sand FFL @ 2200', RIH W/-Tbg To Fill @ 5840', C/Out To PBTD @ 5844', Curc Well Clean, POOH W/-186 Jts Tbg, Bit Sub & Bit. P/U & RIH W/- Tbg Production String Shown Below. N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD. SWI, 6:00PM C/SDFN.

6/26/2007 Day: 5

Completion

NC #1 on 6/25/2007 - 6:30AM OWU, R/U R/pmp & Flsh Tbg W/-60 Bbls Wtr, P/U Stroke & RIH W/-CDI-2 1/2x1 1/2x12x15' RHAC & Rod Detail Shown Below, R/U Unit, Hole Standing Full, Stroke Unit & Tbg To 800 Psi, Good Test. Rack Out Eq, R/D Rig. POP @ 12:00PM , 86" SL, 5 SPM, (Final Report).

Pertinent Files: Go to File List

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK
 OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL
 NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

2. NAME OF OPERATOR
Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.
1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
 At Surface 906' FSL & 702' FWL (SW/SW) Sec. 22, T9S, R16E
 At top prod. Interval reported below

14. API NO. 43-013-33148 **DATE ISSUED** 06/08/06
12. COUNTY OR PARISH Duchesne **13. STATE** UT

15. DATE SPUNDED 05/09/07 **16. DATE T.D. REACHED** 06/01/07 **17. DATE COMPL.** (Ready to prod.) 06/25/07
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5994' GL **19. ELEV. CASINGHEAD** 6006' KB

20. TOTAL DEPTH, MD & TVD 5900' **21. PLUG BACK T.D., MD & TVD** 5844'
22. IF MULTIPLE COMPL., HOW MANY* _____ **23. INTERVALS DRILLED BY** -----> **ROTARY TOOLS** X **CABLE TOOLS** _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
 Green River 4928'-5672'

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
 Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	314'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5892'	7-7/8"	325 sx Premlite II and 425 sx 50/50 Poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5742'	TA @ 5642'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
(CP5) 5662'-5672'	.49"	4/40	5662'-5672'	Frac w/ 41,156# 20/40 sand in 409 bbls fluid	
(LODC) 5274'-5286', 5258'-5264'	.49"	4/72	5258'-5286'	Frac w/ 79,611# 20/40 sand in 602 bbls fluid	
(LODC) 5128'-5136', 5107'-5115'	.49"	4/64	5107'-5136'	Frac w/ 55,106# 20/40 sand in 451 bbls fluid	
(A1) 4928'-4942'	.49"	4/56	4928'-4942'	Frac w/ 59,043# 20/40 sand in 475 bbls fluid	

33.* PRODUCTION

DATE FIRST PRODUCTION 06/25/07 **PRODUCTION METHOD** (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 12' x 15' RHAC SM Plunger Pump **WELL STATUS** (Producing or shut-in) PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			---->	41	16	32	390

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		---->				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel **TEST WITNESSED BY** _____

35. LIST OF ATTACHMENTS _____

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jennifer Park TITLE Production Clerk DATE 07/12/07

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DIV. OF OIL, GAS & MINING

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. **GEOLOGIC MARKERS**

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 13-22-9-16	Garden Gulch Mkr	3738'	
				Garden Gulch 1	3846'	
				Garden Gulch 2	4084'	
				Point 3 Mkr		
				X Mkr	4356'	
				Y-Mkr	4389'	
				Douglas Creek Mkr	4502'	
				BiCarbonate Mkr	4730'	
				B Limestone Mkr	4848'	
				Castle Peak	5374'	
				Basal Carbonate	5810'	
				Total Depth (LOGGERS)	5890'	



March 23, 2012

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #13-22-9-16
Monument Butte Field, Lease #UTU-74392
Section 22-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #13-22-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long, sweeping underline that extends to the right.

Eric Sundberg
Regulatory Lead

RECEIVED
MAR 28 2012
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #13-22-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-74392
MARCH 23, 2012

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ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELBORE DIAGRAM OF PROPOSED PLUGGED WELL

Federal 13-22-9-16

Spud Date: 5-9-2007
 Put on Production: 6-25-2007
 GL: 5994' KB: 6006'

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.02')
 DEPTH LANDED: 313.87' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

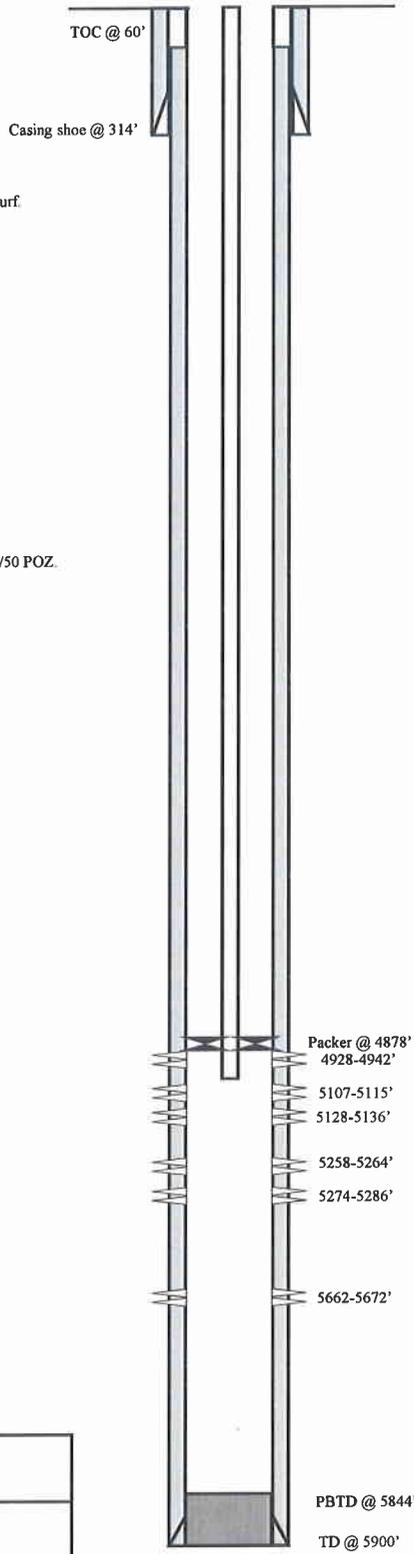
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts (5879.22')
 DEPTH LANDED: 5892.47' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 60'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 179 jts (5630.4')
 TUBING ANCHOR: 5630.4' KB
 NO. OF JOINTS: 1 jts (31.60')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5664.8' KB
 NO. OF JOINTS: 2 jts (63.3')
 TOTAL STRING LENGTH: BOT @ 5730'

FRAC JOB

06-19-07	5662-5672'	Frac CP5 sands as follows: 41156# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 1991 psi w/avg rate of 21.8 BPM. ISIP 2175 psi. Calc flush: 5660 gal. Actual flush: 5158 gal.
06-19-07	5258-5286'	Frac LODC sands as follows: 79611# 20/40 sand in 602 bbls Lightning 17 frac fluid. Treated @ avg press of 2528 psi w/avg rate of 21.8 BPM. ISIP 2750 psi. Calc flush: 5256 gal. Actual flush: 4788 gal.
06-18-07	5107-5136'	Frac LODC sands as follows: 55106# 20/40 sand in 451 bbls Lightning 17 frac fluid. Treated @ avg press of 2838 psi w/avg rate of 24.7 BPM. ISIP 3235 psi. Calc flush: 5105 gal. Actual flush: 4620 gal.
06-19-07	4928-4942'	Frac A1 sands as follows: 59043# 20/40 sand in 475 bbls Lightning 17 frac fluid. Treated @ avg press of 1937 w/ avg rate of 24.7 BPM. ISIP 2260 psi. Calc flush: 4926 gal. Actual flush: 4872 gal.
08/27/07	Pump Change	Rod & Tubing detail unchanged.
5/29/08	Stuck pump	Rod & Tubing detail updated.
1/31/09		Pump Change: Updated r & t detail.
3/16/2011		Pump Change: Updated rod & tubing detail.



PERFORATION RECORD

Date	Interval	JSPPF	Holes
06-18-07	5662-5672'	4 JSPPF	40 holes
06-19-07	5274-5286'	4 JSPPF	48 holes
06-19-07	5258-5264'	4 JSPPF	24 holes
06-19-07	5128-5136'	4 JSPPF	32 holes
06-19-07	5103-5110'	4 JSPPF	32 holes
06-19-07	4928-4942'	4 JSPPF	56 holes

NEWFIELD

Federal 13-22-9-16
 906' FSL & 702' FWL
 SW/SW Section 22-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33148; Lease # UTU-74392

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #13-22-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #13-22-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3845' - 5844'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3519' and the TD is at 5900'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #13-22-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-74392) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 314' KB, and 5-1/2", 15.5# casing run from surface to 5893' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2138 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Federal #13-22-9-16, for existing perforations (4928' - 5672') calculates at 0.82 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2138 psig. We may add additional perforations between 3519' and 5900'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Federal #13-22-9-16, the proposed injection zone (3845' - 5844') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-13.

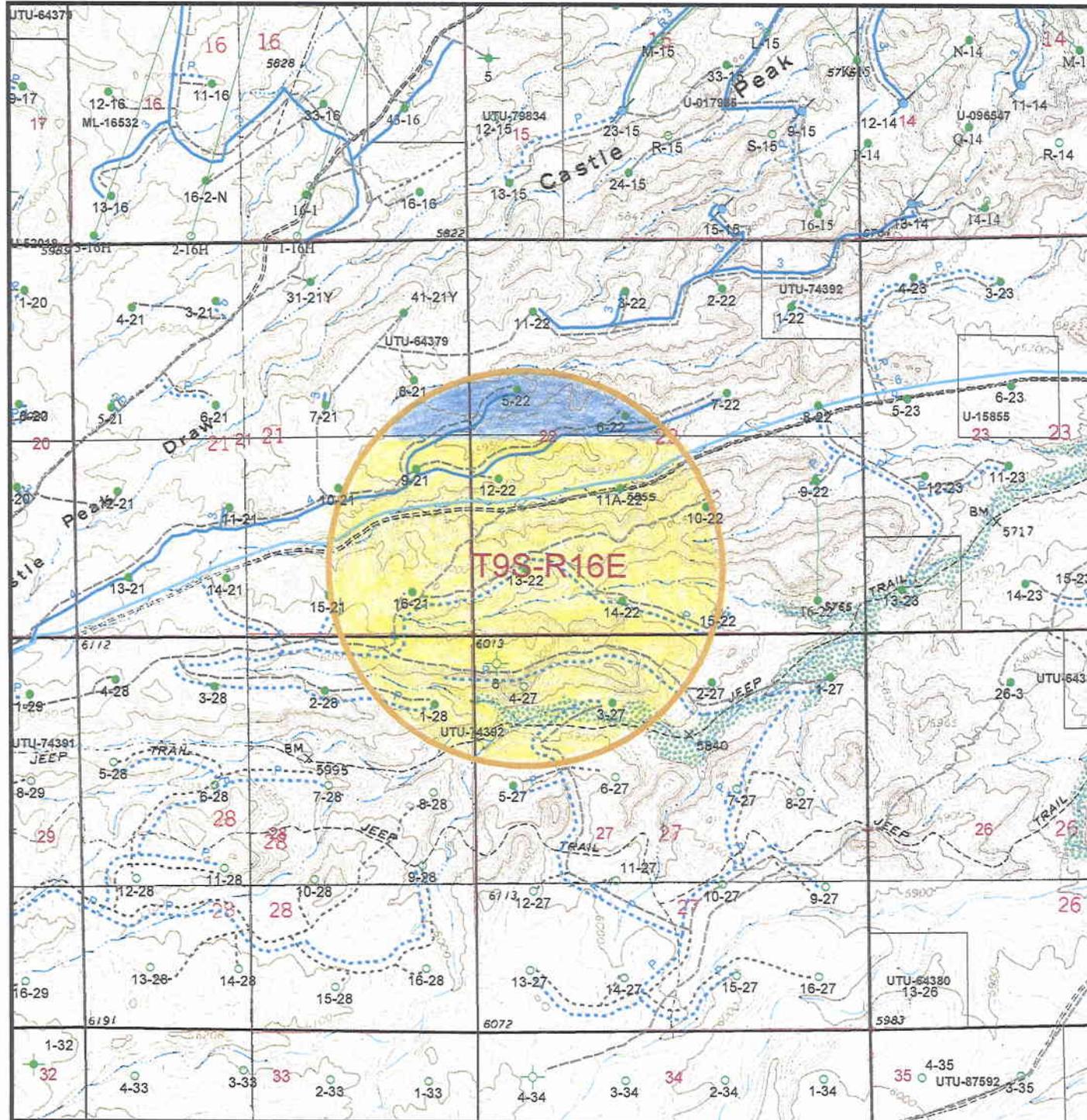
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



Well Status

- WellStatus_HalfMile_Buffer
- Location
- CTI
- ⊙ Surface Spud
- ⊕ Drilling
- ⊖ Waiting on Completion
- Producing Oil Well
- ⊕ Producing Gas Well
- ⊕ Water Injection Well
- ⊕ Dry Hole
- ⊖ Temporarily Abandoned
- ⊕ Plugged & Abandoned
- ⊖ Shut In
- Countyline

Injection system

- high pressure
- low pressure
- - - proposed
- return
- - - return proposed
- Leases
- Mining tracts

UTU-74392
 UTU-64379

Federal 13-22
Section 22, T9S-R16E



NEWFIELD
ROCKY MOUNTAINS 1" = 2000'

1/2 Mile Radius Map
Duchesne & Uintah Counties

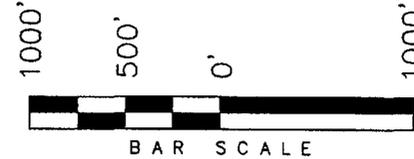
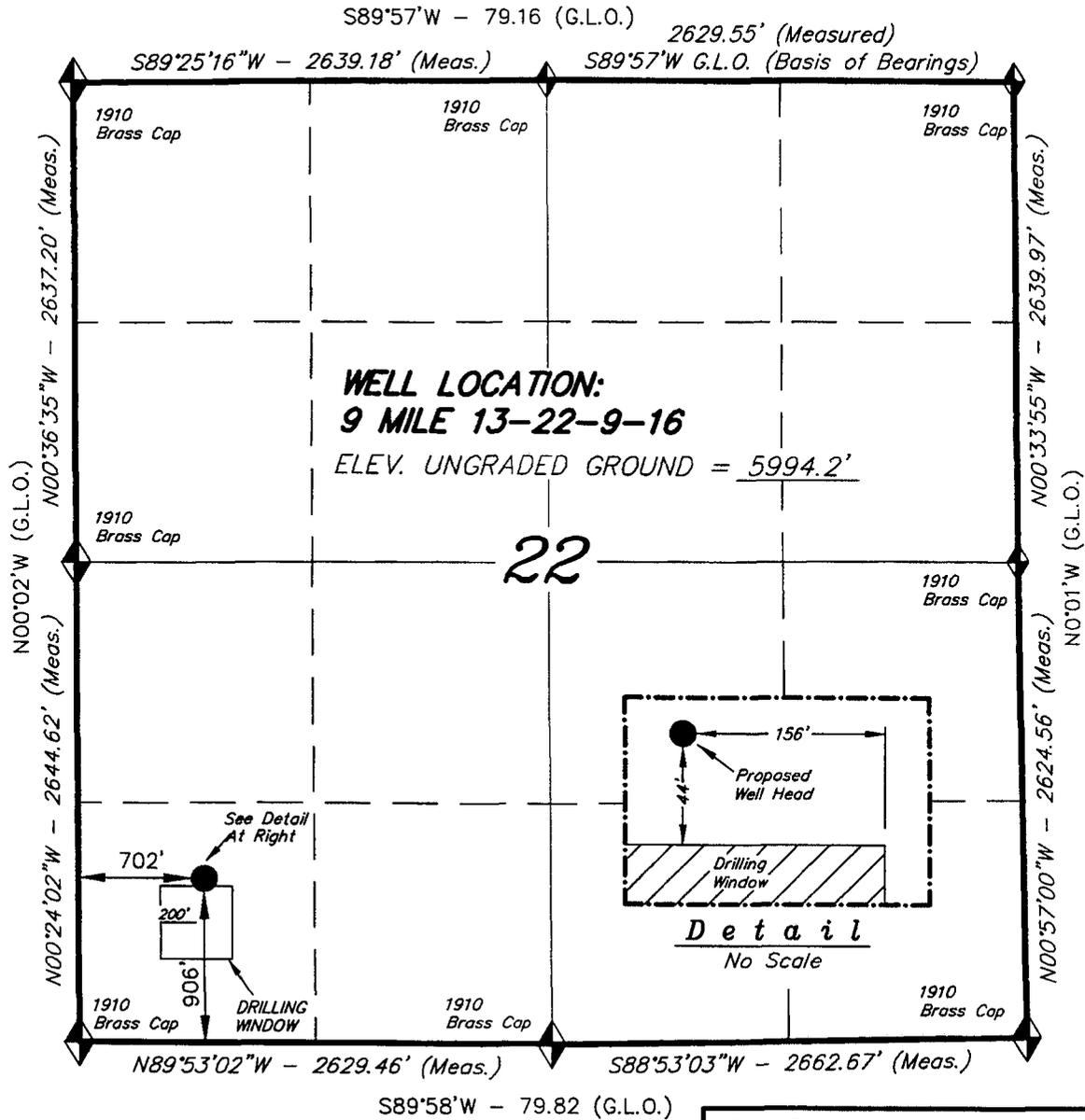
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 693-0102

January 25, 2012

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

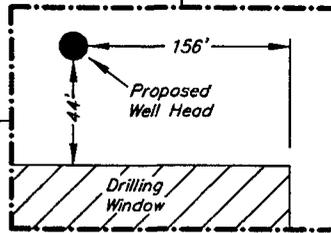
NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 13-22-9-16,
LOCATED AS SHOWN IN THE SW 1/4 SW
1/4 OF SECTION 22, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



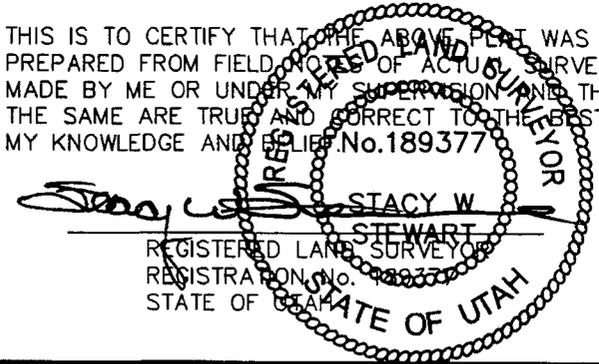
WELL LOCATION:
9 MILE 13-22-9-16
ELEV. UNGRADED GROUND = 5994.2'

22



Detail
No Scale

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

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

9 MILE 13-22-9-16
(Surface Location) NAD 83
LATITUDE = 40° 00' 41.70"
LONGITUDE = 110° 06' 44.32"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 03-31-06	SURVEYED BY: C.M.
DATE DRAWN: 4-3-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 21: S2	UTU-74392	Newfield RMI LLC	
	Section 22: NENE, S2	HBP	ABO Petroleum Corp	
	Section 23: SWSW		MYCO Industries Inc	
	Section 24: SESE		OXY Y-1 Corp	
	Section 26: NENE		Yates Petroleum Corp	
	Section 27: All			
	Section 28: All			
2	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 8: SWNE, SE	UTU-64379	Newfield RMI LLC	
	Section 9: SWSW	HBP	Yates Petroleum Corp	
	Section 17: NE			
	Section 18: E2SW, SE, Lots 3, 4			
	Section 19: NE, E2NW, Lots 1,2			
	Section 21: N2			
	Section 22: W2NE, SENE, NW			

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #13-22-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

Eric Sundberg
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 23rd day of March, 2012.

Notary Public in and for the State of Colorado: _____

Candice L. Twitty

My Commission Expires

My Commission Expires: _____

02/10/2013



Federal 13-22-9-16

Spud Date: 5-9-2007
Put on Production: 6-25-2007

GL: 5994' KB: 6006'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (302.02')
DEPTH LANDED: 313.87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts (5879.22')
DEPTH LANDED: 5892.47' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ
CEMENT TOP AT: 60'

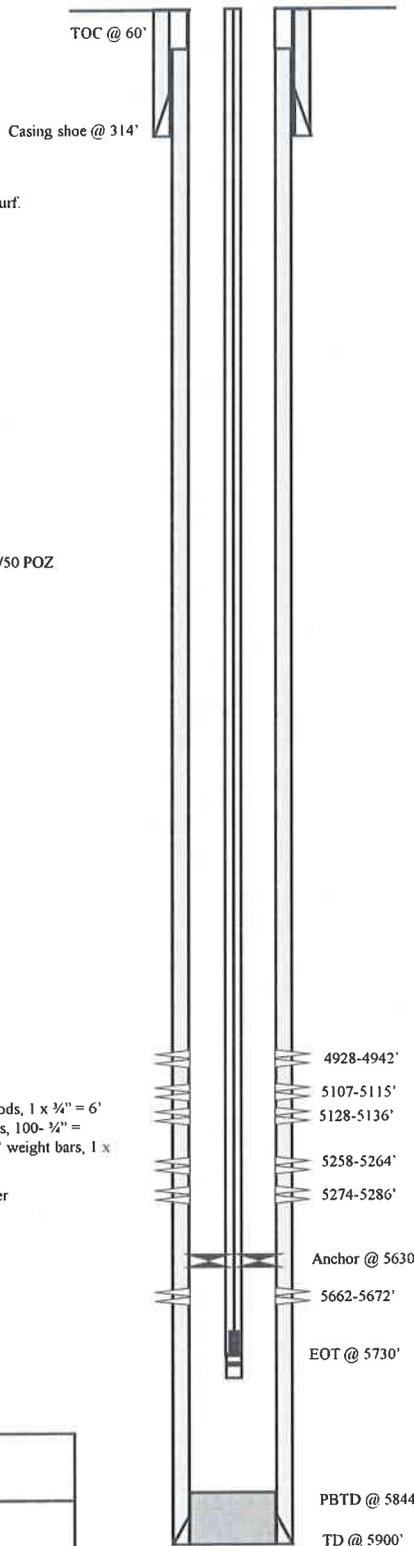
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 179 jts (5630.4')
TUBING ANCHOR: 5630.4' KB
NO OF JOINTS: 1 jts (31.60')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5664.8' KB
NO OF JOINTS: 2 jts (63.3')
TOTAL STRING LENGTH: EOT @ 5730'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1 X 3/4" = 2' pony rods, 1 x 3/4" = 4' pony rods, 1 x 3/4" = 6' pony rods, 1 x 3/4" = 8' pony rods, 99- 3/4" = 2475' guided rods, 100- 3/4" = 2500' sucker rods, 20- 3/4" = 500' guided rods, 6- 1 1/2" = 150' weight bars, 1 x 1" = 4' stabilizer rod
PUMP SIZE: 2-1/2" x 1-1/4" x 12 x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

Date	Depth	Description
06-19-07	5662-5672'	Frac CP5 sands as follows: 41156# 20/40 sand in 409 bbls Lightning 17 frac fluid Treated @ avg press of 1991 psi w/avg rate of 21.8 BPM ISIP 2175 psi Calc flush: 5660 gal Actual flush: 5158 gal
06-19-07	5258-5286'	Frac LODC sands as follows: 79611# 20/40 sand in 602 bbls Lightning 17 frac fluid Treated @ avg press of 2528 psi w/avg rate of 21.8 BPM ISIP 2750 psi Calc flush: 5256 gal Actual flush: 4788 gal
06-18-07	5107-5136'	Frac LODC sands as follows: 55106# 20/40 sand in 451 bbls Lightning 17 frac fluid Treated @ avg press of 2838 psi w/avg rate of 24.7 BPM ISIP 3235 psi Calc flush: 5105 gal Actual flush: 4620 gal
06-19-07	4928-4942'	Frac A1 sands as follows: 59043# 20/40 sand in 475 bbls Lightning 17 frac fluid Treated @ avg press of 1937 w/ avg rate of 24.7 BPM ISIP 2260 psi Calc flush: 4926 gal Actual flush: 4872 gal
08/27/07		Pump Change Rod & Tubing detail unchanged
5/29/08		Stuck pump Rod & Tubing detail updated
1/31/09		Pump Change. Updated r & t detail
3/16/2011		Pump Change. Updated rod & tubing detail

PERFORATION RECORD

Date	Depth	Number of Holes
06-18-07	5662-5672'	4 JSPF 40 holes
06-19-07	5274-5286'	4 JSPF 48 holes
06-19-07	5258-5264'	4 JSPF 24 holes
06-19-07	5128-5136'	4 JSPF 32 holes
06-19-07	5103-5110'	4 JSPF 32 holes
06-19-07	4928-4942'	4 JSPF 56 holes

NEWFIELD

Federal 13-22-9-16
906' FSL & 702' FWL
SW/SW Section 22-T9S-R16E
Duchesne Co, Utah
API # 43-013-33148; Lease # UTU-74392

Federal 5-22-9-16

Spud Date: 3-18-08
Put on Production: 5-9-08
GL: 5918' KB: 5930'

Initial Production: BOPD,
MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts
DEPTH LANDED: 318'
HOLE SIZE: 12-1/4"
CEMENT DATA: To surface with 160 sx Class "G" cmt

Cement top @ 114'

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts
DEPTH LANDED: 5920'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ
CEMENT TOP AT: 114'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 167 jts (5256.2')
TUBING ANCHOR: 5268.2'
NO OF JOINTS: 2 jts (63.20')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5331.1' KB
NO OF JOINTS: 2 jts (62.76')
TOTAL STRING LENGTH: EOT @ 5397.0

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1-2', 2-6' x 3/4" pony rods, 99-3/4" guided rods, 59-3/4" guided rods, 48-3/4" guided rods, 6-1 1/2" weight rods
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 15' RHAC pump w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4 SPM

FRAC JOB

05-06-08 5307-5313' **RU BJ & frac LODC sds as follows:**
99,254# 20/40 sand in 750 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2444 w/ ave rate of 28.6 bpm w/ 8 ppg of sand. ISIP was 2669. Actual Flush: 4746 gal

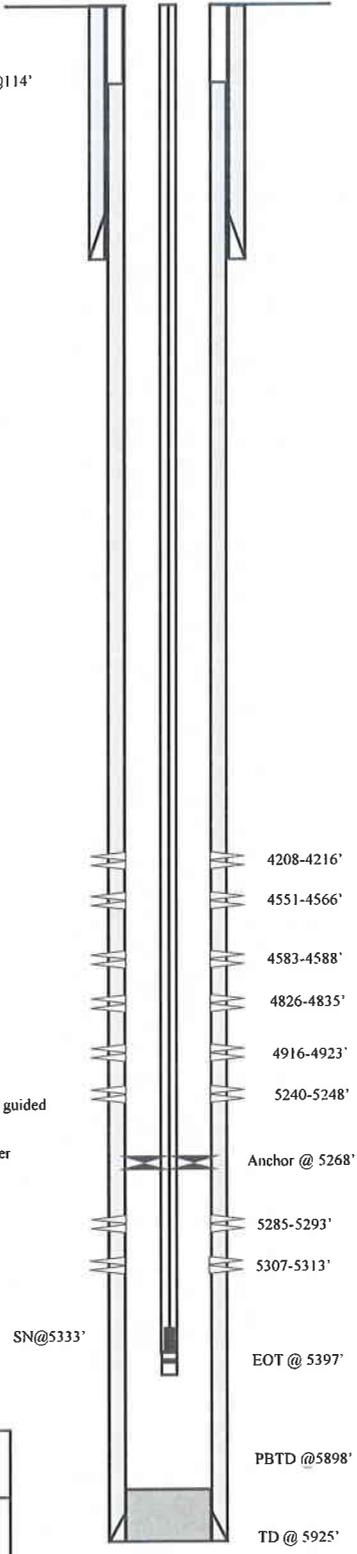
05-06-08 4916-4923' **RU BJ & frac stage #2 as follows:**
19,006# 20/40 sand in 304 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2172 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 2395. Actual Flush: 4452 gal

05-06-08 4826-4835' **RU BJ & frac stage #3 as follows:**
29,485# 20/40 sand in 377 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1724 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 1676. Actual Flush: 4326 gal

05-06-08 4551-4556' **RU BJ & frac stage #4 as follows:**
19,618# 20/40 sand in 297 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1788 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP was 1868. Actual Flush: 4074 gal

05-06-08 4208-4216' **RU BJ & frac stage #5 as follows:**
24,768# 20/40 sand in 330 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2518 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP was 2984. Actual Flush: 4116 gal

10/7/09 Tubing Leak. Updated rod & tubing details



PERFORATION RECORD

Date	Interval	Grade	Holes
04-24-08	5307-5313'	4 JSPF	24 holes
04-30-08	5285-5293'	4 JSPF	32 holes
04-30-08	5240-5248'	4 JSPF	32 holes
04-30-08	4916-4923'	4 JSPF	28 holes
04-30-08	4826-4835'	4 JSPF	36 holes
04-30-08	4583-4588'	4 JSPF	20 holes
04-30-08	4551-4566'	4 JSPF	20 holes
04-30-08	4208-4216'	4 JSPF	32 holes

NEWFIELD

Federal 5-22-9-16

1989' FNL & 613' FWL

SW/NW Section 22-T9S-R16E

Duchesne Co, Utah

API # 43-013-33025; Lease # UTU-64379

Federal 6-22-9-16

Spud Date: 3-13-08
 Put on Production: 5-6-08
 GL: 5913' KB: 5925'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (290.93')
 DEPTH LANDED: 302.78' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts (5933.60')
 DEPTH LANDED: 5946.85' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP AT: 196'

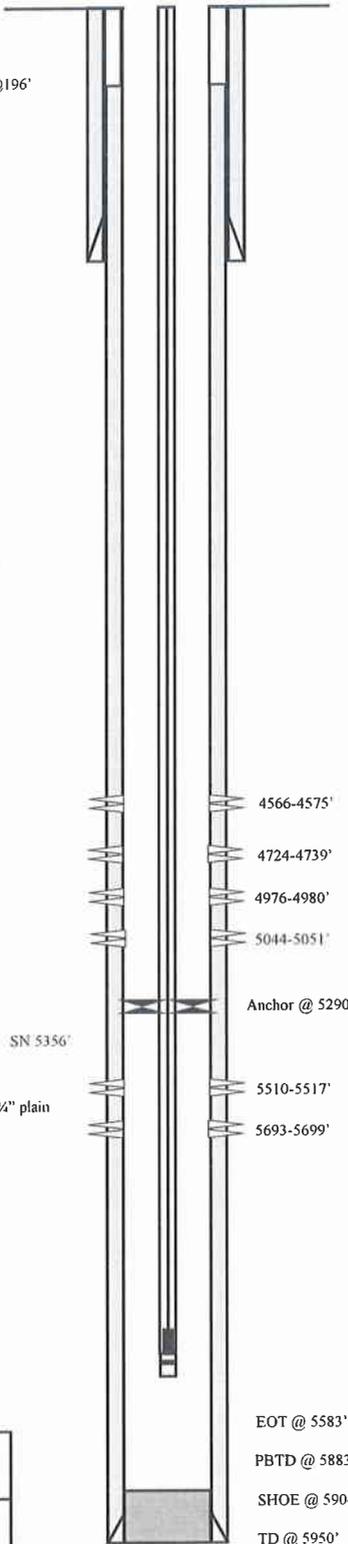
TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 168 jts (5278.14')
 TUBING ANCHOR 5290 14' KB
 NO OF JOINTS: 2 jts (63.11')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5356.05' KB
 NO OF JOINTS: 1 jts (31.47')
 TOTAL STRING LENGTH: EOT @ 5583.08' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 2'-6", 8' x 3/4" pony rods, 99'-3/4" scraped rods, 88'-3/4" plain rods, 20'-3/4" scraped rods, 6-1 1/2" weight rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

Cement top @ 196'



FRAC JOB

04-30-08	5693-5699'	Frac CP4 sands as follows: 16361# 20/40 sand in 302 bbls Lightning 17 frac fluid. Treated @ avg press of 2441 psi w/avg rate of 23.2 BPM. ISIP 2055 psi. Calc flush: 5691 gal. Actual flush: 5250 gal.
04-30-08	5510-5517'	Frac CP2 sands as follows: 15257# 20/40 sand in 279 bbls Lightning 17 frac fluid. Treated @ avg press of 2046 psi w/avg rate of 23.2 BPM. ISIP 1762 psi. Calc flush: 5508 gal. Actual flush: 4998 gal.
04-30-08	4976-5051'	Frac A3, & A1 sands as follows: 14997# 20/40 sand in 235 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 23.2 BPM. ISIP 1884 psi. Calc flush: 4974 gal. Actual flush: 4494 gal.
4-30-08	4724-4739'	Frac C sands as follows: 115315# 20/40 sand in 825 bbls Lightning 17 frac fluid. Treated @ avg press of 1876 w/avg rate of 23.2 BPM. ISIP 2044 psi. Calc flush: 4722 gal. Actual flush: 4242 gal.
04-30-08	4566-4575'	Frac D1 sands as follows: 40206# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1832 w/avg rate of 23.2 BPM. ISIP 1850 psi. Calc flush: 4564 gal. Actual flush: 4452 gal.

PERFORATION RECORD

04-24-08	5693-5699'	4 JSPF	24 holes
04-30-08	5510-5517'	4 JSPF	28 holes
04-30-08	5044-5051'	4 JSPF	28 holes
04-30-08	4976-4980'	4 JSPF	16 holes
04-30-08	4724-4739'	4 JSPF	60 holes
04-30-08	4566-4575'	4 JSPF	36 holes

EOT @ 5583'
 PBTB @ 5883'
 SHOE @ 5904'
 TD @ 5950'

NEWFIELD

Federal 6-22-9-16

2340' FNL & 2060' FWL
 SE/NW Section 22-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33026; Lease # UTU-34379

FEDERAL 10-22-9-16

Spud Date: 04/26/07
 Put on Production: 06/29/07
 GL: 5955' KB: 5967'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (310.97')
 DEPTH LANDED: 322.82' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts (5904.01')
 DEPTH LANDED: 5917.26' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: 160'

TUBING

SIZE/GRADE/AWT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 182 jts (5685.0')
 TUBING ANCHOR: 5697.0' KB
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.10")
 SN LANDED AT: 5731.2' KB
 NO. OF JOINTS: 1 jts (31.7')
 TOTAL STRING LENGTH: EOT @ 5764' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 2 x 3/4" - 8' pony rod, 1 x 3/4" = 6' pony rod, 1 x 3/4" = 8' pony rod, 98-3/4" = 2450' guided rods, 93-3/4" = 2325' sucker rods, 30-3/4" = 750' guided rods, 6-1 1/2" = 150' weight bars
 PUMP SIZE: 2 1/2" x 1 1/4" x 12 x 16" RIAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5

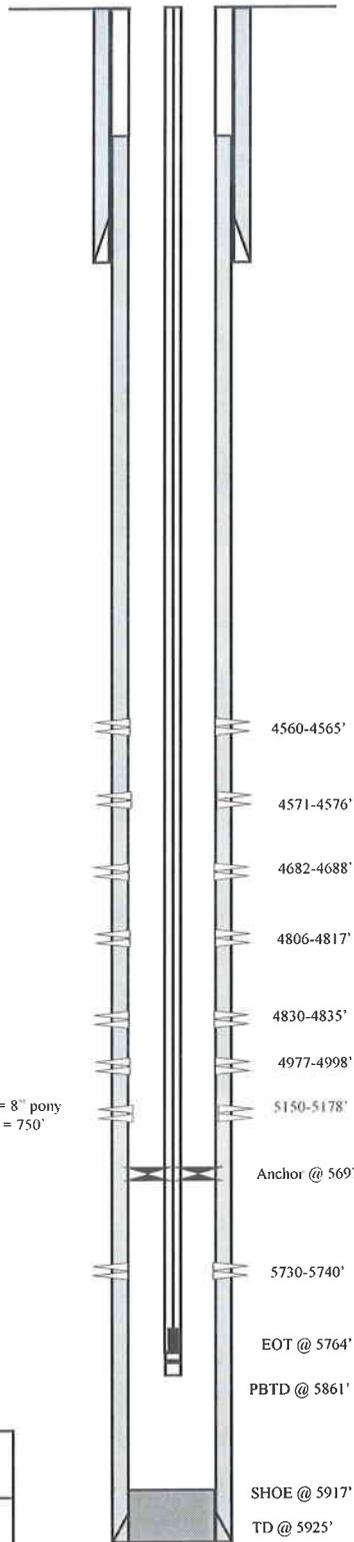
FRAC JOB

06/25/07	5730-5740'	Frac CP5 sands as follows: 40069# 20/40 sand in 408 bbls Lightning 17 frac fluid Treated @ avg press of 1945 psi w/avg rate of 24.7 BPM ISIP 2163 psi Calc flush: 5728 gal Actual flush: 5208 gal
06/26/07	5150-5178'	Frac LODC sands as follows: 126558# 20/40 sand in 899 bbls Lightning 17 frac fluid Treated @ avg press of 2216 psi w/avg rate of 24.7 BPM ISIP 2676 psi Calc flush: 5148 gal Actual flush: 4662 gal
06/26/07	4977-4998'	Frac A1 sands as follows: 94957# 20/40 sand in 708 bbls Lightning 17 frac fluid Treated @ avg press of 1623 psi w/avg rate of 24.7 BPM ISIP 1945 psi Calc flush: 4975 gal Actual flush: 4494 gal
06/26/07	4806-4835'	Frac B2 & B1 sands as follows: 61885# 20/40 sand in 508 bbls Lightning 17 frac fluid Treated @ avg press of 1689 psi w/avg rate of 24.7 BPM ISIP 1825 psi Calc flush: 4804 gal Actual flush: 4326 gal
06/26/07	4682-4688'	Frac D3 sands as follows: 12609# 20/40 sand in 241 bbls Lightning 17 frac fluid Treated @ avg press of 2133 psi w/avg rate of 24.7 BPM ISIP 1776 psi Calc flush: 4680 gal Actual flush: 4221 gal
06/26/07	4560-4565'	Frac D1 sands as follows: 16073# 20/40 sand in 246 bbls Lightning 17 frac fluid Treated @ avg press of 1881 psi w/avg rate of 24.7 BPM ISIP 1857 psi Calc flush: 4558 gal Actual flush: 4494 gal

05/28/08 pump change: Updated rod and tubing details
 4560-4565' 6/21/2010 Parted rods: Updated rod and tubing detail.
 6/23/2010 Parted rods: Updated rod and tubing detail.
 3/15/11 Parted rods: Updated rod and tubing detail.

PERFORATION RECORD

06/21/07	5730-5740'	4 JSPF	40 holes
06/25/07	5150-5178'	4 JSPF	112 holes
06/26/07	4977-4998'	4 JSPF	84 holes
06/26/07	4830-4835'	4 JSPF	20 holes
06/26/07	4806-4817'	4 JSPF	44 holes
06/26/07	4682-4688'	4 JSPF	24 holes
06/26/07	4571-4576'	4 JSPF	20 holes
06/26/07	4560-4565'	4 JSPF	20 holes





FEDERAL 10-22-9-16
 1736'FSL & 2137' FEL
 NW/SE Section 22-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33166; Lease # UTU-74392

Federal 11A-22-9-16

Spud Date: 5-15-07
Put on Production: 7-18-07

GL: 5867' KB: 5879'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jnts (311.35')
DEPTH LANDED: 323 2' KB
HOLE SIZE 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH 134 jnts (5829.37')
DEPTH LANDED: 5842 62' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TO SURFACE: 183'

TUBING

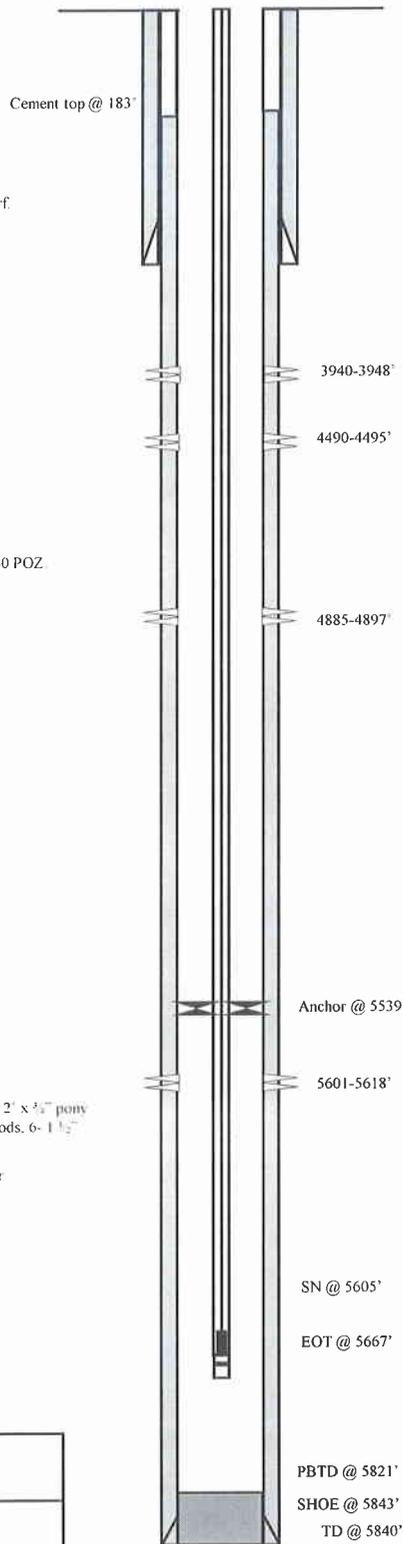
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 178 jnts (5538.8')
TUBING ANCHOR: 5538.8' KB
NO. OF JOINTS: 2 jnts (63.2')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5604.8' KB
NO. OF JOINTS: 2 jnts (60.4')
TOTAL STRING LENGTH: EOT @ 5667' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1- 8' x 3/4" pony rod, 1- 4' x 3/4" pony rod, 1- 2' x 3/4" pony rod, 100- 3/4" guided rods, 52- 3/4" guided rods, 66- 3/4" guided rods, 6- 1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RHAC w/SM plunger
STROKE LENGTH: 120
PUMP SPEED, SPM: 5

Initial Production: BOPD,
MCFD. BWPD

Wellbore Diagram



FRAC JOB

7-9-07	5601-5618'	Frac CP5 sands as follows: 50556# 20/40 sand in 495 bbls Lightning 17 frac fluid. Treated @ avg press of 1972 psi w/avg rate of 24.8 BPM. ISIP 2200 psi. Calc flush: 5599 gal. Actual flush: 5082 gal.
7-11-07	4885-4897'	Frac A1 sands as follows: 70631# 20/40 sand in 616 bbls Lightning 17 frac fluid. Treated @ avg press of 1959 psi w/avg rate of 24.8 BPM. ISIP 2160 psi. Calc flush: 48831 gal. Actual flush: 4410 gal.
7-13-07	4490-4495'	Frac D1 sands as follows: 20088# 20/40 sand in 310 bbls Lightning 17 frac fluid. Treated @ avg press of 1769 psi w/avg rate of 24.8 BPM. ISIP 1908 psi. Calc flush: 4489 gal. Actual flush: 3990 gal.
7-13-07	3940-3948'	Frac GB4 sands as follows: 42107# 20/40 sand in 394 bbls Lightning 17 frac fluid. 24.8BPM ISIP 1470psi. Calc flush: 3938 gal. Actual flush: 3906 gal.

06/25/08
1/18/2010
Workover Rod & Tubing detail updated.
Tubing leak. Updated rod and tubing detail.

PERFORATION RECORD

7-9-07	5601-5618'	4 JSPF	68 holes
7-18-07	4885-4897'	4 JSPF	48 holes
7-11-07	4490-4495'	4 JSPF	20 holes
7-13-07	3940-3948'	4 JSPF	32 holes



Federal 11A-22-9-16
2007' FSL & 1783' FWL
NE/SW Section 22-T9S-R16E
Duchesne Co, Utah
API #43-013-33149; Lease #UTU-74392

Federal 12-22-9-16

Spud Date: 4/28/2009
 Put on Production: 7/22/2009
 GL: 5966' KB: 5978'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (275')
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 326' KB
 CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

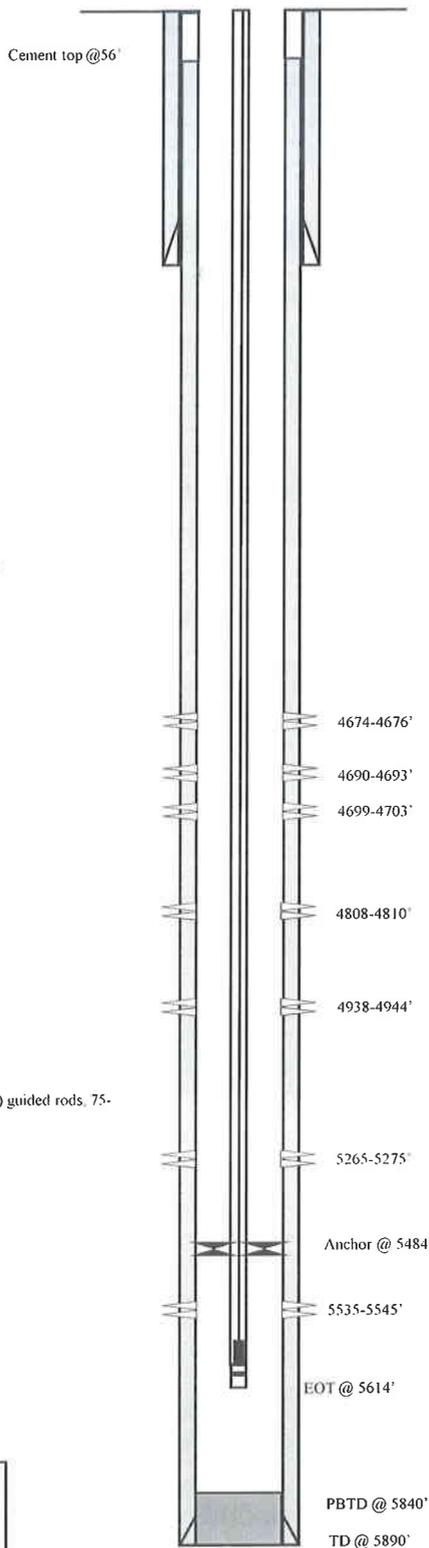
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts (5828')
 HOLE SIZE: 7 7/8"
 TOTAL DEPTH: 5881.89'
 CEMENT DATA: 275 sx Prem. Lite and 401 sx 50/50 poz.
 CEMENT TOP AT: 56'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55
 NO. OF JOINTS: 174jts (5389')
 TUBING ANCHOR: 5484' KB
 NO. OF JOINTS: 2 jts (62.9')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5549' KB
 NO. OF JOINTS: 2 jts (63.1')
 TOTAL STRING LENGTH: EOT @ 5614'

SUCKER RODS

POLISHED ROD: 1 1/2" X 26' polished rod
 SUCKER RODS: 1-4", 6", 8" x 3/4" pony rod, 100- 3/4" (4 per) guided rods, 75- 3/4" sucker rods, 40- 3/4" guided rods, 6-1 1/2" sinker bars
 PUMP SIZE: 2 1/2" x 1 1/2" x 16" x 19 1/2" RHAC pump
 STROKE LENGTH: ?"
 PUMP SPEED, SPM: ?



FRAC JOB

7-23-09 5535-5545' **Frac CP3 sands as follows:**
 Frac with 34,344# 20/40 sand in 249 bbls of Lightning 17 fluid.

7-23-09 5265-5275' **Frac LODC sands as follows:**
 Frac with 65,879# 20/40 sand in 147 bbls of Lightning 17 fluid.

7-23-09 4808-4944' **Frac A3 & B2 sands as follows:**
 Frac with 34,625# 20/40 sand in 285 bbls of Lightning 17 fluid.

7-23-09 4674-4703' **Frac C sands as follows:**
 Frac with 34344# 20/40 sand in 249 bbls of Lightning 17 fluid.

03/16/2011
 Tubing Leak Rod & tubing detail updated.

PERFORATION RECORD

5535-5545'	3 JSPF	30 holes
5265-5275'	3 JSPF	30 holes
4938-4944'	3 JSPF	18 holes
4808-4810'	3 JSPF	6 holes
4699-4703'	3 JSPF	12 holes
4690-4693'	3 JSPF	9 holes
4674-4676'	3 JSPF	6 holes



Federal 12-22-9-16

2113' FSL & 349' FWL NW/SW

Section 22-T9S-R16E

Duchesne Co, Utah

API # 43-013-33586; Lease # UTU-74392

Spud Date: 4-25-07
 Put on Production: 6-22-07
 GL: 5894' KB: 5906'

Fed. #14-22-9-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.02')
 DEPTH LANDED: 320.87' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class "G" cmt

PRODUCTION CASING

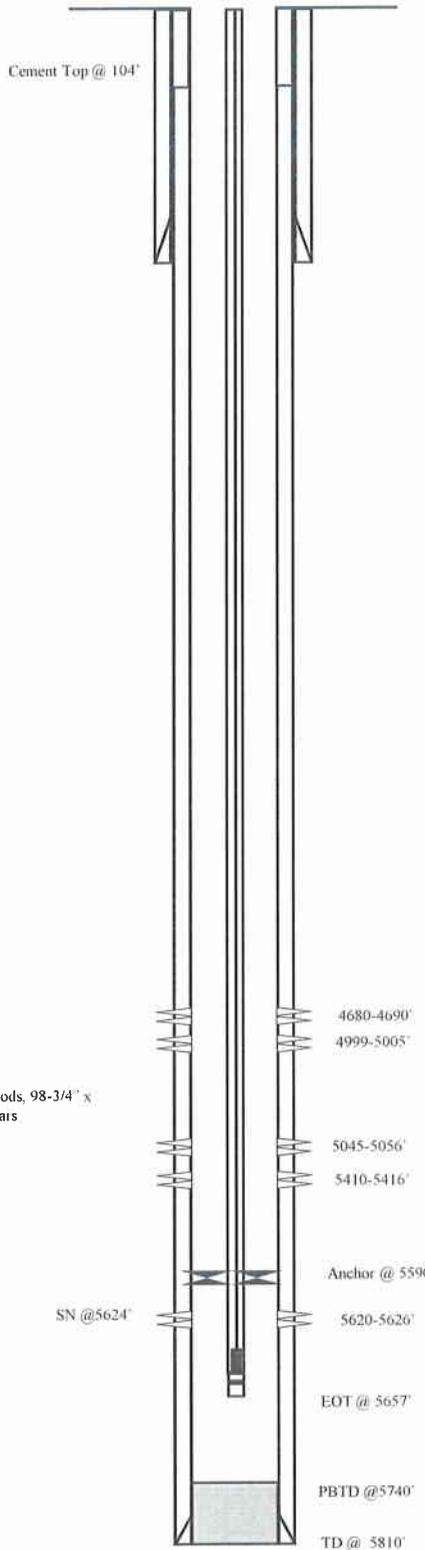
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts (6165.44')
 DEPTH LANDED: 5793.94' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx Prem Lite II & 400 sx 50/50 Poz
 CEMENT TOP: 104'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 179 jts (5577.57')
 TUBING ANCHOR: 5589.57' KB
 NO OF JOINTS: 1 jts (31.63')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5624.00' KB
 NO OF JOINTS: 1 jts (31.57')
 TOTAL STRING LENGTH: EOT @ 5657.12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 3/4 x 4' Pony rod, 100-3/4 x 25' Scrapered Rods, 98-3/4" x 25' Slick Rods, 20-3/4' x 25' scrapered rods, 6-1 1/2 x 25' wt bars
 PUMP SIZE: 2 1/2" x 1 1/2" x 12x 15' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED: 5 SPM



FRAC JOB

6/15/07 **5620-5626 RU BJ & frac CP5 sds as follows:**
 14,228#s of 20/40 sand in 265 bbls of Lightning 17 frac fluid Treated @ ave pressure of 2740 w/ ave rate of 27 bpm w/ 6.5 ppg of sand ISIP was 2525 Actual flush 5166 gals

6/15/07 **5410-5416 RU BJ & frac stage #2 as follows:**
 19,400# 20/40 sand in 298 bbls of Lightning 17 frac fluid Treated @ ave pressure of 2147 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand ISIP was 2134 Actual flush 4914 gals

6/15/07 **4999-5005 RU BJ & frac stage #3 as follows:**
 55,118# 20/40 sand in 482 bbls of Lightning 17 frac fluid Treated @ ave pressure of 2856 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand ISIP was 2986 Actual flush 4536 gals

6/15/07 **4680-4690 RU BJ & frac stage #4 as follows:**
 61,337# 20/40 sand in 472 bbls of Lightning 17 frac fluid Treated @ ave pressure of 1703 w/ ave rate of 24.8 bpm w/ 8 ppg of sand ISIP was 2056 Actual flush 4662 gals

1/3/09 Pump Change Updated rod & tubing details

PERFORATION RECORD

Date	Interval	Tool	Holes
06/15/07	5620-5626'	4 JSPF	24 holes
06/15/07	5410-5416'	4 JSPF	112 holes
06/15/07	5045-5056'	4 JSPF	84 holes
06/15/07	4999-5005'	4 JSPF	20 holes
06/15/07	4680-4690'	4 JSPF	40 holes

NEWFIELD



Federal 14-22-9-16
 477' FSL and 1988' FWL
 SE/SW Sec. 22, T9S, 16E
 Duchesne Co, Utah
 API #43-013-33147 ; Lease #UTU-74392

Federal 15-22-9-16

Spud Date: 4/17/2007
 Put on Production: 6-18-2007
 GL: 5846' KB: 5858'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"
 GRADE J-55
 WEIGHT: 24#
 LENGTH 7 jts (304.31')
 DEPTH LANDED 316 16' KB
 HOLE SIZE 12-1/4"
 CEMENT DATA 160 sxs Class "G" cmt. est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5-1/2"
 GRADE J-55
 WEIGHT 15.5#
 LENGTH 133 jts (5764.96')
 DEPTH LANDED 5768 96' KB
 HOLE SIZE 7-7/8"
 CEMENT DATA 325 sxs Prem Lite II mixed & 425 sxs 50/50 POZ
 CEMENT TOP AT Surface'

TUBING

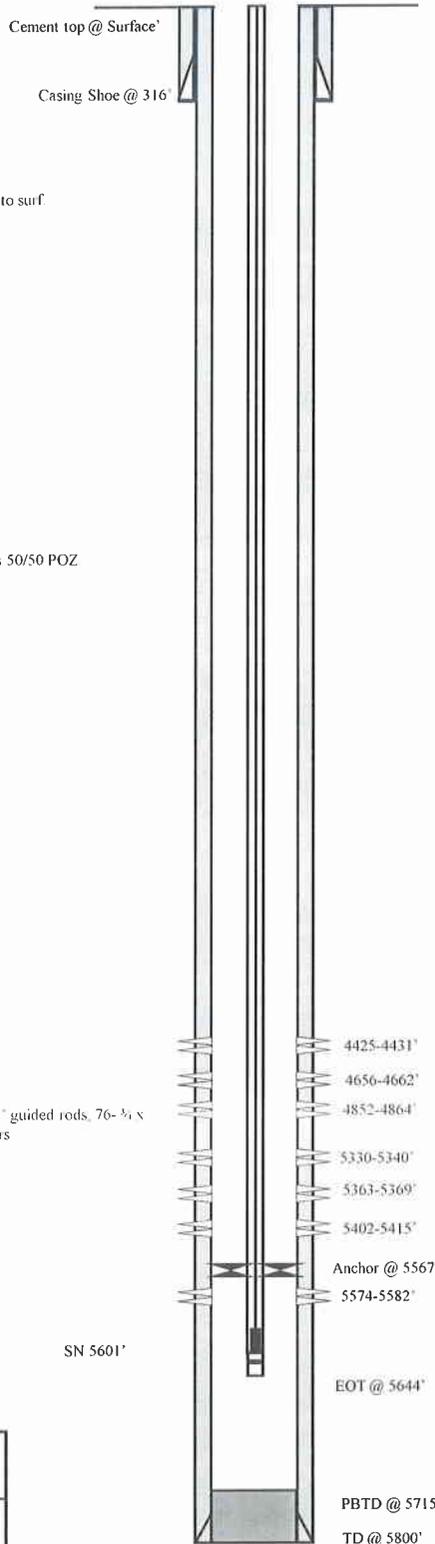
SIZE/GRADE/AWT 2-7/8" / J-55
 NO OF JOINTS 181 jts (5532.55')
 TUBING ANCHOR 5567 15'
 NO OF JOINTS 1 jts (32.45')
 SEATING NIPPLE 2-7/8" (1 10')
 SN LANDED AT 5600.70'
 NO OF JOINTS 1 jt (29.21')
 TOTAL STRING LENGTH: EOT @ 5643.65'

SUCKER RODS

POLISHED ROD 1-1/2" x 26'
 SUCKER RODS 1-6", 1-2" x 3/4" pony rods, 101- 3/4 x 25" guided rods, 76- 3/4 x 25" slick rods, 40- 3/4 x 25" guided rods, 6-1 1/2 x 25" wt bars
 PUMP SIZE CDI 2-1/2" x 1-1/2" x 20" x 15 1/2" RHAC
 STROKE LENGTH 100"
 PUMP SPEED, SPM: 4.5 SPM

FRAC JOB

06-11-07	5574-5582'	Frac CP5 sands as follows: 19614# 20/40 sand in 325 bbls Lightning 17 frac fluid. Treated @ avg press of 2433 psi w/avg rate of 24.8 BPM. ISIP 2430 psi. Calc flush: 5572 gal. Actual flush: 5124 gal.
06-11-07	5330-5415'	Frac CP3, CP2, & CP1 sands as follows: 34912# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 24.8 BPM. ISIP 1976 psi. Calc flush: 4328 gal. Actual flush: 4872 gal.
06-11-07	4852-4864'	Frac A1 sands as follows: 19473# 20/40 sand in 287 bbls Lightning 17 frac fluid. Treated @ avg press of 1777 psi w/avg rate of 24.8 BPM. ISIP 1860 psi. Calc flush: 4850 gal. Actual flush: 4410 gal.
06-11-07	4656-4662'	Frac B1 sands as follows: 14664# 20/40 sand in 237 bbls Lightning 17 frac fluid. Treated @ avg press of 1924 w/avg rate of 24.8 BPM. ISIP 1720 psi. Calc flush: 4654 gal. Actual flush: 4200 gal.
06-11-07	4425-4431'	Frac D1 sands as follows: 22099# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2182 w/avg rate of 24.8 BPM. ISIP 1700 psi. Calc flush: 4423 gal. Actual flush: 3948 gal.
7/23/07		Pump change Updated rod & tuning detail
05/29/08		pump change Updated rod and tubing detail
5/11/09		Tubing Leak. Updated r & t details



PERFORATION RECORD

Date	Depth Range	Number of Holes	Completion Type
06-07-07	5574-5582'	4	JSPF 32 holes
06-11-07	5402-5415'	4	JSPF 52 holes
06-11-07	5363-5369'	4	JSPF 24 holes
06-11-07	5330-5340'	4	JSPF 40 holes
06-11-07	4852-4864'	4	JSPF 48 holes
06-11-07	4656-4662'	4	JSPF 24 holes
06-11-07	4425-4431'	4	JSPF 24 holes



Federal 15-22-9-16
 355' FSL & 1987' FEL
 SW/SE Section 22-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33167; Lease # UTU-74392

Federal 9-21-9-16

Spud Date: 07/31/09
 Put on Production: 09/02/09
 GL: 5970' KB: 5982'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts (264')
 DEPTH LANDED: 322'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cnt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts (5836')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5887.85'
 CEMENT DATA: 260 sk Prem Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP AT: 120'

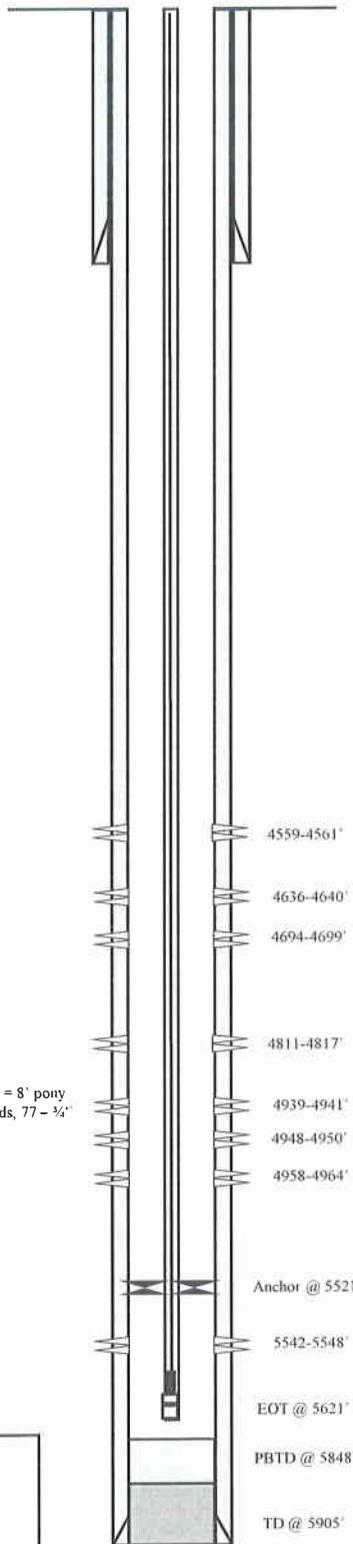
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 172 jts (5509.1')
 TUBING ANCHOR: 5521'
 NO OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5555.4' KB
 NO OF JOINTS: 2 jts (64.1')
 TOTAL STRING LENGTH: EOT @ 5621'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 2 x 3/4" = 8' pony rod, 1 x 3/4" = 6' pony rods, 1 x 3/4" = 8' pony rods, 104 - 3/4" = 2600' (4 per) guided rods, 34 - 3/4" = 850' sucker rods, 77 - 3/4" = 1925' (4 per) guided rods, 6 - 1 1/2" = 150' sinker bars
 PUMP SIZE: CDI 2 1/2" x 1 1/25" x 17' RTBC McGyver pump
 STROKE LENGTH: 122'
 PUMP SPEED, SPM: 5

Wellbore Diagram



FRAC JOB

9-2-09	5542-5548'	Frac CP3 sands as follows: Frac with 15136# 20/40 sand in 122 bbls Lightning 17 fluid.
9-2-09	4939-4964'	Frac A3 sands as follows: Frac with 115669# 20/40 sand in 698 bbls Lightning 17 fluid.
9-2-09	4811-4817'	Frac B2 sands as follows: Frac with 25293# 20/40 sand in 204 bbls Lightning 17 fluid.
9-2-09	4559-4699'	Frac C, D1, & D3 sands as follows: Frac with 111451# 20/40 sand in 635 bbls Lightning 17 fluid.
11/25/10		Pump Change Rod & tubing updated
3/30/11		Tubing leak Rod & tubing detail updated

PERFORATION RECORD

5542-5548'	3 JSPF	18 holes
4958-4964'	3 JSPF	18 holes
4948-4950'	3 JSPF	6 holes
4939-4941'	3 JSPF	6 holes
4811-4817'	3 JSPF	18 holes
4694-4699'	3 JSPF	15 holes
4636-4640'	3 JSPF	12 holes
4559-4561'	3 JSPF	6 holes



Federal 9-21-9-16
 2247' FSL & 756' FEL NE/SE
 Section 21-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33145; Lease #UTU-74392

FEDERAL 10-21-9-16

Spud Date: 05/12/07
 Put on Production: 07/26/07
 GL: 6032' KB: 6044'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"
 GRADE: J-55
 WEIGHT 24#
 LENGTH 7 jts (306.20')
 DEPTH LANDED 323.56' KB
 HOLE SIZE 12-1/4"
 CEMENT DATA 160 sxs Class "G" cmt, est 6 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5-1/2"
 GRADE: J-55
 WEIGHT 15.5#
 LENGTH 144 jts (6041')
 DEPTH LANDED: 6054.25' KB
 HOLE SIZE 7-7/8"
 CEMENT DATA 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP 214'

TUBING

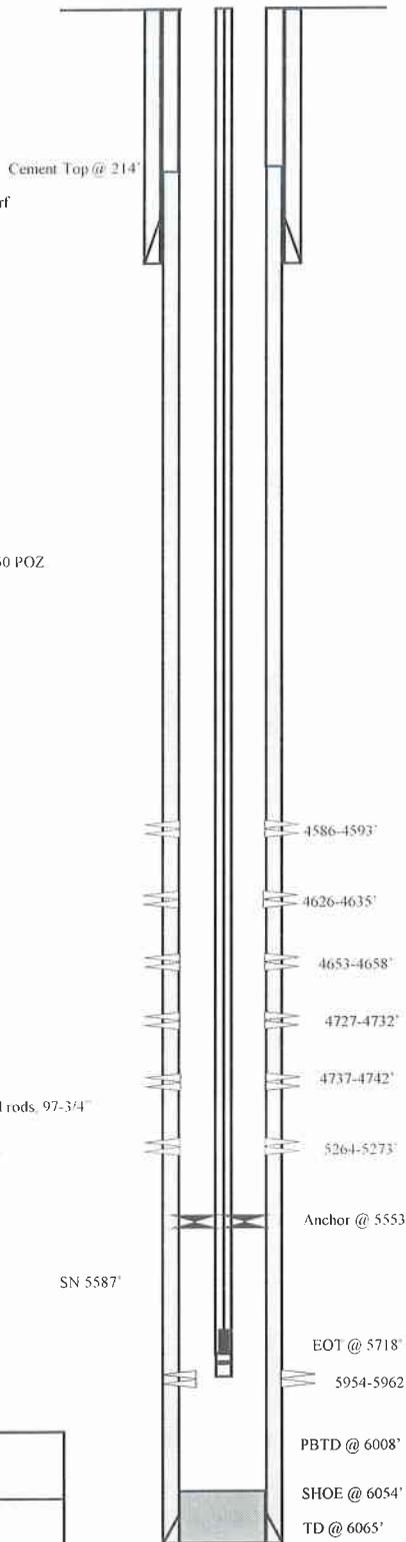
SIZE/GRADE/WT 2-7/8" / J-55
 NO OF JOINTS 176 jts (5540.93')
 TUBING ANCHOR 5552.93'
 NO OF JOINTS 1 jts (31.50')
 SEATING NIPPLE 2-7/8" (1.10')
 SN LANDED AT 5587.23'
 NO OF JOINTS 4 jts (123.34')
 TOTAL STRING LENGTH: EOT @ 5717.80'

SUCKER RODS

POLISHED ROD 1-1/2" x 26' SM polished rods
 SUCKER RODS 1-8", 1-6" x 3/4" pony rods, 99-3/4" scraped rods, 97-3/4" plan rods, 20-3/4" scraped rods, 6-1 1/2" weight rods
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15" RHAC W/ sm plunger
 STROKE LENGTH 86"
 PUMP SPEED: 4.5 SPM

FRAC JOB

07/20/07	5954-5962'	Frac BSLS sands as follows: 40380# 20/40 sand in 429 bbls Lightning 17 frac fluid Treated @ avg press of 2388 psi w/avg rate of 24.9 BPM ISIP 4330 psi Calc flush 5952 gal Actual flush 5208 gal
07/20/07	5264-5273'	Frac LODC sands as follows: 15583# 20/40 sand in 279 bbls Lightning 17 frac fluid Treated @ avg press of 2484 psi w/avg rate of 24.8 BPM ISIP 2438 psi Calc flush 5262 gal Actual flush 4746 gal
07/20/07	4727-4742'	Frac C sands as follows: 45637# 20/40 sand in 434 bbls Lightning 17 frac fluid Treated @ avg press of 1823 psi w/avg rate of 24.8 BPM ISIP 1756 psi Calc flush 4725 gal Actual flush 4284 gal
07/20/07	4586-4658'	Frac D3, D2, & D1 sands as follows: 0# 20/40 sand in 211 bbls Lightning 17 frac fluid Treated @ avg press of 1823 psi w/avg rate of 24.8 BPM ISIP 1597 psi Calc flush 4584 gal Actual flush 0 gal (BJ blender broke)
07/21/07	4586-4658'	Frac D sands as follows: 111055# 20/40 sand in 812 bbls Lightning 17 frac fluid Treated @ avg press of 1670 psi w/avg rate of 24.8 BPM ISIP 1770 psi Calc flush 4584 gal Actual flush 4578 gal
1-23-08		Parted rods Updated rod & tubing details
4/21/09		Pump Change Updated r & t details



PERFORATION RECORD

07/20/07	5954-5962'	4 JSPF	32 holes
07/20/07	5264-5273'	4 JSPF	36 holes
07/20/07	4737-4742'	4 JSPF	20 holes
07/20/07	4727-4732'	4 JSPF	20 holes
07/20/07	4653-4658'	4 JSPF	20 holes
07/20/07	4626-4635'	4 JSPF	36 holes
07/21/07	4586-4593'	4 JSPF	28 holes



FEDERAL 10-21-9-16
 1992'FSL & 1810' FEL
 NW/SE Section 21-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33110; Lease # UTU-74392

Federal 15-21-9-16

Spud Date: 5-16-07
Put on Production: 7-13-07

GL: 6043' KB: 6055'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (307.37')
DEPTH LANDED: 319.22' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts (5842.19')
DEPTH LANDED: 5855.44' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 128'

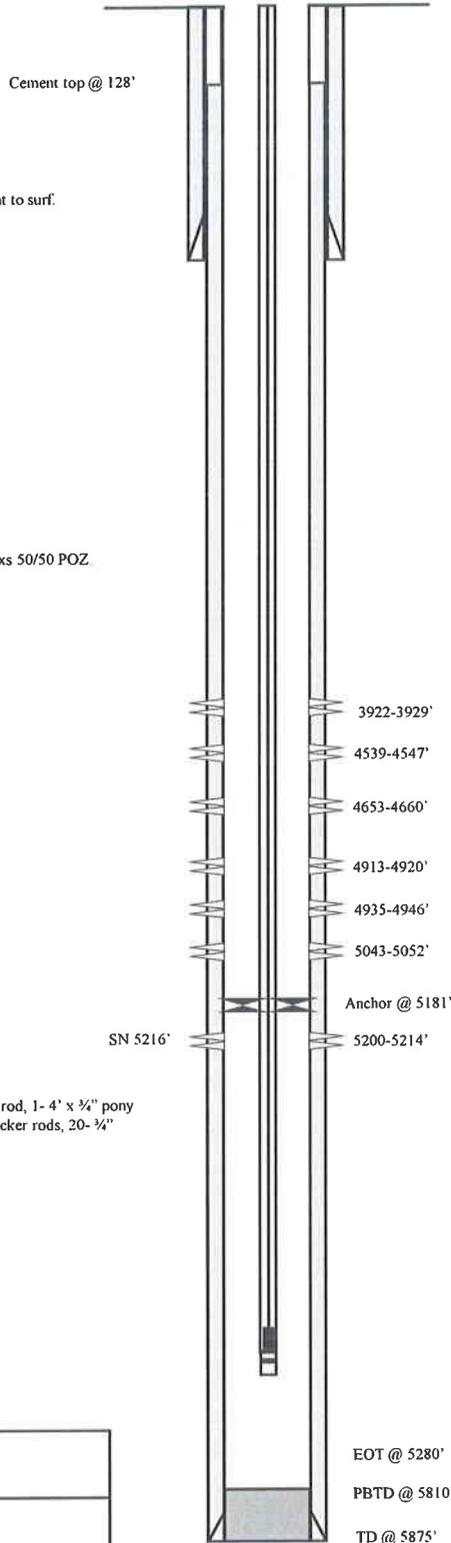
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 164 jts (5169.2')
TUBING ANCHOR: 5181.2' KB
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5215.6' KB
NO. OF JOINTS: 2 jts (63.3')
TOTAL STRING LENGTH: EOT @ 5280' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-8" x 3/4" pony rod, 1-6' x 3/4" pony rod, 1-4' x 3/4" pony rod, 1-2' x 3/4" pony rod, 99-3/4" guided rods, 82-3/4" sucker rods, 20-3/4" guided rods, 6-1 1/2" sinker bars
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 12' RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

07-05-07	5200-5214'	Frac LODC sands as follows: 49991# 20/40 sand in 493 bbls Lightning 17 frac fluid Treated @ avg press of 2442 psi w/avg rate of 24.5 BPM ISIP 2660 psi Calc flush: 5198 gal Actual flush: 4796 gal
07-06-07	5043-5052'	Frac LODC sands as follows: 44714# 20/40 sand in 452 bbls Lightning 17 frac fluid Treated @ avg press of 2384 psi w/avg rate of 24.3 BPM ISIP 2743 psi Calc flush: 5041 gal Actual flush: 4578 gal
07-06-07	4913-4946'	Frac A3 sands as follows: 80345# 20/40 sand in 626 bbls Lightning 17 frac fluid Treated @ avg press of 1776 psi w/avg rate of 24.6 BPM ISIP 2172 psi Calc flush: 4911 gal Actual flush: 4406 gal
07-06-07	4653-4660'	Frac C sand as follows: 14684# 20/40 sand in 262 bbls Lightning 17 frac fluid Treated @ avg press of 1891 w/ avg rate of 24.5 BPM ISIP 1694 psi Calc flush: 4651 gal Actual flush: 4187 gal
07-06-07	4539-4547'	Frac D1 sand as follows: 35061# 20/40 sand in 409 bbls Lightning 17 frac fluid Treated @ avg press of 1813 w/ avg rate of 24.6 BPM ISIP 1813 psi Calc flush: 4537 gal Actual flush: 3990 gal
07-07-07	3922-3929'	Frac GB2 sand as follows: 20191# 20/40 sand in 288 bbls Lightning 17 frac fluid Treated @ avg press of 1587 w/ avg rate of 24.7 BPM ISIP 1651 psi Calc flush: 3920 gal Actual flush: 3864 gal
11/11/08		Pump Change Updated rod & tubing details.
1/15/2010		Pump Change Updated rod and tubing detail
4/24/2010		Pump change Updated rod and tubing detail
10/26/10		Pump Change Rod & Tubing detail updated.

PERFORATION RECORD

06-15-07	5200-5214'	4 JSPF	56 holes
06-22-07	5043-5052'	4 JSPF	36 holes
06-22-07	4935-4946'	4 JSPF	44 holes
06-22-07	4913-4920'	4 JSPF	28 holes
06-22-07	4653-4660'	4 JSPF	28 holes
06-22-07	4539-4547'	4 JSPF	32 holes
06-22-07	3922-3929'	4 JSPF	28 holes

NEWFIELD

Federal 15-21-9-16
559' FSL & 1954' FEL
SW/SE Section 21-T9S-R16E
Duchesne Co, Utah
API # 43-013-33164; Lease # UTU-74392

FEDERAL 16-21-9-16

Spud Date: 05/07/07
 Put on Production: 07/05/07
 GL: 6027' KB: 6039'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.91')
 DEPTH LANDED: 323.76' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, 3.5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts (5887.06')
 DEPTH LANDED: 5900.31' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 328 sxs Prem. Lite II mixed & 402 sxs 50/50 POZ.
 CEMENT TOP: 244'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 /
 NO. OF JOINTS: 180 jts (5663.1')
 TUBING ANCHOR: 5675.1'
 NO. OF JOINTS: 1 jts (31.5')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5709.3'
 NO. OF JOINTS: 2 jts (61.1')
 TOTAL STRING LENGTH: EOT @ 5772'

SUCKER RODS

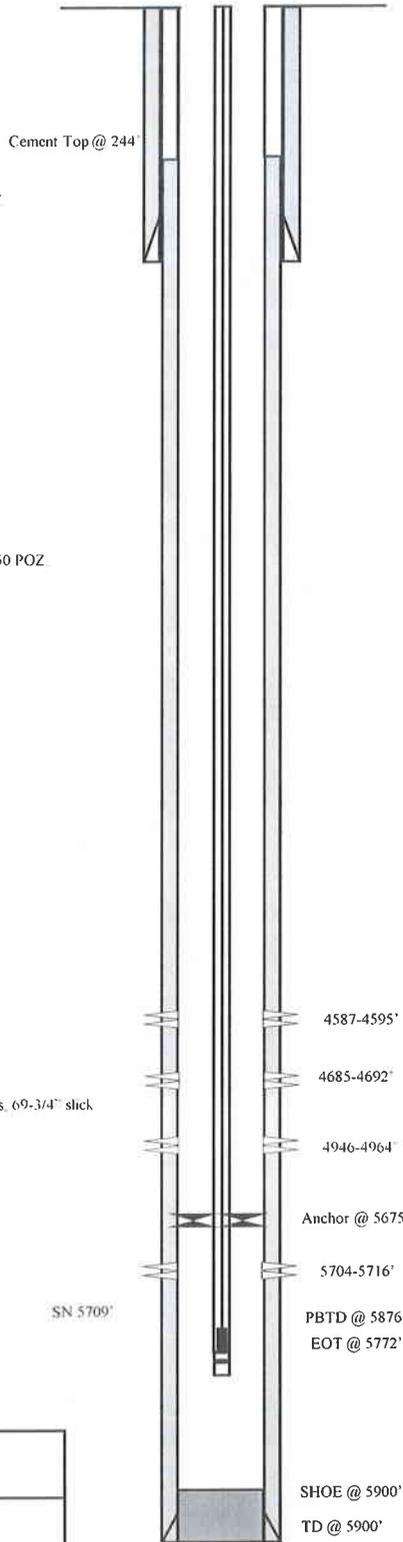
POLISHED ROD: 1-1/2" x 26' polished rod
 SUCKER RODS: 1" x 3/4" pony rods, 100-3/4" scraped rods, 69-3/4" slick rods, 53-3/4" scraped rods, 6-1/2" weight rods
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12 x 16" RHAC
 STROKE LENGTH: 86"
 PUMP SPEED: 5 SPM

FRAC JOB

06/28/07	5704-5716'	Frac CP5 sands as follows: 55584# 20/40 sand in 485 bbls Lightning 17 frac fluid. Treated @ avg press of 2306 psi w/avg rate of 24.5 BPM. ISIP 2630 psi. Calc flush 5702 gal. Actual flush: 5162 gal
06/29/07	4946-4964'	Frac A1 sands as follows: 140302# 20/40 sand in 956 bbls Lightning 17 frac fluid. Treated @ avg press of 1929 psi w/avg rate of 24.8 BPM. ISIP 2095 psi. Calc flush: 4944 gal. Actual flush: 4439 gal
06/29/07	4685-4692'	Frac C sands as follows: 24299# 20/40 sand in 323 bbls Lightning 17 frac fluid. Treated @ avg press of 1973 psi w/avg rate of 24.6 BPM. ISIP 1950 psi. Calc flush: 4683 gal. Actual flush: 4225 gal
06/29/07	4587-4595'	Frac D2 sands as follows: 72627# 20/40 sand in 606 bbls Lightning 17 frac fluid. Treated @ avg press of 1400 psi w/avg rate of 24.7 BPM. ISIP 1838 psi. Calc flush: 4585 gal. Actual flush: 4536 gal
10/16/07		Stuck Pump. Updated rod & tubign details.
05/27/08		Major Workover Rod & Tubing updated.
05/27/08	4587-4595'	Acidize D2 sands: Pump 250 gals techni-hib 767, W/ 200 gals acid, ISIP @ 1339 psi
05/27/08	4685-4692'	Acidize C sands: Pump 250 gals techni-hib 767, W/ 200 gals acid, ISIP @ 1343 psi
05/27/08	4946-4964'	Acidize A1 sands: Pump 500 gals techni-hib 767, W/ 400 gals acid, ISIP @ 1179 psi
05/27/08	5704-5716'	Acidize CP5 sands: Pump 375 gals techni-hib 767, W/ 300 gals acid, ISIP @ 2066 psi
4/23/09		Tubing Leak. Updated r & t details.
8/25/2010		Tubing Leak. Update rod and tubing details.

PERFORATION RECORD

06/28/07	5704-5716'	4 JSPF	48 holes
06/29/07	4946-4964'	4 JSPF	72 holes
06/29/07	4685-4692'	4 JSPF	28 holes
06/29/07	4587-4595'	4 JSPF	32 holes





FEDERAL 16-21-9-16

606'FSL & 831' FEL

SE/SE Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33165; Lease # UTU-74392

Federal 3-27-9-16

Spud Date: 12/15/2008
 Put on Production: 1/16/2009
 GL: 5878' KB: 5890'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (314 71')
 DEPTH LANDED: 326 56' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 6 bbls cmt to surf

PRODUCTION CASING

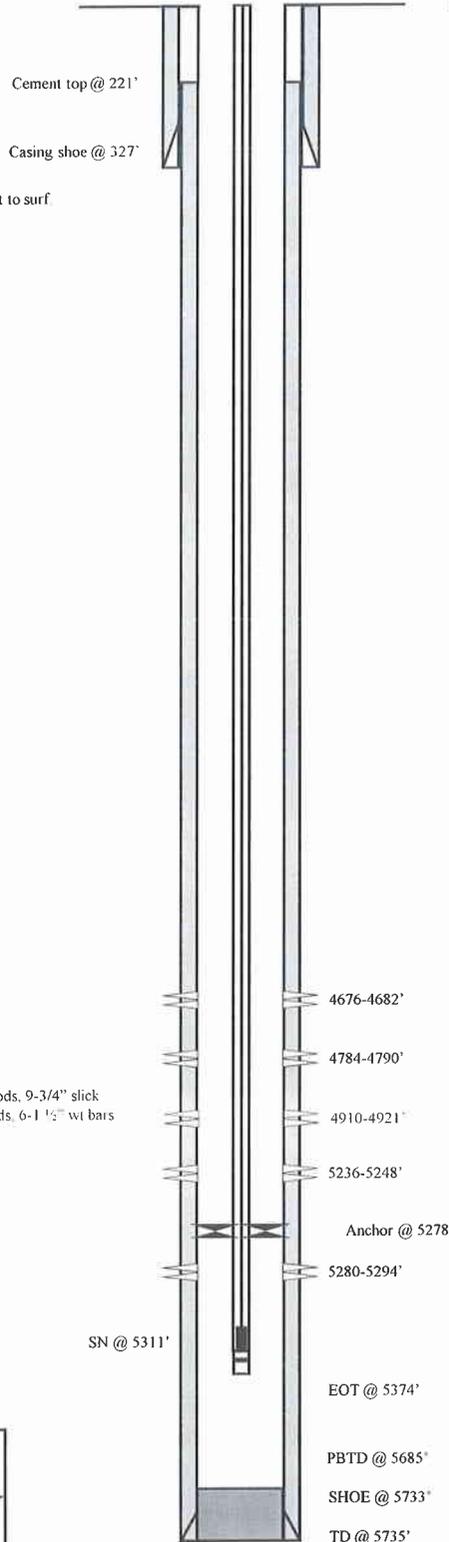
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts (5719 92')
 DEPTH LANDED: 5733 17'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 280 sx premlite and 400 sx 50/50 poz
 CEMENT TOP AT: 221'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55
 NO. OF JOINTS: 168 jts (5275 51')
 TUBING ANCHOR: 5278.31' KB
 NO. OF JOINTS: 1 jt (31 20')
 SEATING NIPPLE: 2-7/8" (1 10')
 SN LANDED AT: 5310.61' KB
 NO. OF JOINTS: 2 jts (63 22')
 TOTAL STRING LENGTH: EOT @ 5374 28'

SUCKER RODS

POLISHED ROD: 1 1/2 x 26' polish rod
 SUCKER RODS: 3/4 x 4', 6", -8' pony rods, 99-3/4" guided rods, 9-3/4" slick rods, 4-3/4" guided rods, 73-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" wt bars
 PUMP SIZE: CDI 2 1/2 x 1 1/2 x 12 x 15" RIAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5



FRAC JOB

1/13/09 5236-5294' RU BJ & frac CP sds as follows:
 59,884# 20/40 sand in 518 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1850 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2205. Actual flush: 4729 gals

1/13/09 4910-4921' RU BJ & frac stage #2 sds as follows:
 40,194# 20/40 sand in 417 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2400 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2404. Actual flush: 4468 gals

1/13/09 4784-4790' RU BJ & frac stage #3 sds as follows:
 35,105# 20/40 sand in 379 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2150 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2056. Actual flush: 4342 gals

1/14/09 4676-4682' RU BJ & frac stage #4 sds as follows:
 36,549# 20/40 sand in 404 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2148 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 1951. Actual flush: 4590 gals

3/9/09 Parted Rods. Updated r & t details.
 7/22/09 Tubing Leak. Updated rod & tubing details.

PERFORATION RECORD

Date	Interval	Tool	Holes
1/14/09	4676-4682'	4 JSPF	24 holes
1/13/09	4784-4790'	4 JSPF	24 holes
1/13/09	4910-4921'	4 JSPF	44 holes
1/13/09	5236-5248'	4 JSPF	48 holes
1/13/09	5280-5294'	4 JSPF	56 holes



Federal 3-27-9-16
 883' FNL & 1839' FWL
 NE/NW Section 27-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33352 ; Lease # UTU-74392

Federal 1-28-9-16

Spud Date: 6/1/09
 Put on Production: 7/15/09
 GL: 5966' KB: 5978'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts (313')
 DEPTH LANDED: 325'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G"

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 147 jts (5722.31')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5773'
 CEMENT DATA: 276 sk Prem Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP AT: 104'

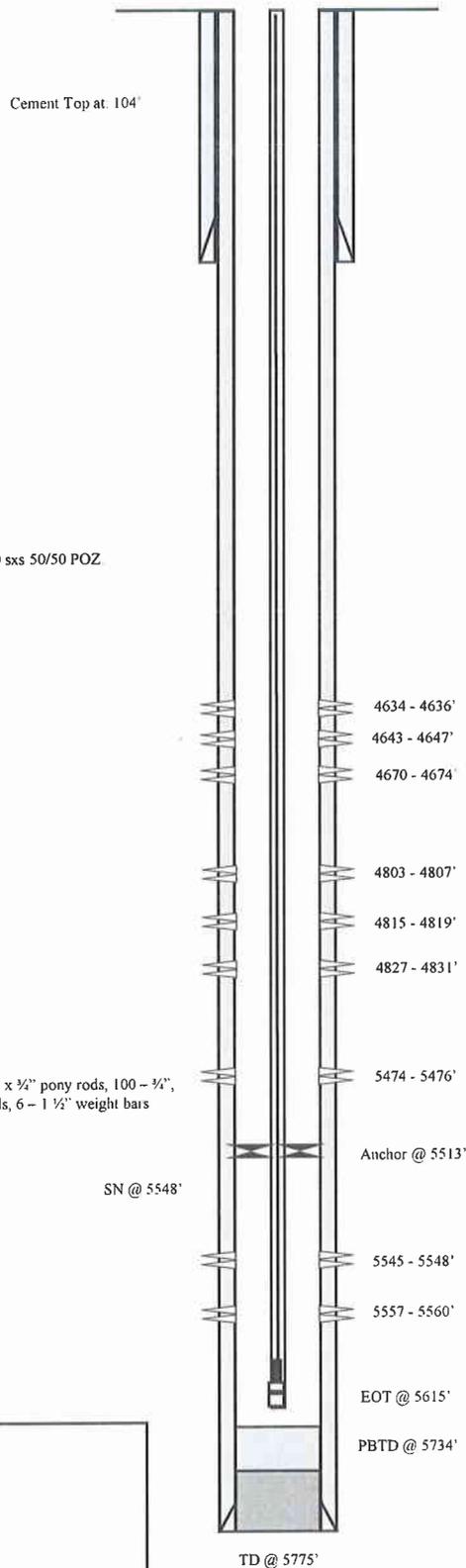
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 169 jts (5501')
 TUBING ANCHOR: 5513'
 NO. OF JOINTS: 1 jts (32.6')
 SEATING NIPLLE: 2-7/8" (1.1')
 SN LANDED AT: 5548' KB
 NO. OF JOINTS: 2 jts (65.2')
 TOTAL STRING LENGTH: EOT @ 5615'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1-2' x 3/4", 1-4' x 3/4", 1-6', 1-8' x 3/4" pony rods, 100 - 3/4", guided rods, 95 - 3/4" sucker rods, 20 - 3/4" guided rods, 6 - 1 1/2" weight bars
 PUMP SIZE: 2 1/2 x 1 1/2 x 16' RHAC pump
 STROKE LENGTH: 102"
 PUMP SPEED: SPM 5

Wellbore Diagram



FRAC JOB

7-16-09	5474 - 5560'	Frac CP4 & CP5 sands as follows: Frac with 25455# 20/40 sand in 205 bbls Lightning 17 fluid
7-16-09	4803 - 4831'	Frac A3 sands as follows: Frac with 141472# 20/40 sand in 854 bbls Lightning 17 fluid
7-16-09	4634 - 4674'	Frac B.5 & B1 sands as follows: Frac with 43299# 20/40 sand in 274 bbls Lightning 17 fluid

4634 - 4636'
 4643 - 4647'
 4670 - 4674'
 4803 - 4807'
 4815 - 4819'
 4827 - 4831'
 5474 - 5476'
 Anchor @ 5513'
 5545 - 5548'
 5557 - 5560'
 EOT @ 5615'
 PBTB @ 5734'

PERFORATION RECORD

5557 - 5560'	3 JSFP	9 holes
5545 - 5548'	3 JSFP	9 holes
5474 - 5476'	3 JSFP	6 holes
4827 - 4831'	3 JSFP	12 holes
4815 - 4819'	3 JSFP	12 holes
4803 - 4807'	3 JSFP	12 holes
4670 - 4674'	3 JSFP	12 holes
4643 - 4647'	3 JSFP	12 holes
4634 - 4636'	3 JSFP	6 holes



Federal 1-28-9-16
 894' FNL & 546' FEL NE/NE
 Section 28-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33410; Lease #UTU-74392

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **SWDIF**
Sample Point: **After production filter**
Sample Date: **12/9/2011**
Sample ID: **WA-204150**

Sales Rep: **Darren Betts**
Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	12/9/2011	Sodium (Na):	6799.09	Chloride (Cl):	10000.00
System Temperature 1 (°F):	300.00	Potassium (K):	26.10	Sulfate (SO4):	2.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	9.40	Bicarbonate (HCO3):	1024.80
System Temperature 2 (°F):	70.00	Calcium (Ca):	26.80	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	24.20	Propionic Acid (C2H5COO)	0.00
pH:	8.20	Iron (Fe):	0.47	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	17913.62	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.70	Fluoride (F):	0.00
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Gas (%):	0.00	Manganese (Mn):	0.06	Silica (SiO2):	0.00
H2S in Water (mg/L):	10.00				

Notes:

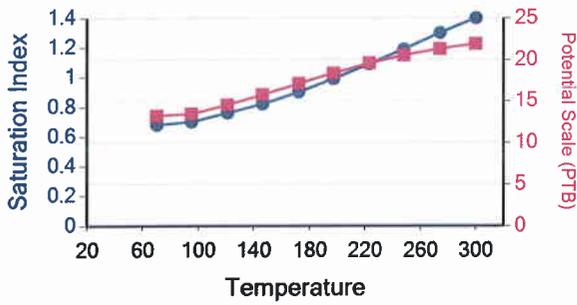
(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.68	13.26	0.21	0.60	2.60	0.26	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.70	13.48	0.00	0.00	2.38	0.26	0.78	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.76	14.55	0.00	0.00	2.24	0.26	0.91	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.82	15.79	0.00	0.00	2.16	0.26	1.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.90	17.10	0.00	0.00	2.12	0.26	1.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.99	18.39	0.00	0.00	2.12	0.26	1.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.09	19.55	0.00	0.00	2.15	0.26	1.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.19	20.54	0.00	0.00	2.21	0.26	1.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.30	21.32	0.00	0.00	2.28	0.26	1.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.40	21.90	0.00	0.00	2.36	0.26	1.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

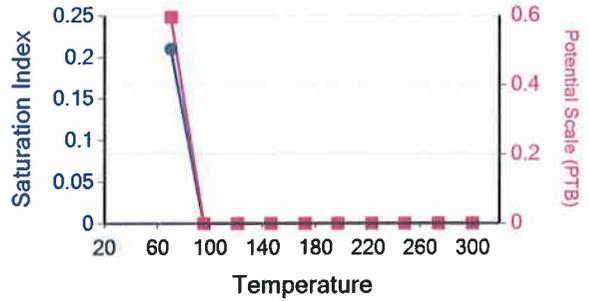
Temp (°F)	PSI	Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.59	0.28	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.28	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.76	0.28	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	0.28	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.28	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.28	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

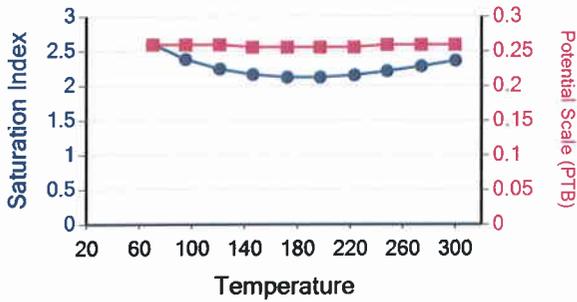
Calcium Carbonate



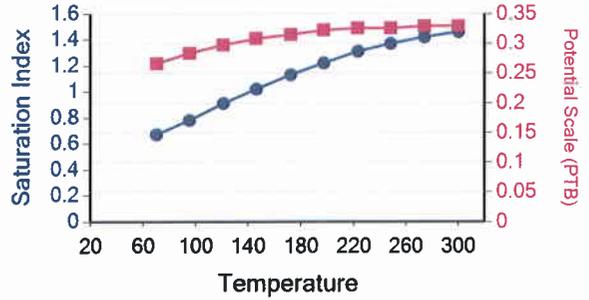
Barium Sulfate



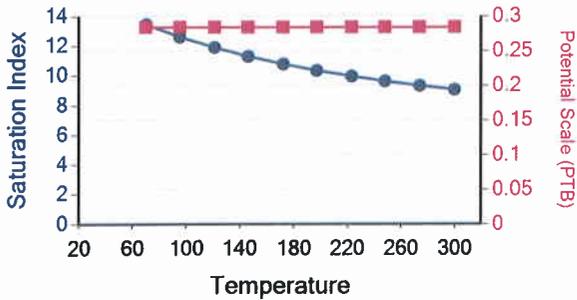
Iron Sulfide



Iron Carbonate



Lead Sulfide



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **FEDERAL 13-22-9-16**
Sample Point:
Sample Date: **1/30/2012**
Sample ID: **WA-206110**

Sales Rep: **Darren Betts**
Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	1/30/2012	Sodium (Na):	19963.23	Chloride (Cl):	29600.00
System Temperature 1 (°F):	300.00	Potassium (K):	75.00	Sulfate (SO4):	0.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	9.90	Bicarbonate (HCO3):	2293.60
System Temperature 2 (°F):	70.00	Calcium (Ca):	25.10	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.03	Barium (Ba):	1.20	Propionic Acid (C2H5COO)	0.00
pH:	9.50	Iron (Fe):	3.20	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	51972.15	Zinc (Zn):	0.64	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.04	Fluoride (F):	0.00
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Gas (%):	0.00	Manganese (Mn):	0.24	Silica (SiO2):	0.00
H2S in Water (mg/L):	15.00				

Notes:
P=19.1 mg/l

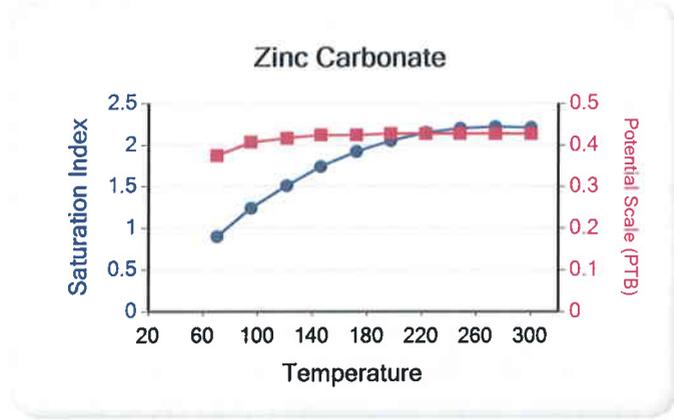
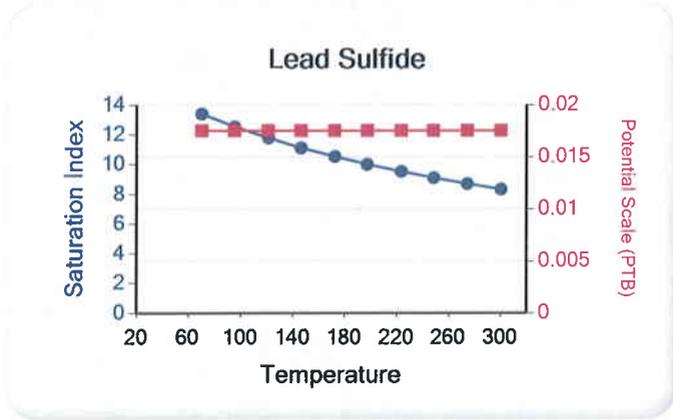
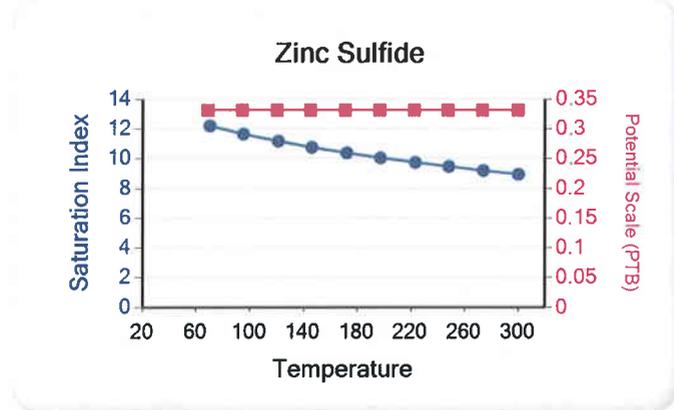
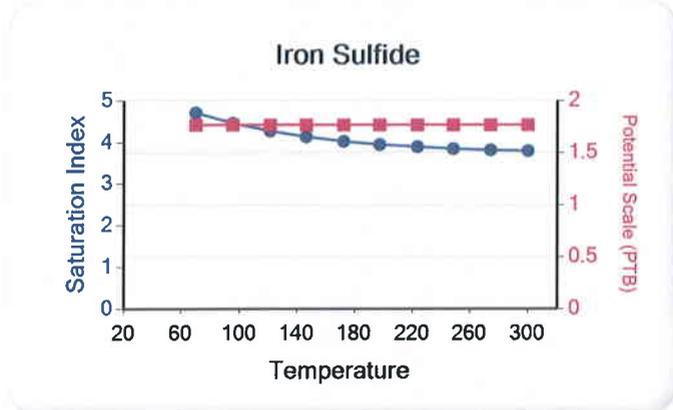
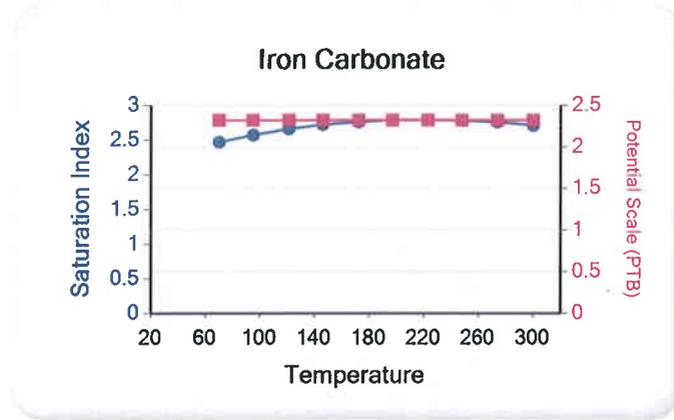
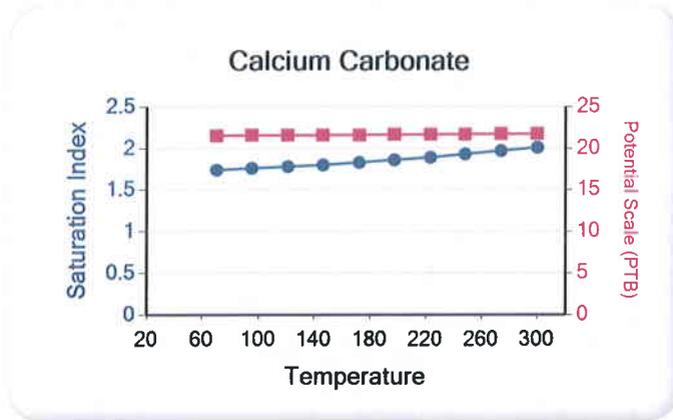
(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	1.74	21.55	0.00	0.00	4.71	1.77	2.47	2.32	0.00	0.00	0.00	0.00	0.00	0.00	12.20	0.33
95	346	1.76	21.57	0.00	0.00	4.46	1.77	2.57	2.32	0.00	0.00	0.00	0.00	0.00	0.00	11.65	0.33
121	678	1.78	21.58	0.00	0.00	4.27	1.77	2.66	2.32	0.00	0.00	0.00	0.00	0.00	0.00	11.17	0.33
146	1009	1.80	21.60	0.00	0.00	4.13	1.77	2.72	2.32	0.00	0.00	0.00	0.00	0.00	0.00	10.75	0.33
172	1341	1.83	21.63	0.00	0.00	4.02	1.77	2.76	2.32	0.00	0.00	0.00	0.00	0.00	0.00	10.38	0.33
197	1673	1.86	21.65	0.00	0.00	3.94	1.77	2.79	2.32	0.00	0.00	0.00	0.00	0.00	0.00	10.04	0.33
223	2004	1.89	21.67	0.00	0.00	3.89	1.77	2.79	2.32	0.00	0.00	0.00	0.00	0.00	0.00	9.74	0.33
248	2336	1.93	21.70	0.00	0.00	3.84	1.77	2.78	2.32	0.00	0.00	0.00	0.00	0.00	0.00	9.46	0.33
274	2668	1.97	21.72	0.00	0.00	3.81	1.77	2.76	2.32	0.00	0.00	0.00	0.00	0.00	0.00	9.19	0.33
300	3000	2.01	21.75	0.00	0.00	3.79	1.77	2.71	2.32	0.00	0.00	0.00	0.00	0.00	0.00	8.94	0.33

Temp (°F)	PSI	Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.38	13.40	0.02	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	1.24	0.41	12.53	0.02	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	1.51	0.42	11.77	0.02	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	1.74	0.42	11.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	1.92	0.42	10.52	0.02	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	2.05	0.43	9.99	0.02	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	2.15	0.43	9.51	0.02	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	2.20	0.43	9.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	2.22	0.43	8.68	0.02	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	2.21	0.43	8.31	0.02	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide



Attachment "G"

**Federal #13-22-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5662	5672	5667	2175	0.82	2138 ←
5258	5286	5272	2750	0.96	2716
5107	5136	5122	3235	1.07	3202
4928	4942	4935	2260	0.89	2228
				Minimum	<u><u>2138</u></u>

Calculation of Maximum Surface Injection Pressure
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



1 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 13-22-9-16 Report Date: 19-Jun-07 Day: 1
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 314' Prod Csg: 5 1/2" @ 5893' Csg PBTD: 5802' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone CP5 sds, Perfs 5662-5672', SPF/#shots 4/40

CHRONOLOGICAL OPERATIONS

Date Work Performed: 18-Jun-07 SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5802' & cement top @ 60' Perforate stage #1. CP5 sds @ 5662-5672' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 139 BWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 139 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 139 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:
Company:
Procedure or Equipment detail:

COSTS

Table with 2 columns: Item, Cost. Items include Weatherford BOP (\$450), NPC NU crew (\$300), NDSI trucking (\$800), Perforators LLC (\$5,715), Drilling cost (\$325,000), Zubiata hot oil (\$471), Location preparation (\$300), NPC wellhead (\$1,500), Benco - anchors (\$1,200), Admin. Overhead (\$3,000), NPC Supervisor (\$300)

Max TP: Max Rate: Total fluid pmpd:
Avg TP: Avg Rate: Total Prop pmpd:
ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Orson Barney

DAILY COST: \$339,036
TOTAL WELL COST: \$339,036



2 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 13-22-9-16 **Report Date:** 20-Jun-07 **Day:** 2a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 314' **Prod Csg:** 5 1/2" @ 5893' **Csg PBTD:** 5802' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
			<u>CP5 sds</u>	<u>5662-5672'</u>	<u>4/40</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Jun-07 **SITP:** _____ **SICP:** 62 psi

Day 2a.
 RU BJ Services. 62 psi on well. Frac CP5 sds w/ 41,156#'s of 20/40 sand in 409 bbls of Lightning 17 fluid. Broke @ 3577 psi. Treated w/ ave pressure of 1991 psi @ ave rate of 21.8 BPM. Pumped 504 gals of 15% HCL in flush fo Stage #2. ISIP 2175 psi. Leave pressure on well. 548 BWTR. See Day 2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 139 **Starting oil rec to date:** _____
Fluid lost/recovered today: 409 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 548 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: CP5 sands
504 gals to breakdown & get crosslink.
3200 gals of pad
2500 gals W/ 1-5 ppg of 20/40 sand
5295 gals W/ 5-8 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 5158 gals of slick water

COSTS

<u>BJ Services-CP5</u>	<u>\$22,135</u>
<u>CD wtr & trucking</u>	<u>\$748</u>
<u>D&M hot oil</u>	<u>\$260</u>
<u>Weatherford tools/serv</u>	<u>\$1,250</u>
<u>NPC trucking</u>	<u>\$300</u>
<u>NPC supervision</u>	<u>\$75</u>

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 2336 **Max Rate:** 24.9 BPM **Total fluid pmpd:** 409 bbls
Avg TP: 1647 **Avg Rate:** 21.8 BPM **Total Prop pmpd:** 41,156#'s
ISIP: 2175 **5 min:** _____ **10 min:** _____ **FG:** .82

Completion Supervisor: Orson Barney

DAILY COST: \$24,768
TOTAL WELL COST: \$363,804



DAILY COMPLETION REPORT

WELL NAME: Federal 13-22-9-16 **Report Date:** 20-Jun-07 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 314' **Prod Csg:** 5 1/2" @ 5893' **Csg PBTD:** 5802' WL
Tbg: Size: _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5390'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone CP5 sds	Perfs	SPF/#shots
				5662-5672'	4/40
LODC	5258-5264'	4/24			
LODC	5274-5286'	4/48			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Jun-07 **SITP:** _____ **SICP:** 1736 psi

Day 2b.
 RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' & 6' per gun. Set plug @ 5390'. Perforate LODC sds @ 5274- 86', 5258- 64' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 72 shots. RU BJ Services. 1736 psi on well. Frac LODC sds w. 79,611#'s of 20/40 sand in 602 bbls of Lightning 17 fluid. Broke @ 3527 psi. Treated w/ ave pressure of 2528 psi @ ave rate of 21.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2750 psi. Leave pressure on well 1150 BWTR. See Day 2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 548 **Starting oil rec to date:** _____
Fluid lost/recovered today: 602 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1150 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services

BJ Services-LODC	\$16,332
CD wtr & trucking	\$1,496
D&M hot oil	\$520
Weatherford tools/serv	\$2,450
Perforators LLC.	\$4,598
NPC supervision	\$75

Procedure or Equipment detail: LODC sands

 6000 gals of pad
 4000 gals W/ 1-5 ppg of 20/40 sand
 8000 gals W/ 5-8 ppg of 20/40 sand
 1979 gals W/ 8 ppg of 20/40 sand
 Flush W/ 504 gals of 15% HCL acid
 Flush W/ 4788 gals of slick water

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 2840 **Max Rate:** 24.8 BPM **Total fluid pmpd:** 602 bbls
Avg TP: 2528 **Avg Rate:** 24.7 BPM **Total Prop pmpd:** 79,611#'s
ISIP: 2750 **5 min:** _____ **10 min:** _____ **FG:** .96

Completion Supervisor: Orson Barney

DAILY COST: \$25,471
TOTAL WELL COST: \$389,275



DAILY COMPLETION REPORT

WELL NAME: Federal 13-22-9-16 **Report Date:** 20-Jun-07 **Day:** 2c
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 314' **Prod Csg:** 5 1/2" @ 5893' **Csg PBTD:** 5802' WL
Tbg: Size: Wt: **Grd:** Pkr/EOT @: **BP/Sand PBTD:** 5200'
BP: 5390'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone CP5 sds	Perfs 5662-5672'	SPF/#shots 4/40
LODC	5107-5115'	4/32			
LODC	5128-5136'	4/32			
LODC	5258-5264'	4/24			
LODC	5274-5286'	4/48			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Jun-07 **SITP:** SICP: 1176 psi

Day 2c.
 RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 8' & 8' perf gun Set plug @ 5200'. Perforate LODC sds @ 5128- 36', 5107- 15' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92' pen, EXP-3319-331 Titan) w/ 4 spf for total of 64 shots. RU BJ Services. 1176 psi on well. Pressured up to 4200 psi Would not breakdown. RU WL & dump bail acid. Frac LODC sds w/ 55,106#'s of 20/40 sand in 451 bbls of Lightning 17 fluid. Broke @ 3388 psi. Treated w/ ave pressure of 2838 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 3235 psi. Leave pressure on well. 1601 BWTR. See Day 2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1150 **Starting oil rec to date:** _____
Fluid lost/recovered today: 451 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1601 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: LODC sands

COSTS

BJ Services-LODC	\$11,782
CD wtr & trucking	\$1,012
D&M hot oil	\$352
Weatherford tools/serv	\$2,450
Perforators LLC.	\$4,087
NPC supervision	\$75

4400 gals of pad
 2944 gals W/ 1-5 ppg of 20/40 sand
 5872 gals W/ 5-8 ppg of 20/40 sand
 602 gals W/ 8 ppg of 20/40 sand
 Flush W/ 504 gals of 15% HCL acid
 Flush W/ 4620 gals of slick water

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 3326 **Max Rate:** 24.9 BPM **Total fluid pmpd:** 451 bbls
Avg TP: 2838 **Avg Rate:** 24.7 BPM **Total Prop pmpd:** 55,106#'s
ISIP: 3235 **5 min:** _____ **10 min:** _____ **FG:** 1.07

Completion Supervisor: Orson Barney

DAILY COST: \$19,758
TOTAL WELL COST: \$409,033



DAILY COMPLETION REPORT

WELL NAME: Federal 13-22-9-16 **Report Date:** 20-Jun-07 **Day:** 2d
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 314' **Prod Csg:** 5 1/2" @ 5893' **Csg PBTD:** 5802' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5020'
BP: 5200' 5390'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	4928-4942'	4/56	CP5 sds	5662-5672'	4/40
LODC	5107-5115'	4/32			
LODC	5128-5136'	4/32			
LODC	5258-5264'	4/24			
LODC	5274-5286'	4/48			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Jun-07 **SITP:** _____ **SICP:** 984 psi

Day 2d.

RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 14' perf gun. Se plug @ 5020'. Perforate A1 sds @ 4928- 42' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. RU BJ Services. 984 psi on well. Frac A1 sds w/ 59,043#'s of 20/40 sand in 475 bbls of Lightning 17 fluid. Broke @ 3524 psi. Treated w/ ave pressure of 1937 psi @ ave rate of 24.7 BPM. ISIP 2260 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 2 hrs & died. Rec. 120 BTF. SIWFN w/ 1956 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1601 **Starting oil rec to date:** _____
Fluid lost/recovered today: 355 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1956 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 **Job Type:** Sand frac

Company: BJ Services

Procedure or Equipment detail: A1 sands

- 4600 gals of pad
- 3000 gals W/ 1-5 ppg of 20/40 sand
- 6000 gals W/ 5-8 ppg of 20/40 sand
- 1457 gals W/ 8 ppg of 20/40 sand
- Flush W/ 4872 gals of slick water

BJ Services-A1	\$19,456
CD wtr & trucking	\$1,144
D&M hot oil	\$398
Weatherford tools/serv	\$2,450
Perforators LLC.	\$3,576
NPC supervision	\$75
NPC welding/labor	\$13,500
NPC sfc equipment	\$130,000
NDSI wtr disposal	\$3,500
Unichem chemicals	\$400
Monks pit reclaim	\$1,800
NPC location cleanup	\$300
Mt West sanitation	\$300

Max TP: 2185 **Max Rate:** 24.9 BPM **Total fluid pmpd:** 475 bbls

Avg TP: 1937 **Avg Rate:** 24.7 BPM **Total Prop pmpd:** 59,043#'s

ISIP: 2260 **5 min:** _____ **10 min:** _____ **FG:** .89

Completion Supervisor: Orson Barney

DAILY COST: \$176,899
TOTAL WELL COST: \$585,932

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4878'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 172' balance plug using 19 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 ½" casing to 354'

The approximate cost to plug and abandon this well is \$42,000.

Federal 13-22-9-16

Spud Date: 5-9-2007
 Put on Production: 6-25-2007
 GL: 5994' KB: 6006'

Initial Production: BOPD,
 MCFD, BWPD

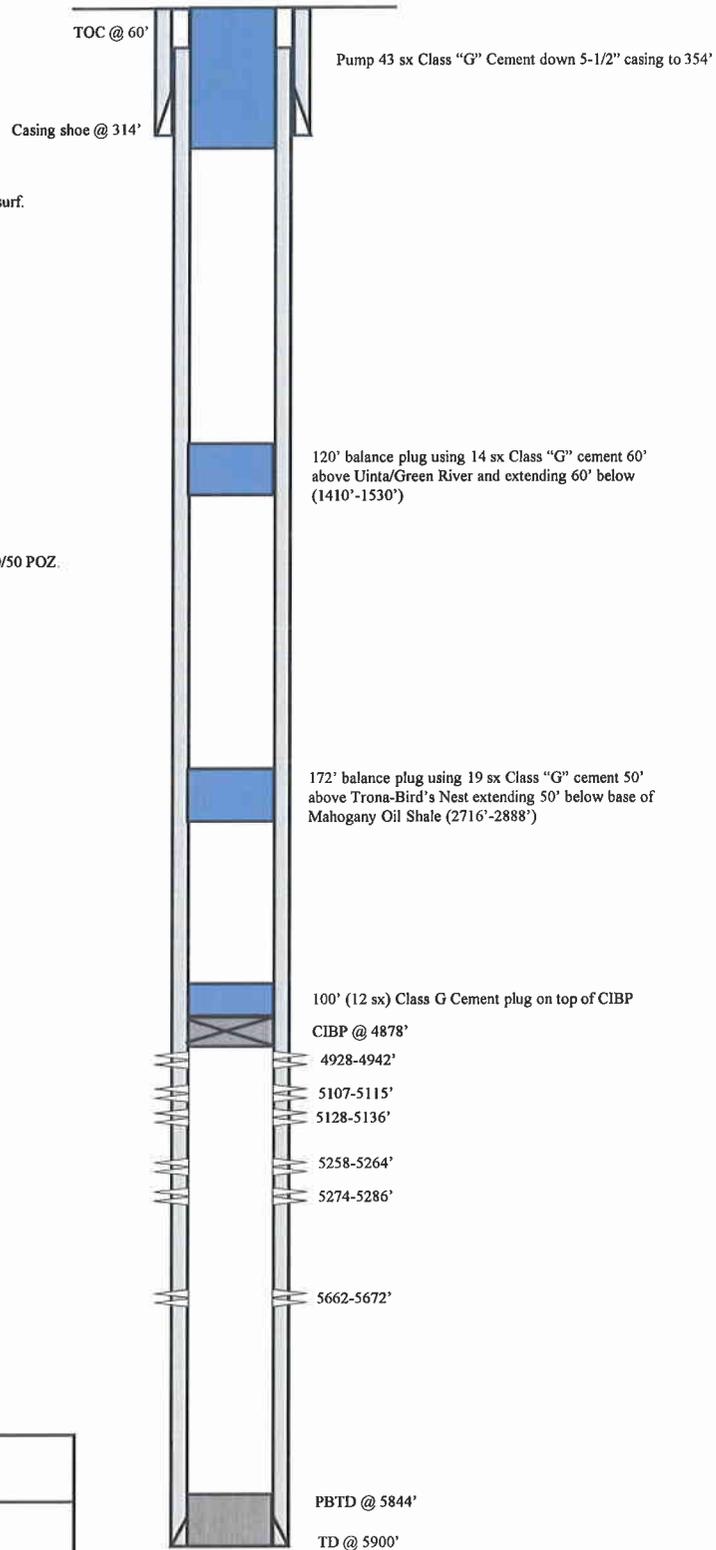
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.02')
 DEPTH LANDED: 313.87' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts (5879.22')
 DEPTH LANDED: 5892.47' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 60'




<p>Federal 13-22-9-16 906' FSL & 702' FWL SW/SW Section 22-T9S-R16E Duchesne Co, Utah API # 43-013-33148; Lease # UTU-74392</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
906 FSL 702 FWL
SWSW Section 22 T9S R16E

5. Lease Serial No.
USA UTU-74392

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 13-22-9-16

9. API Well No.
4301333148

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

11. County or Parish, State
DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____	

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

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jill Loyle	Title Regulatory Technician
Signature 	Date 03/23/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

Send Payments to:
 Uintah Basin Standard
 268 S 200 E
 Roosevelt, Utah 84066

Phone: 435-722-5131
 Fax: 435-722-4140



Invoice Number Invoice Date

29586 4/17/2012

Advertiser No. Invoice Amount Due Date

2080 \$161.05 5/17/2012

DIVISION OF OIL GAS & MINING
 Rose Nolton
 1594 W. N.TEMPLE STE 121
 PO BOX 145801
 SALT LAKE CITY, UT 84114-5801

RECEIVED
 APR 20 2012
 DIV. OF OIL, GAS & MINING

1 1/2% fee will be charged to all
 past due balances.

Amount Enclosed

Please detach top portion and return with your payment.

INVOICE

Uintah Basin Standard		DIVISION OF OIL GAS & MINING		Invoice No. 29586	4/17/2012
Date	Order	Description	Ad Size	SubTotal	Amount
4/17/2012	14839 UBS	UBS Legal Notice: Notice of Agency Action: Newfield UIC 390 Pub. April 17, 2012			\$161.05
				Sub Total:	\$161.05
Total Transactions: 1				Total:	\$161.05

SUMMARY Advertiser No. 2080 Invoice No. 29586

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

2250 | REB | GG UIC ADMIN | GF12 | 6131

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 17 day of April, 2012, and that the last publication of such notice was in the issue of such newspaper dated the 17 day of April, 2012, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Kevin Ashby
Publisher

Subscribed and sworn to before me on this

18 day of April, 2012

by Kevin Ashby.

Bonnie Parrish
Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-390

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE EN-

19, Township 9 South, Range 16 East
API 43-013-33162
Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East

API 43-013-33148
Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East

API 43-013-33085
Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East

API 43-013-33340
Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East

API 43-013-33352
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone (801) 528-

Book ;
Appliance
Antique
FAVORITE
Hair S
Fitness I
Family P
Eyec
Dent
Chiropr
Barber
FAVO

NOMINAT

IN FREE

PRST

TO NO

INTA

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley Federal 12-23-9-15 well located in NW/4 SW/4, Section 23, Township 9 South, Range 15 East
API 43-013-32830
Ashley Federal 10-24R-9-15 well located in NW/4 SE/4, Section 24, Township 9 South, Range 15 East
API 43-013-15781
Ashley Federal 14-24-9-15 well located in SE/4 SW/4, Section 24, Township 9 South, Range 15 East
API 43-013-32821
Ashley Federal 16-24-9-15 well located in SE/4 SE/4, Section 24, Township 9 South, Range 15 East
API 43-013-32944
Ashley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Township 9 South, Range 15 East
API 43-013-32884
Ashley Federal 4-26-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East
API 43-013-32900
Monument Federal 33-6-9-16Y well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East
API 43-013-31589
Federal 11-13-9-16 well located in NE/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32652
Federal 15-19-9-16 well located in SW/4 SE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33162
Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33148
Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33085
Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33340
Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East
API 43-013-33352

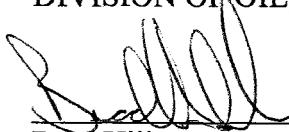
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of April, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read 'Brad Hill', is written over a horizontal line.

Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 12-23-9-15, ASHLEY FEDERAL 10-24R-9-15, ASHLEY FEDERAL 14-24-9-15,
ASHLEY FEDERAL 16-24-9-15, ASHLEY FEDERAL 4-25-9-15, ASHLEY FEDERAL 4-26-9-15,
MONUMENT FEDERAL 33-6-9-16Y, FEDERAL 11-13-9-16, FEDERAL 15-19-9-16, FEDERAL 13-22-9-16,
FEDERAL 7-24-9-16, FEDERAL 11-24-9-16, FEDERAL 3-27-9-16**

Cause No. UIC-390

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

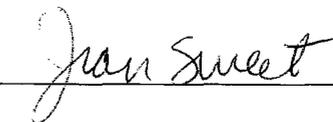
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail legals@ubstandard.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078





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

April 10, 2012

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-390

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 4/11/2012 10:09 AM
Subject: Legal Notice
Attachments: OrderConf.pdf

AD# 783810
Run Trib/DNews - 4/14
Cost \$293.96
Thank you
Mark

Order Confirmation for Ad #0000783810-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	██████████	Payor Account	██████████
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BO SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
Email	earlenerussell@utah.gov	Jeon	mfulltz

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

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- Greater Monument Butte Unit
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API 43-013-32630
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API 43-013-15781
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API 43-013-32881
- Ashley Federal 16-24-9-15 well located in SE/4 SE/4, Section 24, Township 9 South, Range 15 East
API 43-013-32944
- Ashley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Township 9 South, Range 15 East
API 43-013-32884
- Ashley Federal 4-26-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East
API 43-013-32900
- Monument Federal 33-6-9-16Y well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East
API 43-013-31589
- Federal 11-13-9-16 well located in NE/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32652
- Federal 15-19-9-16 well located in SW/4 SE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33162
- Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33148
- Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33085
- Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33340
- Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East
API 43-013-33352

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company. Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of April, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
783810

UPAXLP

Total Amount	\$293.96			
Payment Amt	\$0.00			
Amount Due	\$293.96	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	UIC-390	
Confirmation Notes:				
Text:	Jean			
Ad Type	Ad Size	Color		
Legal Liner	2.0 X 86 Li	<NONE>		

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	04/14/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	04/14/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	04/14/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	04/14/2012	



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 10, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-390

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-390

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 4/12/2012 12:15 PM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-390

On 4/10/2012 1:40 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

Hello. It will be in the April 17th edition.
Thank you,
Cindy

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	4/16/2012

APR 26 2012

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE#
8015385340	0000783810 /
SCHEDULE	
Start 04/14/2012	End 04/14/2012
CUST. REF. NO.	
UIC-390	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES	
SIZE	
86 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGE
TOTAL COST	
293.96	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-390

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API 43-013-32884
Ashley Federal 4-26-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East
API 43-013-32900
Monument Federal 33-6-9-16Y well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East
API 43-013-31589
Federal 11-13-9-16 well located in NE/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32652
Federal 15-19-9-16 well located in SW/4 SE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33162
Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33148
Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33085
Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33340
Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East
API 43-013-33352

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 16th day of April, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager
783810

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES, CAUSE NO. UIC-390 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER P UTAHLEGALS.COM INDEFINATELY.

Start 04/14/2012

End 04/14/2012

PUBLISHED ON

SIGNATURE

[Signature]

4/16/2012

VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581489
My Commission Expires
January 17 2014

[Signature: Virginia Craft]

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"

PLEASE PAY FROM BILLING STATEMENT

2250/REB/CGVICADYMIN/6#12/6131



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

May 3, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 13-22-9-16, Section 22, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33148

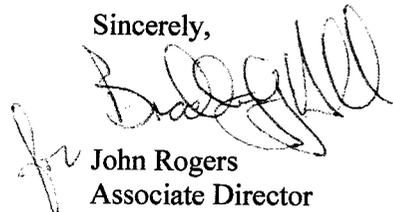
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,845 feet in the Federal 13-22-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,



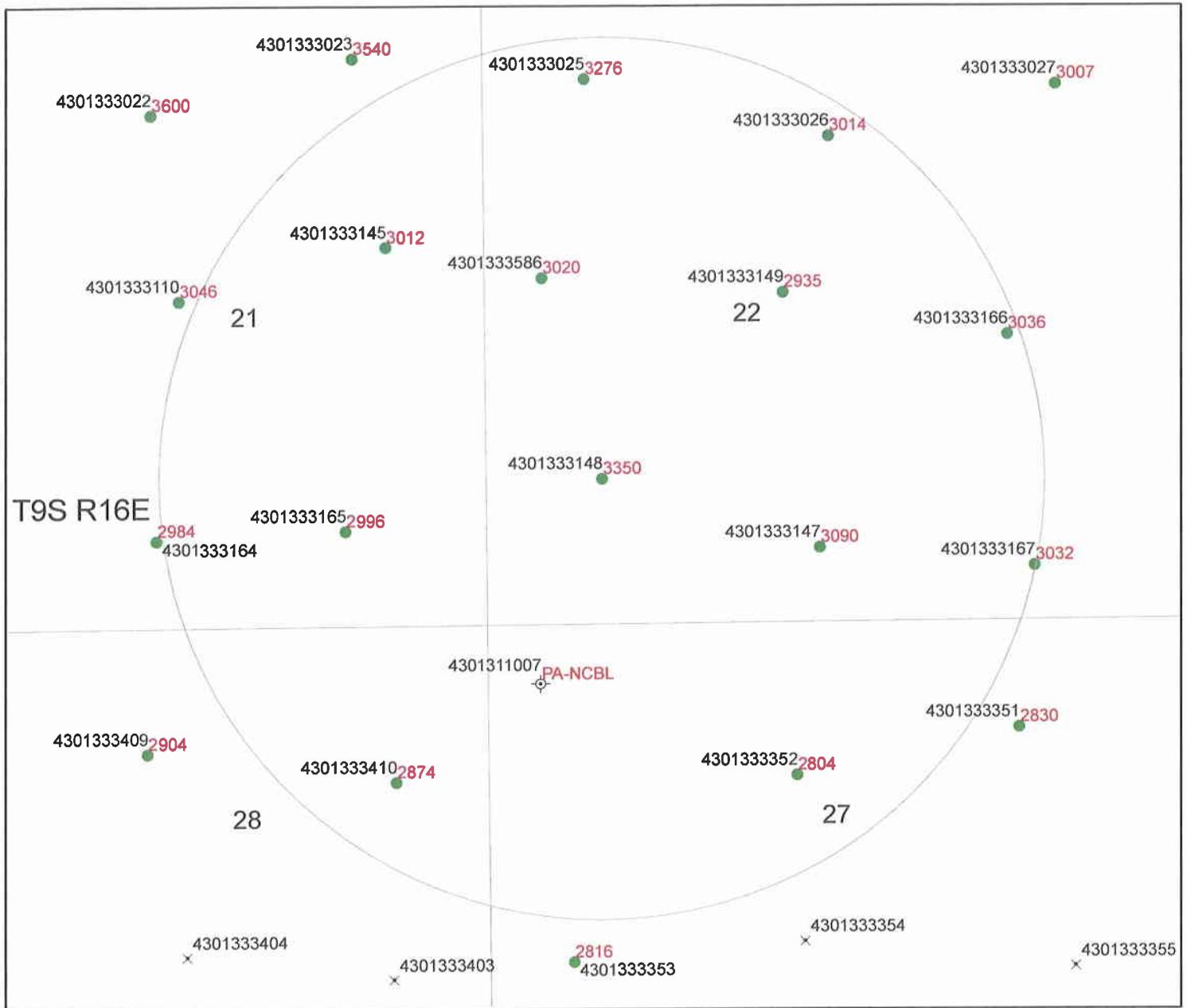
John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Cement Bond Tops
 FEDERAL 13-22-9-16
 API #43-013-33148
 UIC 390.4

Legend

- | | |
|---|---|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_51 | PGW |
| SGID93.ENERGY.DNROilGasWells | POW |
| GIS_STAT_TYPE | RET |
| APD | SGW |
| DRL | SOW |
| GIW | TA |
| GSW | TW |
| LA | WDW |
| LOC | WIW |
| OPS | WSW |
| PA | SGID93.BOUNDARIES.Counties |
| | • SGID93_ENERGY.DNROilGasWells_HDBottom |
| | — SGID93_ENERGY.DNROilGasWells_HDPath |
| | • Wells-CbltopsMaster03_20_12 |



**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 13-22-9-16

Location: 22/9S/16E **API:** 43-013-33148

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 314 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,892 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,350 feet. A 2 7/8 inch tubing with a packer will be set at 4,878 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 12 producing wells in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1600 feet. Injection shall be limited to the interval between 3,845 feet and 5,844 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 13-22-9-16 well is 0.82 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,138 psig. The requested maximum pressure is 2,138 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 13-22-9-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 4/6/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392	
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 13-22-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331480000
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: 0906 FSL 0702 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 22 Township: 09.0S Range: 16.0E Meridian: S	
COUNTY: DUCHESNE	
STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/4/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="New Perforations"/>

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

The subject well has been converted from a producing oil well to an injection well on 11/28/2012. New intervals perforated, C sands - 4680-4684 3 JSPF & D1 sands - 4521-4526 3 JSPF . On 12/03/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/04/2012 the casing was pressured up to 1590 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 600 psig during the test. There was an State representative available to witness the test - Chris Jensen.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 December 10, 2012

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/10/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Chris Jensen Date 12/4/12 Time 11:30 am pm
Test Conducted by: R. By
Others Present: _____

Well: Fidom 13-22-9-11 Field: Monument Butte
Well Location: Fidom 13-22-9-11 API No: 4301315791

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1590</u>	psig
5	<u>1590</u>	psig
10	<u>1590</u>	psig
15	<u>1590</u>	psig
20	<u>1590</u>	psig
25	<u>1590</u>	psig
30 min	<u>1590</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

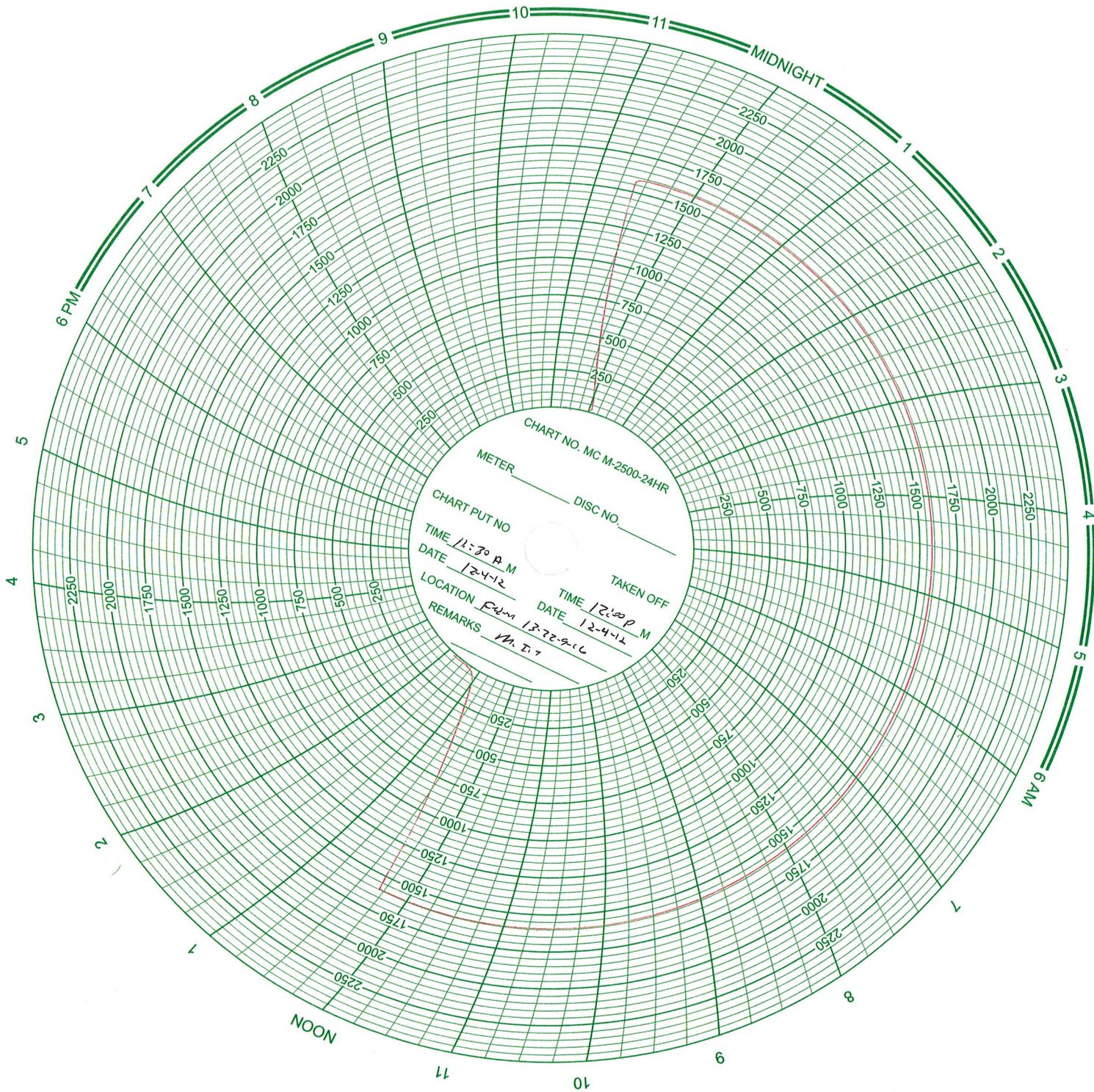
Tubing pressure: 600 psig

Result: Pass Fail

Signature of Witness:

Signature of Person Conducting Test:

Chris Jensen
R. By



Daily Activity Report

Format For Sundry

FEDERAL 13-22-9-16**9/1/2012 To 1/30/2013****11/19/2012 Day: 1****Conversion**

NC #1 on 11/19/2012 - MI NC#1,Wt On Benco To Pull Tst Anchors,Flush Tbg W/60 BW,No Tst HIT,POOH W/-Polish Rod, 3/4X2'-4'-6'-8' Ponys, 99-3/4 4 Per, 52- 3/4 Slick, SWI, C/SDFN. - 8:30AM Move In NC#1,Wt On Benco to Pull Test Guyline Anchors.12;30PM R/U NC#1.R/D Unit,BMW H/Oiler pmp 60 BW D/Tbg, No Test HIT. POOH L/D 1 1/2X26' Polish Rod,3/4X2'-4'-6'-8' Ponys, 99- 3/4 4 Per, 52- 3/4 Slick, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 8:30AM Move In NC#1,Wt On Benco to Pull Test Guyline Anchors.12;30PM R/U NC#1.R/D Unit,BMW H/Oiler pmp 60 BW D/Tbg, No Test HIT. POOH L/D 1 1/2X26' Polish Rod,3/4X2'-4'-6'-8' Ponys, 99- 3/4 4 Per, 52- 3/4 Slick, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl.

Daily Cost: \$0**Cumulative Cost:** \$7,423**11/20/2012 Day: 2****Conversion**

NC #1 on 11/20/2012 - pooh l/d remndr of rod prod,n/u bop,pooh w/-tbg prod,l/d remndr of tbg prod & BHA,Rih w/-bit bit sub 80 jts tbg EOB @ 2526',swi,c/sdfn. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler FlushTbg W/- 30 BW, POOH L/D 48- 3/4 Slick, 20- 3/4 4 Per, 1-1"X4' Stblzr,6- 1 1/2 Wt Bars & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil.Found Barrel Split out on pmp. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-142 Jts Tbg In Derrick Breaking & Redoping Tool Jts, L/D 37 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N/C On Float. Flushed tbg W/-60 BW On TOOH Due To Oil. RIH W/-4 3/4 Bit, Bit Sub, 40 Jts Tbg, EOB @ 2526', SWI, 5:00AM C/SDFN, 5:00-5:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler FlushTbg W/- 30 BW, POOH L/D 48- 3/4 Slick, 20- 3/4 4 Per, 1-1"X4' Stblzr,6- 1 1/2 Wt Bars & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil.Found Barrel Split out on pmp. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-142 Jts Tbg In Derrick Breaking & Redoping Tool Jts, L/D 37 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N/C On Float. Flushed tbg W/-60 BW On TOOH Due To Oil. RIH W/-4 3/4 Bit, Bit Sub, 40 Jts Tbg, EOB @ 2526', SWI, 5:00AM C/SDFN, 5:00-5:30PM C/Trvl.

Daily Cost: \$0**Cumulative Cost:** \$15,337**11/21/2012 Day: 3****Conversion**

NC #1 on 11/21/2012 - h/o csg w/60 bw,pooh w/tbg & bit,perf zne C/sand zne D1,Rih w/-5 1/2 ts plg,hd pkr,n-80 tbg,set plg @ 4740',pooh w/-1 jt set pkr @ 4703',fill tbg,p/tst tools to 2,000 psi,good tst,rel pkr,pooh to EOP @ 4645',swi,c/sdfn. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 60 BW D/Csg, POOH W/-80 Jts Tbg, Bit Sub & Bit. R/U Extreme Wire line RIH Perf Zone C Sand @ 4680'-4684', Zone D1 @ 4521'-4526', R/D Wire Line Aftr Perf, P/U & RIH W/-5 1/2 TS Plg, Ret HD, 2 3/8X4' Tbg Sub, 5 1/2 HD Pkr, 150 Jts Tbg, Set Plg @ 4740', POOH W/-1 Jt Tbg Set Pkr @ 4703',R/U R/pmp Fill Tbg W/-2 BW, P/Test Tbg & Tools To 2,000 Psi, Good Test, POOH W/-2 Jts Tbg EOP @ 4645', SWI, 2:00PM C/SDFN, 2:00PM-2:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU BMW H/Oiler pmp 60 BW D/Csg, POOH W/-80 Jts Tbg, Bit Sub & Bit. R/U Extreme Wire line RIH Perf Zone C Sand @ 4680'-4684', Zone D1 @ 4521'-4526', R/D Wire Line Aftr Perf, P/U & RIH W/-5 1/2 TS Plg, Ret HD, 2 3/8X4' Tbg Sub, 5 1/2 HD Pkr, 150 Jts Tbg, Set Plg @ 4740', POOH W/-1 Jt Tbg Set Pkr @ 4703',R/U R/pmp Fill Tbg W/-2 BW, P/Test Tbg & Tools To 2,000 Psi, Good Test, POOH W/-2 Jts Tbg EOP @ 4645', SWI, 2:00PM C/SDFN, 2:00PM-2:30PM C/Trvl. **Finalized**

Daily Cost: \$0
Cumulative Cost: \$24,310

11/26/2012 Day: 4**Conversion**

NC #1 on 11/26/2012 - owu,set pkr,frac zne c/sand,R/d BJ Aftr frac,flowed 85 bw,c/w/c,rel pkr,Rih curc plg cln,rel plg,pooH reset plg @ 4554',pooH eop @ 4489',swi, c/sdfn. - MIRU Baker frac equip, Test lines to 7300 psi, Fill csg w/ 5 bbls, Fill tbg w/ 1.6 bbls, Break Down C-sand formation @ 3223 psi, w/3.7 bbls @ 2.2 bpm, Pump 65.3 bbls to get to rate & acid on formation, Pump 15 bbls to get X-link, Pumped 47.6 bbls 1-2# sand (ramped), Pumped 71.1 bbls 2-4# sand (ramped), Flushed w/ 27.6 bbls fresh water, Max psi 6103, Avg. psi 4855, Max rate 18.9 bpm, Avg. rate 10.5 bpm, ISIP 1635, F.G. .78, 11,774# sand pumped in formation, 225.8 total bbls pumped. - RU flow back equip, Open well on 20 choke @ 1635 psi, Flow back 85 bbls fluid. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Wt On BJ Frac Crew. Set Pkr @ 4641',R/U R/pmp Fill Csg W/-5 BW. R/U BJ To Frac Zone C/Sand, R/D BJ Aftr Frac, OWU To Flow Back, Flowed 85 BW, R/U R/pmp, Rel Pkr, Curc Well Cln, RIH To Plg @ 4740', Curc Plg Cln, Rel Plg, POOH W/-6 Jts Tbg, Reset Plg @ 4554', POOH W/-2 Jts Tbg EOP @ 4489', SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Wt On BJ Frac Crew. Set Pkr @ 4641',R/U R/pmp Fill Csg W/-5 BW. R/U BJ To Frac Zone C/Sand, R/D BJ Aftr Frac, OWU To Flow Back, Flowed 85 BW, R/U R/pmp, Rel Pkr, Curc Well Cln, RIH To Plg @ 4740', Curc Plg Cln, Rel Plg, POOH W/-6 Jts Tbg, Reset Plg @ 4554', POOH W/-2 Jts Tbg EOP @ 4489', SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - MIRU Baker frac equip, Test lines to 7300 psi, Fill csg w/ 5 bbls, Fill tbg w/ 1.6 bbls, Break Down C-sand formation @ 3223 psi, w/3.7 bbls @ 2.2 bpm, Pump 65.3 bbls to get to rate & acid on formation, Pump 15 bbls to get X-link, Pumped 47.6 bbls 1-2# sand (ramped), Pumped 71.1 bbls 2-4# sand (ramped), Flushed w/ 27.6 bbls fresh water, Max psi 6103, Avg. psi 4855, Max rate 18.9 bpm, Avg. rate 10.5 bpm, ISIP 1635, F.G. .78, 11,774# sand pumped in formation, 225.8 total bbls pumped. - RU flow back equip, Open well on 20 choke @ 1635 psi, Flow back 85 bbls fluid. **Finalized**
Daily Cost: \$0
Cumulative Cost: \$32,274

11/27/2012 Day: 5**Conversion**

NC #1 on 11/27/2012 - owu,set pkr@4485',r/u BJ to frac zne D1,r/d BJ aftr frac,owu flowd 92 bw,rel pkr,cwc,rih rel plg,cwc,pooH l/d n-80 frac strng,pkr& plg.rih w/injctn prod pkr bha,tbg prod,drop s/v,p/tst tbg to 3,000 psi, - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Set Pkr For Frac On D1 Perfs @ 4485', R/U R/pmp Fill Csg W/-1 BW, R/U BJ To Frac Zone D1. R/D BJ Aftr Frac, OWU TO Flow Back, Flowed 92 BW, Rel pkr,CWC, RIH Rel Plg,CWC, POOH L/D 144 Jts N-80 Tbg On Float W/-Pkr & Plg. P/U & RIH W/-2 3/8 Re entry Guide,2 3/8 X/N Nipple, 2 3/8X4.15 Tbg Sub, 2 3/8X2 7/8 XO, 51/2" Arrow #1 Pkr, 4 3/4 OD On Off Tool, 2 7/8 S/N, 142 Jts 2 7/8 Tbg, R/U BMW H/Oiler pmp 20 BW Pad D/Tbg, Drop SV, Fill Tbg W/-18 BW, P/Test Tbg To 3000 Psi, SWI, 6:00 PM C/SDFN, 6:00PM-6:30PM C/Trvl. - MIRU Baker frac equip, Test lines to 7300 psi, Fill csg w/ 0 bbls, Fill tbg w/ 0 bbls, Break Down D-1-sand formation @ 5648 psi, w/3.2 bbls @ 4.2 bpm, Pump 10 bbls 15% HCL, Pump 55.3 bbls to get to rate & acid on formation, Pump 15 bbls to get X-link, Pumped 59.5 bbls 1-2# sand (ramped), Pumped 102.8 bbls 2-4# sand (ramped), Flushed w/ 26 bbls fresh water, Max psi 4900, Avg. psi 4610, Max rate 21.8 bpm, Avg. rate 21.8 bpm, ISIP 1710, F.G. .81, 13,743# sand pumped in formation, 269.3 total bbls pumped. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, Set Pkr For Frac On D1 Perfs @ 4485', R/U R/pmp Fill Csg W/-1 BW, R/U BJ To Frac Zone D1. R/D BJ Aftr Frac, OWU TO Flow Back, Flowed 92 BW, Rel pkr,CWC, RIH Rel Plg,CWC, POOH L/D 144 Jts N-80 Tbg On Float W/-Pkr & Plg. P/U & RIH W/-2 3/8 Re entry Guide,2 3/8 X/N Nipple, 2 3/8X4.15 Tbg Sub, 2 3/8X2 7/8 XO, 51/2" Arrow #1 Pkr, 4 3/4 OD On Off Tool, 2 7/8 S/N, 142 Jts 2 7/8 Tbg, R/U BMW H/Oiler pmp 20 BW Pad D/Tbg, Drop SV, Fill Tbg W/-18 BW, P/Test Tbg To 3000 Psi, SWI, 6:00 PM C/SDFN, 6:00PM-6:30PM C/Trvl. - MIRU Baker frac equip, Test lines

to 7300 psi, Fill csg w/ 0 bbls, Fill tbg w/ 0 bbls, Break Down D-1-sand formation @ 5648 psi, w/3.2 bbls @ 4.2 bpm, Pump 10 bbls 15% HCL, Pump 55.3 bbls to get to rate & acid on formation, Pump 15 bbls to get X-link, Pumped 59.5 bbls 1-2# sand (ramped), Pumped 102.8 bbls 2-4# sand (ramped), Flushed w/ 26 bbls fresh water, Max psi 4900, Avg. psi 4610, Max rate 21.8 bpm, Avg. rate 21.8 bpm, ISIP 1710, F.G. .81, 13,743# sand pumped in formation, 269.3 total bbls pumped.

Daily Cost: \$0

Cumulative Cost: \$100,238

11/28/2012 Day: 6

Conversion

NC #1 on 11/28/2012 - owu w/3080 psi,good tst,fish sv,n/d bop,n/u w/hd,pmp pkr flud,set pkr,p/tst csg & pkrto 1500 psi, good tst,r/d rig , ready for mit (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-3080 Psi On Tbg, Good Test.R/U S/Line Ovr Shot RIH & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 70 BW W/ 15 Gal Pkr Fluid D/Csg, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig, Move Rig To 31-25-8-17, 3:30PM C/SDFN,3:30PM -4:00PM C/Trvl, Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-3080 Psi On Tbg, Good Test.R/U S/Line Ovr Shot RIH & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 70 BW W/ 15 Gal Pkr Fluid D/Csg, Set Pkr In 15,000 Tension, N/U W/-HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig, Move Rig To 31-25-8-17, 3:30PM C/SDFN,3:30PM -4:00PM C/Trvl, Ready For MIT (Final Rig Report). **Finalized**

Daily Cost: \$0

Cumulative Cost: \$117,923

12/5/2012 Day: 7

Conversion

Rigless on 12/5/2012 - Conduct initial MIT - On 12/03/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/04/2012 the casing was pressured up to 1590 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 600 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 12/03/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/04/2012 the casing was pressured up to 1590 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 600 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$203,057

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
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 Water Injection Well	8. WELL NAME and NUMBER: FEDERAL 13-22-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331480000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0906 FSL 0702 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 22 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/7/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 12:00 PM on
05/07/2013.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 07, 2013

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/7/2013	

Spud Date: 5-9-2007
 Put on Production: 6-25-2007
 GL: 5994' KB: 6006'

Federal 13-22-9-16

Injection Wellbore Diagram

SURFACE CASING

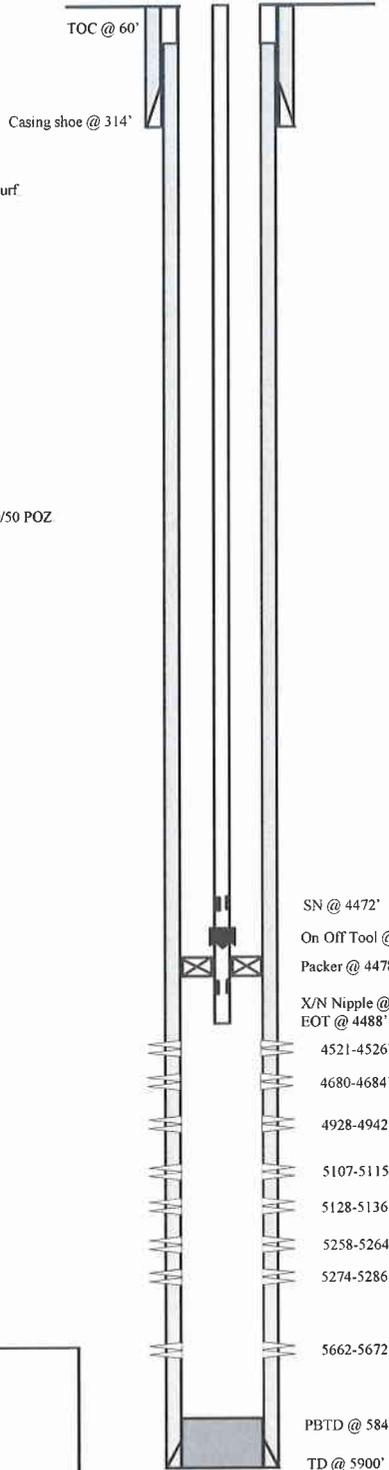
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.02')
 DEPTH LANDED: 313.87' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts (5879.22')
 DEPTH LANDED: 5892.47' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ
 CEMENT TOP AT: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 142 jts (4460.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4472.5' KB
 ON/OFF TOOL AT: 4473.4'
 ARROW #1 PACKER CE AT: 4478.17'
 XO 2-3/8 x 2-7/8 J-55 AT: 4481.8'
 TBG PUP 2-3/8 J-55 AT: 4482.3'
 X/N NIPPLE AT: 4486.5'
 TOTAL STRING LENGTH: EOT @ 4488'



FRAC JOB

06-19-07	5662-5672'	Frac CP5 sands as follows: 41156# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 1991 psi w/avg rate of 21.8 BPM. ISIP 2175 psi. Calc flush: 5660 gal. Actual flush: 5158 gal.
06-19-07	5258-5286'	Frac LODC sands as follows: 79611# 20/40 sand in 602 bbls Lightning 17 frac fluid. Treated @ avg press of 2528 psi w/avg rate of 21.8 BPM. ISIP 2750 psi. Calc flush: 5256 gal. Actual flush: 4788 gal.
06-18-07	5107-5136'	Frac LODC sands as follows: 55106# 20/40 sand in 451 bbls Lightning 17 frac fluid. Treated @ avg press of 2838 psi w/avg rate of 24.7 BPM. ISIP 3235 psi. Calc flush: 5105 gal. Actual flush: 4620 gal.
06-19-07	4928-4942'	Frac A1 sands as follows: 59043# 20/40 sand in 475 bbls Lightning 17 frac fluid. Treated @ avg press of 1937 w/ avg rate of 24.7 BPM. ISIP 2260 psi. Calc flush: 4926 gal. Actual flush: 4872 gal.
08/27/07		Pump Change: Rod & Tubing detail unchanged.
5/29/08		Stuck pump: Rod & Tubing detail updated.
1/31/09		Pump Change: Updated r & t detail.
3/16/2011		Pump Change: Updated rod & tubing detail.
11/26/12	4680-4684'	Frac C sands as follows: 11774# 20/40 sand in 216 bbls Lightning 17 frac fluid.
11/27/12	4521-4526'	Frac D1 sands as follows: 13743# 20/40 sand in 259 bbls Lightning 17 frac fluid.
11/28/12		Convert to Injection Well
12/04/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

06-18-07	5662-5672'	4 JSPF	40 holes
06-19-07	5274-5286'	4 JSPF	48 holes
06-19-07	5258-5264'	4 JSPF	24 holes
06-19-07	5128-5136'	4 JSPF	32 holes
06-19-07	5103-5110'	4 JSPF	32 holes
06-19-07	4928-4942'	4 JSPF	56 holes
11/21/12	4680-4684'	3 JSPF	12 holes
11/21/12	4521-4526'	3 JSPF	15 holes

NEWFIELD

Federal 13-22-9-16
 906' FSL & 702' FWL
 SW/SW Section 22-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33148; Lease # UTU-74392



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

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-390

Operator: Newfield Production Company
Well: Federal 13-22-9-16
Location: Section 22, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33148
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 3, 2012.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,845' – 5,844')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

1/31/2013
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

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