

NEWFIELD



November 22, 2005

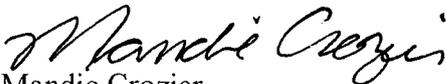
State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 2-22-9-16, 8-22-9-16, 5-23-9-16, 8-23-9-16, 6-24-9-16, and Sundance Federal 12-1-9-17.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 8-22-9-16 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
NOV 23 2005
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-15855

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 5-23-9-16

9. API Well No.
43-01332960

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SW/NW Sec. 23, 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/NW 2125' FNL 575' FWL 577370X 40.01772
At proposed prod. zone 4429907Y -110.09340

14. Distance in miles and direction from nearest town or post office*
Approximatley 18.7 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. 575' f/lse, NA' f/unit

16. No. of Acres in lease
1200.00

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. 1540'

19. Proposed Depth
5870'

20. BLM/BIA Bond No. on file
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5749' GL

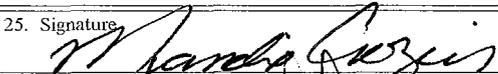
22. Approximate date work will start*
1st Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release.

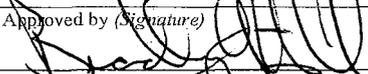
24. Attachments

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

- 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  Name (Printed/Typed) Mandie Crozier Date 11/22/05

Title Regulatory Specialist

Approved by (Signature)  Name (Printed/Typed) BRADLEY G HILL Date 11-29-05

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)

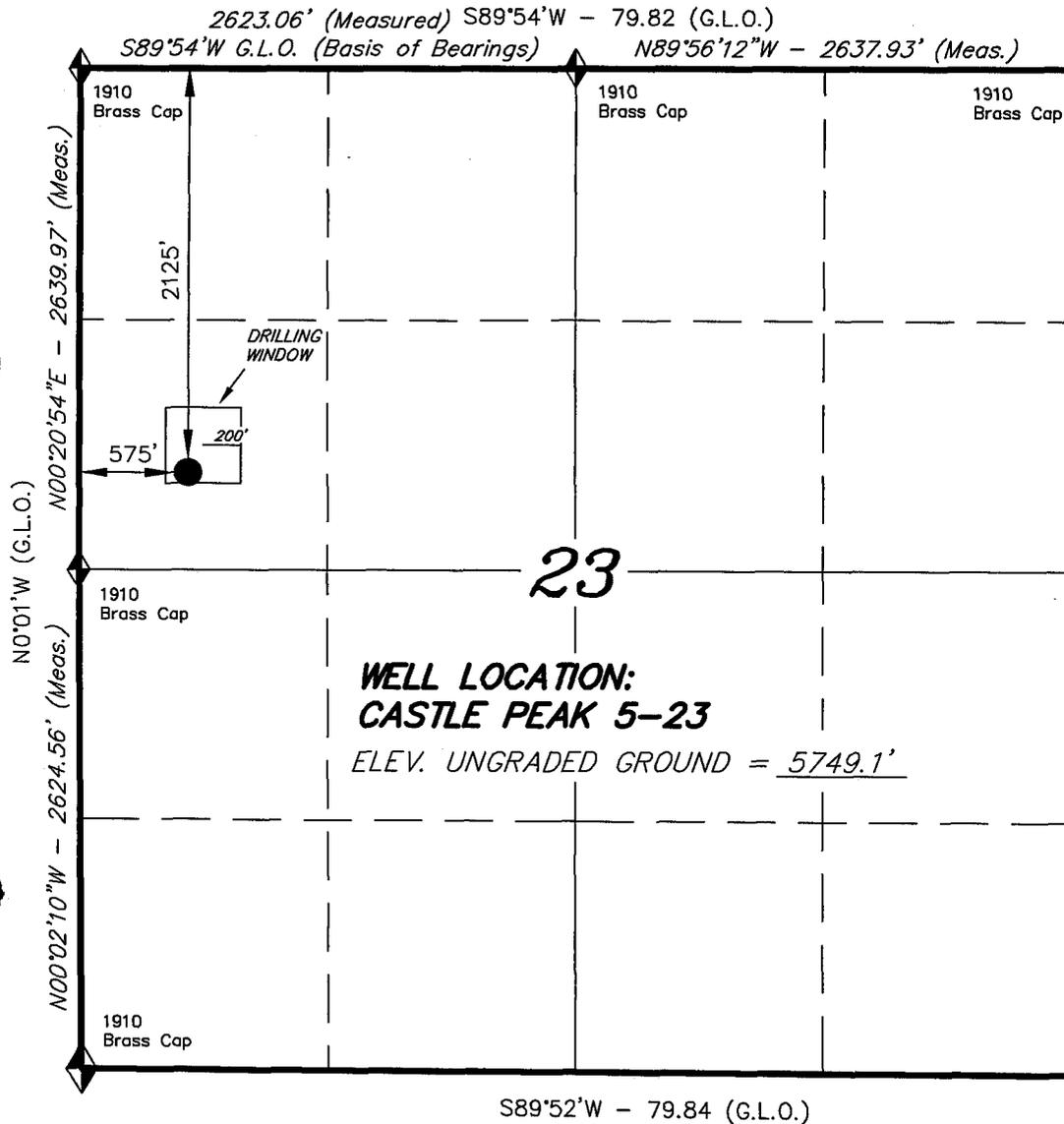
Federal Approval of this
Action is Necessary

RECEIVED
NOV 23 2005
DIV. OF OIL, GAS & MINING

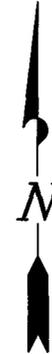
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

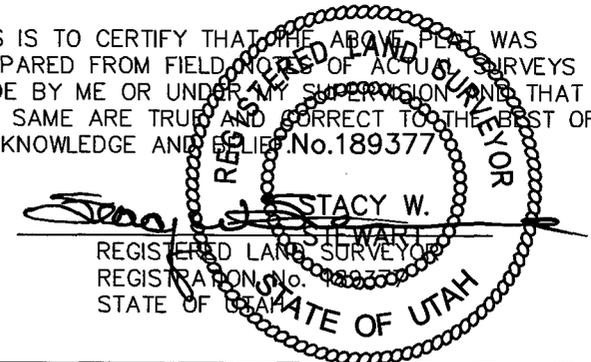
WELL LOCATION, CASTLE PEAK 5-23,
 LOCATED AS SHOWN IN THE SW 1/4 NW
 1/4 OF SECTION 23, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



N0°01'W (G.L.O.)



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

SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 10-4-05	DRAWN BY: F.T.M.
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

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

NEWFIELD PRODUCTION COMPANY
FEDERAL #5-23-9-16
SW/NW SECTION 23, 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' – 1975'
Green River	1975'
Wasatch	5870'

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

Green River Formation 1975' – 5870' - 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 #5-23-9-16
SW/NW SECTION 23, 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 #5-23-9-16 located in the SW 1/4 NW 1/4 Section 23, 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 southeasterly - 11.7 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 4.5 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 130' \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

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report # 05-270, 9/7/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #5-23-9-16 Newfield Production Company requests 130' of disturbed area be granted in Lease UTU-15855 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 130' of disturbed area be granted in Lease UTU-15855 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 555' of disturbed area be granted in Lease UTU-075174 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

Golden Eagle: Due to this proposed well access roads proximity (less that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and June 30. If the nest remains inactive on June 30th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between June 30 and March 1 of the following year. If the nest site becomes active prior to June

30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt will be optional upon construction. 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)

Crested Wheatgrass *Agropyron Cristatum* 12 lbs/acre

Details of the On-Site Inspection

The proposed Federal #5-23-9-16 was on-sited on 8/31/05. The following were present; Shon Mckinnon (Newfield Production) and Todd MaGrath (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

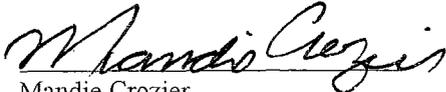
Name: Shon Mckinnon
Address: Route #3 Box 3630
 Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #5-23-9-16 SW/NW Section 23, Township 9S, Range 16E: Lease UTU-15855 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.

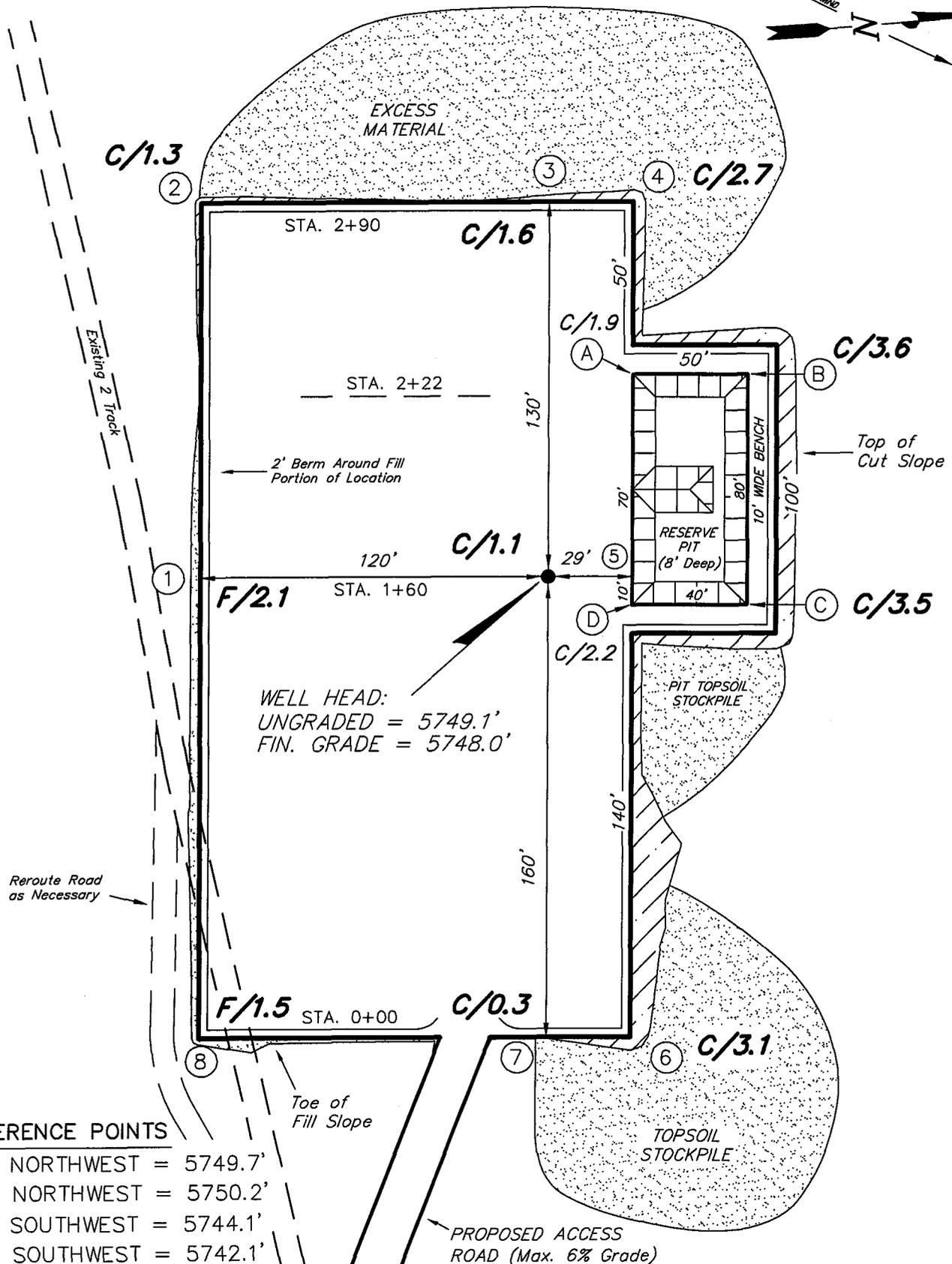
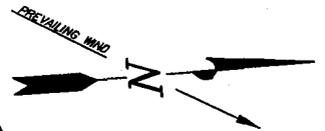
November 22, 2005
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

CASTLE PEAK 5-23

Section 23, T9S, R16E, S.L.B.&M.



WELL HEAD:
UNGRADED = 5749.1'
FIN. GRADE = 5748.0'

REFERENCE POINTS

- 180' NORTHWEST = 5749.7'
- 230' NORTHWEST = 5750.2'
- 170' SOUTHWEST = 5744.1'
- 220' SOUTHWEST = 5742.1'

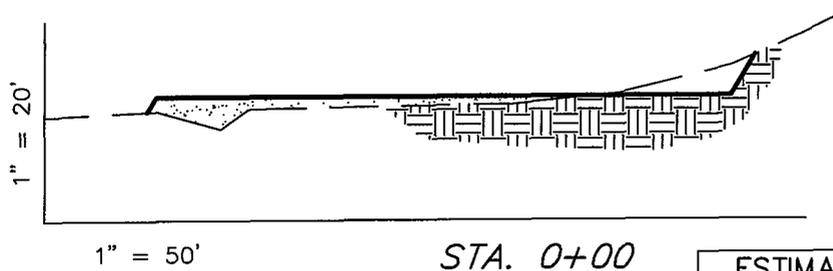
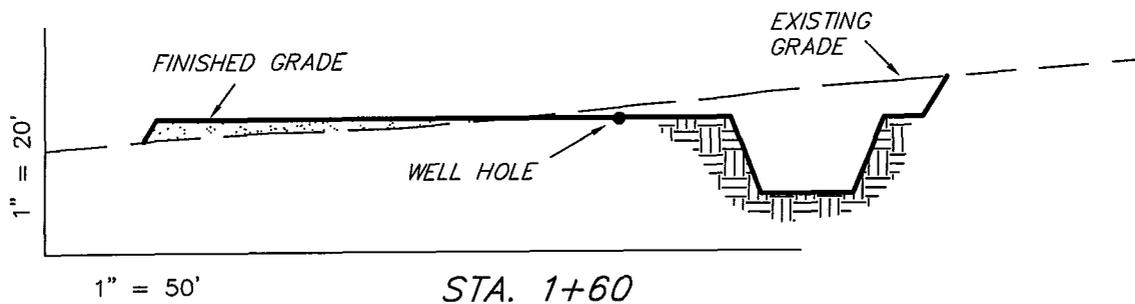
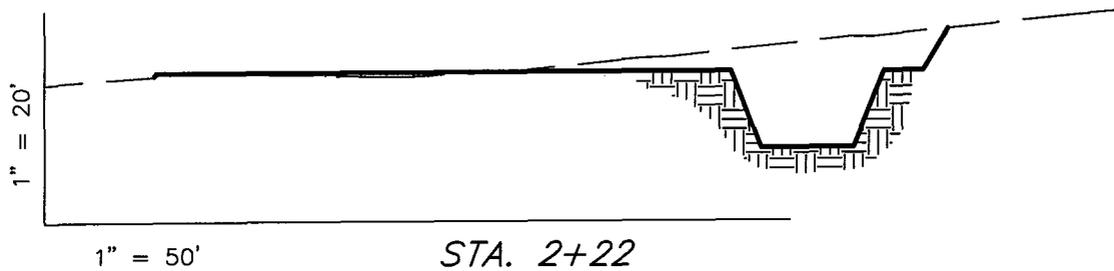
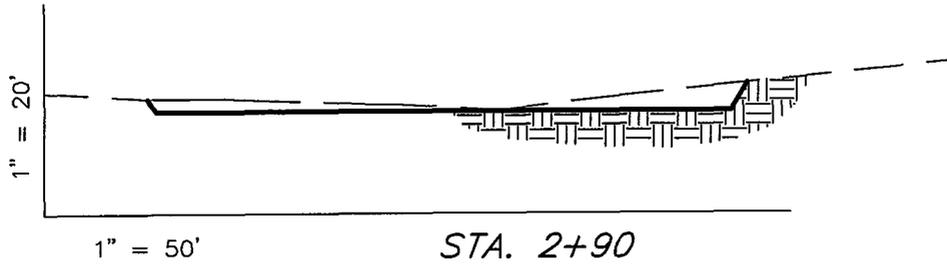
SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 10-4-05

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

CASTLE PEAK 5-23



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,300	1,300	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,940	1,300	960	640

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

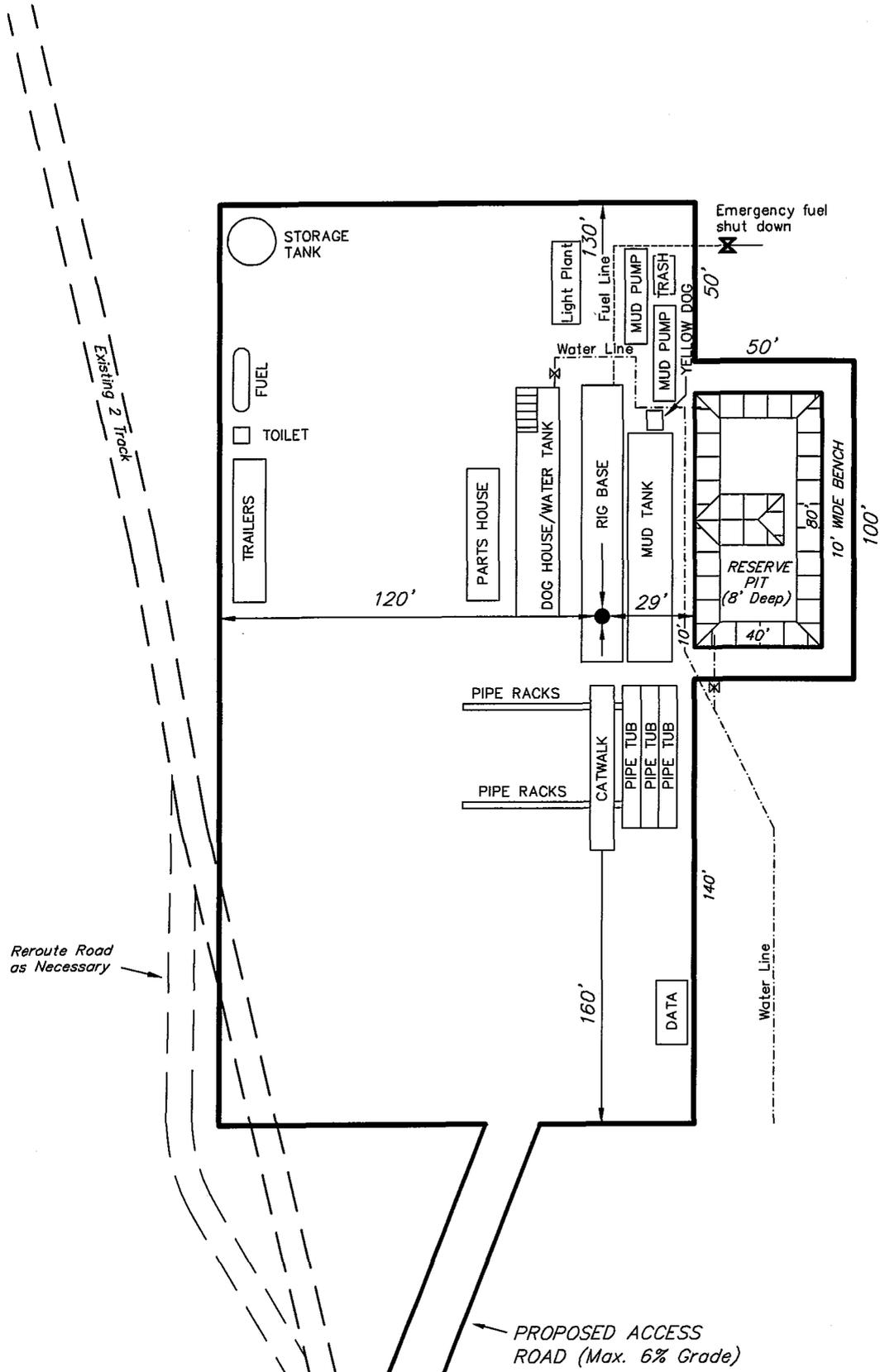
DATE: 10-4-05

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

CASTLE PEAK 5-23

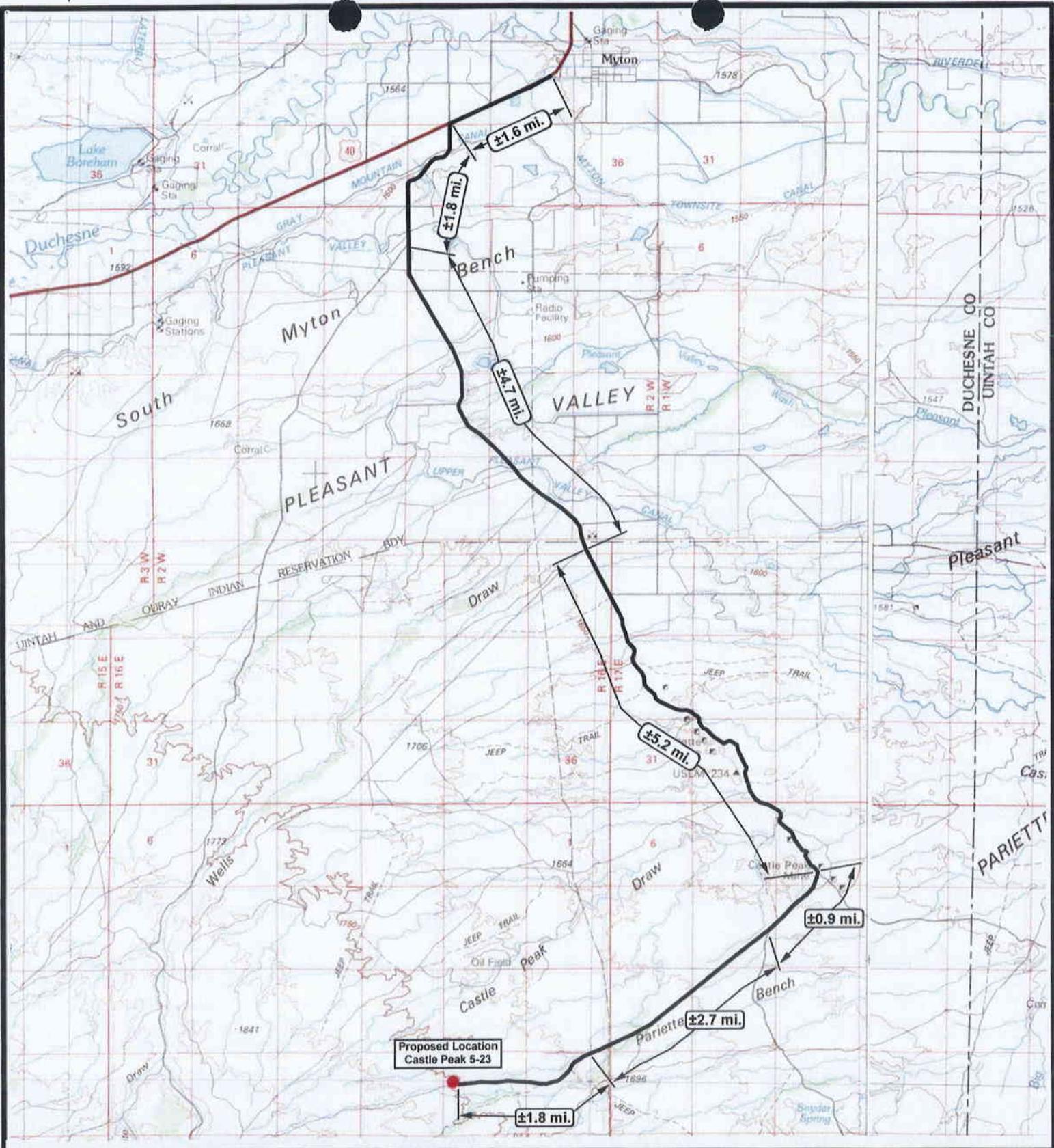


SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 10-4-05

(435) 781-2501

Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



NEWFIELD
Exploration Company

Castle Peak 5-23-9-16
SEC. 23, T9S, R16E, S.L.B.&M.



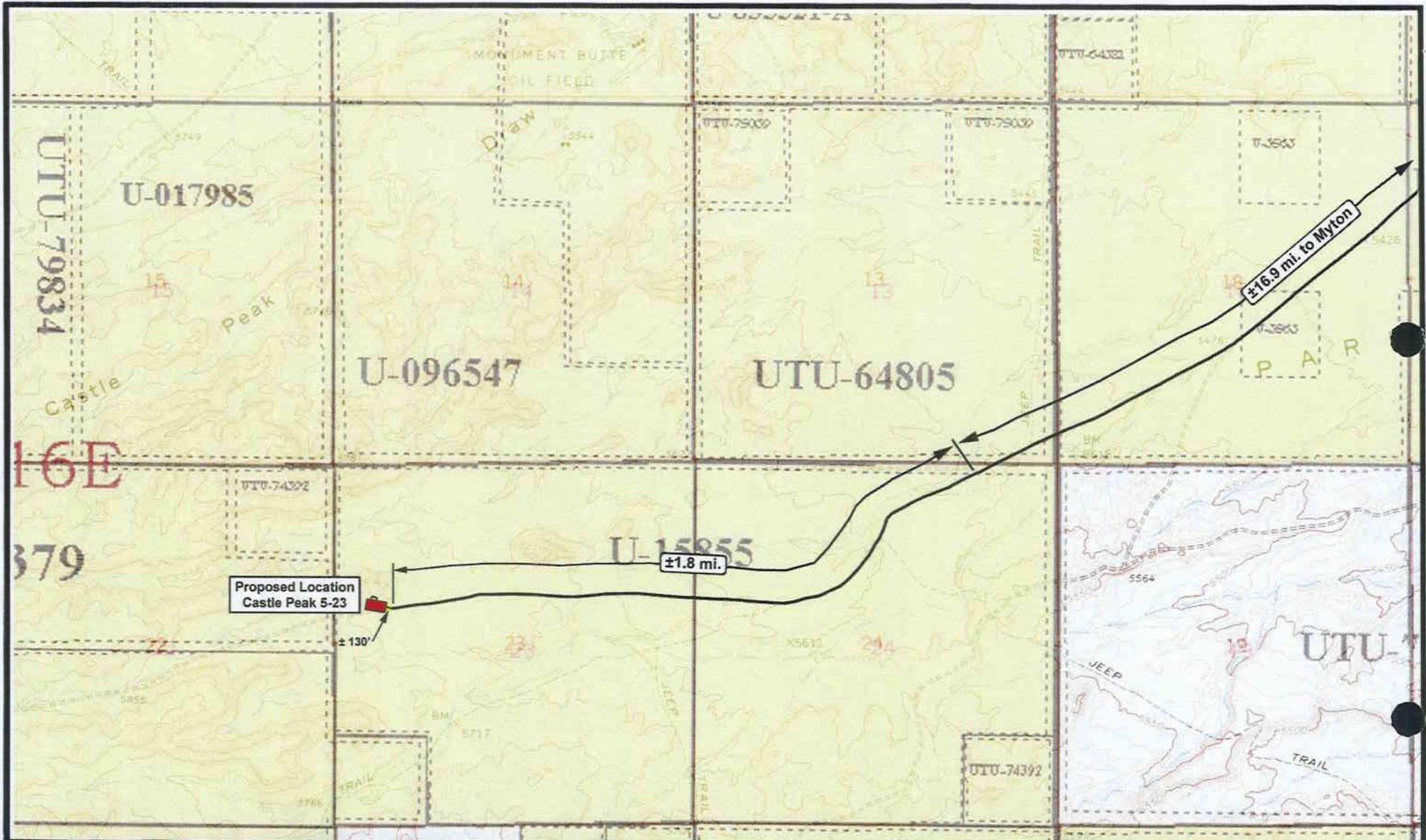
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 10-06-2005

Legend

— Existing Road
— Proposed Access

TOPOGRAPHIC MAP
"A"



Proposed Location
Castle Peak 5-23

±1.8 mi.

±16.9 mi. to Myron

NEWFIELD
Exploration Company

Castle Peak 5-23-9-16
SEC. 23, T9S, R16E, S.L.B.&M.

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

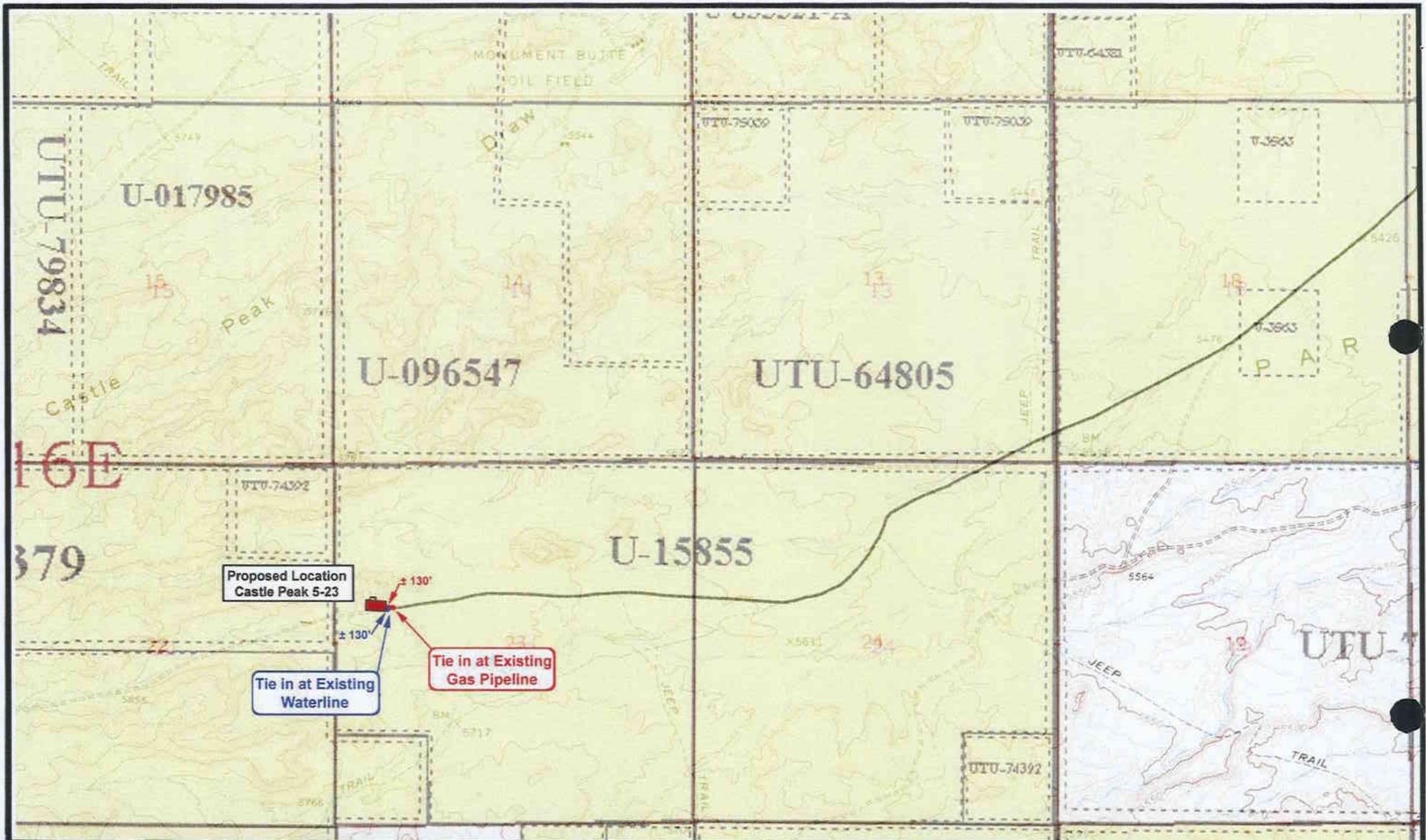
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 10-06-2005

Legend

Existing Road
Proposed Access

"B"

UTU-11385



NEWFIELD
Exploration Company

Castle Peak 5-23-9-16
SEC. 23, T9S, R16E, S.L.B.&M.



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

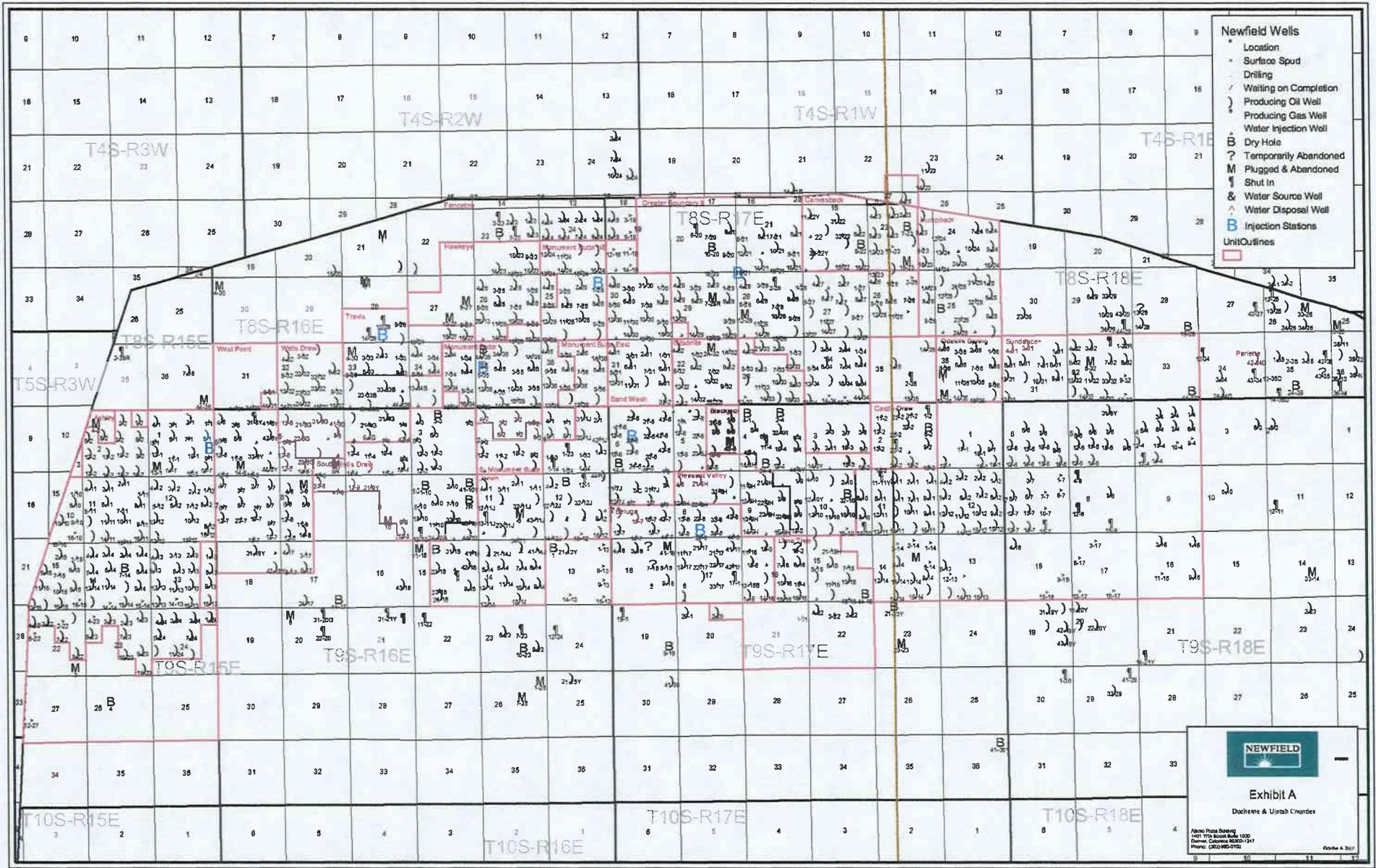
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 10-06-2005

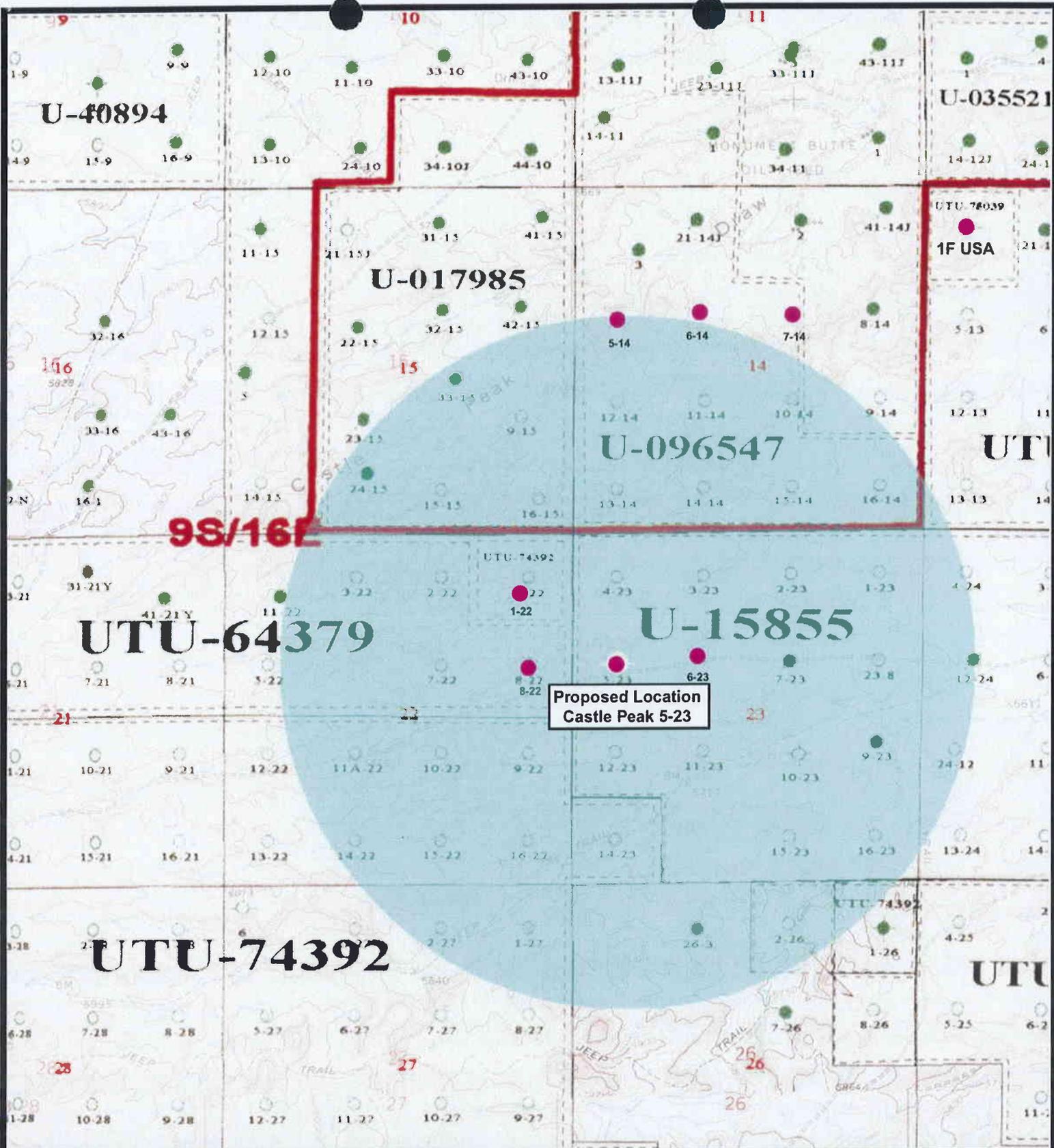
Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

"C"

UTU-11385





Proposed Location
Castle Peak 5-23

NEWFIELD
Exploration Company

Castle Peak 5-23-9-16
SEC. 23, 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: 10-06-2005

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

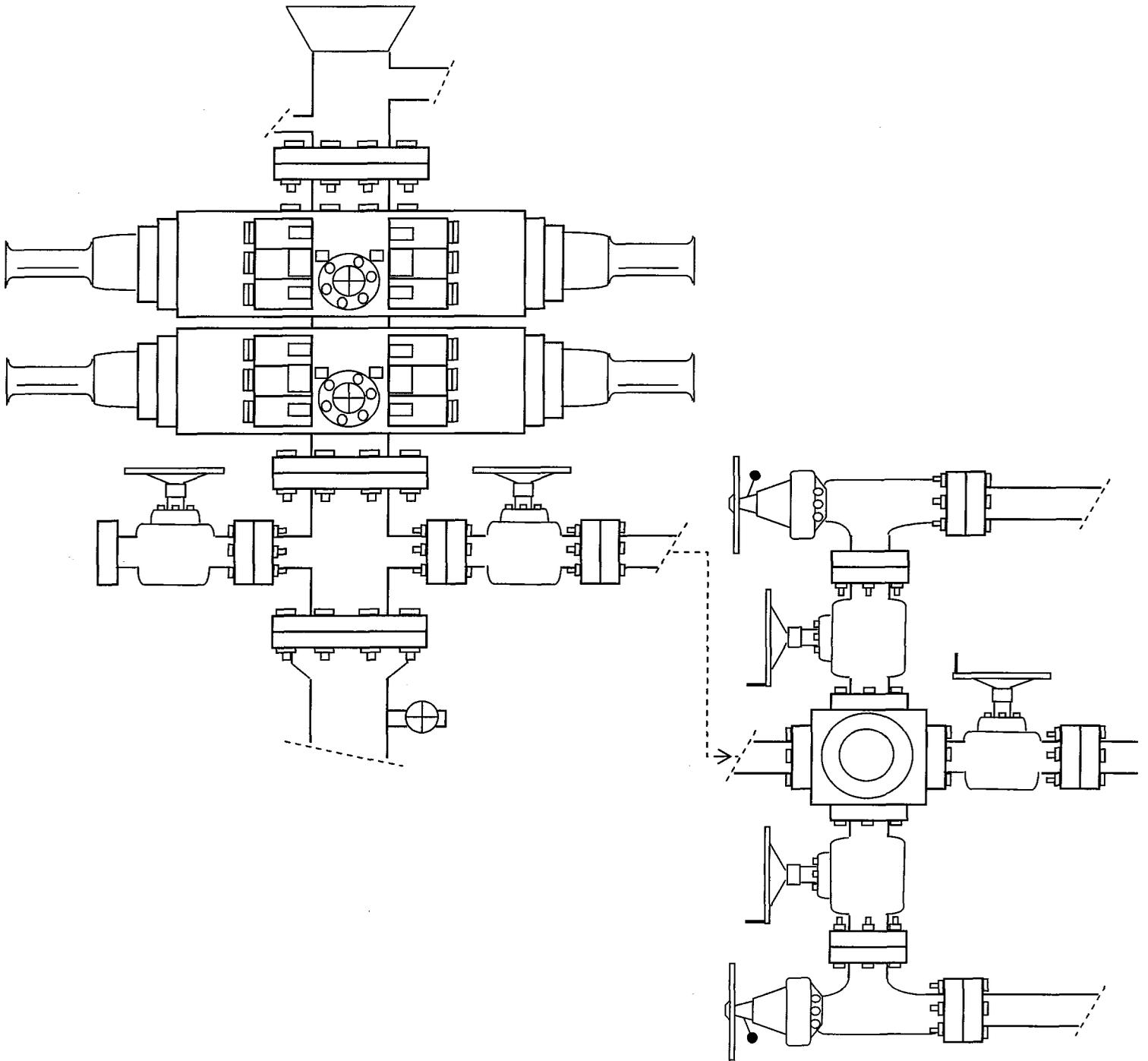


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 23 and 24,
DUCHESNE COUNTY, UTAH

By:

Andre' Jendresen
and
Keith Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

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

Submitted By:

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

MOAC Report No. 05-270

September 7, 2005

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

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0831b

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: 11/23/2005

API NO. ASSIGNED: 43-013-32960

WELL NAME: FEDERAL 5-23-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNW 23 090S 160E
 SURFACE: 2125 FNL 0575 FWL
 BOTTOM: 2125 FNL 0575 FWL
 DUCHESNE
 MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-15855
 SURFACE OWNER: 1 - Federal
 PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

LATITUDE: 40.01772
 LONGITUDE: -110.0934

RECEIVED AND/OR REVIEWED:

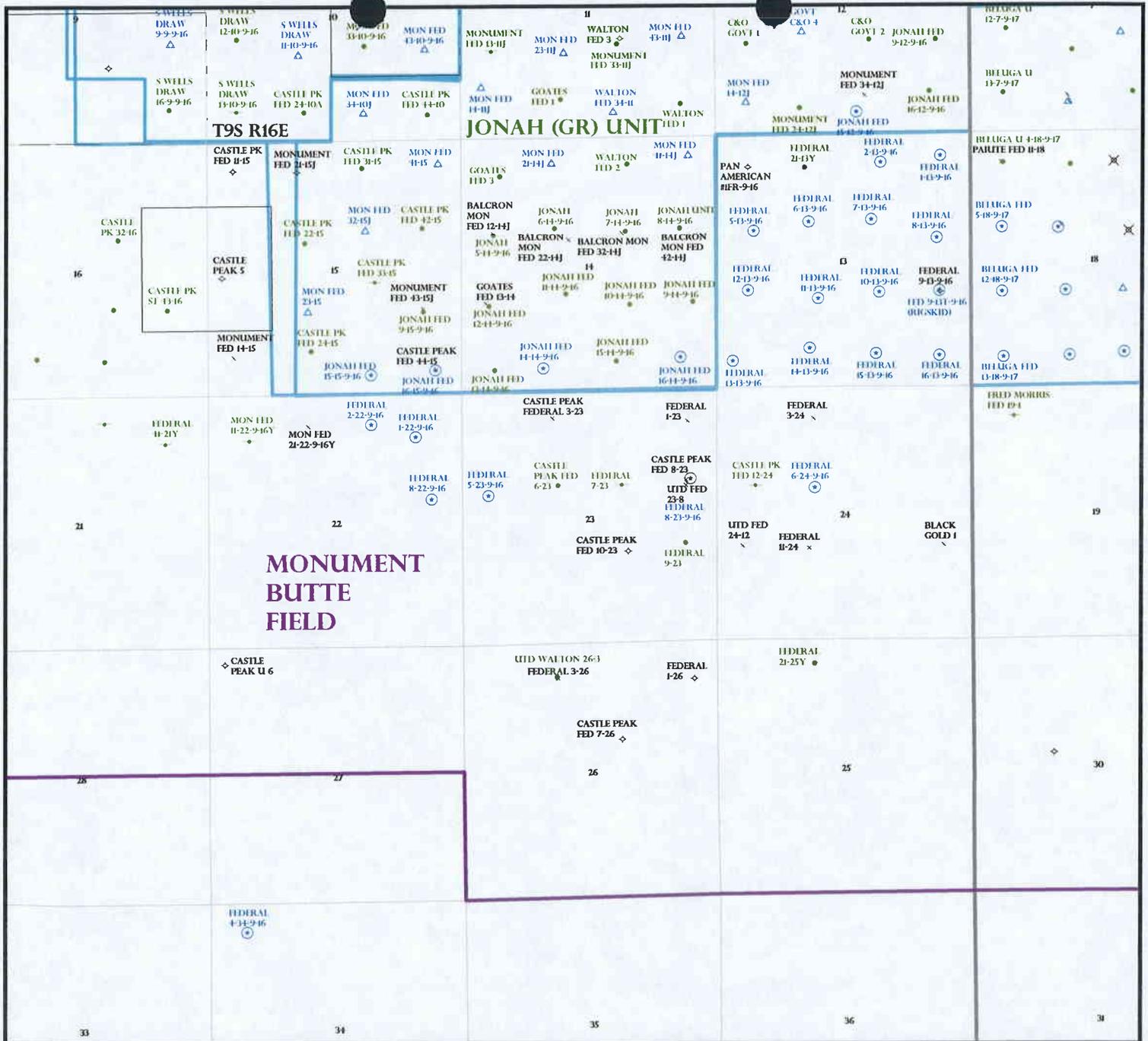
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT0056)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

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- Federal Approval
2- Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 22,23,24 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

- 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: 29-NOVEMBER-2005



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

November 29, 2005

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

Re: Federal 5-23-9-16 Well, 2125' FNL, 575' FWL, SW NW, Sec. 23, 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.

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 43-013-32960.

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 5-23-9-16

API Number: 43-013-32960

Lease: UTU-15855

Location: SW NW Sec. 23 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

NOV 20 2005

BLM VERNAL, UTAH

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-15855
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 5-23-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NW 2125' FNL 575' FWL At proposed prod. zone		9. API Well No. 43-013-32960
14. Distance in miles and direction from nearest town or post office* Approximatley 18.7 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. 575' f/lse, NA' f/unit	16. No. of Acres in lease 1200.00	11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 23, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1540'	17. Spacing Unit dedicated to this well 40 Acres	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5749' GL	19. Proposed Depth 5870'	13. State UT
22. Approximate date work will start* 1st Quarter 2006		20. BLM/BLA Bond No. on file UT0056
23. Estimated duration Approximately seven (7) days from stud 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 11/22/05
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) JERRY KENELKA	Date 9-8-2006
Title Assistant Field Manager Lands & Mineral Resources	Office	

Application approval does not warrant or certify 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)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED
SEP 15 2006

OIL, GAS & MINING

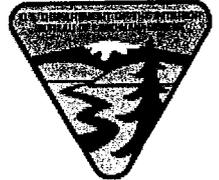


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 5-23-9-16
API No: 43-013- 32960

Location: SWNW, Sec 23, T9S, R16E
Lease No: UTU-15855
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
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:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
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 Chris Carusona) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chris Carusona) | - | 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)***

- 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 November 21, 2005. If the well has not been spudded by November 21, 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 must be complied with.
- Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No drilling or surface disturbing activities are allowed 600' or less from live water.
- 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.
- The reserve pit will be lined with a 16 ml or greater liner prior to spudding.
- 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 liner is to be cut 5 feet below ground 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 that animals do not ingest or become entrapped in pit fluids.
- The well pad and access/pipeline require monitoring by a qualified Paleontologist prior to and during any surface disturbing activities.
- Prevent fill and stock piles from entering drainages.
- Cultural And Paleontological Resources - Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as

to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

- The access road will be crowned and ditched. Flat-bladed roads are NOT allowed.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- The boulders >3' found at the surface or above ground will be saved for final reclamation.
- Interim Reclamation (see below):
- Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is converted to an injection well, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.

Interim Reclamation Seed Mix for location:

Galleta grass	<i>Hilaria jamesii</i>	6 lbs/acre
Western wheatgrass	<i>Pascopyrum smithii</i>	<u>6 lbs/acre</u>
	Per Live Seed Total	12 lbs/acre

- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed it should be re-contoured, then the area should be seeded in the same manner as the topsoil.
- There shall be no primary or secondary noxious weeds in the seed mixture.
- Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
- The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
- The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

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

- None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 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.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- 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.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- 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.
- 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.
- 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 surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- 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.
- 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.

- 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.
- 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:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and / or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 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
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-15855

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
FEDERAL 5-23-9-16

9. API Well No.
43-013-32960

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
2125 FNL 575 FWL SW/NW Section 23, T9S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other Permit Extension <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 11/29/05 (expiration 11/29/06).

This APD is not yet due to expire with the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10-30-06
By: [Signature]

COPY SENT TO OPERATOR
Date: 10-31-06
Initials: PM

14. I hereby certify that the foregoing is true and correct

Signed: Mandie Crozier Title: Regulatory Specialist Date: 10-27-2006
Mandie Crozier

CC: ULAHDOGMI

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____

RECEIVED
OCT 30 2006
DIV. OF OIL, GAS & MINING



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-32960
Well Name: Federal 5-23-9-16
Location: SW/NW Section 23, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 11/29/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No


Signature

10/27/2006
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

OCT 30 2006

DIV. OF OIL, GAS & MINING

RECEIVED
INTERNAL FIELD OFFICE
2007 SEP 11 PM 1:22
OCT 1 19 2007
DEPT OF THE INTERIOR
BUREAU OF LAND MGMT.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

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

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

2125 FNL 575 FWL SW/NW Section 23, T9S R16E

5. Lease Designation and Serial No.

UTU-15855

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 5-23-9-16

9. API Well No.

43-013-32960

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Permit Extension**
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 9/8/06 (expiration 9/8/07).

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct

Signed Mandie Crozier Title Regulatory Specialist Date 9/7/2007
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by Matt Baker Title Petroleum Engineer Date SEP 14 2007

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious

statements or representations as to any matter within its jurisdiction.

RECEIVED

OCT 09 2007

DIV. OF OIL, GAS & MIN



CONDITIONS OF APPROVAL

Newfield Production Co.

Notice of Intent APD Extension

Lease: UTU-15855
Well: Fed 5-23-9-16
Location: SWNW Sec23-T9S-R16E

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

1. The extension and APD shall expire on 09/08/08
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-15855

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

FEDERAL 5-23-9-16

9. API Well No.

43-013-32960

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

3. Address and Telephone No.

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

11. County or Parish, State

DUCHESNE COUNTY, UT.

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

2125 FNL 575 FWL SW/NW Section 23, T9S R16E

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Permit Extension**

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 11/29/05 (expiration 11/29/07).

This APD is not yet due to expire with the BLM.

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

Date: 11-27-07
By: [Signature]

**RECEIVED
NOV 21 2007
DIV. OF OIL, GAS & MINING**

COPY SENT TO OPERATOR
Date: 11/28/2007
Initials: VS

14. I hereby certify that the foregoing is true and correct

Signed

Mandie Crozier
Mandie Crozier

Title

Regulatory Specialist

Date

11/20/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: Utah DOGM

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-32960
Well Name: Federal 5-23-9-16
Location: SW/NW Section 23, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 11/29/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

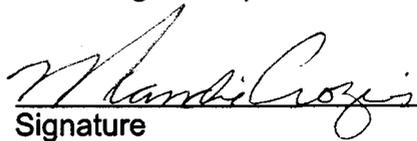
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No


Signature

11/20/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED
NOV 21 2007
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-15855

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 5-23-9-16

9. API Well No.

43-013-32960

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> Other
--	-----------------------------------	--------------------------------

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

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

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

2125 FNL 575 FWL SW/NW Section 23, T9S R16E

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

TYPE OF SUBMISSION

TYPE OF ACTION

<input checked="" type="checkbox"/> Notice of Intent
<input type="checkbox"/> Subsequent Report
<input type="checkbox"/> Final Abandonment Notice

<input type="checkbox"/> Abandonment
<input type="checkbox"/> Recompletion
<input type="checkbox"/> Plugging Back
<input type="checkbox"/> Casing Repair
<input type="checkbox"/> Altering Casing
<input checked="" type="checkbox"/> Other APD Change

<input type="checkbox"/> Change of Plans
<input type="checkbox"/> New Construction
<input type="checkbox"/> Non-Routine Fracturing
<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As per the recommendation of Wade E. Miller PH.D., a Paleontological Consultant hired by Newfield Production Company, it is proposed that the above mentioned location be moved 20' to the south. The new footages will be 2145' FNL and 574' FWL. New plats reflecting the requested move are attached.

The remainder of the APD will remain the same.

Approved by the
Utah Division of
Oil, Gas and Mining

577375 X

40.017668

44299024

110.093340

Date: 17-04-07

By: *[Signature]*

RECEIVED

NOV 28 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

11/27/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

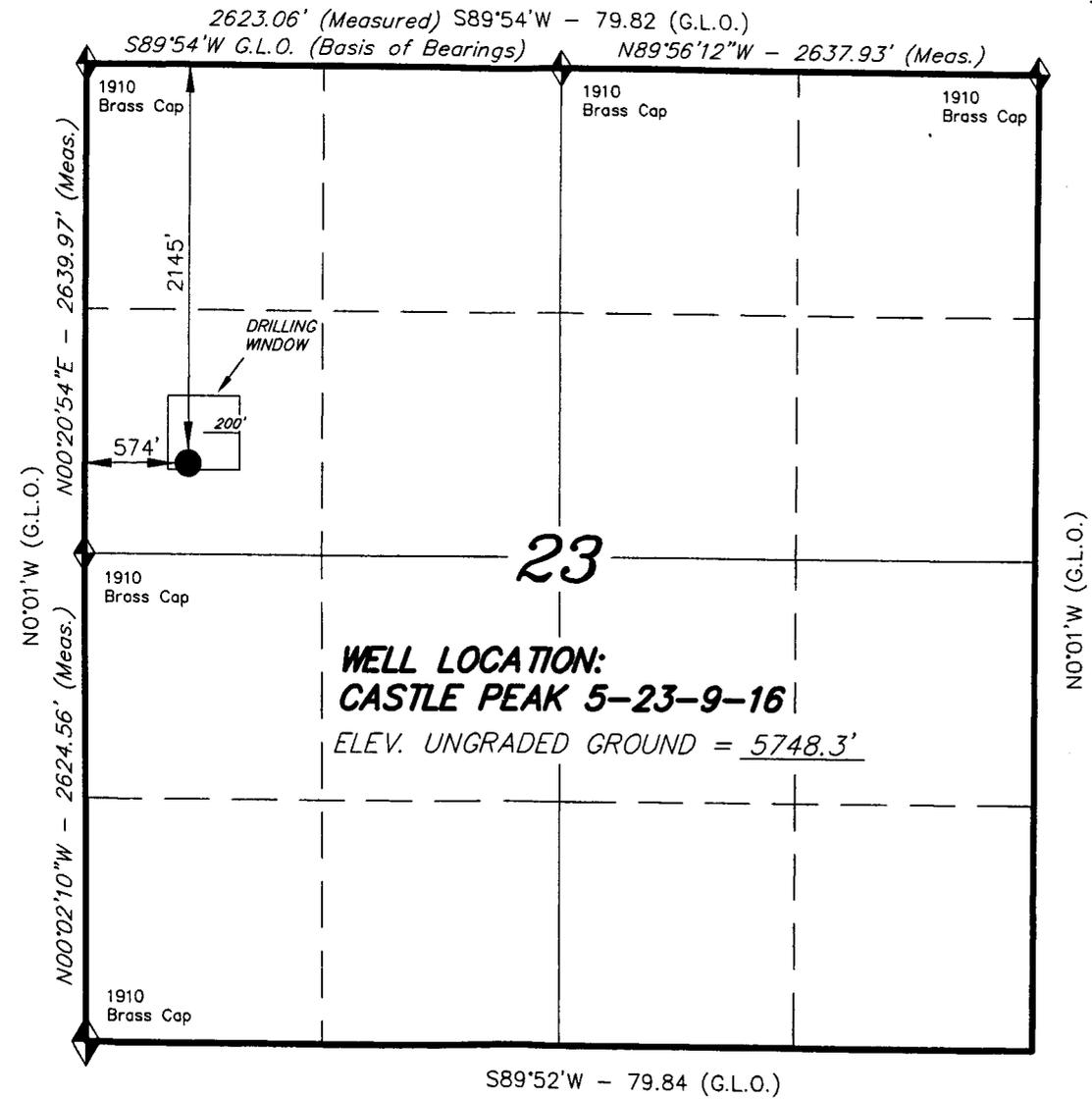
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

COPY SENT TO OPERATOR
Date: 11/27/07
Initials: *[Signature]*

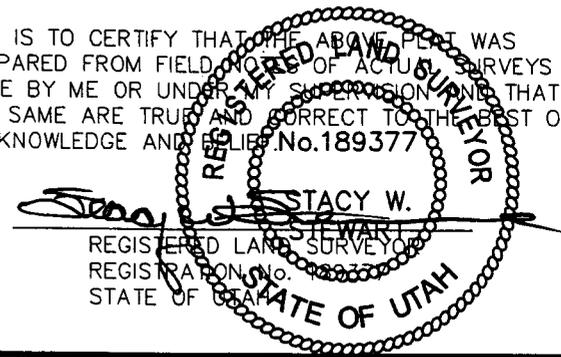
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CASTLE PEAK
5-23-9-16, LOCATED AS SHOWN IN THE
SW 1/4 NW 1/4 OF SECTION 23, 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)

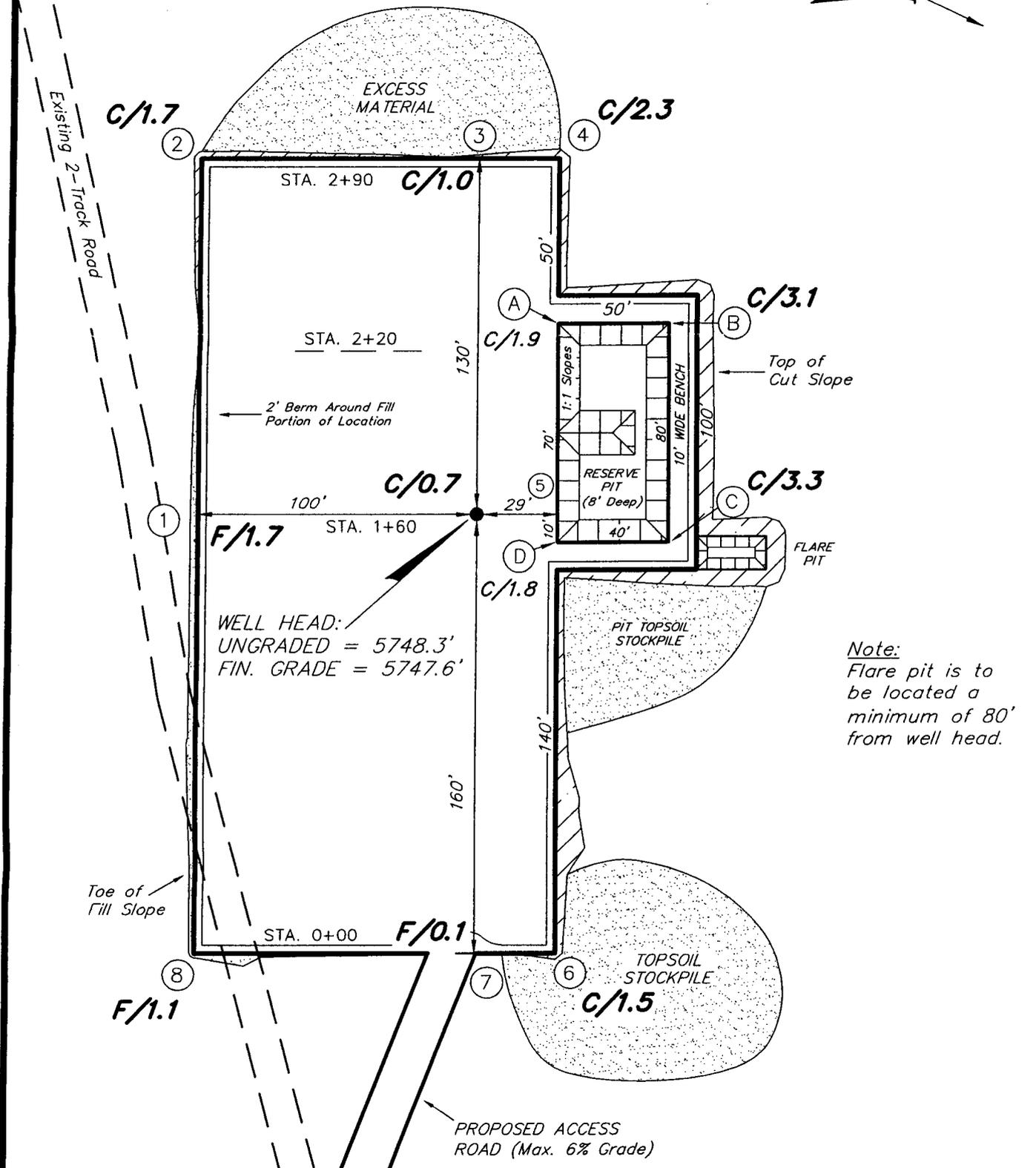
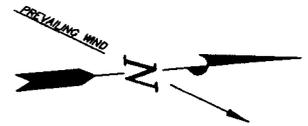
CASTLE PEAK 5-23-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 03.80"
LONGITUDE = 110° 05' 36.02"

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 09-28-05	SURVEYED BY: D.P.
DATE DRAWN: 10-04-05	DRAWN BY: F.T.M.
REVISED: 11-27-07 F.T.M.	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY

CASTLE PEAK 5-23-9-16

Section 23, T9S, R16E, S.L.B.&M.

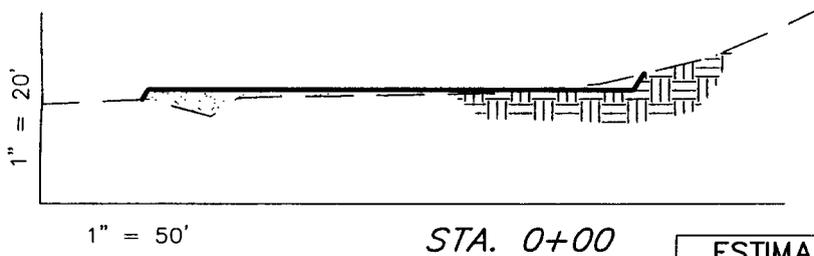
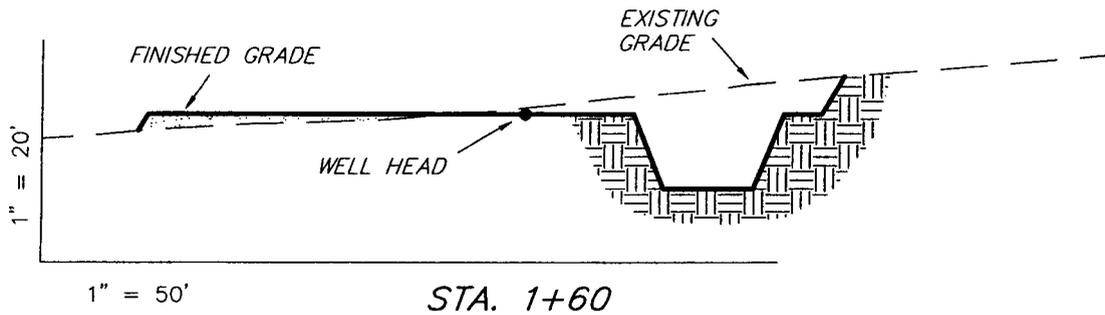
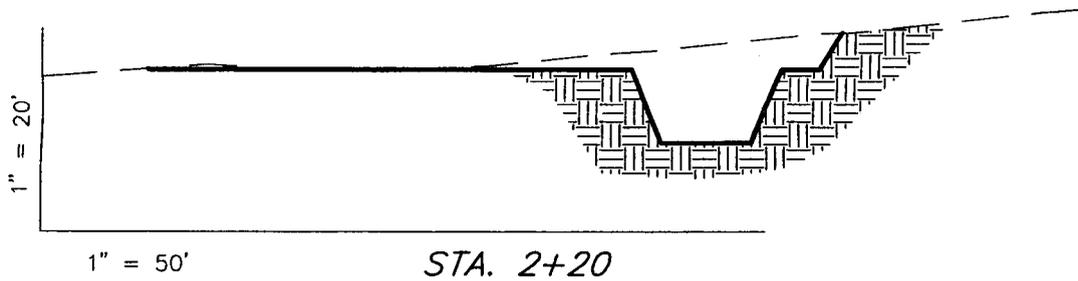
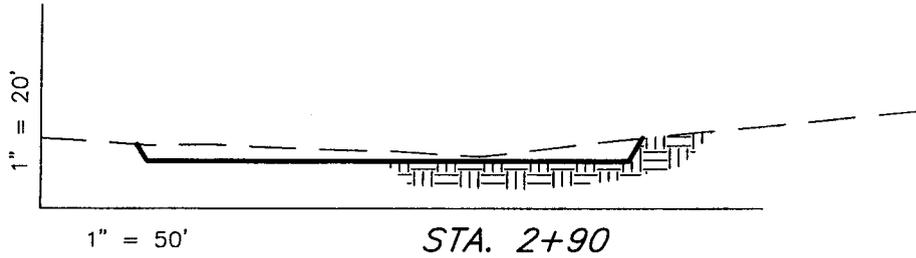


SURVEYED BY: D.P.	DATE SURVEYED: 09-28-05
DRAWN BY: F.T.M.	DATE DRAWN: 10-04-05
SCALE: 1" = 50'	REVISED: F.T.M. 11-27-07

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS CASTLE PEAK 5-23-9-16



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)

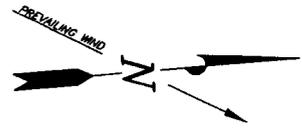
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	930	930	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,570	930	850	640

SURVEYED BY: D.P.	DATE SURVEYED: 09-28-05
DRAWN BY: F.T.M.	DATE DRAWN: 10-04-05
SCALE: 1" = 50'	REVISED: F.T.M. 11-27-07

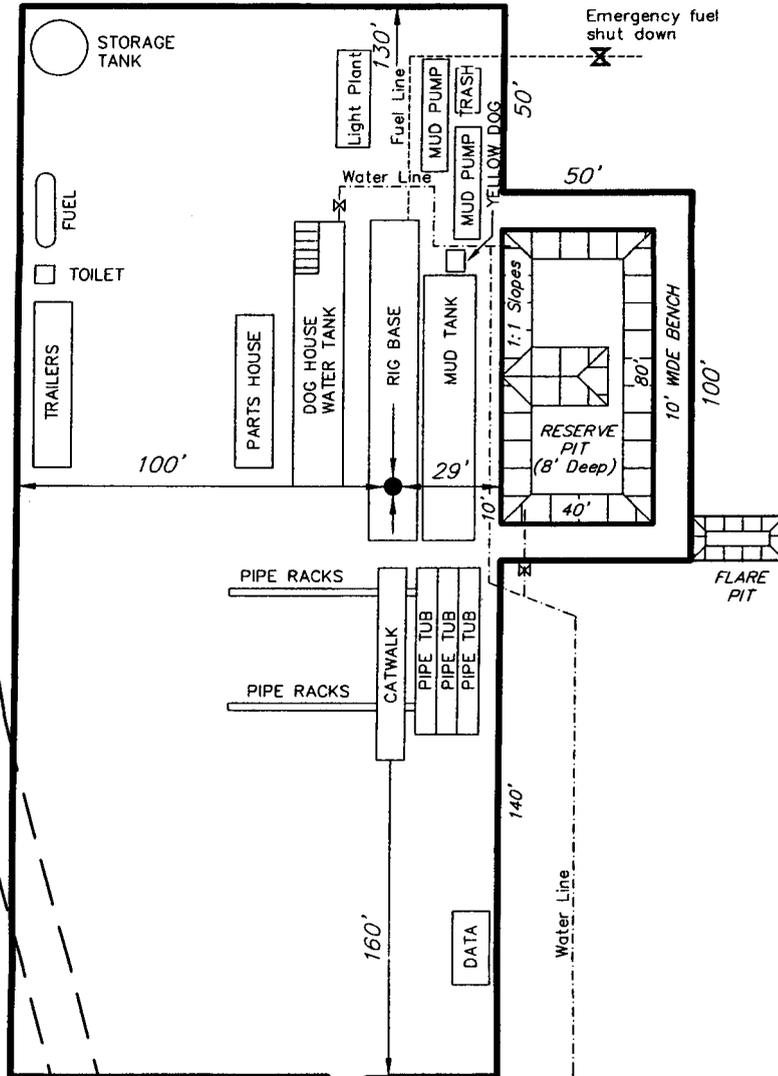
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT CASTLE PEAK 5-23-9-16



Existing 2-Track Road



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: D.P.	DATE SURVEYED: 09-28-05
DRAWN BY: F.T.M.	DATE DRAWN: 10-04-05
SCALE: 1" = 50'	REVISED: F.T.M. 11-27-07

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: EEDERAL 5-23-9-16

Api No: 43-013-32960 Lease Type: FEDERAL

Section 23 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 21

SPUDDED:

Date 01/17/08

Time 10:30 AM

How DRY

Drilling will Commence: _____

Reported by JOHNNY DAVIS

Telephone # (435) 823-3620

Date 01/17/08 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 84052

OPERATOR ACCT. NO. NZ595

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B A	99999	12417	4301333311	LONETREE FEDERAL 14-22-9-17	SESW	22	9S	17E	DUCHESNE	1/19/2008	1/24/08
WELL 1 COMMENTS: <u>GRRV</u>											
B A	99999	12417	4301333312	LONETREE FEDERAL 15-22-9-17	SWSE	22	9S	17E	DUCHESNE	1/15/2008	1/24/08
WELL 2 COMMENTS: <u>GRRV</u>											
A	99999	16627	4301332960	FEDERAL 5-23-9-16	SWNW	23	9S	16E	DUCHESNE	1/17/2008	1/24/08
WELL 3 COMMENTS: <u>GRRV</u>											
A	99999	16628	4301333178	FEDERAL 11-23-9-16	NESW	23	9S	16E	DUCHESNE	1/15/2008	1/24/08
WELL 4 COMMENTS: <u>GRRV</u>											
A	99999	16629	4301333343	FEDERAL 14-24-9-16	SESW	24	9S	16E	DUCHESNE	1/18/2008	1/24/08
WELL 5 COMMENTS: <u>GRRV</u>											

WELL 6 COMMENTS:

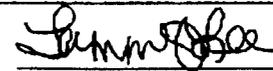
- ACTION CODES (See instructions on back of form)
- A - new entity for new well (single well only)
 - B - well to existing entity (group or unit well)
 - C - from one existing entity to another existing entity
 - D - well from one existing entity to a new entity
 - E - other (explain in comments section)

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

RECEIVED

JAN 23 2008

DIV. OF OIL, GAS & MINING


 Signature

Tammi Lee

Production Clerk

01/23/08

Date

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.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

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)
 Section 23 T9S R16E

5. Lease Serial No.
 UTU-15855

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 5-23-9-16

9. API Well No.
 4301332960

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

The above mentioned well went on production 3/5/08. See attached daily activity report.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Tammi Lee	Title Production Clerk
Signature 	Date 03/10/2008

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 reverse)

RECEIVED

MAR 12 2008

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 5-23-9-16**12/1/2007 To 4/29/2008****2/21/2008 Day: 1****Completion**

Rigless on 2/20/2008 - 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 @ 5718' & cement top @ 100'. Perforate stage #1. A1 sds @ 4913-46' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 132 shots (2 runs). 137 BWTR. SIFN.

2/28/2008 Day: 2**Completion**

Rigless on 2/27/2008 - Stage #1, A1 sands. RU BJ Services. 0 psi on well. Frac A1 sds w/ 160,392#'s of 20/40 sand in 1152 bbls of Lightning 17 fluid. Broke @ 2852 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1802 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2132 psi. Leave pressure on well. 1289 BWTR Stage #2, B2 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 10' perf gun. Set plug @ 4870'. Perforate B2 sds @ 4755-65' 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. RU BJ Services. 1650 psi on well. Frac B2 sds w/ 40,119#'s of 20/40 sand in 422 bbls of Lightning 17 fluid. Broke @ 3289 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1740 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1900 psi. Leave pressure on well. 1711 BWTR Stage #3, B.5 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 9' perf gun. Set plug @ 4740'. Perforate B.5 sds @ 4681-90' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 36 shots. RU BJ Services. 1455 psi on well. Frac B.5 sds w/ 15,432#'s of 20/40 sand in 275 bbls of Lightning 17 fluid. Broke @ 3198 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2350 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1943 psi. Leave pressure on well. 1986 BWTR Stage #4, C sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 13' perf gun. Set plug @ 4660'. Perforate C sds @ 4612-25' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 52 shots. RU BJ Services. 1275 psi on well. Frac C sds w/ 60,639#'s of 20/40 sand in 500 bbls of Lightning 17 fluid. Broke @ 2208 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2137 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2346 psi. Leave pressure on well. 2486 BWTR Stage #5, GB6 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 10' perf gun. Set plug @ 4100'. Perforate GB6 sds @ 3982-92' 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. RU BJ Services. 1610 psi on well. Frac GB6 sds w/ 46,568#'s of 20/40 sand in 418 bbls of Lightning 17 fluid. Broke @ 2549 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1726 psi @ ave rate of 23.3 BPM. ISIP 1825 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 7 hrs & died. Rec. 420 BTF. SIWFN w/ 2484 BWTR.

3/1/2008 Day: 3**Completion**

Western #4 on 2/29/2008 - Move in Western rig #4. Was unable to rig up, Due to location conditions. NPC construcion crew doing dirt work on location (Location is a mess). Sent rig crew home. Will attempt to MIRU on Monday morning. 2484 BWTR.

3/4/2008 Day: 4**Completion**

Western #4 on 3/3/2008 - MIRU western #4. Thaw wellhead & BOP W/ HO trk. No pressure on

well. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & used/inspected YB 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 4065'. Tbg displaced 10 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4065', plug @ 4100' in 17 minutes; sd @ 4610', plug @ 4660' in 19 minutes; sd @ 4675', plug @ 4740' in 20 minutes; sd @ 4805', plug @ 4870' in 14 minutes. Circ hole clean W/ no fluid loss. Hang back swivel & SIFN W/ est 2474 BWTR.

3/5/2008 Day: 5

Completion

Western #4 on 3/4/2008 - Thaw wellhead, BOP & tbg stump W/ HO trk. No pressure on well. Con't PU & TIH W/ bit and tbg f/ 4901'. Tag fill @ 5488'. PU swivel. Drill plug remains & sd to PBTD @ 5760'. Circ hole clean. Lost est 80 BW during cleanout (after exposing A sds). RD swivel. Pull EOT to 5695'. RU swab equipment. IFL @ sfc. Made 16 swb runs rec 165 BTF W/ light gas, tr oil & no sd. FFL @ 1700'. SIFN W/ est 2389 BWTR.

3/6/2008 Day: 6

Completion

Western #4 on 3/5/2008 - Thaw wellhead, BOP & tbg stump W/ HO trk. Bleed gas off well. TIH W/ tbg. Tag sd @ 5750' (10' new fill). C/O sd to PBTD @ 5760'. Circ hole clean. Lost est 40 BW. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new CDI 5 1/2" TA (45K) & 154 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 4904' W/ SN @ 4970' & EOT @ 5034'. Land tbg W/ 16,000# tension. NU wellhead. RU & flush tbg W/ 60 BW (returned 50 bbls). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 19.5' RHAC pump, 6-1 1/2" weight rods, 20-3/4" scraped rods, 73-3/4" plain rods, 99-3/4" scraped rods, 1-6' & 1-2' X 3/4" pony rods and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 5 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 2444 BWTR. Place well on production @ 5:00 PM 3/5/2008 W/ 120" 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-15855

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Federal

8. FARM OR LEASE NAME, WELL NO.

Federal 5-23-9-16

9. WELL NO.

43-013-32960

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

Sec. 23, T9S, R16E

1a. TYPE OF WORK

OIL WELL [X] GAS WELL [] DRY [] Other []

1b. TYPE OF WELL

NEW WELL [X] 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 2125' FNL & 575' FWL (SW/NW) Sec. 23, T9S, R16E

At top prod. Interval reported below 2145 574

At total depth

14. API NO. 43-013-32960 DATE ISSUED 11/29/07

12. COUNTY OR PARISH Duchesne

13. STATE UT

15. DATE SPUDDED 01/17/08

16. DATE T.D. REACHED 01/26/08

17. DATE COMPL. (Ready to prod.) 03/05/08

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5749' GL 5761' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5825'

21. PLUG BACK T.D., MD & TVD 5760'

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 3982'-4946'

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)

Table with 5 columns: CASING SIZE/GRADE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, TOP OF CEMENT, CEMENTING RECORD, AMOUNT PULLED. Rows include 8-5/8" - J-55 and 5-1/2" - J-55.

29. LINER RECORD

Table with 5 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD).

30. TUBING RECORD

Table with 3 columns: SIZE, DEPTH SET (MD), PACKER SET (MD). Values include 2-7/8", EOT @ 5035', TA @ 4905'.

31. PERFORATION RECORD (Interval, size and number)

Table with 4 columns: INTERVAL, SIZE, SPF/NUMBER, ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Rows include (A1) 4913'-4946', (B2) 4755'-4765', (B.5) 4681'-4690', (C) 4612'-4625', (GB6) 3982'-3992'.

33.* PRODUCTION

Table with 4 columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD.N. FOR TEST PERIOD, OIL-BBLS., GAS-MCF., WATER-BBL., GAS-OIL RATIO, 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

APR 09 2008

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 Jentry Park

TITLE Production Technician

DATE 4/7/2008

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);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 5-23-9-16	Garden Gulch Mkr	3457'	
				Garden Gulch 1	3666'	
				Garden Gulch 2	3775'	
				Point 3 Mkr	4019'	
				X Mkr	4287'	
				Y-Mkr	4322'	
				Douglas Creek Mkr	4441'	
				BiCarbonate Mkr	4669'	
				B Limestone Mkr	4768'	
				Castle Peak	5282'	
				Basal Carbonate	5734'	
				Total Depth (LOGGERS)	5815'	

NEWFIELD



Well Name: Federal 5-23-9-16
 LOCATION: S23, T9S, R16E
 COUNTY/STATE: Duchesne
 API: 43-013-32960

Spud Date: 1-17-08
 TD: 5825'
 CSG: 1-27-08
 POP: 3-5-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
3/5/2008				2389				POP @ 5:00 P.M. w/ 120" SL @ 5 SPM. 2389 Total water to recover.
3/6/2008	15	80	60	2329	0	55	5	
3/7/2008	24	2	0	2329	0	50	5	
3/8/2008	24	0	48	2281	0	0	6 1/2	
3/9/2008	24	27	0	2281	0	0	6 1/2	
3/10/2008	24	2	0	2281	28	30	6 1/2	
3/11/2008	24	0	60	2221	0	10	6 1/2	
3/12/2008	24	17	0	2221	0	0	6 1/2	
3/13/2008	24	97	42	2179	28	68	6 1/2	
3/14/2008	24	63	50	2129	28	72	6 1/2	
3/15/2008	24	80	17	2112	34	68	6 1/2	
3/16/2008	24	107	20	2092	35	70	6 1/2	
3/17/2008	24	87	27	2065	42	60	6 1/2	
3/18/2008	24	42	72	1993	45	65	6 1/2	
3/19/2008	24	118	30	1963	62	60	6 1/4	
3/20/2008	24	96	31	1932	62	60	6 1/4	
3/21/2008	24	90	43	1889	75	60	6	
3/22/2008	24	98	30	1859	75	63	6 1/4	
3/23/2008	24	83	31	1828	62	60	6	
3/24/2008	24	96	35	1793	59	60	6	
3/25/2008				1793				
3/26/2008				1793				
3/27/2008				1793				
3/28/2008				1793				
3/29/2008				1793				
3/30/2008				1793				
3/31/2008				1793				
4/1/2008				1793				
4/2/2008				1793				
4/3/2008				1793				
4/4/2008				1793				
4/5/2008				1793				
		1185	596		635			

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-15855
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 5-23-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013329600000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2145 FNL 0574 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 23 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: 12/12/2012	<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 type="checkbox"/> OTHER	OTHER: <input type="text"/>

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 12/11/2012. On 12/12/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/12/2012 the casing was pressured up to 1610 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 350 psig during the test. There was not a State representative available to witness the test.

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

Date: January 16, 2013

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/19/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: _____ Date 12/12/12 Time 9:30 am pm
Test Conducted by: Riley Bagley
Others Present: _____

Well: <u>Federal 5-23-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>Federal 5-23-9-16</u>	API No: <u>43-1332 960</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1610</u>	psig
5	<u>1610</u>	psig
10	<u>1610</u>	psig
15	<u>1610</u>	psig
20	<u>1610</u>	psig
25	<u>1610</u>	psig
30 min	<u>1610</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 350 psig

Result: Pass Fail

Signature of Witness: _____
Signature of Person Conducting Test: Riley Bagley

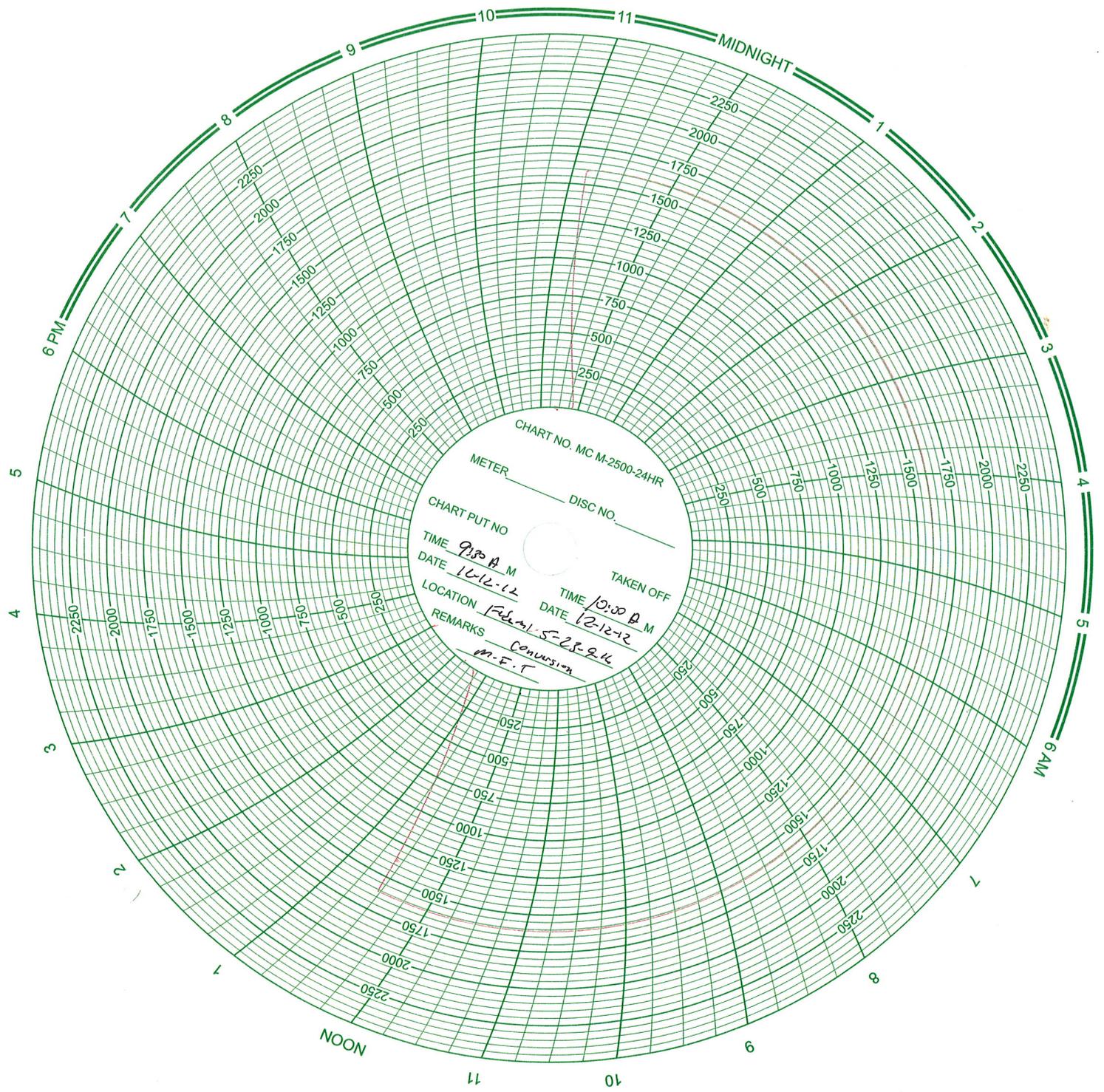


CHART NO. MC M-2500-24HR
METER _____ DISC NO. _____
CHART PUT NO. _____
TIME 9:30 A.M. TAKEN OFF
DATE 10-12-12 DATE 12-12-12
LOCATION Felt, S-23-24
REMARKS Conversion
M.F.T.

Daily Activity Report

Format For Sundry

FEDERAL 5-23-9-16

10/1/2012 To 2/28/2013

12/7/2012 Day: 1

Conversion

WWS#3 on 12/7/2012 - MIRUSU, LD rods - Wait on Benco, Pump 60 bbls down csg, unseat pump, w/12000 over string wt. Flush rods & tbg w/40bbls, reseal pump, soft seat and test to 3000psi w/10bbls. LD 1-2, 1-6-3/4. Pony rods 99-3/4 guided and 30-3/4 slick rods . SDFN

Daily Cost: \$0

Cumulative Cost: \$14,730

12/10/2012 Day: 2

Conversion

WWS#3 on 12/10/2012 - flush rods and TBG TOO H W/TAC draging and breaking + redoping - Crew travel + safety meeting, flush rods and tubing W/30 bbls cant TOO H as follows 2,6y 3/4 pony rods 99 3/4 guided rods, 73 3/4 slick rods, 20 3/4 guided rods, 6-1 1/2 WT rods, X-overt TBG equipment ND wellhead release TAC, NU BOPs, RU floor + TBG equipment, TOO H W/ TAC draging breaking + redope + tally total 124 JTS, CWI @ 4:00.

Daily Cost: \$0

Cumulative Cost: \$21,320

12/11/2012 Day: 3

Conversion

WWS#3 on 12/11/2012 - TOH w/tubing psi test - Cont tooh, LD 35 jts. Put TIH w/ X-N, 6' Pup jt, x-over, packer, on/off tool & PSN. !@# jts 27/8 J55 pump 10 bbls. Drop SV, pressure up to 3000 psi. Loosing 25 psi in 30min. LD 8 pup jt, press well to 3000psi. Cont losing 25psi every 30 min. Fish SV, pump 10bbls pad. New SV press up to 3000 psi.

Daily Cost: \$0

Cumulative Cost: \$28,035

12/12/2012 Day: 5

Conversion

Rigless on 12/12/2012 - Conduct initial MIT - Crew travel and safety meeting, thaw out wellhead check pressure on well 2420 press TBG UP to 3000PSI get good test @11:00am, fish SV ND BOPs landed TBG W/B-1 Adaptor flange Pump 50 BBLS fresh water W/ PKR fluid Set packer W/15000 tension W/CE @ 3932.90 get good test at 3:30pm, RDMO - On 12/12/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/12/2012 the casing was pressured up to 1610 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 350 psig during the test. There was not a State representative available to witness the test. - On 12/12/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/12/2012 the casing was pressured up to 1610 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 350 psig during the test. There was not a State representative available to witness the test. - Crew travel and safety meeting, thaw out wellhead check pressure on well 2420 press TBG UP to 3000PSI get good test @11:00am, fish SV ND BOPs landed TBG W/B-1 Adaptor flange Pump 50 BBLS fresh water W/ PKR fluid Set packer W/15000 tension W/CE @ 3932.90 get good test at 3:30pm, RDMO **Finalized**

Daily Cost: \$0

Cumulative Cost: \$118,179

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-15855
1. TYPE OF WELL Water Injection 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 5-23-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2145 FNL 0574 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 23 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013329600000
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	COUNTY: DUCHESNE
STATE: UTAH	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: 5/3/2013	<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 10:30 AM on
05/03/2013.

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

Date: May 14, 2013

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/6/2013	

NEWFIELD



November 22, 2005

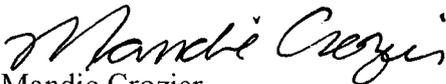
State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 2-22-9-16, 8-22-9-16, 5-23-9-16, 8-23-9-16, 6-24-9-16, and Sundance Federal 12-1-9-17.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 8-22-9-16 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
NOV 23 2005
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-15855

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 5-23-9-16

9. API Well No.
43-013-32960

10. Field and Pool, or Exploratory Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SW/NW Sec. 23, 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/NW 2125' FNL 575' FWL 577370X 40.01772
At proposed prod. zone 4429907Y -110.09340

14. Distance in miles and direction from nearest town or post office*
Approximatley 18.7 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. 575' f/lse, NA' f/unit

16. No. of Acres in lease
1200.00

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. 1540'

19. Proposed Depth
5870'

20. BLM/BIA Bond No. on file
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5749' GL

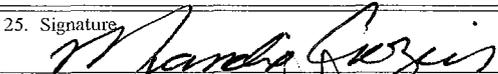
22. Approximate date work will start*
1st Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release.

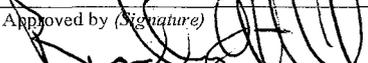
24. Attachments

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

- 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  Name (Printed/Typed) Mandie Crozier Date 11/22/05

Title Regulatory Specialist

Approved by (Signature)  Name (Printed/Typed) BRADLEY G HILL Date 11-29-05

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

NOV 23 2005

DIV. OF OIL, GAS & MINING

**Federal Approval of this
Action is Necessary**

NEWFIELD PRODUCTION COMPANY
FEDERAL #5-23-9-16
SW/NW SECTION 23, 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' – 1975'
Green River	1975'
Wasatch	5870'

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

Green River Formation 1975' – 5870' - 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 #5-23-9-16
SW/NW SECTION 23, 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 #5-23-9-16 located in the SW 1/4 NW 1/4 Section 23, 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 southeasterly - 11.7 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 4.5 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 130' \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

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report # 05-270, 9/7/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #5-23-9-16 Newfield Production Company requests 130' of disturbed area be granted in Lease UTU-15855 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 130' of disturbed area be granted in Lease UTU-15855 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 555' of disturbed area be granted in Lease UTU-075174 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

Golden Eagle: Due to this proposed well access roads proximity (less that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and June 30. If the nest remains inactive on June 30th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between June 30 and March 1 of the following year. If the nest site becomes active prior to June

30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt will be optional upon construction. 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)

Crested Wheatgrass *Agropyron Cristatum* 12 lbs/acre

Details of the On-Site Inspection

The proposed Federal #5-23-9-16 was on-sited on 8/31/05. The following were present; Shon Mckinnon (Newfield Production) and Todd MaGrath (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

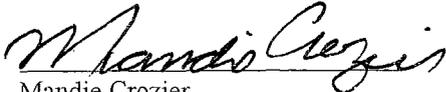
Name: Shon Mckinnon
Address: Route #3 Box 3630
 Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #5-23-9-16 SW/NW Section 23, Township 9S, Range 16E: Lease UTU-15855 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.

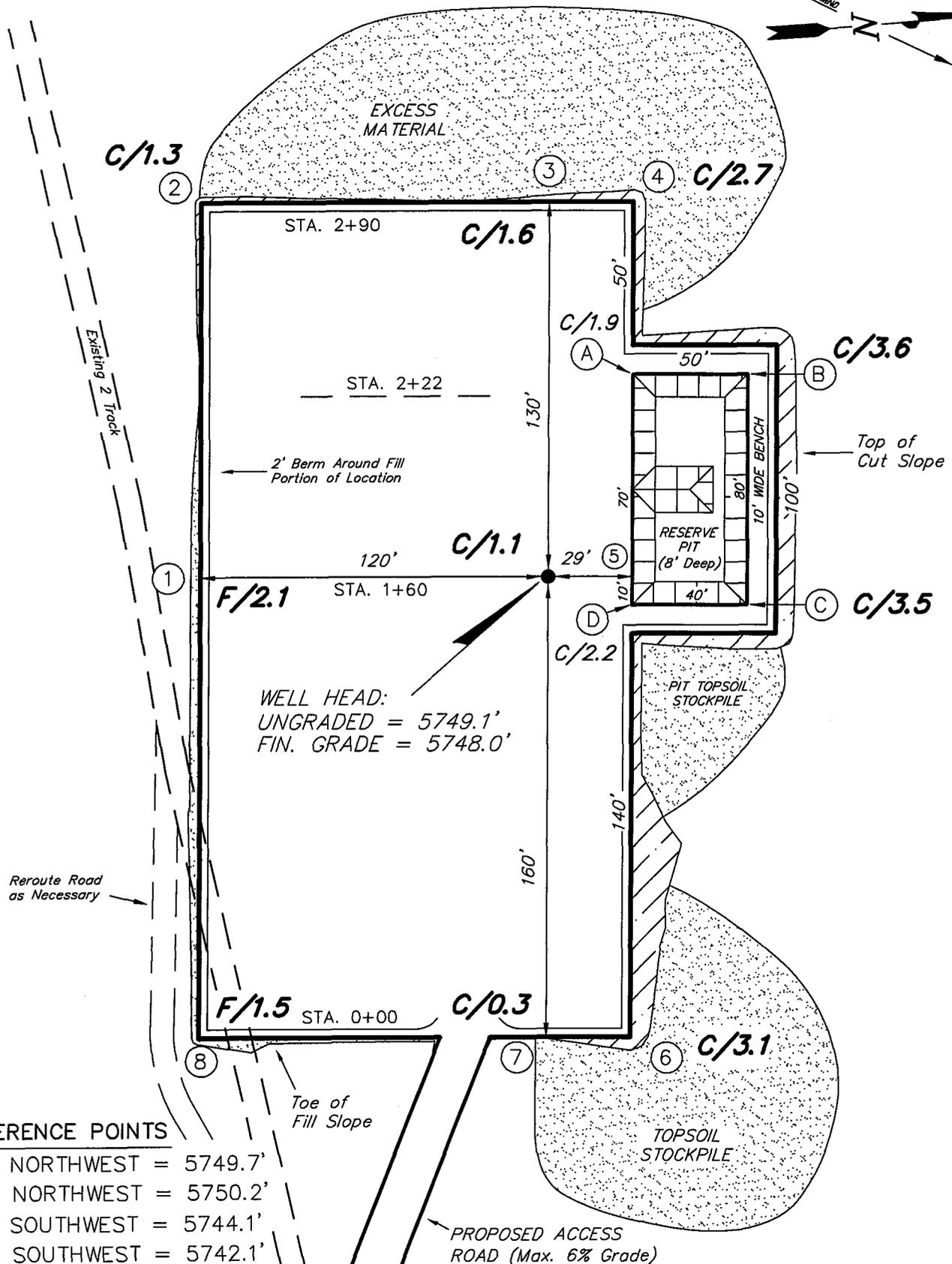
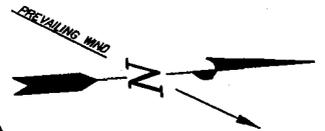
November 22, 2005
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

CASTLE PEAK 5-23

Section 23, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

- 180' NORTHWEST = 5749.7'
- 230' NORTHWEST = 5750.2'
- 170' SOUTHWEST = 5744.1'
- 220' SOUTHWEST = 5742.1'

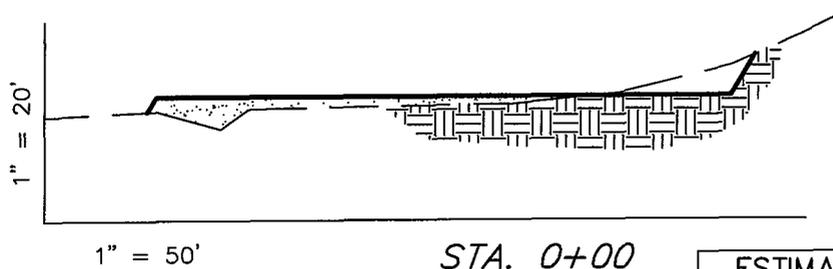
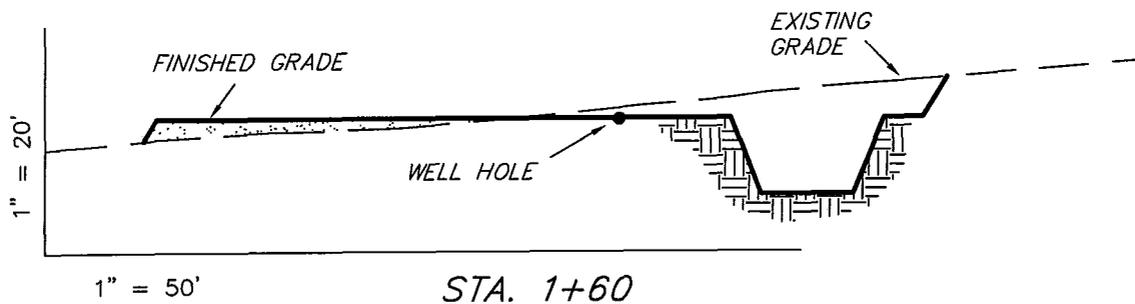
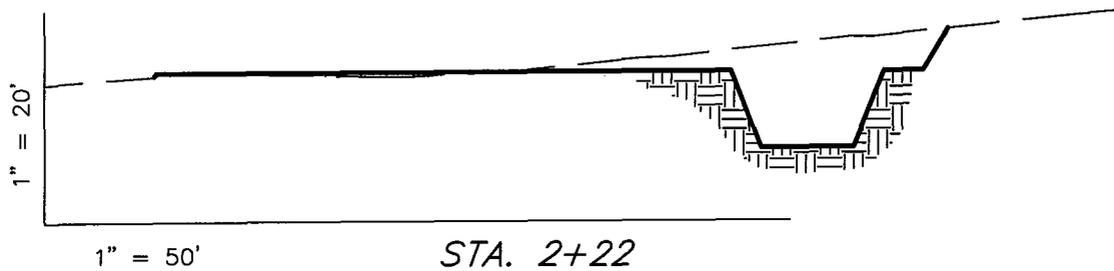
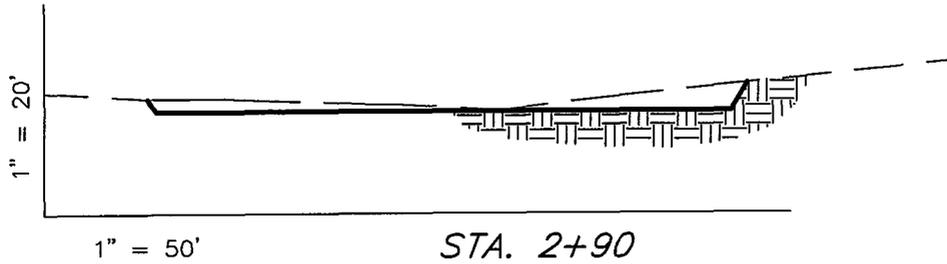
SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 10-4-05

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

CASTLE PEAK 5-23



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

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,300	1,300	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,940	1,300	960	640

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

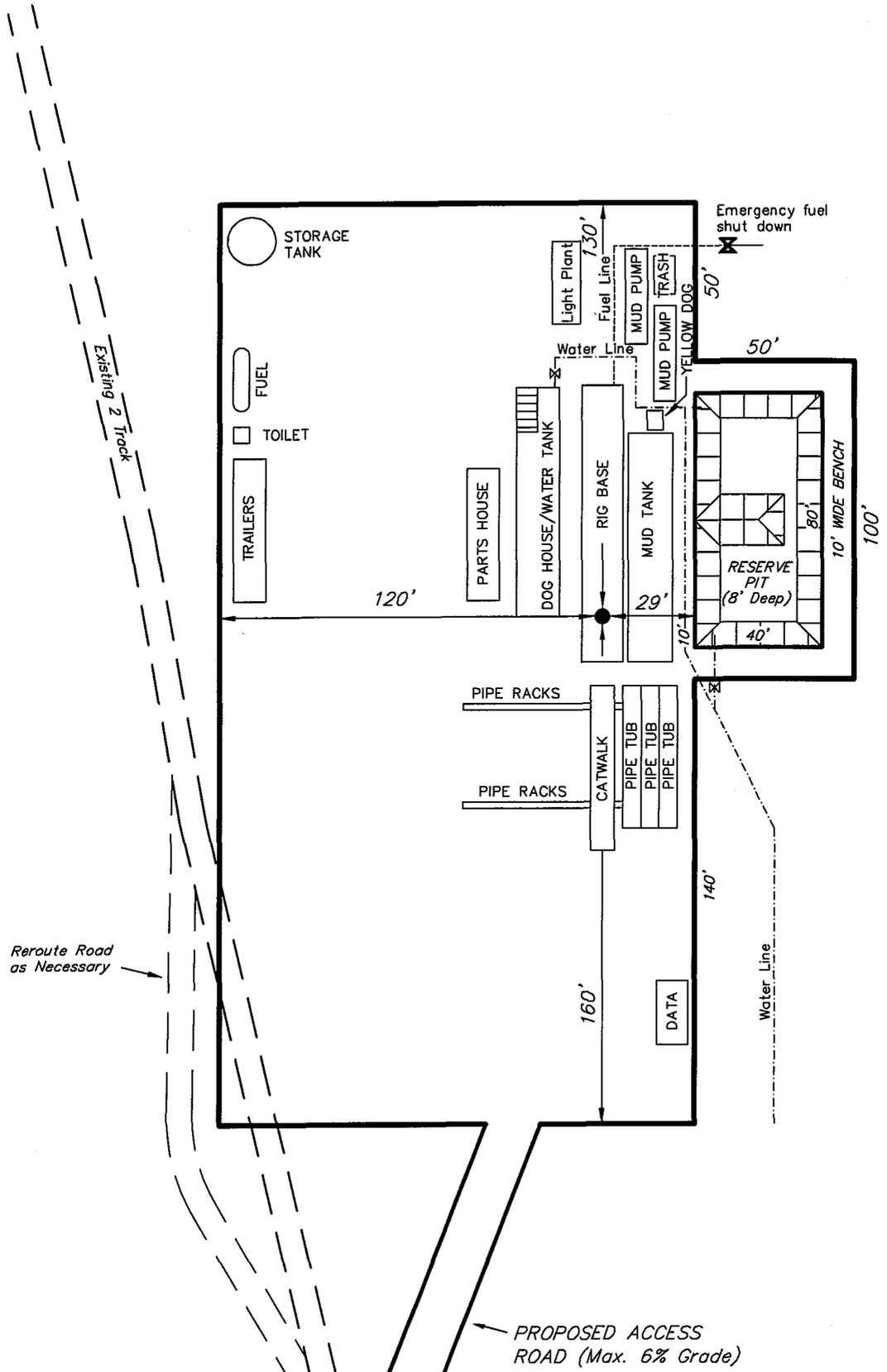
DATE: 10-4-05

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

CASTLE PEAK 5-23

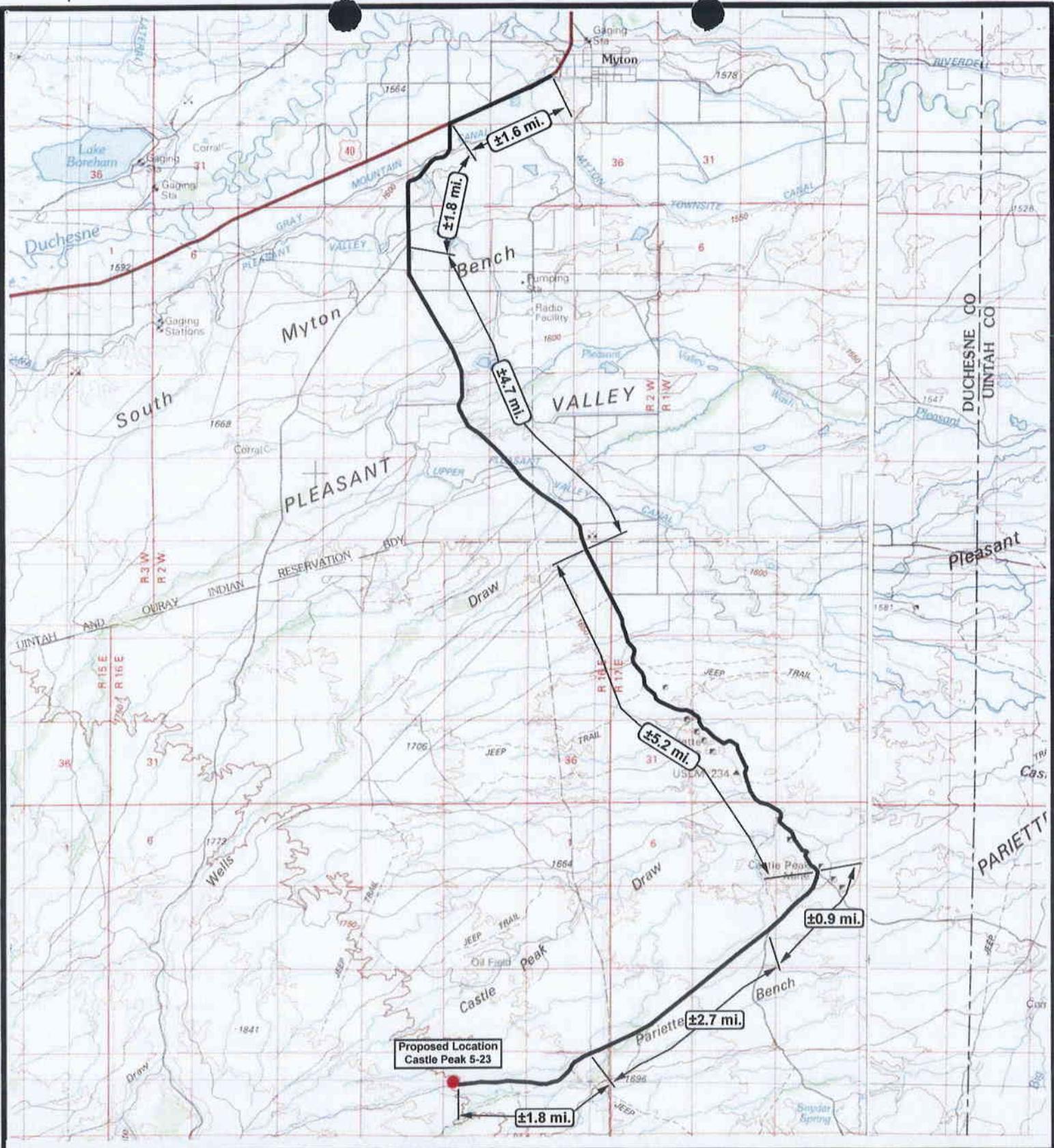


SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 10-4-05

(435) 781-2501

Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



NEWFIELD
Exploration Company

Castle Peak 5-23-9-16
SEC. 23, T9S, R16E, S.L.B.&M.



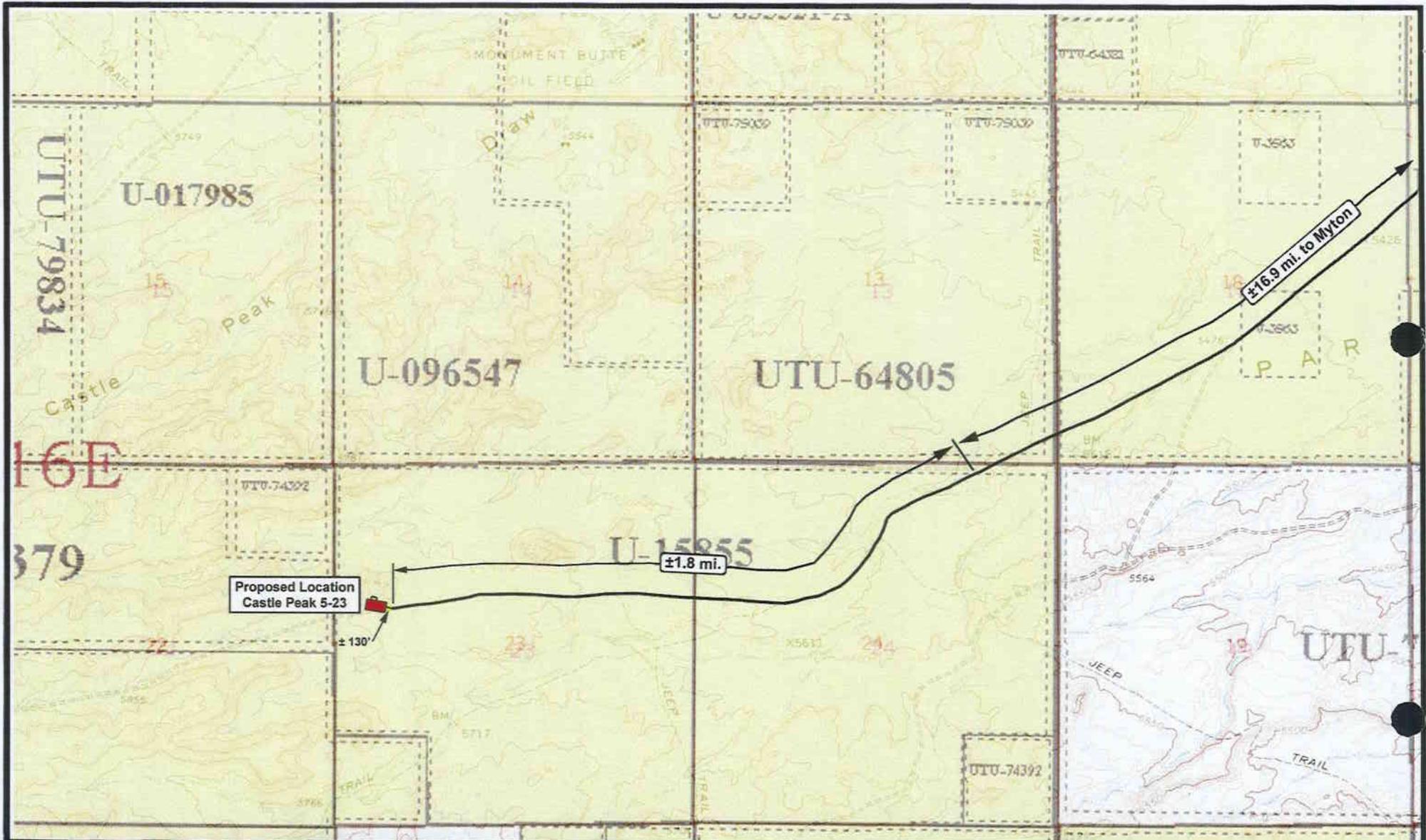
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 10-06-2005

Legend

— Existing Road
— Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

Castle Peak 5-23-9-16
SEC. 23, T9S, R16E, S.L.B.&M.

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

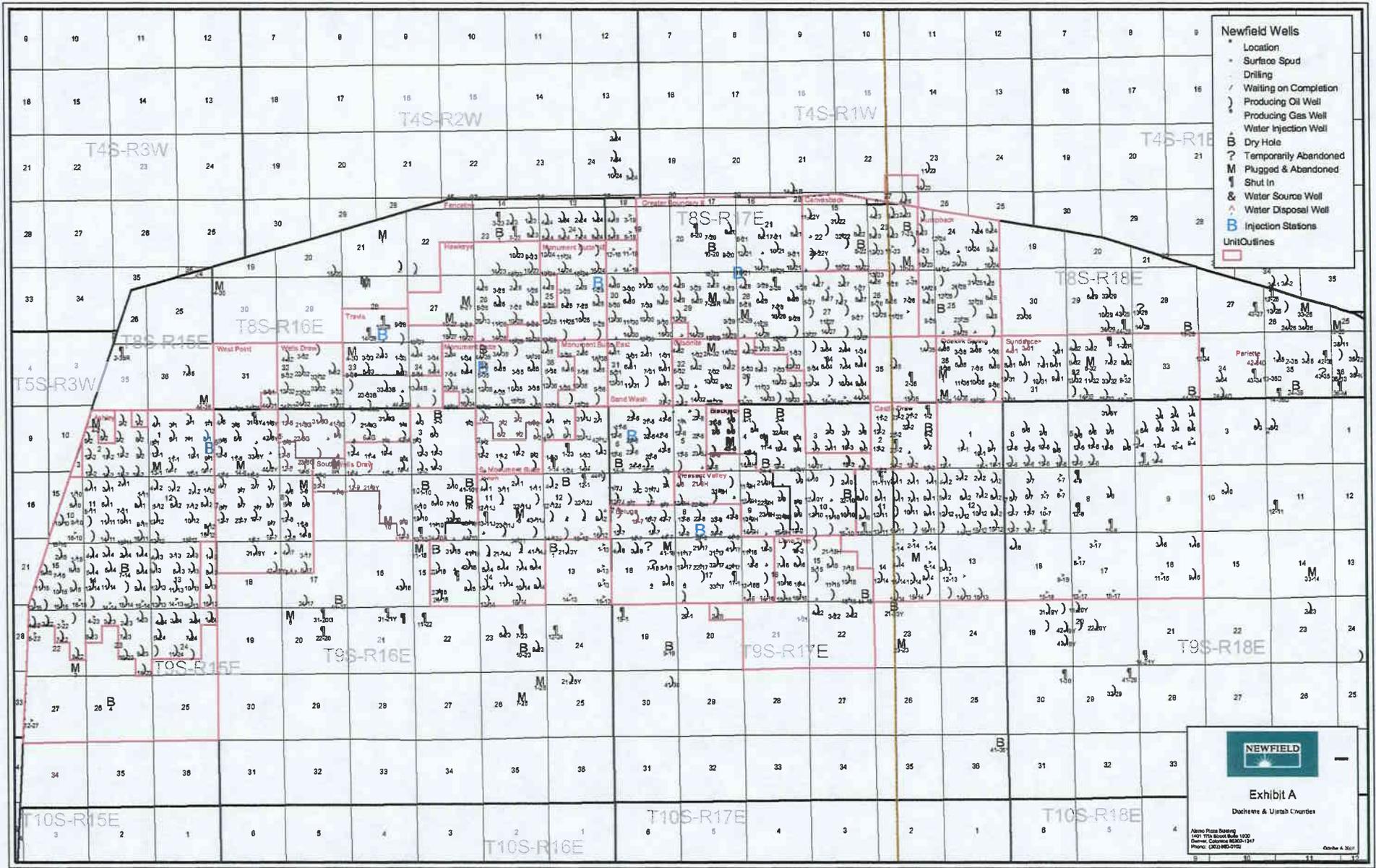
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 10-06-2005

Legend

Existing Road
Proposed Access

"B"

UTU-11385



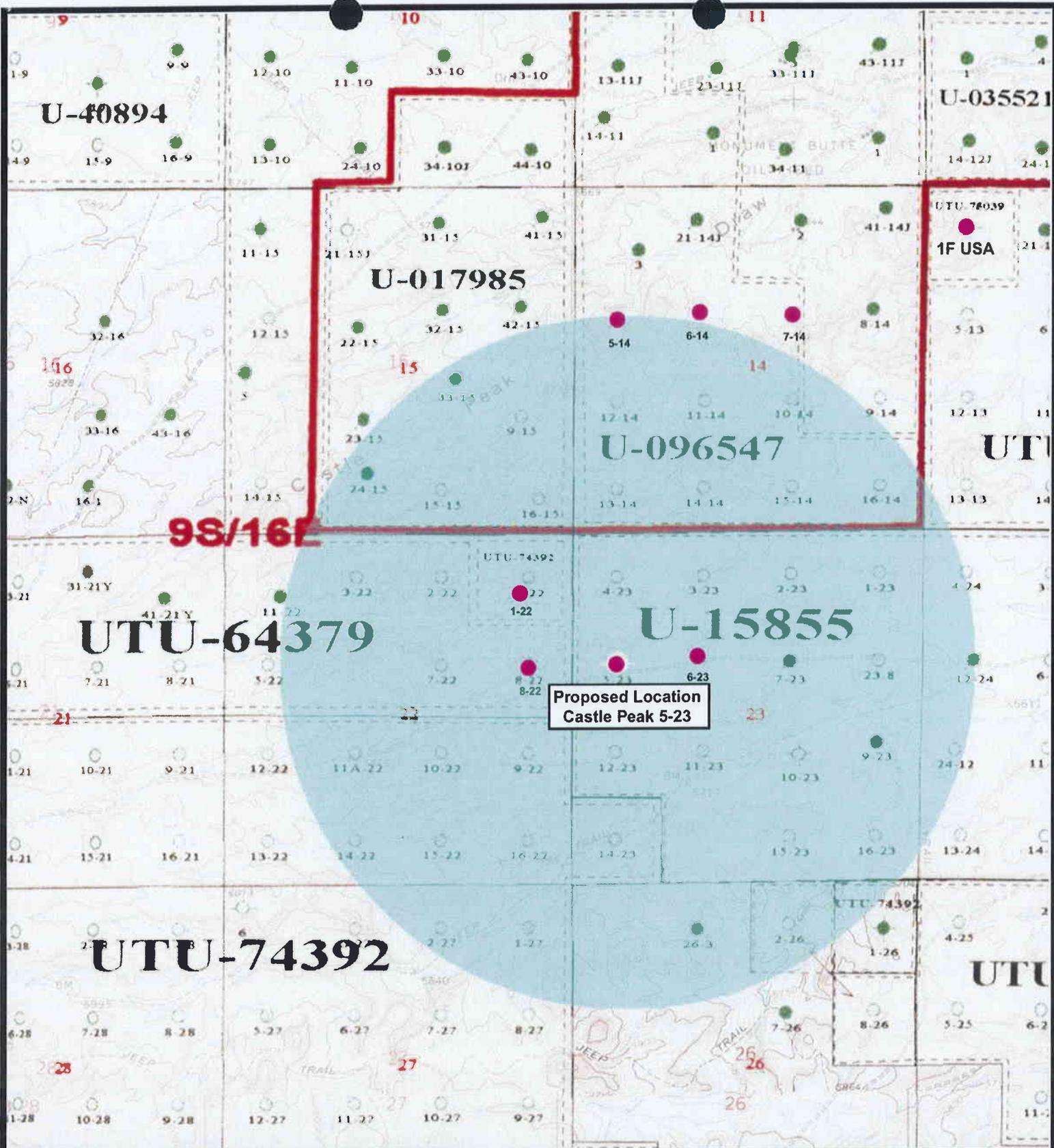
- Newfield Wells**
- Location
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
 - Water Source Well
 - Water Disposal Well
 - Injection Stations
- Unit Outlines**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



Exhibit A
Duchesne & Uintah Counties

Alpha Data Services
1401 17th Street Suite 1000
Denver, Colorado 80202-1344
Phone: (303) 985-0702

Circle 4 of 36



NEWFIELD
Exploration Company

Castle Peak 5-23-9-16
SEC. 23, 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: 10-06-2005

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

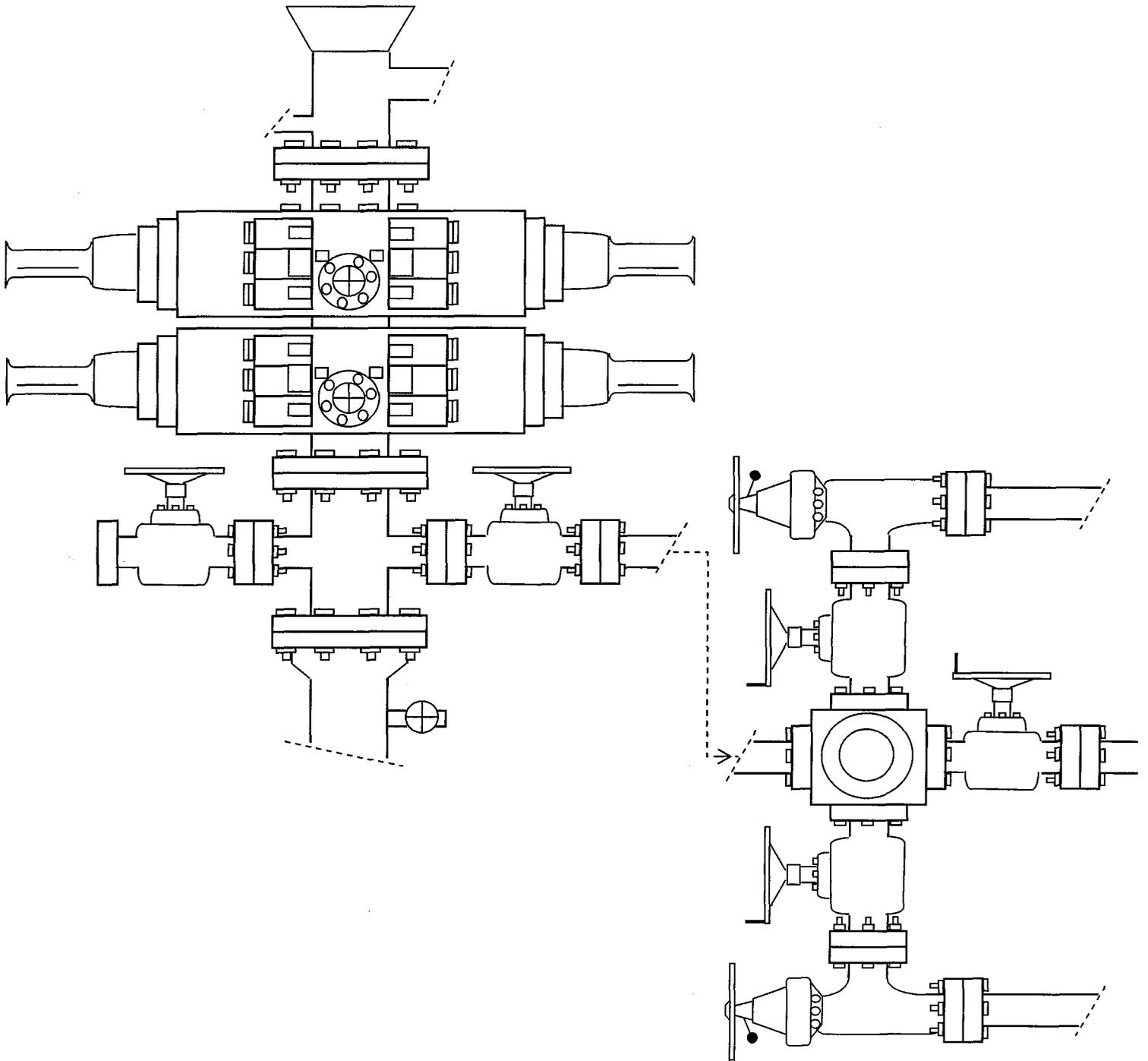


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 23 and 24,
DUCHESNE COUNTY, UTAH

By:

Andre' Jendresen
and
Keith Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

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

Submitted By:

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

MOAC Report No. 05-270

September 7, 2005

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

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0831b

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: 11/23/2005

API NO. ASSIGNED: 43-013-32960

WELL NAME: FEDERAL 5-23-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNW 23 090S 160E
 SURFACE: 2125 FNL 0575 FWL
 BOTTOM: 2125 FNL 0575 FWL
 DUCHESNE
 MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-15855
 SURFACE OWNER: 1 - Federal
 PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

LATITUDE: 40.01772
 LONGITUDE: -110.0934

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT0056)
- 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:

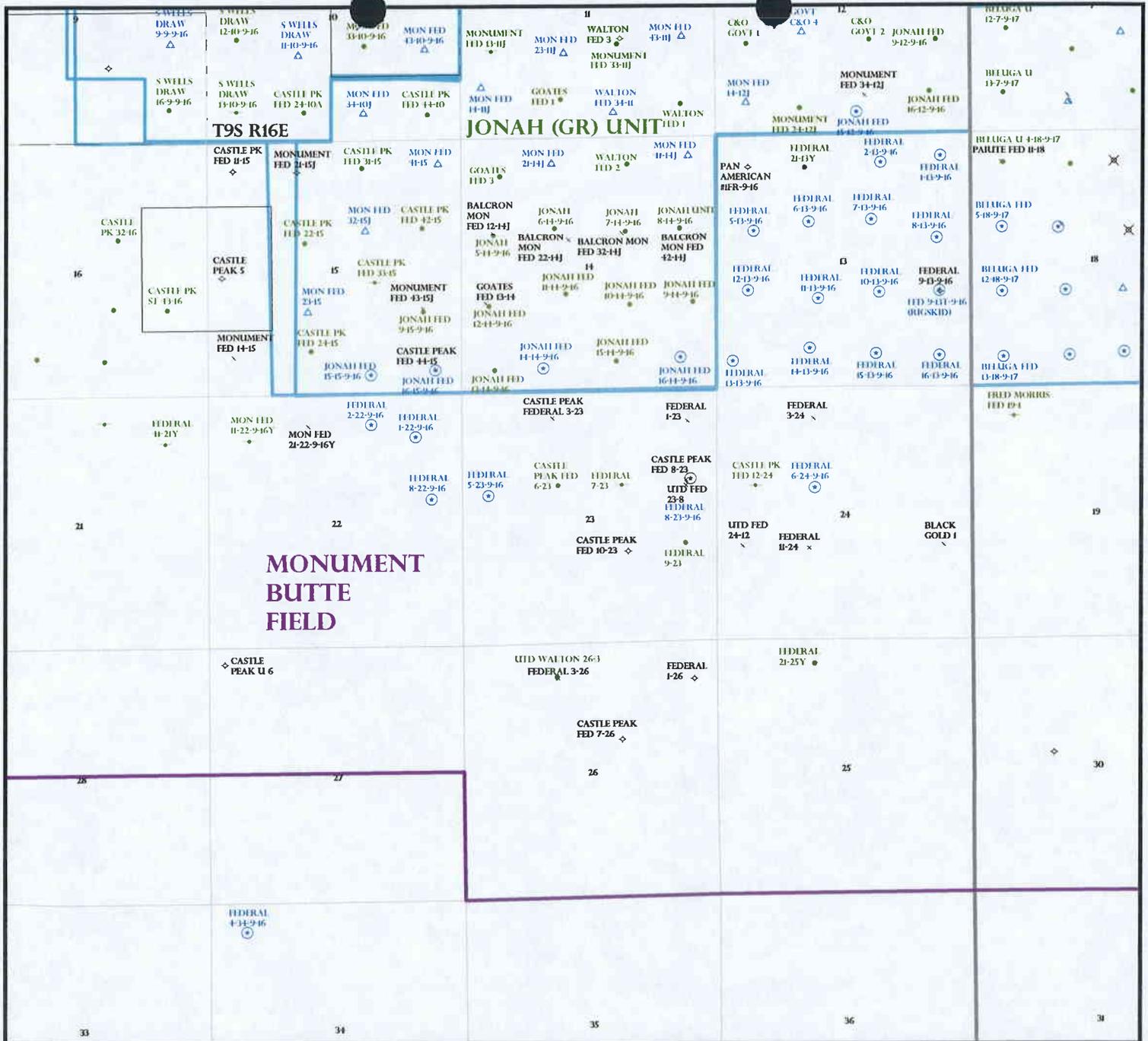
- ___ R649-2-3.
- Unit _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- ___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- ___ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

- 1- Federal Approval
- 2- Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 22,23,24 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

- 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: 29-NOVEMBER-2005



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

November 29, 2005

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

Re: Federal 5-23-9-16 Well, 2125' FNL, 575' FWL, SW NW, Sec. 23, 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.

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 43-013-32960.

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 5-23-9-16

API Number: 43-013-32960

Lease: UTU-15855

Location: SW NW Sec. 23 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

NOV 20 2005

BLM VERNAL, UTAH

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-15855
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 5-23-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NW 2125' FNL 575' FWL At proposed prod. zone		9. API Well No. 43-013-32960
14. Distance in miles and direction from nearest town or post office* Approximatley 18.7 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. 575' f/lse, NA' f/unit	16. No. of Acres in lease 1200.00	11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 23, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1540'	17. Spacing Unit dedicated to this well 40 Acres	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5749' GL	19. Proposed Depth 5870'	13. State UT
22. Approximate date work will start* 1st Quarter 2006		20. BLM/BIA Bond No. on file UT0056
23. Estimated duration Approximately seven (7) days from stud 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>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 11/22/05
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kenelka</i>	Name (Printed/Typed) JERRY KENELKA	Date 9-8-2006
Title Assistant Field Manager Lands & Mineral Resources	Office	

Application approval does not warrant or certify 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)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED
SEP 15 2006

OIL, GAS & MINING



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
Well No: Federal 5-23-9-16
API No: 43-013- 32960

Location: SWNW, Sec 23, T9S, R16E
Lease No: UTU-15855
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
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:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
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 Chris Carusona) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chris Carusona) | - | 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)***

- 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 November 21, 2005. If the well has not been spudded by November 21, 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 must be complied with.
- Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No drilling or surface disturbing activities are allowed 600' or less from live water.
- 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.
- The reserve pit will be lined with a 16 ml or greater liner prior to spudding.
- 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 liner is to be cut 5 feet below ground 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 that animals do not ingest or become entrapped in pit fluids.
- The well pad and access/pipeline require monitoring by a qualified Paleontologist prior to and during any surface disturbing activities.
- Prevent fill and stock piles from entering drainages.
- Cultural And Paleontological Resources - Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as

to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

- The access road will be crowned and ditched. Flat-bladed roads are NOT allowed.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- The boulders >3' found at the surface or above ground will be saved for final reclamation.
- Interim Reclamation (see below):
- Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is converted to an injection well, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.

Interim Reclamation Seed Mix for location:

Galleta grass	<i>Hilaria jamesii</i>	6 lbs/acre
Western wheatgrass	<i>Pascopyrum smithii</i>	<u>6 lbs/acre</u>
	Per Live Seed Total	12 lbs/acre

- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed it should be re-contoured, then the area should be seeded in the same manner as the topsoil.
- There shall be no primary or secondary noxious weeds in the seed mixture.
- Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
- The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
- The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

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

- None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 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.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- 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.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- 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.
- 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.
- 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 surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- 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.
- 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.

- 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.
- 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:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and / or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 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
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-15855

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
FEDERAL 5-23-9-16

9. API Well No.
43-013-32960

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
2125 FNL 575 FWL SW/NW Section 23, T9S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other Permit Extension <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 11/29/05 (expiration 11/29/06).

This APD is not yet due to expire with the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10-30-06
By: [Signature]

COPY SENT TO OPERATOR
Date: 10-31-06
Initials: PM

14. I hereby certify that the foregoing is true and correct

Signed: [Signature] Title: Regulatory Specialist Date: 10-27-2006
Mandie Crozier

CC: ULAHDOGMI

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____

RECEIVED

OCT 30 2006

DIV. OF OIL, GAS & MINING



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-32960
Well Name: Federal 5-23-9-16
Location: SW/NW Section 23, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 11/29/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No


Signature

10/27/2006
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

OCT 30 2006

DIV. OF OIL, GAS & MINING

RECEIVED
INTERNAL FIELD OFFICE
2007 SEP 11 PM 1:22
DEPT. OF THE INTERIOR
BUREAU OF LAND MGMT.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
2125 FNL 575 FWL SW/NW Section 23, T9S R16E

5. Lease Designation and Serial No.
UTU-15855

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
FEDERAL 5-23-9-16

9. API Well No.
43-013-32960

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

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

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Permit Extension
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 9/8/06 (expiration 9/8/07).

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct

Signed *Mandie Crozier* Title Regulatory Specialist Date 9/7/2007
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by *Matt Baker* Title Petroleum Engineer Date SEP 14 2007

Conditions of approval, if any:
CC: Utah DOGM

RECEIVED
OCT 09 2007

Title 18 U.S.C. Section 1001, makes 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.



CONDITIONS OF APPROVAL

Newfield Production Co.

Notice of Intent APD Extension

Lease: UTU-15855
Well: Fed 5-23-9-16
Location: SWNW Sec23-T9S-R16E

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

1. The extension and APD shall expire on 09/08/08
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-15855

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
FEDERAL 5-23-9-16

9. API Well No.
43-013-32960

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
2125 FNL 575 FWL SW/NW Section 23, T9S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Permit Extension
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 11/29/05 (expiration 11/29/07).

This APD is not yet due to expire with the BLM.

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

Date: 11-27-07
By: [Signature]

**RECEIVED
NOV 21 2007
DIV. OF OIL, GAS & MINING**

COPY SENT TO OPERATOR
Date: 11/28/2007
Initials: VS

14. I hereby certify that the foregoing is true and correct

Signed Mandie Crozier Title Regulatory Specialist Date 11/20/2007
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-32960
Well Name: Federal 5-23-9-16
Location: SW/NW Section 23, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 11/29/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

Has the approved source of water for drilling changed? Yes No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

Is bonding still in place, which covers this proposed well? Yes No

Mandi Crozier
Signature

11/20/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED
NOV 21 2007
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-15855

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
FEDERAL 5-23-9-16

9. API Well No.
43-013-32960

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

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

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

2125 FNL 575 FWL SW/NW Section 23, T9S R16E

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **APD Change**

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As per the recommendation of Wade E. Miller PH.D., a Paleontological Consultant hired by Newfield Production Company, it is proposed that the above mentioned location be moved 20' to the south. The new footages will be 2145' FNL and 574' FWL. New plats reflecting the requested move are attached.

The remainder of the APD will remain the same.

Approved by the
Utah Division of
Oil, Gas and Mining

577375 X

40.017668

44299024

-110.093340

Date: 17-04-07
By: [Signature]

RECEIVED

NOV 28 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Regulatory Specialist Date 11/27/2007
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

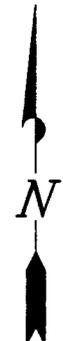
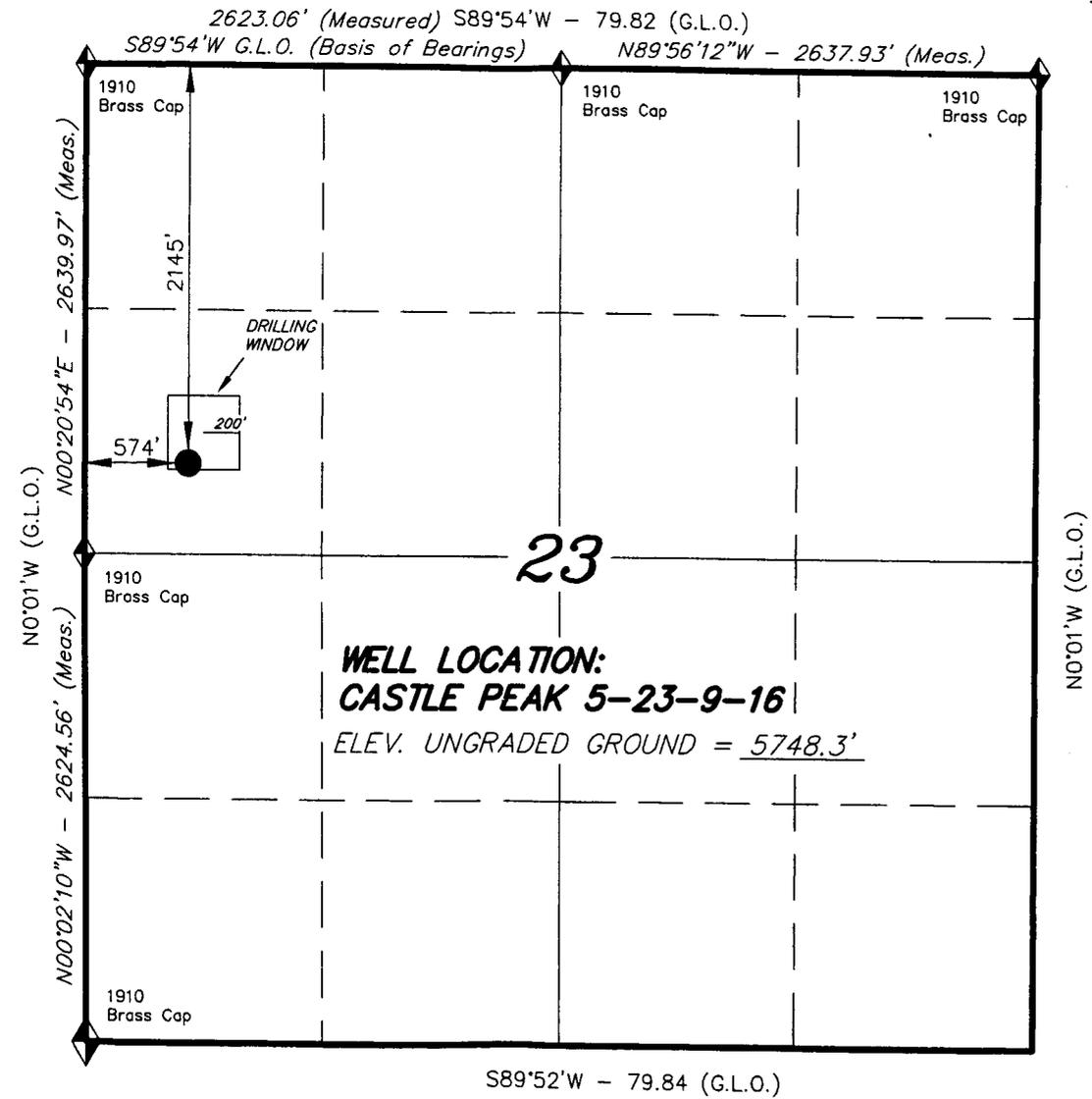
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

COPY SENT TO OPERATOR
Date: 11/27/07
Initials: [Signature]

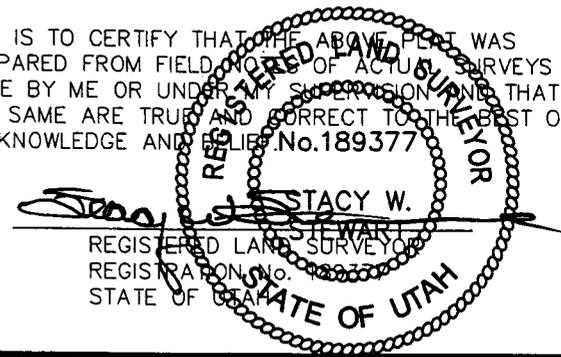
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CASTLE PEAK
5-23-9-16, LOCATED AS SHOWN IN THE
SW 1/4 NW 1/4 OF SECTION 23, 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)

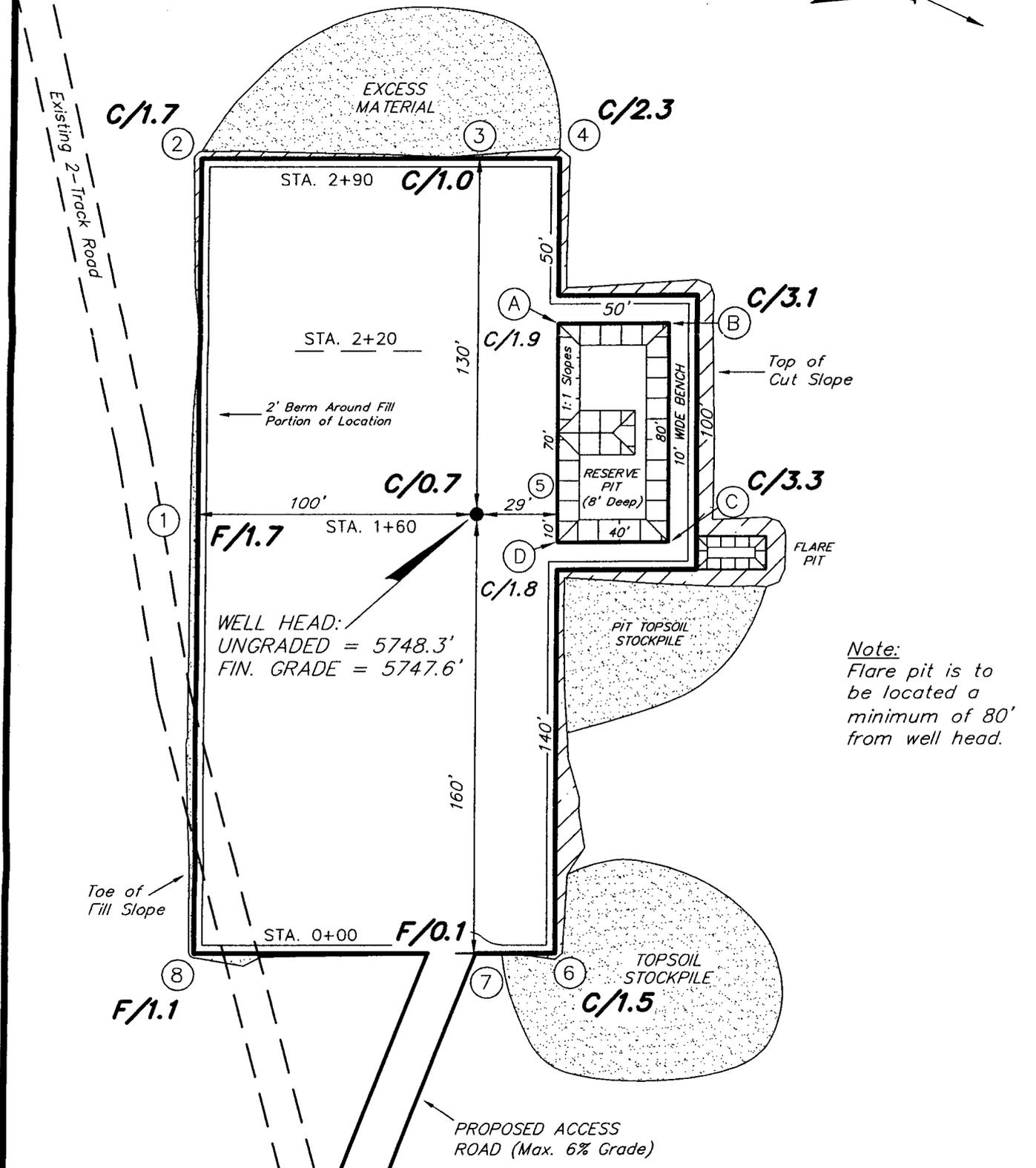
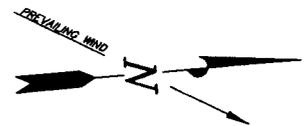
CASTLE PEAK 5-23-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 03.80"
LONGITUDE = 110° 05' 36.02"

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 09-28-05	SURVEYED BY: D.P.
DATE DRAWN: 10-04-05	DRAWN BY: F.T.M.
REVISED: 11-27-07 F.T.M.	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY

CASTLE PEAK 5-23-9-16

Section 23, T9S, R16E, S.L.B.&M.



WELL HEAD:
UNGRADED = 5748.3'
FIN. GRADE = 5747.6'

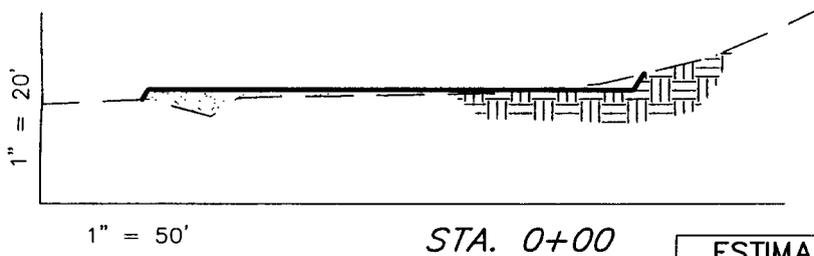
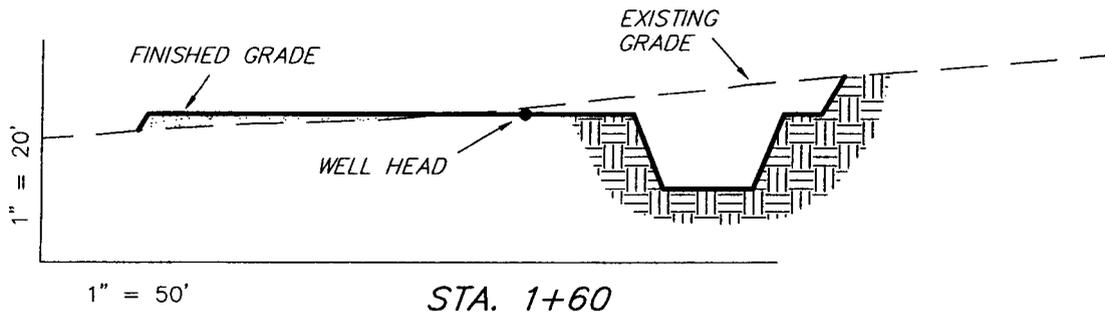
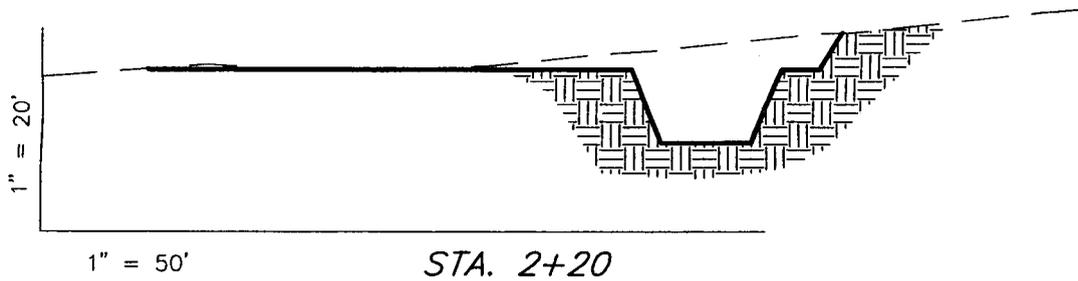
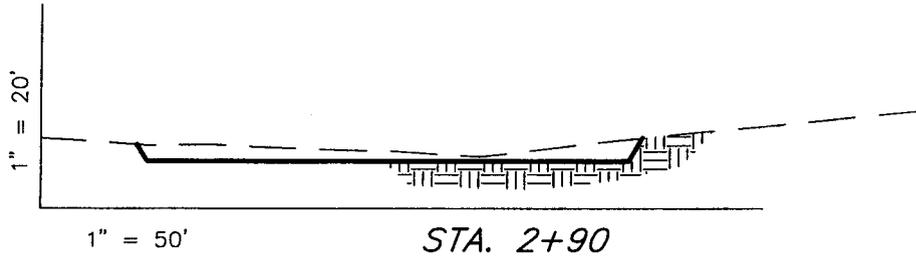
Note:
Flare pit is to be located a minimum of 80' from well head.

SURVEYED BY: D.P.	DATE SURVEYED: 09-28-05
DRAWN BY: F.T.M.	DATE DRAWN: 10-04-05
SCALE: 1" = 50'	REVISED: F.T.M. 11-27-07

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS CASTLE PEAK 5-23-9-16



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	930	930	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,570	930	850	640

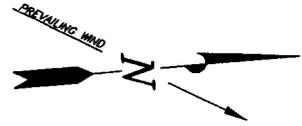
SURVEYED BY: D.P.	DATE SURVEYED: 09-28-05
DRAWN BY: F.T.M.	DATE DRAWN: 10-04-05
SCALE: 1" = 50'	REVISED: F.T.M. 11-27-07

(435) 781-2501

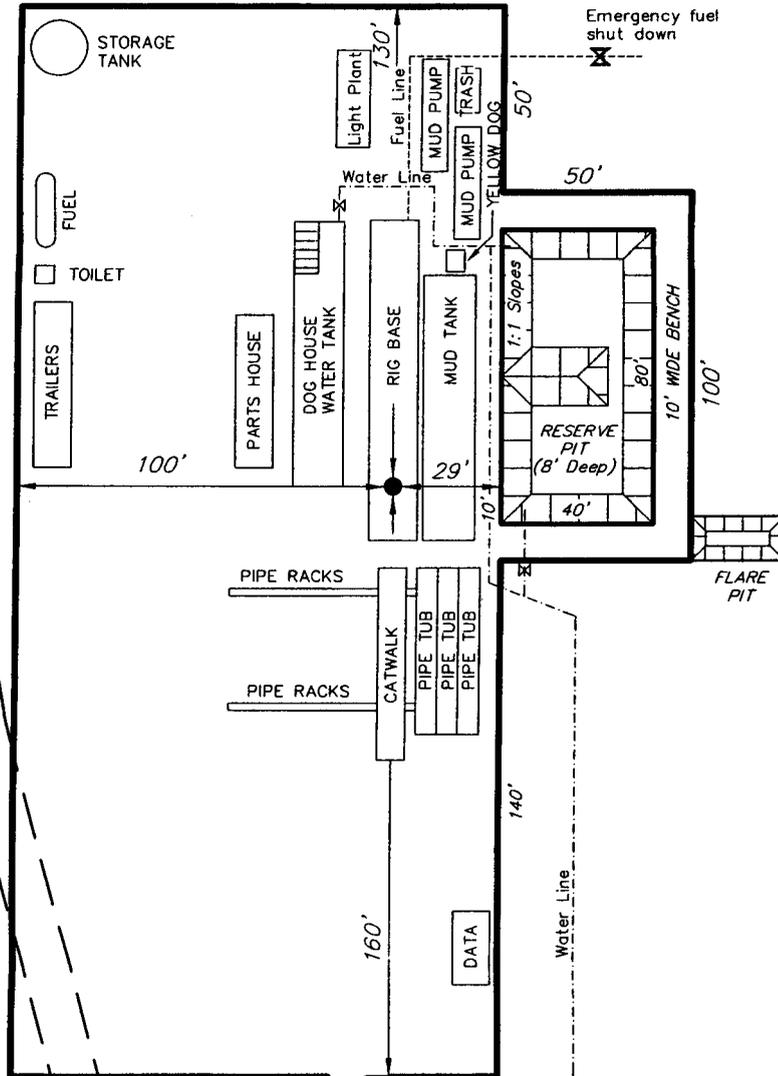
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT CASTLE PEAK 5-23-9-16



Existing 2-Track Road



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: D.P.	DATE SURVEYED: 09-28-05
DRAWN BY: F.T.M.	DATE DRAWN: 10-04-05
SCALE: 1" = 50'	REVISED: F.T.M. 11-27-07

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: EEDERAL 5-23-9-16

Api No: 43-013-32960 Lease Type: FEDERAL

Section 23 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 21

SPUDDED:

Date 01/17/08

Time 10:30 AM

How DRY

Drilling will Commence: _____

Reported by JOHNNY DAVIS

Telephone # (435) 823-3620

Date 01/17/08 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 84052

OPERATOR ACCT. NO. NZ595

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B A	99999	12417	4301333311	LONETREE FEDERAL 14-22-9-17	SESW	22	9S	17E	DUCHESNE	1/19/2008	1/24/08
WELL 1 COMMENTS: <u>GRRV</u>											
B A	99999	12417	4301333312	LONETREE FEDERAL 15-22-9-17	SWSE	22	9S	17E	DUCHESNE	1/15/2008	1/24/08
WELL 2 COMMENTS: <u>GRRV</u>											
A	99999	16627	4301332960	FEDERAL 5-23-9-16	SWNW	23	9S	16E	DUCHESNE	1/17/2008	1/24/08
WELL 3 COMMENTS: <u>GRRV</u>											
A	99999	16628	4301333178	FEDERAL 11-23-9-16	NESW	23	9S	16E	DUCHESNE	1/15/2008	1/24/08
WELL 4 COMMENTS: <u>GRRV</u>											
A	99999	16629	4301333343	FEDERAL 14-24-9-16	SESW	24	9S	16E	DUCHESNE	1/18/2008	1/24/08
WELL 5 COMMENTS: <u>GRRV</u>											
WELL 6 COMMENTS:											

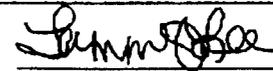
- ACTION CODES (See instructions on back of form)
- A - new entity for new well (single well only)
 - B - well to existing entity (group or unit well)
 - C - from one existing entity to another existing entity
 - D - well from one existing entity to a new entity
 - E - other (explain in comments section)

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

RECEIVED

JAN 23 2008

DIV. OF OIL, GAS & MINING


Signature

Tammi Lee

Production Clerk

01/23/08

Date

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.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

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)
 Section 23 T9S R16E

5. Lease Serial No.
 UTU-15855

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 5-23-9-16

9. API Well No.
 4301332960

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

The above mentioned well went on production 3/5/08. See attached daily activity report.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Tammi Lee	Title Production Clerk
Signature 	Date 03/10/2008

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 reverse)

RECEIVED

MAR 12 2008

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 5-23-9-16**12/1/2007 To 4/29/2008****2/21/2008 Day: 1****Completion**

Rigless on 2/20/2008 - 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 @ 5718' & cement top @ 100'. Perforate stage #1. A1 sds @ 4913-46' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 132 shots (2 runs). 137 BWTR. SIFN.

2/28/2008 Day: 2**Completion**

Rigless on 2/27/2008 - Stage #1, A1 sands. RU BJ Services. 0 psi on well. Frac A1 sds w/ 160,392#'s of 20/40 sand in 1152 bbls of Lightning 17 fluid. Broke @ 2852 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1802 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2132 psi. Leave pressure on well. 1289 BWTR Stage #2, B2 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 10' perf gun. Set plug @ 4870'. Perforate B2 sds @ 4755-65' 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. RU BJ Services. 1650 psi on well. Frac B2 sds w/ 40,119#'s of 20/40 sand in 422 bbls of Lightning 17 fluid. Broke @ 3289 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1740 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1900 psi. Leave pressure on well. 1711 BWTR Stage #3, B.5 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 9' perf gun. Set plug @ 4740'. Perforate B.5 sds @ 4681-90' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 36 shots. RU BJ Services. 1455 psi on well. Frac B.5 sds w/ 15,432#'s of 20/40 sand in 275 bbls of Lightning 17 fluid. Broke @ 3198 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2350 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1943 psi. Leave pressure on well. 1986 BWTR Stage #4, C sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 13' perf gun. Set plug @ 4660'. Perforate C sds @ 4612-25' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 52 shots. RU BJ Services. 1275 psi on well. Frac C sds w/ 60,639#'s of 20/40 sand in 500 bbls of Lightning 17 fluid. Broke @ 2208 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2137 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2346 psi. Leave pressure on well. 2486 BWTR Stage #5, GB6 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 10' perf gun. Set plug @ 4100'. Perforate GB6 sds @ 3982-92' 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. RU BJ Services. 1610 psi on well. Frac GB6 sds w/ 46,568#'s of 20/40 sand in 418 bbls of Lightning 17 fluid. Broke @ 2549 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1726 psi @ ave rate of 23.3 BPM. ISIP 1825 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 7 hrs & died. Rec. 420 BTF. SIWFN w/ 2484 BWTR.

3/1/2008 Day: 3**Completion**

Western #4 on 2/29/2008 - Move in Western rig #4. Was unable to rig up, Due to location conditions. NPC construcion crew doing dirt work on location (Location is a mess). Sent rig crew home. Will attempt to MIRU on Monday morning. 2484 BWTR.

3/4/2008 Day: 4**Completion**

Western #4 on 3/3/2008 - MIRU western #4. Thaw wellhead & BOP W/ HO trk. No pressure on

well. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & used/inspected YB 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 4065'. Tbg displaced 10 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4065', plug @ 4100' in 17 minutes; sd @ 4610', plug @ 4660' in 19 minutes; sd @ 4675', plug @ 4740' in 20 minutes; sd @ 4805', plug @ 4870' in 14 minutes. Circ hole clean W/ no fluid loss. Hang back swivel & SIFN W/ est 2474 BWTR.

3/5/2008 Day: 5

Completion

Western #4 on 3/4/2008 - Thaw wellhead, BOP & tbg stump W/ HO trk. No pressure on well. Con't PU & TIH W/ bit and tbg f/ 4901'. Tag fill @ 5488'. PU swivel. Drill plug remains & sd to PBTD @ 5760'. Circ hole clean. Lost est 80 BW during cleanout (after exposing A sds). RD swivel. Pull EOT to 5695'. RU swab equipment. IFL @ sfc. Made 16 swb runs rec 165 BTF W/ light gas, tr oil & no sd. FFL @ 1700'. SIFN W/ est 2389 BWTR.

3/6/2008 Day: 6

Completion

Western #4 on 3/5/2008 - Thaw wellhead, BOP & tbg stump W/ HO trk. Bleed gas off well. TIH W/ tbg. Tag sd @ 5750' (10' new fill). C/O sd to PBTD @ 5760'. Circ hole clean. Lost est 40 BW. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new CDI 5 1/2" TA (45K) & 154 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 4904' W/ SN @ 4970' & EOT @ 5034'. Land tbg W/ 16,000# tension. NU wellhead. RU & flush tbg W/ 60 BW (returned 50 bbls). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 19.5' RHAC pump, 6-1 1/2" weight rods, 20-3/4" scraped rods, 73-3/4" plain rods, 99-3/4" scraped rods, 1-6' & 1-2' X 3/4" pony rods and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 5 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 2444 BWTR. Place well on production @ 5:00 PM 3/5/2008 W/ 120" 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 _____

5. LEASE DESIGNATION AND SERIAL NO.
UTU-15855

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
Federal

8. FARM OR LEASE NAME, WELL NO.
Federal 5-23-9-16

2. NAME OF OPERATOR
Newfield Exploration Company

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

9. WELL NO.
43-013-32960

10. FIELD AND POOL OR WILDCAT
Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
 At Surface **2125' FNL & 575' FWL (SW/NW) Sec. 23, T9S, R16E**
 At top prod. Interval reported below **2145' 574'**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 23, T9S, R16E

14. API NO. **43-013-32960** DATE ISSUED **11/29/07**

12. COUNTY OR PARISH **Duchesne** 13. STATE **UT**

15. DATE SPUDDED **01/17/08** 16. DATE T.D. REACHED **01/26/08** 17. DATE COMPL. (Ready to prod.) **03/05/08** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **5749' GL 5761' KB** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **5825'** 21. PLUG BACK T.D., MD & TVD **5760'** 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 3982'-4946'

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#	323'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5815'	7-7/8"	300 sx Premlite II and 400 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 @ 5035'	TA @ 4905'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(A1) 4913'-4946'	.49"	4/132
(B2) 4755'-4765'	.49"	4/40
(B.5) 4681'-4690'	.49"	4/36
(C) 4612'-4625'	.49"	4/52
(GB6) 3982'-3992'	.49"	4/40

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4913'-4946'	Frac w/ 160,392# 20/40 sand in 1152 bbls fluid
4755'-4765'	Frac w/ 40,119# 20/40 sand in 422 bbls fluid
4681'-4690'	Frac w/ 15,432# 20/40 sand in 275 bbls fluid
4612'-4625'	Frac w/ 60,639# 20/40 sand in 500 bbls fluid
3982'-3992'	Frac w/ 46,568# 20/40 sand in 418 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION **03/06/08** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **2-1/2" x 1-1/2" x 16' x 19.5' RHAC Pump** WELL STATUS (Producing or shut-in) **PRODUCING**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRODN. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			---	90	55	34	611

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 Jenty Park TITLE Production Technician DATE 4/7/2008

RECEIVED
APR 09 2008

DIV. OF OIL, GAS & MINING

*(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 5-23-9-16	Garden Gulch Mkr	3457'	
				Garden Gulch 1	3666'	
				Garden Gulch 2	3775'	
				Point 3 Mkr	4019'	
				X Mkr	4287'	
				Y-Mkr	4322'	
				Douglas Creek Mkr	4441'	
				BiCarbonate Mkr	4669'	
				B Limestone Mkr	4768'	
				Castle Peak	5282'	
				Basal Carbonate	5734'	
				Total Depth (LOGGERS)	5815'	

NEWFIELD



Well Name: Federal 5-23-9-16
 LOCATION: S23, T9S, R16E
 COUNTY/STATE: Duchesne
 API: 43-013-32960

Spud Date: 1-17-08
 TD: 5825'
 CSG: 1-27-08
 POP: 3-5-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
3/5/2008				2389				POP @ 5:00 P.M. w/ 120" SL @ 5 SPM. 2389 Total water to recover.
3/6/2008	15	80	60	2329	0	55	5	
3/7/2008	24	2	0	2329	0	50	5	
3/8/2008	24	0	48	2281	0	0	6 1/2	
3/9/2008	24	27	0	2281	0	0	6 1/2	
3/10/2008	24	2	0	2281	28	30	6 1/2	
3/11/2008	24	0	60	2221	0	10	6 1/2	
3/12/2008	24	17	0	2221	0	0	6 1/2	
3/13/2008	24	97	42	2179	28	68	6 1/2	
3/14/2008	24	63	50	2129	28	72	6 1/2	
3/15/2008	24	80	17	2112	34	68	6 1/2	
3/16/2008	24	107	20	2092	35	70	6 1/2	
3/17/2008	24	87	27	2065	42	60	6 1/2	
3/18/2008	24	42	72	1993	45	65	6 1/2	
3/19/2008	24	118	30	1963	62	60	6 1/4	
3/20/2008	24	96	31	1932	62	60	6 1/4	
3/21/2008	24	90	43	1889	75	60	6	
3/22/2008	24	98	30	1859	75	63	6 1/4	
3/23/2008	24	83	31	1828	62	60	6	
3/24/2008	24	96	35	1793	59	60	6	
3/25/2008				1793				
3/26/2008				1793				
3/27/2008				1793				
3/28/2008				1793				
3/29/2008				1793				
3/30/2008				1793				
3/31/2008				1793				
4/1/2008				1793				
4/2/2008				1793				
4/3/2008				1793				
4/4/2008				1793				
4/5/2008				1793				
		1185	596		635			

63682



June 7, 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 #5-23-9-16
Monument Butte Field, Lease #UTU-15855
Section 23-Township 9S-Range 16E
Duchesne County, Utah

RECEIVED

JUN 12 2012

DIV. OF OIL, GAS & MINING

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #5-23-9-16 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 horizontal flourish extending to the right.

Eric Sundberg
Regulatory Lead

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #5-23-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-15855
JUNE 7, 2012

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – FEDERAL #5-23-9-16
ATTACHMENT E-1	WELLBORE DIAGRAM – FEDERAL #1-22-9-16
ATTACHMENT E-2	WELLBORE DIAGRAM – FEDERAL #7-22-9-16
ATTACHMENT E-3	WELLBORE DIAGRAM – FEDERAL #8-22-9-16
ATTACHMENT E-4	WELLBORE DIAGRAM – FEDERAL #9-22-9-16
ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #13-23-9-16
ATTACHMENT E-6	WELLBORE DIAGRAM – FEDERAL #12-23-9-16
ATTACHMENT E-7	WELLBORE DIAGRAM – FEDERAL #11-23-9-16
ATTACHMENT E-8	WELLBORE DIAGRAM – FEDERAL #3-23-9-16
ATTACHMENT E-9	WELLBORE DIAGRAM – FEDERAL #4-23-9-16
ATTACHMENT E-10	WELLBORE DIAGRAM – JONAH FEDERAL #16-15-9-16
ATTACHMENT E-11	WELLBORE DIAGRAM – JONAH FEDERAL #13-14-9-16
ATTACHMENT E-12	WELLBORE DIAGRAM – CASTLE PEAK FEDERAL #7-23-9-16
ATTACHMENT E-13	WELLBORE DIAGRAM – CASTLE PEAK FEDERAL #6-23-9-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 2/21/2008 – 3/6/2008
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Federal 5-23-9-16

Spud Date: 1/17/08
 Put on Production: 3-5-08
 GL: 5749' KB: 5761'

Proposed Injection Wellbore Diagram

SURFACE CASING

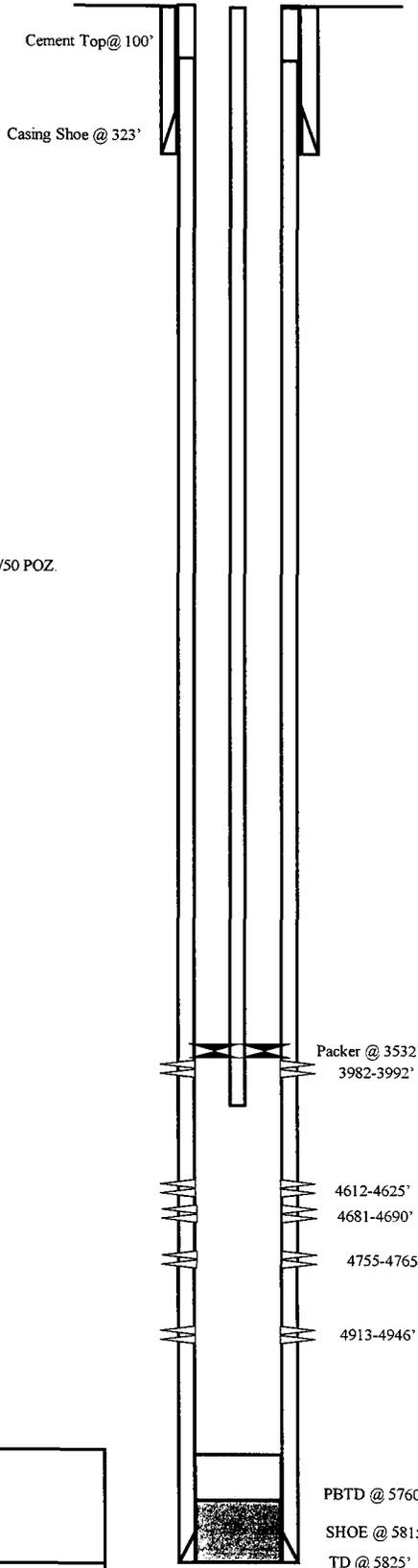
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.39')
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 323.24'
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 146 jts. (5781.03')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5814.84'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 100'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 154 jts (4892.46')
 TUBING ANCHOR: 4904.46'
 NO. OF JOINTS: 2 jts (63.04')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4970.31' KB
 NO. OF JOINTS: 2 jts (62.64')
 TOTAL STRING LENGTH: EOT @ 5034.50' w/12' KB



FRAC JOB

2-27-08	4913-4946'	Frac A1 sands as follows: Frac with 160392 #'s of 20/40 sand in 1152 bbls Lightning 17 fluid. Treat at an ave pressure of 1802 psi @ 23.2 BPM. ISIP 2132 psi.
2-27-08	4755-4765'	Frac B2 sands as follows: Frac with 40119 #'s of 20/40 sand in 422 bbls Lightning 17 fluid. Treat at an ave pressure of 1740 psi @ 23.2 BPM. ISIP 1900 psi.
2-27-08	4681-4690'	Frac B.5 sands as follows: Frac with 15432 #'s of 20/40 sand in 275 bbls Lightning 17 fluid. Treat at an ave pressure of 2350 psi @ 23.3 BPM. ISIP 1943 psi.
2-27-08	4612-4625'	Frac C sand as follows: Frac with 60639 #'s of 20/40 sand in 500 bbls of Lightning 17 fluid. Treat at an ave pressure of 2137 psi @ 23.2 BPM. ISIP 2346 psi.
2-27-08	3982-3992'	Frac GB6 sands as follows: Frac with 46568 #'s of 20/40 sand in 418 bbls of Lightning 17 fluid. Treat at an ave pressure of 1726 psi @ 23.3 BPM. ISIP 1825 psi.
1/24/09		Pump Change. Updated r & t details.

PERFORATION RECORD

3982-3992'	4 JSPF	40 holes
4612-4625'	4 JSPF	52 holes
4681-4690'	4 JSPF	36 holes
4755-4765'	4 JSPF	40 holes
4913-4946'	4 JSPF	132 holes

NEWFIELD

Federal 5-23-9-16
 2125' FNL & 595' FWL
 SWNW Section 23-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32960; Lease #UTU-15855

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 #5-23-9-16 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 #5-23-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3774' - 5760'). 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 3454' and the TD is at 5825'.

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

The referenced log for the Federal #5-23-9-16 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-15855) 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 311' KB, and 5-1/2", 15.5# casing run from surface to 5815' 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 1799 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 #5-23-9-16, for existing perforations (3982' - 4946') calculates at 0.89 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 1799 psig. We may add additional perforations between 3454' and 5825'. 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 #5-23-9-16, the proposed injection zone (3774' - 5760') 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.

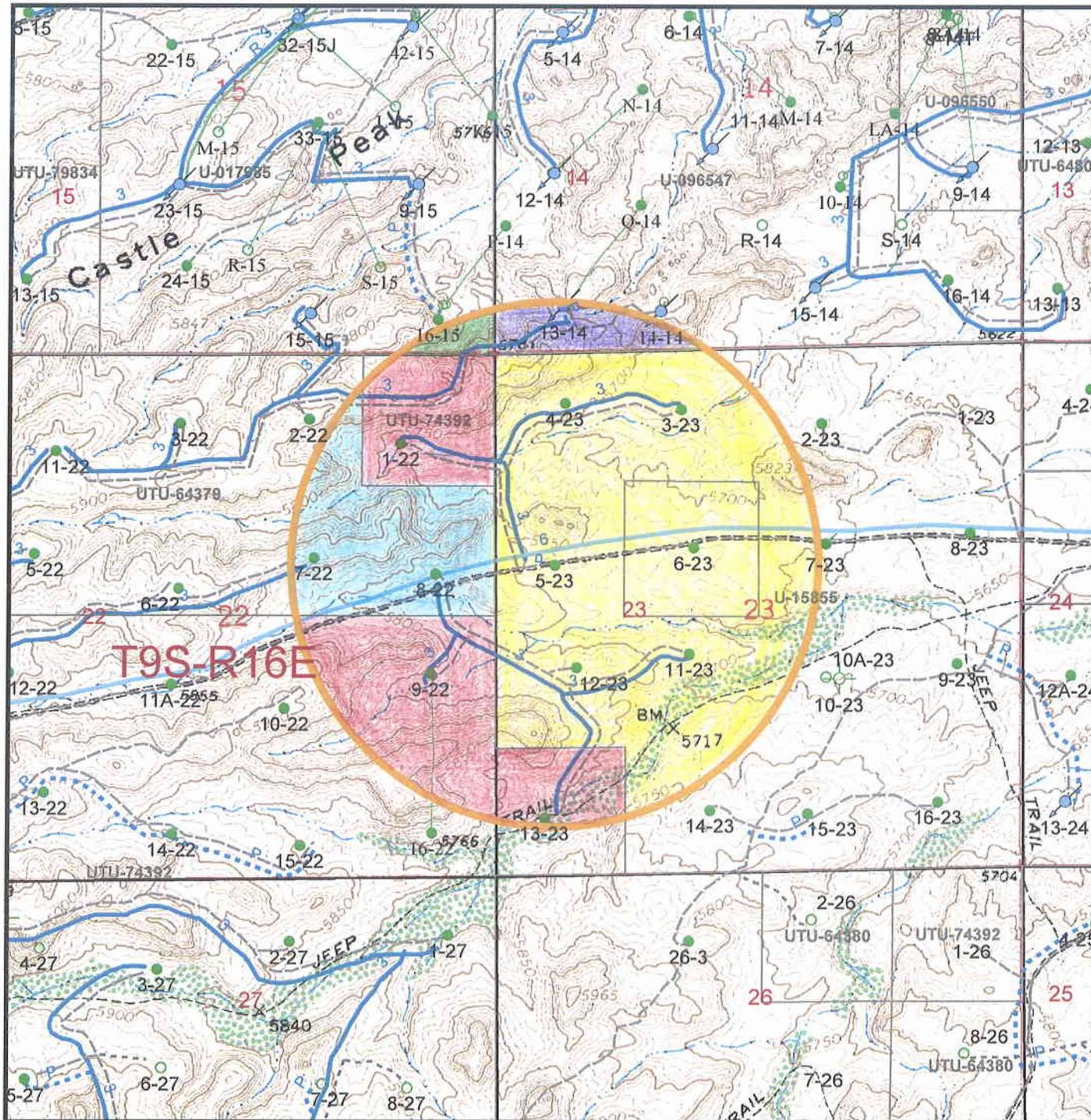
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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



	WellStatus_HalfMile_Buffer		UTU-15855
Well Status			
	Location		UTU-64379
	CTI		UTU-74392
	Surface Spud		UTU-017985
	Drilling		UTU-096547
	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		

Federal 5-23
Section 23, T 9S-R16E

NEWFIELD



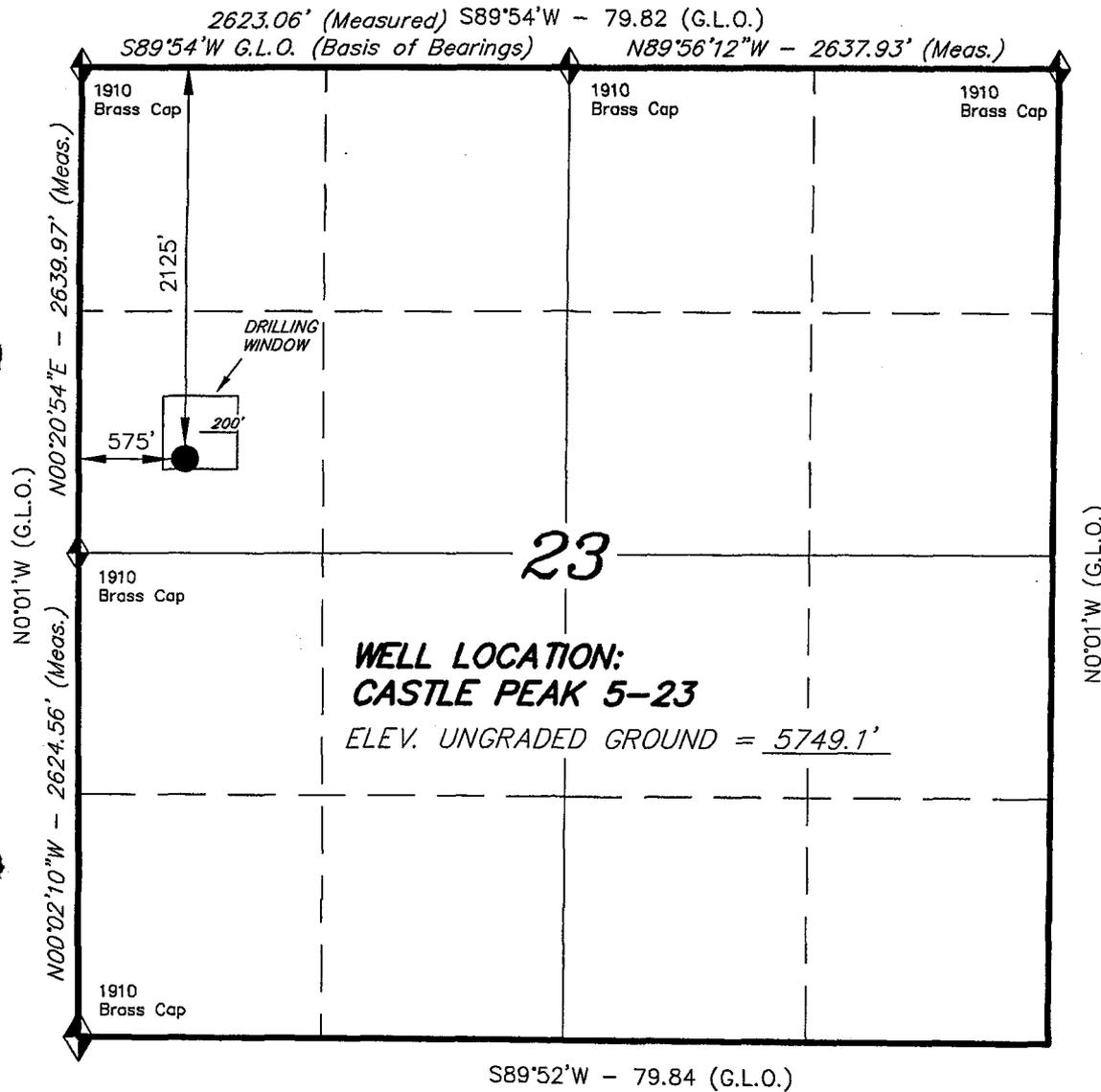
1/2 Mile Radius Map
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

May 10, 2012

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

NEWFIELD PRODUCTION COMPANY



WELL LOCATION, CASTLE PEAK 5-23,
 LOCATED AS SHOWN IN THE SW 1/4 NW
 1/4 OF SECTION 23, 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

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

◆ = SECTION CORNERS LOCATED

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

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

SCALE: 1" = 1000'

SURVEYED BY: D.P.

DATE: 10-4-05

DRAWN BY: F.T.M.

NOTES:

FILE #

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-16E SLM Section 23: E2, NW, E2SW, NWSW Section 24: N2, SW, N2SE, SWSE	USA UTU-15855 HBP	Newfield Production Company Newfield RMI LLC Bee Hive Oil LLC Journey Properties LLC King Oil & Gas of Texas LTD Six Gold Oil LLC Stone Energy Corp	USA
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW 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	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 21: S2 Section 22: NENE, S2 Section 23: SWSW Section 24: SESE Section 26: NENE Section 27: All Section 28: All	USA UTU-74392 HBP	Newfield Production Company Newfield RMI LLC ABO Petro Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
4	T9S-R16E SLM Section 10: S2SE Section 15: E2, E2W2	USA UTU-017985 HBP	Newfield Production Company Newfield RMI LLC ABO Petro Corp OXY Y-1 Company Yates Petroleum Corp	USA

5 T9S-R16E SLM
Section 11: W2SW, SESW
Section 14: SWNE, W2, W2SE, SESE

USA
UTU-096547
HBP

Newfield Production Company
Newfield RMI LLC
ABO Petro Corp
MYCO Industries Inc
OXY Y-1 Company
Yates Petroleum Corp

USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

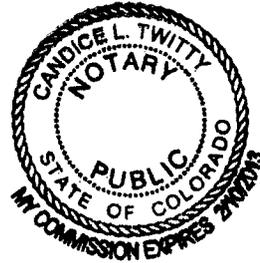
RE: Application for Approval of Class II Injection Well
Federal #5-23-9-16

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: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 7th day of June, 2012.

Notary Public in and for the State of Colorado: Candice L. Twitty
My Commission Expires 02/10/2013
My Commission Expires: _____



Federal 5-23-9-16

Spud Date: 1/17/08
 Put on Production: 3-5-08
 GL: 5749' KB: 5761'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.39')
 HOLE SIZE: 12-1/4"
 DEPTH LANDED : 323.24'
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

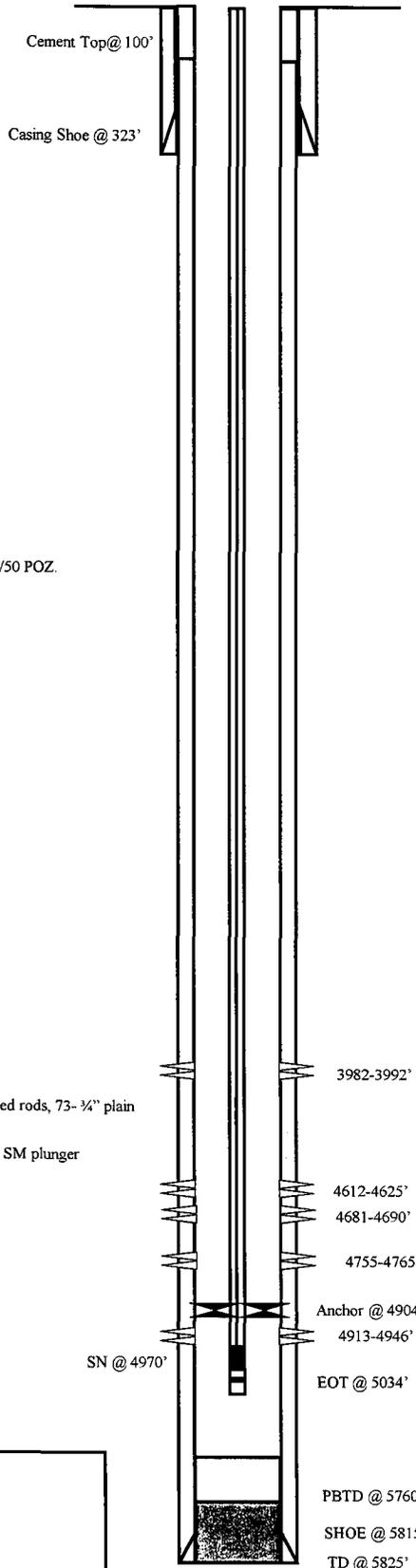
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 146 jts. (5781.03')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5814.84'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 100'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 154 jts (4892.46')
 TUBING ANCHOR: 4904.46'
 NO. OF JOINTS: 2 jts (63.04')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4970.31' KB
 NO. OF JOINTS: 2 jts (62.64')
 TOTAL STRING LENGTH: EOT @ 5034.50' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1-6' & 1-2' X 3/4" pony rods, 99- 1/4" guided rods, 73- 3/4" plain rods, 20- 3/4" guided rods, 6- 1 1/2" weight rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" X 19.5' RHAC pump w/ SM plunger
 STROKE LENGTH: 120"
 PUMP SPEED, SPM: 4.5



FRAC JOB

2-27-08 4913-4946' **Frac A1 sands as follows:**
 Frac with 160392 #'s of 20/40 sand in 1152 bbls Lightning 17 fluid. Treat at an ave pressure of 1802 psi @ 23.2 BPM. ISIP 2132 psi.

2-27-08 4755-4765' **Frac B2 sands as follows:**
 Frac with 40119 #'s of 20/40 sand in 422 bbls Lightning 17 fluid. Treat at an ave pressure of 1740 psi @ 23.2 BPM. ISIP 1900 psi.

2-27-08 4681-4690' **Frac B.5 sands as follows:**
 Frac with 15432 #'s of 20/40 sand in 275 bbls Lightning 17 fluid. Treat at an ave pressure of 2350 psi @ 23.3 BPM. ISIP 1943 psi.

2-27-08 4612-4625' **Frac C sand as follows:**
 Frac with 60639 #'s of 20/40 sand in 500 bbls of Lightning 17 fluid. Treat at an ave pressure of 2137 psi @ 23.2 BPM. ISIP 2346 psi.

2-27-08 3982-3992' **Frac GB6 sands as follows:**
 Frac with 46568 #'s of 20/40 sand in 418 bbls of Lightning 17 fluid. Treat at an ave pressure of 1726 psi @ 23.3 BPM. ISIP 1825 psi.

1/24/09 Pump Change. Updated r & t details.

PERFORATION RECORD

3982-3992'	4 JSPF	40 holes
4612-4625'	4 JSPF	52 holes
4681-4690'	4 JSPF	36 holes
4755-4765'	4 JSPF	40 holes
4913-4946'	4 JSPF	132 holes



NEWFIELD

Federal 5-23-9-16
 2125' FNL & 595' FWL
 SWNW Section 23-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32960; Lease #UTU-15855

Federal 1-22-9-16

Spud Date: 12-26-05
 Put on Production: 01-19-06
 GL: 5742' KB: 5754'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (315.48')
 DEPTH LANDED: 327.33' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (5871.28')
 DEPTH LANDED: 5869.78' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 120'

TUBING

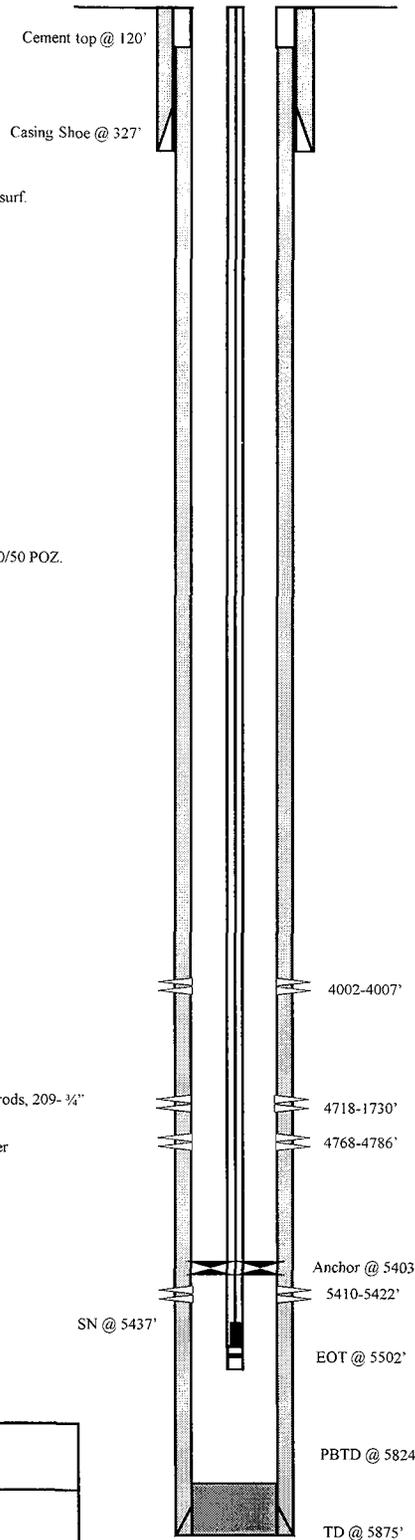
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 170 jts (5390.80')
 TUBING ANCHOR: 5403' KB
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5437' KB
 NO. OF JOINTS: 2 jts (63.20')
 TOTAL STRING LENGTH: EOT @ 5502.' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-8" & 1-2' 3/4" pony rods, 100- 3/4" guided rods, 209- 3/4" guided rods, 6-1 1/2" sinker bars, 6-1" Stabilizer Rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

01-16-06	5410-5422'	Frac CP2, sands as follows: 45584# 20/40 sand in 483 bbls Lightning 17 frac fluid. Treated @ avg press of 2087 psi w/avg rate of 25 BPM. ISIP 2130 psi. Calc flush: 5408 gal. Actual flush: 4788 gal.
01-16-06	4718-4730'	Frac B2, & B1 sands as follows: 124027# 20/40 sand in 851 bbls Lightning 17 frac fluid. Treated @ avg press of 1490 psi w/avg rate of 24.9 BPM. ISIP 1900 psi. Calc flush: 4716 gal. Actual flush: 4116 gal.
01-16-06	4002-4007'	Frac GB6 sands as follows: 23163# 20/40 sand in 305 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 14.5 BPM. ISIP 2080 psi. Calc flush: 4000 gal. Actual flush: 3877 gal.
03/22/06		Pump Change. Update rod and tubing details.
9-3-08		Pump Change. Updated rod & tubing details.
7/21/09		Tubing Leak. Updated rod & tubing details.
01/13/2011		Pump Change. Rod & tubing detail updated.



PERFORATION RECORD

01-11-06	5410-5422'	4 JSPF	48 holes
01-16-06	4768-4786'	4 JSPF	72 holes
01-16-06	4718-4730'	4 JSPF	48 holes
01-16-06	4002-4007'	4 JSPF	20 holes

NEWFIELD

Federal 1-22-9-16
 887' FNL & 963' FEL
 NE/NE Section 22-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32612; Lease #UTU-74392

Federal 7-22-9-16

Spud Date: 3/12/08
 Put on Production: 04/23/08
 GL: 5818' KB: 5880'

Injection Wellbore Diagram

SURFACE CASING

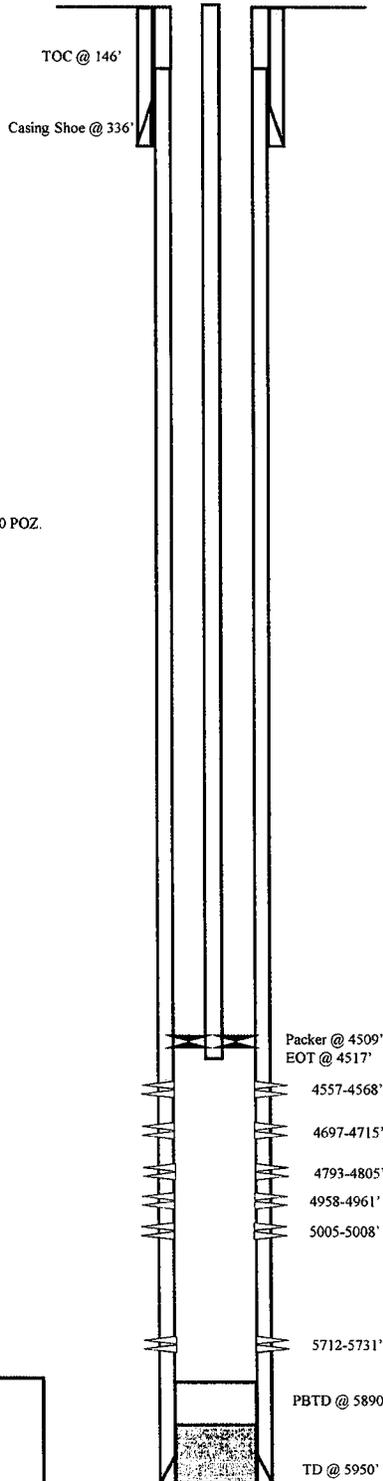
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (323.72')
 DEPTH LANDED: 336'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts. (5930.89')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5944'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 146'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 TBG PUP: 1 jt (10.2')
 NO. OF JOINTS: 142 jts (4480.1')
 ON/OFF TOOL AT: 4502.3'
 PACKER CE @ 4508.77'
 XO 2-7/8 x 2-3/8" AT: 4511.2'
 TBG PUP AT: 4511.7'
 TOTAL STRING LENGTH: EOT @ 4517' w/12' KB



FRAC JOB

04-17-08 5712-5731' **Frac CP5 sands as follows:**
 Frac with 45958 #'s of 20/40 sand in 460 bbls of Lightning 17 fluid. Treat at an ave pressure of 1725 psi @ 23.3 BPM. ISIP 1824 psi.

04-17-08 4793-4805' **Frac B1 sands as follows:**
 Frac with 40109 #'s of 20/40 sand in 402 bbls of Lightning 17 fluid. Treat at an ave pressure of 1811 psi @ 23.3 BPM. ISIP 1936 psi.

04-17-08 4697-4715' **Frac C sands as follows:**
 Frac with 109892 #'s of 20/40 sand in 801 bbls of Lightning 17 fluid. Treat at an ave pressure of 2002 psi @ 23.3 BPM. ISIP 2125 psi.

04-17-08 4557-4568' **Frac D1 sands as follows:**
 Frac with 52326 #'s of 20/40 sand in 490 bbls of Lightning 17 fluid. Treat at an ave pressure of 2259 psi @ 23.3 BPM. ISIP 2160 psi.

04-29-08 **Pump change.** Tubing and rod details updated.

5/8/2010 **Pump changed.** Updated rod and tubing detail.

08/07/12 5005 - 5008' **Frac A3 sands as follows:**
 Frac with 14510# of 20/40 sand in 230 bbls of Lightning 17 fluid.

08/07/12 4958-4961' **Frac A1 sands as follows:**
 Frac with 16997# of 20/40 sand in 228 bbls of Lightning 17 fluid

08/10/12 **Convert to Injection Well**

08/13/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

4557 - 4568'	4 JSPF	44 holes
4697 - 4715'	4 JSPF	72 holes
4793 - 4805'	4 JSPF	48 holes
5712 - 5731'	4 JSPF	76 holes
5005 - 5008'	3 JSPF	9 holes
4958 - 4961'	3 JSPF	9 holes

NEWFIELD

Federal 7-22-9-16
 2036' FNL & 1837' FEL
 SWNE Section 22-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33027; Lease #UTU-64379

Federal 8-22-9-16

Spud Date: 11/01/06
 Put on Production: 12/13/06
 K.B.: 5791, G.L.: 5779

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"
 GRADE J-55
 WEIGHT 24#
 LENGTH 7 jts (310.68')
 DEPTH LANDED: 322.53' 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 (5837.43')
 DEPTH LANDED: 5850.68' KB
 HOLE SIZE 7-7/8"
 CEMENT DATA 322 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ
 CEMENT TOP 60'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 175 jts (5517.93')
 TUBING ANCHOR: 5517.90' KB
 NO. OF JOINTS: 1 jts (31.70')
 SEATING NIPPLE 2-7/8" (1.10')
 SN LANDED AT 5552.4' KB
 NO. OF JOINTS: 2 jts (63.10')
 TOTAL STRING LENGTH EOT @ 5617' KB

SUCKER RODS

POLISHED ROD 1-1/2" x 22' SM
 SUCKER RODS 2-8' x 3/4" pony rod, 100-3/4" guided rods, 86-3/4" guided rods, 30-3/4" guided rods, 6-1 1/2" weight rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger
 STROKE LENGTH 61"
 PUMP SPEED, 5 SPM

FRAC JOB

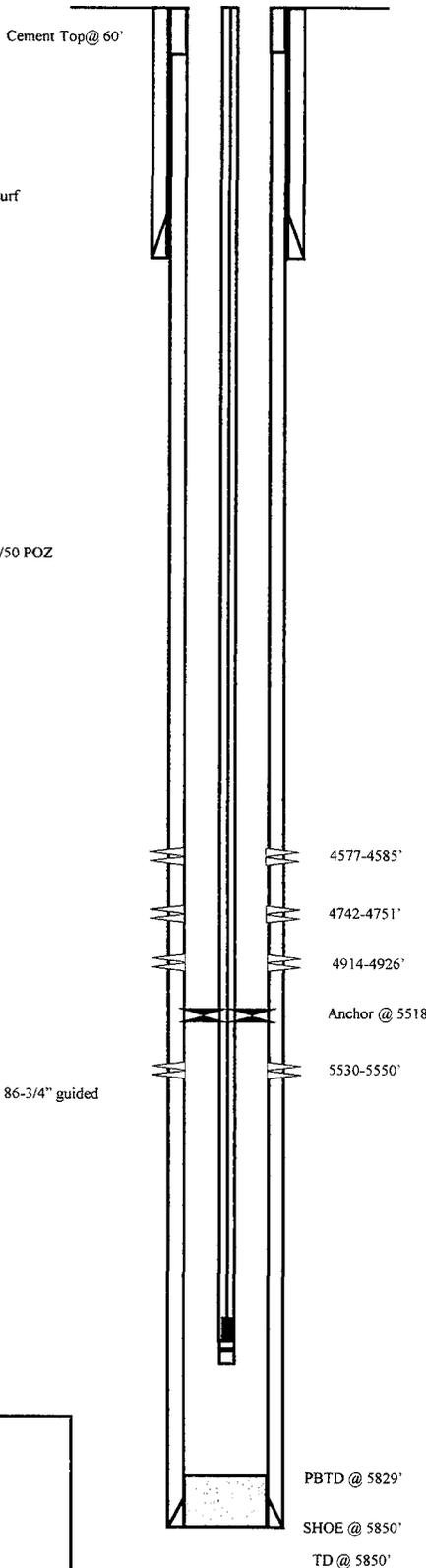
12/08/06 5530-5550' **Frac CP4, sands as follows:**
 30245# 20/40 sand in 381 bbls Lightning 17 frac fluid Treated @ avg press of 2020 psi w/avg rate of 25 BPM ISIP 1960 psi Calc flush: 5548 gal Actual flush: 4998 gal

12/08/06 4914-4926' **Frac A1 sands as follows:**
 70951# 20/40 sand in 533 bbls Lightning 17 frac fluid Treated @ avg press of 1762 psi w/avg rate of 25 BPM ISIP 2190 psi Calc flush: 4924 gal Actual flush: 4452 gal.

12/08/06 4742-4751' **Frac B2 sands as follows:**
 29729# 20/40 sand in 414 bbls Lightning 17 frac fluid Treated @ avg press of 2490 psi w/avg rate of 25 BPM ISIP 1950 psi Calc flush: 4749 gal Actual flush: 4242 gal

12/08/06 4577-4585' **Frac C sands as follows:**
 26560# 20/40 sand in 342 bbls Lightning 17 frac fluid Treated @ avg press of 2804 psi w/avg rate of 25 BPM ISIP psi. Calc flush: 4583 gal Actual flush: 4242 gal

07/16/10 Pump Change Rod & Tubing detail



PERFORATION RECORD

Date	Interval	JSPF	Holes
12/05/06	5530-5550'	4 JSPF	80 holes
12/08/06	4914-4926'	4 JSPF	48 holes
12/08/06	4742-4751'	4 JSPF	36 holes
12/08/06	4577-4585'	4 JSPF	32 holes

NEWFIELD

Federal 8-22-9-16

2200' FNL & 618' FEL

SE/NE Section 22-T9S-R16E

Duchesne Co, Utah

API #43-013-32959; Lease #UTU-64379

Federal 9-22-9-16

Spud Date: 4-19-2007
 Put on Production: 6-08-2007
 GL: 5803' KB: 5815'

Initial Production: BOPD.
 MCFD. BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.25')
 DEPTH LANDED: 322.91' 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 (5855.48')
 DEPTH LANDED: 5852.48' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 68'

TUBING

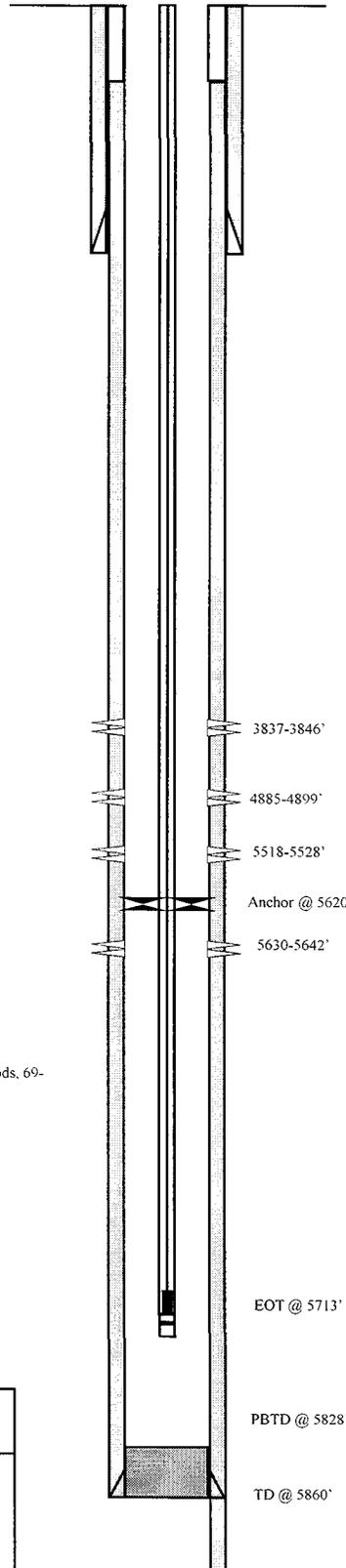
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 182 jts (5608')
 TUBING ANCHOR: 5620'
 NO. OF JOINTS: 1 jts (28.32')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5651'
 NO. OF JOINTS: 2 jts (60.92')
 TOTAL STRING LENGTH: EOT @ 5713'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1-2", 4", 6" x 8" X 3/4" pony rods, 99-3/4" guided rods, 69-3/4" sucker rods, 50-3/4" guided rods, 6- 1 1/2" sinker bars.
 PUMP SIZE: 2-1/2" x 1-1/4" x 16" x 22" RHAC
 STROKE LENGTH: 120"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

06-05-07	5630-5642'	Frac CP5 sands as follows: 39984# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 1953 psi w/avg rate of 24.7 BPM. ISIP 2165 psi. Calc flush: 5328 gal. Actual flush: 5208 gal.
06-05-07	5518-5528'	Frac CP4 sands as follows: 25037# 20/40 sand in 336 bbls Lightning 17 frac fluid. Treated @ avg press of 2283 psi w/avg rate of 24.7 BPM. ISIP 2241 psi. Calc flush: 5516 gal. Actual flush: 4998 gal.
06-05-07	4885-4899'	Frac A1 sands as follows: 59792# 20/40 sand in 485 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 psi w/avg rate of 24.7 BPM. ISIP 2240 psi. Calc flush: 4883 gal. Actual flush: 4368 gal.
06-05-07	3837-3846'	Frac GB2 sands as follows: 35741# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1806 w/ avg rate of 24.7 BPM. ISIP 2950 psi. Calc flush: 3835 gal. Actual flush: 3738 gal.
12-13-07		Pump Change. Updated rod & tubing details.
1-30-08		Pump Change. Updated rod & tubing details.
8-29-08		Pump Change. Updated rod & tubing details.
1/23/09		Pump Change. Updated r & t details.
10/05/11		Pump Change. Rods & tubing updated.



PERFORATION RECORD

05-30-07	5630-5642'	4 JSPF	48 holes
06-05-07	5518-5528'	4 JSPF	40 holes
06-05-07	4885-4899'	4 JSPF	96 holes
06-05-07	3837-3846'	4 JSPF	36 holes



Federal 9-22-9-16
 2079' FNL & 668' FEL
 NE/SE Section 22-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33175; Lease # UTU-74392

Federal 13-23-9-16

Spud Date: 10/5/07
 Put on Production: 6/5/08
 GL: 5751' KB: 5763'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"
 GRADE J-55
 WEIGHT 24#
 LENGTH 7 jts (312.36')
 DEPTH LANDED: 322.58' KB
 HOLE SIZE 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5-1/2"
 GRADE J-55
 WEIGHT 15.5#
 LENGTH 150 jts (5705.08')
 DEPTH LANDED 5718.33' KB
 HOLE SIZE 7-7/8"
 CEMENT DATA 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ
 Cement Top @ 118'

TUBING

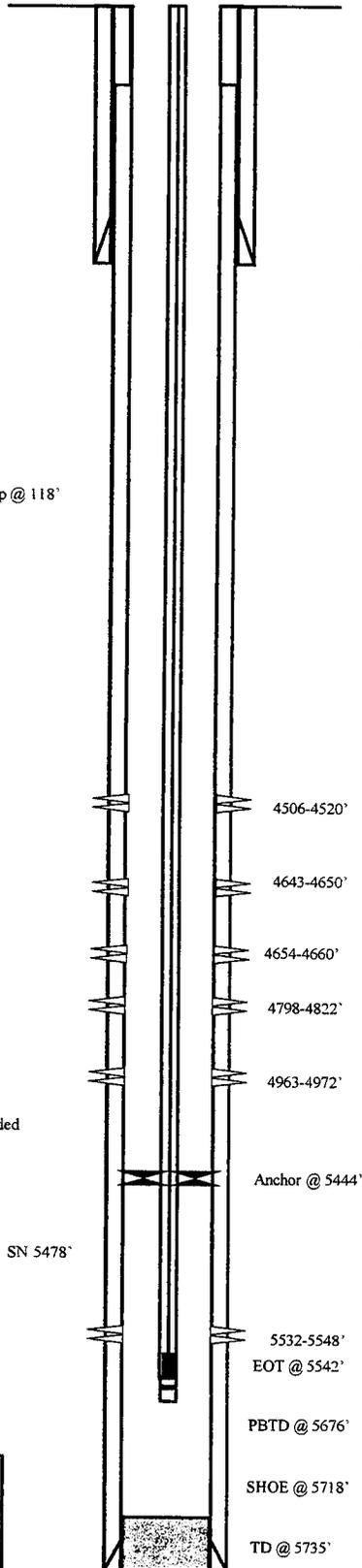
SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#
 NO OF JOINTS 173 jts (5443.5')
 TUBING ANCHOR: 5443.5' KB
 NO OF JOINTS 1jts (31.4')
 SEATING NIPPLE 2-7/8" (1.10')
 SN LANDED AT 5477.7' KB
 NO OF JOINTS 2 jts (63.0')
 TOTAL STRING LENGTH EOT @ 5542' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS 1-3' x 3/4" pony rod, 1-8' x 3/4" pony rod, 100- 3/4" guided rods, 52- 3/4" guided rods, 60- 3/4" guided rods, 6- 1 1/2" weight bars
 PUMP SIZE CDI 2-1/2" x 1-1/2" x 14' x 16' RHAC
 STROKE LENGTH 74"
 PUMP SPEED, SPM: 5

FRAC JOB

10/26/07	5532-5548'	Frac CP5 sands as follows: 89901# 20/40 sand in 710 bbls Lightning 17 frac fluid. Treated @ avg press of 1990 psi w/avg rate of 24.8 BPM. ISIP 2180 psi.
10/26/07	4963-4972'	Frac LODC sands as follows: 56448# 20/40 sand in 493 bbl Lightning 17 frac fluid. Treated @ avg press of 2830 psi w/avg rate of 24.8 BPM. ISIP 3045 psi
06/03/08	4798-4822'	Frac A1 sands as follows: 159955# 20/40 sand in 1112 bbls Lightning 17 frac fluid. Treated @ avg press of 1807 psi w/avg rate of 26.6 BPM. ISIP 1971 psi
06/03/08	4643-4600'	Frac B2 sands as follows: 99834# 20/40 sand in 748 bbls Lightning 17 frac fluid. Treated @ avg press of 1930 psi w/avg rate of 25.5 BPM. ISIP 2135 psi
06/03/08	4874-4888'	Frac C sands as follows: 79546# 20/40 sand in 617 bbls Lightning 17 frac fluid. Treated @ avg press of 2034 psi w/avg rate of 26.3 BPM. ISIP 1907 psi
3/16/10		Pump change Updated rod and tubing detail
1/8/2011		Pump Change Update rod and tubing details



PERFORATION RECORD

5532-5548'	4 JSPF	64 holes
4963-4972'	4 JSPF	36 holes
4798-4822'	4 JSPF	96 holes
4654-4660'	4 JSPF	24 holes
4643-4650'	4 JSPF	28 holes
4506-4520'	4 JSPF	56 holes

NEWFIELD

Federal 13-23-9-16

612' FSL & 466' FWL

SW/SW Section 23-T9S-R16E

Duchesne Co, Utah

API #43-013-33180; Lease # UTU-74392

FEDERAL 12-23-9-16

Spud Date: 2/5/08
 Put on Production: 5/22/08
 GL: 5774' KB: 5786'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts (322.64')
 DEPTH LANDED: 333'
 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: 141 jts
 DEPTH LANDED: 5718.33' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 104'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 155 jts (4873.6')
 TUBING ANCHOR: 4885.6' KB
 NO. OF JOINTS: 1 jts (31.45')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4919.9' KB
 NO. OF JOINTS: 2 jts (62.6')
 TOTAL STRING LENGTH: EOT @ 4984' KB

SUCKER RODS

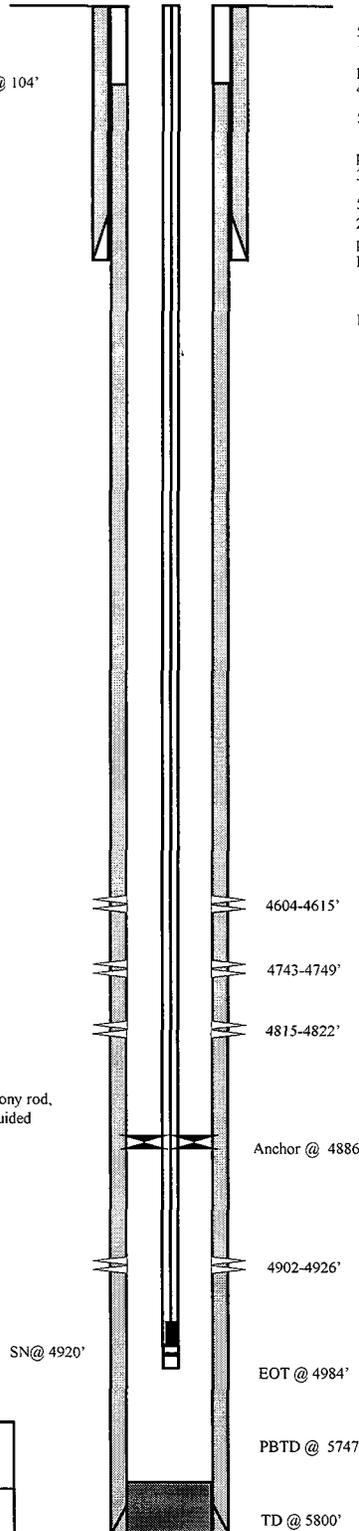
POLISHED ROD: 1-1/2" x 26' polished rod
 SUCKER RODS: 1-8" x 3/4" pony rod, 1-6" x 3/4" pony rod, 2-8" x 3/4" pony rod,
 1-2" x 3/4" pony rod, 91-3/4" guided rods, 58-3/4" sucker rods, 40-3/4" guided
 rods, 6-1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 12x 16' RHAC
 STROKE LENGTH: 72"
 PUMP SPEED, SPM: 4

FRAC JOB

5/17/08 4902-4926' **Frac A3 sds as follows:**
 119,316# 20/40 sand in 996 bbls of Lightning 17 fluid. Treated w/ ave
 pressure of 1818 psi w/ ave rate of 23.4 BPM. ISIP 2198 psi. Actual Flush:
 4397 gal.
 5/17/08 4815-4822' **Frac A.5 sds as follows:**
 14,762# 20/40 sand in 260 bbls of Lightning 17 fluid. Treated w/ ave
 pressure of 3169 psi w/ ave rate of 23.3 BPM. ISIP 4200 psi. Actual Flush:
 3818 gal.
 5/17/08 4743-4749' **Frac B2 sds as follows:**
 25,365# 20/40 sand in 342 bbls of Lightning 17 fluid. Treated w/ ave
 pressure of 2818 psi w/ ave rate of 21.6 BPM. ISIP 3290 psi. Actual
 Flush: 4238 gal.

12/12/2009 **Tubing leak.** Updated rod and tubind detail.

Cement Top @ 104'



PERFORATION RECORD

Date	Interval	Tool	Holes
10/23/07	4604-4615'	4 JSPF	44 holes
10/26/07	4743-4749'	4 JSPF	24 holes
10/23/07	4815-4822'	4 JSPF	28 holes
10/26/07	4902-4926'	4 JSPF	96 holes

NEWFIELD

FEDERAL 12-23-9-16

2120'FSL & 794' FWL
 NW/SW Section 23-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33179; Lease # UTU-15855

FEDERAL 11-23-9-16

Spud Date: 1-15-08
 Put on Production: 3-7-08
 GL: 5726' KB: 5738'

Initial Production:

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.09')
 DEPTH LANDED: 320.94' 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 (5775.25')
 DEPTH LANDED: 5768.37' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 26'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 144 jts (4523.49')
 TUBING ANCHOR: 4535.49' KB
 NO. OF JOINTS: 2 jts (62.78')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4601.07' KB
 NO. OF JOINTS: 2 jts (62.92')
 TOTAL STRING LENGTH: EOT @ 4665.54' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-2', 1-6' X 3/4" pony rods, 101- 3/4" scraped rods, 56- 3/4" slick rods, 20- 3/4" guided rods, 6- 1 1/2" weight bars.
 PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 16" RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

03-04-08 4565-4586' **Frac C sands as follows:**
 90836# 20/40 sand in 686 bbls Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 23.1 BPM. ISIP 2180 psi. Calc flush: 4563 gal. Actual flush: 4477 gal.

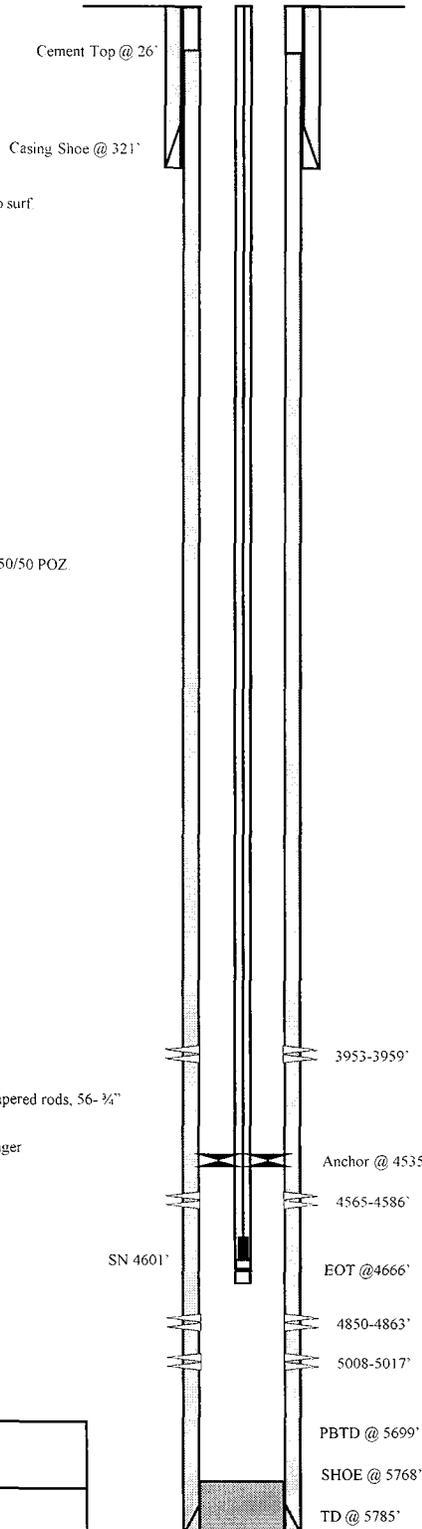
06/05/2008 3953-3959' **Frac GB6, sands as follows:**
 16621# 20/40 sand in 206 bbls Lightning 17 frac fluid. Treated @ avg. press. of 2261 psi w/avg. rate of 15 BPM. ISIP 1696 psi.

06/05/2008 4850-4863' **Frac A1, sands as follows:**
 50043# 20/40 sand in 446 bbls Lightning 17 frac fluid. Treated @ ave. press. of 3342 psi w/avg. rate 15 BPM. ISIP 2218 psi.

06/05/2008 5008-5017' **Frac L.ODC, sands as follows:**
 45090# 20/40 sand in 445 bbls of Lightning 17 frac fluid. Treated @ ave. press. of 4224 psi w/avg. rate 15 BPM W/ 6.5 ppg of sand. ISIP 3173 psi.

PERFORATION RECORD

02-29-08	4565-4586'	4 JSPF	84 holes
06-05-08	3953-3959'	4 JSPF	24 holes
06-05-08	4850-4863'	4 JSPF	52 holes
06-05-08	5008-5017'	4 JSPF	36 holes



NEWFIELD

FEDERAL 11-23-9-16

2236' FSL & 1922' FWL
 NE/SW Section 23-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33178; Lease # UTU-15855

Attachment E-8

FEDERAL 3-23-9-16

Spud Date: 01/08/08
Put on Production: 03/07/08

Initial Production: BOPD,
MCFD, BWPD

GL:5680' KB:5692'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (284.85')
DEPTH LANDED: 296.70' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 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: 130 jts (5811.31')
DEPTH LANDED: 5781.17' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 poz
CEMENT TOP: 92'

TUBING

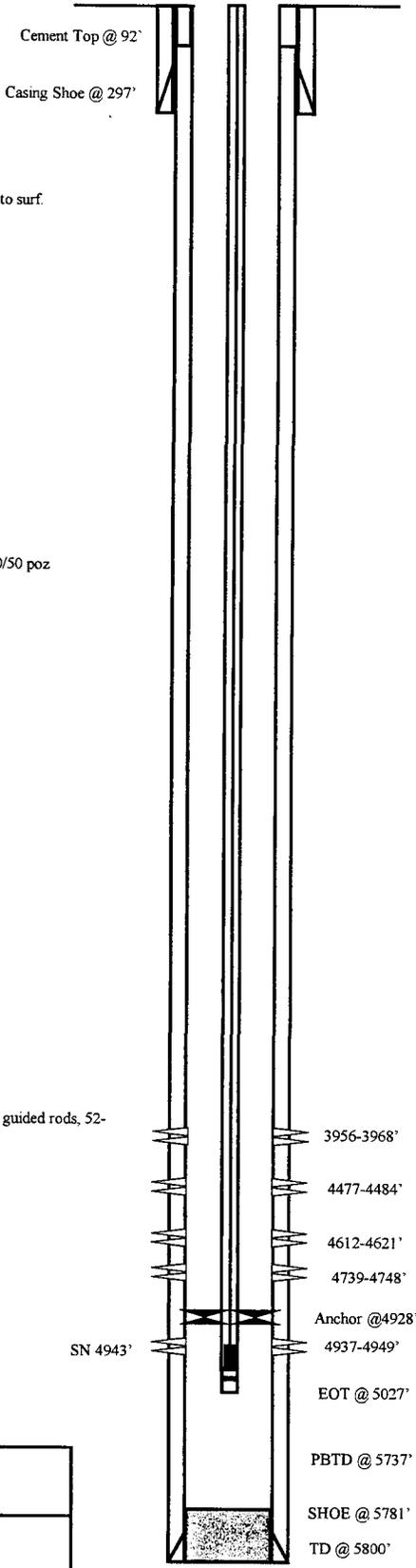
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 156 jts (4915.1')
TUBING ANCHOR: 4927.7' KB
NO OF JOINTS: 1jts (32.8')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4963.8' KB
NO OF JOINTS: 2jts (62.4')
TOTAL STRING LENGTH: EOT @ 5027' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-2, 1-4', 1-8' X 3/4" Pony Rods, 92-3/4" guided rods, 52-3/4" sucker rods, 46-3/4" guided rods, 6-1 1/2" weight rods
PUMP SIZE: CDI 2-1/2" x 1-1/4" x 10' x 16' RHAC
STROKE LENGTH: 86"
PUMP SPEED, 5.5 SPM:

FRAC JOB

02/28/08	4937-4949'	Frac A3 sands as follows: 60177# 20/40 sand in 519 bbls Lightning 17 frac fluid. Treated @ avg press of 2021 psi w/avg rate of 23.3 BPM ISIP 2150 psi
02/28/08	4739-4748'	Frac B2 sands as follows: 40603# 20/40 sand in 407 bbl Lightning 17 frac fluid. Treated @ avg press of 1923 psi w/avg rate of 23.2 BPM ISIP 1964 psi.
02/28/08	4612-4621'	Frac C sands as follows: 25535# 20/40 sand in 350 bbls Lightning 17 frac fluid. Treated @ avg press of 2360 psi w/avg rate of 23.1 BPM ISIP 2760 psi.
02/28/08	4477-4484'	Frac D1 sands as follows: 20500# 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 2099 psi w/avg rate of 23.2 BPM ISIP 2016 psi.
02/28/08	3956-3968'	Frac GB4 sands as follows: 23017# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 1777 psi w/avg rate of 23.0 BPM ISIP 1817 psi.
10/11/11		Parted Rods Updated rod & tubing detail.



PERFORATION RECORD

4937-4949'	4 JSPF	48 holes
4739-4748'	4 JSPF	36 holes
4612-4621'	4 JSPF	36 holes
4477-4484'	4 JSPF	28 holes
3956-3968'	4 JSPF	48 holes

NEWFIELD

FEDERAL 3-23-9-16

586' FNL & 1849' FWL
NE/NW Section 23-T9S-R16E
Duchesne Co, Utah
API #43-013-33176; Lease # 15855

Federal 4-23-9-16

Attachment E-9

Spud Date: 01-09-08
 Put on Production: 3-10-08
 GL: 5716' KB: 5728'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.55')
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133jts (5715.22')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5728.47'
 CEMENT DATA: 300 sk Prem, Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 134'

TUBING

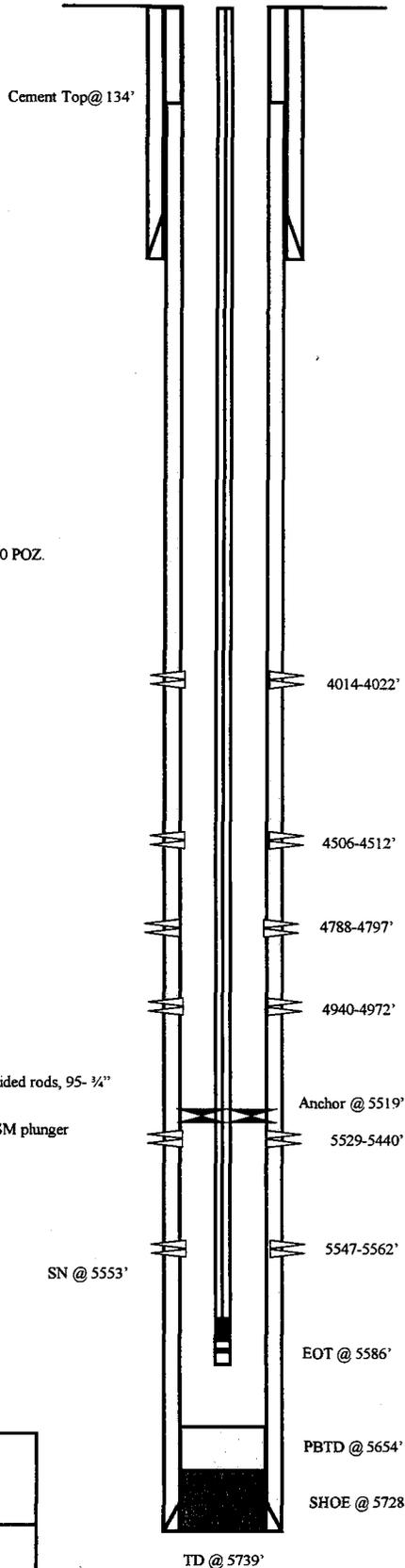
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 175 jts (5507.16')
 TUBING ANCHOR: 5519.16'
 NO. OF JOINTS: 1 jts (31.39')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5553.35' KB
 NO. OF JOINTS: 1 jts (31.48')
 TOTAL STRING LENGTH: EOT @ 5586.38' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1-6', 1-4' & 1-2' X 3/4" ponies, 100-3/4" guided rods, 95- 3/4" plain rods, 20-3/4" guided rods, 6- 1 1/2" weighted bars.
 PUMP SIZE: 2-1/2" x 1-1/2" x 12" X 15.5' RHAC pump w/ SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4

FRAC JOB

- 2-29-08 5547-5562' **Frac CP4 sands as follows:**
 Frac with 40523# 20/40 sand in 434 bbls Lightning 17 fluid. Treat at an ave pressure of 1786 psi @ 23.2 BPM. ISIP 1970 psi.
- 2-29-08 5429-5440' **Frac CP2 sands as follows:**
 Frac with 20386 # 20/40 sand in 333 bbls Lightning 17 fluid. Treat at an ave pressure of 1963 psi @ 25 BPM. ISIP 1840 psi.
- 2-29-08 4940-4972' **Frac A1 sands as follows:**
 Frac with 120556 #'s 20/40 sand in 869 bbls Lightning 17 fluid. Treat at an ave pressure of 1845 psi @ 24.5 BPM. ISIP 2105 psi.
- 2-29-08 4788-4797' **Frac B2 sand as follows:**
 Frac with 50665 #'s of 20/40 sand in 450 bbls Lightning 17 fluid. Treat at an ave pressure of 1990 psi @ 24.5 BPM. ISIP 1945 psi.
- 2-29-08 4506-4512' **Frac D1 sands as follows:**
 Frac with 15200 #'s 20/40 sand in 259 bbls Lightning 17 fluid. Treat at an ave pressure of 1942 psi @ 24.3 BPM. ISIP 1825 psi.
- 2-29-08 4014-4022' **Frac GB6 sands as follows:**
 Frac with 40122 #'s 20/40 sand in 384 bbls Lightning 17 fluid. Treat at an ave pressure of 2036 psi @ 24.3 BPM. ISIP 1880 psi.



PERFORATION RECORD

Depth Range	JSPF	Holes
4014-4022'	4 JSPF	32 holes
4506-4512'	4 JSPF	24 holes
4788-4797'	4 JSPF	36 holes
4940-4972'	4 JSPF	128 holes
5429-5440'	4 JSPF	44 holes
5547-5562'	4 JSPF	60 holes



Federal 4-23-9-16
 499' FNL & 685' FWL
 NWNW Section 23-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33177; Lease #UTU-15855

Jonah Federal 16-15-9-16

Spud Date: 12/28/05
 Put on Production: 02/02/06
 GL: 5704' KB: 5716'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (315.16')
 DEPTH LANDED: 327.01' 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: 136 jts. (5818.63')
 DEPTH LANDED: 5817.88' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 150'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 170 jts (5415.7')
 TUBING ANCHOR: 5427.7
 NO. OF JOINTS: 1 jts (31.7')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5462.2'
 NO. OF JOINTS: 2 jts (64.4')
 TOTAL STRING LENGTH: EOT @ 5528'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 3-2' x 3/4" pony rods, 212-3/4" guided rods, 6- 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-3/4" x 16" RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5

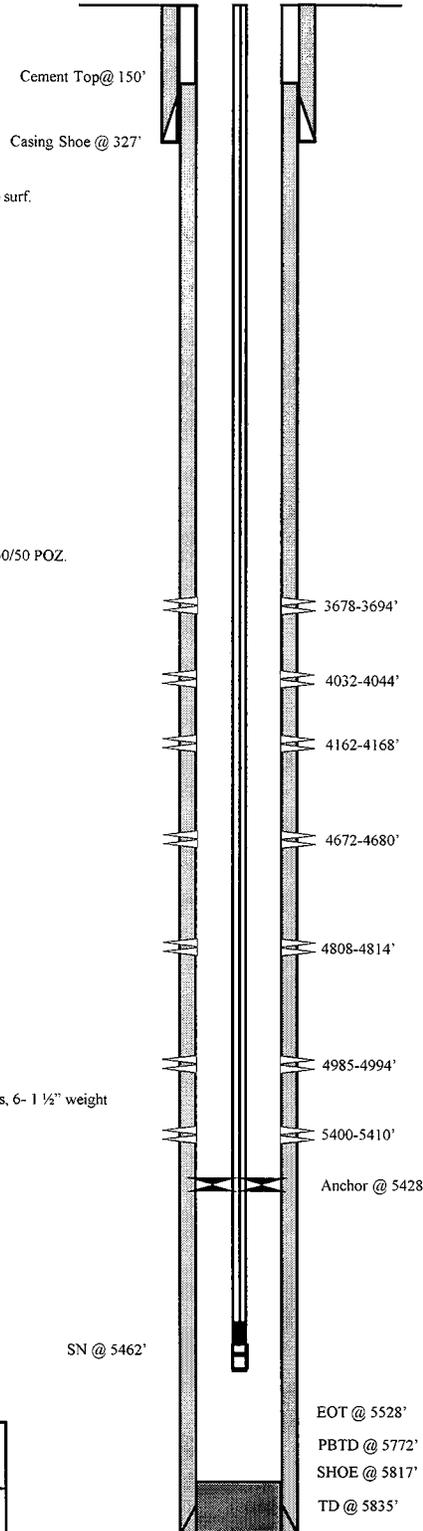
FRAC JOB

01/25/06	5400-5410'	Frac CPI sands as follows: 14789# 20/40 sand in 255 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 25.1 BPM. ISIP 1850 psi. Calc flush: 5398 gal. Actual flush: 4872 gal.
01/25/06	4985-4994'	Frac A3 sands as follows: 18508# 20/40 sand 284 bbls Lightning 17 frac fluid. Treated @ avg press of 1845 psi w/avg rate of 25.1 BPM. ISIP 1870 psi. Calc flush: 4983 gal. Actual flush: 4992 gal.
01/25/06	4808-4814'	Frac B2 sands as follows: 23613# 20/40 sand in 319 bbls Lightning 17 frac fluid. Treated @ avg press of 2375 psi w/avg rate of 25.1 BPM. ISIP 2600 psi. Calc flush: 4806 gal. Actual flush: 4284 gal.
01/25/06	4672-4680'	Frac C sands as follows: 61018# 20/40 sand in 480 bbls Lightning 17 frac fluid. Treated @ avg press of 2005 psi w/avg rate of 25 BPM. ISIP 2240 psi. Calc flush: 4670 gal. Actual flush: 4116 gal.
01/25/06	4032-4044'	Frac PB8, GB6 sands as follows: 29328# 20/40 sand in 330 bbls Lightning 17 frac fluid. Treated @ avg press of 1813 psi w/avg rate of 25.1 BPM. ISIP 1835 psi. Calc flush: 4030 gal. Actual flush: 3486 gal.
01/25/06	3678-3694'	Frac GG sands as follows: 48534# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 1700 psi w/avg rate of 25.1 BPM. ISIP 1840 psi. Calc flush: 3676 gal. Actual flush: 3570 gal.

06-26-06 **Parted Rods:** Update rod and tubing details.
 11-27-06 **Pump Change:** Updated rod and tubing detail.
 9-12-07 **Pump change.** Updated rod & tubing details.
 04/17/08 **Pump change.** Updated rod & tubing details.
 12/11/09 **Tubing leak.** Updated rod and tubing details.

PERFORATION RECORD

01/18/06	5400-5410'	4 JSPF	40 holes
01/25/06	4985-4994'	4 JSPF	36 holes
01/25/06	4808-4814'	4 JSPF	24 holes
01/25/06	4672-4680'	4 JSPF	32 holes
01/25/06	4162-4168'	4 JSPF	24 holes
01/25/06	4032-4044'	4 JSPF	48 holes
01/25/06	3678-3694'	4 JSPF	64 holes





Jonah Federal 16-15-9-16
 512' FSL & 535' FEL
 SE/SE Section 15-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32754; Lease #UTU-17985

Jonah Federal 13-14-9-16

Spud Date: 5/21/05
 Put on Production: 7/1/05
 GL: 5758' KB: 5780'

Initial Production: 171 BOPD,
 14 MCFD, 151 BWPD

Injection Wellbore
 Diagram

SURFACE CASING

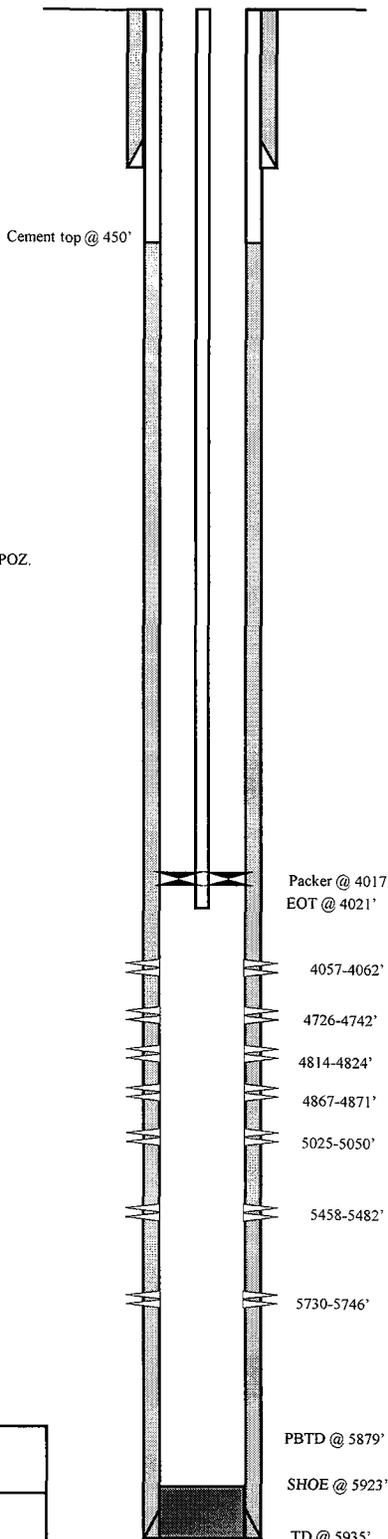
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (303.95')
 DEPTH LANDED: 313.95' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5925.19')
 DEPTH LANDED: 5923.19' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 450'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 123 jts (4001.11')
 SN LANDED AT: 1.10' @ 4014.21'
 CE @ 4017.51'
 TOTAL STRING LENGTH: EOT @ 4021.58' w/12' KB



FRAC JOB

6-27-05	5730-5746'	Frac CP5 sands as follows: 58406# 20/40 sand in 503 bbls Lightning 17 frac fluid. Treated @ avg press of 1678 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 5728 gal. Actual flush: 5712 gal.
6-27-05	5458-5482'	Frac CPI sands as follows: 78805# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1654 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5456 gal. Actual flush: 5462 gal.
6-27-05	5025-5050'	Frac A1/A3 sands as follows: 108479# 20/40 sand in 876 bbls Lightning 17 frac fluid. Treated @ avg press of 1560 psi w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc flush: 5023 gal. Actual flush: 5082 gal.
6-27-05	4814-4871'	Frac B2 & B1 sands as follows: 43548# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 1606 psi w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc flush: 4812 gal. Actual flush: 4872 gal.
6-27-05	4726-4742'	Frac C sands as follows: 68949# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 1590 psi w/avg rate of 24.5 BPM. ISIP 2100 psi. Calc flush: 4724 gal. Actual flush: 4704 gal.
6-27-05	4057-4062'	Frac GB4 sands as follows: 12976# 20/40 sand in 203 bbls Lightning 17 frac fluid. Treated @ avg press of 1956 psi w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc flush: 4055 gal. Actual flush: 4704 gal.
07/07/06		Pump Change: Updated rod and tbg detail.
01-09-07		Pump Change: Updated rod and tbg detail.
10/20/08		Convert to Injection well
10/24/08		MIT Completed - tbg detail updated

PERFORATION RECORD

6-22-05	5730-5746'	4 JSPF	64 holes
6-27-05	5458-5482'	4 JSPF	96 holes
6-27-05	5025-5050'	4 JSPF	100 holes
6-27-05	4867-4871'	4 JSPF	16 holes
6-27-05	4814-4824'	4 JSPF	40 holes
6-27-05	4726-4742'	4 JSPF	64 holes
6-27-05	4057-4062'	4 JSPF	20 holes



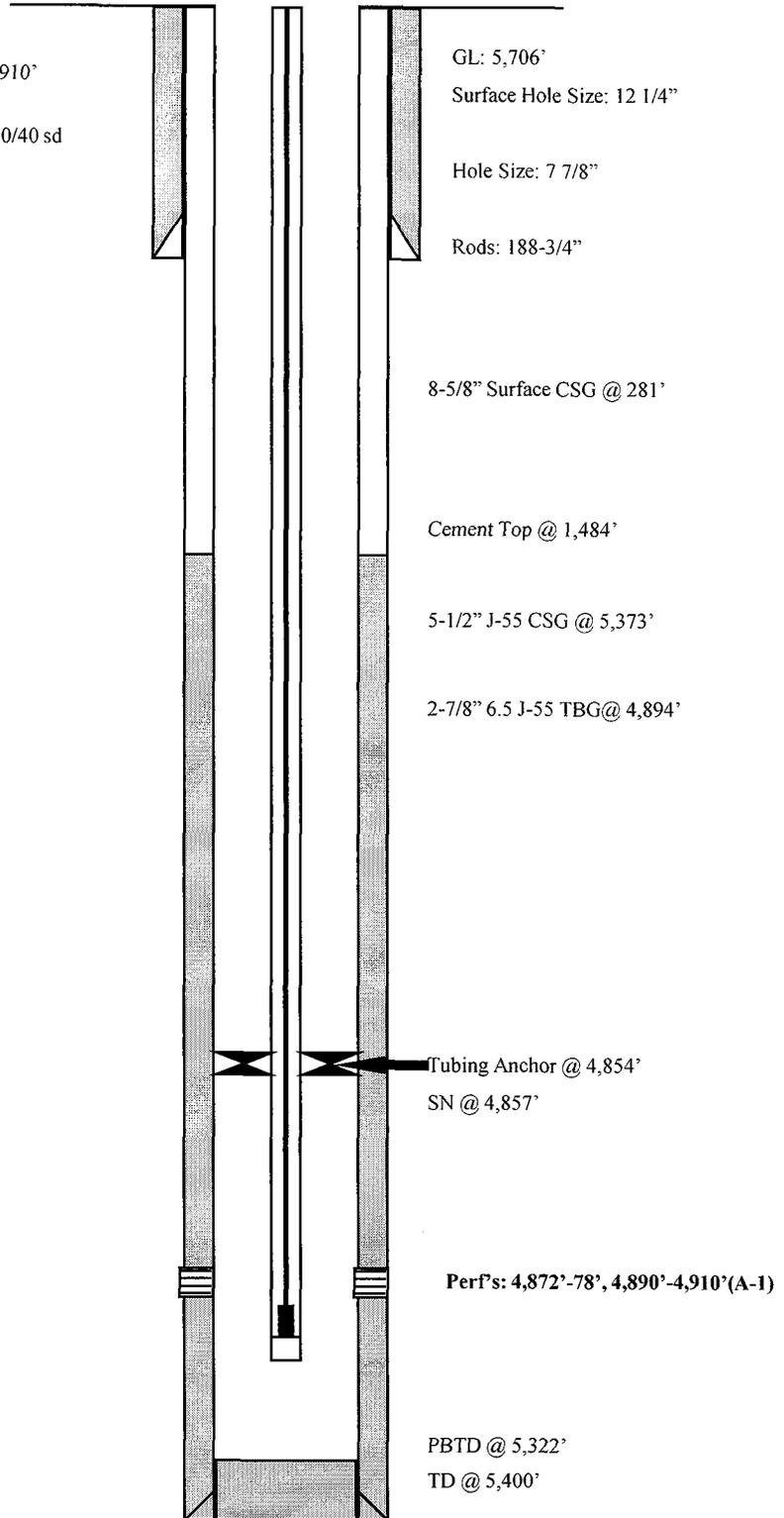
Jonah Federal 13-14-9-16
 484' FSL & 688' FWL
 SW/SW Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32696; Lease #UTU-096547

Castle Peak Federal #7-23

Wellbore Diagram

Well History:

7-26-83 Spud Well
 8-11-83 Perf: 4,872'-4,878', 4,890'-4,910'
 Frac A-3 zone as follows:
 Totals 38,000 gal, 130,800# 20/40 sd
 Max TP 2,600 @ 31 BPM
 Avg TP 2,000 @ 31 BPM
 ISIP 2,000, after 5 min 1,450



Castle Peak Federal #7-23
 1967 FNL 1985 FEL
 SWNE Section 23-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30662; Lease #U-15855

Castle Peak Federal 6-23-9-16

Spud Date: 7-30-84
 Put on Production: 9-11-84
 GL: 5725' KB:5496'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (295.0')
 DEPTH LANDED: 295'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 210sxs Class "G" cmt + 2" CaCl + sk Flocele

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 17#
 LENGTH: 140 jts. (5497.24')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5495.95'
 CEMENT DATA: 120 sxs Lodense, 250 sxs Gypseal
 CEMENT TOP AT:000'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 153jts (4793.5')
 TUBING ANCHOR: 4793.5'
 NO. OF JOINTS: 2 jts (61.7')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED: 4858' KB
 NO. OF JOINTS: 4 jts (124.7')
 NOTCHED COLLAR: 4983.8" KB
 TOTAL STRING LENGTH: EOT @ 4984'

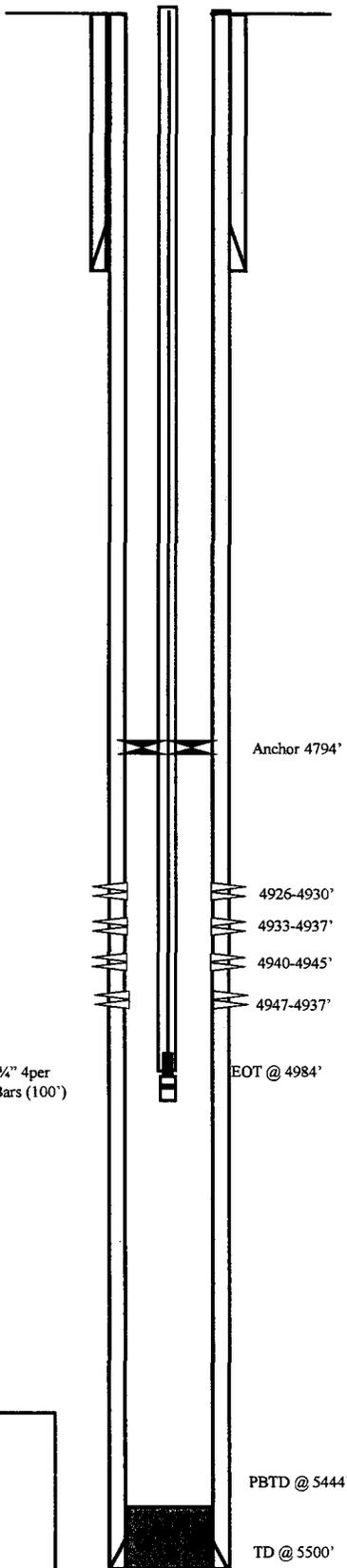
SUCKER RODS

POLISHED ROD: 1-1/2" x 22' Spray Metal Polished Rod
 SUCKER RODS: 1 - 3/4" x 2' Pony Rod, 1 - 3/4" x 8' Pony Rod, 97 - 3/4" 4per Guided Rods (2425'), 92 - 3/4" Sucker Rods (2300'), 4 - 1 1/2" Sinker Bars (100')
 PUMP SIZE: 2 1/2" x 1 1/2" x 12" x 16' RHAC
 STROKE LENGTH: 76"
 PUMP SPEED: 5 SPM

FRAC JOB

8-22-84 4926-4949' **Frac 000 sands as follows:**
 Frac with 28500# 20/40 sand in
 96500bbls Lighting 17 fluid.

3/12/11 Tubing Leak. Updated rod and tubing detail



PERFORATION RECORD

4926-4930'	1 JSPF	4 holes
4933-4937'	1 JSPF	4 holes
4940-4945'	1 JSPF	5 holes
4947-4949'	1 JSPF	2 holes

NEWFIELD

Castle Peak Federal #6-23
 1970'FWL & 1980'FNL
 Section 23, T9S, R16E
 Duchesne Co, Utah
 API # 43-013-30873; Lease # UTU-15855

FEDERAL 16-22-9-16

Spud Date: 08/27/07
 Put on Production: 10/10/07
 GL: 5800' KB: 5812'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (293.76')
 DEPTH LANDED: 305.61' 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: ? jts. (?)
 DEPTH LANDED: 6051' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 525 sxs 50/50 POZ
 CEMENT TOP: 39'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 162 jts (4993.8')
 TUBING ANCHOR: 5005.8' KB
 NO. OF JOINTS: 2 jts (64.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5072.8'
 NO. OF JOINTS: 2 jts (61.40')
 TOTAL STRING LENGTH: EOT @ 5136' KB

SUCKER RODS

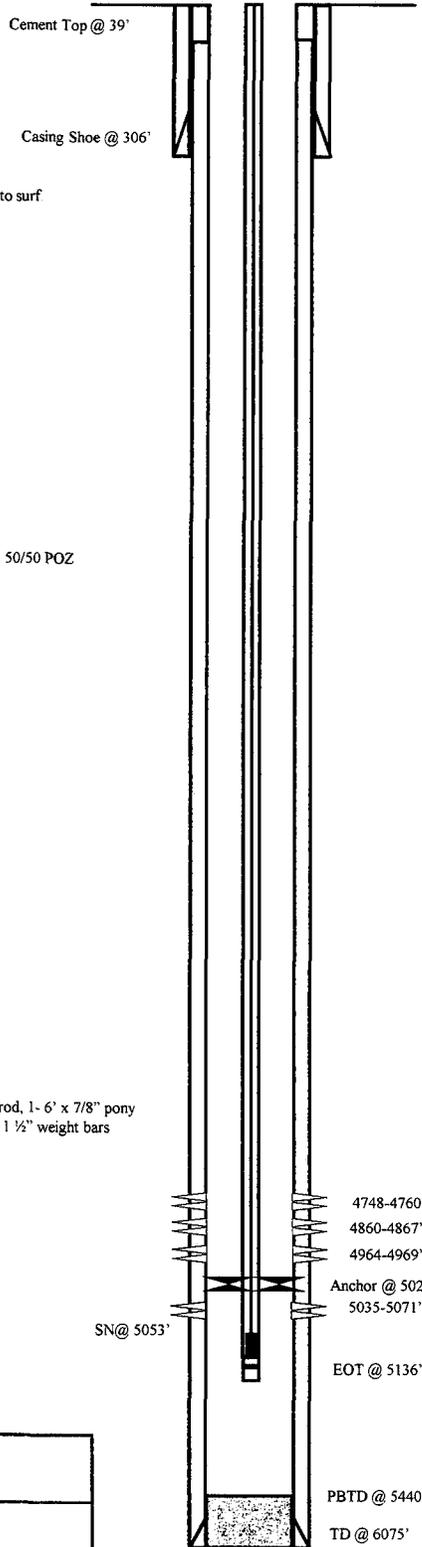
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 2-4' x 7/8" pony rods, 1-4' x 7/8" pony rod, 1-6' x 7/8" pony rod, 197-7/8" guided rods (8 per), 4-3' x 1" pony rods, 4-1 1/2" weight bars
 PUMP SIZE: CDI 2-1/2" x 1-3/4" x 16 x 20' RHAC
 STROKE LENGTH: 123"
 PUMP SPEED, SPM: 5

FRAC JOB

10/05/07	5035-5071'	Frac A1 sands as follows: 140366# 20/40 sand in 1008 bbl Lightning 17 frac fluid. Treated @ avg press of 1851 psi w/avg rate of 24.8 BPM. ISIP 2081 psi. Calc flush: 5033 gal. Actual flush: 4536 gal.
10/06/07	4964-4969'	Frac A.5 sands as follows: 15004# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2605 psi w/avg rate of 24.8 BPM. ISIP 1909 psi. Calc flush: 4962 gal. Actual flush: 4456 gal.
10/05/07	4860-4867'	Frac B2 sands as follows: 13965# 20/40 sand in 269 bbls Lightning 17 frac fluid. Treated @ avg press of 2130 psi w/avg rate of 24.8 BPM. ISIP 1925 psi. Calc flush: 4858 gal. Actual flush: 4355 gal.
10/05/07	4748-4760'	Frac C sands as follows: 41811# 20/40 sand in 406 bbls Lightning 17 frac fluid. Treated @ avg press of 2620 psi w/avg rate of 24.8 BPM. ISIP 2235 psi. Calc flush: 4746 gal. Actual flush: 4662 gal.
6/17/08		parted rods. Updated rod and tubing detail
11/19/08		Pump Change Updated rod & tubing details
2/13/09		Tubing Leak Updated r & t details.
6/18/2010		Tubing leak. Updated rod and tubing detail

PERFORATION RECORD

10/02/07	5035-5071'	4 JSPF	144 holes
10/05/07	4964-4969'	4 JSPF	20 holes
10/05/07	4860-4867'	4 JSPF	28 holes
10/05/07	4748-4760'	4 JSPF	48 holes



NEWFIELD

FEDERAL 16-22-9-16

2068' FSL & 649' FEL

NE/SE Section 22-T9S-R16E

Duchesne Co, Utah

API #43-013-33394; Lease # UTU-74392

Jonah Fed Q-14-9-16

Spud Date: 12/6/2008
 Put on Production: 1/26/2009
 GL: 5760' KB: 5772'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE J-55
 WEIGHT 24#
 LENGTH: 7 jts (317.16')
 DEPTH LANDED: 327 16'
 HOLE SIZE: 12-1/4"
 CEMENT DATA 160 sxs Class "G", circ 0 bbls to surf.

PRODUCTION CASING

CSG SIZE 5-1/2"
 GRADE J-55
 WEIGHT 15.5#
 LENGTH: 160 jts (6166 10')
 DEPTH LANDED 6164 10'
 HOLE SIZE: 7-7/8"
 CEMENT DATA 275 sx Prmlite II & 400 sx 50/50 poz, circ. 26 bbls to surf
 CEMENT TOP: 148' per CBL 1/9/09

TUBING (KS 7-31-09)

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 179 jts (5602.2')
 TUBING ANCHOR 5614.2'
 NO OF JOINTS 1 jt (31 10')
 SEATING NIPPLE 2-7/8" (1 10')
 SN LANDED AT 5648.10'
 NO OF JOINTS: 2 jts (63.20')
 TOTAL STRING LENGTH EOT @ 5713'

SUCKER RODS (KS 7-31-09)

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 2', 2', 8' x 7/8" Pony Rods, 221 x 7/8" 8per Guided Rods, 4 x 1-1/2" Sinker Bars
 PUMP SIZE: 2-1/2" x 1-3/4" x 16' x 20' RHAC
 STROKE LENGTH: 124"
 PUMP SPEED, SPM: 5.5
 PUMPING UNIT DARCO C-456-305-144

FRAC JOB

1/14/09 5636-5650' RU BJ & frac CPI sds as follows:
 50,262# 20/40 sand in 471 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2162 @ ave rate of 23 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2289 Actual flush: 5170 gals.

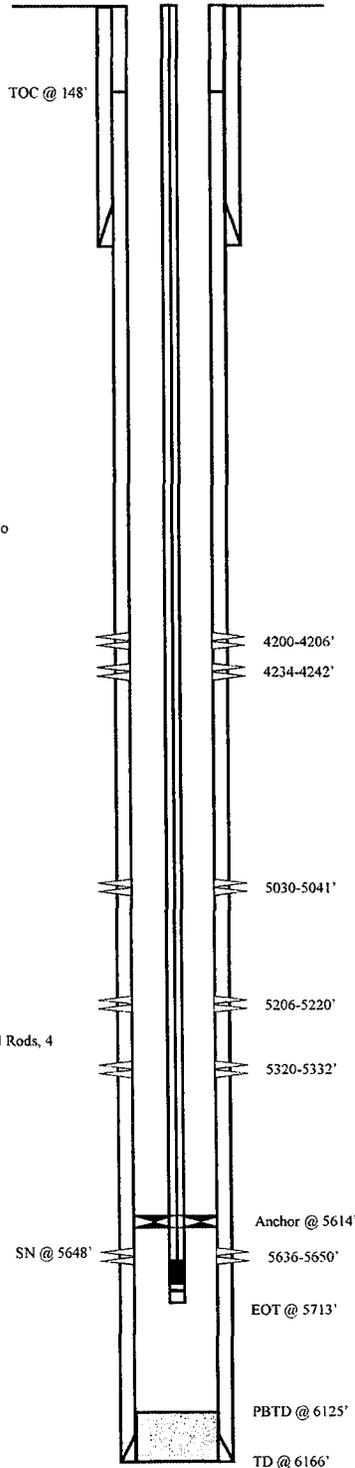
1/14/09 5320-5332' RU BJ & frac stage #2 sds as follows:
 40,638# 20/40 sand in 420 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3291 @ ave rate of 26 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2861 Actual flush: 4876 gals.

1/14/09 5206-5220' RU BJ & frac stage #3 sds as follows:
 55,182# 20/40 sand in 496 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1944 @ ave rate of 23 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2459 Actual flush: 4741 gals.

1/14/09 5030-5041' RU BJ & frac stage #4 sds as follows:
 40,414# 20/40 sand in 408 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1814 @ ave rate of 23 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1987 Actual flush: 4523 gals.

1/15/09 4200-4242' RU BJ & frac stage #5 sds as follows:
 38,064# 20/40 sand in 381 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1964 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2122 Actual flush: 4116 gals.

8/5/09 Parted rods. Updated rod & tubing detail



PERFORATION RECORD

1/15/09	4200-4206'	4 JSPF	24 holes
1/15/09	4234-4242'	4 JSPF	32 holes
1/14/09	5030-5041'	4 JSPF	44 holes
1/14/09	5206-5220'	4 JSPF	56 holes
1/15/09	5320-5332'	4 JSPF	48 holes
1/15/09	5636-5650'	4 JSPF	56 holes

NEWFIELD

Jonah Q-14-9-16
 478' FSL & 703' FWL
 SW/SW Section 14-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-34041; Lease # UTU-096547

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **BELUGA INJECTION**
Sample Point: **After production filter**
Sample Date: **12/9/2011**
Sample ID: **WA-204146**

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):	13791.93	Chloride (Cl):	20000.00
System Temperature 1 (°F):	300.00	Potassium (K):	35.40	Sulfate (SO4):	480.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	13.30	Bicarbonate (HCO3):	1854.40
System Temperature 2 (°F):	70.00	Calcium (Ca):	38.50	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.02	Barium (Ba):	6.73	Propionic Acid (C2H5COO)	0.00
pH:	8.60	Iron (Fe):	15.50	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	36236.98	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.81	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):	0.41	Silica (SiO2):	0.00
H2S in Water (mg/L):	25.00				

Notes:

P=15.5 mg/l

(PTB = Pounds per Thousand Barrels)

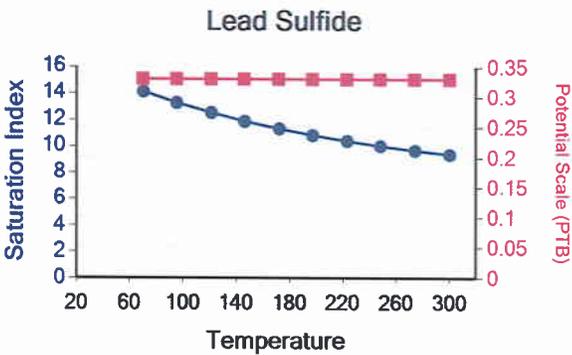
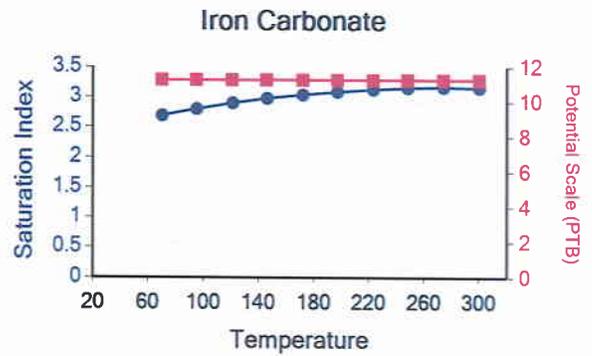
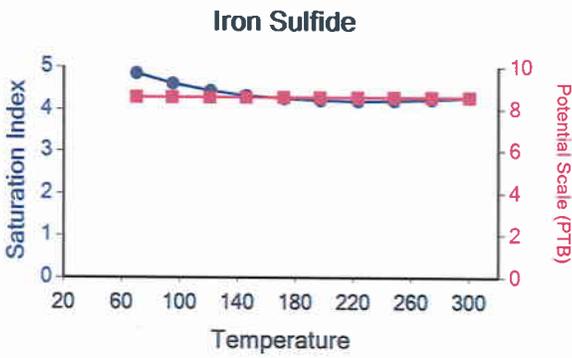
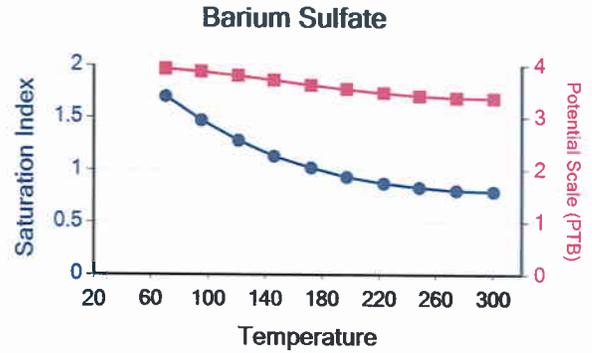
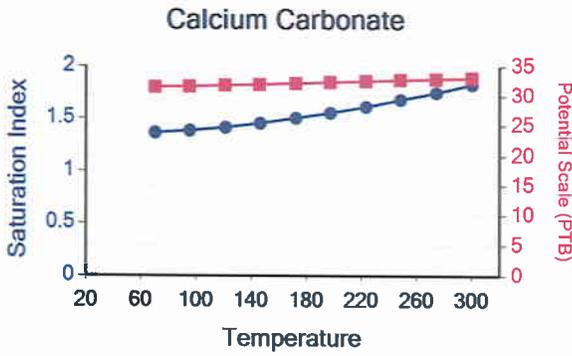
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	1.36	31.45	1.70	3.93	4.85	8.55	2.69	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	1.38	31.56	1.47	3.87	4.61	8.55	2.80	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	1.41	31.71	1.28	3.80	4.44	8.55	2.90	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	1.45	31.89	1.13	3.71	4.32	8.55	2.98	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	1.50	32.08	1.02	3.62	4.25	8.55	3.04	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	1.55	32.28	0.93	3.54	4.21	8.55	3.09	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.61	32.48	0.87	3.46	4.19	8.55	3.13	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.68	32.68	0.83	3.41	4.20	8.55	3.16	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.75	32.85	0.80	3.37	4.23	8.55	3.17	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.83	33.00	0.79	3.35	4.27	8.55	3.16	11.26	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	14.14	0.33	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	13.28	0.33	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	12.54	0.33	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	11.89	0.33	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	11.34	0.33	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	10.85	0.33	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	10.42	0.33	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	10.04	0.33	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	9.70	0.33	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	9.39	0.33	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

2 of 4

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



3 of 4

Units of Measurement: Standard

Water Analysis Report

Production Company: NEWFIELD PRODUCTION

Sales Rep: Michael McBride

Well Name: FEDERAL 5-23-9-16

Lab Tech: Gary Peterson

Sample Point:

Sample Date: 5/16/2012

Sample ID: WA-215012

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	6/5/2012	Cations		Anions	
		mg/L		mg/L	
System Temperature 1 (°F):	160.00	Sodium (Na):	3629.99	Chloride (Cl):	4700.00
System Pressure 1 (psig):	60.0000	Potassium (K):	22.00	Sulfate (SO4):	4.00
System Temperature 2 (°F):	160.00	Magnesium (Mg):	5.22	Bicarbonate (HCO3):	1708.00
System Pressure 2 (psig):	60.0000	Calcium (Ca):	16.60	Carbonate (CO3):	0.00
Calculated Density (g/ml):	1.004	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
pH:	9.40	Barium (Ba):	4.60	Propionic Acid (C2H5COO)	0.00
Calculated TDS (mg/L):	10114.61	Iron (Fe):	23.00	Butanoic Acid (C3H7COO)	0.00
CO2 in Gas (%):	0.00	Zinc (Zn):	0.80	Isobutyric Acid ((CH3)2CHCOO)	0.00
Dissolved CO2 (mg/L):	0.00	Lead (Pb):	0.02	Fluoride (F):	
H2S in Gas (%):	0.00	Ammonia NH3:		Bromine (Br):	
H2S in Water (mg/L):	0.00	Manganese (Mn):	0.38	Silica (SiO2):	

Notes:

(PTB = Pounds per Thousand Barrels)

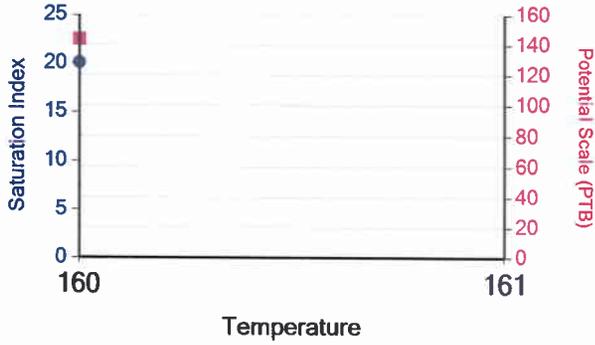
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
160.00	60.00	2.01	14.38	0.00	0.00	0.00	0.00	4.08	16.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	2.01	14.38	0.00	0.00	0.00	0.00	4.08	16.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	2.01	14.38	0.00	0.00	0.00	0.00	4.08	16.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	2.01	14.38	0.00	0.00	0.00	0.00	4.08	16.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	2.01	14.38	0.00	0.00	0.00	0.00	4.08	16.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	2.01	14.38	0.00	0.00	0.00	0.00	4.08	16.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	2.01	14.38	0.00	0.00	0.00	0.00	4.08	16.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	2.01	14.38	0.00	0.00	0.00	0.00	4.08	16.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	2.01	14.38	0.00	0.00	0.00	0.00	4.08	16.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	2.01	14.38	0.00	0.00	0.00	0.00	4.08	16.73	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
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

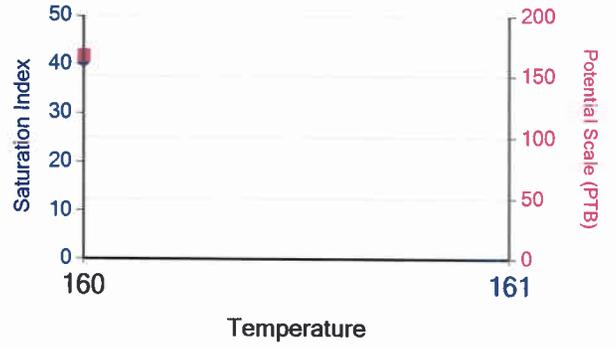
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Carbonate Zinc Carbonate

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

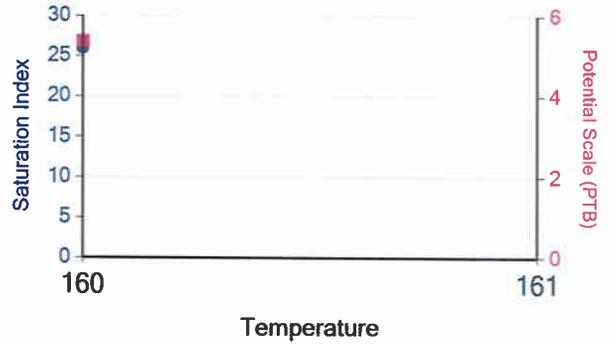
Calcium Carbonate



Iron Carbonate



Zinc Carbonate



Attachment "G"

**Federal #5-23-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4913	4946	4930	2132	0.87	2100
4755	4765	4760	1900	0.83	1869
4681	4690	4686	1943	0.85	1913
4612	4625	4619	2346	0.94	2316
3982	3992	3987	1825	0.89	1799
				Minimum	<u><u>1799</u></u>

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

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

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



DAILY COMPLETION REPORT

WELL NAME: Federal 5-23-9-16 Report Date: 21-Feb-08 Day: 1
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 314' Prod Csg: 5 1/2" @ 5815' Csg PBTD: 5718' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Row 1: A1 sds, 4913-4946', 4/132

CHRONOLOGICAL OPERATIONS

Date Work Performed: 20-Feb-08 SITP: SICIP: 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 @ 5718' & cement top @ 100'. Perforate stage #1. A1 sds @ 4913- 46' w/ 3 1/8" slick guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 132 shots (2 runs). 137 BWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 137 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 137 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

- Weatherford BOP
NPC NU crew
NDSI trucking
Perforators LLC
Drilling cost
Action hot oil
Location preparation
NPC wellhead
Benco - anchors
Admin. Overhead
NPC Supervisor

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: \$0
TOTAL WELL COST:



2 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 5-23-9-16 **Report Date:** 28-Feb-08 **Day:** 2a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 314' **Prod Csg:** 5 1/2" @ 5815' **Csg PBTD:** 5718' WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	4913-4946'	4/132			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Feb-08 **SITP:** _____ **SICP:** 0 psi

Day 2a. Stage #1, A1 sands.

RU BJ Services. 0 psi on well. Frac A1 sds w/ 160,392#'s of 20/40 sand in 1152 bbls of Lightning 17 fluid. Broke @ 2852 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1802 ps @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2132 psi. Leave pressure on well 1289 BWTR See Day 2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 137 **Starting oil rec to date:** _____
Fluid lost/recovered today: 1152 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1289 **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: A1 sands
780 gals of pre-pad of 4% Techni-Hib 767W
2370 gals of flush spacer
12100 gals of pad
8000 gals W/ 1-5 ppg of 20/40 sand
16000 gals W/ 5-8 ppg of 20/40 sand
4169 gals W/ 8 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4448 gals of slick water.

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

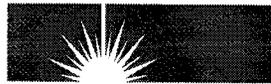
Max TP: 2043 **Max Rate:** 23.6 BPM **Total fluid pmpd:** 1152 bbls
Avg TP: 1802 **Avg Rate:** 23.2 BPM **Total Prop pmpd:** 160,392#'s
ISIP: 2132 **5 min:** _____ **10 min:** _____ **FG:** .87
Completion Supervisor: Orson Barney

COSTS

BJ Services-A1
CD wtr & trucking
Zubiate wtr heat
Weatherford tools/serv
NPC trucking
NPC supervision

DAILY COST: _____ \$0
TOTAL WELL COST: _____ \$0

NEWFIELD



ATTACHMENT G-1

3 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 5-23-9-16 **Report Date:** 28-Feb-08 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 314' **Prod Csg:** 5 1/2" @ 5815' **Csg PBDT:** 5718' WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBDT:** 4870'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
B2 sds	4755-4765'	4/40			
A1 sds	4913-4946'	4/132			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Feb-08 **SITP:** _____ **SICP:** 1650 psi

Day 2b. Stage #2, B2 sands.

RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 10' per gun. Set plug @ 4870'. Perforate B2 sds @ 4755-65' 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. RU BJ Services. 1650 psi on well. Frac B2 sds w/ 40,119#'s of 20/40 sand in 422 bbls of Lightning 17 fluid. Broke @ 3289 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1740 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1900 psi. Leave pressure on well. 1711 BWTR See Day 2c

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1289 **Starting oil rec to date:** _____
Fluid lost/recovered today: 422 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1711 **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: B2 sands
780 gals of pre-pad of 4% Techni-Hib 767W
648 gals of flush spacer
3200 gals of pad
2500 gals W/ 1-5 ppg of 20/40 sand
5792 gals W/ 5-8 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4292 gals of slick water.

COSTS

BJ Services-B2
CD wtr & trucking
Zubiate wtr heat
Weatherford tools/serv
Perforators LLC.
NPC supervision

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

Max TP: 1935 **Max Rate:** 23.4 BPM **Total fluid pmpd:** 422 bbls
Avg TP: 1740 **Avg Rate:** 23.2 BPM **Total Prop pmpd:** 40,119#'s
ISIP: 1900 **5 min:** _____ **10 min:** _____ **FG:** .83
Completion Supervisor: Orson Barney

DAILY COST: _____ \$0
TOTAL WELL COST: _____ \$0



DAILY COMPLETION REPORT

WELL NAME: Federal 5-23-9-16 Report Date: 28-Feb-08 Day: 2c
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 314' Prod Csg: 5 1/2" @ 5815' Csg PBTD: 5718' WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: 4740'
 BP: 4870'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
B.5 sds	4681-4690'	4/36			
B2 sds	4755-4765'	4/40			
A1 sds	4913-4946'	4/132			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Feb-08 SITP: _____ SICP: 1455 psi

Day 2c. Stage #3, B.5 sands.

RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 9' per gun. Set plug @ 4740'. Perforate B.5 sds @ 4681-90' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen EXP-3319-331 Titan) w/ 4 spf for total of 36 shots. RU BJ Services. 1455 psi on well. Frac B.5 sds w/ 15,432#'s of 20/40 sand in 275 bbls of Lightning 17 fluid. Broke @ 3198 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2350 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL ir flush for Stage #4. ISIP 1943 psi. Leave pressure on well. 1986 BWTR See Day 2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1711 Starting oil rec to date: _____
 Fluid lost/recovered today: 275 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1986 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: B.5 sands
780 gals of pre-pad of 4% Techni-Hib 767W
858 gals of flush spacer
1500 gals of pad
1149 gals W/ 1-4 ppg of 20/40 sand
2534 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4208 gals of slick water.

COSTS

BJ Services-B.5
CD wtr & trucking
Zubiate wtr heat
Weatherford tools/serv
Perforators LLC
NPC supervision

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

Max TP: 2640 Max Rate: 23.5 BPM Total fluid pmpd: 275 bbls
 Avg TP: 2350 Avg Rate: 23.3 BPM Total Prop pmpd: 15,431#'s
 ISIP: 1943 5 min: _____ 10 min: _____ FG: .85
 Completion Supervisor: Orson Barney

DAILY COST: _____ \$0
 TOTAL WELL COST: _____ \$0

NEWFIELD



ATTACHMENT G-1
5 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 5-23-9-16 **Report Date:** 28-Feb-08 **Day:** 2d
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 314' **Prod Csg:** 5 1/2" @ 5815' **Csg PBTD:** 5718' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4660'
BP: 4740', 4870'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>C sds</u>	<u>4612-4625'</u>	<u>4/52</u>	_____	_____	_____
<u>B.5 sds</u>	<u>4681-4690'</u>	<u>4/36</u>	_____	_____	_____
<u>B2 sds</u>	<u>4755-4765'</u>	<u>4/40</u>	_____	_____	_____
<u>A1 sds</u>	<u>4913-4946'</u>	<u>4/132</u>	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Feb-08 **SITP:** _____ **SICP:** 1275 psi

Day 2d. Stage #4, C sands.

RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 13' per gun. Set plug @ 4660'. Perforate C sds @ 4612-25' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 52 shots. RU BJ Services. 1275 psi on well. Frac C sds w/ 60,639#'s of 20/40 sand in 500 bbls of Lightning 17 fluid. Broke @ 2208 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2137 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2346 psi. Leave pressure on well. 2486 BWTR See Day 2e.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1986 **Starting oil rec to date:** _____
Fluid lost/recovered today: 500 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2486 **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: C sands
780 gals of pre-pad of 4% Techni-Hib 767W
480 gals of flush spacer
4600 gals of pad
3000 gals W/ 1-5 ppg of 20/40 sand
6000 gals W/ 5-8 ppg of 20/40 sand
1571 gals W/ 8 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4078 gals of slick water.

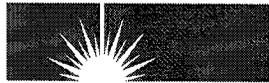
****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 2470 **Max Rate:** 23.5 BPM **Total fluid pmpd:** 500 bbls
Avg TP: 2137 **Avg Rate:** 23.2 BPM **Total Prop pmpd:** 60,639#'s
ISIP: 2346 **5 min:** _____ **10 min:** _____ **FG:** .94
Completion Supervisor: Orson Barney

COSTS

BJ Services-C
CD wtr & trucking
Zubiate wtr heat
Weatherford tools/serv
Perforators LLC
NPC supervision

DAILY COST: _____ \$0
TOTAL WELL COST: _____ \$0



6 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 5-23-9-16 **Report Date:** 28-Feb-08 **Day:** 2e
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 314' **Prod Csg:** 5 1/2" @ 5815' **Csg PBTD:** 5718' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4100'
BP: 4660', 4740', 4870'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>GB6 sds</u>	<u>3982-3992'</u>	<u>4/40</u>	_____	_____	_____
<u>C sds</u>	<u>4612-4625'</u>	<u>4/52</u>	_____	_____	_____
<u>B.5 sds</u>	<u>4681-4690'</u>	<u>4/36</u>	_____	_____	_____
<u>B2 sds</u>	<u>4755-4765'</u>	<u>4/40</u>	_____	_____	_____
<u>A1 sds</u>	<u>4913-4946'</u>	<u>4/132</u>	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Feb-08 **SITP:** _____ **SICP:** 1610 psi

Day 2e. Stage #5, GB6 sands.

RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 10' per gun. Set plug @ 4100'. Perforate GB6 sds @ 3982-92' 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. RU BJ Services. 1610 psi on well. Frac GB6 sds w/ 46,568#'s of 20/40 sand in 418 bbls of Lightning 17 fluid. Broke @ 2549 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1726 psi @ ave rate of 23.3 BPM. ISIP 1825 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 7 hrs & died. Rec. 420 BTF. SIWFN w/ 2484 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2486 **Starting oil rec to date:** _____
Fluid lost/recovered today: 2 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2484 **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: GB6 sands
780 gals of pre-pad of 4% Techni-Hib 767W
648 gals of flush spacer
3800 gals of pad
2625 gals W/ 1-5 ppg of 20/40 sand
5250 gals W/ 5-8 ppg of 20/40 sand
543 gals W/ 8 ppg of 20/40 sand
Flush W/ 3914 gals of slick water.

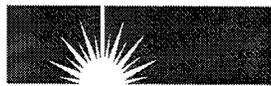
COSTS

BJ Services-GB6
CD wtr & trucking
Zubiate wtr heat
Weatherford tools/serv
Perforators LLC
NPC supervision
Unichem chemicals
CD wtr transfer
Pit reclaim
NPC sfc equipment
Boren welding/labor
NDSI wtr disposal
NPC flowback hand

Max TP: 1890 **Max Rate:** 23.6 BPM **Total fluid pmpd:** 418 bbls
Avg TP: 1726 **Avg Rate:** 23.3 BPM **Total Prop pmpd:** 46,568#'s
ISIP: 1825 **5 min:** _____ **10 min:** _____ **FG:** .89
Completion Supervisor: Orson Barney

DAILY COST: _____ \$0
TOTAL WELL COST: _____ \$0

NEWFIELD



ATTACHMENT G-1

10 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 5-23-9-16 **Report Date:** March 6, 2008 **Day:** 6
Operation: Completion **Rig:** Western #4

WELL STATUS

Surf Csg: 8 5/8' @ 314' **Prod Csg:** 5 1/2" @ 5815' **Csg PBTD:** 5760'
Tbg: **Size:** 2 7/8" **Wt:** 6.5# **Grd:** J-55 **Anchor @:** 4904' **BP/Sand PBTD:** 5760'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	3982-3992'	4/40			
C sds	4612-4625'	4/52			
B.5 sds	4681-4690'	4/36			
B2 sds	4755-4765'	4/40			
A1 sds	4913-4946'	4/132			

CHRONOLOGICAL OPERATIONS

Date Work Performed: March 5, 2008 **SITP:** 100 **SICP:** 175

Thaw wellhead, BOP & tbg stump W/ HO trk. Bleed gas off well. TIH W/ tbg. Tag sd @ 5750' (10' new fill). C/O sd to PBTD @ 5760'. Circ hole clean. Lost est 40 BW. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new CDI 1 1/2" TA (45K) & 154 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 4904' W/ SN @ 4970' & EOT @ 5034'. Land tbg W/ 16,000# tension. NL wellhead. RU & flush tbg W/ 60 BW (returned 50 bbls). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 19.5 polished rod. Seat pump & RU pumping unit. Fill tbg W/ 5 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Goo pump action. RDMOSU. Est 2444 BWTR.
 Place well on production @ 5:00 PM 3/5/2008 W/ 120" SL @ 5 SPM.
FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2389 **Starting oil rec to date:** _____
Fluid lost/recovered today: 55 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2444 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

TUBING DETAIL

ROD DETAIL

COSTS

TUBING DETAIL	ROD DETAIL	COSTS
KB 12.00'	1 1/2" x 26' polished rod	Western rig #4
154 2 7/8 J-55 (4892.46')	1-6' & 1-2' X 3/4" pony rods	Weatherford BOP
TA (2.80') @ 4904.46' KB	99- 3/4" guided rods	Zubiate HO trk
2 2 7/8 J-55 (63.04')	73- 3/4" plain rods	CDI rod pump
SN (1.10') @ 4970.31' KB	20- 3/4" guided rods	NPC trucking
2 2 7/8 J-55 (62.64')	6- 1 1/2" weight bars	"A" grade rod string
2 7/8 NC (.45')	CDI 2 1/2" x 1 1/2" x 16' x 19.5'	NPC frac tks(8X5 dys)
EOT 5034.50' W/ 12' KB	RHAC pump	NPC swb tk (4 days)
		NPC frac head
		NPC supervision

Completion Supervisor: Gary Dietz

DAILY COST: _____ \$0
TOTAL WELL COST: _____ \$0

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3932'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 150' balance plug using 16 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 42 sx Class "G" cement down 5 1/2" casing to 351'

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

Federal 5-23-9-16

Spud Date: 1/17/08
 Put on Production: 3-5-08
 GL: 5749' KB: 5761'

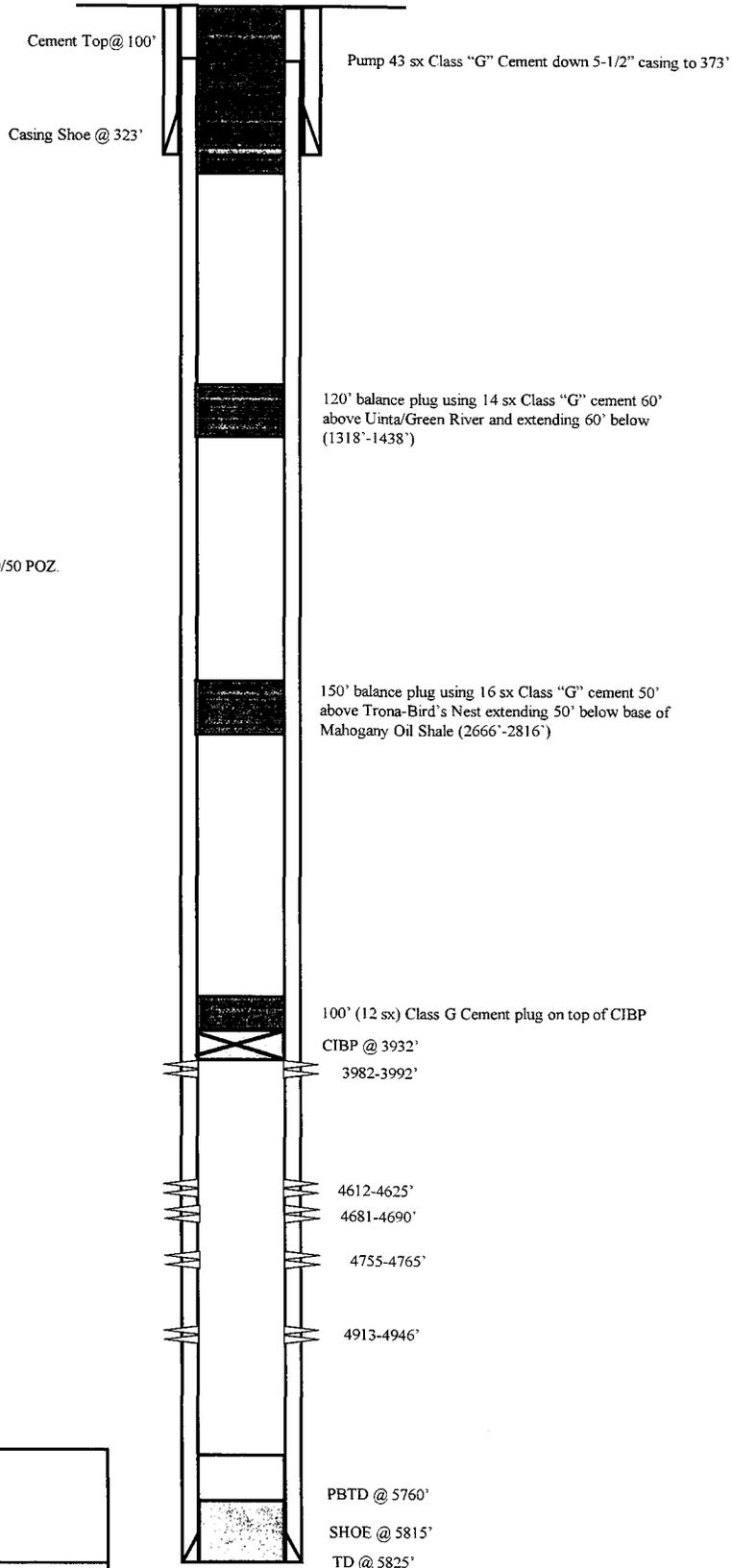
Proposed P & A
 Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.39')
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 323.24'
 CEMENT DATA: 160 sxs Class "G" cmt

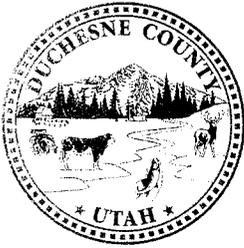
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 146 jts. (5781.03')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5814.84'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 100'



NEWFIELD

Federal 5-23-9-16
 2125' FNL & 595' FWL
 SWNW Section 23-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32960; Lease #UTU-15855



*Duchesne County Planning, Zoning
& Community Development
734 North Center Street
P.O. Box 317
Duchesne, Utah 84021
(435) 738-1152
Fax (435) 738-5522*

June 26, 2012

Mr. Brad Hill, Permitting Manager
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RECEIVED

JUN 27 2012

DIV. OF OIL, GAS & MINING

RE: Newfield Production Company Injection Wells (Causes No UIC-395 & 396)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert 30 wells, located in Sections 5, 8, 9, 11, 12, 13, 16, 17, 18, 19, 21, 22, 23, 24, 27, 29 and 30, Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP
Community Development Administrator

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

Send Payments to:
 Uintah Basin Standard
 268 S 200 E
 Roosevelt, Utah 84066
 Phone: 435-722-5131
 Fax: 435-722-4140

Uintah Basin
Standard
 www.ubstandard.com
Express
 www.vernal.com

RECEIVED
 JUL 09 2012

DIV. OF OIL, GAS & MINING
 Advertiser No. 2080

Invoice Number	32047	Invoice Date	6/26/2012
Invoice Amount	\$176.25	Due Date	7/26/2012

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

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. 32047	6/26/2012
Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
6/26/2012	16065 UBS	UBS Legal Notice: Not of Agcy Actn: Cause No. UIC-395 Pub. June 26, 2012				\$176.25
					Sub Total:	\$176.25
Total Transactions: 1					Total:	\$176.25

SUMMARY Advertiser No. 2080 Invoice No. 32047

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!

WIC 395

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 26 day of June, 2012, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of June, 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
5 day of July, 2012
by Kevin Ashby.

Bonnie Parrish
Notary Public



Beginning at a point
which bears 49.50 feet
North 00°47'28" West
along the West line of
the Northwest Quarter
of said Section 28,
from the Southwest
Corner of the North-
west Quarter of the
Southwest Quarter of
said Section 28, and
running thence North
0°47'28" West 511.57
feet, along the West
line of the Northwest
Quarter of the South-
west Quarter of said
Section 28; thence
North 89°20'46" East
702.11 feet, parallel
to the South line of
said Section 28, and
running thence North
/s/
Brad Hill
Permitting Manager
Published in the
Uintah Basin Standard
June 26, 2012.
Dated this 20th day
of June, 2012.
STATE OF UTAH
DIVISION OF OIL,
GAS & MINING
I, the undersigned, being
a duly qualified and
authorized Notary Public
for the State of Utah,
do hereby certify that
the foregoing is a true
and correct copy of the
original as the same
was presented to me
for recording.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-395

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 5, 8, 9, 11, 13, 17, 19, 22, 23, AND 30, 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:

- West Point U 12-5-9-16 well located in NW/4 SW/4, Section 5, Township 9 South, Range 16 East
API 43-013-31933
- Federal 7-8-9-16 well located in SW/4 NE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33056
- Federal 9-8-9-16 well located in NE/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33058
- West Point 12-8-9-16 well located in NW/4 SW/4, Section 8, Township 9 South, Range 16 East
API 43-013-32286
- Federal 15-8-9-16 well located in SW/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33060
- Federal 5-9-9-16 well located in SW/4 NW/4, Section 9, Township 9 South, Range 16 East
API 43-013-32916
- Federal 11A-9-9-16 well located in NE/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33050
- Goates Fed 1 well located in SE/4 SW/4, Section 11, Township 9 South, Range 16 East
API 43-013-15789
- Federal 13-13-9-16 well located in SW/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32650
- Federal 1-17-9-16 well located in NE/4 NE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33028
- Federal 15-17-9-16 well located in SW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33037
- Federal 3-19-9-16 well located in NE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33064
- Federal 5-22-9-16 well located in SW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33025
- Federal 16-22-9-16 well located in NE/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33394
- Federal 5-23-9-16 well located in SW/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-32960
- Federal 9-23 well located in NE/4 SE/4, Section 23, Township 9 South, Range 16 East
API 43-013-30654
- Federal 1-30-9-16 well located in NE/4 NE/4, Section 30, Township 9 South, Range 16 East
API 43-013-33452

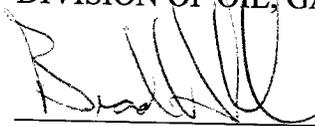
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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 20th day of June, 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

**WEST POINT U 12-5-9-16, FEDERAL 7-8-9-16, FEDERAL 9-8-9-16, WEST POINT 12-8-9-16,
FEDERAL 15-8-9-16, FEDERAL 5-9-9-16, FEDERAL 11A-9-9-16, GOATES FED 1,
FEDERAL 13-13-9-16, FEDERAL 1-17-9-16, FEDERAL 15-17-9-16, FEDERAL 3-19-9-16,
FEDERAL 5-22-9-16, FEDERAL 16-22-9-16, FEDERAL 5-23-9-16,
FEDERAL 9-23, FEDERAL 1-30-9-16**

Cause No. UIC-395

Publication Notices were sent to the following:

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

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

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

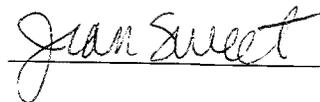
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

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

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





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

June 21, 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-395

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-395

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 6/22/2012 8:05 AM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

On 6/21/2012 5:07 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

Received. Thank you. It will run June 26.
Cindy



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

June 21, 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-395

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: 6/22/2012 9:13 AM
Subject: Legal Notice - UIC 395
Attachments: OrderConf.pdf

AD# 802910
Run Trib/DNews - 6/26
Cost \$448.52
Thank you
Mark

Order Confirmation for Ad #0000802910-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
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	Jean	mfultz

Total Amount	\$448.52			
Payment Amt	\$0.00			
Amount Due	\$448.52	<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
		0	0	1
Payment Method		<u>PO Number</u>	UIC 395	

Confirmation Notes:
Text: Jean

Ad Type	Ad Size	Color
Legal Liner	3.0 X 88 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):	06/26/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	06/26/2012	

Order Confirmation for Ad #0000802910-01

Ad Content Proof Actual Size

Order Confirmation for Ad #0000802910-01

Ad Content Proof 135%

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-395

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 5, 8, 9, 11, 13, 17, 19, 22, 23, AND 30, 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 injector wells:

Greater Monument Butte Unit:

West Point U 12-5-9-16 well located in NW/4 SW/4, Section 5, Township 9 South, Range 16 East

API 43-013-31933

Federal 7-8-9-16 well located in SW/4 NE/4, Section 8, Township 9 South, Range 16 East

API 43-013-33056

Federal 9-8-9-16 well located in NE/4 SE/4, Section 8, Township 9 South, Range 16 East

API 43-013-33058

West Point 12-8-9-16 well located in NW/4 SW/4, Section 8, Township 9 South, Range 16 East

API 43-013-32286

Federal 15-8-9-16 well located in SW/4 SE/4, Section 8, Township 9 South, Range 16 East

API 43-013-33060

Federal 5-9-9-16 well located in SW/4 NW/4, Section 9, Township 9 South, Range 16 East

API 43-013-32916

Federal 11A-9-9-16 well located in NE/4 SW/4, Section 9, Township 9 South, Range 16 East

API 43-013-33050

Coates Fed 1 well located in SE/4 SW/4, Section 11, Township 9 South, Range 16 East

API 43-013-15789

Federal 13-13-9-16 well located in SW/4 SW/4, Section 13, Township 9 South, Range 16 East

API 43-013-32650

Federal 1-17-9-16 well located in NE/4 NE/4, Section 17, Township 9 South, Range 16 East

API 43-013-33028

Federal 15-17-9-16 well located in SW/4 SE/4, Section 17, Township 9 South, Range 16 East

API 43-013-33037

Federal 3-19-9-16 well located in NE/4 NW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33064

Federal 5-22-9-16 well located in SW/4 NW/4, Section 22, Township 9 South, Range 16 East

API 43-013-33025

Federal 16-22-9-16 well located in NE/4 SE/4, Section 22, Township 9 South, Range 16 East

API 43-013-33394

Federal 5-23-9-16 well located in SW/4 NW/4, Section 23, Township 9 South, Range 16 East

API 43-013-32960

Federal 9-23 well located in NE/4 SE/4, Section 23, Township 9 South, Range 16 East

API 43-013-30654

Federal 1-30-9-16 well located in NE/4 NE/4, Section 30, Township 9 South, Range 16 East

API 43-013-33452

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

Selected zones in the Greer River Formation will be used for water injection. The maximum requested injector 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 20th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Brad Hill
Permitting Manager
802910

UPAXLP

06/22/2012 9:06:58AM



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

November 26, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 5-23-9-16, Section 23, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32960

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 3,774 feet in the Federal 5-23-9-16 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,

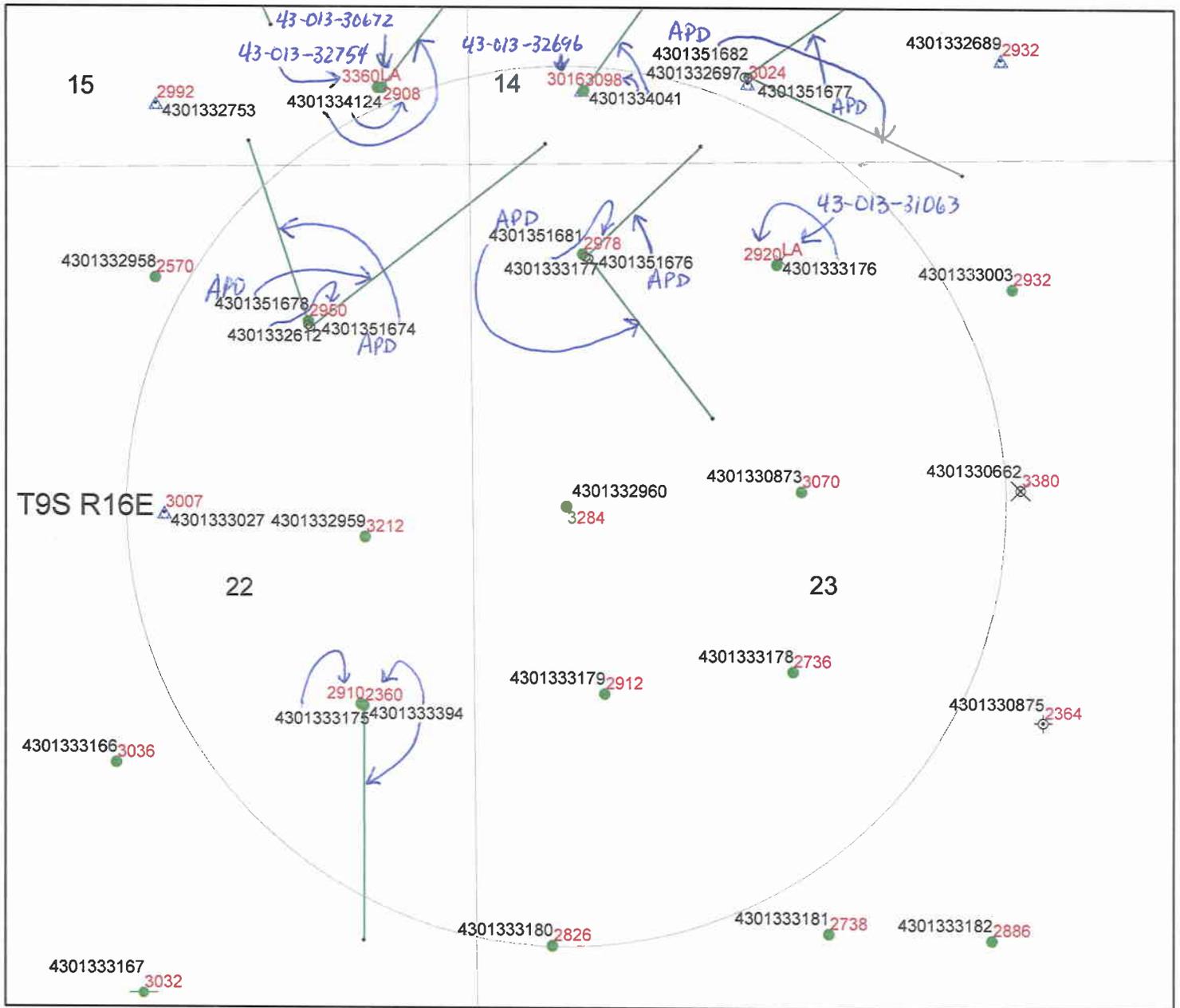
John Rogers
Associate Director

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 5-23-9-16
 API #43-013-32960
 UIC 395.15

Legend

- Buffer_of_SGID93_ENERGY_DNROilGasWells_162
- * PGW
- POW
- ▲ RET
- * SGW
- SOW
- SGID93 ENERGY.DNROilGasWells
- * TA
- TW
- SGID93.ENERGY.DNROilGasWells**
- APD
- DRL
- GIW
- GSW
- WDW
- WW
- WSW
- LA
- LOC
- OPS
- PA
- SGID93 BOUNDARIES Counties
- SGID93 ENERGY.DNROilGasWells_HDBottom
- SGID93 ENERGY.DNROilGasWells_HDPath
- Wells-CbltopsMaster10_24_12



1870calc = approx cement top calculated from well completion report

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

Applicant: Newfield Production Company **Well:** Federal 5-23-9-16

Location: 23/9S/16E **API:** 43-013-32960

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 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,815 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,284 feet. A 2 7/8 inch tubing with a packer will be set at 3,532 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 12 producing wells and 2 injection wells in the AOR. Two of the producing wells are directionally drilled, with a surface locations inside the AOR and bottom hole locations outside the AOR. In addition, there is 1 approved surface location inside the AOR from which a directional well will be drilled to a bottom hole location outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2400 feet. Injection shall be limited to the interval between 3,774 feet and 5,760 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 5-23-9-16 well is 0.89 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,799 psig. The requested maximum pressure is 1,799 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 5-23-9-16

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: 10/26/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855
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 5-23-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 4301332960000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2145 FNL 0574 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 23 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: 12/12/2012	<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 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 subject well has been converted from a producing oil well to an injection well on 12/11/2012. On 12/12/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/12/2012 the casing was pressured up to 1610 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 350 psig during the test. There was not a State representative available to witness the test.

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

Date: January 16, 2013
By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/19/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 12/12/12 Time 9:30 am pm
Test Conducted by: Riley Bagley
Others Present: _____

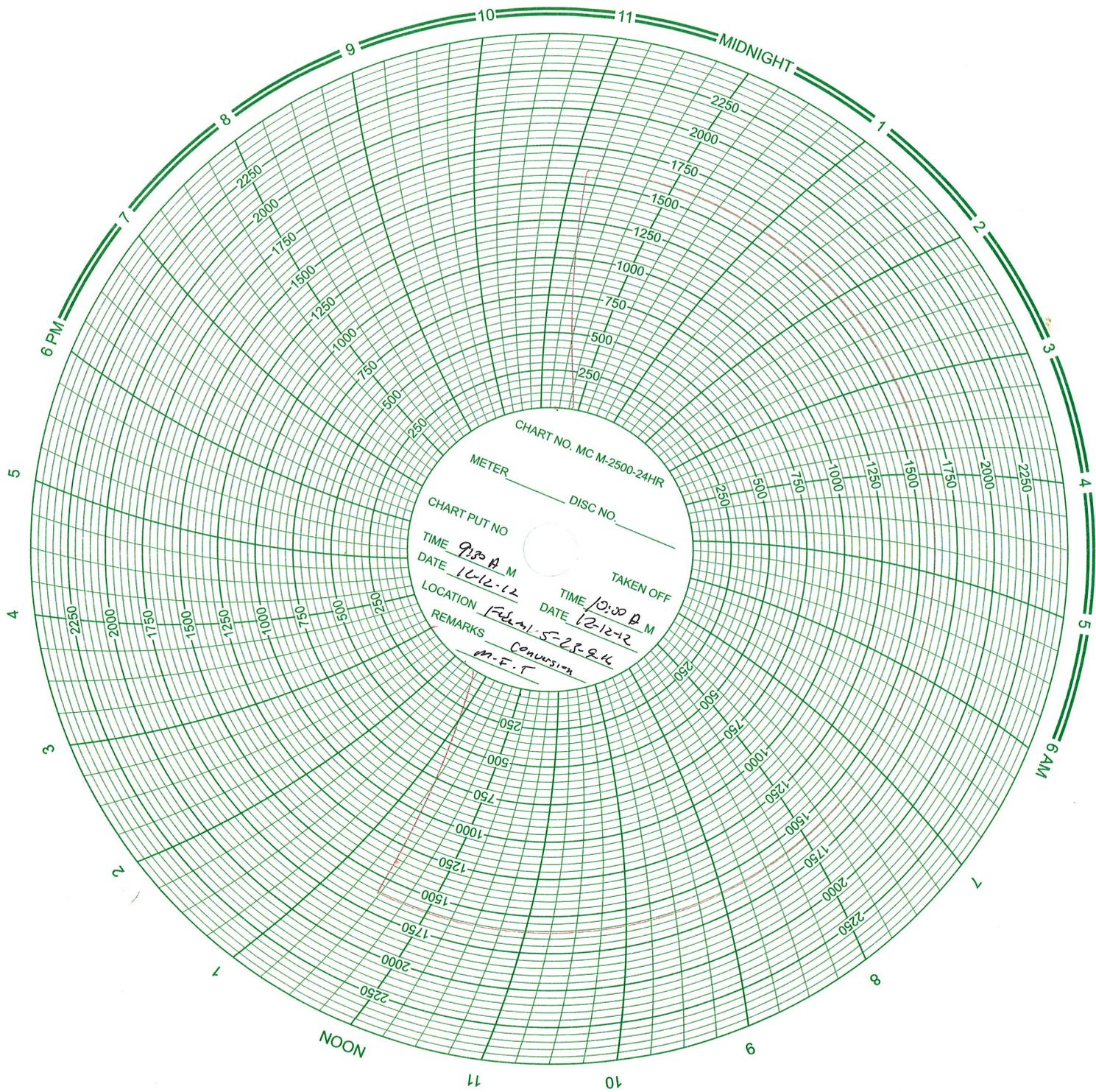
Well: Federal 5-23-9-16 Field: Monument Butte
Well Location: Federal 5-23-9-16 API No: 43-1332 960

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1610</u>	psig
5	<u>1610</u>	psig
10	<u>1610</u>	psig
15	<u>1610</u>	psig
20	<u>1610</u>	psig
25	<u>1610</u>	psig
30 min	<u>1610</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 350 psig

Result: Pass Fail

Signature of Witness: _____
Signature of Person Conducting Test: Riley Bagley



Daily Activity Report

Format For Sundry

FEDERAL 5-23-9-16

10/1/2012 To 2/28/2013

12/7/2012 Day: 1

Conversion

WWS#3 on 12/7/2012 - MIRUSU, LD rods - Wait on Benco, Pump 60 bbbls down csg, unseat pump, w/12000 over string wt. Flush rods & tbg w/40bbbls, reseal pump, soft seat and test to 3000psi w/10bbbls. LD 1-2, 1-6-3/4. Pony rods 99-3/4 guided and 30-3/4 slick rods . SDFN

Daily Cost: \$0

Cumulative Cost: \$14,730

12/10/2012 Day: 2

Conversion

WWS#3 on 12/10/2012 - flush robs and TBG TOO H W/TAC draging and breaking + redoping - Crew travel + safety meeting, flush rods and tubing W/30 bbbls cant TOO H as follows 2,6y 3/4 pony rods 99 3/4 guided rods, 73 3/4 slick rods, 20 3/4 guided rods, 6-1 1/2 WT rods, X- overto TBG equipment ND wellhead release TAC, NU BOPs, RU floor + TBG equipment, TOO H W/ TAC draging breaking + redope + tally total 124 JTS, CWI @ 4:00.

Daily Cost: \$0

Cumulative Cost: \$21,320

12/11/2012 Day: 3

Conversion

WWS#3 on 12/11/2012 - TOH w/tubing psi test - Cont tooh, LD 35 jts. Put TIH w/ X-N, 6' Pup jt, x-over, packer, on/off tool & PSN. !@# jts 27/8 J55 pump 10 bbbls. Drop SV, pressure up to 3000 psi. Loosing 25 psi in 30min. LD 8 pup jt, press well to 3000psi. Cont lossing 25psi every 30 min. Fish SV, pump 10bbbls pad. New SV press up to 3000 psi.

Daily Cost: \$0

Cumulative Cost: \$28,035

12/12/2012 Day: 5

Conversion

Rigless on 12/12/2012 - Conduct initial MIT - Crew travel and safety meeting, thaw out wellhead check pressure on well 2420 press TBG UP to 3000PSI get good test @11:00am, fish SV ND BOPs landed TBG W/B-1 Adaptor flange Pump 50 BBLS fresh water W/ PKR fluid Set packer W/15000 tension W/CE @ 3932.90 get good test at 3:30pm, RDMO - On 12/12/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/12/2012 the casing was pressured up to 1610 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 350 psig during the test. There was not a State representative available to witness the test. - On 12/12/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/12/2012 the casing was pressured up to 1610 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 350 psig during the test. There was not a State representative available to witness the test. - Crew travel and safety meeting, thaw out wellhead check pressure on well 2420 press TBG UP to 3000PSI get good test @11:00am, fish SV ND BOPs landed TBG W/B-1 Adaptor flange Pump 50 BBLS fresh water W/ PKR fluid Set packer W/15000 tension W/CE @ 3932.90 get good test at 3:30pm, RDMO **Finalized**

Daily Cost: \$0

Cumulative Cost: \$118,179

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-15855	
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 5-23-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	
9. API NUMBER: 4301332960000	
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: 2145 FNL 0574 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 23 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: 5/3/2013	<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 10:30 AM on 05/03/2013.

Accepted by the Utah Division of Oil, Gas and Mining

Date: May 14, 2013

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/6/2013	

Spud Date: 1/17/08
 Put on Production: 3-5-08
 GL: 5749' KB: 5761'

Federal 5-23-9-16

Injection Wellbore Diagram

SURFACE CASING

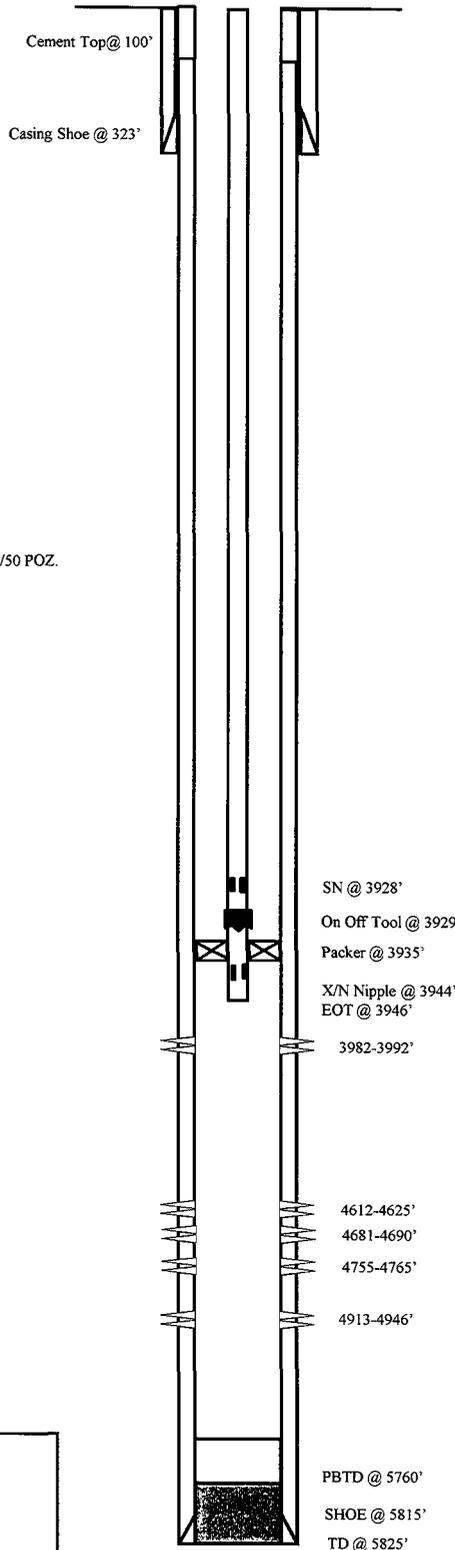
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.39')
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 323.24'
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 146 jts. (5781.03')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5814.84'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 100'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 123 jts (3915.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3927.9' KB
 ON/OFF TOOL AT: 3929.0'
 ARROW #1 PACKER CE AT: 3934.8'
 XO 2-3/8 x 2-7/8 J-55 AT: 3937.7'
 TBG PUP 2-3/8 J-55 AT: 3938.2'
 X/N NIPPLE AT: 3944.4'
 TOTAL STRING LENGTH: EOT @ 3946'



FRAC JOB

2-27-08 4913-4946' **Frac A1 sands as follows:**
 Frac with 160392 #'s of 20/40 sand in 1152 bbls Lightning 17 fluid. Treat at an ave pressure of 1802 psi @ 23.2 BPM. ISIP 2132 psi.

2-27-08 4755-4765' **Frac B2 sands as follows:**
 Frac with 40119 #'s of 20/40 sand in 422 bbls Lightning 17 fluid. Treat at an ave pressure of 1740 psi @ 23.2 BPM. ISIP 1900 psi.

2-27-08 4681-4690' **Frac B.5 sands as follows:**
 Frac with 15432 #'s of 20/40 sand in 275 bbls Lightning 17 fluid. Treat at an ave pressure of 2350 psi @ 23.3 BPM. ISIP 1943 psi.

2-27-08 4612-4625' **Frac C sand as follows:**
 Frac with 60639 #'s of 20/40 sand in 500 bbls of Lightning 17 fluid. Treat at an ave pressure of 2137 psi @ 23.2 BPM. ISIP 2346 psi.

2-27-08 3982-3992' **Frac GB6 sands as follows:**
 Frac with 46568 #'s of 20/40 sand in 418 bbls of Lightning 17 fluid. Treat at an ave pressure of 1726 psi @ 23.3 BPM. ISIP 1825 psi.

1/24/09 **Pump Change.** Updated r & t details.

12/11/12 **Convert to Injection Well**

12/12/12 **Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

3982-3992'	4 JSPF	40 holes
4612-4625'	4 JSPF	52 holes
4681-4690'	4 JSPF	36 holes
4755-4765'	4 JSPF	40 holes
4913-4946'	4 JSPF	132 holes



NEWFIELD

Federal 5-23-9-16
 2125' FNL & 595' FWL
 SWNW Section 23-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32960; Lease #UTU-15855



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

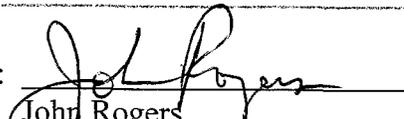
Cause No. UIC-395

Operator: Newfield Production Company
Well: Federal 5-23-9-16
Location: Section 23, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32960
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on November 26, 2012.
2. Maximum Allowable Injection Pressure: 1,799 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,774' – 5,760')
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

1/31/13
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

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

