



March 3, 2006

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

RE: Applications for Permit to Drill: Federal 1-24-9-16, 2-24-9-16, 3-24-9-16, 7-24-9-16, and 8-24-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,


Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
MAR 06 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		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		8. Lease Name and Well No. Federal 1-24-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33082
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE/NE 537' FNL 671' FEL 580215X 40.022.133 At proposed prod. zone 4430427Y -110.06004		10. Field and Pool, or Exploratory, Monument Butte 100
11. Sec., T., R., M., or Blk. and Survey or Area NE/NE Sec. 24, T9S R16E		12. County or Parish Duchesne
14. Distance in miles and direction from nearest town or post office* Approximatley 16.8 miles south of Myton, Utah		13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 537' 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. 1397'	19. Proposed Depth 5798'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5535' GL	22. Approximate date work will start* 2nd 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 3/3/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 03-09-06
Title ENVIRONMENTAL MANAGER		

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

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

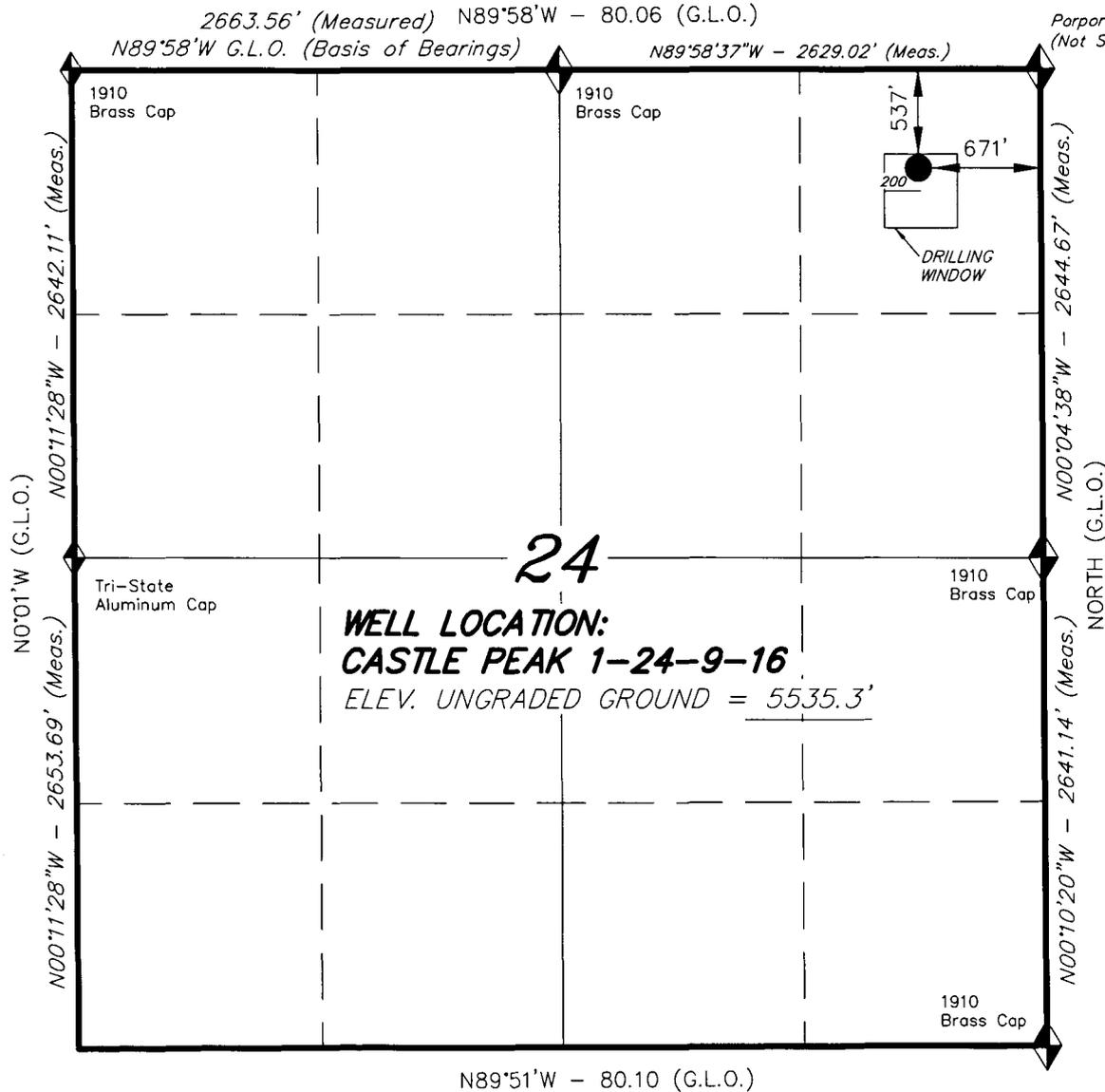
*(Instructions on reverse)

**Federal Approval of this
Action Is Necessary**

RECEIVED
MAR 06 2006
DIV. OF OIL, GAS & MINING

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

NEWFIELD PRODUCTION COMPANY

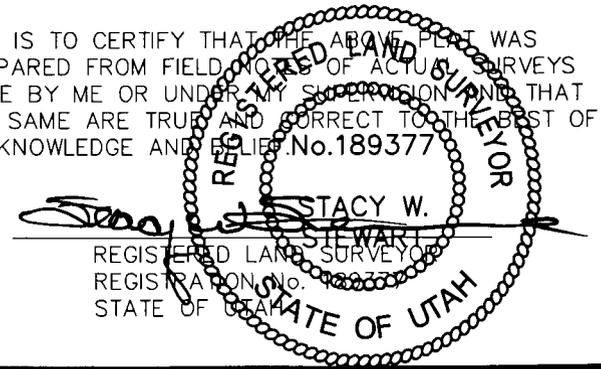


Portionned (Not Set)

WELL LOCATION, CASTLE PEAK 1-24-9-16, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 24, 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 1-24-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 19.71"
 LONGITUDE = 110° 03' 38.63"

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

DATE SURVEYED: 2-14-06	SURVEYED BY: C.M.
DATE DRAWN: 2-15-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #1-24-9-16
NE/NE SECTION 24, 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' – 2159'
Green River	2159'
Wasatch	5798'

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

Green River Formation 2159' – 5798' - 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 #1-24-9-16
NE/NE SECTION 24, 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 #1-24-9-16 located in the NE 1/4 NE 1/4 Section 24, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles ± to it's junction with an existing dirt road to the southwest; proceed southwesterly - 3.5 miles ± to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 910' ± to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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 #1-24-9-16 Newfield Production Company requests a 40' ROW be granted in Lease UTU-64805 and 870' 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 a 40' ROW in Lease UTU-64805 and 870' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed gas lines. It is proposed that the ROW and 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 a 1,030' ROW in Lease UTU-64805 and 870' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed water lines. It is proposed that the ROW and 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: Am. Torres to advise.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #1-24-9-16 was on-sited on 11/30/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (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 #1-24-9-16 NE/NE Section 24, 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.

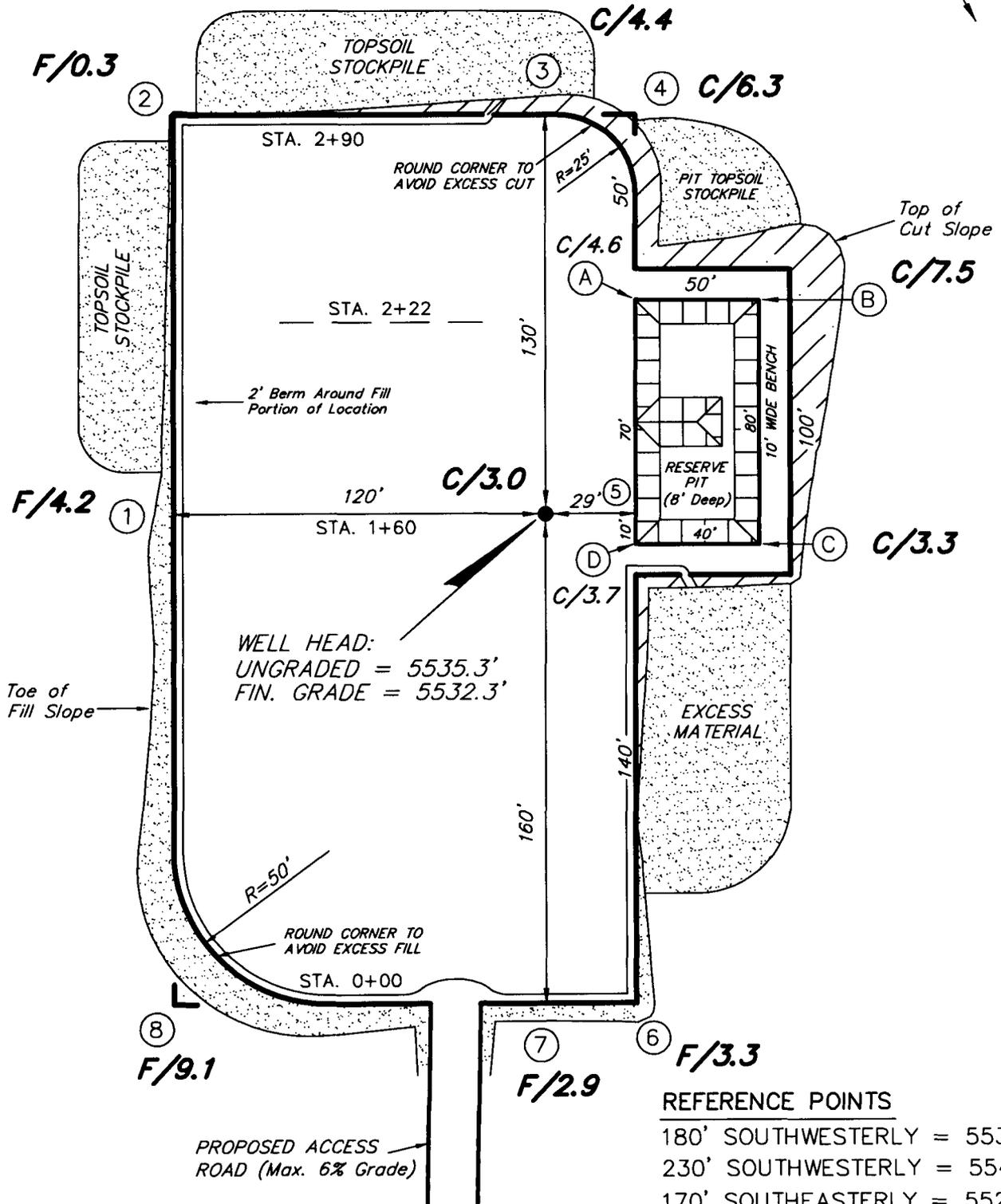
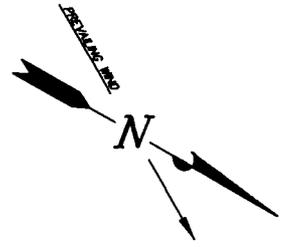
3/3/06
 Date


 Mandie Crozier
 Regulatory Specialist
 Newfield Production Company

NEWFIELD PRODUCTION COMPANY

CASTLE PEAK 1-24-9-16

Section 24, T9S, R16E, S.L.B.&M.

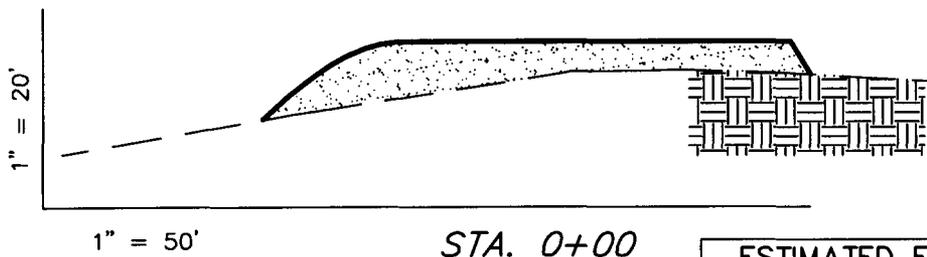
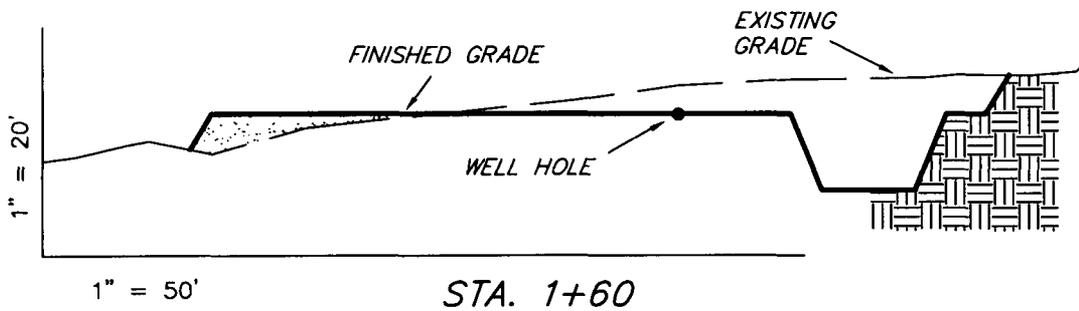
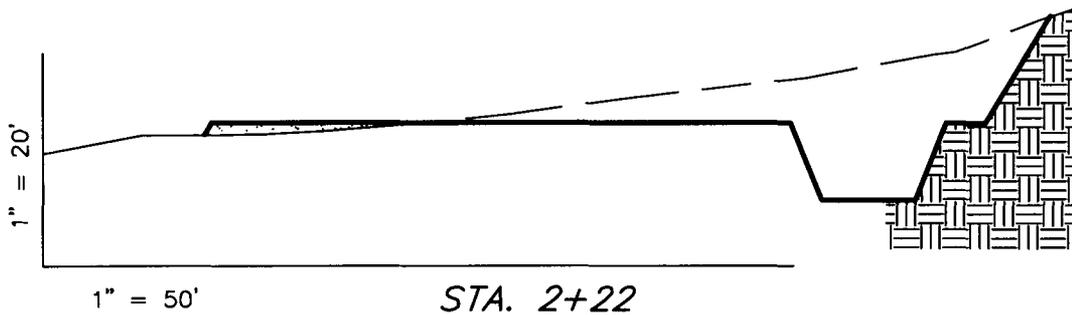
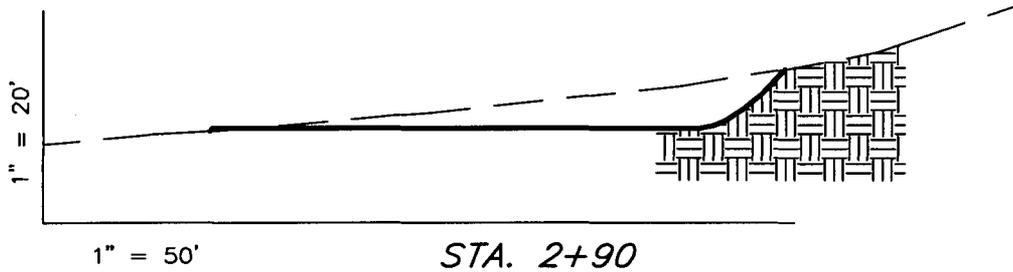


SURVEYED BY: C.M.	SCALE: 1" = 50'	<p>Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501</p>
DRAWN BY: M.W.	DATE: 2-15-06	

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

CASTLE PEAK 1-24-9-16



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	2,400	2,370	Topsoil is not included in Pad Cut	30
PIT	640	0		640
TOTALS	3,040	2,370	1000	670

SURVEYED BY: C.M.

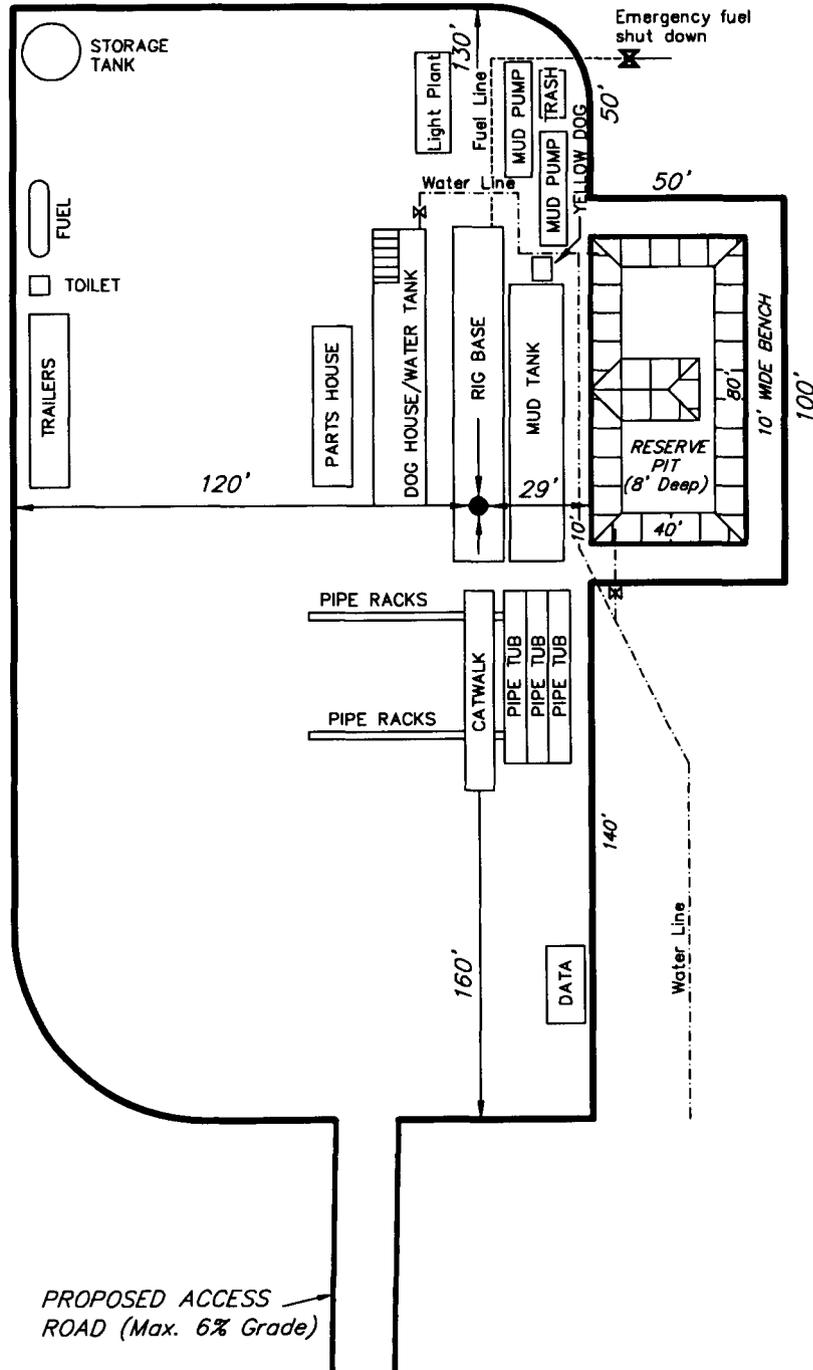
SCALE: 1" = 50'

DRAWN BY: M.W.

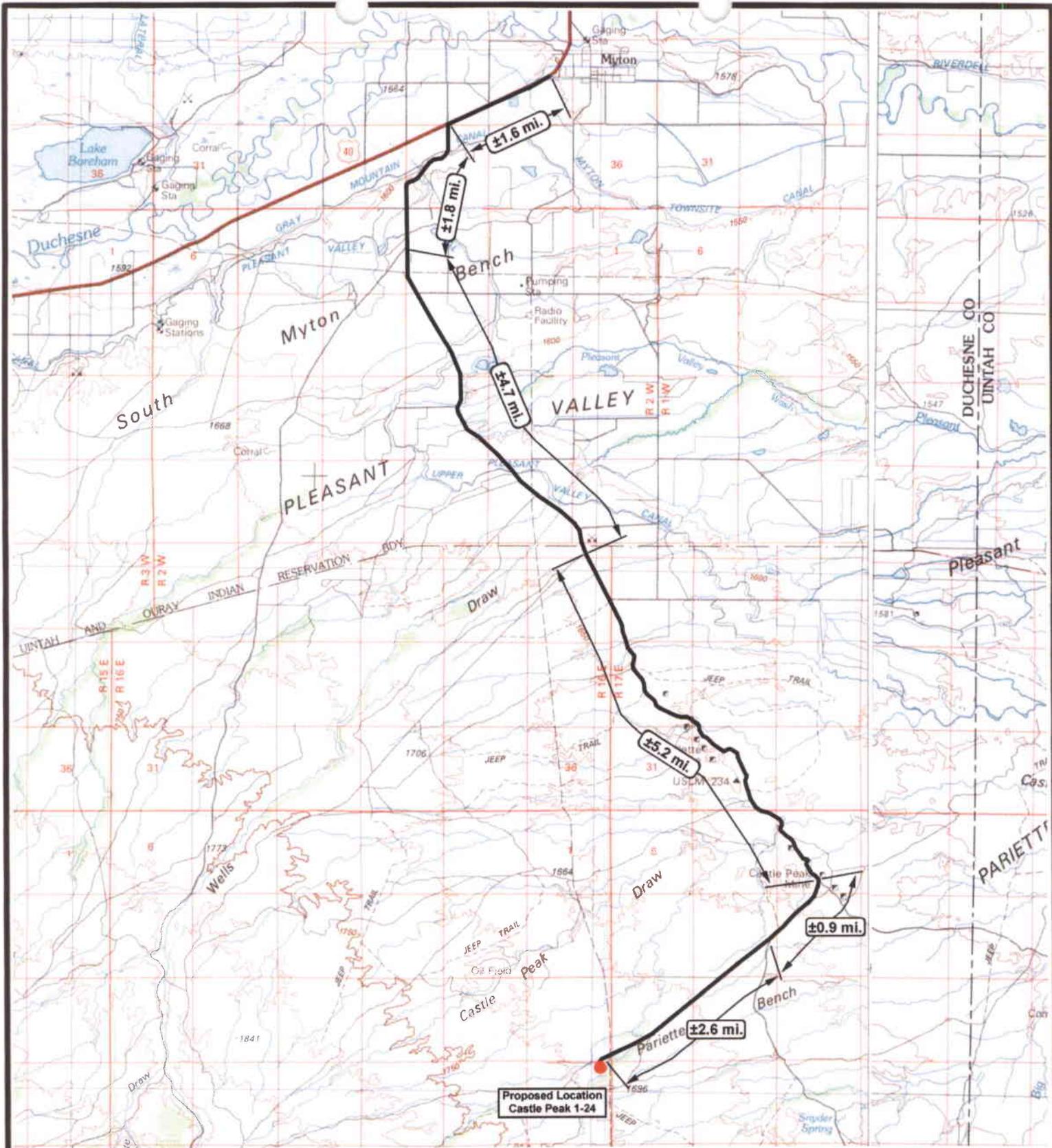
DATE: 2-15-06

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

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
CASTLE PEAK 1-24-9-16



SURVEYED BY: C.M.	SCALE: 1" = 50'	<p>Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>	(435) 781-2501
DRAWN BY: M.W.	DATE: 2-15-06		



NEWFIELD
Exploration Company

Castle Peak 1-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.



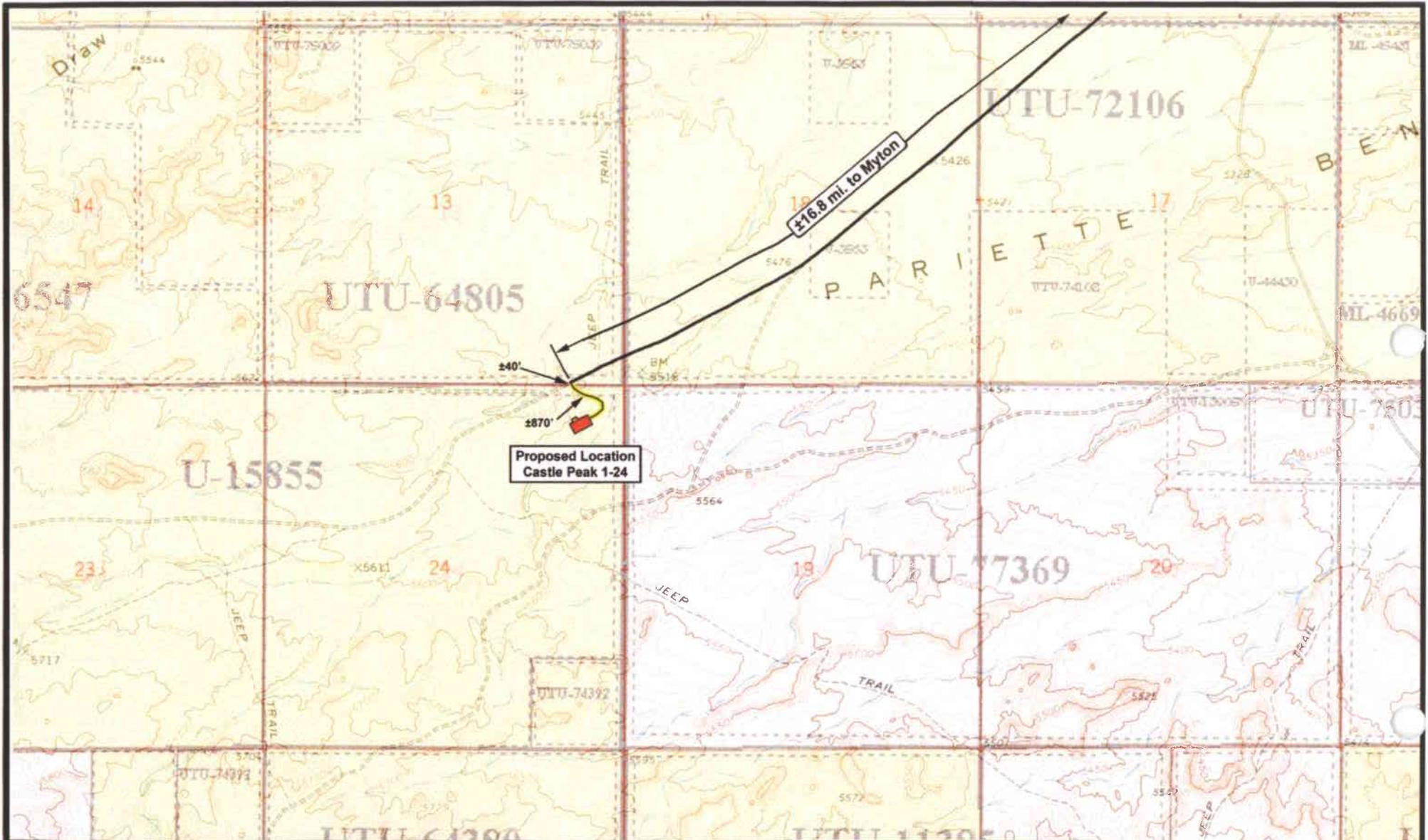
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 02-15-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



Proposed Location
Castle Peak 1-24

±16.8 mi. to Myton



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

Legend
 Existing Road
 Proposed Access

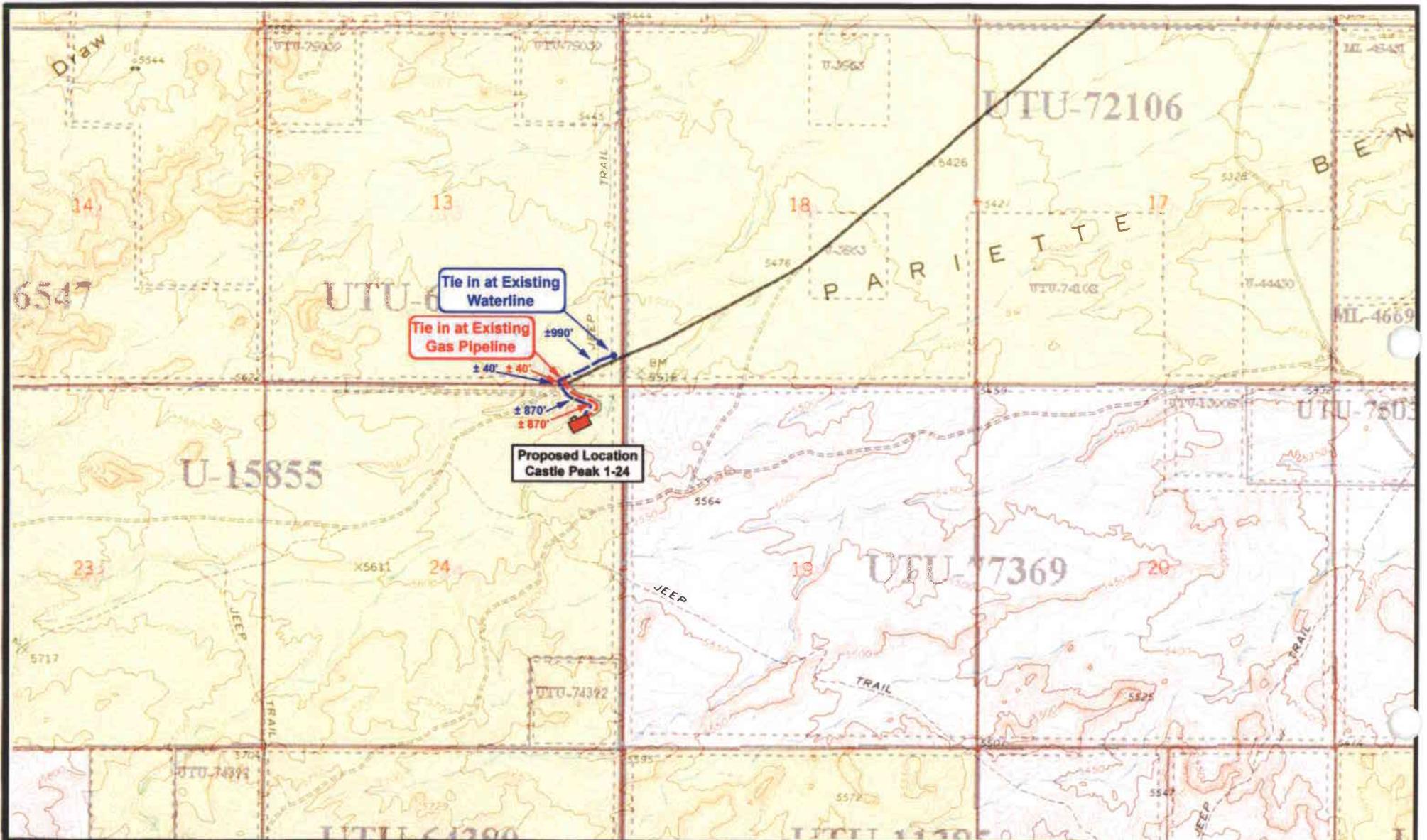
SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 02-15-2006

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

Castle Peak 1-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.




NEWFIELD
Exploration Company

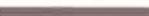
Castle Peak 1-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 02-15-2006

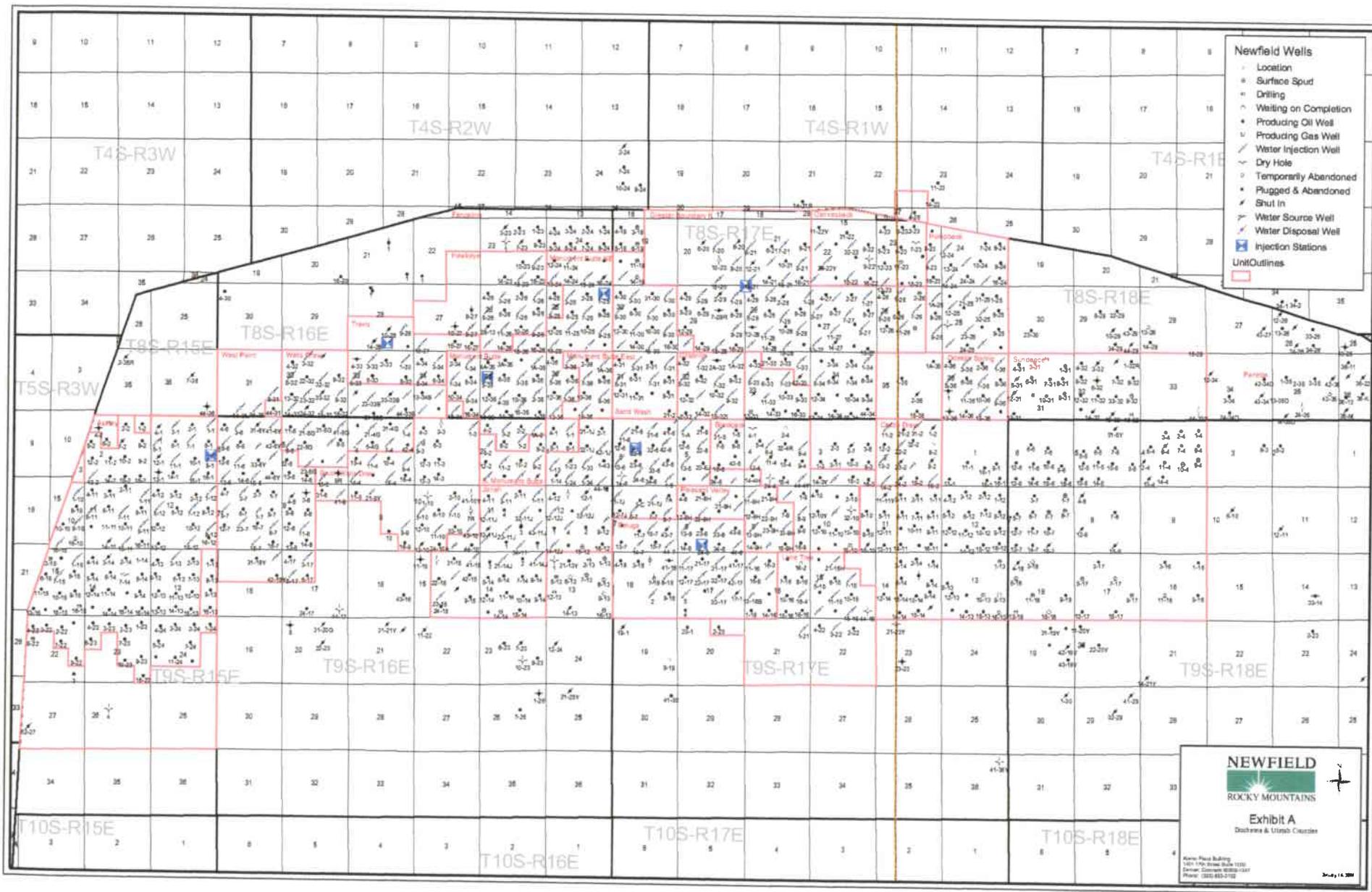
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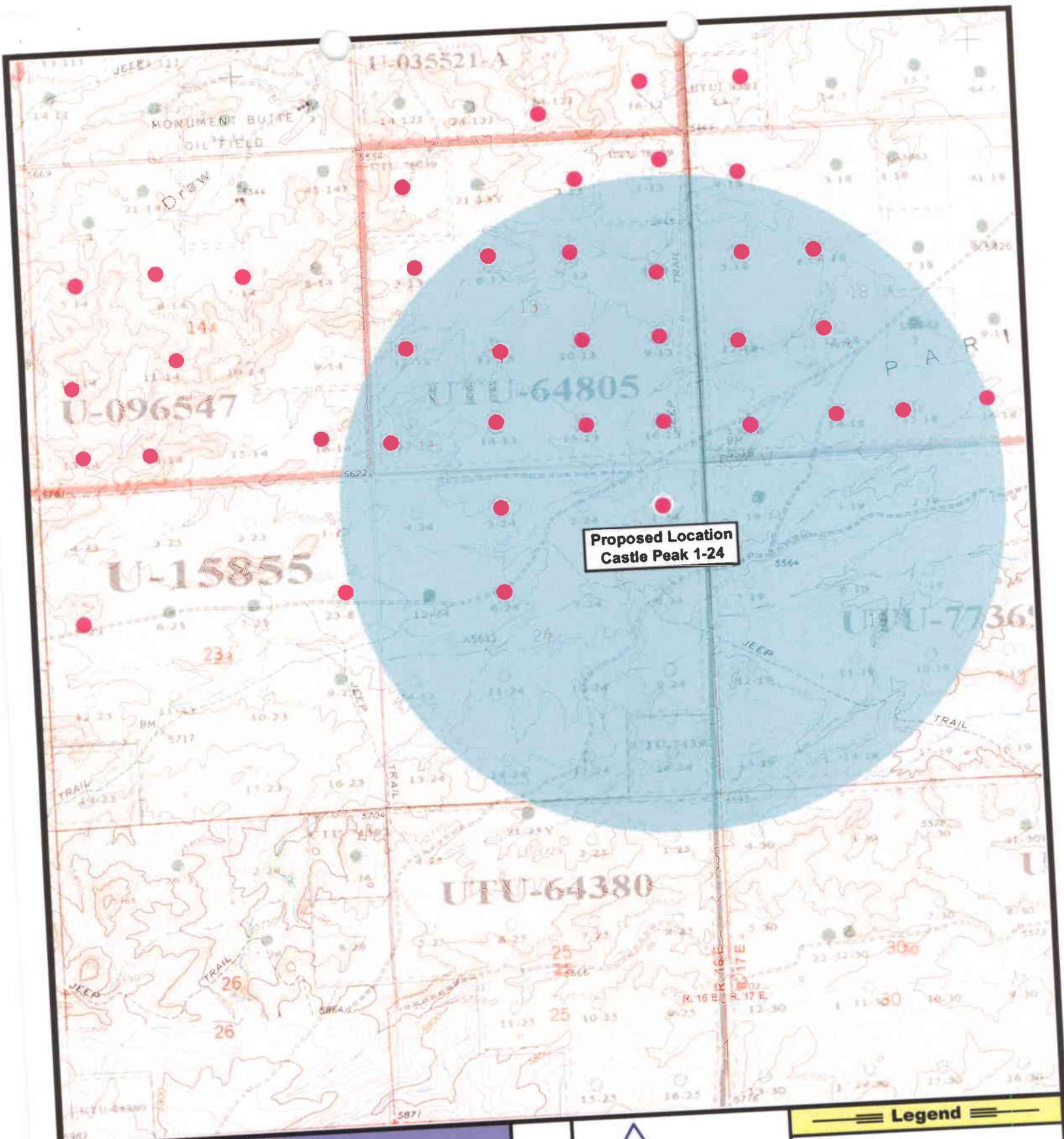
-  Roads
-  Proposed Gas Line
-  Proposed Water Line

TOPOGRAPHIC MAP

"C"







**Proposed Location
Castle Peak 1-24**



NEWFIELD
Exploration Company

**Castle Peak 1-24-9-16
SEC. 24, 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: 02-15-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

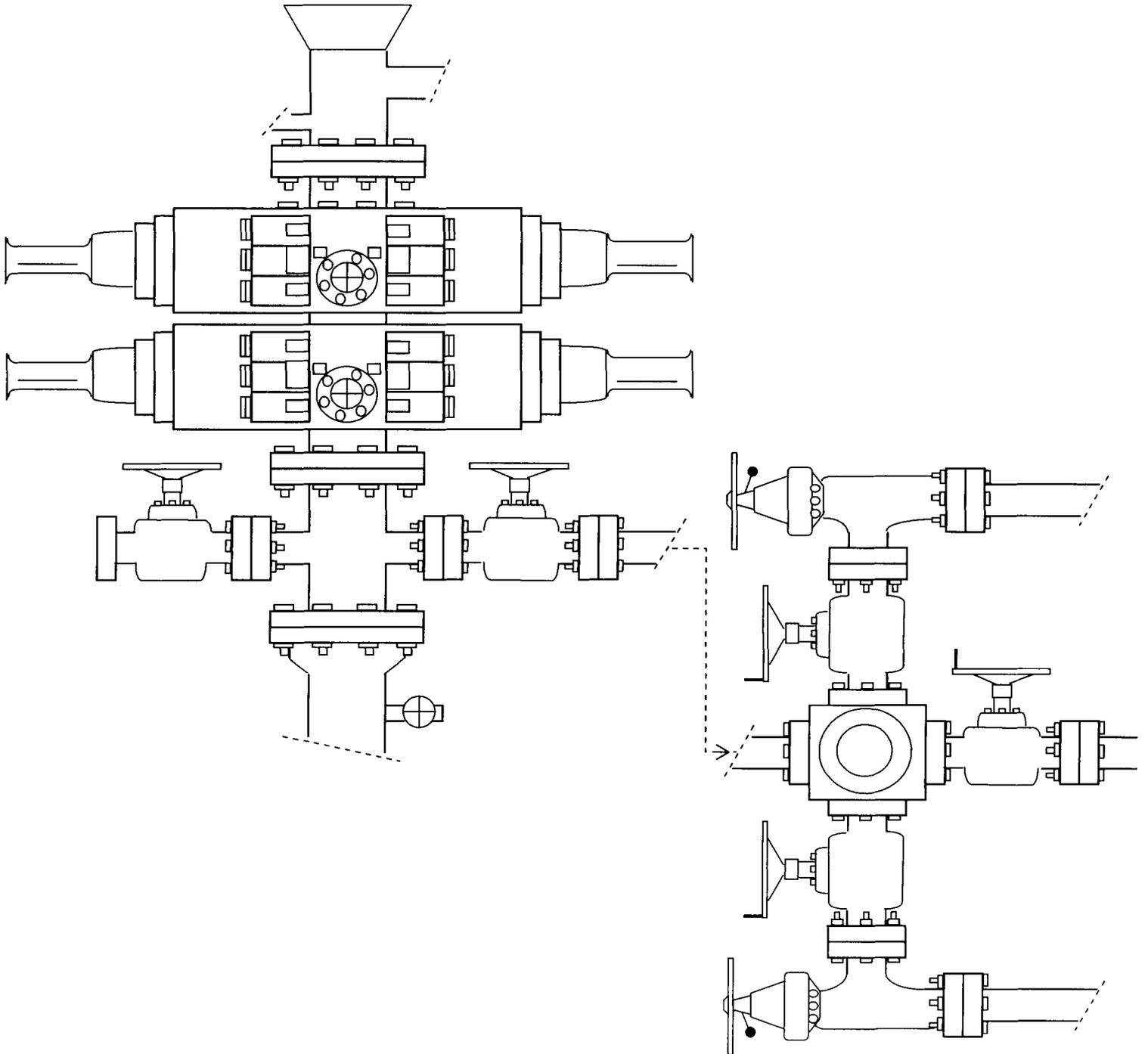


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 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: 03/06/2006

API NO. ASSIGNED: 43-013-33082

WELL NAME: FEDERAL 1-24-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NENE 24 090S 160E
 SURFACE: 0537 FNL 0671 FEL
 BOTTOM: 0537 FNL 0671 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.02213 LONGITUDE: -110.0600
 UTM SURF EASTINGS: 580215 NORTHINGS: 4430427
 FIELD NAME: 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

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

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

COMMENTS: See Separate file

STIPULATIONS: 1- Federal Approval
2- Spacing Strip



MONUMENT BUTTE FIELD

OPERATOR: NEWFIELD PROD CO (N2695)
 SEC: 24 T. 9S R. 16E
 FIELD: MONUMENT BUTTE (105)
 COUNTY: DUCHESNE
 SPACING: R649-3-2 / GENERAL SITING

Field Status	Unit Status
ABANDONED	EXPLORATORY
ACTIVE	GAS STORAGE
COMBINED	NF PP OIL
INACTIVE	NF SECONDARY
PROPOSED	PENDING
STORAGE	PI OIL
TERMINATED	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: 09-MARCH-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

March 9, 2006

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

Re: Federal 1-24-9-16 Well, 537' FNL, 671' FEL, NE NE, Sec. 24, 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 43-013-33082.

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 1-24-9-16
API Number: 43-013-33082
Lease: UTU-15855

Location: NE NE **Sec.** 24 **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.

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MAR 06 2006

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

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 1-24-9-16
9. API Well No. 43.013.33082
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area NE/NE Sec. 24, T9S R16E
12. County or Parish Duchesne
13. State UT
14. Distance in miles and direction from nearest town or post office* Approximatley 16.8 miles south of Myton, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 537' 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. 1397'
19. Proposed Depth 5798'
20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5535' GL
22. Approximate date work will start* 2nd Quarter 2006
23. Estimated duration Approximately seven (7) days from spud to rig relocation.

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 NE/NE 537' FNL 671' FEL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approximatley 16.8 miles south of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 537' 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. 1397'

19. Proposed Depth
5798'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5535' GL

22. Approximate date work will start*
2nd Quarter 2006

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

24. Attachments

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

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

25. Signature <i>Mandi Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 3/3/06
Title Regulatory Specialist		
Approved by (Signature) <i>Jersey Kowicka</i>	Name (Printed/Typed) Jersey Kowicka	Date 9-8-2006
Title Assistant Field Manager Lands & Mineral Resources	Office	

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

CONDITIONS OF APPROVAL ATTACHED

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

*(Instructions on reverse)

NOTICE OF APPROVAL
RECEIVED

SEP 15 2006

DIV. OF OIL, GAS & MINING

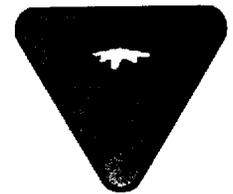


No NOS



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

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company **Location:** NENE, Sec 24, T9S, R16E
Well No: Federal 1-24-9-16 **Lease No:** UTU-15855
API No: 43-013-33082 **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:	Charles Sharp	Office: 435-781-4486	
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)***

1. 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.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
3. The proposed buried pipelines will be laid adjacent to the access roads, using the road as a working surface. The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Upon completion of backfilling the trenches, reclaim with a seed drill using the seed mix listed below. Seeding shall include the area where the trench material was set aside.
4. The proposed action is in Golden eagle nesting habitat. According to the lease, new surface disturbing activities may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **February 1st through July 15th**, No new drilling or surface disturbing activities (including road construction) will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from February 1st through July 15th a new survey for Golden eagle is needed with the exception request.
5. The proposed action is in Burrowing owl nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **May 1st through August 15th**, No new drilling or surface disturbing activities (including road construction) will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from May 1st through August 15th a new survey for Burrowing owl is needed with the exception request.
6. Submit a ROW for road and pipelines.
7. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.

8. 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.
9. The reserve pit will be lined with a 16 ml or greater liner.
10. 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.
11. The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
12. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
13. Drill cuttings and mud will remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit will not be “squeezed,” (filled with soil while still containing fluids) or “cut” (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
14. Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION

15. 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.
16. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
17. Notify the Authorized Officer 48 hours prior to surface disturbing activities.
18. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
19. The boulders >3' found at the surface or above ground will be saved for final reclamation.
20. Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.
21. Interim Reclamation (see below):
 - a. 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.

b. Interim Reclamation Seed Mix for location:

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

- c. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.
- d. There shall be no primary or secondary noxious weeds in the seed mixture.
- e. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
- f. 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.
- g. 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

1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

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

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

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

5. 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.

6. 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.
7. 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.

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

9. 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.

10. 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.
11. 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.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
13. 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.
14. 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

15. 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.
16. 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 1-24-9-16

9. API Well No.
43-013-33082

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)
537 FNL 671 FEL NE/NE Section 24, 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 <u>Permit Extension</u> <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 3/9/06 (expiration 3/9/07).

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

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 03-06-07
By: [Signature]

37-07
RM

RECEIVED
MAR 06 2007
DIV. OF OIL, GAS & MINING

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

Signed Mandie Crozier Title Regulatory Specialist Date 3/5/2007
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: 43-013-33082
Well Name: Federal 1-24-9-16
Location: NE/NE Section 24,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 3/9/2006

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

3/5/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

MAR 06 2007

DIV. OF OIL, GAS & MINING

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

2007 SEP 11 PM 1:24

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 1-24-9-16

9. API Well No.
43-013-33082

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)
537 FNL 671 FEL NE/NE Section 24, T9S R16E

12. CHECK APPROPRIATE BOX(es) 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 <u>Permit Extension</u>
	<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 Mark Baker Title Petroleum Engineer Date SEP 11 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 or fraudulent statements or representations as to any matter within its jurisdiction.

UDOGM

RECEIVED

OCT 09 2007

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL

Newfield Production Co.

Notice of Intent APD Extension

Lease: UTU-15855
Well: Fed 1-24-9-16
Location: NENE Sec24-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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 1-24-9-16

Api No: 43-013-33082 Lease Type: FEDERAL

Section 24 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 21

SPUDDED:

Date 10/09/07

Time 11:30 AM

How DRY

Drilling will Commence: _____

Reported by JOHNNY DAVIS

Telephone # (435) 823-6310

Date 10/10/07 Signed CHD

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

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

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 1 COMMENTS:											
A	99999	16408	4301333082	FEDERAL 1-24-9-16	NENE	24	9S	16E	DUCHESNE	10/10/2007	10/17/07
GRUV											
A	99999	16409	4301332999	FEDERAL 13-18-9-16	SWSW	18	9S	16E	DUCHESNE	10/4/2007	10/17/07
GRUV											
A	99999	16410	4301333180	FEDERAL 13-23-9-16	SWSW	23	9S	16E	DUCHESNE	10/5/2007	10/17/07
GRUV											
A	99999	16411	4301333085	FEDERAL 7-24-9-16	SWNE	24	9S	16E	DUCHESNE	10/8/2007	10/17/07
WELL 5 COMMENTS: GRUV											
A	99999	16412	4301333160	FEDERAL 11-19-9-16	NESE	19	9S	16E	DUCHESNE	10/9/2007	10/17/07
WELL 5 COMMENTS: GRUV											

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.

Jentri Park
 Signature _____ Jentri Park
 Production Clerk
 Date 10/11/07

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OCT 11 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-15855
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NENE Section 24 T9S R16E		8. Well Name and No. Federal 1-24-9-16
		9. API Well No. 4301333082
		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.)

On 10/12/07 MIRU NDSI Rig # 3. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5750'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 145 jt's of 5.5 J-55, 15.5# csgn. Set @ 5761.4/ KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 29 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 105,000 #'s tension. Release rig @ 4:30 PM on 10/16/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jim Smith	Title Drilling Foreman
Signature 	Date 10/16/2007

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

OCT 19 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

_____ **5 1/2"** CASING SET AT _____ **5761.4**

LAST CASING 8 5/8" Set @ 323.54
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 5750' Loggers 5751'
 HOLE SIZE 7 7/8"

Flt cllr @ 5723.7
 OPERATOR Newfield F
 WELL Federal 1-24-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI #3

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 4018' / 6.32'					
147	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5710.35
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	37.8
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5763.4
TOTAL LENGTH OF STRING		5763.4	148	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		77.65	2	CASING SET DEPTH			5761.4
TOTAL		5825.80	147				
TOTAL CSG. DEL. (W/O THRDS)		5825.8	147	} COMPARE			
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		10/16/2007	4:30 AM	GOOD CIRC THRU JOB			YES
CSG. IN HOLE		10/16/2007	7:30 AM	Bbls CMT CIRC TO SURFACE			46
BEGIN CIRC		10/16/2007	8:00 AM	RECIPROCATED PIPE FOR			THRUSTROKE NA
BEGIN PUMP CMT		10/16/2007	10:16 AM	DID BACK PRES. VALVE HOLD ?			YES
BEGIN DSPL. CMT		10/16/2007	11:04 AM	BUMPED PLUG TO			1400 PSI
PLUG DOWN		10/16/2007	11:28 AM				

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	300	Premiite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake mixed @ 11.0 ppg W / 3.43 cf/sk yield	
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.			

COMPANY REPRESENTATIVE Jim Smith DATE 10/16/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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



1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 NENE Section 24 T9S R16E

5. Lease Serial No.
 USA UTU-15855

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 Federal 1-24-9-16

9. API Well No.
 4301333082

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.)

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed)
 Mandie Crozier
 Signature *Mandie Crozier*

Title
 Regulatory Specialist

Date
 11/06/2007

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

Title _____ Date _____
 Office _____

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

RECEIVED
 NOV 08 2007
 DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-15855

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
Federal 1-24-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333082

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 24, T9S, R16E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/06/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 11/5/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Tammi Lee TITLE Production Clerk
SIGNATURE Tammi Lee DATE 11/30/2007

(This space for State use only)

RECEIVED
DEC 03 2007
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 1-24-9-16

9/1/2007 To 1/30/2008

10/27/2007 Day: 1

Completion

Rigless on 10/26/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5679' & cement top @ 49'. Perforate stage #1 as follows: CP2 sds @ 5357-63' & CP1 sds @ 5303-08' w/ 3 1/8" slick gun (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 44 shots. RD WLT. SIFN W/ est 136 BWTR.

11/1/2007 Day: 2

Completion

Rigless on 10/31/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP sds, stage #1 down casing w/ 14,554#'s of 20/40 sand in 285 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2885 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2420 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2020. 421 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Watherford 5-1/2" (6K) composite flow through frac plug & 18' perf gun. Set plug @ 5020'. Perforate A3 sds @ 4902-20' w/ 3-1/8" Slick Guns (23 gram, .43" HE, 90°) w/ 4 spf for total of 72 shots. RU BJ & frac stage #2 w/ 89,906#'s of 20/40 sand in 691 bbls of Lightning 17 frac fluid. Open well w/ 1695 psi on casing. Perfs broke down @ 2665 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2188 @ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2375. 1112 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 5', 5' perf gun. Set plug @ 4800'. Perforate B2 sds @ 4732-37', B1 sds @ 4679-84' w/ 4 spf for total of 40 shots. RU BJ & frac stage #3 w/ 14,920#'s of 20/40 sand in 268 bbls of Lightning 17 frac fluid. Open well w/ 2075 psi on casing. Perfs broke down @ 4050 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2070 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1785. 1380 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 6' perf gun. Set plug @ 4490'. Perforate DS3 sds @ 4732-37' w/ 4 spf for total of 24 shots. RU BJ & frac stage #4 w/ 25,051#'s of 20/40 sand in 339 bbls of Lightning 17 frac fluid. Open well w/ 1567 psi on casing. Perfs broke down @ 3005 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2130 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1920. 1719 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 4200'. Perforate PB8 sds @ 4091-4101' w/ 4 spf for total of 40 shots. RU BJ & frac stage #5 w/ 62,099#'s of 20/40 sand in 499 bbls of Lightning 17 frac fluid. Open well w/ 1550 psi on casing. Perfs broke down @ 1660 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2028 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 2110. 2218 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 7 hours & died w/ 500 bbls rec'd. SIFN.

11/2/2007 Day: 3

Completion

Western #2 on 11/1/2007 - MIRUSU. Open well w/ 275 psi on casing. RD Cameron BOP's & 5K frc head. Instal 3K production tbg head & Schaefer BOP's. RU bit (used Chomp) & bit sub. Tally & pickup new J-55 tbg, 6.5#, 2-7/8" to leave EOT @ 3152' w/ 100 jts tbg. SIFN.

11/3/2007 Day: 4**Completion**

Western #2 on 11/2/2007 - Open wll w/ 100 psi on casing. Continue TIH w/ tbg to tag plug @ 4200'. RU pump & swivel. Drlg up plug #1. TIH w/ tbg to plug @ 4490'. Drlg out plug #2. TIH w/ tbg to plug @ 4800'. Drlg out plug #3. TIH w/ tbg to plug @ 5020'. Drlg out plug #4. TIH w/ tbg to tag sand @ 5560'. C/O to PBTD @ 5722'. LD 3 jts tbg. EOT @ 5642'. RU swab. Made 10 runs to rec'd 93 bbls fluid. IFL was surface. FFL was 1700'. Last run showed trace of oil w/ trace of sand. SIFN.

11/6/2007 Day: 5**Completion**

Western #2 on 11/5/2007 - Bleed gas off well. Resume swabbing well for sand cleanup. IFL @ sfc. Made 6 runs rec 50 BTF W/ light gas, tr oil & no sd. FFL @ 2100'. TIH W/ tbg. Tag sd @ 5718' (4' new fill). C/O sd to PBTD @ 5722'. Circ hole clean. Lost est 45 BW & rec tr oil. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 169 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5332' W/ SN @ 5366' & EOT @ 5431'. Land tbg W/ 15,000# tension. NU wellhead. RU flush tbg W/ 60 BW (returned same amt). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 14.5' RHAC pump, 6-1 1/2" weight rods, 20-3/4" scraped rods, 88-3/4" scraped rods, 99-3/4" scraped rods, 1-8', 1-6' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. Est 1620 BWTR. Will install final pumping unit accessories and RDSU this AM. Place well on production @ 8:00 AM 11/6/2007 W/ 86" SL @ 5 SPM. FINAL REPORT!!

Pertinent Files: Go to File List**RECEIVED****DEC 03 2007****DIV. OF OIL, GAS & MINING**

(See other instructions on reverse side)

OMB NO. 1004-0137
Expires: February 28, 1995

**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

Castle Peak

8. FARM OR LEASE NAME, WELL NO.

Federal 1-24-9-16

9. WELL NO.

43-013-33082

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

Sec. 24, T9S, R16E

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL

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

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

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

At Surface 537' FNL & 671' FEL (NE/NE) Sec. 24, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-33082 DATE ISSUED 3/09/07

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

10/10/07

16. DATE T.D. REACHED

10/15/07

17. DATE COMPL. (Ready to prod.)

11/6/07

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

5535' GL

19. ELEV. CASINGHEAD

5547' KB

20. TOTAL DEPTH, MD & TVD

5750'

21. PLUG BACK T.D., MD & TVD

5722'

22. IF MULTIPLE COMPL., HOW MANY*

----->

23. INTERVALS DRILLED BY

X

ROTARY TOOLS

CABLE TOOLS

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

Green River 4091'-5363'

25. WAS DIRECTIONAL SURVEY MADE

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	15.5#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5761'	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 @ 5431'	TA @ 5332'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP2) 5357'-5363', (CP1) 5303-5308'	.49"	4/44	5303'-5363'	Frac w/ 14,554# 20/40 sand in 285 bbls fluid
(A3) 4902'-4920'	.43"	4/72	4902'-4920'	Frac w/ 89,906# 20/40 sand in 691 bbls fluid
(B2) 4732'-4737', (B1) 4679'-4684'	.43"	4/40	4732'-4684'	Frac w/ 14,920# 20/40 sand in 268 bbls fluid
(DS3) 4732'-4737'	.43"	4/24	4732'-4737'	Frac w/ 25,051# 20/40 sand in 339 bbls fluid
(PB8) 4091'-4101'	.43"	4/40	4091'-4101'	Frac w/ 62,099 # 20/40 sand in 499 bbls fluid

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

33.* PRODUCTION

DATE FIRST PRODUCTION 11/6/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) CDI 2-1/2" x 1-1/2" x 14.5' RHAC SM Plunger Pump			WELL STATUS (Producing or shut-in) PRODUCING		
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD -->	OIL--BBL. 73	GAS--MCF. 16	WATER--BBL. 28
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

DIV. OF OIL, GAS & MINING

SIGNED

Tammi Lee

TITLE

Production Clerk

DATE

11/29/2007

Tammi Lee

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

**RECEIVED
DEC 17 2007**

NEWFIELD



Well Name: Federal 1-24-9-16
 LOCATION: S24, T9S, R16E
 COUNTY/STATE: Duchesne
 API: 43-013-33082

Spud Date: 10-10-07
 TD: 5750'
 CSG: 10-16-07
 POP: 11-5-07

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
11/5/2007				1620				POP @ 8:00 A.M. w/ 86" SL @ 5 SPM. 1620 Total water to recover
11/6/2007				1620				
11/7/2007	24	0	10	1610	0	0	5 1/2	
11/8/2007	24	36	110	1500	0	0	5 1/2	
11/9/2007	24	13	81	1419	18	40	5 1/2	
11/10/2007	24	53	44	1375	21	50	6	
11/11/2007	24	65	30	1345	20	50	5 3/4	
11/12/2007	24	73	28	1317	16	52	5 3/4	
11/13/2007	24	53	41	1276	21	52	5 1/2	
11/14/2007	24	59	25	1251	25	60	5 1/2	
11/15/2007	24	85	28	1223	19	60	5 1/2	
11/16/2007	24	70	15	1208	12	57	5 1/2	
11/17/2007	24	71	18	1190	18	60	5 1/2	
11/18/2007	24	75	18	1172	20	55	5 1/2	
11/19/2007	24	58	12	1160	22	53	5 1/2	
11/20/2007	24	68	20	1140	27	52	5 1/2	
11/21/2007	24	73	17	1123	25	55	5 1/2	
11/22/2007	24	62	18	1105	20	55	5	
11/23/2007	24	68	17	1088	20	55	6	
11/24/2007	24	77	10	1078	12	50	5 3/4	
11/25/2007	24	70	20	1058	10	50	5 3/4	
11/26/2007	24	78	16	1042	30	50	5 1/2	
11/27/2007	24	75	20	1022	32	52	5 3/4	
11/28/2007	24	83	20	1002	37	60	5 1/2	
11/29/2007	24	65	18	984	30	50	5 1/2	
11/30/2007	24	71	15	969	30	50	5 1/2	
12/1/2007	24	85	13	956	29	50	5 1/2	
12/2/2007	24	68	13	943	32	55	5 1/2	
12/3/2007	24	71	2	941	28	55	5 1/2	
12/4/2007	24	68	38	903	40	55	5 1/2	
12/5/2007				903				
12/6/2007				903				
		1793	717		614			

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 1-24-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330820000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0537 FNL 0671 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 24 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: 11/29/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="New Perforations"/>

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

The subject well has been converted from a producing oil well to an injection well on 11/27/2012. New interval perforated, GB6 sands - 3934-3954' 3 JSPF. On 11/28/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/29/2012 the casing was pressured up to 1425 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 120 psig during the test. There was not an State representative available to witness the test.

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

Date: December 17, 2012

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/6/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 11, 29, 2012 Time 10:00 am pm
Test Conducted by: Cody Marx
Others Present: _____

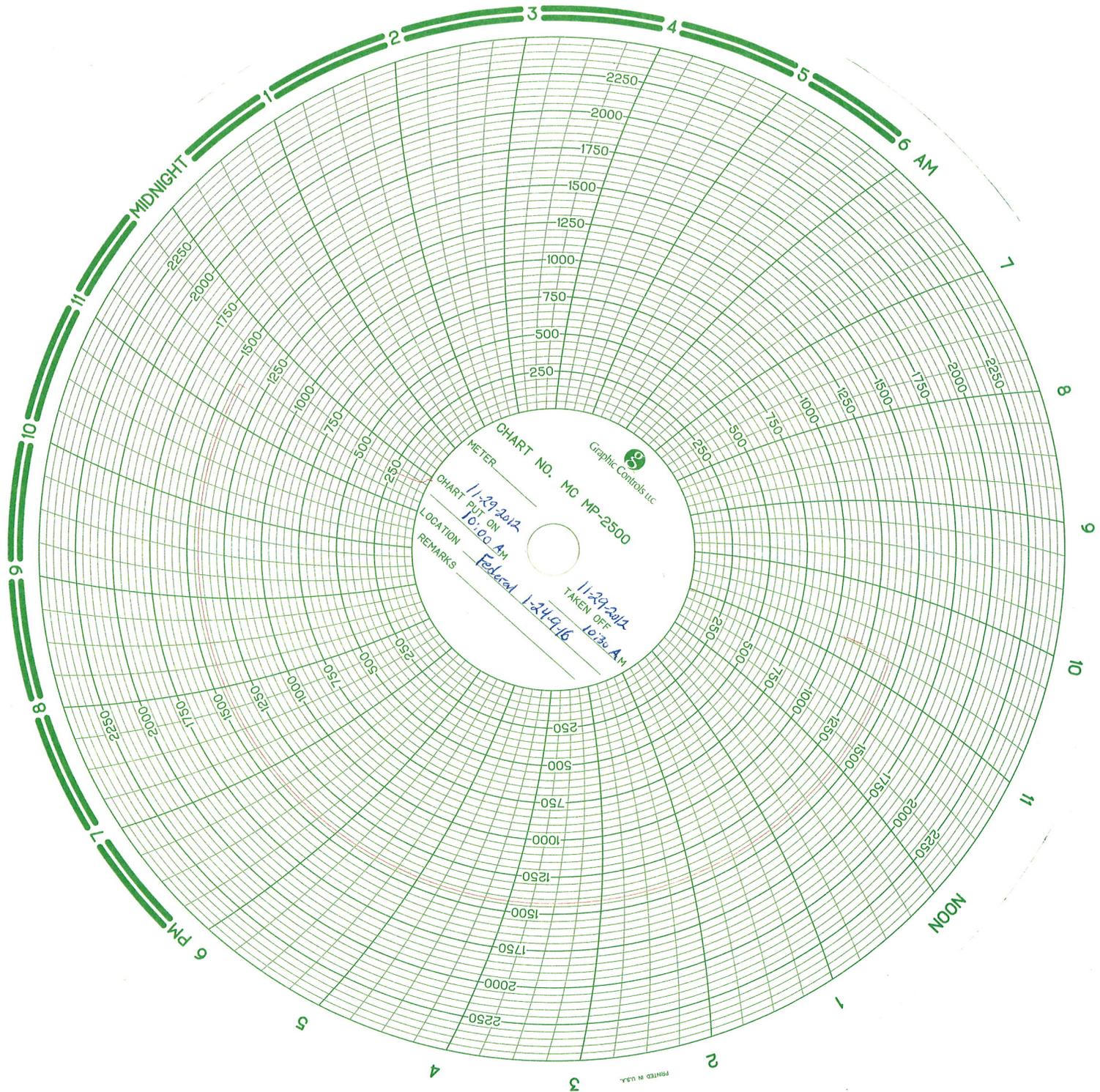
Well: <u>Federal 1-24-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NE/NE Sec. 24, T9S, R16E</u> <u>Duchesne County, Utah</u>	API No: <u>43-013-33082</u>

<u>Time</u>	<u>Casing Pressure</u>
0 min	<u>1425</u> psig
5	<u>1425</u> psig
10	<u>1425</u> psig
15	<u>1425</u> psig
20	<u>1425</u> psig
25	<u>1425</u> psig
30 min	<u>1425</u> psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing pressure: 120 psig

Result: **Pass** **Fail**

Signature of Witness: _____
Signature of Person Conducting Test: Cody Marx



PRINTED IN U.S.A.

Daily Activity Report

Format For Sundry

FEDERAL 1-24-9-16

9/1/2012 To 1/30/2013

11/21/2012 Day: 1

Conversion

WWS #9 on 11/21/2012 - MIRU pump 60 bbl down casing fish out tools - MIRU pump 60 bble down csg@250 ric on rods not all there stack rod sting out fill tbg w. 2 bbl test to 4000psi good POOH w. rods. Rod #182 Had rated coupling TIH w, mouse trap fishing tool unable to latch on Pooh LD mouse TRAP TIH w. Different oveshot 91 rods stacking out on oil hot oiler will have 60 bbl down back side by 700am PA pol rod. - MIRU pump 60 bble down csg@250 ric on rods not all there stack rod sting out fill tbg w. 2 bbl test to 4000psi good POOH w. rods. Rod #182 Had rated coupling TIH w, mouse trap fishing tool unable to latch on Pooh LD mouse TRAP TIH w. Different oveshot 91 rods stacking out on oil hot oiler will have 60 bbl down back side by 700am PA pol rod. - pump 60 bbl down csg @250 TIH w,15 rods stacking out on oil rig up hot oiler pump 60 bbl down csg 250 cont tih latch onto fish pull up unset pump flush down csg 250 con LD to fish 88 3/4 pkin 20-3/4 4 pers 6-1-1/2 wt balls pump wd wh pu on tbg release tac wu bops rd floor tbg work swifn. - pump 60 bbl down csg @250 TIH w,15 rods stacking out on oil rig up hot oiler pump 60 bbl down csg 250 cont tih latch onto fish pull up unset pump flush down csg 250 con LD to fish 88 3/4 pkin 20-3/4 4 pers 6-1-1/2 wt balls pump wd wh pu on tbg release tac wu bops rd floor tbg work swifn.

Daily Cost: \$0

Cumulative Cost: \$15,334

11/26/2012 Day: 3

Conversion

WWS #9 on 11/26/2012 - TOOH w/ tbg. Perferate. TIH w/ frac string. - Held safety meeting & discussed JSA's & location hazards. TIH w/ tbg to set RBP @ 3990'. Set pkr @ 3910'. RU Baker Hughes. Fill annulas w/ 46 bbls & held 50 psi during frac. - Test lines to 7000 psi. Open well w/ 0 psi on casing. Perfs broke @ 3196 psi back to 2490 psi w/ 1.5 bbls @ 4 bpm. Pump 500 gal of 15% HCL acid @ 1319 psi @ 8 bpm. Lost 300 psi when acid hit perfs. Frac @ ave pressure of 2936 psi @ 20 bpm. Frac w/ 39,227#'s of 20/40 sds in 441 bbls of Lightning 17 frac fluid. ISIP was 1692 psi w/ .86FG. Max pressure was 3156 @ 20 bpm. RD Baker Hughes. - Held Safety meeting & discussed JSA's & location Hazards. Open well w/ 0 psi on casing. Hot oiler pumped 40 bbls down tbg. - Held Safety meeting & discussed JSA's & location Hazards. Open well w/ 0 psi on casing. Hot oiler pumped 40 bbls down tbg. - TOOH w/ tbg breaking, doping & inspecting ever pin. LD extra tbg on trailer (49 jts). Flushed w/ 30 bbls half way out. - LD N-80 work string on trailer. SIFN. - LD N-80 work string on trailer. SIFN. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 35' of sand. Release RBP @ 3990'. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 35' of sand. Release RBP @ 3990'. - Open well w/ 350 psi on casing. Flow well back on 30/64 choke then no choke for a total of 10 bbls rec'd w/ no sand. - Open well w/ 350 psi on casing. Flow well back on 30/64 choke then no choke for a total of 10 bbls rec'd w/ no sand. - Rig pump broke down. Wait on Hot Oiler. - Rig pump broke down. Wait on Hot Oiler. - Held safety meeting & discussed JSA's & location hazards. TIH w/ tbg to set RBP @ 3990'. Set pkr @ 3910'. RU Baker Hughes. Fill annulas w/ 46 bbls & held 50 psi during frac. - Test lines to 7000 psi. Open well w/ 0 psi on casing. Perfs broke @ 3196 psi back to 2490 psi w/ 1.5 bbls @ 4 bpm. Pump 500 gal of 15% HCL acid @ 1319 psi @ 8 bpm. Lost 300 psi when acid hit perfs. Frac @ ave pressure of 2936 psi @ 20 bpm. Frac w/ 39,227#'s of 20/40 sds in 441 bbls of Lightning 17 frac fluid. ISIP was 1692 psi w/ .86FG. Max pressure was 3156 @ 20 bpm. RD Baker Hughes. - Run Weatherford RBP "TS" 5-1/2", On/Off tool, 2-3/8" x 6' pup jt, pkr "HD" 5-1/2", 1- jts N-80 tbg, SN. Tally, drift & PU 120 jts N-80 tbg off trailer. Leave EOT @ 3828'. SIFN. - Run Weatherford RBP "TS" 5-1/2", On/Off tool, 2-3/8" x 6' pup jt, pkr "HD" 5-1/2", 1- jts N-80

tbg, SN. Tally, drift & PU 120 jts N-80 tbg off trailer. Leave EOT @ 3828'. SIFN. - RU Extreme WLT & lubricator. RIH w/ gauge ring to 2000' & hit oil. RIH & perforate GB6 sds @ 3934-44' & 3950-54' w/ 3 spf for total of 42 shots. RD WLT. - RU Extreme WLT & lubricator. RIH w/ gauge ring to 2000' & hit oil. RIH & perforate GB6 sds @ 3934-44' & 3950-54' w/ 3 spf for total of 42 shots. RD WLT. - TOOH w/ tbg breaking, doping & inspecting ever pin. LD extra tbg on trailer (49 jts). Flushed w/ 30 bbls half way out.

Daily Cost: \$0

Cumulative Cost: \$32,745

11/27/2012 Day: 5

Conversion

WWS #9 on 11/27/2012 - Continue LD tbg. RIH w/ pkr. Test tbg. Test casing. - RD BOP's. Pump 60 bbls pkr fluid. Set pkr @ 3892' w/ 15,000# tension w/ EOT @ 3901'. Test csg & tools to 1500 psi for 30 min. RDMOSU. Well ready for MIT. - RU Wire line entry guide, XN nipple (1.87"), 2-3/8" x 4' pup jt, X/O sub, AS 1 pkr, On-Off tool w/ X nipple (1.87"), SN, 123 jts 2-7/8" tbg. Pump 10 bbls water. Drop 2-7/8" Stand-valve. Pump 15 bbls to test tbg to 3000 psi for 30 min. RU sand line & fish sdv. - - Held safety meeting & discussed JSA's & location hazards. Continue to LD work string on trailer. Hot oiler pumped 10 bbls hot water down csg to keep tbg clean. LD tools.

Daily Cost: \$0

Cumulative Cost: \$128,466

12/3/2012 Day: 6

Conversion

Rigless on 12/3/2012 - Conduct initial MIT - On 11/28/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/29/2012 the casing was pressured up to 1425 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 120 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$201,800

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
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 1-24-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013330820000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0537 FNL 0671 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 24 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: 1/18/2013	<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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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 1:30 PM on
01/18/2013.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 24, 2013**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/21/2013	



March 3, 2006

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

RE: Applications for Permit to Drill: Federal 1-24-9-16, 2-24-9-16, 3-24-9-16, 7-24-9-16, and 8-24-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,


Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
MAR 06 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No. UTU-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 1-24-9-16	
9. API Well No. 43-013-33082	
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory / Monument Butte 103
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	11. Sec., T., R., M., or Blk. and Survey or Area NE/NE Sec. 24, T9S R16E
2. Name of Operator Newfield Production Company	12. County or Parish Duchesne
3a. Address Route #3 Box 3630, Myton UT 84052	13. State UT
3b. Phone No. (include area code) (435) 646-3721	14. Distance in miles and direction from nearest town or post office* Approximatley 16.8 miles south of Myton, Utah
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE/NE 537' FNL 671' FEL 580215X 40.022,133 At proposed prod. zone 4430427Y -110.06000Y	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 537' f/lse, NA' f/unit 1200.00
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. 1397'	19. Proposed Depth 5798'
20. BLM/BIA Bond No. on file UTB000192	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5535' GL
22. Approximate date work will start* 2nd Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/3/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 03-09-06
Title ENVIRONMENTAL MANAGER		

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

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

*(Instructions on reverse)

RECEIVED
MAR 06 2006

**Federal Approval of this
Action is Necessary**

DIV. OF OIL, GAS & MINING

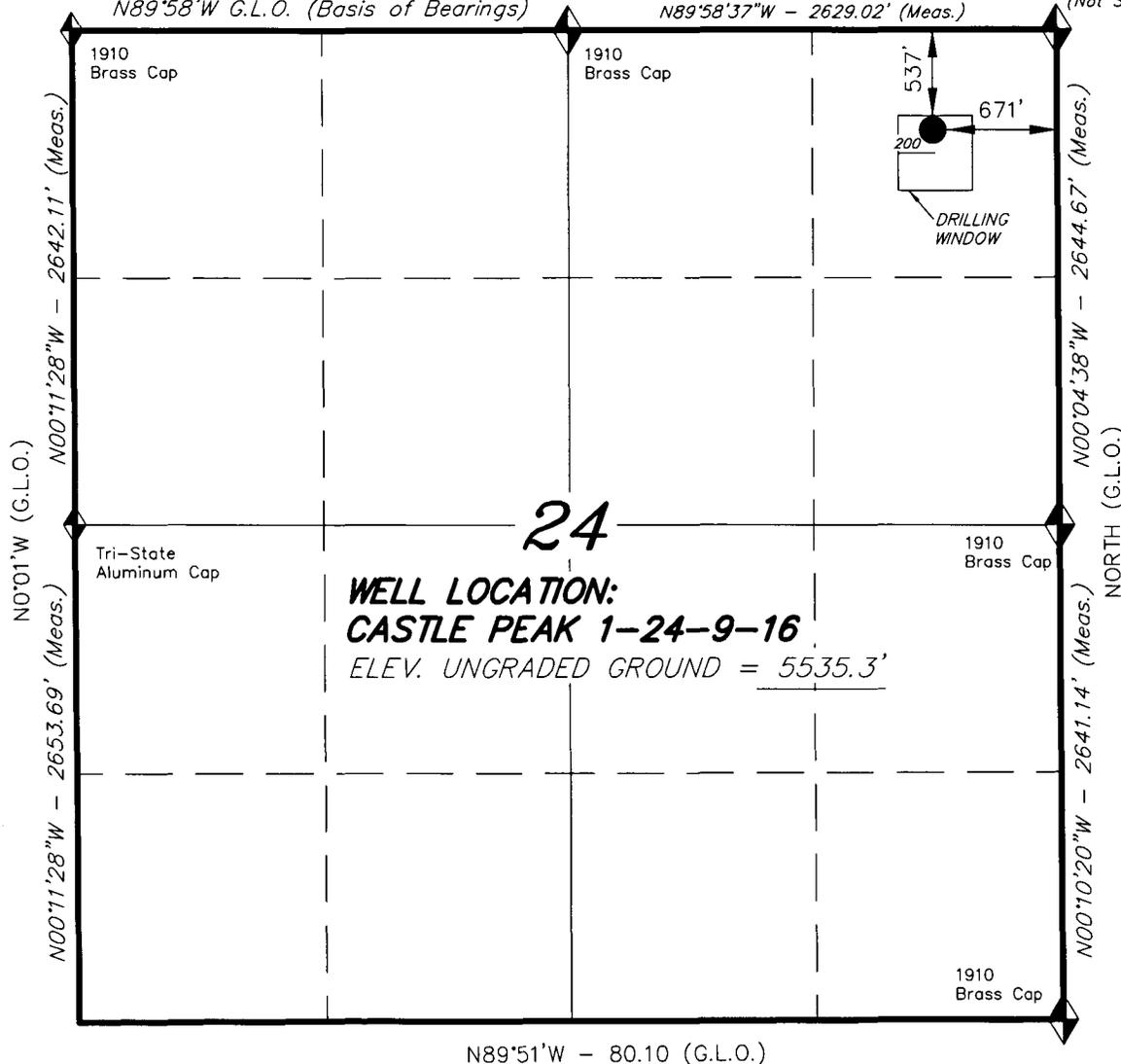
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

2663.56' (Measured) N89°58'W - 80.06 (G.L.O.)
 N89°58'W G.L.O. (Basis of Bearings) N89°58'37"W - 2629.02' (Meas.)

Porportioned
(Not Set)

WELL LOCATION, CASTLE PEAK
 1-24-9-16, LOCATED AS SHOWN IN THE
 NE 1/4 NE 1/4 OF SECTION 24, 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)

CASTLE PEAK 1-24-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 19.71"
 LONGITUDE = 110° 03' 38.63"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 2-14-06	SURVEYED BY: C.M.
DATE DRAWN: 2-15-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #1-24-9-16
NE/NE SECTION 24, 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' – 2159'
Green River	2159'
Wasatch	5798'

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

Green River Formation 2159' – 5798' - 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 #1-24-9-16
NE/NE SECTION 24, 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 #1-24-9-16 located in the NE 1/4 NE 1/4 Section 24, 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 along Hwy 53 - 11.7 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 3.5 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 910' \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 #1-24-9-16 Newfield Production Company requests a 40' ROW be granted in Lease UTU-64805 and 870' 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 a 40' ROW in Lease UTU-64805 and 870' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed gas lines. It is proposed that the ROW and 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 a 1,030' ROW in Lease UTU-64805 and 870' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed water lines. It is proposed that the ROW and 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: Am. Forces to advise.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #1-24-9-16 was on-sited on 11/30/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (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 #1-24-9-16 NE/NE Section 24, 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.

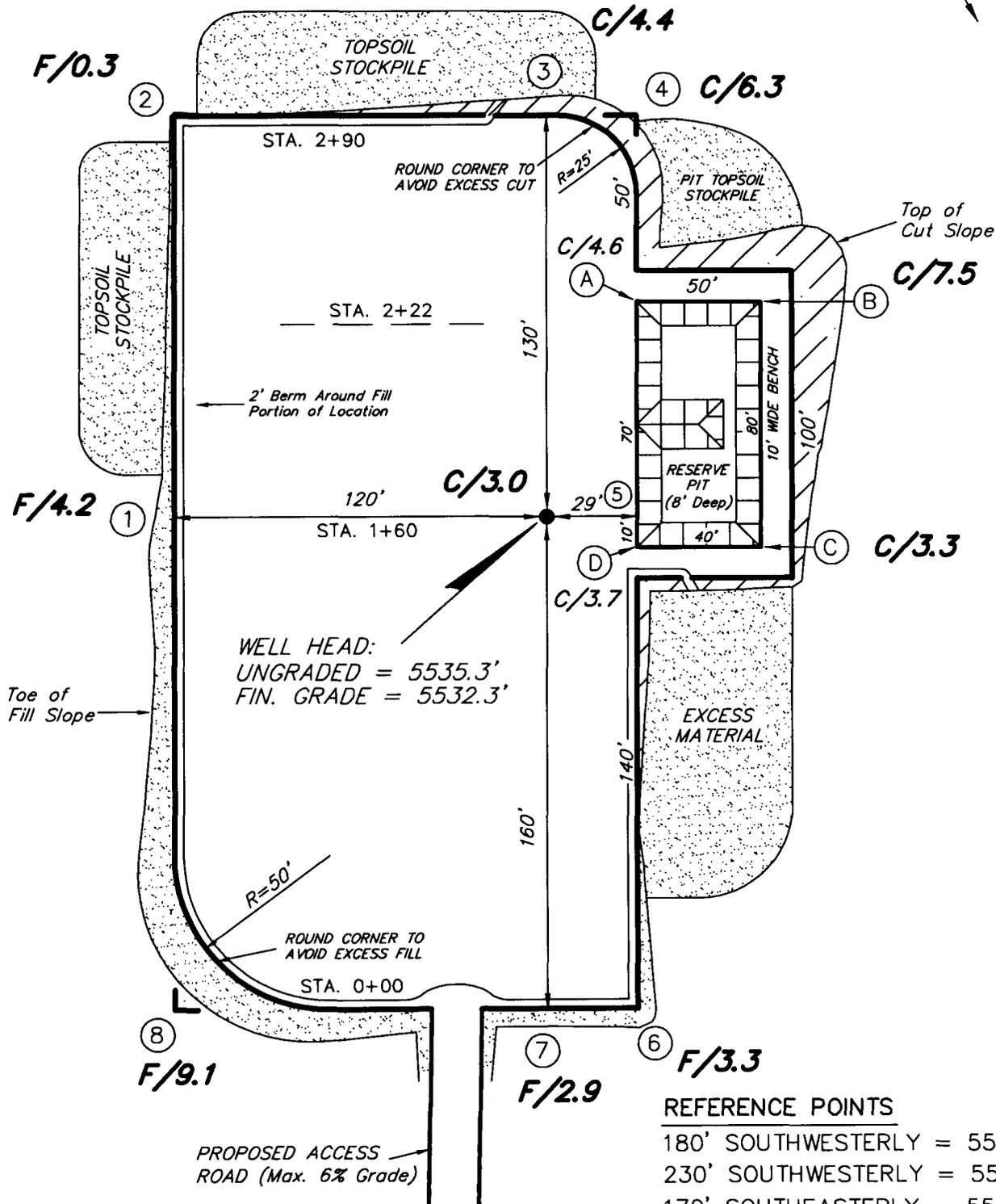
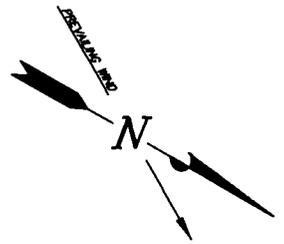
_____ 3/3/06
 Date


 Mandie Crozier
 Regulatory Specialist
 Newfield Production Company

NEWFIELD PRODUCTION COMPANY

CASTLE PEAK 1-24-9-16

Section 24, T9S, R16E, S.L.B.&M.



WELL HEAD:
UNGRADED = 5535.3'
FIN. GRADE = 5532.3'

REFERENCE POINTS

180' SOUTHWESTERLY	= 5538.9'
230' SOUTHWESTERLY	= 5541.2'
170' SOUTHEASTERLY	= 5527.0'
220' SOUTHEASTERLY	= 5527.5'

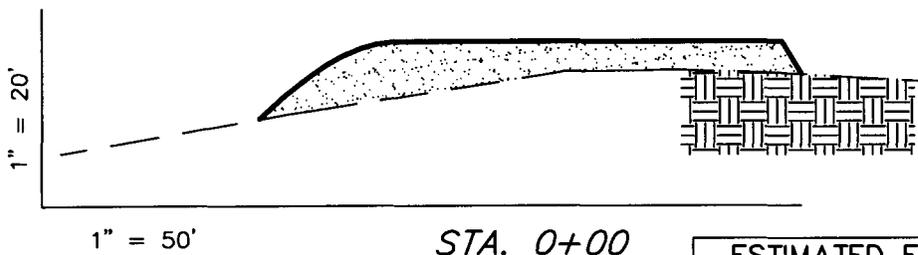
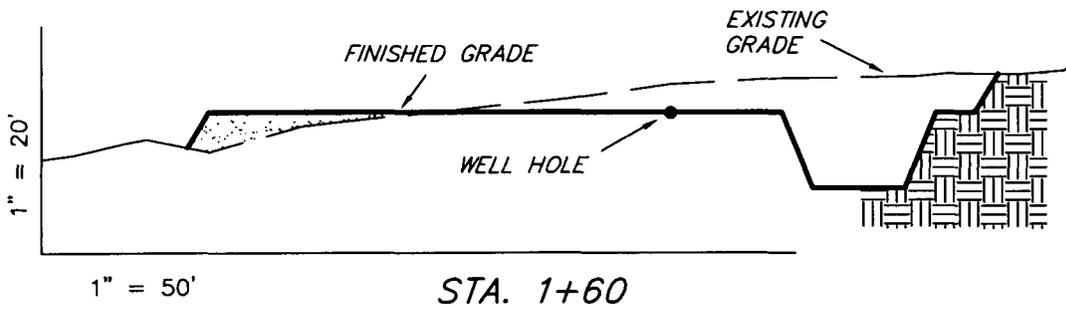
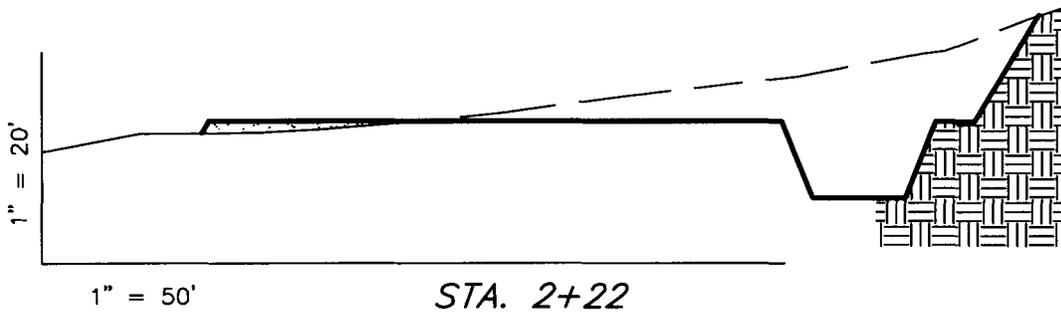
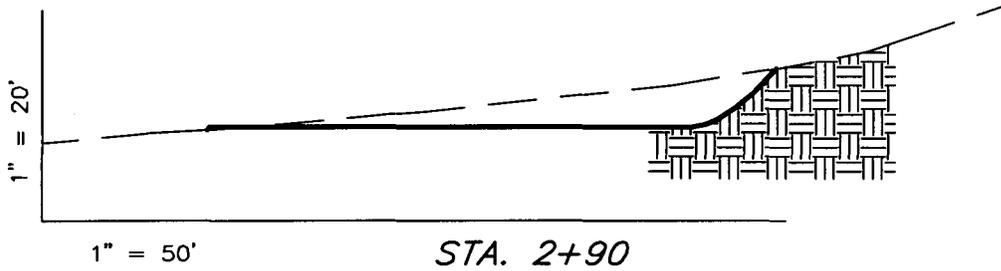
SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 2-15-06

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

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

CASTLE PEAK 1-24-9-16



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	2,400	2,370	Topsoil is not included in Pad Cut	30
PIT	640	0		640
TOTALS	3,040	2,370	1000	670

SURVEYED BY: C.M.

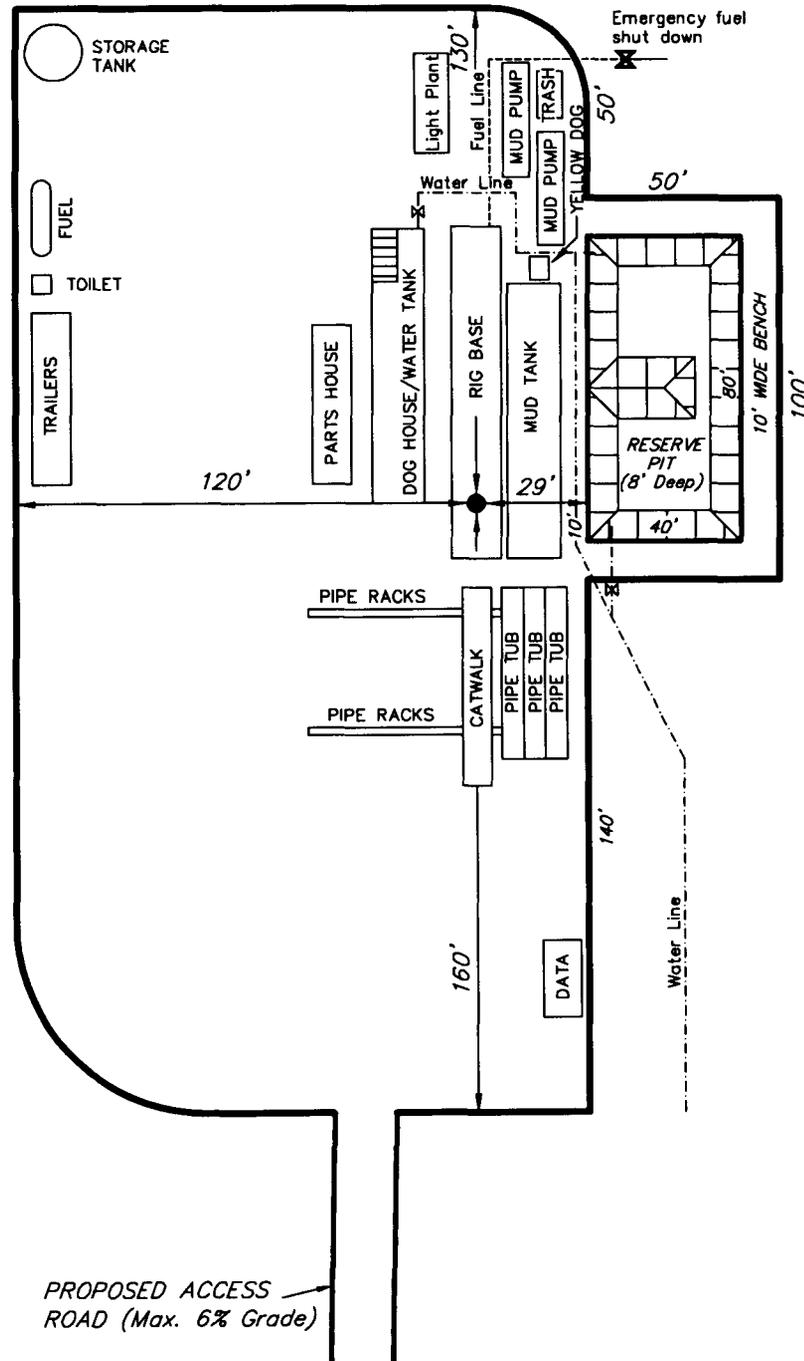
SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 2-15-06

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

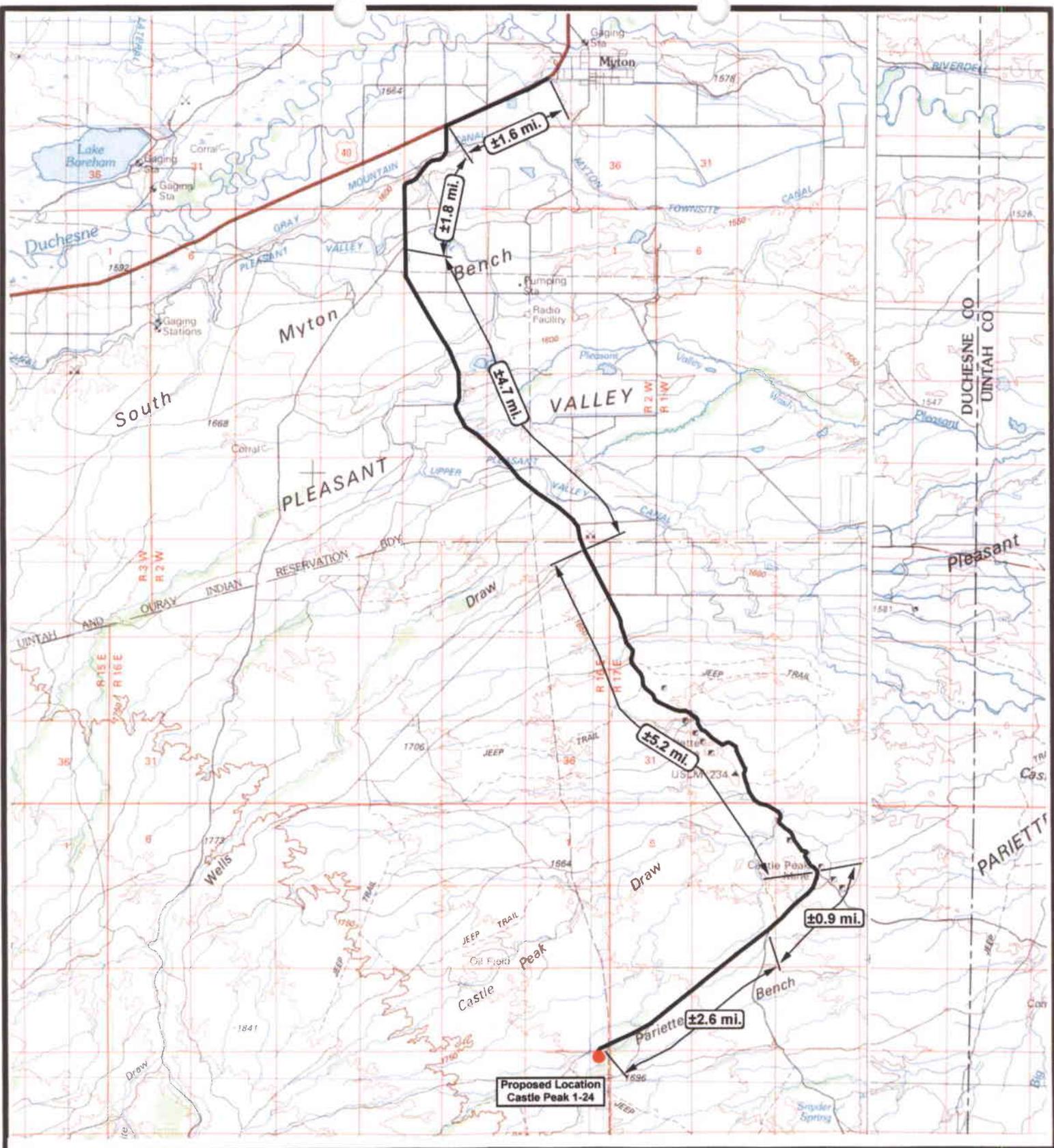
NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
CASTLE PEAK 1-24-9-16



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 2-15-06

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




NEWFIELD
 Exploration Company

Castle Peak 1-24-9-16
SEC. 24, 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: 02-15-2006

Legend

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP
"A"




NEWFIELD
 Exploration Company

Castle Peak 1-24-9-16
SEC. 24, T9S, R16E, S.L.B.&M.



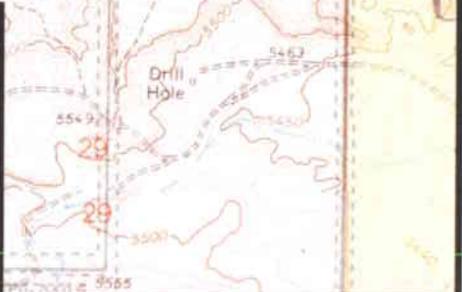

 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 02-15-2006

Legend

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP
"B"






NEWFIELD
Exploration Company

Castle Peak 1-24-9-16
SEC. 24, 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: 02-15-2006

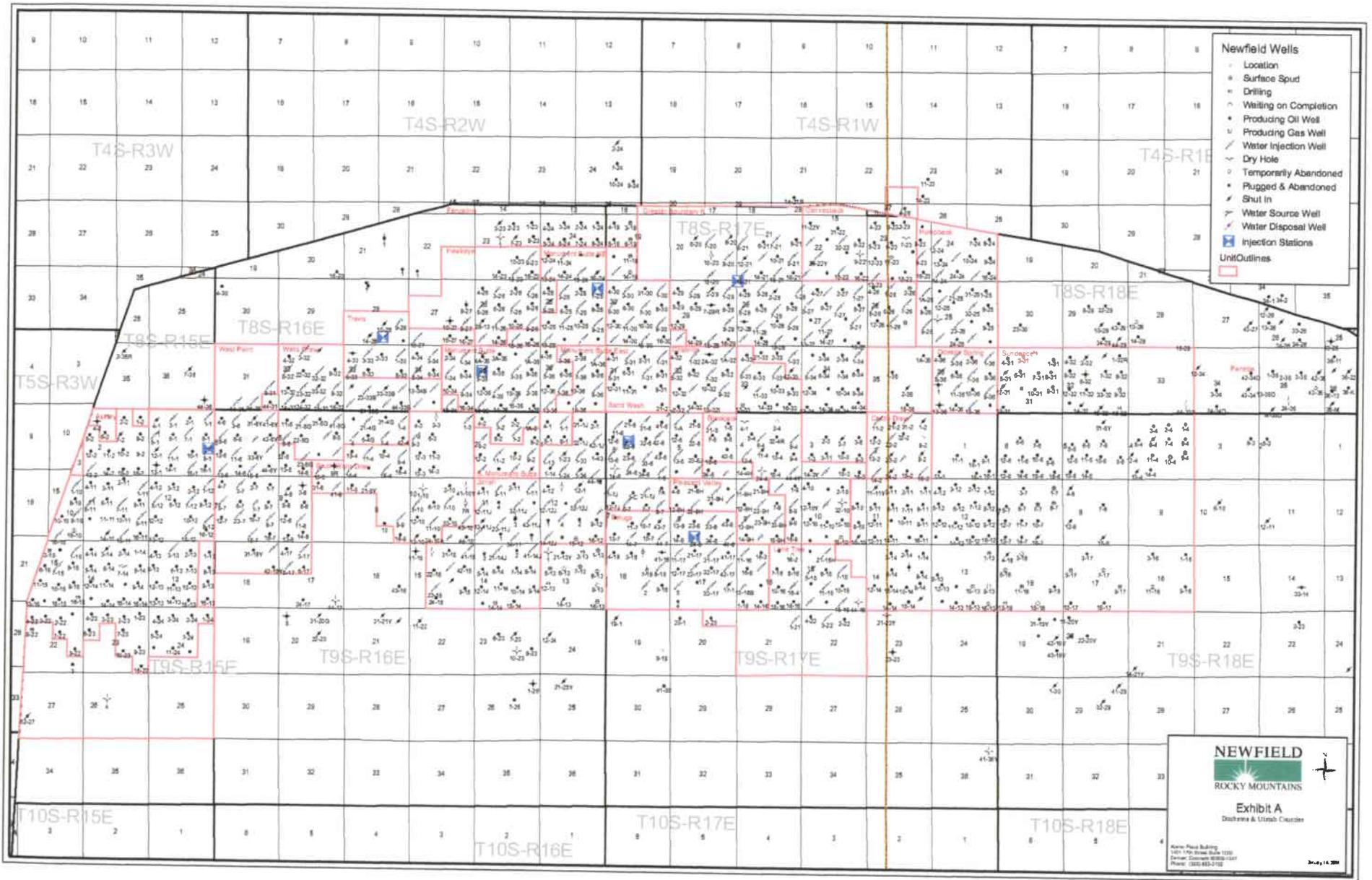
Legend

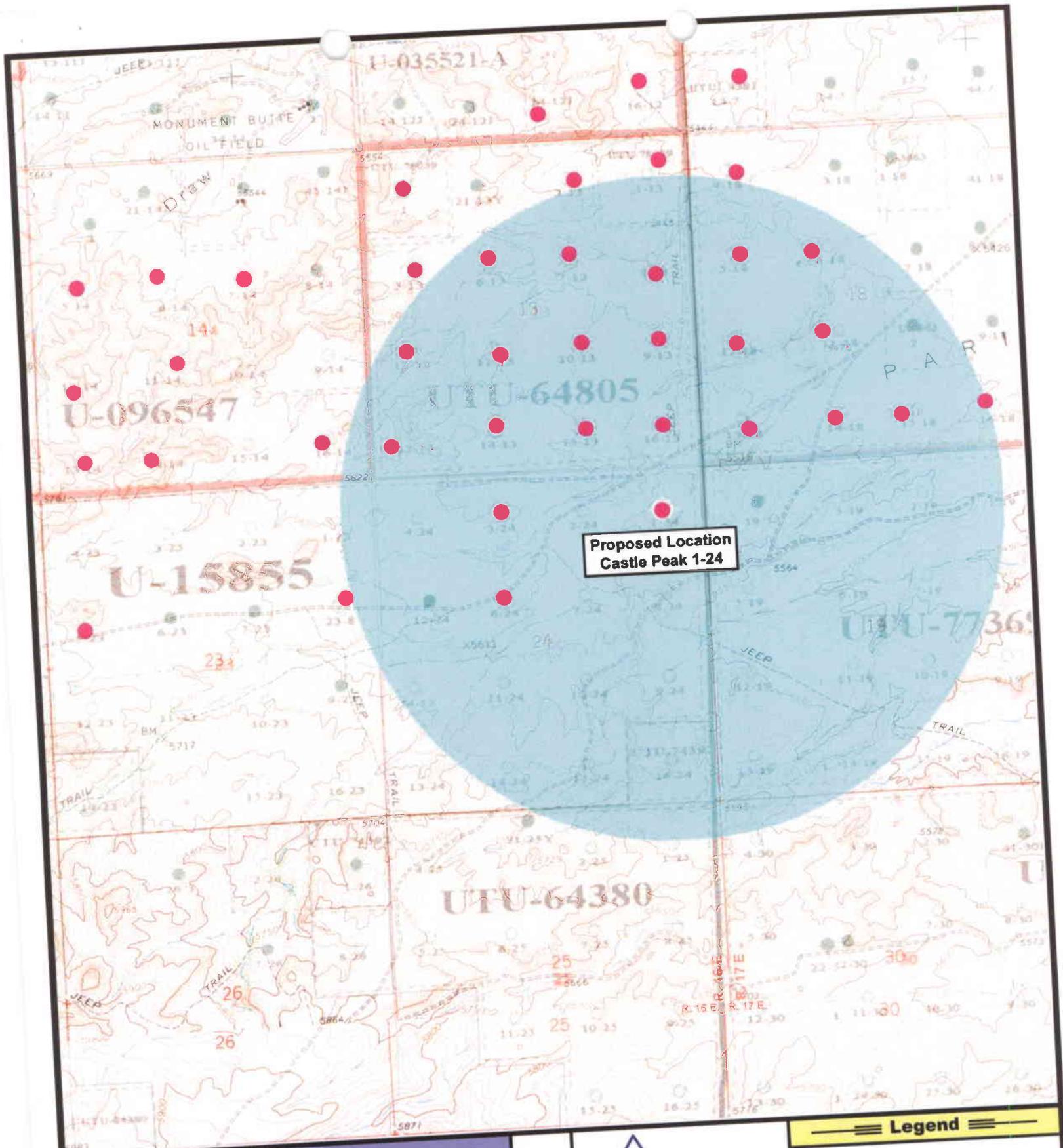
-  Roads
-  Proposed Gas Line
-  Proposed Water Line

TOPOGRAPHIC MAP

"C"







**Proposed Location
Castle Peak 1-24**



NEWFIELD
Exploration Company

**Castle Peak 1-24-9-16
SEC. 24, 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: 02-15-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

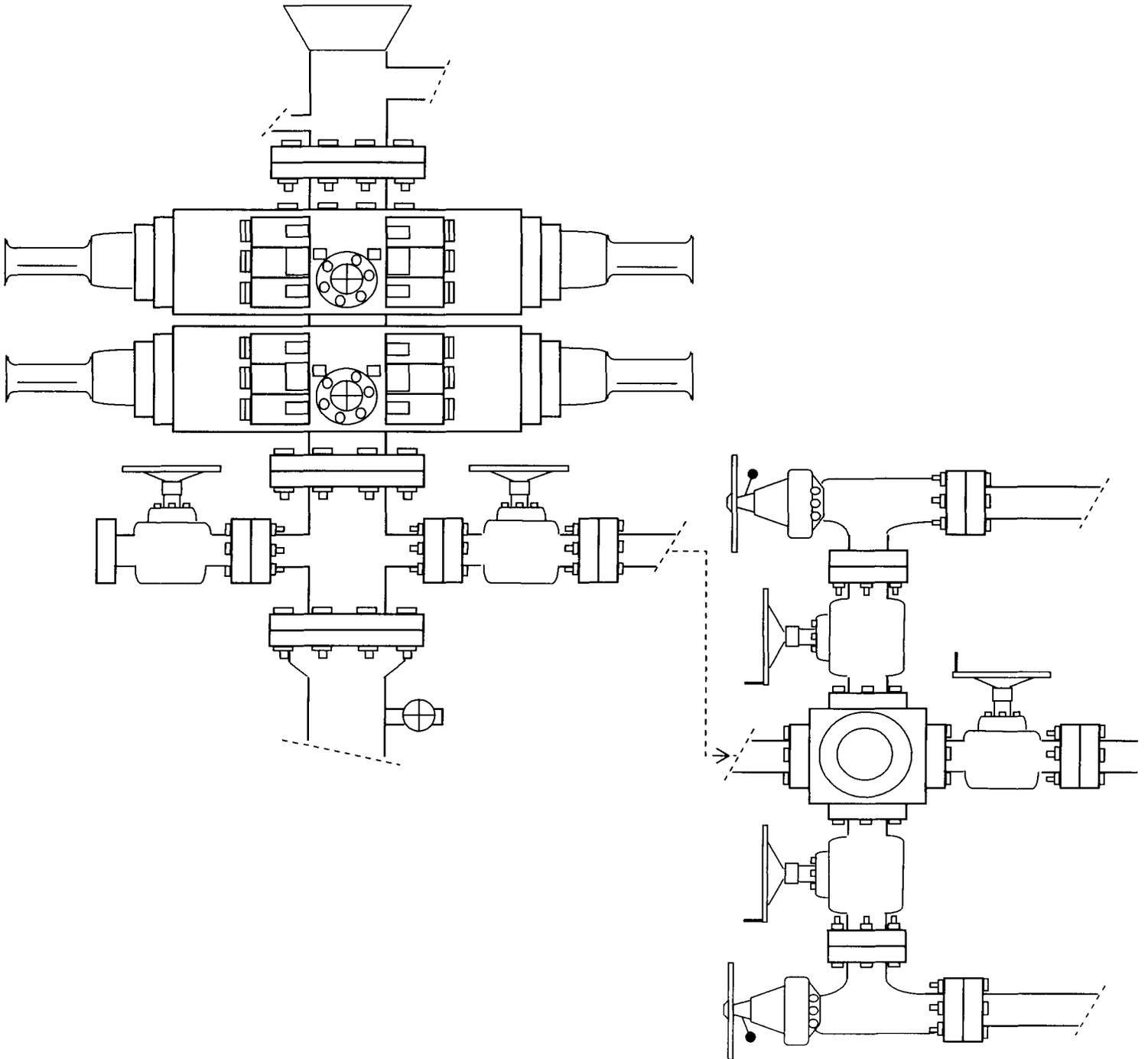


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 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: 03/06/2006

API NO. ASSIGNED: 43-013-33082

WELL NAME: FEDERAL 1-24-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NENE 24 090S 160E
 SURFACE: 0537 FNL 0671 FEL
 BOTTOM: 0537 FNL 0671 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.02213 LONGITUDE: -110.0600
 UTM SURF EASTINGS: 580215 NORTHINGS: 4430427
 FIELD NAME: 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

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

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

COMMENTS: See, Separate file

STIPULATIONS: 1- Federal Approval
2- Spacing Strip



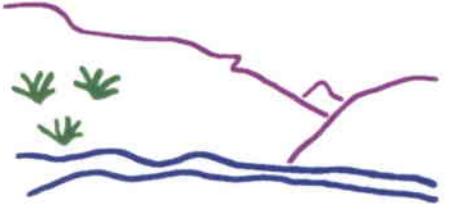
OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 24 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 09-MARCH-2006

- 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



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

March 9, 2006

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

Re: Federal 1-24-9-16 Well, 537' FNL, 671' FEL, NE NE, Sec. 24, 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 43-013-33082.

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 1-24-9-16
API Number: 43-013-33082
Lease: UTU-15855

Location: NE NE **Sec.** 24 **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

MAR 06 2006

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 1-24-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NE 537' FNL 671' FEL At proposed prod. zone		9. API Well No. 43.013.33082
14. Distance in miles and direction from nearest town or post office* Approximatley 16.8 miles south 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. 537' f/lse, NA' f/unit	16. No. of Acres in lease 1200.00	11. Sec., T., R., M., or Blk. and Survey or Area NE/NE Sec. 24, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1397'	19. Proposed Depth 5798'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5535' GL	22. Approximate date work will start* 2nd Quarter 2006	13. State UT
23. Estimated duration Approximately seven (7) days from start to rig release.		
24. Attachments		

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

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

25. Signature <i>Mandi Crozier</i>	Name (Printed/Typed) Mandi Crozier	Date 3/3/06
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kewerka</i>	Name (Printed/Typed) JERRY KEWERKA	Date 3-8-2006
Title Assistant Field Manager Lands & Mineral Resources	Office	

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

CONDITIONS OF APPROVAL ATTACHED

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

*(Instructions on reverse)

NOTICE OF APPROVAL
RECEIVED

SEP 15 2006

DIV. OF OIL, GAS & MINING

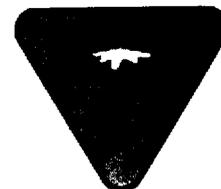


No NOS



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

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company Location: NENE, Sec 24, T9S, R16E
Well No: Federal 1-24-9-16 Lease No: UTU-15855
API No: 43-013-33082 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:	Charles Sharp	Office: 435-781-4486	
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)***

1. 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.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
3. The proposed buried pipelines will be laid adjacent to the access roads, using the road as a working surface. The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Upon completion of backfilling the trenches, reclaim with a seed drill using the seed mix listed below. Seeding shall include the area where the trench material was set aside.
4. The proposed action is in Golden eagle nesting habitat. According to the lease, new surface disturbing activities may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **February 1st through July 15th**, No new drilling or surface disturbing activities (including road construction) will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from February 1st through July 15th a new survey for Golden eagle is needed with the exception request.
5. The proposed action is in Burrowing owl nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **May 1st through August 15th**, No new drilling or surface disturbing activities (including road construction) will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities. Additionally, if drilling is anticipated from May 1st through August 15th a new survey for Burrowing owl is needed with the exception request.
6. Submit a ROW for road and pipelines.
7. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.

8. 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.
9. The reserve pit will be lined with a 16 ml or greater liner.
10. 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.
11. The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
12. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
13. Drill cuttings and mud will remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit will not be “squeezed,” (filled with soil while still containing fluids) or “cut” (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
14. Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION

15. 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.
16. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
17. Notify the Authorized Officer 48 hours prior to surface disturbing activities.
18. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
19. The boulders >3' found at the surface or above ground will be saved for final reclamation.
20. Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.
21. Interim Reclamation (see below):
 - a. 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.

b. Interim Reclamation Seed Mix for location:

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

- c. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.
- d. There shall be no primary or secondary noxious weeds in the seed mixture.
- e. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
- f. 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.
- g. 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

1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

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

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

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

5. 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.

6. 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.
7. 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.

8. 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.

9. 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.

10. 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.
11. 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.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location ($\frac{1}{4}$ / $\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
13. 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.
14. 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

15. 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.
16. 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 1-24-9-16

9. API Well No.
43-013-33082

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)

537 FNL 671 FEL NE/NE Section 24, T9S R16E

12. CHECK APPROPRIATE BOX(es) 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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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 direction-ally 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 3/9/06 (expiration 3/9/07).

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

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 03-06-07
By: [Signature]

3-7-07
RM

RECEIVED
MAR 06 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

3/5/2007

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: 43-013-33082
Well Name: Federal 1-24-9-16
Location: NE/NE Section 24,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 3/9/2006

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

Mandi Cozins
Signature

3/5/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

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MAR 06 2007

DIV. OF OIL, GAS & MINING

2007 SEP 11 PM 1:24

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 1-24-9-16

9. API Well No.
43-013-33082

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)
537 FNL 671 FEL NE/NE Section 24, T9S R16E

12. CHECK APPROPRIATE BOX(es) 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 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

CC: UTAH DOGM

(This space for Federal or State office use)
 Approved by Matt Baker Title Petroleum Engineer Date SEP 11 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 or fraudulent statements or representations as to any matter within its jurisdiction.



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OCT 09 2007

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL

Newfield Production Co.

Notice of Intent APD Extension

Lease: UTU-15855
Well: Fed 1-24-9-16
Location: NENE Sec24-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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 1-24-9-16

Api No: 43-013-33082 Lease Type: FEDERAL

Section 24 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 21

SPUDDED:

Date 10/09/07

Time 11:30 AM

How DRY

Drilling will Commence: _____

Reported by JOHNNY DAVIS

Telephone # (435) 823-6310

Date 10/10/07 Signed CHD

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

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

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 1 COMMENTS:											
A	99999	16408	4301333082	FEDERAL 1-24-9-16	NENE	24	9S	16E	DUCHESNE	10/10/2007	10/17/07
GRUV											
A	99999	16409	4301332999	FEDERAL 13-18-9-16	SWSW	18	9S	16E	DUCHESNE	10/4/2007	10/17/07
GRUV											
A	99999	16410	4301333180	FEDERAL 13-23-9-16	SWSW	23	9S	16E	DUCHESNE	10/5/2007	10/17/07
GRUV											
A	99999	16411	4301333085	FEDERAL 7-24-9-16	SWNE	24	9S	16E	DUCHESNE	10/8/2007	10/17/07
WELL 5 COMMENTS: GRUV											
A	99999	16412	4301333160	FEDERAL 11-19-9-16	NESE	19	9S	16E	DUCHESNE	10/9/2007	10/17/07
WELL 5 COMMENTS: GRUV											

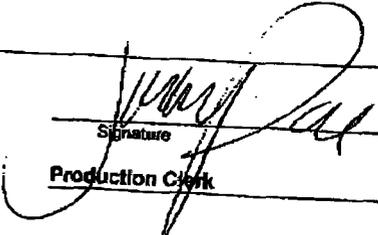
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OCT 11 2007

DIV. OF OIL, GAS & MINING

- 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.


 Signature _____ Jenri Park
 Production Clerk
 Date 10/11/07

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.

5. Lease Serial No.
USA UTU-15855

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
Federal 1-24-9-16

9. API Well No.
4301333082

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

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)
NENE Section 24 T9S R16E

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.)

On 10/12/07 MIRU NDSI Rig # 3. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5750'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 145 jt's of 5.5 J-55, 15.5# csgn. Set @ 576'1.4/ KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 29 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 105,000 #'s tension. Release rig @ 4:30 PM on 10/16/07.

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

Signature 

Title
Drilling Foreman

Date
10/16/2007

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

OCT 19 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5761.4

Flt cllr @ 5723.7

LAST CASING 8 5/8" Set @ 323.54

OPERATOR Newfield F

DATUM 12' KB

WELL Federal 1-24-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI #3

TD DRILLER 5750' Loggers 5751'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 4018' / 6.32'					
147	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5710.35
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	37.8
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5763.4
TOTAL LENGTH OF STRING		5763.4	148	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		77.65	2	CASING SET DEPTH			5761.4
TOTAL		5825.80	147	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5825.8	147				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		10/16/2007	4:30 AM	GOOD CIRC THRU JOB		YES	
CSG. IN HOLE		10/16/2007	7:30 AM	Bbls CMT CIRC TO SURFACE		46	
BEGIN CIRC		10/16/2007	8:00 AM	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>			
BEGIN PUMP CMT		10/16/2007	10:16 AM	DID BACK PRES. VALVE HOLD ? <u>YES</u>			
BEGIN DSPL. CMT		10/16/2007	11:04 AM	BUMPED PLUG TO		<u>1400</u> PSI	
PLUG DOWN		10/16/2007	11:28 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premlite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Jim Smith

DATE 10/16/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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



1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 NENE Section 24 T9S R16E

5. Lease Serial No.
 USA UTU-15855

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 Federal 1-24-9-16

9. API Well No.
 4301333082

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.)

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 11/06/2007

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
NOV 08 2007
DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-15855

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
Federal 1-24-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333082

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

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 24, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/06/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 11/5/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Tammi Lee

TITLE Production Clerk

SIGNATURE Tammi Lee

DATE 11/30/2007

(This space for State use only)

RECEIVED
DEC 03 2007
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 1-24-9-16

9/1/2007 To 1/30/2008

10/27/2007 Day: 1

Completion

Rigless on 10/26/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5679' & cement top @ 49'. Perforate stage #1 as follows: CP2 sds @ 5357-63' & CP1 sds @ 5303-08' w/ 3 1/8" slick gun (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 44 shots. RD WLT. SIFN W/ est 136 BWTR.

11/1/2007 Day: 2

Completion

Rigless on 10/31/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP sds, stage #1 down casing w/ 14,554#'s of 20/40 sand in 285 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2885 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2420 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2020. 421 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Watherford 5-1/2" (6K) composite flow through frac plug & 18' perf gun. Set plug @ 5020'. Perforate A3 sds @ 4902-20' w/ 3-1/8" Slick Guns (23 gram, .43" HE, 90°) w/ 4 spf for total of 72 shots. RU BJ & frac stage #2 w/ 89,906#'s of 20/40 sand in 691 bbls of Lightning 17 frac fluid. Open well w/ 1695 psi on casing. Perfs broke down @ 2665 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2188 @ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2375. 1112 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 5', 5' perf gun. Set plug @ 4800'. Perforate B2 sds @ 4732-37', B1 sds @ 4679-84' w/ 4 spf for total of 40 shots. RU BJ & frac stage #3 w/ 14,920#'s of 20/40 sand in 268 bbls of Lightning 17 frac fluid. Open well w/ 2075 psi on casing. Perfs broke down @ 4050 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2070 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1785. 1380 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 6' perf gun. Set plug @ 4490'. Perforate DS3 sds @ 4732-37' w/ 4 spf for total of 24 shots. RU BJ & frac stage #4 w/ 25,051#'s of 20/40 sand in 339 bbls of Lightning 17 frac fluid. Open well w/ 1567 psi on casing. Perfs broke down @ 3005 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2130 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1920. 1719 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 4200'. Perforate PB8 sds @ 4091-4101' w/ 4 spf for total of 40 shots. RU BJ & frac stage #5 w/ 62,099#'s of 20/40 sand in 499 bbls of Lightning 17 frac fluid. Open well w/ 1550 psi on casing. Perfs broke down @ 1660 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2028 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 2110. 2218 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 7 hours & died w/ 500 bbls rec'd. SIFN.

11/2/2007 Day: 3

Completion

Western #2 on 11/1/2007 - MIRUSU. Open well w/ 275 psi on casing. RD Cameron BOP's & 5K frc head. Instal 3K production tbg head & Schaefer BOP's. RU bit (used Chomp) & bit sub. Tally & pickup new J-55 tbg, 6.5#, 2-7/8" to leave EOT @ 3152' w/ 100 jts tbg. SIFN.

11/3/2007 Day: 4**Completion**

Western #2 on 11/2/2007 - Open wll w/ 100 psi on casing. Continue TIH w/ tbg to tag plug @ 4200'. RU pump & swivel. Drlg up plug #1. TIH w/ tbg to plug @ 4490'. Drlg out plug #2. TIH w/ tbg to plug @ 4800'. Drlg out plug #3. TIH w/ tbg to plug @ 5020'. Drlg out plug #4. TIH w/ tbg to tag sand @ 5560'. C/O to PBTD @ 5722'. LD 3 jts tbg. EOT @ 5642'. RU swab. Made 10 runs to rec'd 93 bbls fluid. IFL was surface. FFL was 1700'. Last run showed trace of oil w/ trace of sand. SIFN.

11/6/2007 Day: 5**Completion**

Western #2 on 11/5/2007 - Bleed gas off well. Resume swabbing well for sand cleanup. IFL @ sfc. Made 6 runs rec 50 BTF W/ light gas, tr oil & no sd. FFL @ 2100'. TIH W/ tbg. Tag sd @ 5718' (4' new fill). C/O sd to PBTD @ 5722'. Circ hole clean. Lost est 45 BW & rec tr oil. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 169 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5332' W/ SN @ 5366' & EOT @ 5431'. Land tbg W/ 15,000# tension. NU wellhead. RU flush tbg W/ 60 BW (returned same amt). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 14.5' RHAC pump, 6-1 1/2" weight rods, 20-3/4" scraped rods, 88-3/4" scraped rods, 99-3/4" scraped rods, 1-8', 1-6' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. Est 1620 BWTR. Will install final pumping unit accessories and RDSU this AM. Place well on production @ 8:00 AM 11/6/2007 W/ 86" SL @ 5 SPM. FINAL REPORT!!

Pertinent Files: Go to File List**RECEIVED****DEC 03 2007****DIV. OF OIL, GAS & MINING**

(See other instructions on reverse side)

OMB NO. 1004-0137
Expires: February 28, 1995

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

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

2. NAME OF OPERATOR
 Newfield Exploration Company

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

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
 At Surface 537' FNL & 671' FEL (NE/NE) Sec. 24, T9S, R16E
 At top prod. Interval reported below

At total depth

14. API NO. 43-013-33082 DATE ISSUED 3/09/07

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUDDED 10/10/07 16. DATE T.D. REACHED 10/15/07 17. DATE COMPL. (Ready to prod.) 11/6/07 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5535' GL 5547' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5750' 21. PLUG BACK T.D., MD & TVD 5722' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> 23. INTERVALS ROTARY TOOLS X 23. INTERVALS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
 Green River 4091'-5363'

25. WAS DIRECTIONAL SURVEY MADE

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	15.5#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5761'	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 @ 5431'	TA @ 5332'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(CP2) 5357'-5363', (CP1) 5303'-5308'	.49"	4/44
(A3) 4902'-4920'	.43"	4/72
(B2) 4732'-4737', (B1) 4679'-4684'	.43"	4/40
(DS3) 4732'-4737'	.43"	4/24
(PB8) 4091'-4101'	.43"	4/40

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5303'-5363'	Frac w/ 14,554# 20/40 sand in 285 bbls fluid
4902'-4920'	Frac w/ 89,906# 20/40 sand in 691 bbls fluid
4732'-4684'	Frac w/ 14,920# 20/40 sand in 268 bbls fluid
4732'-4737'	Frac w/ 25,051# 20/40 sand in 339 bbls fluid
4091'-4101'	Frac w/ 62,099 # 20/40 sand in 499 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 11/6/07 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) CDI 2-1/2" x 1-1/2" x 14.5' RHAC SM Plunger Pump WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	73	16	28	219

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 Tammi Lee TITLE Production Clerk DATE 11/29/2007

DIV. OF OIL, GAS & MINING
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DEC 17 2007

*(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 1-24-9-16	Garden Gulch Mkr	3416'	
				Garden Gulch 1	3621'	
				Garden Gulch 2	3729'	
				Point 3 Mkr	3972'	
				X Mkr	4244'	
				Y-Mkr	4277'	
				Douglas Creek Mkr	4401'	
				BiCarbonate Mkr	4636'	
				B Limestone Mkr	4746'	
				Castle Peak	5230'	
				Basal Carbonate	5627'	
				Total Depth (LOGGERS)	5750'	

NEWFIELD



Well Name: Federal 1-24-9-16
 LOCATION: S24, T9S, R16E
 COUNTY/STATE: Duchesne
 API: 43-013-33082

Spud Date: 10-10-07
 TD: 5750'
 CSG: 10-16-07
 POP: 11-5-07

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
11/5/2007				1620				POP @ 8:00 A.M. w/ 86" SL @ 5 SPM. 1620 Total water to recover
11/6/2007				1620				
11/7/2007	24	0	10	1610	0	0	5 1/2	
11/8/2007	24	36	110	1500	0	0	5 1/2	
11/9/2007	24	13	81	1419	18	40	5 1/2	
11/10/2007	24	53	44	1375	21	50	6	
11/11/2007	24	65	30	1345	20	50	5 3/4	
11/12/2007	24	73	28	1317	16	52	5 3/4	
11/13/2007	24	53	41	1276	21	52	5 1/2	
11/14/2007	24	59	25	1251	25	60	5 1/2	
11/15/2007	24	85	28	1223	19	60	5 1/2	
11/16/2007	24	70	15	1208	12	57	5 1/2	
11/17/2007	24	71	18	1190	18	60	5 1/2	
11/18/2007	24	75	18	1172	20	55	5 1/2	
11/19/2007	24	58	12	1160	22	53	5 1/2	
11/20/2007	24	68	20	1140	27	52	5 1/2	
11/21/2007	24	73	17	1123	25	55	5 1/2	
11/22/2007	24	62	18	1105	20	55	5	
11/23/2007	24	68	17	1088	20	55	6	
11/24/2007	24	77	10	1078	12	50	5 3/4	
11/25/2007	24	70	20	1058	10	50	5 3/4	
11/26/2007	24	78	16	1042	30	50	5 1/2	
11/27/2007	24	75	20	1022	32	52	5 3/4	
11/28/2007	24	83	20	1002	37	60	5 1/2	
11/29/2007	24	65	18	984	30	50	5 1/2	
11/30/2007	24	71	15	969	30	50	5 1/2	
12/1/2007	24	85	13	956	29	50	5 1/2	
12/2/2007	24	68	13	943	32	55	5 1/2	
12/3/2007	24	71	2	941	28	55	5 1/2	
12/4/2007	24	68	38	903	40	55	5 1/2	
12/5/2007				903				
12/6/2007				903				
		1793	717		614			



June 14, 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 #1-24-9-16
Monument Butte Field, Lease #UTU-15855
Section 24-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #1-24-9-16 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". The signature is written in a cursive style and is positioned above a long horizontal line that extends across the page.

Eric Sundberg
Regulatory Lead

RECEIVED
JUN 18 2012
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #1-24-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-15855
JUNE 14, 2012

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Federal 1-24-9-16

Spud Date: 10-10-07
 Put on Production: 11-5-07
 GL: 5535' KB: 5547'

Proposed Injection Wellbore Diagram

SURFACE CASING

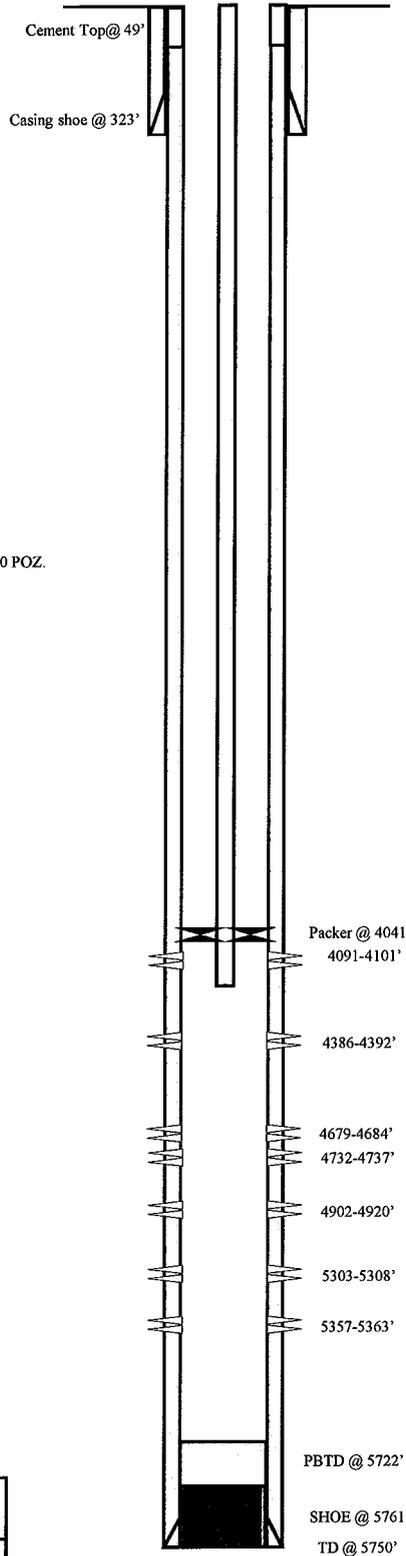
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.69')
 DEPTH LANDED: 323.45'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148jts. (55748.15')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5761.4'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 49'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 169 jts (5319.90')
 TUBING ANCHOR: 5331.90'
 NO. OF JOINTS: 1 jts (31.54')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5366.24' KB
 NO. OF JOINTS: 2 jts (62.96')
 TOTAL STRING LENGTH: EOT @ 5430.75' w/12' KB



FRAC JOB

10-31-07 5303-5363' **Frac CP 1&2 sands as follows:**
 Frac with 14554# 20/40 sand in 285 bbls Lightning 17 fluid. Treat at 2420 psi @ 24.8 BPM. ISIP 2020 psi.

10-31-07 4902-4920' **Frac A3 sands as follows:**
 Frac with 89906# 20/40 sand in 691 bbls Lightning 17 fluid. Treat at 2070psi @ 24.8 BPM. ISIP 1785psi.

10-31-07 4386-4392' **Frac DS3 sands as follows:**
 Frac with 25051# 20/40 sand in 339 bbls Lightning 17 fluid. Treat at 21300psi @ 24.8 BPM. ISIP 1920 psi.

10-31-07 4091-4101' **Frac PB8 sand as follows:**
 Frac with 62099# 20/40 sand in 499 bbls Lightning 17 fluid. Treat at 2028 psi @ 24.8 BPM. ISIP 2110 psi.

PERFORATION RECORD

4091-4101'	4 JSPF	40 holes
4386-4392'	4 JSPF	24 holes
4679-4684'	4 JSPF	20 holes
4732-4737'	4 JSPF	20 holes
4902-4920'	4 JSPF	72 holes
5303-5308'	4 JSPF	20 holes
5357-5363'	4 JSPF	24 holes

NEWFIELD



Federal 1-24-9-16
 537' FNL & 671' FEL
 NENE Section 24-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33082; 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 #1-24-9-16 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 #1-24-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3729' - 5722'). 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 3414' and the TD is at 5750'.

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

The referenced log for the Federal #1-24-9-16 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 323' KB, and 5-1/2", 15.5# casing run from surface to 5761' 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 1753 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 #1-24-9-16, for existing perforations (4091' - 5363') calculates at 0.80 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 1753 psig. We may add additional perforations between 3414' and 5750'. 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 #1-24-9-16, the proposed injection zone (3729' - 5722') 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-14.

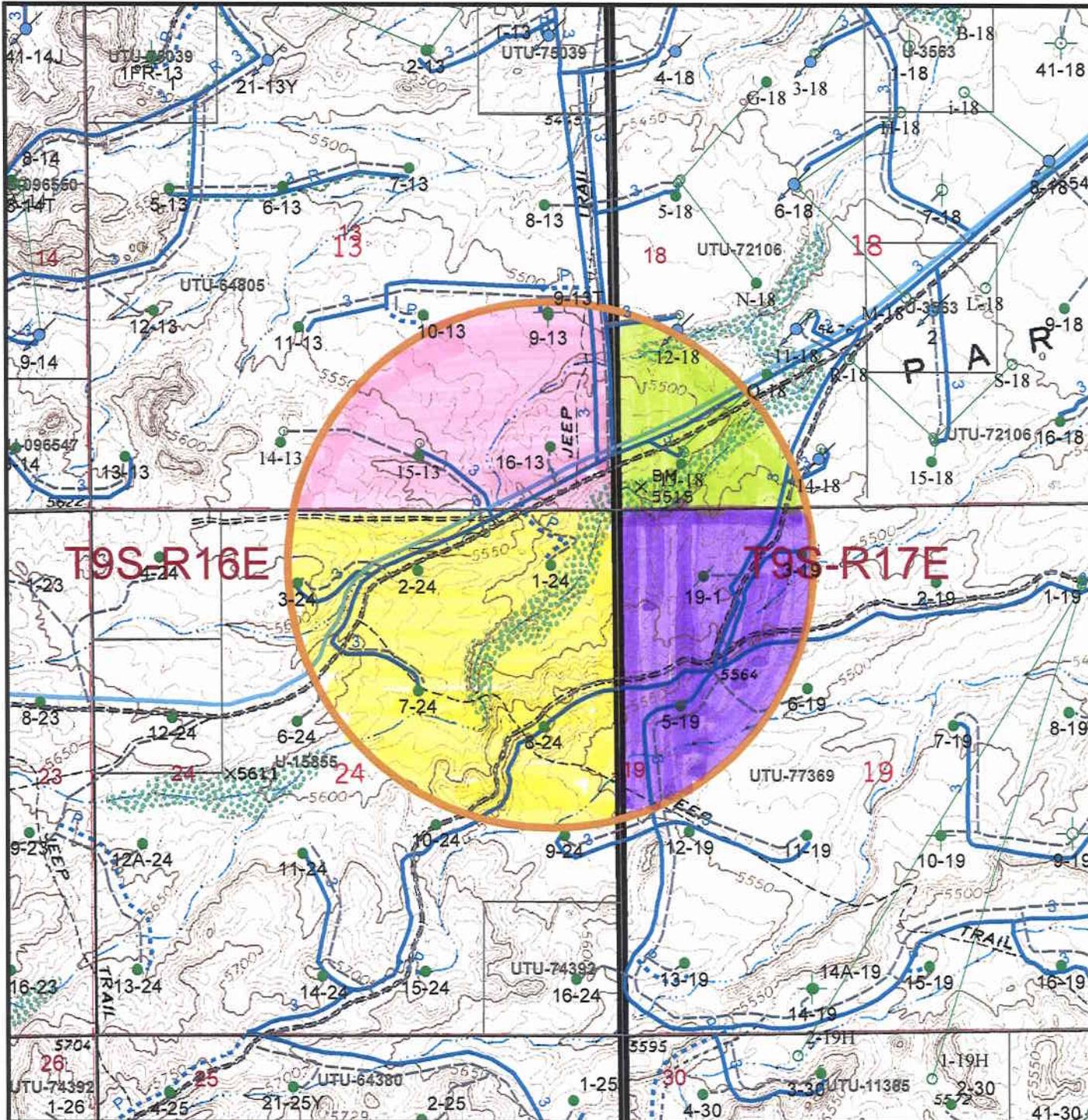
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

Well Status

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

Countyline

- high pressure
- low pressure
- proposed
- return
- return proposed

Leases

Mining tracts

UTU-15855

UTU-64805

UTU-72106

UTU-77369

Federal 1-24
Section 24, T 9S-R16E

NEWFIELD
ROCKY MOUNTAINS 1 in = 1,500 feet

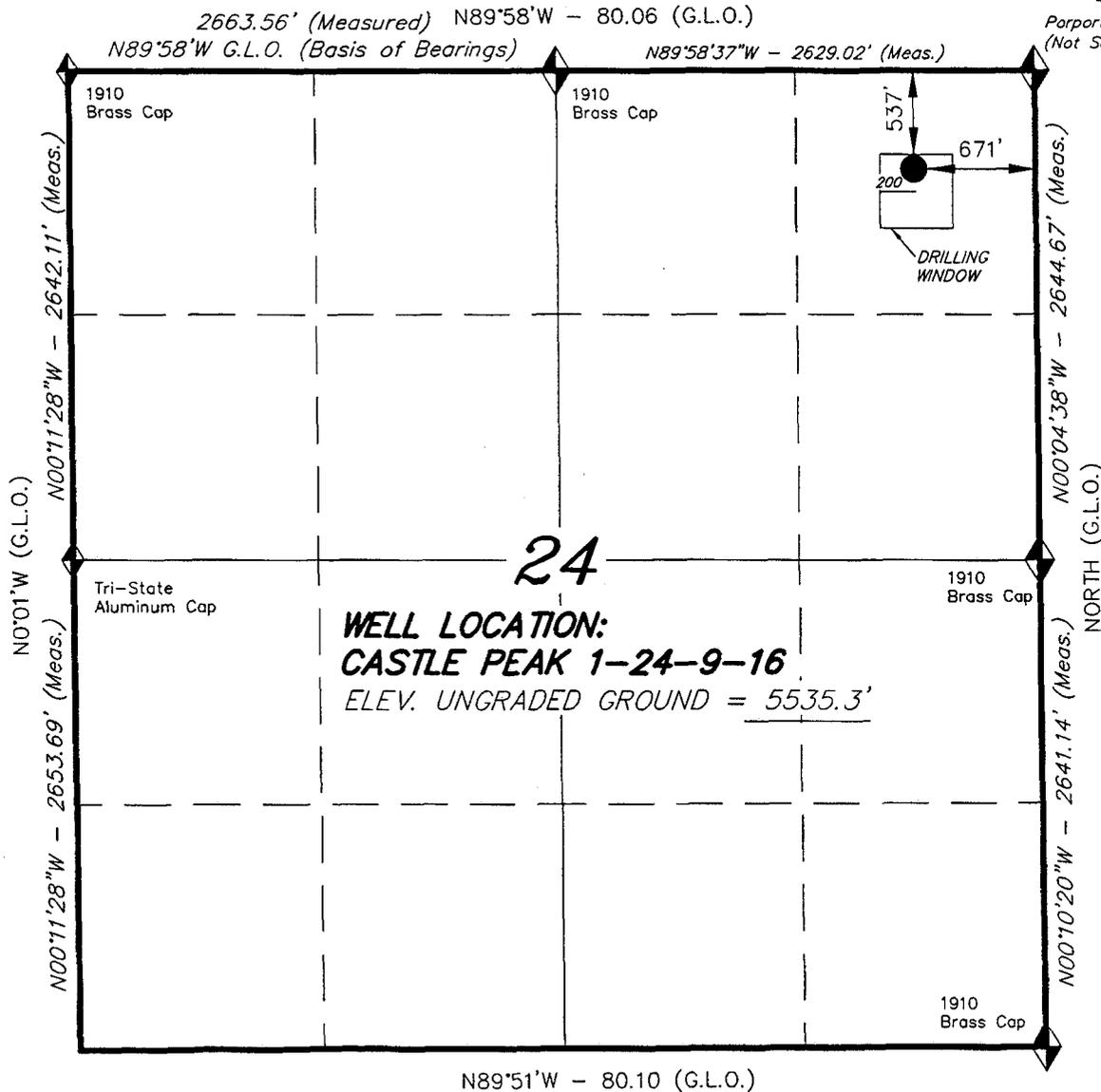
1/2 Mile Radius Map
Dukesne & Uintah Counties

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

May 2, 2012

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

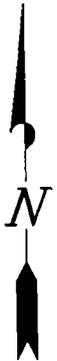
NEWFIELD PRODUCTION COMPANY



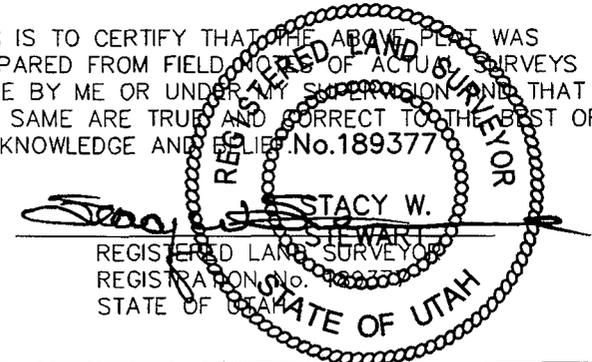
Porportioned (Not Set)

WELL LOCATION, CASTLE PEAK
 1-24-9-16, LOCATED AS SHOWN IN THE
 NE 1/4 NE 1/4 OF SECTION 24, T9S,
 R16E, S.L.B.&M. DUCHESNE COUNTY,
 UTAH.

ATTACHMENT A-1



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 1-24-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 19.71"
 LONGITUDE = 110° 03' 38.63"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 2-14-06	SURVEYED BY: C.M.
DATE DRAWN: 2-15-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E 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 13: NWNE, NENW, S2N2, S2	USA UTU-64805 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
3	T9S-R17E SLM Section 7: E2SW, SE Section 17: N2, W2SE Section 18: NENE, S2NE, E2W2, NESE, S2SE , LOTS 1-4	USA UTU-72106 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R17E SLM Section 19: All Section 20: S2NE, W2, SE	USA UTU-77369 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #1-24-9-16

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 14th day of June, 2012.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires: 02/10/2013



Federal 1-24-9-16

Spud Date: 10-10-07
 Put on Production: 11-5-07
 GL: 5535' KB: 5547'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.69')
 DEPTH LANDED: 323.45'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

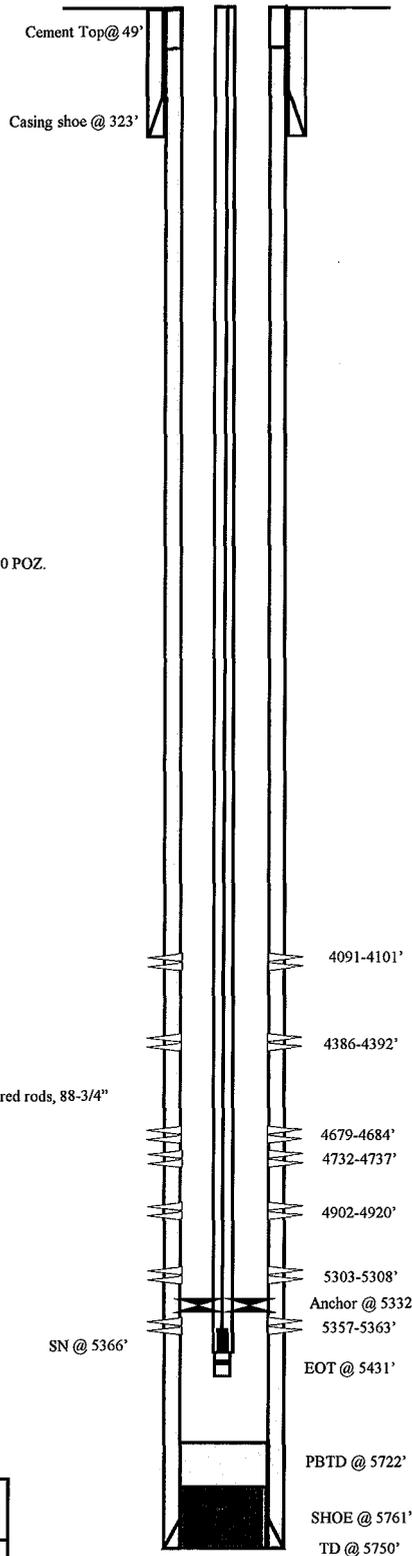
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts. (55748.15')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5761.4'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 49'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 169 jts (5319.90')
 TUBING ANCHOR: 5331.90'
 NO. OF JOINTS: 1 jts (31.54')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5366.24' KB
 NO. OF JOINTS: 2 jts (62.96')
 TOTAL STRING LENGTH: EOT @ 5430.75' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1-8", 1-6", 1-2' x 3/4" ponies, 99-3/4" scraped rods, 88-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 14.5'
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5



FRAC JOB

10-31-07	5303-5363'	Frac CP 1&2 sands as follows: Frac with 14554# 20/40 sand in 285 bbls Lightning 17 fluid. Treat at 2420 psi @ 24.8 BPM. ISIP 2020 psi.
10-31-07	4902-4920'	Frac A3 sands as follows: Frac with 89906# 20/40 sand in 691 bbls Lightning 17 fluid. Treat at 2070psi @ 24.8 BPM. ISIP 1785psi.
10-31-07	4386-4392'	Frac DS3 sands as follows: Frac with 25051# 20/40 sand in 339 bbls Lightning 17 fluid. Treat at 21300psi @ 24.8 BPM. ISIP 1920 psi.
10-31-07	4091-4101'	Frac PB8 sand as follows: Frac with 62099# 20/40 sand in 499 bbls Lightning 17 fluid. Treat at 2028 psi @ 24.8 BPM. ISIP 2110 psi.

PERFORATION RECORD

4091-4101'	4 JSPF	40 holes
4386-4392'	4 JSPF	24 holes
4679-4684'	4 JSPF	20 holes
4732-4737'	4 JSPF	20 holes
4902-4920'	4 JSPF	72 holes
5303-5308'	4 JSPF	20 holes
5357-5363'	4 JSPF	24 holes

NEWFIELD



Federal 1-24-9-16
 537' FNL & 671' FEL
 NENE Section 24-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33082; Lease #UTU-15855

Federal 9-13T-9-16

Spud Date: 11/9/05
 Put on Production: 12/20/05
 GL: 5502' KB: 5512'

Initial Production: -4 BOPD,
 84 MCFD, 7 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts (310.06')
 DEPTH LANDED: 320.06' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 160 sks Class G Mix. Est 1.5 bbls cement to pit

PRODUCTION CASING

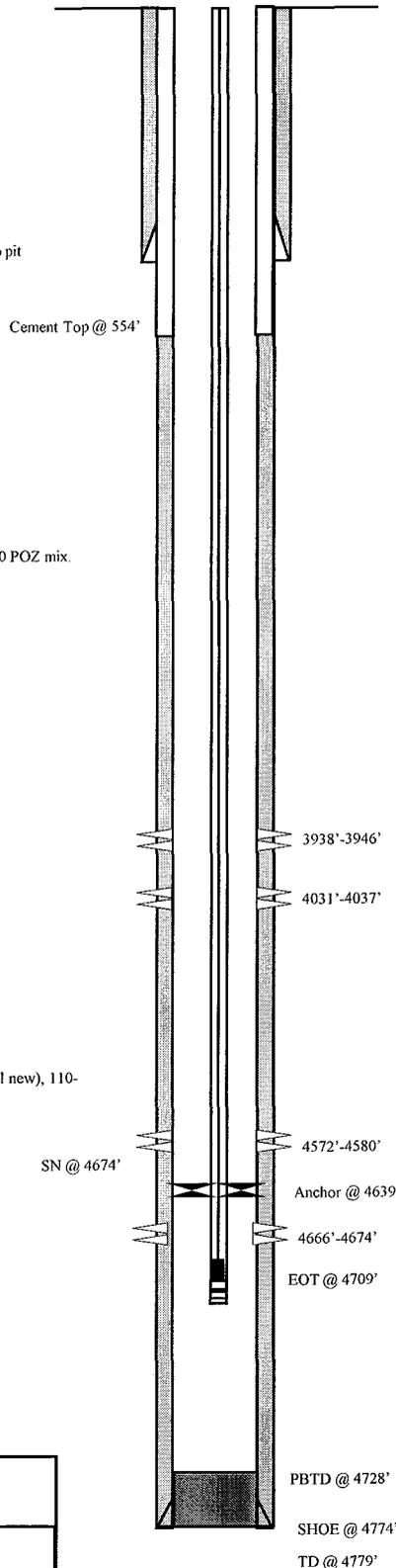
CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 110 jts (4775.93')
 DEPTH LANDED: 4773.93' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.
 CEMENT TOP AT: 554'

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 141 jts (4629.46')
 TUBING ANCHOR: 4639.26' KB
 NO. OF JOINTS: 1 jts (32.33')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 4674.39' KB
 NO. OF JOINTS: 1 jts (33.40')
 "Collar sized" Gas Anchor (5.00')
 NO. OF JOINTS: 3 jts (100.22')
 TOTAL STRING LENGTH: 4709.34' w/ 10' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'
 SUCKER RODS: 1-2' x 3/4" pony rods, 70-3/4" guided rods (all new), 110-3/4" Guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2 1/2" x 1 1/2" x 14" RHAC pump w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 6 SPM
 LOGS: Open hole, SP/GR/DIG,CBL



FRAC JOB

12/16/05 4666'-4674' **Frac C sands as follows:**
 68,278#'s of 20/40 sand in 535 bbls lightning 17 frac fluid. Treated @ avg press of 1693, w/avg rate of 24.7 bpm. ISIP 2100 psi. Calc flush: 4664 gal. Actual flush: 4200 gal.

12/16/05 4572'-4580' **Frac D2 sands as follows:**
 79,385#'s of 20/40 sand in 586 bbls lightning 17 frac fluid. Treated @ avg press of 1800, w/avg rate of 24.7 bpm. ISIP 2100 psi. Calc flush: 4570 gal. Actual flush: 4074 gal.

12/16/05 4031'-4037' **Frac GB6 sands as follows:**
 18,981#'s of 20/40 sand in 253 bbls lightning 17 frac fluid. Treated @ avg press of 1950, w/avg rate of 24.7 bpm. ISIP 1800 psi. Calc flush: 4029 gal. Actual flush: 3586 gal.

12/16/05 3938'-3946' **Frac GB4 sands as follows:**
 35,084#'s of 20/40 sand in 358 bbls lightning 17 frac fluid. Treated @ avg press of 1760, w/avg rate of 24.7 bpm. ISIP 2200 psi. Calc flush: 3936 gal. Actual flush: 3864 gal.

07-17-06 **Pump Change.** Rod & Tubing Detail Updated.

PERFORATION RECORD

Date	Interval	Tool	Holes
12/16/05	3938'-3946'	4 JSPF	32 holes
12/16/05	4031'-4037'	4 JSPF	24 holes
12/16/05	4572'-4580'	4 JSPF	32 holes
12/15/05	4666'-4674'	4 JSPF	32 holes



Federal 9-13T-9-16
 2001' FSL & 660' FEL
 NE/SE Section 13-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32954; Lease #UTU-64805

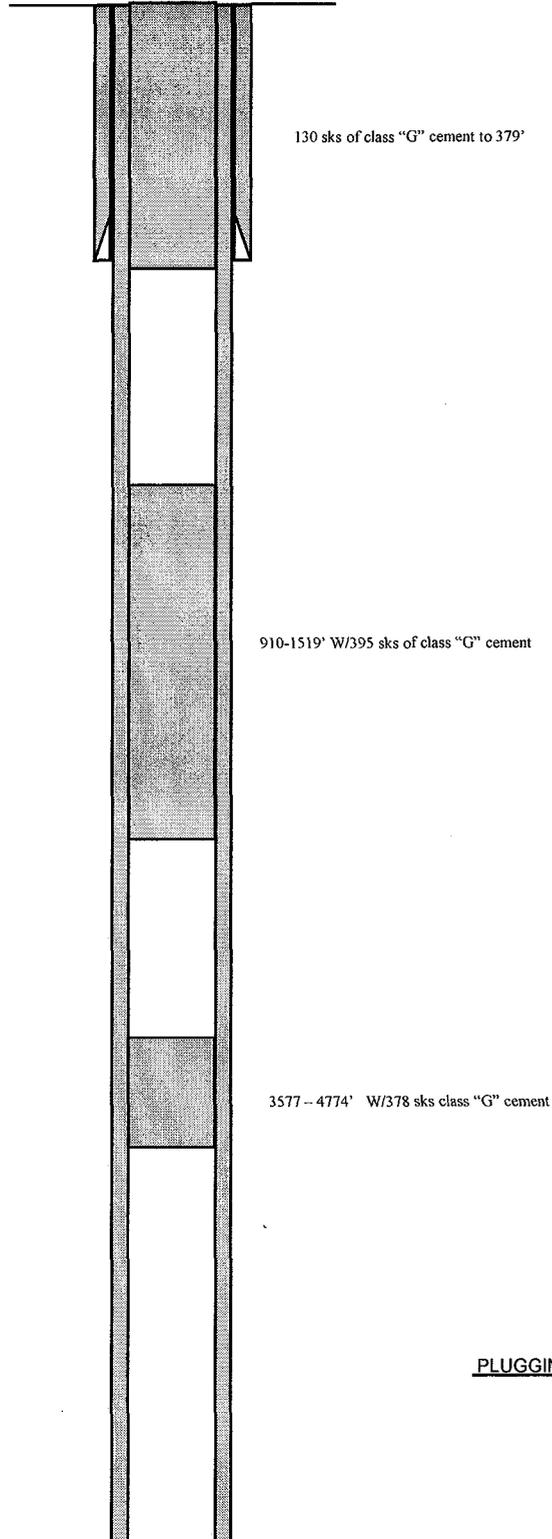
Spud Date: 8/31/05
Plugged Date: 9/22/05

Federal 9-13-9-16

P & A Diagram

SURFACE CASING

CSG SIZE: 8 5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (298.45')
DEPTH LANDED: 310.30' KB
HOLE SIZE: 12 1/4"
CEMENT DATA: 160 sks Class G Mix. Est 1.5 bbls cement to pit



PLUGGING PROCEDURE



Federal 9-13-9-16
1976' FSL & 660' FEL (NE/SE)
Sec. 13, T9S, R16E
Duchesne Co, Utah
API #43-013-32654; Lease #UTU-64805

Federal 16-13-9-16

Spud Date: 8-29-05
Put on Production: 10-26-05

GL: 5528' KB: 5539'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.57')
DEPTH LANDED: 313.42' 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: 132 jts. (5871.95')
DEPTH LANDED: 5885.2' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.
CEMENT TOP AT: 500'

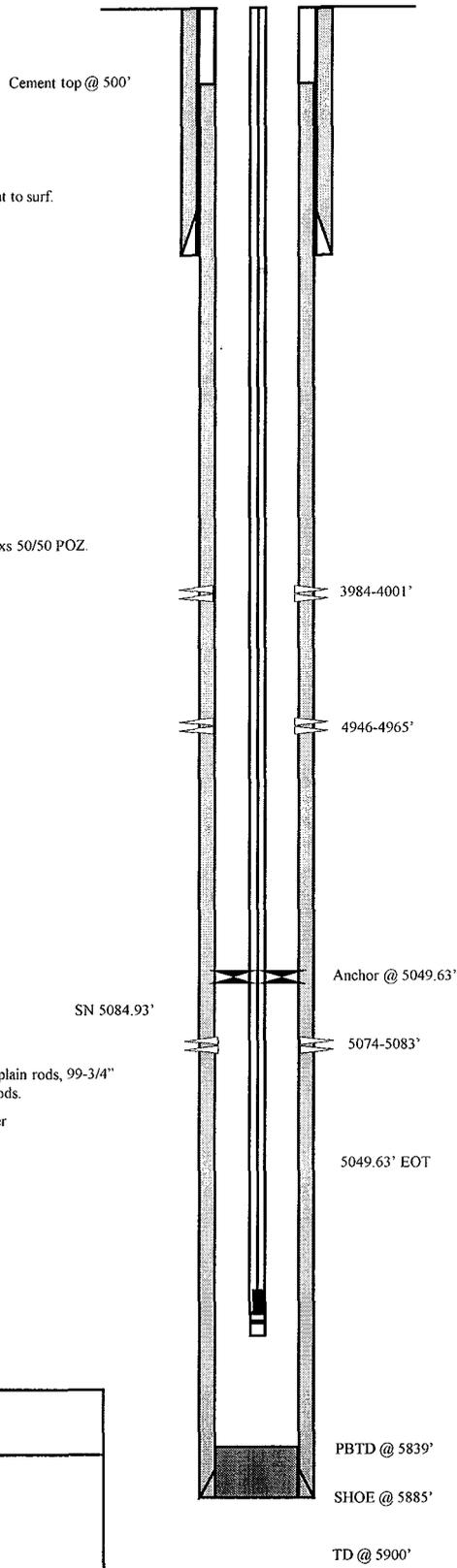
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 155 jts (5049.63')
TUBING ANCHOR: 5049.63'
NO. OF JOINTS: 1 jts (32.50')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5084.93'
NO. OF JOINTS: 2 jts (63.20')
TOTAL STRING LENGTH: EOT @ 5147.85'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2', 4', 8' x 3/4" pony subs, 87-3/4" plain rods, 99-3/4" scraped rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2 1/2" x 1 1/2" x 16" RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, 4.5 SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

10-24-05	5074-5083'	Frac LODC sands as follows: 55032# 20/40 sand in 529 bbls Lightning 17 frac fluid. Treated @ avg press of 2738 psi w/avg rate of 25.1 BPM. ISIP 3200 psi. Calc flush: 5072 gal. Actual flush: 4830 gal.
10-24-05	4946-4965'	Frac A3 sands as follows: 100665# 20/40 sand in 716 bbls Lightning 17 frac fluid. Treated @ avg press of 1750 psi w/avg rate of 25.2 BPM. ISIP 1950 psi. Calc flush: 4944 gal. Actual flush: 4654 gal.
10-24-05	3984-4001'	Frac GB6 sands as follows: 93364# 20/40 sand in 1820 bbls Lightning 17 frac fluid. Treated @ avg press of 1598 psi w/avg rate of 25.2 BPM. ISIP 1820 psi. Calc flush: 3982 gal. Actual flush: 3906 gal.
7-30-07		Pump change. Updated rod & tubing detail.

PERFORATION RECORD

10-18-05	5074-5083'	4 JSPF	36 holes
10-24-05	4946-4965'	4 JSPF	76 holes
10-24-05	3984-4001'	4 JSPF	68 holes



Federal 16-13-9-16
656' FSL & 661' FEL
SE/SE Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-32647 ; Lease #UTU-64805

Spud Date: 10-18-05
 Put on Production: 12-05-05
 GL: 5553' KB: 5565'

Federal 15-13-9-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (308.61')
 DEPTH LANDED: 320.46' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

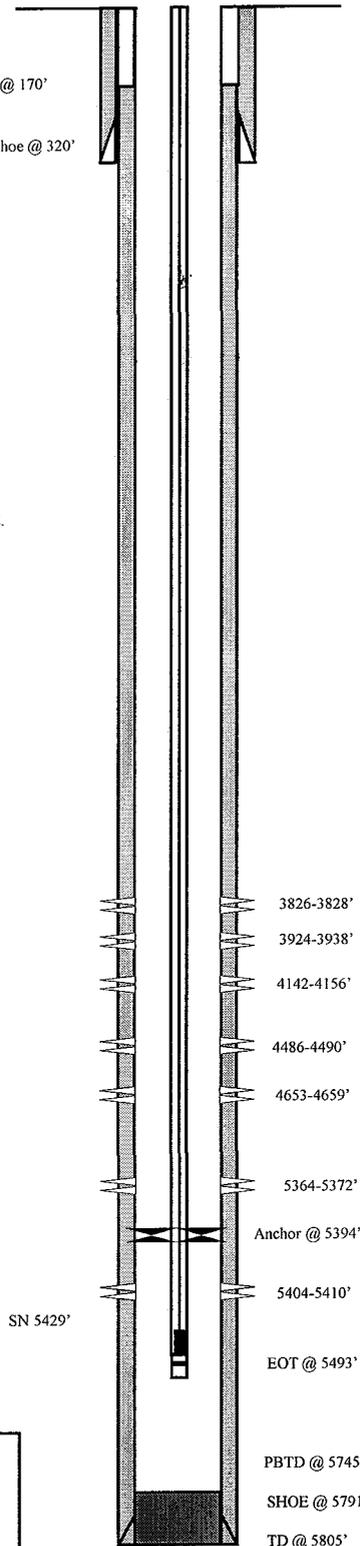
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5777.86')
 DEPTH LANDED: 5791.11' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5384.3')
 TUBING ANCHOR: 5394.3' KB
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5428.5' KB
 NO. OF JOINTS: 2 jts (62.7')
 TOTAL STRING LENGTH: EOT @ 5493' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2' x 3/4" pony rods, 99- 3/4" guided rods,
 85- 3/4" sucker rods, 25 - 3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM



FRAC JOB

11-30-05 5364-5410' **Frac CP2, & CPI sands as follows:**
 44747# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 2020 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5362 gal. Actual flush: 5376 gal.

12-01-05 4653-4659' **Frac C sands as follows:**
 19588# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 2290 psi w/avg rate of 24.7 BPM. ISIP 2850 psi. Calc flush: 4651 gal. Actual flush: 4702 gal.

12-01-05 4486-4490' **Frac D1 sands as follows:**
 19605# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 psi w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc flush: 4946 gal. Actual flush: 4494 gal.

12-01-05 4142-4156' **Frac PB8 sands as follows:**
 58778# 20/40 sand in 546 bbls Lightning 17 frac fluid. Treated @ avg press of 2383 w/ avg rate of 14.2 BPM. ISIP 3200 psi. Calc flush: 3140 gal. Actual flush: 4200 gal.

12-01-05 3924-3938' **Frac GB4 sands as follows:**
 30034# 20/40 sand in 312 bbls Lightning 17 frac fluid. Treated @ avg press of 1314 w/ avg rate of 14.2 BPM. ISIP 1500 psi. Calc flush: 3922 gal. Actual flush: 3864 gal.

06-16-06 **Pump change:** Update rod and tubing details.
 12-15-06 **Pump Change:** Updated rod and tubing detail.
 11/18/08 **Pump Change.** Updated rod & tubing details.
 2/21/2010 **Tubing Leak.** Updated rod and tubing detail.
 12/13/10 3826-3836' **Frac GB2 sands as follows:** 28786# 20/40 sand in 173 bbls Lightning 17 fluid.
 12/14/10 **Re-Completion finalized** - updated tbg and rod detail.

PERFORATION RECORD

Date	Interval	Tool	Holes
11-18-05	5404-5410'	4 JSPF	24 holes
11-18-05	5364-5372'	4 JSPF	32 holes
11-30-05	4653-4659'	4 JSPF	24 holes
12-01-05	4486-4490'	4 JSPF	16 holes
12-01-05	4142-4156'	4 JSPF	56 holes
12-01-05	3924-3938'	4 JSPF	56 holes
12-13-10	3826-3828'	3 JSPF	30 holes



Federal 15-13-9-16
 695' FSL & 1972' FEL
 SW/SE Section 13-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32648; Lease #UTU-64805

Federal 3-24-9-16

Spud Date: 10-13-07
 Put on Production: 11-21-07
 GL: 5605' KB: 5617'

Initial Production: 56.4 BOPD,
 25.0 MCFD, 34.3 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311')
 DEPTH LANDED: 320'
 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: 148 jts. (5741')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5754.72'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP AT: 105'

TUBING

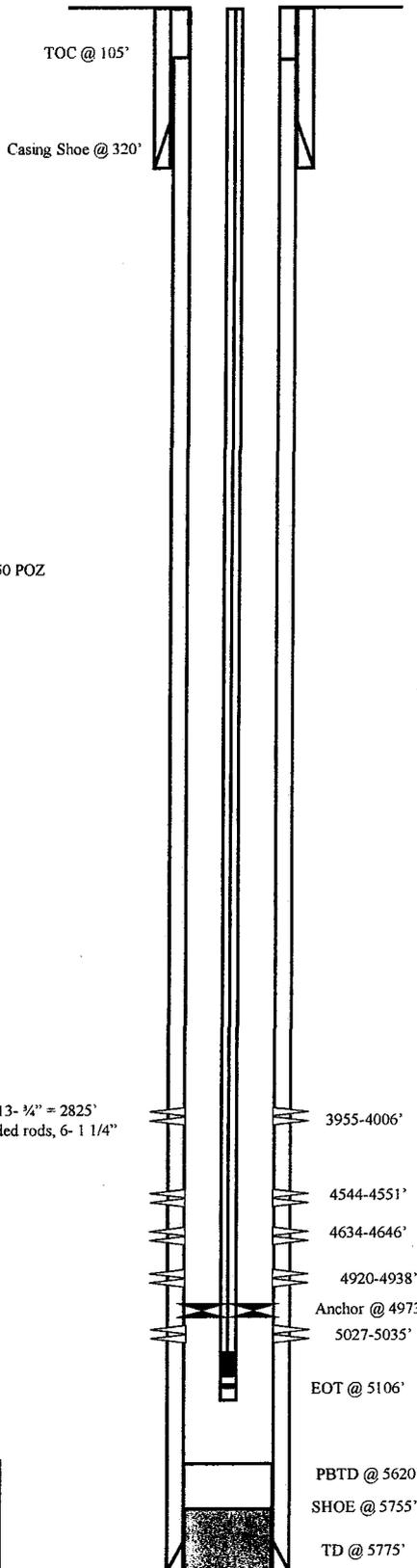
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 160 jts (4972.80')
 TUBING ANCHOR: 4972.8'
 NO. OF JOINTS: 2 jts (65.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5041.2' KB
 NO OF JOINTS: 2 jts (63.6')
 TOTAL STRING LENGTH: EOT @ 5106'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1-8" x 3/4" pony rod, 1-6" x 3/4" pony rod, 113-3/4" = 2825' guided rods, 42-3/4" = 1050' guided rods, 40-3/4" = 1000' guided rods, 6-1 1/4" = 150' weight bars, 6 x 1" = 12' stabilizer bar
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" X 20' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5

FRAC JOB

11-7-07	5027-5035'	Frac LODC sands as follows: 15,380# 20/40 sand in 274 bbls Lightning 17 fluid. Treat at 3260 psi @ 22.5 BPM ISIP 2956 psi. Calc flush: 5025 gal. Actual flush: 4519 gal.
11-16-07	4920-4938'	Frac A1 sands as follows: 90,793# 20/40 sand in 690 bbls Lightning 17 fluid. Treat at 2002 psi @ 24.75 BPM. ISIP 2240 psi. Calc flush: 4918 gal. Actual flush: 4414 gal.
11-16-07	4634-4646'	Frac C sands as follows: Frac with 49,940 # 20/40 sand in 449 bbls Lightning 17 fluid. Treat at 1978 psi @ 24.8 BPM. ISIP 1897 psi. Calc flush: 4632 gal. Actual flush: 4129 gal.
11-16-07	4544-5441'	Frac D2 sand as follows: Frac with 14,138# 20/40 sand in 261 bbls Lightning 17 fluid. Treat at 2280psi @ 24.9 BPM. ISIP 1934 psi. Calc flush: 4542 gal. Actual flush: 3952 gal.
11-16-07	3995-4006'	Frac GB-6 sands as follows: Frac with 38,509# 20/40 sand in 377 bbls Lightning 17 fluid. Treat at 1729 psi @ 24.8 BPM. ISIP 1934 psi. Calc flush: 3993 gal. Actual flush: 4032 gal.
7/6/09		Major Workover. Updated rod & tubing detail.
5/4/2010		Tubing leak. Updated rod and tubing detail.
6/9/2011		Tubing leak. Updated rod & tubing detail.



PERFORATION RECORD

3995-4006'	4 JSPF	44 holes
4544-4551'	4 JSPF	28 holes
4634-4646'	4 JSPF	48 holes
4920-4938'	4 JSPF	72 holes
5027-5035'	4 JSPF	32 holes

NEWFIELD

Federal 3-24-9-16
 722' FNL & 2063' FWL
 NENW Section 24-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33084; Lease #UTU-15855

FEDERAL 2-24-9-16

Spud Date: 10/11/07
 Put on Production: 10/16/07
 GL: 5559' KB: 5571'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.63')
 DEPTH LANDED: 322.48' 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: 148 jts. (5720.99')
 DEPTH LANDED: 5734.24' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 40'

TUBING

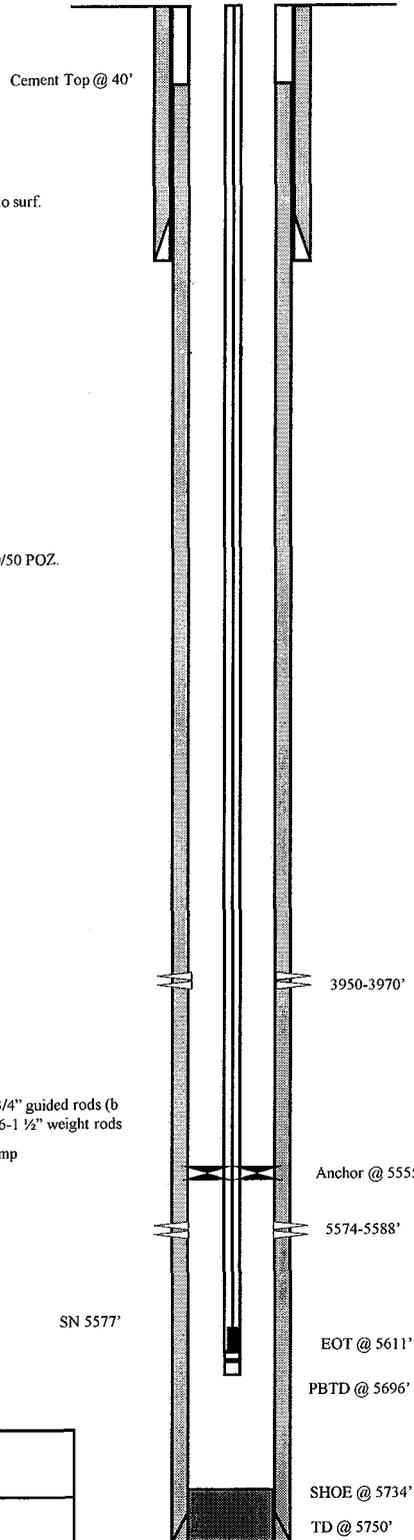
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 173 jts (5543.7')
 TUBING ANCHOR: 5555.65' KB
 NO. OF JOINTS: 1 jts (30.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5577.4' KB
 NO. OF JOINTS: 1 jts (31.6')
 2 7/8" NC (.45')
 TOTAL STRING LENGTH: EOT @ 5611' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-8", 2-12', 1-2', 2-6' x 3/4" pony rods, 100-3/4" guided rods (b grd), 76-3/4" plain rods (b grd), 20-3/4" guided rods (a grd), 6-1 1/2" weight rods
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' 'RHAC rod pump
 STROKE LENGTH: 76"
 PUMP SPEED, 4.5 SPM:

FRAC JOB

11/09/07	5574-5588'	Frac CPS sands as follows: 75968# 20/40 sand in 619 bbls Lightning 17 frac fluid. Treated @ avg press of 1986 psi w/avg rate of 23.2 BPM. ISIP 2173 psi. Calc flush: 5572 gal. Actual flush: 4998 gal.
11/09/07	3950-3970'	Frac GB6 sands as follows: 151571# 20/40 sand in 1011 bbl Lightning 17 frac fluid. Treated @ avg press of 1593 psi w/avg rate of 23.1 BPM. ISIP 1775 psi. Calc flush: 3948 gal. Actual flush: 3864 gal.
05/29/08		Pump change. Updated rod and tubing detail
6/11/08		pump change. Updated rod and tubing detail
2/4/2011		Pump Change. Update rod and tubing details.



PERFORATION RECORD

11/09/07	5574-5588'	4 JSPF	56 holes
11/09/07	3950-3970'	4 JSPF	80 holes

NEWFIELD

FEDERAL 2-24-9-16
 595' FNL & 2010' FEL
 NW/NE Section 24-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33083; Lease # UTU-15855

FEDERAL 7-24-9-16

Spud Date: 10/08/07
 Put on Production: 11/29/07
 GL: 5582' KB: 5594'

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: 320.63' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5708.82')
 DEPTH LANDED: 5722.07' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 102'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 151 jts (4747')
 TUBING ANCHOR: 4759' KB
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4793.2' KB
 NO. OF JOINTS: 2 jts (62.8')
 TOTAL STRING LENGTH: EOT @ 4858' KB

SUCKER RODS

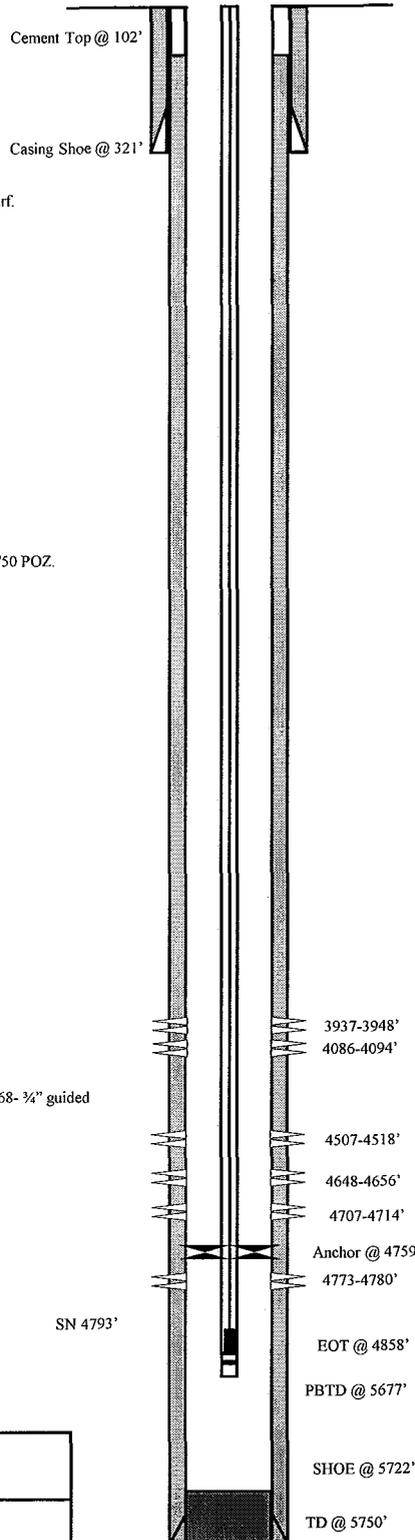
POLISHED ROD: 1-1/2" x 26' polished rods
 SUCKER RODS: 1-8", x 3/4" pony rods, 101-3/4" guided rods, 68- 3/4" guided rods, 16- 3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2", 14' x 18' RHAC
 STROKE LENGTH: 122"
 PUMP SPEED, SPM: 5

FRAC JOB

11/28/07	4773-4780'	Frac A.5 sands as follows: 17251# 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2409 psi w/avg rate of 23 BPM. ISIP 2414 psi. Calc flush: 4771 gal. Actual flush: 4326 gal.
11/28/07	4707-4714'	Frac B2 sands as follows: 14724# 20/40 sand in 259 bbl Lightning 17 frac fluid. Treated @ avg press of 2302 psi w/avg rate of 23 BPM. ISIP 2046 psi. Calc flush: 4705 gal. Actual flush: 4242 gal.
11/28/07	4648-4656'	Frac B1 sands as follows: 34965# 20/40 sand in 404 bbls Lightning 17 frac fluid. Treated @ avg press of 2184 psi w/avg rate of 23 BPM. ISIP 2285 psi. Calc flush: 4646 gal. Actual flush: 4200 gal.
11/28/07	4507-4518'	Frac D3 sands as follows: 19882# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2096 psi w/avg rate of 23 BPM. ISIP 1854 psi. Calc flush: 4505 gal. Actual flush: 3990 gal.
11/28/07	4086-4094'	Frac PB8 sands as follows: 39746# 20/40 sand in 382 bbls Lightning 17 frac fluid. Treated @ avg press of 2344 psi w/avg rate of 23 BPM. ISIP 2153 psi. Calc flush: 4084 gal. Actual flush: 3612 gal
11/28/07	3937-3948'	Frac GB6 sands as follows: 9438# 20/40 sand in 219 bbls Lightning 17 frac fluid. Treated @ avg press of 2045 psi w/avg rate of 23 BPM. ISIP 1931 psi. Calc flush: 3935 gal. Actual flush: 3864 gal
7/17/08		pump change. Updated rod and tubing detail
9/16/09		Pump Change. Updated rod & tubing details.
1/14/10		Tubing Leak. Updated rod and tubing detail.

PERFORATION RECORD

4773-4780'	4 JSPF	28 holes
4707-4714'	4 JSPF	28 holes
4648-4656'	4 JSPF	32 holes
4507-4518'	4 JSPF	44 holes
4086-4094'	4 JSPF	32 holes
3937-3948'	4 JSPF	44 holes



SN 4793'

NEWFIELD

FEDERAL 7-24-9-16

1790'FNL & 2019' FEL

SW/NE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33085; Lease # UTU-15855

FEDERAL 8-24-9-16

Spud Date: 2/25/08
 Put on Production: 4/18/08
 GL: 5603' KB: 5615'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts
 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: 137 jts
 DEPTH LANDED: 5739'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sx Premlite II and 400 sx 50/50 Poz
 CEMENT TOP: 40'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 166 jts (5216.48')
 TUBING ANCHOR: 5228.48' KB
 NO. OF JOINTS: 1 jts (31.42')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5262.70' KB
 NO. OF JOINTS: 2 jts (62.90')
 TOTAL STRING LENGTH: EOT @ 5327.15' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rods
 SUCKER RODS: 1-4" x 3/4" pony sub, 97-3/4" guided rods, 87-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16x 18' RHAC
 STROKE LENGTH: 102'
 PUMP SPEED, SPM: 5

FRAC JOB

4/1/08 5272-5278' **Frac CP.5 sds as follows:**
 15,319# 20/40 sand in 284 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2126 psi @ ave rate of 23.3 BPM. ISIP 2956 psi. Actual Flush: 4750 gal.

4/1/08 4693-4702' **Frac B1 sds as follows:**
 60,062# 20/40 sand in 502 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1779 psi @ ave rate of 23.5 BPM. ISIP 1884 psi. Actual Flush: 4179 gal.

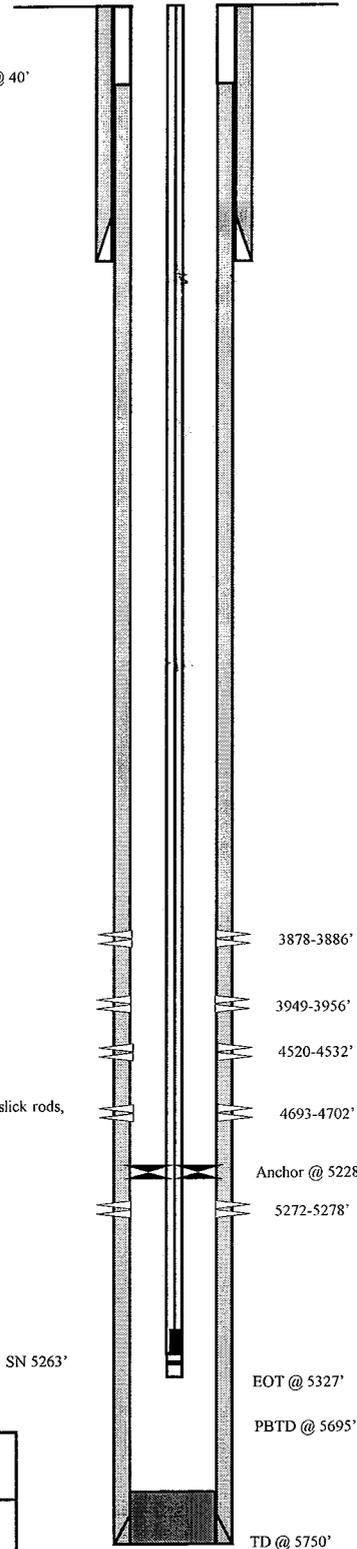
4/1/08 4520-4532' **Frac D2 sds as follows:**
 35,229 20/40 sand in 407 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2972 psi @ ave rate of 21.1 BPM. ISIP 2107 psi. Actual Flush: 3986

4/1/08 3949-3956' **Frac GB6 sds as follows:**
 29,694# 20/40 sand in 367 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1808 psi @ ave rate of 23.5 BPM. ISIP 1640 psi. Actual Flush: 3486 gal.

4/1/08 3878-3886' **Frac GB2 sds as follows:**
 31,997#s of 20/40 sand in 369 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1932 psi @ ave rate of 23.5 BPM. ISIP 1618 psi. Actual Flush: 3822 gal.

PERFORATION RECORD

4/1/08	3878-3886'	4 JSPF	32 holes
4/1/08	3949-3956'	4 JSPF	28 holes
4/1/08	4520-4532'	4 JSPF	48 holes
4/1/08	4693-4702'	4 JSPF	36 holes
3/31/08	5272-5278'	4 JSPF	24 holes



SN 5263'

NEWFIELD

FEDERAL 8-24-9-16

2148'FNL & 763' FEL

SE/NE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33086; Lease # UTU-15855

Spud Date: 2/27/08
 Put on Production: 4/22/08
 GL: 5566' KB: 5578'

Injection Wellbore
 Diagram

SURFACE CASING

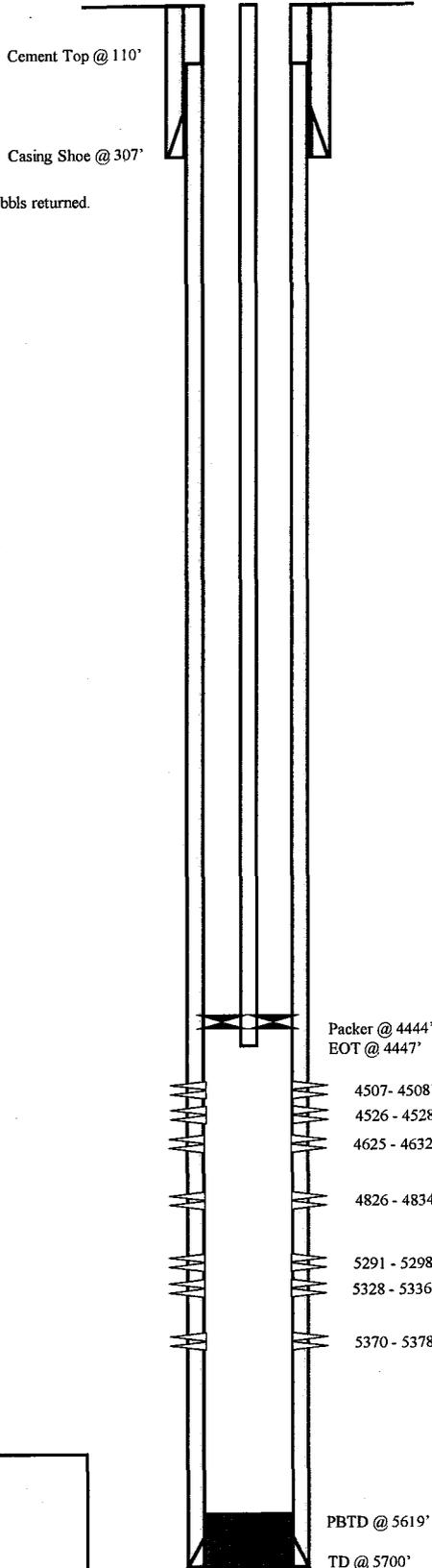
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts
 DEPTH LANDED: 307.29'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class "G" cmt 2 bbls returned.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts (5735.06)
 DEPTH LANDED: 5663'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sx Premlite II and 400 sx 50/50 Poz
 CEMENT TOP @ 110'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 141 jts (4429.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4441.1' KB
 ON/OFF SKIRT: 4442.2'
 X NIPPLE: 2-7/8 (0.4) @ 4443.6'
 PACKER @ 4444'
 TOTAL STRING LENGTH: EOT @ 4447' KB



FRAC JOB

4/11/08 5291-5298' **Frac CP sds as follows:** 30,370#s of 20/40 sand in 399 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1818 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand. ISIP ws 1876. Actual Flush: 4788 gal.

4/11/08 4826-4834' **Frac A3 sds as follows:** 15,115#s of 20/40 sand in 273 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2593 @ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP ws 2180. Actual Flush: 4326 gal.

4/11/08 4625-4632' **Frac B1 sds as follows:** 18,870# 20/40 sand in 297 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1927 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand. ISIP ws 1850. Actual Flush: 4356 gal.

8/2/09 **Tubing Leak.** Updated rod & tubing details.

2/20/10 **Tubing Leak.** Updated rod and tubing detail.

2/23/2010 **Tubing Leak.** Updated rod and tubing detail.

05/16/2012 **Tubing Leak.** Updated rod and tubing detail.

06/28/12 4507-4528' **Frac C sds as follows:** 30302#s of 20/40 sand in 414bbls of Lightning 17 frac fluid.

07/02/12 **Convert to Injection Well**

07/03/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Depth Range	Number of JSPF	Number of Holes
5370-5378'	4 JSPF	32 holes
5328-5336'	4 JSPF	32 holes
5291-5298'	4 JSPF	28 holes
4826-4834'	4 JSPF	32 holes
4625-4632'	4 JSPF	28 holes
4507-4508'	3 JSPF	3 holes
4526-4528'	3 JSPF	6 holes

NEWFIELD

FEDERAL 9-24-9-16

2024' FSL & 569' FEL

NE/SE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33338; Lease # UTU-15855

FEDERAL 5-19-9-17

Spud Date: 09/04/07
 Put on Production: 10/23/07
 GL: 5537' KB: 5549'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.37')
 DEPTH LANDED: 324.22' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, 2-300 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 147 jts. (5666.19')
 DEPTH LANDED: (5679.44') KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 378 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 110'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 150 jts (4644.83')
 TUBING ANCHOR: 4656.83' KB
 NO. OF JOINTS: 1 jts (31.45')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4691.08' KB
 NO. OF JOINTS: 2 jts (61.51')
 TOTAL STRING LENGTH: EOT @ 4754.14' KB

SUCKER RODS

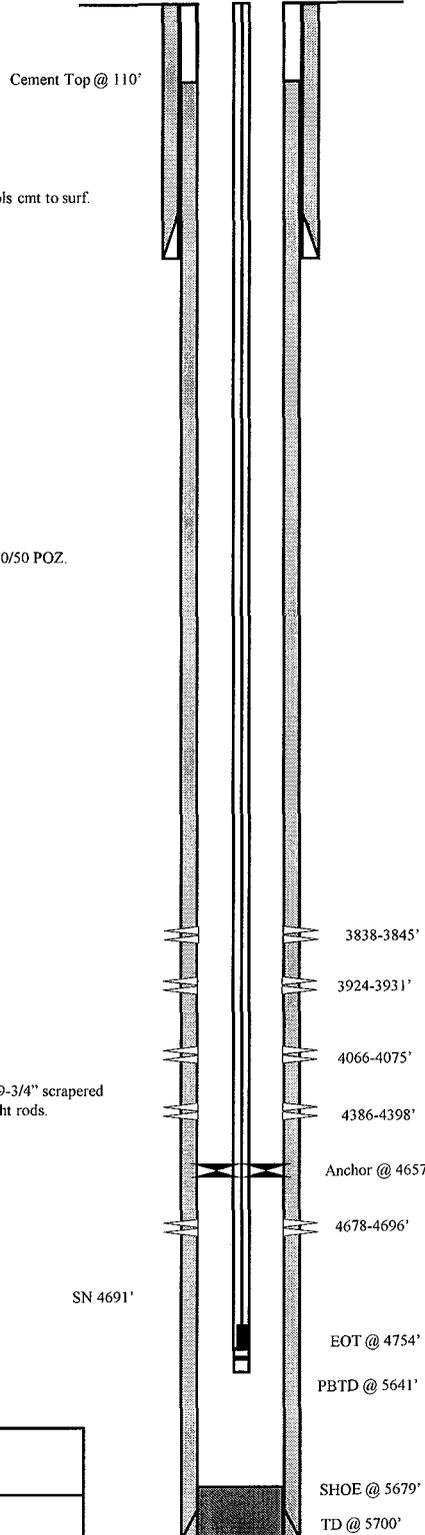
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 2-2", 1-4", 1-6' & 1- 6', 8' x 3/4" pony rods, 99-3/4" scraped rods, 61-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12x 15' 'RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:

FRAC JOB

10/18/07	4678-4696'	Frac B2 sands as follows: 110497# 20/40 sand in 834 bbls Lightning 17 frac fluid. Treated @ avg press of 1733 psi w/avg rate of 23.1 BPM. ISIP 1999 psi. Calc flush: 4676 gal. Actual flush: 4082 gal.
10/18/07	4386-4398'	Frac D1 sands as follows: 35067# 20/40 sand in 369 bbl Lightning 17 frac fluid. Treated @ avg press of 1649 psi w/avg rate of 23.0 BPM. ISIP 1760 psi. Calc flush: 4384 gal. Actual flush: 3797 gal.
10/18/07	4066-4075'	Frac PB8 sands as follows: 45256# 20/40 sand in 428 bbls Lightning 17 frac fluid. Treated @ avg press of 2097 psi w/avg rate of 23.0 BPM. ISIP 2009 psi. Calc flush: 4064 gal. Actual flush: 3562 gal.
10/18/07	3924-3931'	Frac GB6 sands as follows: 45222# 20/40 sand in 425 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 23.0 BPM. ISIP 1849 psi. Calc flush: 4826 gal. Actual flush: 3415 gal.
10/18/07	3838-3845'	Frac GB4 sands as follows: 11221# 20/40 sand in 242 bbls Lightning 17 frac fluid. Treated @ avg press of 1907 psi w/avg rate of 23.0 BPM. ISIP 1623 psi. Calc flush: 3836 gal. Actual flush: 3751 gal.
6/9/08		Stuck pump. Rod details updated.

PERFORATION RECORD

10/23/07	4678-4696'	4 JSPF	72 holes
10/23/07	4386-4398'	4 JSPF	48 holes
10/23/07	4066-4075'	4 JSPF	36 holes
10/23/07	3924-3931'	4 JSPF	28 holes
10/23/07	3838-3845'	4 JSPF	28 holes





FEDERAL 5-19-9-17
 1950' FNL & 614' FWL
 SW/NW Section 19-T9S-R17E
 Duchesne Co, Utah
 API #43-013-33191; Lease # UTU-77369

FEDERAL 3-19-9-17

Spud Date: 08/30/07
 Put on Production: 10/15/07
 GL: 5527' KB: 5539'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.48')
 DEPTH LANDED: 324.33' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (5743.28')
 DEPTH LANDED: 5756.53' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 113'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 178 jts (5511.12')
 TUBING ANCHOR: 5493.31' KB
 NO. OF JOINTS: 1 jts (31.42')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5539.53' KB
 NO. OF JOINTS: 2 jts (60.95')
 TOTAL STRING LENGTH: EOT @ 5602.03' KB

SUCKER RODS

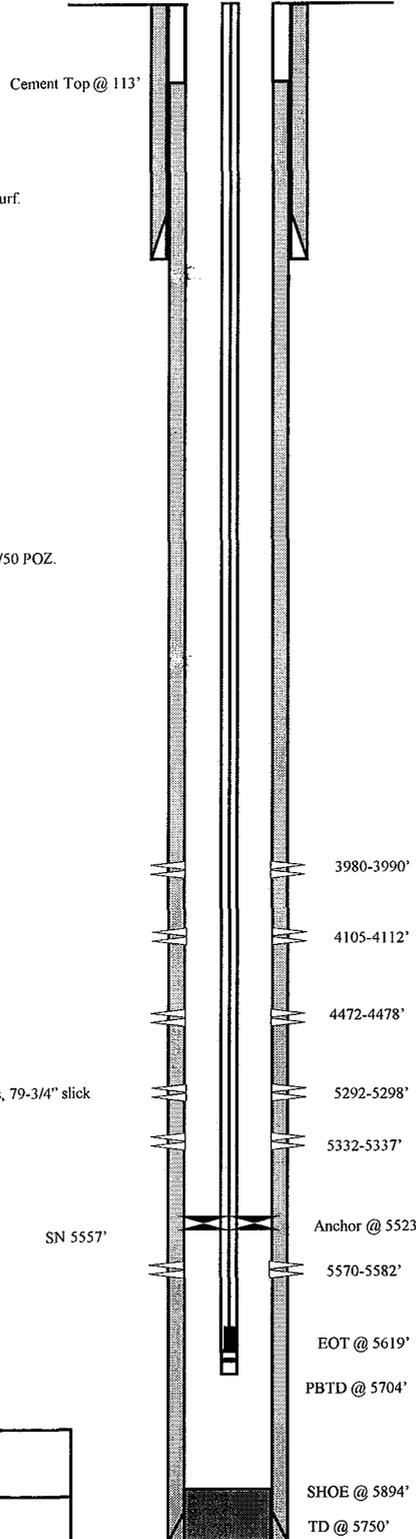
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 3/4 x 4' Pony rod, 1-2', 103-3/4" guided rods, 79-3/4" slick rods, 33-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16x 20' RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, 5 SPM:

FRAC JOB

10/10/07	5755-5790'	Frac CP5 sands as follows: 35225# 20/40 sand in 436 bbls Lightning 17 frac fluid. Treated @ avg press of 1942 psi w/avg rate of 24.8 BPM. ISIP 2019 psi. Calc flush: 5755 gal. Actual flush: 5061 gal.
10/10/07	5292-5337'	Frac CP.5 & CP1 sands as follows: 25321# 20/40 sand in 352 bbls Lightning 17 frac fluid. Treated @ avg press of 2390 psi w/avg rate of 19.9 BPM. ISIP 2054 psi. Calc flush: 5290 gal. Actual flush: 4704 gal.
10/10/07	4472-4478'	Frac D1 sands as follows: 15151# 20/40 sand in 254 bbls Lightning 17 frac fluid. Treated @ avg press of 2012 psi w/avg rate of 24.8 BPM. ISIP 1759 psi. Calc flush: 4470 gal. Actual flush: 3885 gal.
10/10/07	4105-4112'	Frac PB7 sands as follows: 25019# 20/40 sand in 254 bbls Lightning 17 frac fluid. Treated @ avg press of 2423 psi w/avg rate of 24.8 BPM. ISIP 3008 psi. Calc flush: 4103 gal. Actual flush: 3608 gal.
10/10/07	3980-3990'	Frac GB6 sands as follows: 41613# 20/40 sand in 410 bbls Lightning 17 frac fluid. Treated @ avg press of 1648 psi w/avg rate of 24.8 BPM. ISIP 1770 psi. Calc flush: 3980 gal. Actual flush: 3898 gal.
6/16/08		HIT. Rod & tubing updated.

PERFORATION RECORD

10/10/07	5570-5582'	4 JSPF	48 holes
10/10/07	5332-5337'	4 JSPF	20 holes
10/10/07	5292-5298'	4 JSPF	24 holes
10/10/07	4472-4478'	4 JSPF	24 holes
10/10/07	4105-4112'	4 JSPF	28 holes
10/10/07	3980-3990'	4 JSPF	40 holes



NEWFIELD

FEDERAL 3-19-9-17
 454'FNL & 1851' FWL
 NE/NW Section 19-T9S-R17E
 Duchesne Co, Utah
 API #43-013-33190; Lease # UTU-77369

Beluga Federal 13-18-9-17

Spud Date: 7-2-07
 Put on Production: 8-16-07
 GL: 5512' KB: 5524'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (305.63')
 DEPTH LANDED: 317.48' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (5882.26')
 DEPTH LANDED: 5761.83' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Premlite II and 400 sx 50/50 Poz
 CEMENT TOP: 427'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 171 jts (5421.2')
 TUBING ANCHOR: 5433.19' KB
 NO. OF JOINTS: 1 jt (31.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5467.4' KB
 NO. OF JOINTS: 2 jts (61.5')
 TOTAL STRING LENGTH: EOT @ 5530' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rod
 SUCKER RODS: 1-6' x 3/4" pony rod, 100-3/4" guided rods, 74-3/4" sucker rods, 38-3/4" guided rods, 6- 1 1/2" weight bars
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16x 20' 'RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5'

FRAC JOB

8/10/07 5395-5401' RU BJ & frac stage #1 CP sds as follows:
 37,553#'s of 20/40 sand in 452 bbls of Lightning 17 frac fluid. Treated @
 ave pressure of 2070 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. ISIP was
 1915. Actual flush: 4914 gals.

8/10/07 4926-4941' RU BJ & frac stage #2 as follows:
 84,916#'s of 20/40 sand in 662 bbls of Lightning 17 frac fluid. Treated @
 ave pressure of 1950 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was
 1950. Actual flush: 4452 gals.

8/10/07 4424-4431' RU BJ & frac stage #3 as follows:
 20,328#'s of 20/40 sand in 300 bbls of Lightning 17 frac fluid. Treated @
 ave pressure of 1723 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. ISIP was
 1580. Actual flush: 3948 gals.

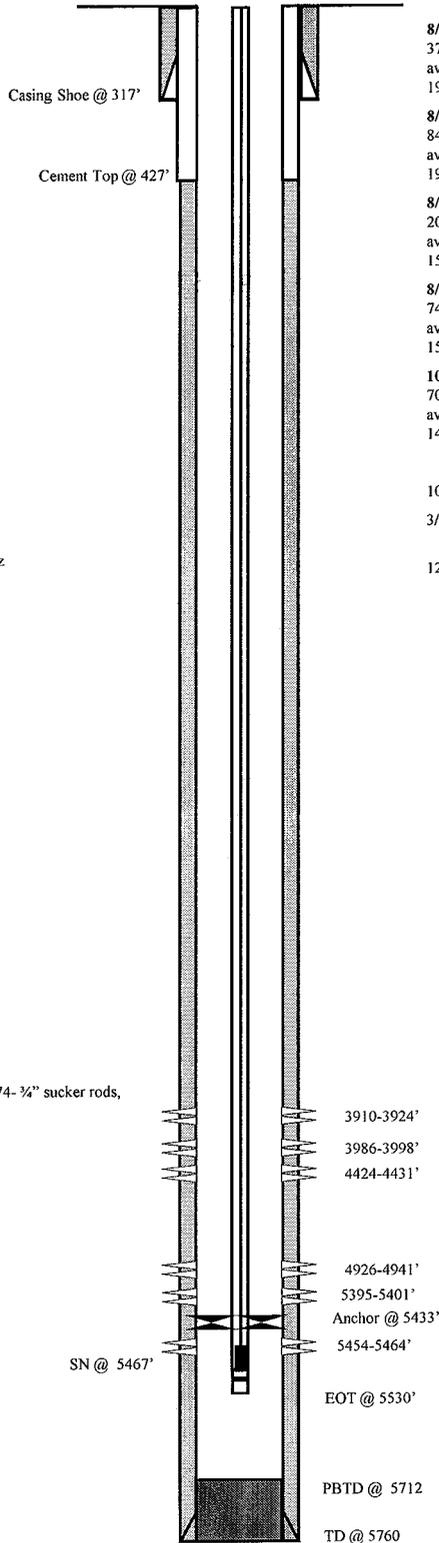
8/10/07 3986-3998' RU BJ & frac stage #4 as follows:
 74,537#'s of 20/40 sand in 592 bbls of Lightning 17 frac fluid. Treated @
 ave pressure of 1535 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was
 1585. Actual flush: 3528 gals.

10/8/07 3910-3924' RU BJ & frac stage #5 as follows:
 70,245#'s of 20/40 sand in 574 bbls of Lightning 17 frac fluid. Treated @
 ave pressure of 1572 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was
 1485. Actual flush: 3822 gals.

10/29/08 Pump Change. Updated rod & tubing details.
 3/31/10 Pump maintenance. Updated rod and tubing
 detail.
 12/5/2010 Pump Change. Update rod and tubing details.

PERFORATION RECORD

8/10/07	3910-3924'	4 JSPF	56 holes
8/10/07	3986-3998'	4 JSPF	48 holes
8/10/07	4424-4431'	4 JSPF	28 holes
8/10/07	4926-4941'	4 JSPF	60 holes
8/10/07	5395-5401'	4 JSPF	24 holes
8/10/07	5454-5464'	4 JSPF	40 holes



Beluga Federal 13-18-9-17
616' FSL and 678' FWL
SW/SW SECTION 18, TOWNSHIP 9S, RANGE 17E
Duchesne Co, Utah
API #43-013-32815; Lease #UTU-72106

Beluga Federal 12-18-9-17

Spud Date: 6-28-07
 Put on Production: 8-6-07
 GL: 5486' KB: 5498'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.61')
 DEPTH LANDED: 324.46' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

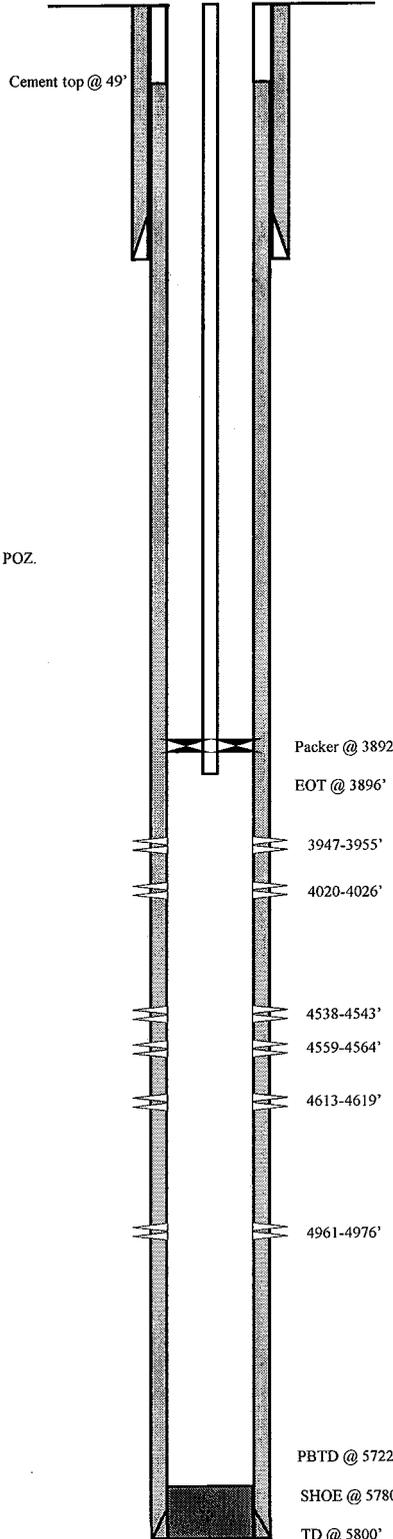
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts (5767.15')
 DEPTH LANDED: 5780.40' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 49'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 121 jts (3875.2')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3887.2' KB
 CE @ 3891.61'
 TOTAL STRING LENGTH: EOT @ 3896' KB

Injection Wellbore Diagram



FRAC JOB

08-02-07	4961-4976'	Frac A3 sands as follows: 95488# 20/40 sand in 741 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 4959 gal. Actual flush: 4452 gal.
08-02-07	4538-4619'	Frac D3, D2, & D1 sands as follows: 27607# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 25 BPM. ISIP 1830 psi. Calc flush: 4536 gal. Actual flush: 4032 gal.
08-02-07	3947-3955'	Frac GB4 sands as follows: 32767# 20/40 sand in 351 bbls Lightning 17 frac fluid. Treated @ avg press of 1927 psi w/avg rate of 24.9 BPM. ISIP 1588 psi. Calc flush: 3945 gal. Actual flush: 3864 gal.
6-28-10	4020-4026'	Frac GB6 sands as follows: 8754# 20/40 sand in 81 bbls Lightning 17 frac fluid.
6-29-10		Convert to Injection well
7-7-10		MIT completed -tbg detail updated

PERFORATION RECORD

07-27-07	4961-4976'	4 JSPF	60 holes
08-02-07	4613-4619'	4 JSPF	24 holes
08-02-07	4559-4564'	4 JSPF	20 holes
08-02-07	4538-4543'	4 JSPF	20 holes
08-02-07	3947-3955'	4 JSPF	32 holes
06-28-10	4020-4026'	3 JSPF	18 holes



Beluga Federal 12-18-9-17

1974' FSL & 659' FWL
 NW/SW Section 18-T9S-R17E
 Duchesne Co, Utah
 API # 43-013-32813; Lease # UTU-72106

FRED MORRIS 19-1-9-17

Put on Production: 5-4-82

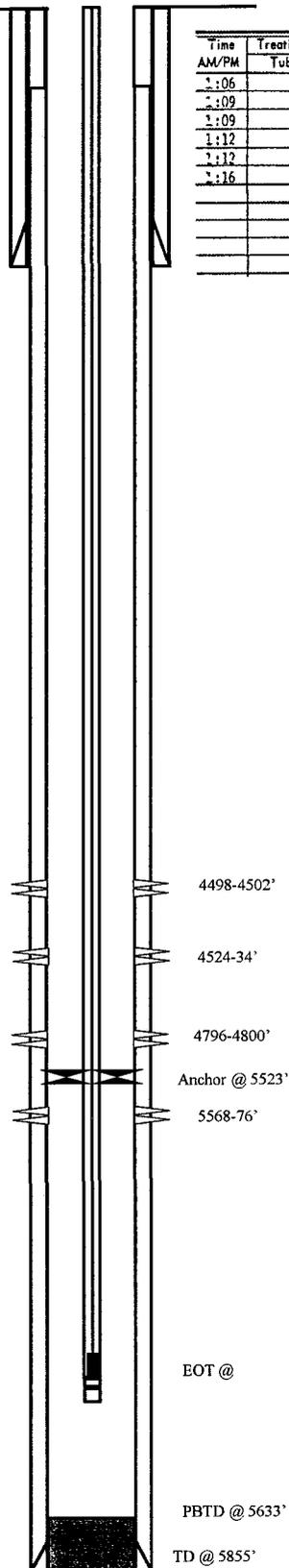
Spud Date: 10-20-81

Wellbore Diagram

FRAC JOB

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	REMARKS	AMOUNT PULLED
8 5/8"		288'	12 1/4"	120' sx w/returns to sur.	"0"
4 1/2"	9.5-155	5855	7 7/8"	1272' sx Type "C" II Staged D.V. Collar @ 2755', 1-28-82	

Time AM/PM	Treating Pressure - Psi		Bbl Fluid Pumped	Inj. Rate BPM	REMARKS-
	Tubing	Casing			
1:06		3200	902	25	Start 4 ppg 20/40.
1:09		3100	974	28	4 ppg 20/40 on formation.
1:09		3100	985	28	Start 4 ppg 10/20.
1:12		3100	1057	28	4 ppg 10/20 on formation.
1:12		3100	1068	28	All frac, start flush.
1:16		1800	1140	0	All flush, shut down.
					ISDP 1800 psi
					5 minute shut-in 1800 psi
					10 minute shut-in 1700 psi
					15 minute shut-in 1600 psi
					20 minute shut-in 1400 psi



NEWFIELD

FRED MORRIS 19-1-9-17

660' FNL & 860' FWL

NW/NW Section 19-T9S-R17E

Duchesne Co, Utah

API #43-013-30587; Lease # UTU-77369

GMBU Q-18-9-17

Spud Date: 12/21/2011

PWOP:01/24/2012

GL: 5516' KB: 5529'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (288.9')
 DEPTH LANDED: 302.22' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 170 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 143 jts. (6013.4') Includes Shoe Jt. (18')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6033.01' KB
 CEMENT DATA: 225 sxs Prem. Lite II mixed & 430 sxs 50/50 POZ.
 CEMENT TOP AT: 104'

TUBING

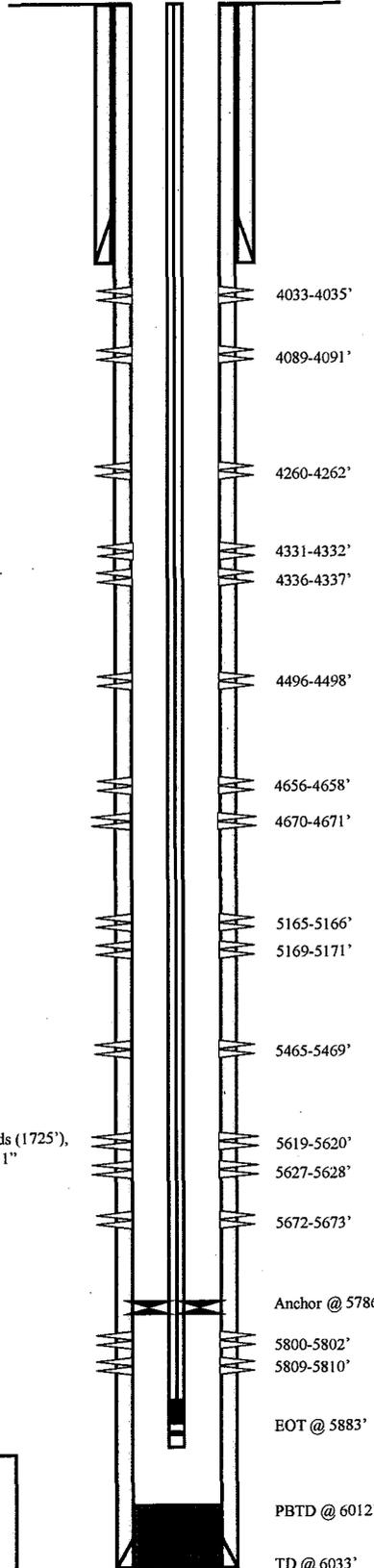
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 186 jts. (5773.2')
 TUBING ANCHOR: 5786.2' KB
 NO. OF JOINTS: 1 jt. (31.3')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5820.3' KB
 NO. OF JOINTS: 2 jts. (61.4')
 NOTCHED COLLAR: 5882.8' KB
 TOTAL STRING LENGTH: EOT @ 5883'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod
 SUCKER RODS: 1 - 7/8" x 4' Pony Rod, 69 - 7/8" 8per Guided Rods (1725'),
 156 - 3/4" 4per Guided Rods (3900'), 5 - 1 1/2" Sinker Bars (125'), 5 - 1"
 Stabilizer Bars (20')
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 21' x 24' RHAC
 STROKE LENGTH: 144"
 PUMP SPEED: 5 SPM

FRAC JOB

01/13/2012	5619-5810'	Frac CP3, CP4 & CP5, sands as follows: Frac with 54996# 20/40 white sand in 442 bbls lightning 17 fluid; 635 bbls total fluid to recover.
01/18/2012	5465-5469'	Frac CP.5, sands as follows: Frac with 14297# 20/40 white sand in 223 bbls lightning 17 fluid; 373 bbls total fluid to recover.
01/18/2012	5165-5171'	Frac LODOC, sands as follows: Frac with 19388# 20/40 white sand in 298 bbls lightning 17 fluid; 421 bbls total fluid to recover.
01/18/2012	4496-4671'	Frac D2 & DS2, sands as follows: Frac with 60086# 20/40 white sand in 465 bbls lightning 17 fluid; 572 bbls total fluid to recover.
01/18/2012	4260-4337'	Frac PB8 & PB10, sands as follows: Frac with 34916# 20/40 white sand in 292 bbls lightning 17 fluid; 394 bbls total fluid to recover.
01/18/2012	4033-4091'	Frac GB4 & GB6, sands as follows: Frac with 48328# 20/40 white sand in 375 bbls lightning 17 fluid; 408 bbls total fluid to recover.



PERFORATION RECORD

5809-5810'	3 JSPF	3 holes
5800-5802'	3 JSPF	3 holes
5672-5673'	3 JSPF	3 holes
5627-5628'	3 JSPF	6 holes
5619-5620'	3 JSPF	3 holes
5465-5469'	3 JSPF	12 holes
5169-5171'	3 JSPF	6 holes
5165-5166'	3 JSPF	3 holes
4670-4671'	3 JSPF	3 holes
4656-4658'	3 JSPF	3 holes
4496-4498'	3 JSPF	6 holes
4336-4337'	3 JSPF	3 holes
4331-4332'	3 JSPF	3 holes
4260-4262'	3 JSPF	6 holes
4089-4091'	3 JSPF	6 holes
4033-4035'	3 JSPF	6 holes

NEWFIELD



GMBU Q-18-9-17

593'FSL & 689' FWL (SW/SW)
 Section 18, T9S, R17E
 Duchesne County, Utah
 API #43-013-50507; Lease # UTU-72106

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

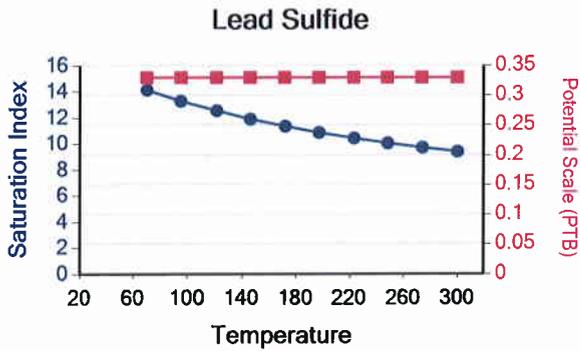
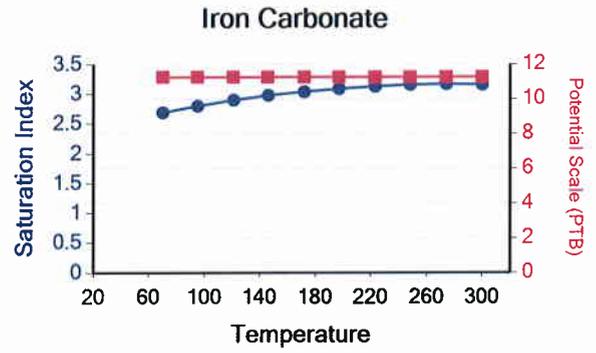
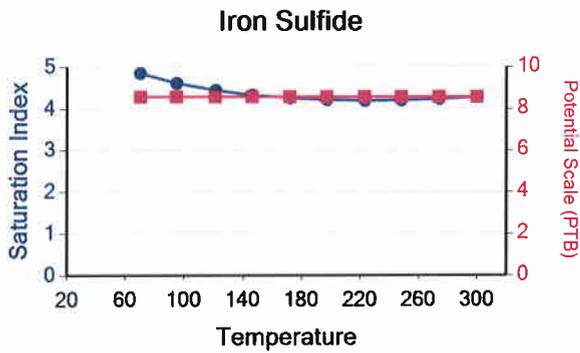
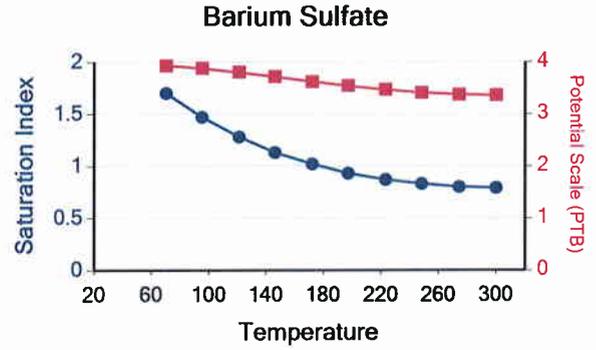
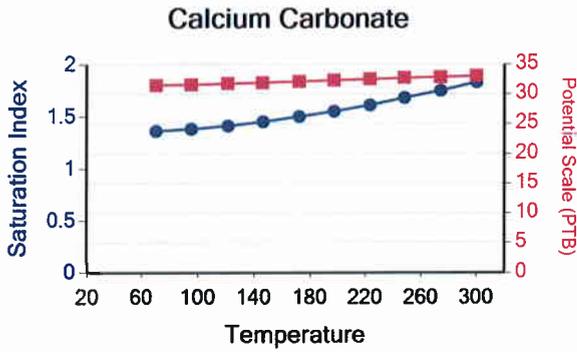
(PTB = Pounds per Thousand Barrels)

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

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: **MON BT 1-24-9-16**

Lab Tech: **Gary Peterson**

Sample Point: **Treater**

Sample Date: **5/15/2012**

Sample ID: **WA-215000**

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:	6/5/2012	Sodium (Na):	13890.43	Chloride (Cl):	20500.00
System Temperature 1 (°F):	160.00	Potassium (K):	30.60	Sulfate (SO4):	6.00
System Pressure 1 (psig):	60.0000	Magnesium (Mg):	2.20	Bicarbonate (HCO3):	1659.20
System Temperature 2 (°F):	160.00	Calcium (Ca):	7.00	Carbonate (CO3):	0.00
System Pressure 2 (psig):	60.0000	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.022	Barium (Ba):	1.30	Propionic Acid (C2H5COO)	0.00
pH:	9.30	Iron (Fe):	0.37	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	36097.19	Zinc (Zn):	0.06	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):	0.00	Manganese (Mn):	0.03	Silica (SiO2):	
H2S in Water (mg/L):	0.00				

Notes:

(PTB = Pounds per Thousand Barrels)

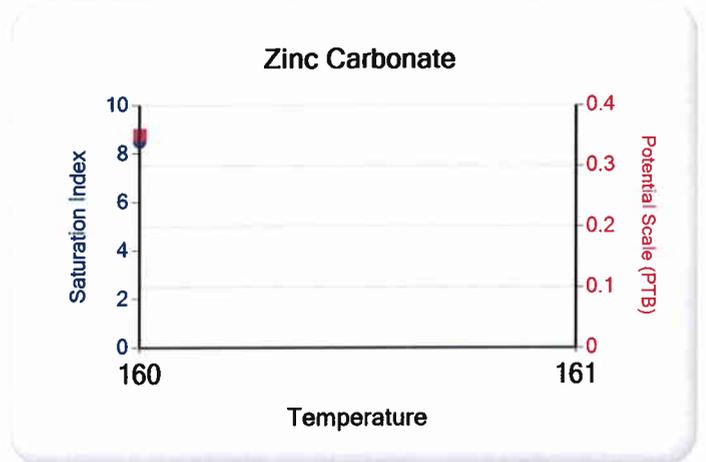
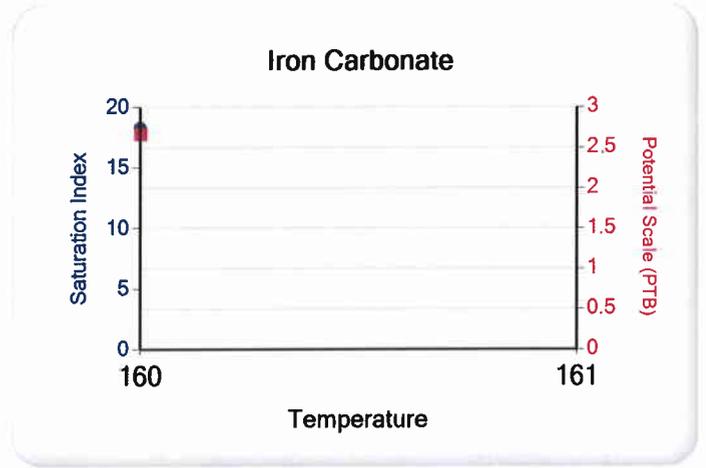
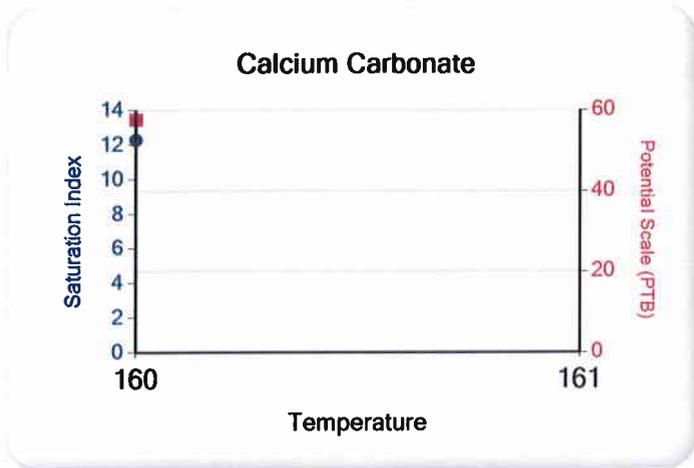
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
160.00	60.00	1.23	5.76	0.00	0.00	0.00	0.00	1.83	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.23	5.76	0.00	0.00	0.00	0.00	1.83	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.23	5.76	0.00	0.00	0.00	0.00	1.83	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.23	5.76	0.00	0.00	0.00	0.00	1.83	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.23	5.76	0.00	0.00	0.00	0.00	1.83	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.23	5.76	0.00	0.00	0.00	0.00	1.83	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.23	5.76	0.00	0.00	0.00	0.00	1.83	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.23	5.76	0.00	0.00	0.00	0.00	1.83	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.23	5.76	0.00	0.00	0.00	0.00	1.83	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.23	5.76	0.00	0.00	0.00	0.00	1.83	0.27	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	0.85	0.04	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	0.85	0.04	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	0.85	0.04	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	0.85	0.04	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	0.85	0.04	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	0.85	0.04	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	0.85	0.04	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	0.85	0.04	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	0.85	0.04	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	0.85	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ATTACHMENT F
H of 4

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



Attachment "G"

**Federal #1-24-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5303	5363	5333	2020	0.81	1986
4902	4920	4911	1785	0.80	1753 ←
4386	4392	4389	1920	0.87	1892
4091	4101	4096	2110	0.95	2083
				Minimum	<u><u>1753</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 1-24-9-16 **Report Date:** Oct. 27, 2007 **Day:** 1
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 324' **Prod Csg:** 5 1/2" @ 5761' **Csg PBTD:** 5679' WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
_____	_____	_____	CP1 sds	5303-5308'	4/20
_____	_____	_____	CP2 sds	5357-5363'	4/24
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 26, 2007 **SITP:** _____ **SICP:** 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5679' & cement top @ 49' Perforate stage #1 as follows: CP2 sds @ 5357-63' & CP1 sds @ 5303-08' w/ 3 1/8" slick gun (19 gram, .49" HE, 120 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 44 shots. RD WLT. SIFN W/ est 136 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 136 **Starting oil rec to date:** _____
Fluid lost/recovered today: 0 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 136 **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	_____
D & M HO trk	_____
Location preparation	_____
NPC wellhead	_____
Benco - anchors	_____
Admin. Overhead	_____
NPC supervision	_____

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

Completion Supervisor: Gary Dietz

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



DAILY COMPLETION REPORT

WELL NAME: Federal 1-24-9-16 **Report Date:** 11-1-2007 **Day:** 2a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 324' **Prod Csg:** 5 1/2" @ 5761' **Csg PBTD:** 5679' WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
_____	_____	_____	CP1 sds	<u>5303-5308'</u>	<u>4/20</u>
_____	_____	_____	CP2 sds	<u>5357-5363'</u>	<u>4/24</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/31/2007 **SITP:** _____ **SICP:** 0

Day2a.

RU BJ Services "Ram Head" frac flange. RU BJ & frac CP sds, stage #1 down casing w/ 14,554#'s of 20/40 sand ir 285 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2885 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2420 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2020. 421 bbls EWTR. Leave pressure on well. **See day2b.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 136 **Starting oil rec to date:** _____
Fluid lost/recovered today: 285 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 421 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

COSTS

Base Fluid used: <u>Lightning 17</u> Job Type: <u>Sand frac</u>	<u>Weatherford Services</u>
Company: <u>BJ Services</u>	<u>C-D trkg frac water</u>
Procedure or Equipment detail: <u>CP1 & CP2 sds down casing</u>	<u>NPC fuel gas</u>
<u>1722 gals w/ Techna Hib & to cross link</u>	<u>BJ Services CP sds</u>
<u>1470 gals of pad</u>	<u>NPC Supervisor</u>
<u>1149 gals w/ 1-4 ppg of 20/40 sand</u>	_____
<u>2295 gals w/ 4-6.5 ppg of 20/40 sand</u>	_____
<u>504 gals of 15% HCL acid</u>	_____
<u>Flush w/ 4830 gals of slick water</u>	_____

Flush called @ blender to include 2 bbls for pump/line volume

Max TP: 2695 **Max Rate:** 24.8 **Total fluid pmpd:** 285 bbls

Avg TP: 2420 **Avg Rate:** 24.8 bpm **Total Prop pmpd:** 14,554#'s

ISIP: 2020 **5 min:** _____ **10 min:** _____ **FG:** .81

Completion Supervisor: Ron Shuck

DAILY COST: _____ \$0

TOTAL WELL COST: _____ \$0



Hof9

DAILY COMPLETION REPORT

WELL NAME: Federal 1-24-9-16 **Report Date:** 11-1-2007 **Day:** 2c
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 324' **Prod Csg:** 5 1/2" @ 5761' **Csg PBTD:** 5679' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4800'
Plug 5020'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP1 sds	5303-5308'	4/20
			CP2 sds	5357-5363'	4/24
B1 sds	4679-4684'	4/20			
B2 sds	4732-4737'	4/20			
A3 sds	4902-4920'	4/72			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/31/2007 **SITP:** _____ **SICP:** 2075

Day2c.

RU WLT. RIH w/ frac plug & 5', 5' perf gun. Set plug @ 4800'. Perforate B2 sds @ 4732-37', B1 sds @ 4679-84' w. 4 spf for total of 40 shots. RU BJ & frac stage #3 w/ 14,920#'s of 20/40 sand in 268 bbls of Lightning 17 frac fluid Open well w/ 2075 psi on casing. Perfs broke down @ 4050 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2070 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage ISIP was 1785. 1380 bbls EWTR. Leave pressure on well. **See day2d.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1112 **Starting oil rec to date:** _____
Fluid lost/recovered today: 268 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1380 **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 & B1 sds down casing
1512 gals w/ Techna Hib & to cross link
1470 gals of pad
1149 gals w/ 1-4 ppg of 20/40 sand
2421 gals w/ 4-6.5 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4200 gals of slick water

COSTS

Weatherford Services
C-D trkg frac water
NPC fuel gas
BJ Services B sds
Lone Wolf B sds

****Flush called @ blender to include 2 bbls for pump/line volume****

Max TP: 2220 **Max Rate:** 24.8 **Total fluid pmpd:** 268 bbls
Avg TP: 2070 **Avg Rate:** 24.8 bpm **Total Prop pmpd:** 14,920#'s
ISIP: 1785 **5 min:** _____ **10 min:** _____ **FG:** .81

Completion Supervisor: Ron Shuck

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

NEWFIELD



ATTACHMENT G-1
5 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 1-24-9-16 Report Date: 11-1-2007 Day: 2d
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 324' Prod Csg: 5 1/2" @ 5761' Csg PBTD: 5679' WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: 4490'
 Plug 5020' 4800'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP1 sds	5303-5308'	4/20
DS3 sds	4386-4392'	4/24	CP2 sds	5357-5363'	4/24
B1 sds	4679-4684'	4/20			
B2 sds	4732-4737'	4/20			
A3 sds	4902-4920'	4/72			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/31/2007 SITP: _____ SICP: 1567

Day2d.

RU WLT. RIH w/ frac plug & 6' perf gun. Set plug @ 4490'. Perforate DS3 sds @ 4732-37' w/ 4 spf for total of 24 shots. RU BJ & frac stage #4 w/ 25,051#'s of 20/40 sand in 339 bbls of Lightning 17 frac fluid. Open well w/ 1567 ps on casing. Perfs broke down @ 3005 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2130 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1920. 1719 bbls EWTR. Leave pressure on well. **See day2e.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1380 Starting oil rec to date: _____
 Fluid lost/recovered today: 339 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1719 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 & B1 sds down casing
1554 gals w/ Techna Hib & to cross link
2478 gals of pad
1915 gals w/ 1-4 ppg of 20/40 sand
3881 gals w/ 4-6.5 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 3906 gals of slick water

COSTS

Weatherford Services
C-D trkg frac water
NPC fuel gas
BJ Services B sds
Lone Wolf B sds

****Flush called @ blender to include 2 bbls for pump/line volume****

Max TP: 2340 Max Rate: 24.8 Total fluid pmpd: 339 bbls
 Avg TP: 2130 Avg Rate: 24.8 bpm Total Prop pmpd: 25,051#'s
 ISIP: 1920 5 min: _____ 10 min: _____ FG: .87

Completion Supervisor: Ron Shuck

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



DAILY COMPLETION REPORT

WELL NAME: Federal 1-24-9-16 **Report Date:** 11-1-2007 **Day:** 2e
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 324' **Prod Csg:** 5 1/2" @ 5761' **Csg PBTD:** 5679' WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4200'
Plug 5020' 4800' 4490'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>PB8 sds</u>	<u>4091-4101'</u>	<u>4/40</u>	<u>CP1 sds</u>	<u>5303-5308'</u>	<u>4/20</u>
<u>DS3 sds</u>	<u>4386-4392'</u>	<u>4/24</u>	<u>CP2 sds</u>	<u>5357-5363'</u>	<u>4/24</u>
<u>B1 sds</u>	<u>4679-4684'</u>	<u>4/20</u>	_____	_____	_____
<u>B2 sds</u>	<u>4732-4737'</u>	<u>4/20</u>	_____	_____	_____
<u>A3 sds</u>	<u>4902-4920'</u>	<u>4/72</u>	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/31/2007 **SITP:** _____ **SICP:** 1550

Day 2e.

RU WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 4200'. Perforate PB8 sds @ 4091-4101' w/ 4 spf for total of 40 shots. RU BJ & frac stage #5 w/ 62,099#'s of 20/40 sand in 499 bbls of Lightning 17 frac fluid. Open well w/ 1550 ps on casing. Perfs broke down @ 1660 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2028 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 2110. 2218 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 7 hours & died w/ 500 bbls rec'd. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2218 **Starting oil rec to date:** _____
Fluid lost/recovered today: 500 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1718 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

COSTS

Base Fluid used: <u>Lightning 17</u> Job Type: <u>Sand frac</u>	Weatherford Services
Company: <u>BJ Services</u>	C-D trkg frac water
Procedure or Equipment detail: PB8 sds down casing	NPC fuel gas
<u>1428 gals w/ Techna Hib & to cross link</u>	BJ Services PB8 sds
<u>4578 gals of pad</u>	Lone Wolf PB8 sds
<u>3000 gals w/ 1-5 ppg of 20/40 sand</u>	C-D trkg water transfer
<u>6000 gals w/ 5-8 ppg of 20/40 sand</u>	_____
<u>1962 gals w/ 8 ppg of 20/40 sand</u>	_____
<u>Flush w/ 3990 gals of slick water</u>	_____
_____	_____
_____	_____

Max TP: 2260 **Max Rate:** 24.8 **Total fluid pmpd:** 499 bbls
Avg TP: 2028 **Avg Rate:** 24.8 bpm **Total Prop pmpd:** 62,099#'s
ISIP: 2110 **5 min:** _____ **10 min:** _____ **FG:** .95
Completion Supervisor: Ron Shuck

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



G-1
7 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 1-24-9-16 **Report Date:** 11-2-2007 **Day:** 3
Operation: Completion **Rig:** Western #2

WELL STATUS

Surf Csg: 8 5/8' @ 324' **Prod Csg:** 5 1/2" @ 5761' **Csg PBTD:** 5679' WL
Tbg: **Size:** 2-7/8" **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 3152' **BP/Sand PBTD:** 4200'
Plug 5020' 4800' 4490'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>PB8 sds</u>	<u>4091-4101'</u>	<u>4/40</u>	<u>CP1 sds</u>	<u>5303-5308'</u>	<u>4/20</u>
<u>DS3 sds</u>	<u>4386-4392'</u>	<u>4/24</u>	<u>CP2 sds</u>	<u>5357-5363'</u>	<u>4/24</u>
<u>B1 sds</u>	<u>4679-4684'</u>	<u>4/20</u>			
<u>B2 sds</u>	<u>4732-4737'</u>	<u>4/20</u>			
<u>A3 sds</u>	<u>4902-4920'</u>	<u>4/72</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1-Nov-07 **SITP:** _____ **SICP:** 275

MIRUSU. Open well w/ 275 psi on casing. RD Cameron BOP's & 5K frc head. Instal 3K production tbg head & Schaefer BOP's. RU bit (used Chomp) & bit sub. Tally & pickup new J-55 tbg, 6.5#, 2-7/8" to leave EOT @ 3152' w. 100 jts tbg. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1718 **Starting oil rec to date:** _____
Fluid lost/recovered today: 18 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1700 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

TUBING DETAIL	ROD DETAIL	COSTS
<u>KB 12.00'</u>	<u>1 1/2" X 26' polished rod</u>	<u>Western Rig</u>
<u>100 2 7/8 J-55 tbg 3152'</u>	<u>x 3/4" pny rods</u>	<u>Weatherford BOP's</u>
<u>TA 2.80' @ ' KB</u>	<u>3/4" guided rods</u>	<u>B&L new-J-55 tbg</u>
<u>2 7/8 J-55 tbg (')</u>	<u>3/4" plain rods</u>	<u>NDSI wtr & trkg</u>
<u>SN 1.10' @ ' KB</u>	<u>20- 3/4" guided rods</u>	<u>Unichem Chemical</u>
<u>2 7/8 J-55 tbg (')</u>	<u>6- 1-1/2" weight rods</u>	<u>NPC sfc equipment</u>
<u>NC .45" @</u>	<u>CDI 2 1/2' X 1 1/2" X 20'</u>	<u>Mecham labor/welding</u>
<u>EOT @</u>	<u>RHAC pump W/ SM plunger</u>	<u>NDSI wtr disposal</u>
		<u>NPC location cleanup</u>
		<u>NDSI trkg rig</u>
		<u>NPC trkg toilet/racks</u>
		<u>Nabors power swivel</u>
		<u>NPC Supervisor</u>
		DAILY COST: _____ \$0
		TOTAL WELL COST: _____ \$0

Completion Supervisor: Ron Shuck

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4041'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 169' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 ½" casing to 373'

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

Federal 1-24-9-16

Spud Date: 10-10-07
 Put on Production: 11-5-07
 GL: 5535' KB: 5547'

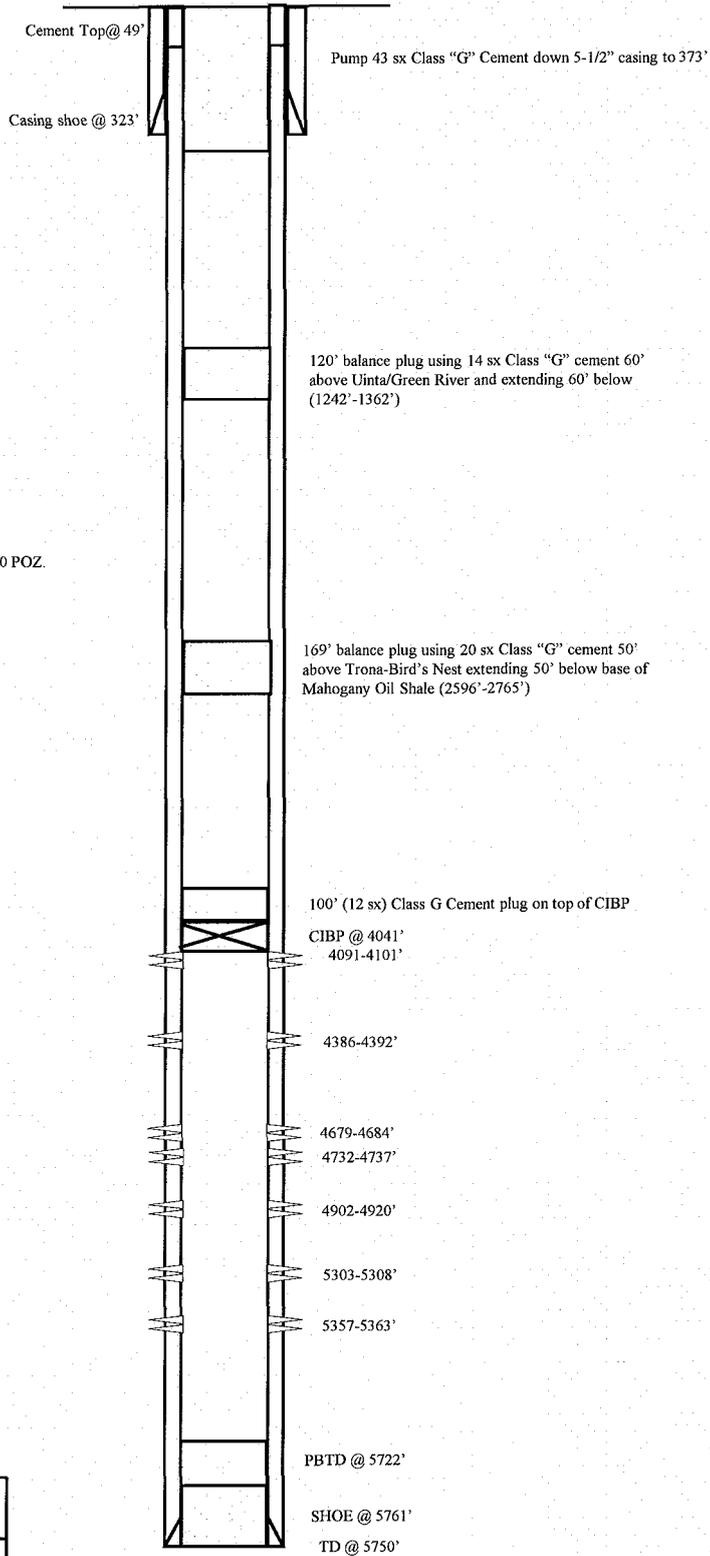
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.69')
 DEPTH LANDED: 323.45'
 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: 148jts. (55748.15')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5761.4'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 49'




<p>Federal 1-24-9-16 537' FNL & 671' FEL NENE Section 24-T9S-R16E Duchesne Co, Utah API #43-013-33082; Lease #UTU-15855</p>

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



Invoice Number	32048	Invoice Date	6/26/2012
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Advertiser No.	2080	Invoice Amount	\$157.05	Due Date	7/26/2012
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RECEIVED

JUL 09 2012

DIV. OF OIL, GAS & MINING

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

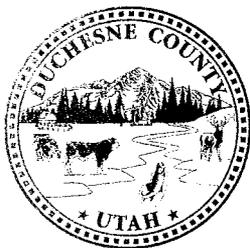
Uintah Basin Standard		DIVISION OF OIL GAS & MINING			Invoice No. 32048	6/26/2012
Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
6/26/2012	16066 UBS	UBS Legal Notice: Notice of Agcy Actn: Cause No. UIC-396 Pub. June 26, 2012				\$157.05
					Sub Total:	\$157.05
					Total Transactions: 1	Total: \$157.05

SUMMARY Advertiser No. 2080 Invoice No. 32048

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!



*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

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-396

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 11, 12, 13, 16, 17, 18, 21, 22, 24, 27, AND 29, 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:

Federal 15-9-9-16 well located in SW/4 SE/4, Section 9, Township 9 South, Range 16 East
API 43-013-33054
Walton Federal 4 well located in SE/4 NW/4, Section 11, Township 9 South, Range 16 East
API 43-013-15795
C-O Govt 1 well located in NW/4 SW/4, Section 12, Township 9 South, Range 16 East
API 43-013-15111
Monument Federal 24-12J well located in SE/4 SW/4, Section 12, Township 9 South, Range 16 East
API 43-013-31409
Federal 15-13-9-16 well located in SW/4 SE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32648
State 1-16-9-16 well located in NE/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33845
Federal 11-17-9-16 well located in NE/4 SW/4, Section 17, Township 9 South, Range 16 East
API 43-013-33034
Federal 15-18-9-16 well located in SW/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-33001
Federal 5-21-9-16 well located in SW/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33020
Federal 11A-22-9-16 well located in NE/4 SW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33149
Federal 1-24-9-16 well located in NE/4 NE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33082
Federal 1-27-9-16 well located in NE/4 NE/4, Section 27, Township 9 South, Range 16 East
API 43-013-33350
Federal 3-29-9-16 well located in NE/4 NW/4, Section 29, Township 9 South, Range 16 East
API 43-013-33425

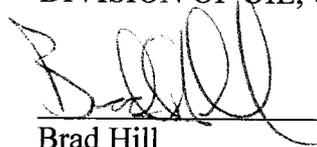
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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 21st 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

**FEDERAL 15-9-9-16, WALTON FEDERAL 4, C-O GOVT 1, MONUMENT FEDERAL 24-12J,
FEDERAL 15-13-9-16, STATE 1-16-9-16, FEDERAL 11-17-9-16, FEDERAL 15-18-9-16,
FEDERAL 5-21-9-16, FEDERAL 11A-22-9-16, FEDERAL 1-24-9-16, FEDERAL 1-27-9-16,
FEDERAL 3-29-9-16**

Cause No. UIC-396

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-396

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-396

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-396

On 6/21/2012 5:41 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-396

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 9:04 AM
Subject: Legal Notice - UIC 396
Attachments: OrderConf.pdf

AD# 802908
Run Trib/DNews - 6/26
Cost \$393.08
Thank you
Mark

Order Confirmation for Ad #0000802908-01

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
E-Mail	earlenerussell@utah.gov	Jean	mfultz

Total Amount	\$393.08			
Payment Amt	\$0.00			
Amount Due	\$393.08	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	UIC 396	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	3.0 X 77 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	06/26/2012	

Order Confirmation for Ad #0000802908-01

Ad Content Proof Actual Size

Order Confirmation for Ad #0000802908-01

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-396

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 11, 12, 13, 16, 17, 18, 21, 22, 24, 27, AND 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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API 43-013-33020
Federal 11A-22-9-16 well located in NE/4 SW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33149
Federal 1-24-9-16 well located in NE/4 NE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33082
Federal 1-27-9-16 well located in NE/4 NE/4, Section 27, Township 9 South, Range 16 East
API 43-013-33350
Federal 3-29-9-16 well located in NE/4 NW/4, Section 29, Township 9 South, Range 16 East
API 43-013-33425

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 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 21st day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/
Brad Hill
Permitting Manager
802908

UPAXLP



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 1, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 1-24-9-16, Section 24, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33082

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 3,729 feet in the Federal 1-24-9-16 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,

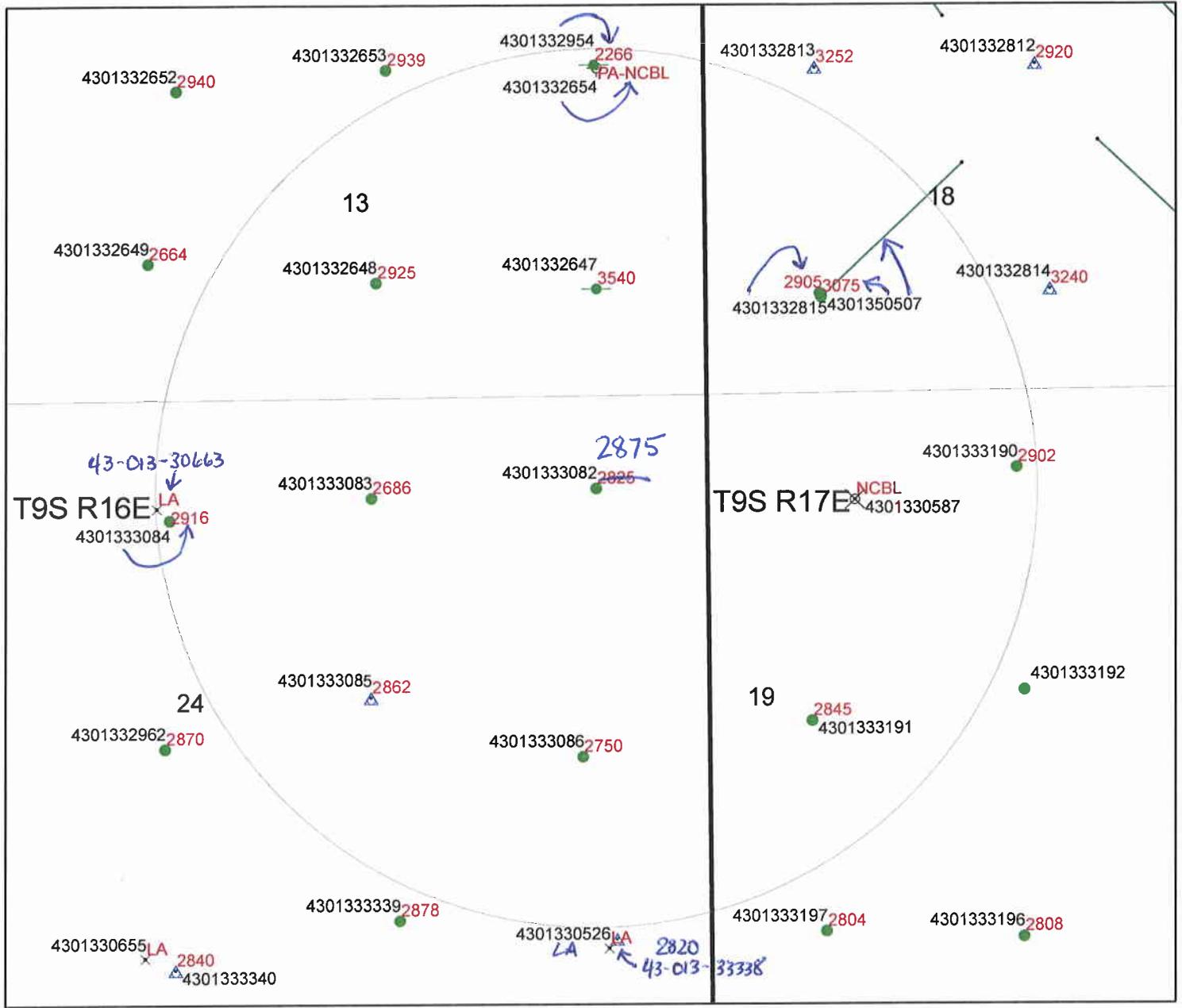
John Rogers
Associate Director

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 1-24-9-16
 API #43-013-33082
 UIC 396.11

Legend

- | | |
|--|---|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_144 | PGW |
| SGID93_ENERGY_DNROilGasWells | POW |
| SGID93.ENERGY.DNROilGasWells | RET |
| GIS_STAT_TYPE | SGW |
| APD | SOW |
| DRL | TA |
| GIW | TW |
| GSW | WDW |
| LA | WIW |
| LOC | WSW |
| OPS | SGID93 BOUNDARIES Counties |
| PA | • SGID93.ENERGY.DNROilGasWells_HDBottom |
| | — SGID93.ENERGY.DNROilGasWells_HDPath |
| | • Wells-CbtopsMaster08_31_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 1-24-9-16

Location: 24/9S/16E **API:** 43-013-33082

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 5,761 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,875 feet. A 2 7/8 inch tubing with a packer will be set at 4,041 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 10 producing wells, 1 new (8/2/2012) injection well, 1 shut-in well, 1 temporarily abandoned well, and 1 P/A well in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. All of the 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 1400 feet. Injection shall be limited to the interval between 3,729 feet and 5,722 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 1-24-9-16 well is 0.80 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,753 psig. The requested maximum pressure is 1,753 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 1-24-9-16

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: 9/25/2012

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 1-24-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 4301333082000	
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: 0537 FNL 0671 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 24 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"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="New Perforations"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/29/2012			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

The subject well has been converted from a producing oil well to an injection well on 11/27/2012. New interval perforated, GB6 sands - 3934-3954' 3 JSPF. On 11/28/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/29/2012 the casing was pressured up to 1425 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 120 psig during the test. There was not an State representative available to witness the test.

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

Date: December 17, 2012

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/6/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 11/29/2012 Time 10:00 am pm
Test Conducted by: Cody Marx
Others Present: _____

Well: <u>Federal 1-24-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NE/NE Sec. 24, T9S, R16E</u> <u>Duchesne County, Utah</u>	API No: <u>43-013-33082</u>

<u>Time</u>	<u>Casing Pressure</u>
0 min	<u>1425</u> psig
5	<u>1425</u> psig
10	<u>1425</u> psig
15	<u>1425</u> psig
20	<u>1425</u> psig
25	<u>1425</u> psig
30 min	<u>1425</u> psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing pressure: 120 psig

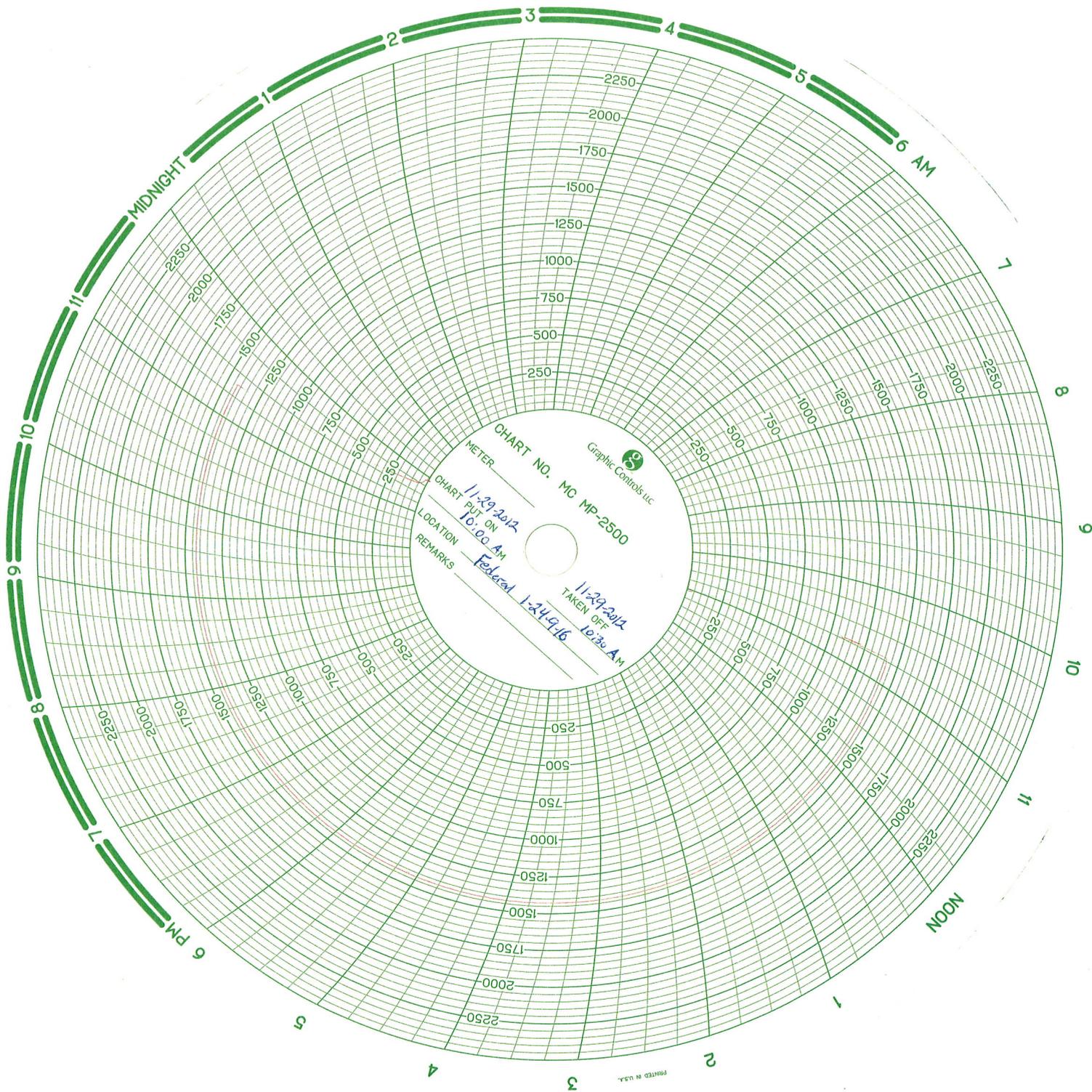
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Cody Marx



Daily Activity Report

Format For Sundry

FEDERAL 1-24-9-16

9/1/2012 To 1/30/2013

11/21/2012 Day: 1

Conversion

WWS #9 on 11/21/2012 - MIRU pump 60 bbl down casing fish out tools - MIRU pump 60 bble down csg@250 ric on rods not all there stack rod sting out fill tbg w. 2 bbl test to 4000psi good POOH w. rods. Rod #182 Had rated coupling TIH w, mouse trap fishing tool unable to latch on Pooh LD mouse TRAP TIH w. Different oveshot 91 rods stacking out on oil hot oiler will have 60 bbl down back side by 700am PA pol rod. - MIRU pump 60 bble down csg@250 ric on rods not all there stack rod sting out fill tbg w. 2 bbl test to 4000psi good POOH w. rods. Rod #182 Had rated coupling TIH w, mouse trap fishing tool unable to latch on Pooh LD mouse TRAP TIH w. Different oveshot 91 rods stacking out on oil hot oiler will have 60 bbl down back side by 700am PA pol rod. - pump 60 bbl down csg @250 TIH w,15 rods stacking out on oil rig up hot oiler pump 60 bbl down csg 250 cont tih latch onto fish pull up unset pump flush down csg 250 con LD to fish 88 3/4 pkin 20-3/4 4 pers 6-1-1/2 wt balls pump wd wh pu on tbg release tac wu bops rd floor tbg work swifn. - pump 60 bbl down csg @250 TIH w,15 rods stacking out on oil rig up hot oiler pump 60 bbl down csg 250 cont tih latch onto fish pull up unset pump flush down csg 250 con LD to fish 88 3/4 pkin 20-3/4 4 pers 6-1-1/2 wt balls pump wd wh pu on tbg release tac wu bops rd floor tbg work swifn.

Daily Cost: \$0

Cumulative Cost: \$15,334

11/26/2012 Day: 3

Conversion

WWS #9 on 11/26/2012 - TOOH w/ tbg. Perferate. TIH w/ frac string. - Held safety meeting & discussed JSA's & location hazards. TIH w/ tbg to set RBP @ 3990'. Set pkr @ 3910'. RU Baker Hughes. Fill annulas w/ 46 bbls & held 50 psi during frac. - Test lines to 7000 psi. Open well w/ 0 psi on casing. Perfs broke @ 3196 psi back to 2490 psi w/ 1.5 bbls @ 4 bpm. Pump 500 gal of 15% HCL acid @ 1319 psi @ 8 bpm. Lost 300 psi when acid hit perfs. Frac @ ave pressure of 2936 psi @ 20 bpm. Frac w/ 39,227#'s of 20/40 sds in 441 bbls of Lightning 17 frac fluid. ISIP was 1692 psi w/ .86FG. Max pressure was 3156 @ 20 bpm. RD Baker Hughes. - Held Safety meeting & discussed JSA's & location Hazards. Open well w/ 0 psi on casing. Hot oiler pumped 40 bbls down tbg. - Held Safety meeting & discussed JSA's & location Hazards. Open well w/ 0 psi on casing. Hot oiler pumped 40 bbls down tbg. - TOOH w/ tbg breaking, doping & inspecting ever pin. LD extra tbg on trailer (49 jts). Flushed w/ 30 bbls half way out. - LD N-80 work string on trailer. SIFN. - LD N-80 work string on trailer. SIFN. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 35' of sand. Release RBP @ 3990'. - Open equalizer & released pkr. Circulate tbg clean. TIH w/ tbg to C/O 35' of sand. Release RBP @ 3990'. - Open well w/ 350 psi on casing. Flow well back on 30/64 choke then no choke for a total of 10 bbls rec'd w/ no sand. - Open well w/ 350 psi on casing. Flow well back on 30/64 choke then no choke for a total of 10 bbls rec'd w/ no sand. - Rig pump broke down. Wait on Hot Oiler. - Rig pump broke down. Wait on Hot Oiler. - Held safety meeting & discussed JSA's & location hazards. TIH w/ tbg to set RBP @ 3990'. Set pkr @ 3910'. RU Baker Hughes. Fill annulas w/ 46 bbls & held 50 psi during frac. - Test lines to 7000 psi. Open well w/ 0 psi on casing. Perfs broke @ 3196 psi back to 2490 psi w/ 1.5 bbls @ 4 bpm. Pump 500 gal of 15% HCL acid @ 1319 psi @ 8 bpm. Lost 300 psi when acid hit perfs. Frac @ ave pressure of 2936 psi @ 20 bpm. Frac w/ 39,227#'s of 20/40 sds in 441 bbls of Lightning 17 frac fluid. ISIP was 1692 psi w/ .86FG. Max pressure was 3156 @ 20 bpm. RD Baker Hughes. - Run Weatherford RBP "TS" 5-1/2", On/Off tool, 2-3/8" x 6' pup jt, pkr "HD" 5-1/2", 1- jts N-80 tbg, SN. Tally, drift & PU 120 jts N-80 tbg off trailer. Leave EOT @ 3828'. SIFN. - Run Weatherford RBP "TS" 5-1/2", On/Off tool, 2-3/8" x 6' pup jt, pkr "HD" 5-1/2", 1- jts N-80

tbg, SN. Tally, drift & PU 120 jts N-80 tbg off trailer. Leave EOT @ 3828'. SIFN. - RU Extreme WLT & lubricator. RIH w/ gauge ring to 2000' & hit oil. RIH & perforate GB6 sds @ 3934-44' & 3950-54' w/ 3 spf for total of 42 shots. RD WLT. - RU Extreme WLT & lubricator. RIH w/ gauge ring to 2000' & hit oil. RIH & perforate GB6 sds @ 3934-44' & 3950-54' w/ 3 spf for total of 42 shots. RD WLT. - TOOH w/ tbg breaking, doping & inspecting ever pin. LD extra tbg on trailer (49 jts). Flushed w/ 30 bbls half way out.

Daily Cost: \$0

Cumulative Cost: \$32,745

11/27/2012 Day: 5

Conversion

WWS #9 on 11/27/2012 - Continue LD tbg. RIH w/ pkr. Test tbg. Test casing. - RD BOP's. Pump 60 bbls pkr fluid. Set pkr @ 3892' w/ 15,000# tension w/ EOT @ 3901'. Test csg & tools to 1500 psi for 30 min. RDMOSU. Well ready for MIT. - RU Wire line entry guide, XN nipple (1.87"), 2-3/8" x 4' pup jt, X/O sub, AS 1 pkr, On-Off tool w/ X nipple (1.87"), SN, 123 jts 2-7/8" tbg. Pump 10 bbls water. Drop 2-7/8" Stand-valve. Pump 15 bbls to test tbg to 3000 psi for 30 min. RU sand line & fish sdv. - - Held safety meeting & discussed JSA's & location hazards. Continue to LD work string on trailer. Hot oiler pumped 10 bbls hot water down csg to keep tbg clean. LD tools.

Daily Cost: \$0

Cumulative Cost: \$128,466

12/3/2012 Day: 6

Conversion

Rigless on 12/3/2012 - Conduct initial MIT - On 11/28/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/29/2012 the casing was pressured up to 1425 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 120 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$201,800

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 1-24-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330820000
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: 0537 FNL 0671 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 24 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: 1/18/2013	<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 checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="Put on Injection"/>

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 1:30 PM on 01/18/2013.

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

FOR RECORD ONLY

January 24, 2013

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/21/2013	

Spud Date: 10-10-07
 Put on Production: 11-5-07
 GL: 5535' KB: 5547'

Federal 1-24-9-16

Injection Wellbore Diagram

SURFACE CASING

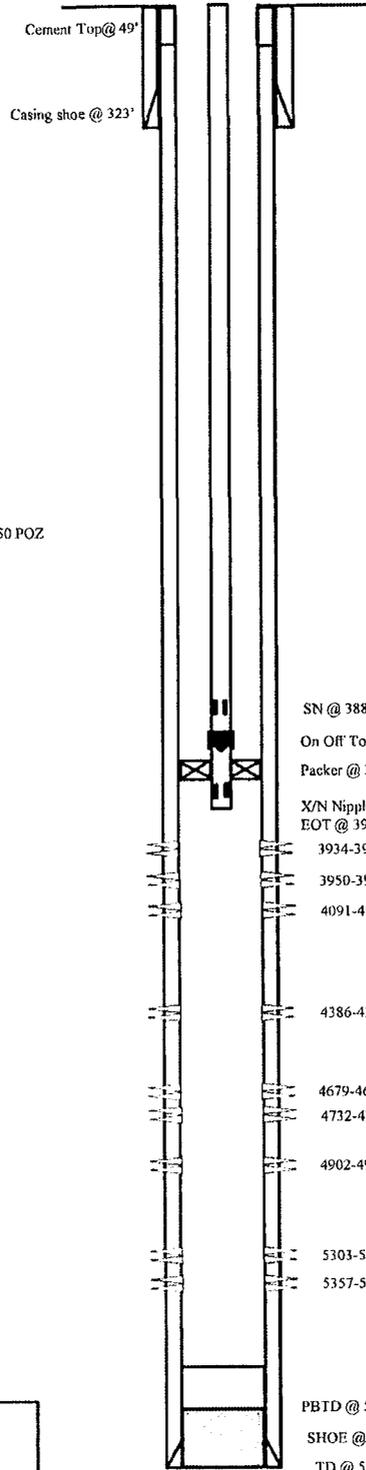
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311 69')
 DEPTH LANDED: 323 45'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15 5#
 LENGTH: 148 jts (55748 15')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5761 4'
 CEMENT DATA: 300 sk Prem Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP AT: 49'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6 5#
 NO OF JOINTS: 169 jts (3886 1')
 SEATING NIPPLE: 2-7/8" (1 10')
 SN LANDED AT: 3886' KB
 ON/OFF TOOL AT: 3887 2'
 ARROW #1 PACKER CE AT: 3892'
 XO 2-3/8 x 2-7/8 J-55 AT: 3895 9'
 TBG PUP 2-3/8 J-55 AT: 3896 4'
 X/N NIPPLE AT: 3900 5'
 TOTAL STRING LENGTH: EOT @ 3902'



FRAC JOB

10-31-07 5303-5363' **Frac CP 1&2 sands as follows:**
 Frac with 14554# 20/40 sand in 285 bbls
 Lightning 17 fluid Treat at 2420 psi @
 24 8 BPM ISIP 2020 psi

10-31-07 4902-4920' **Frac A3 sands as follows:**
 Frac with 89906# 20/40 sand in 691 bbls
 Lightning 17 fluid Treat at 2070psi @
 24 8 BPM ISIP 1785psi

10-31-07 4386-4392' **Frac DS3 sands as follows:**
 Frac with 25051# 20/40 sand in 339
 bbls Lightning 17 fluid Treat at 21300psi
 @ 24 8 BPM ISIP 1920 psi

10-31-07 4091-4101' **Frac PB8 sand as follows:**
 Frac with 62099# 20/40 sand in 499
 bbls Lightning 17 fluid Treat at 2028 psi
 @ 24 8 BPM ISIP 2110 psi

11/26/12 3934-3954' **Frac GB6 sand as follows:**
 Frac with 39227# 20/40 sand in 429 bbls
 Lightning 17 fluid

11/27/2012 **Convert to Injection Well**

11/29/2012 **Conversion MIT Finalized - update tbg
 detail**

PERFORATION RECORD

4091-4101'	4 JSPF	40 holes
4386-4392'	4 JSPF	24 holes
4679-4684'	4 JSPF	20 holes
4732-4737'	4 JSPF	20 holes
4902-4920'	4 JSPF	72 holes
5303-5308'	4 JSPF	20 holes
5357-5363'	4 JSPF	24 holes
3934-3944'	3 JSPF	30 holes 11/21/12
3950-3954'	3 JSPF	12 holes 11/21/12



Federal 1-24-9-16
 537' FNL & 671' FEL
 NENE Section 24-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33082; 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-396

Operator: Newfield Production Company
Well: Federal 1-24-9-16
Location: Section 24, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33082
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on November 1, 2012.
2. Maximum Allowable Injection Pressure: 1,753 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,729' – 5,722')
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


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

