NEWFIELD

November 29, 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 1-30-9-16	**Federal 7-30-9-16**
Federal 2-30-9-16	**Federal 10-30-9-16**
Federal 3-30-9-16	**Federal 11-30-9-16**
Federal 5-30-9-16	**Federal 13-30-9-16**
Federal 6-30-9-16	**Federal 14-30-9-16**
	Federal 15-30-9-16

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 1-30-9-16, 6-30-9-16, 11-30-9-16, 13-30-9-16, 14-30-9-16, and 15-30-9-16 locations are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

Mandie Crozier

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
DEC 1 1 2006
DIV. OF OIL, GAS & MINING

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: UTU-74391

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 3-30-9-16

9. API Well No.: 43-013-33454

1a. Type of Work: [x] DRILL [ ] REENTER

1b. Type of Well: [x] Oil Well [ ] Gas Well [ ] Other [x] 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

10. Field and Pool, or Exploratory: ~~Monument Butte~~ Undesignated

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface NE/NW 749' FNL 2042' FWL 571429X 40.007194
At proposed prod. zone 4428681Y -110.163140

11. Sec., T., R., M., or Blk. and Survey or Area: NE/NW Sec. 30, T9S R16E

14. Distance in miles and direction from nearest town or post office*: Approximatley 15.0 miles southwest of Myton, Utah

12. County or Parish: Duchesne

13. State: UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any): Approx. 2042' f/lse, NA f/unit

16. No. of Acres in lease: 2139.50

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. 1079'

19. Proposed Depth: 5915'

20. BLM/BIA Bond No. on file: UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 6067' GL

22. Approximate date work will start*: 2nd Quarter 2007

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

24. Attachments

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

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

25. Signature: Mandie Crozier — Name *(Printed/Typed)*: Mandie Crozier — Date: 11/28/06

Title: Regulatory Specialist

Approved by *(Signature)*: Bradley G. Hill — Name *(Printed/Typed)*: BRADLEY G. HILL — Date: 12-13-06

Title: Office: 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.

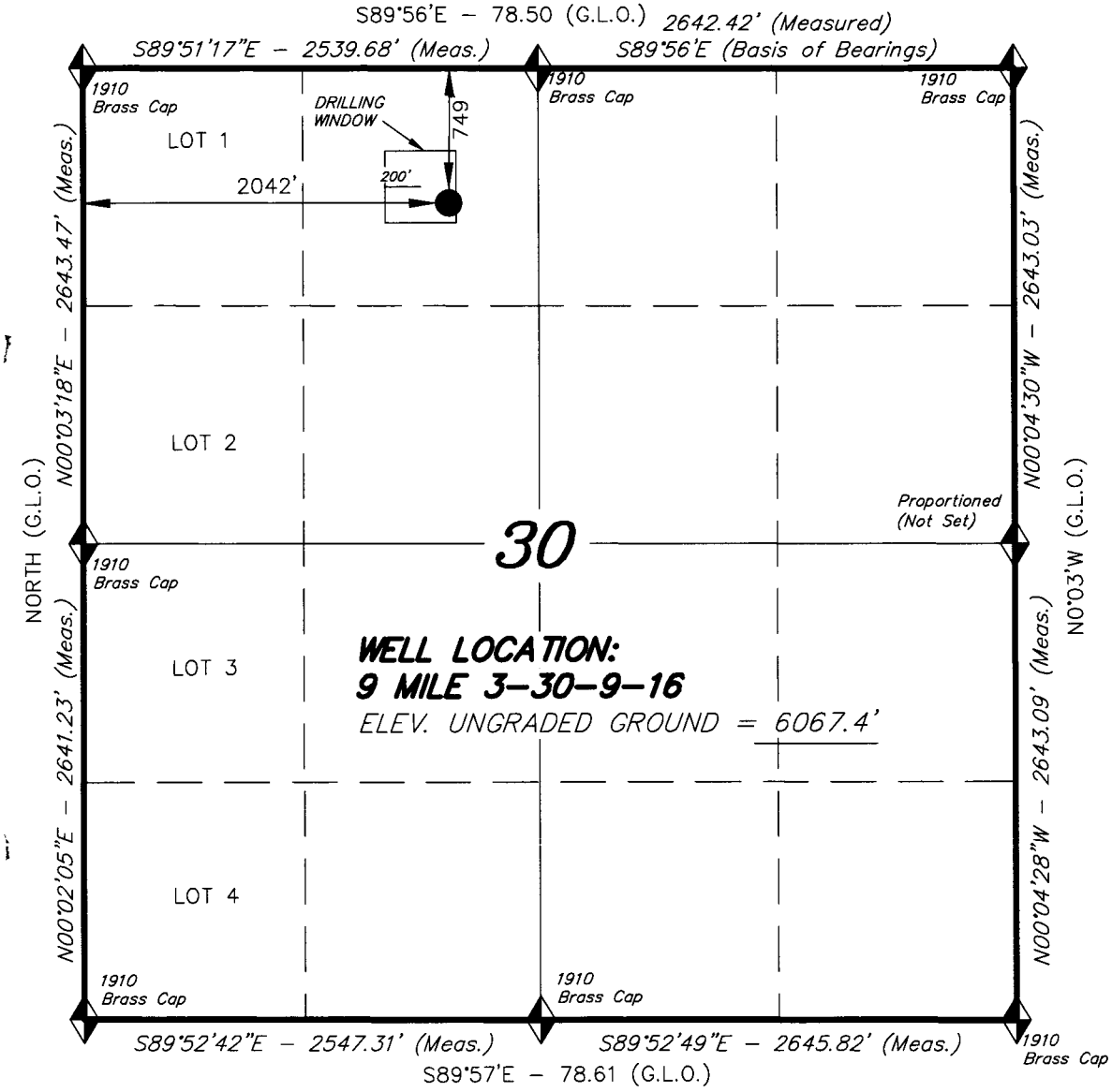
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**(Instructions on reverse)*

Federal Approval of this Action is Necessary

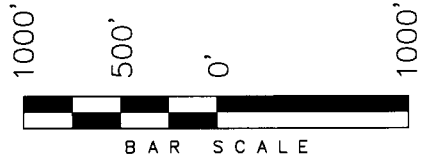
RECEIVED
DEC 11 2006
DIV. OF OIL, GAS & MINING

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



NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 3-30-9-16, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 30, 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.

REGISTERED LAND SURVEYOR No.189377 STATE OF UTAH

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

◆ = SECTION CORNERS LOCATED

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

9 MILE 3-30-9-16
(Surface Location) NAD 83
LATITUDE = 40° 00' 25.51"
LONGITUDE = 110° 09' 49.84"

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

DATE SURVEYED: 09-08-06	SURVEYED BY: C.M.
DATE DRAWN: 09-19-06	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #3-30-9-16
NE/NW SECTION 30, 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' – 2020'
Green River	2020'
Wasatch	5915'

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

Green River Formation 2020' – 5915' - 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 #3-30-9-16
NE/NW SECTION 30, 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 #3-30-9-16 located in the NE 1/4 NW 1/4 Section 30, 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 southwesterly – 11.1 miles ± to it's junction with an existing road to the southeast; proceed southeasterly – 0.4 miles ± to it's junction with the beginning of the proposed access road to the northeast; proceed northeasterly along the proposed access road – 140' ± to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. ***WELL SITE LAYOUT***

See attached Location Layout Diagram.

10. ***PLANS FOR RESTORATION OF SURFACE***

Please refer to the Monument Butte Field SOP.

11. ***SURFACE OWNERSHIP*** - Bureau Of Land Management (Proposed location and access roads leading to).

12. ***OTHER ADDITIONAL INFORMATION***

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #06-175. Paleontological Resource Survey prepared by, Wade E. Miller, 4/26/06. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 140' of disturbed area be granted in Lease UTU-74391 to allow for construction of the planned access road. **Refer to Topographic Map "B".** For the planned access road a temporary width of 60' will be needed for construction purposes with a permanent width of 30' and a running surface of 18'. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 2,700' of disturbed area be granted in Lease UTU-74391 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line and 30' wide upon completion of the proposed gas lines. 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 2,700' of disturbed area be granted in Lease UTU-74391 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Surface Flow Line
For all new wells, Newfield Exploration requests that a 30' Right of way be granted to allow for construction of up to a 14" bundled pipe. **Refer to Topographic Map "D"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

Clearing and Grading: the proposed flow line will be placed on the surface of the ground. As such no grading or clearing will be needed. The flow line will be centered staked every 200 feet prior to the installation. The flow line will be as close to the access road as possible without interfering with the normal road travel, or road maintenance. All flow lines will be buried under roads at crossings and will cross roads only where existing gas pipeline corridors exist.

Installation for portions along existing roads, lengths of pipe will be laid in the barrow ditch, welded together and moved into place. For lines that go cross-country minimal access will be needed only for maintenance purpose. It is in the best interest of Newfield Exploration to avoid wet and saturated ground that would cause ruts greater than 3 inches in depth. Disturbed areas will be reclaimed with in 120 days of the end of the installation.

Termination and final restoration: A notice of abandonment will be filed with the BLM for final recommendations regarding surface reclamation. After abandonment the flow line will be removed, and any surface disturbance will be reclaimed according to the standards and specifics set by the BLM

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
Elk and Deer winter range: No new construction or surface disturbing activities will be allowed Dec. 1st and April 30th.

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)

Saltgrass		*10* lbs/acre
Basin Wild Rye	*Elymus Cinereus*	5 lbs/acre

Details of the On-Site Inspection
The proposed Federal #3-30-9-16 was on-sited on 9/28/06. The following were present; Kim Kettle (Newfield Production), Charley Sharp (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #3-30-9-16 NE/NW Section 30, Township 9S, Range 16E: Lease UTU-74391 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 US Specialty Insurance #B001832.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

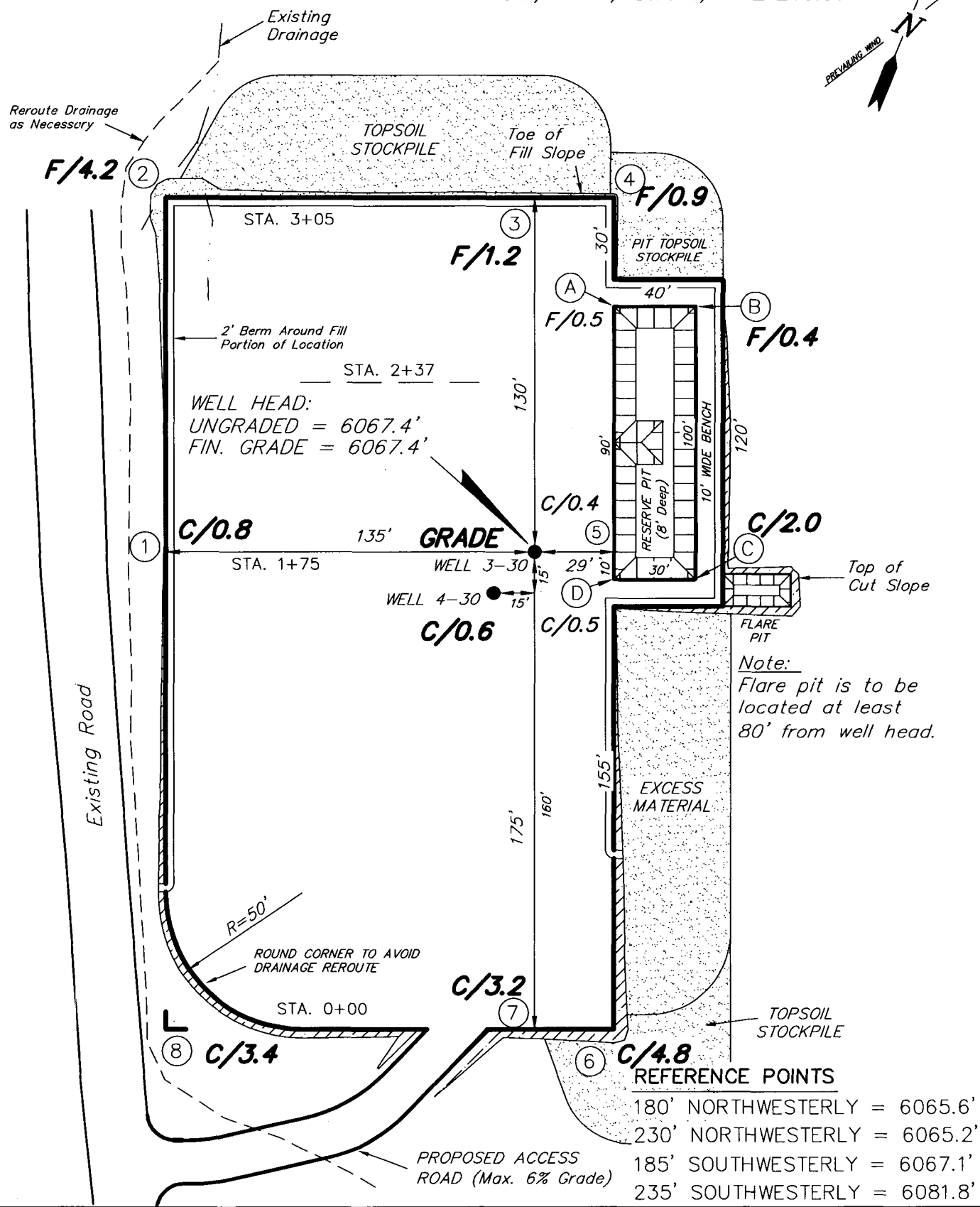
11/28/06
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 3-30-9-16 & 4-30-9-16

Pad Location: NENW Section 30, T9S, R16E, S.L.B.&M.



SURVEYED BY:	C.M.	SCALE:	1" = 50'
DRAWN BY:	T.C.J.	DATE:	09-19-06

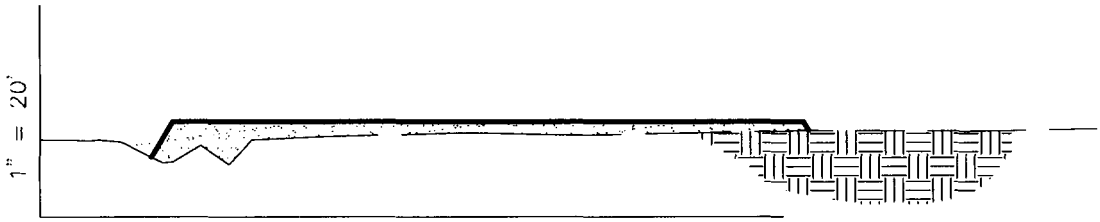
Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

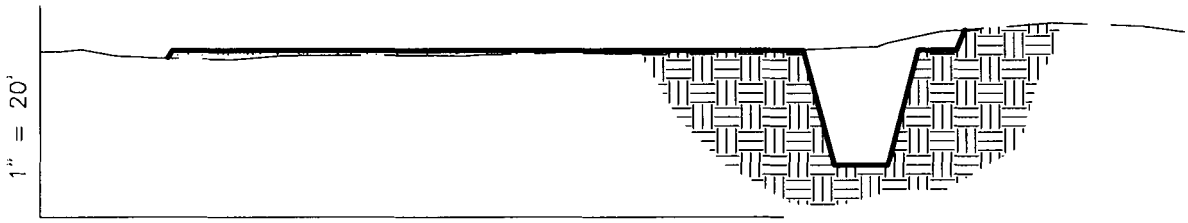
9 MILE 3-30-9-16 & 4-30-9-16

Pad Location: NENW Section 30, T9S, R16E, S.L.B.&M.



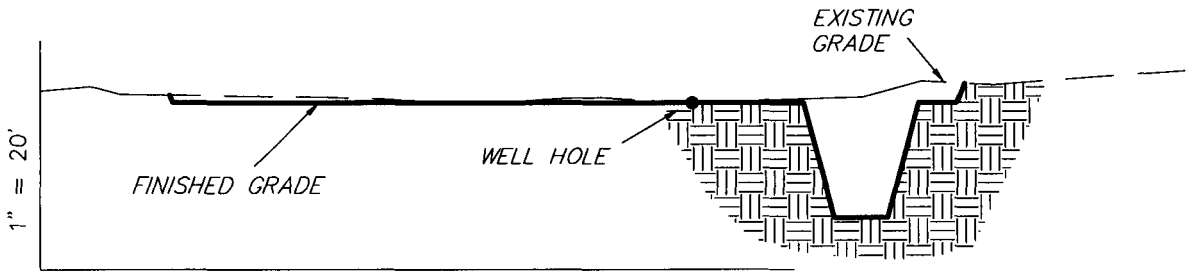
1" = 50'

STA. 3+05



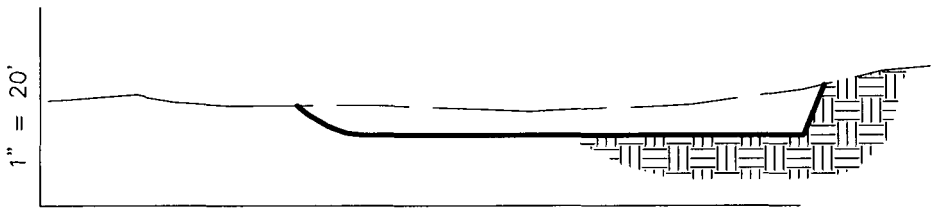
1" = 50'

STA. 2+37



1" = 50'

STA. 1+75



1" = 50'

STA. 0+00

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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,570	900	Topsoil is not included in Pad Cut	670
PIT	580	0		580
TOTALS	2,150	900	1,070	1,250

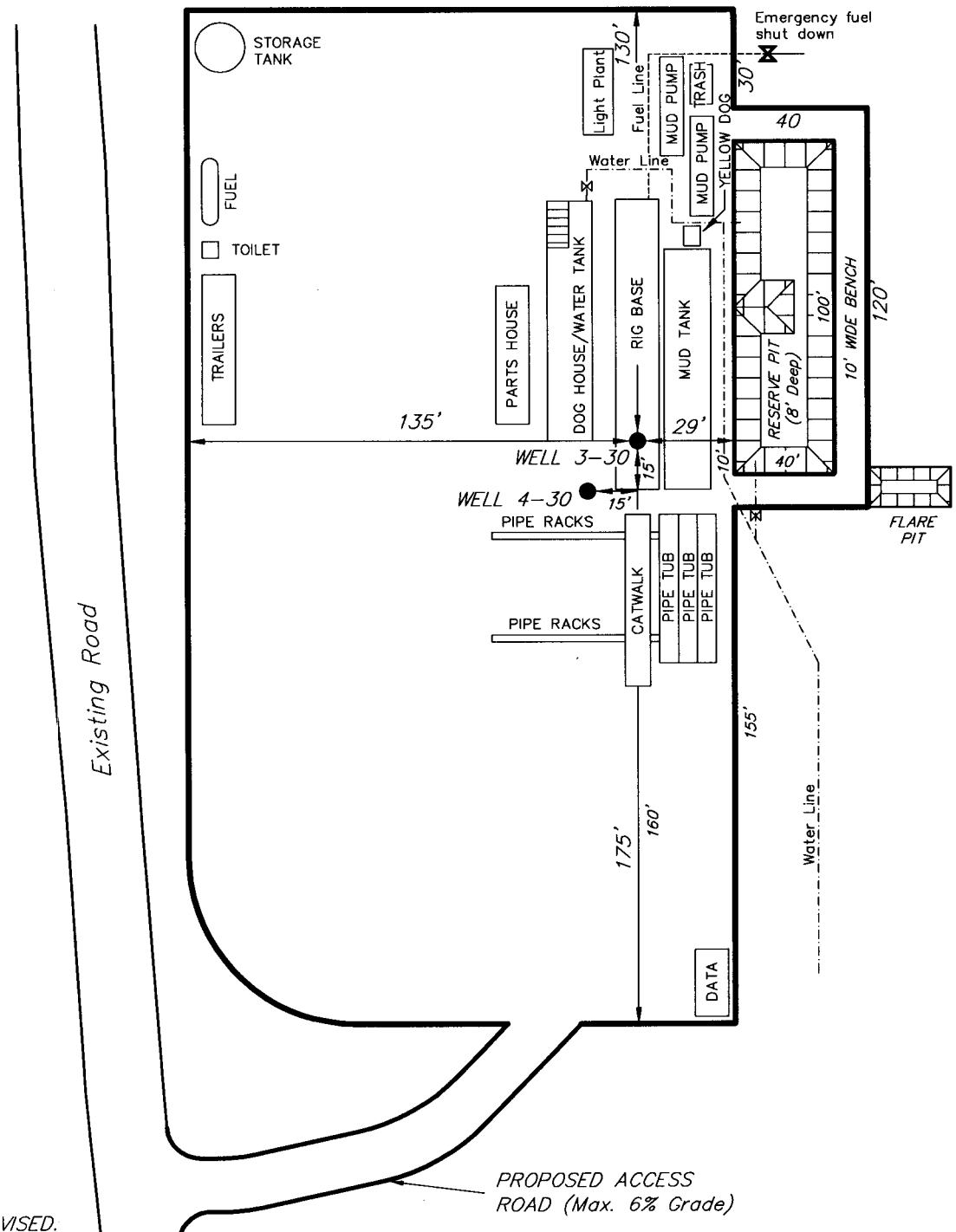
SURVEYED BY: C.M.	SCALE: 1" = 50'	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: T.C.J.	DATE: 09-19-06	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 3-30-9-16 & 4-30-9-16

Pad Location: NENW Section 30, T9S, R16E, S.L.B.&M.



REVISED.

SURVEYED BY: C.M.	SCALE: 1" = 50'	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: T.C.J.	DATE: 09-19-06	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	

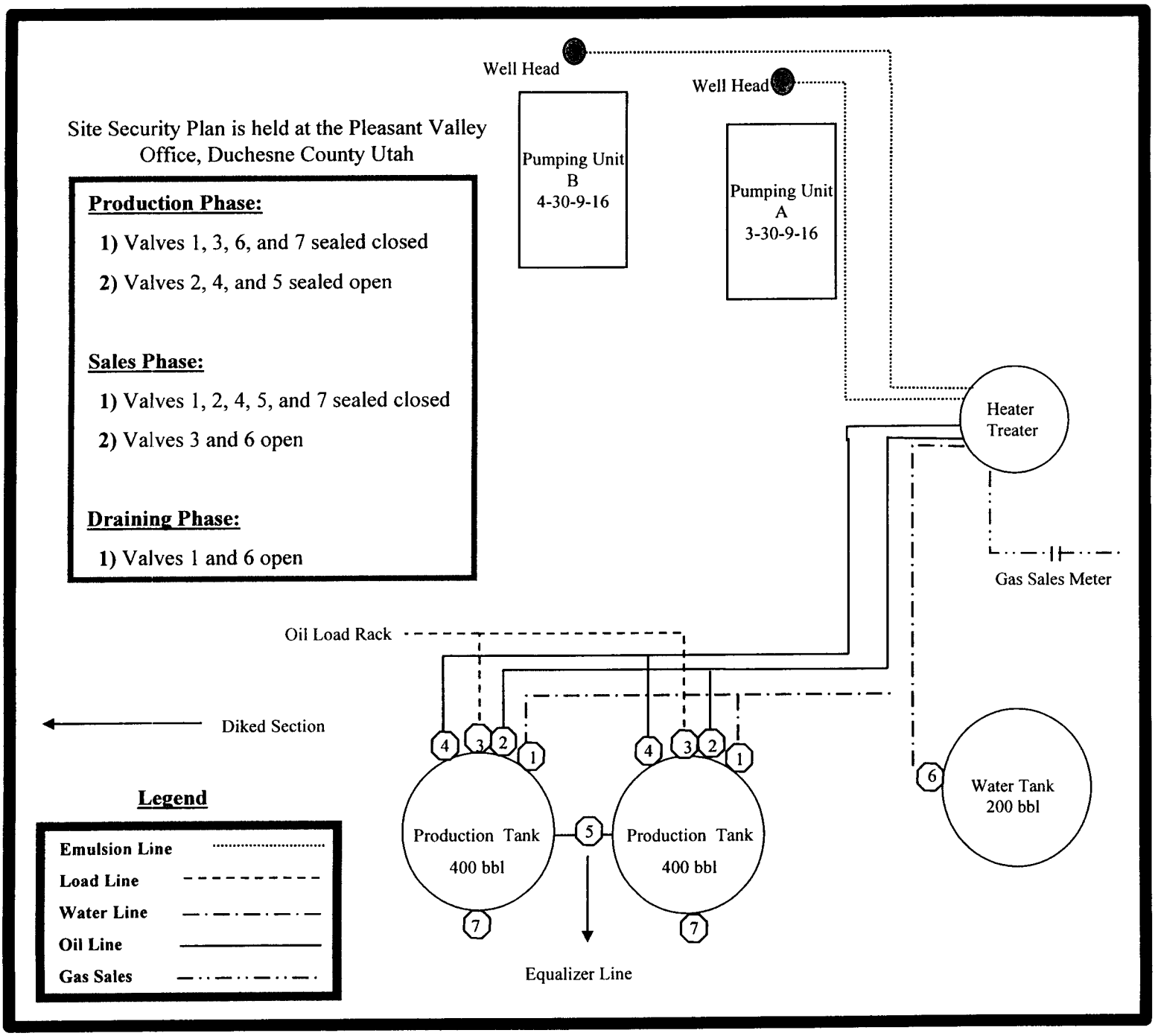
Newfield Production Company
Proposed Site Facility Diagram

Federal 3-30-9-16

NE/NW Sec. 30 T9S, 16E

Duchesne County, Utah

UTU-74391



Site Security Plan is held at the Pleasant Valley Office, Duchesne County Utah

Production Phase:

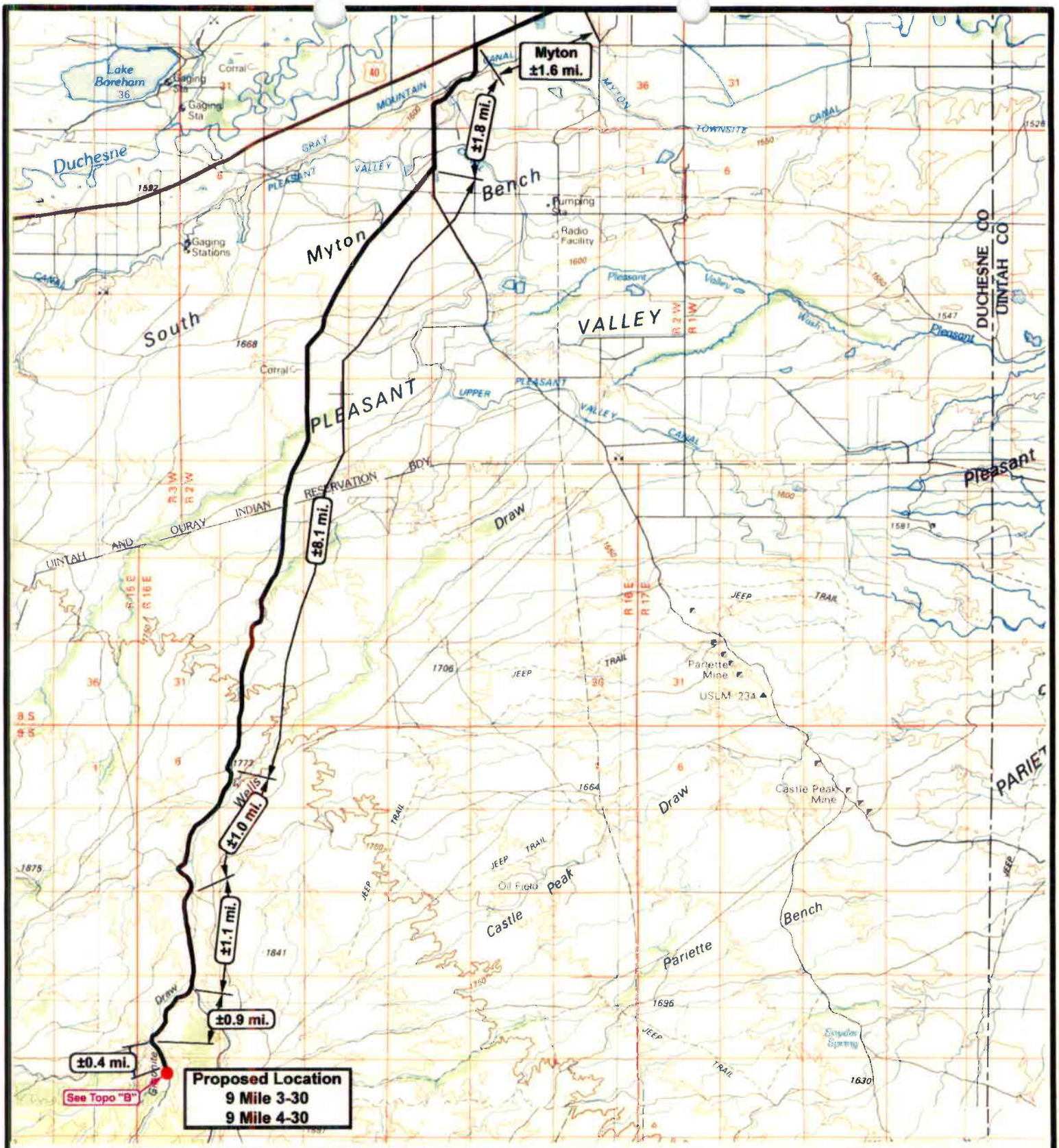
1) Valves 1, 3, 6, and 7 sealed closed
2) Valves 2, 4, and 5 sealed open

Sales Phase:

1) Valves 1, 2, 4, 5, and 7 sealed closed
2) Valves 3 and 6 open

Draining Phase:

1) Valves 1 and 6 open



NEWFIELD
Exploration Company

9 Mile 3-30-9-16
9 Mile 4-30-9-16
Pad Location: NENW of Sec. 30, T9S, R16E, S.L.B.&M.

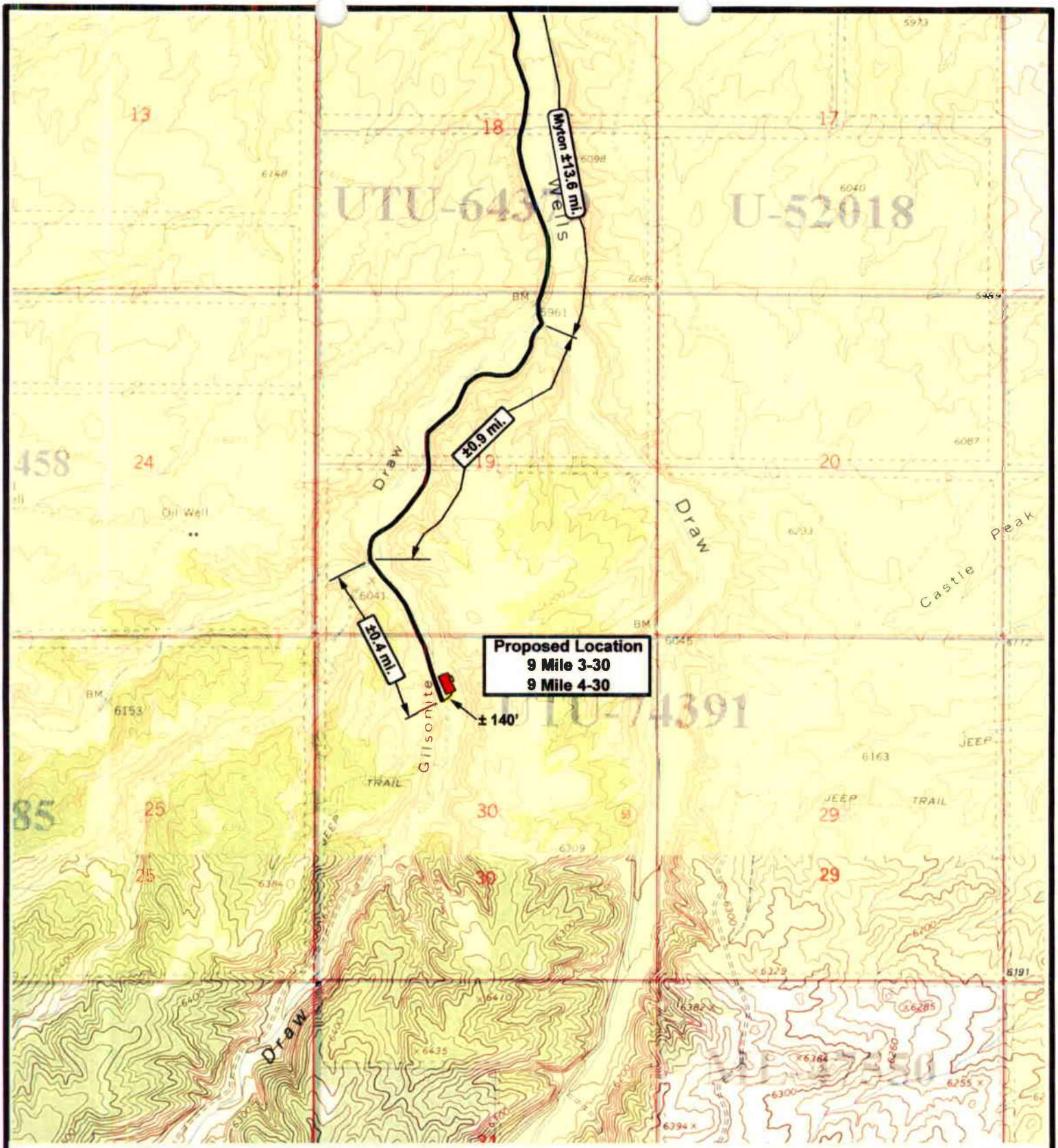
N

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

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 09-20-2006

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 3-30-9-16
9 Mile 4-30-9-16
Pad Location: NENW of Sec. 30, T9S, R16E, S.L.B.&M.

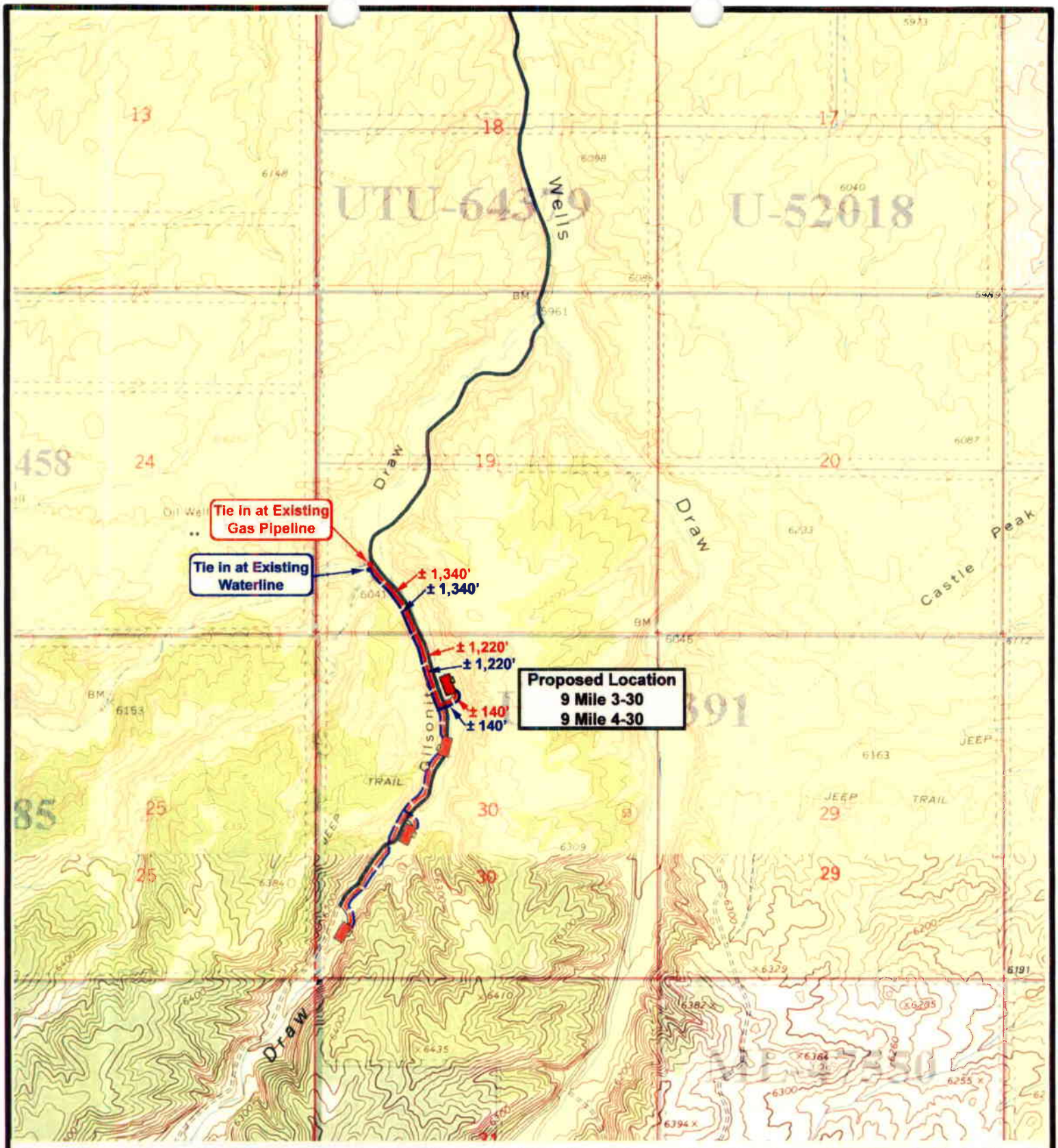
N

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

SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 09-20-2006

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

9 Mile 3-30-9-16
9 Mile 4-30-9-16
Pad Location: NENW of Sec. 30, T9S, R16E, S.L.B.&M.

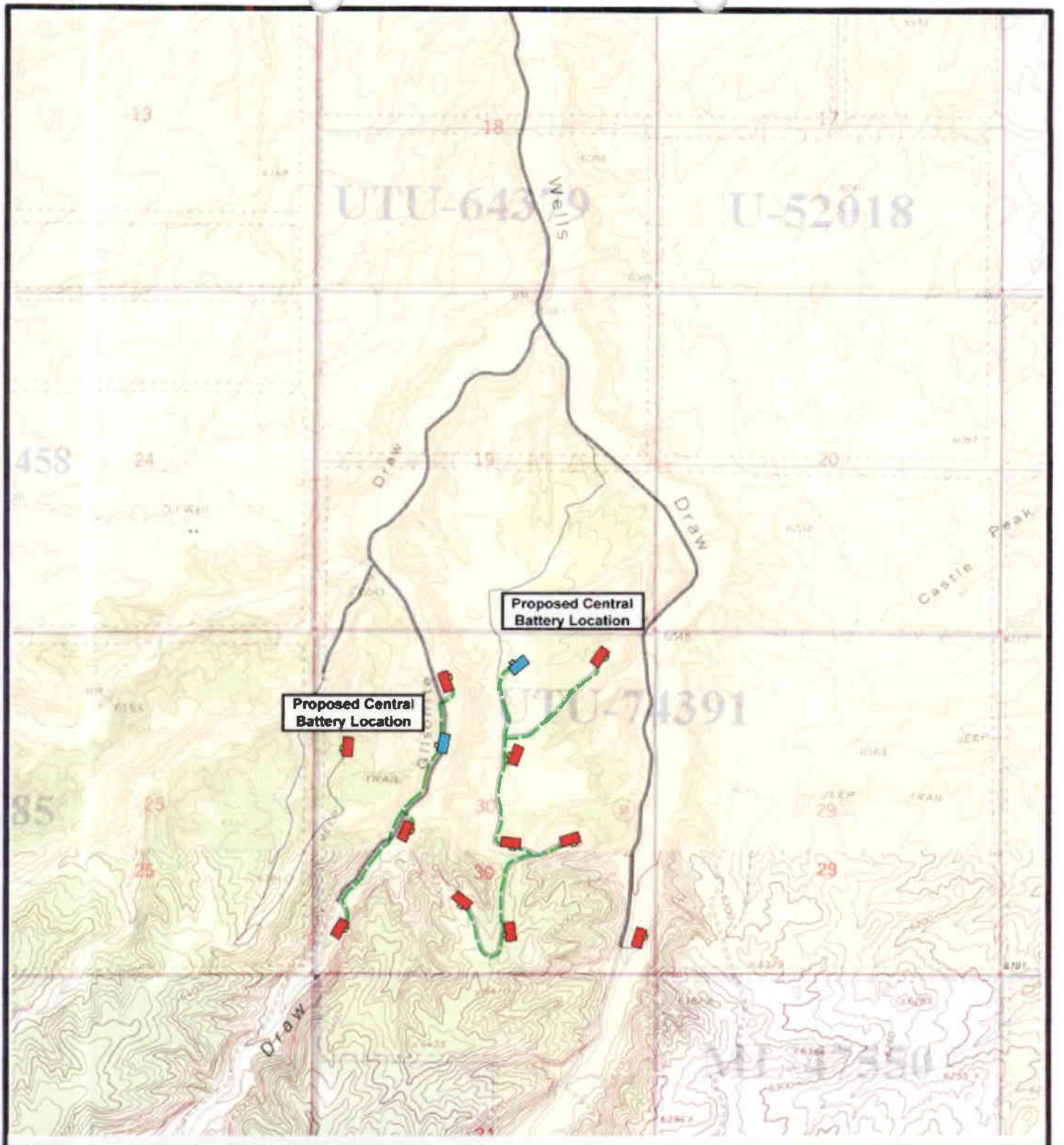
N

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

SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 09-20-2006

Legend
- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP
"C"



NEWFIELD
Exploration Company

SEC. 30, T9S, R16E, S.L.B.&M.

N

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

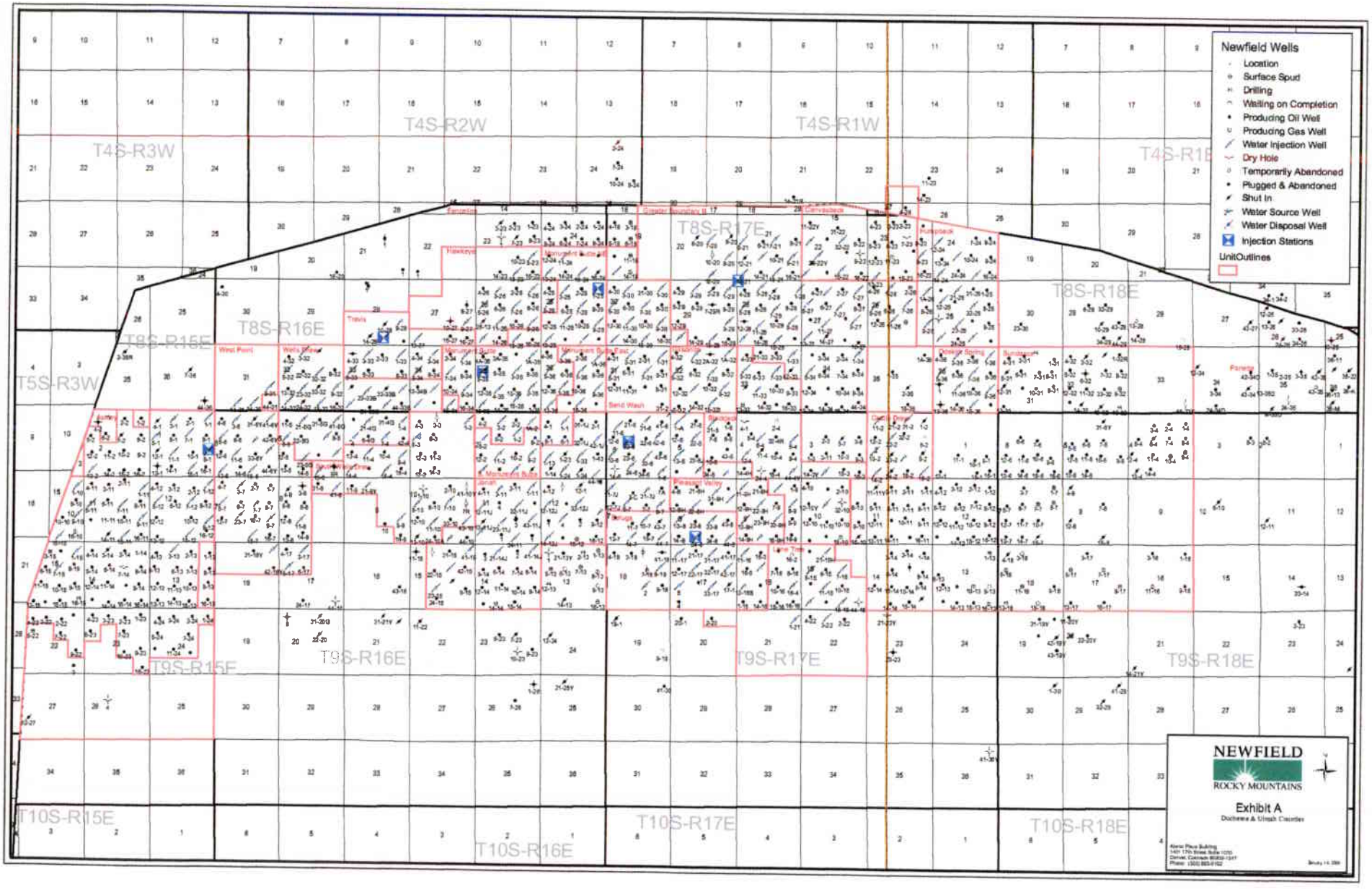
SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 12-01-2006

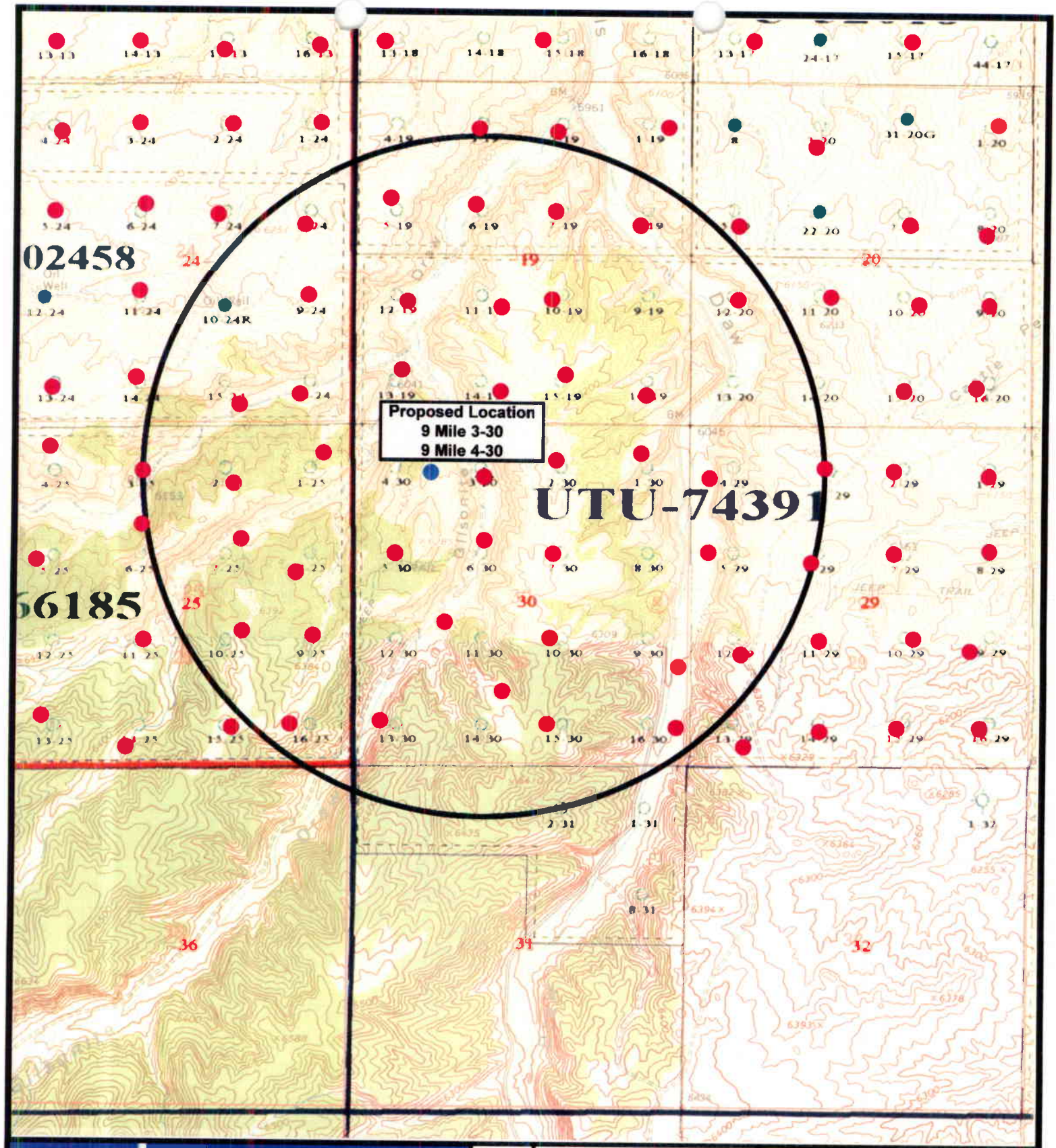
Legend

- Roads
- Proposed Flow Line Bundle
- Proposed Central Battery

TOPOGRAPHIC MAP

"D"


Newfield Wells
Location
Surface Spud
Drilling
Waiting on Completion
Producing Oil Well
Producing Gas Well
Water Injection Well
Dry Hole
Temporarily Abandoned
Plugged & Abandoned
Shut In
Water Source Well
Water Disposal Well
Injection Stations
UnitOutlines
T4S-R3W
T4S-R2W
T4S-R1W
T4S-R1E
T8S-R17E
T8S-R18E
T8S-R16E
T8S-R15E
T5S-R3W
T9S-R15E
T9S-R16E
T9S-R17E
T9S-R18E
T10S-R15E
T10S-R16E
T10S-R17E
T10S-R18E
NEWFIELD
ROCKY MOUNTAINS
Exhibit A
Duchesne & Uintah Counties



NEWFIELD
Exploration Company

9 Mile 3-30-9-16
9 Mile 4-30-9-16
Pad Location: NENW of Sec. 30, T9S, R16E, S.L.B.&M.

N

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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 09-20-2006

Legend
- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

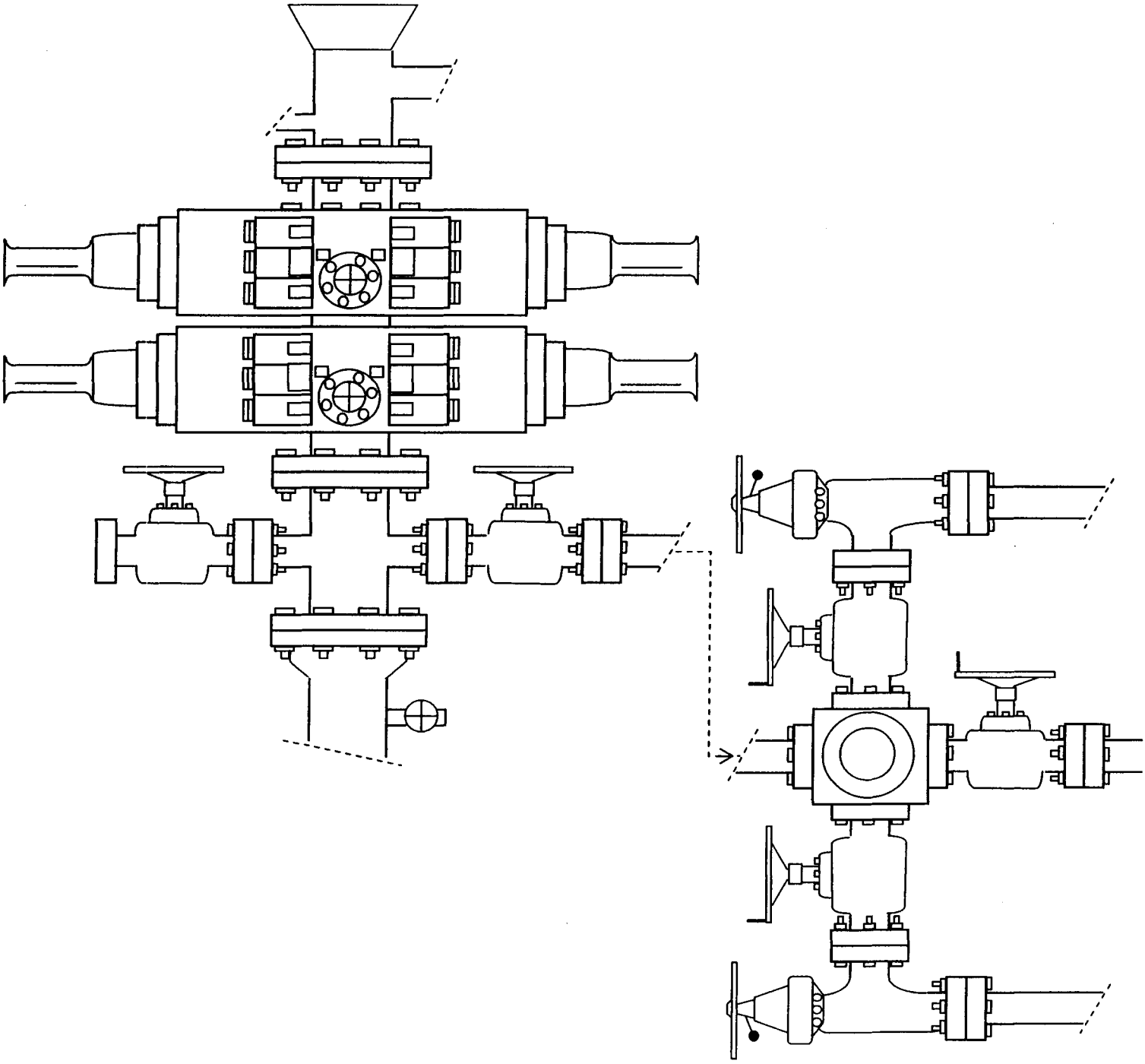


EXHIBIT C

Exhibit "D"
1 of 2

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S BLOCK PARCEL IN TOWNSHIP 9S, RANGE 16E, SECTIONS 27, 28, 29 AND 30 DUCHESNE COUNTY, UTAH

By:

Jenn Mueller

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 06-175

September 8, 2006

United States Department of Interior (FLPMA)
Permit No. 06-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-06-MQ-1111b

2 of 2

NEWFIELD PRODUCTION COMPANY

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

NE 1/4, NW 1/4, Section 33, T 9 S, R 18 E; Section 19, T 9 S, R 17 E [entire section excluding the NW 1/4, NW 1/4]; Section 27, T 9 S, R 16 E [entire section excluding the NW 1/4, NW 1/4], Section 28, T 9 S, R 16 E [entire section]; Section 29, T 9 S, R 16 E [entire section]; Section 30, T 9 S, R 16 E [entire section].

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
April 26, 2006

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/11/2006

API NO. ASSIGNED: 43-013-33454

WELL NAME: FEDERAL 3-30-9-16
OPERATOR: NEWFIELD PRODUCTION (N2695)
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:
NENW 30 090S 160E
SURFACE: 0749 FNL 2042 FWL
BOTTOM: 0749 FNL 2042 FWL
COUNTY: DUCHESNE
LATITUDE: 40.00719 LONGITUDE: -110.1631
UTM SURF EASTINGS: 571429 NORTHINGS: 4428681
FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-74391
SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

R649-2-3.

Unit:

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

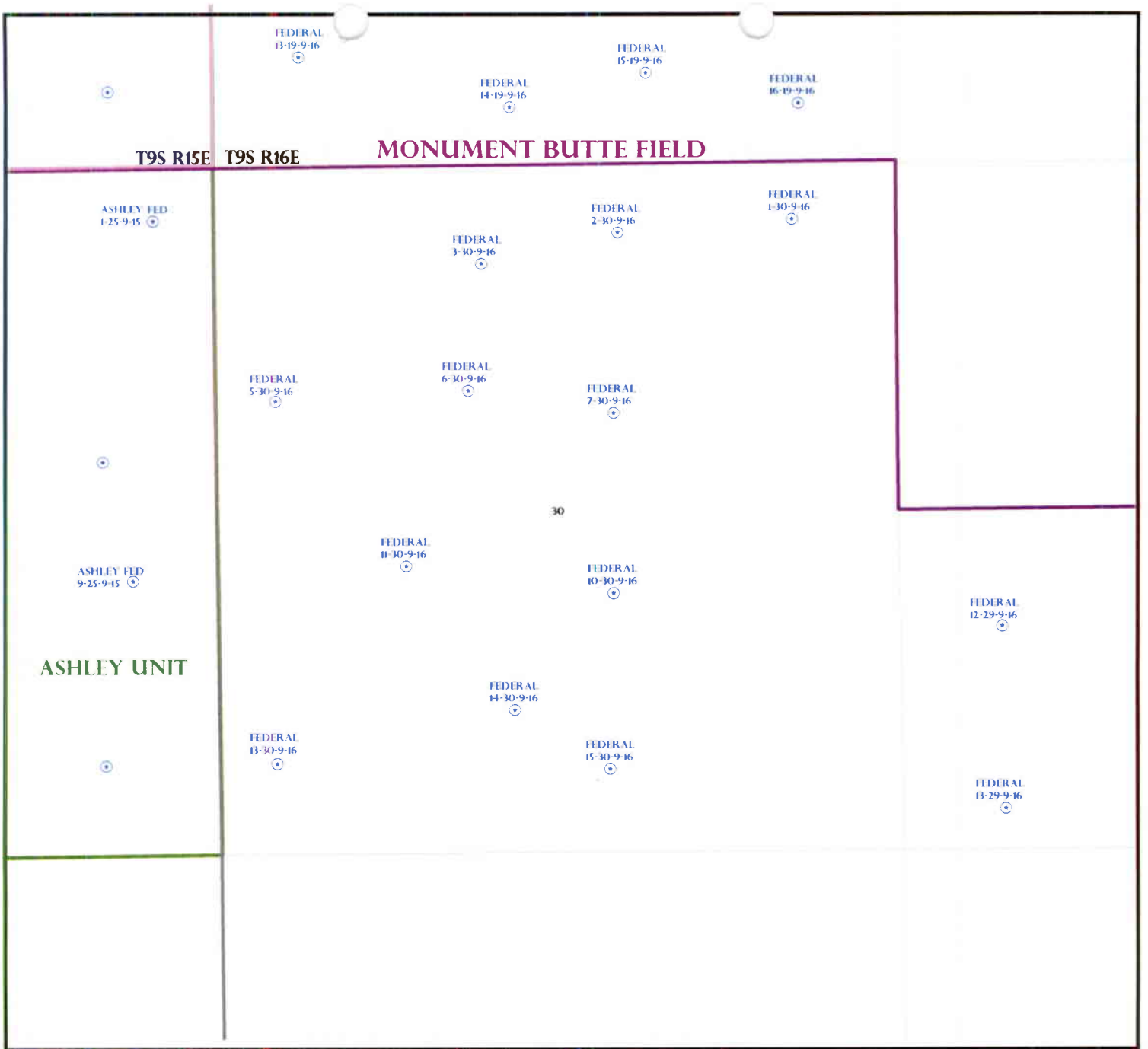
R649-3-3. Exception

Drilling Unit
Board Cause No:
Eff Date:
Siting:

R649-3-11. Directional Drill

COMMENTS: Sep, Separate file

STIPULATIONS: 1- Federal Approval
2- Spacing Stip



OPERATOR: NEWFIELD PROD CO (N2995)

SEC: 30 T.9S R. 16E

FIELD: UNDESIGNATED (002)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Utah Oil Gas and Mining

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

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

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

N
W E
S

PREPARED BY: DIANA MASON
DATE: 12-DECEMBER-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

December 13, 2006

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

Re: Federal 3-30-9-16 Well, 749' FNL, 2042' FWL, NE NW, Sec. 30, 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 43-013-33454.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

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

Operator: Newfield Production Company
Well Name & Number Federal 3-30-9-16
API Number: 43-013-33454
Lease: UTU-74391

Location: NE NW **Sec.** 30 **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.

FORM 3160-5
(June 1990)

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-74391

6. If Indian, Allottee or Tribe Name
NA

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

SUBMIT IN TRIPLICATE

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

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
FEDERAL 3-30-9-16

9. API Well No.
43-013-33454

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

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

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
749 FNL 2042 FWL NE/NW Section 30, T9S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Permit Extension**	[ ] 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 12/13/06 (expiration 12/13/07).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 12-04-07
By: [signature]

COPY SENT TO OPERATOR
Date: 12/5/2007
Initials: [illegible]

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

Signed [signature] Title Regulatory Specialist Date 11/30/2007
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

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

[redacted]

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

Application for Permit to Drill
Request for Permit Extension
Validation

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

API: 43-013-33454
Well Name: Federal 3-30-9-16
Location: NE/NW Section 30,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 12/13/2006

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 ☐

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 ☐

Mandie Crozier
Signature

11/30/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

FORM 3160-5
(June 1990)

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-74391

6. If Indian, Allottee or Tribe Name
NA

SUBMIT IN TRIPLICATE

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

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
FEDERAL 3-30-9-16

9. API Well No.
43-013-33454

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

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

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
749 FNL 2042 FWL NE/NW Section 30, T9S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Permit Extension**	[ ] 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.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 12-02-08
By: [signature]

COPY SENT TO OPERATOR
Date: 12.4.2008
Initials: KS

RECEIVED
DEC 01 2008
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed [signature] Title Regulatory Specialist Date 11/24/2008
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:
CC: Utah DOGM

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

RESET

Application for Permit to Drill
Request for Permit Extension
Validation

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

API: 43-013-33454
Well Name: Federal 3-30-9-16
Location: NE/NW Section 30,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 12/13/2006

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☑

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: Mandie Crozier

Date: 11/24/2008

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED
DEC 01 2008
DIV. OF OIL, GAS & MINING

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED
DEC 11 2006
BLM VERNAL UTAH

5. Lease Serial No.
UTU-74391

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 3-30-9-16

1a. Type of Work: [x] DRILL [ ] REENTER

1b. Type of Well: [x] Oil Well [ ] Gas Well [ ] Other [ ] Single Zone [ ] Multiple Zone

2. Name of Operator
Newfield Production Company

9. API Well No.
43 013 33454

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

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

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface NE/NW 749' FNL 2042' FWL
At proposed prod. zone

11. Sec., T., R., M., or Blk. and Survey or Area
NE/NW Sec. 30, T9S R16E

14. Distance in miles and direction from nearest town or post office*
Approximatley 15.0 miles southwest of Myton, Utah

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2042' f/lse, NA f/unit

16. No. of Acres in lease
2139.50

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. 1079'

19. Proposed Depth
5915'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6067' GL

22. Approximate date work will start*
2nd Quarter 2007

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

24. Attachments

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

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

25. Signature
Mandie Crozier

Name *(Printed/Typed)*
Mandie Crozier

Date
11/28/06

Title
Regulatory Specialist

Approved by *(Signature)*

Name *(Printed/Typed)*
Jerry Kewcka

Date
MAR 19 2009

Title
Assistant Field Manager
Lands & Mineral Resources

Office
VERNAL FIELD OFFICE

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

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

**(Instructions on reverse)*

UDOGM

NOTICE OF APPROVAL

RECEIVED
MAR 23 2009
DIV. OF OIL, GAS & MINING

NO NOS
07PP1485A

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

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**NENW, Sec. 30, T9S, R16E**
Well No:	**Federal 3-30-9-16**	**Lease No:**	**UTU-74391**
API No:	**43-013-33454**	**Agreement:**	**N/A**

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist	Lori Ford	(435) 781-4406	
NRS/Enviro Scientist	David Gordon	(435) 781-4424	
NRS/Enviro Scientist	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist	Chuck Macdonald	435) 781-4441	(435) 828-7481
NRS/Enviro Scientist	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist	Holly Villa	(435) 781-4404	(435) 828-3544
		Fax: (435) 781-3420	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.

- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.

- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs:

NEPA Document number: DOI-BLM-UT-2008-0659-EA
Company/Operator: Newfield Production Company
Well Name & Number: Federal 1-28-9-16, Federal 2-28-9-16, and Federal 3-28-9-16 and 4-28-9-16, Federal 1-29-9-16, Federal 2-29-9-16, Federal 3-29-9-16, and Federal 4-29-9-16, Federal 1-30-9-16, Federal 2-30-9-16, **Federal 3-30-9-16**, and Federal 4-30-9-16
Surface Ownership: BLM

CONDITIONS OF APPROVAL:

Wildlife

Wells 1-30-9-16, 2-30-9-16, **3-30-9-16**, 4-30-9-16, 3-29-9-16, and 4-29-9-16 will be located within Crucial Elk Calving habitat. In order to minimize impacts, no construction, drilling, or other development activity will be allowed from May 15 thru June 30.

If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the survey, permission to proceed may or may not be recommended or granted.

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim and Final Reclamation

Reclamation Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, and trash. Any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1. The reserve pit and the portion of the well not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion, or as soon as environmental conditions allow. The stockpiled pit topsoil will then be spread over the pit area. Seeding shall be implemented in the fall only, between August 15 and December 15. The seed shall be drilled wherever possible. If the seed is aerially broadcasted, then the seed shall be covered immediately (crimped into the topsoil with a bulldozer or other heavy equipment). *Forage Kochia shall be applied to the surface and not covered.* If initial seeding is not successful, reseeding may be required.

Interim and Final Seed mix for wells: 1-28-9-16, 2-28-9-16, 3-28-9-16, 4-28-9-16, 1-29-9-16, 2-29-9-16, 3-29-9-16, 4-29-9-16, 1-30-9-16, and 2-30-9-16.

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	*Elymus elymoides*	3.0	¼ - ½"
Shadscale saltbush	*Atriplex confertifolia*	0.50	½"
Four-wing saltbush	*Atriplex canescens*	0.50	½"
Scarlet globemallow	*Sphaeralcea coccinea*	0.10	⅛ – ¼"
Western wheatgrass	*Pascopyrum smithii*	2.0	½"
Ephraim Crested Wheatgrass	*Agropyron cristatum var. Ephraim*	2.0	½"
Anatone bluebunch wheatgrass	*Agropyron spicatum var. Anatone*	2.0	½"
Ladak Alfalfa	*Medicago sativa var. Ladak*	1.0	½"

Interim and Final Seed mix for wells: 3-30-9-16, 4-30-9-16

Common name	Latin name	lbs/acre	Recommended seed planting depth
Western Wheatgrass	*Pascopyrum smithii*	3.0	¼ - ½"
Ephraim Crested Wheatgrass	*Agropyron cristatum var. Ephraim*	2.0	½"
Ladak Alfalfa	*Medicago sativa var. Ladak*	1.0	½"
Scarlet globemallow	*Sphaeralcea coccinea*	1.0	⅛ – ¼"
Shadscale	*Atriplex confertifolia*	2.0	½"
Fourwing Saltbush	*Atriplex canescens*	2.0	½"
Winterfat	*Ceratoides lanata*	1.0	½"
Forage Kochia2	*Kochia prostrata*	0.5	½"

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

Final reclamation:
Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be re-contoured to natural topography, topsoil shall be re-spread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. *Final seed mix*: same as interim unless otherwise instructed.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

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

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.

    - Well name and number.

    - Well location (¼¼, Sec., Twn, Rng, and P.M.).

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

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion

Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- 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.

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross # 21 Submitted By Justin Crum Phone Number 823-6733
Well Name/Number Federal 3-30-9-16
Qtr/Qtr NE/NW Section 30 Township 9s Range 16e
Lease Serial Number UTU-74391
API Number 43-013-33454

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

Date/Time 5/16/09 9:00
AM ☒ PM ☐

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

☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 5/16/09 2:00 AM ☐ PM ☒

BOPE

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

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

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 QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	12419	4301333690	ASHLEY N-14-9-15	NWSW	14	9S	15E	DUCHESNE	5/13/2009	5/28/09
WELL 1 COMMENTS GRRV				BHL= SENW							
A	99999	17317	4301333063	FEDERAL 2-19-9-16	NWNE	19	9S	16E	DUCHESNE	5/21/2009	5/28/09
GRRV											
A	99999	17318	4301333454	FEDERAL 3-30-9-16	NENW	30	9S	16E	DUCHESNE	5/16/2009	5/28/09
GRRV											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

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

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

RECEIVED
MAY 21 2009
DIV. OF OIL, GAS & MINING

Signature: Jentri Park
Production Clerk
Date: 05/21/09

M 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

5. Lease Serial No.
UTU-74391

6. If Indian, Allottee or Tribe Name.

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

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

8. Well Name and No.
FEDERAL 3-30-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333454

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

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
749 FNL 2042 FWL

NENW Section 30 T9S R16E

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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Spud Notice
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to Injector	☐ Plug Back	☐ Water Disposal	

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

On 5/16/09 MIRU Ross spud rig #29. Drill 325' of 12 1/4" hole with air mist. TIH W/7 Jt's 8 5/8" J-55 24# csgn. Set @ 327.64'. On 5/22/09 Cement with 160 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 3 bbls cement to pit.

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

Title
Drilling Foreman

Signature
Johnny Davis

Date
06/02/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

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

(Instructions on page 2)

RECEIVED
JUN 03 2009
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 327.64

LAST CASING _____ SET AT _____
DATUM 12
DATUM TO CUT OFF CASING _____
DATUM TO BRADENHEAD FLANGE _____
TD DRILLER 325 LOGGER _____
HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
WELL FEDERAL 3-30-9-16
FIELD/PROSPECT MB
CONTRACTOR & RIG # Ross #29

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		Guide shoe				A	0.9
1	8 5/8"	Shoe jt	24	J-55	STC	A	38.79
7	8 5/8"	Csg	24	J-55	STC	A	277
1		Well head				A	0.95

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	317.64	8
LESS NON CSG. ITEMS	1.85	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	315.79	8
TOTAL CSG. DEL. (W/O THRDS)	315.79	8
TIMING		
BEGIN RUN CSG. Spud	4:00 PM	5/16/2009
CSG. IN HOLE	5:00 PM	5/16/2009
BEGIN CIRC	7:28 AM	5/22/2009
BEGIN PUMP CMT	7:38 AM	5/22/2009
BEGIN DSPL. CMT	7:48 AM	5/22/2009
PLUG DOWN	**7:54 AM**	**5/22/2009**

TOTAL LENGTH OF STRING	317.64
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	**327.64**

} COMPARE

GOOD CIRC THRU JOB Yes
Bbls CMT CIRC TO SURFACE 3
RECIPROCATED PIPI No

BUMPED PLUG TO 509

CEMENT USED		CEMENT COMPANY- **BJ**
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class G W/ 2% CACL +1/4#/sk cello flake/ 15.8 ppg/1.17 yield

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Middle first , top of first , top of second, for a total of 3.	

COMPANY REPRESENTATIVE **Johnny Davis** DATE **6/2/2009**

FORM 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

5. Lease Serial No.
UTU-74391

6. If Indian, Allottee or Tribe Name.

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

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

8. Well Name and No.
FEDERAL 3-30-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333454

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

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
749 FNL 2042 FWL

NENW Section 30 T9S R16E

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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Weekly Status Report
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to Injector	☐ Plug Back	☐ Water Disposal	

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

On 6/5/09 MIRU NDSI Rig # 1. 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 notifed of test. PU BHA and tag cement @ 275'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5710'. 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, 152 jt's of 5.5 J-55, 15.5# csgn. Set @ 5704' / KB. Cement with 280 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 45 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 107,000 #'s tension. Release rig @ 1700 on 6/9/09/09.

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

Title
Drilling Foreman

Signature
Justin Crum

Date
06/19/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by ..... Title ..... Date

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

Office

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

(Instructions on page 2)

RECEIVED
JUN 23 2009
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET @ 5704.28

LAST CASING:	8-5/8"	SET @	328
DATUM (KB)	12		
DATUM TO CUT OFF CASING			12
DATUM TO BRADENHEAD FLANGE			12
DRILLER TD	5710	LOGGER TD	5710
HOLE SIZE	7-7/8"	TOP FLOAT COLLAR @	5664.12
		TOP SHORT JT @	3610.8

OPERATOR:	Newfield Production Company
WELL:	Federal 3-30-9-16
FIELD/PROSPECT:	Monument Butte
CONTRACTOR & RIG #:	NDSI #3

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		Landing Jt	15.5#	J-55	8rd	A	14
151	5 1/2"	LT&C CASING	15.5#	J-55	8rd	A	5652.12
1	5 1/2"	FLOAT COLLAR	-	-	-	A	0.6
1	5 1/2"	LT&C CASING	15.5#	J-55	8rd	A	38.91
1	5 1/2"	GUIDE SHOE					0.65

TOTAL LENGTH OF STRING	5706.28
(-) LANDING JT	14
(-) AMOUNT CUTOFF	0
(+) KB ELEVATION	12
CASING SET DEPTH	**5704.28**

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	5706.28	152
LESS NON CSG. ITEMS	15.25	-
PLUS FULL JTS. LEFT OUT	151.19	4
TOTAL	5842.22	156
TOTAL CSG. DEL. (W/O THRDS)	5842.22	156

COMPARE (SHOULD BE EQUAL)

CEMENT DATA		TIME	DATE
BEGIN RUN CSG.		6:30 AM	6/9/2009
CSG. IN HOLE		9:30 AM	6/9/2009
BEGIN CIRC		9:30 AM	6/9/2009
BEGIN PUMP CMT		11:18 AM	6/9/2009
BEGIN DSPL. CMT		12:12 PM	6/9/2009
PLUG DOWN		12:34 PM	6/9/2009

GOOD CIRC THRU JOB:	yes
Bbls CMT CIRC TO SURFACE:	45
RECIPROCATED PIPE:	No
DID BACK PRES. VALVE HOLD ?	y
BUMPED PLUG TO:	2260 PSI

CEMENT USED

CEMENT COMPANY:	BJ	
STAGE	# SX	CEMENT TYPE & ADDITIVES
1 (lead)	275	Premium Lite II cement + 0.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.5 lbs/sack Cello
		Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate
		+ 5 lbs/sack CSE-2 + 204.7% Fresh Water
2 (tail)	400	(50:50) Poz (Fly Ash): Class G Cement + 0.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.5%
		bwoc EC-1 + 0.25 lbs/sack Cello Flake + 0.002 gps FP-6L + 2% bwoc Bentonite + 0.3% bwoc Sodium
		Metasilicate + 54.7% Fresh Water

CENTRALIZER & SCRATCHER PLACEMENT (SHOW MAKE & SPACING)

Centralizers - Middle first, top second & third. Then every third collar for a total of 20.

COMPANY REPRESENTATIVE Don Bastian DATE 6/9/2009

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-74391

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name
NA

7. Unit or CA Agreement Name and No.
FEDERAL

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.
FEDERAL 3-30-9-16

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

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

9. AFI Well No.
43-013-33454

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface 749' FNL & 2042' FWL (NE/NW) SEC. 30, T9S, R16E

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area
SEC. 30, T9S, R16E

At top prod. interval reported below

At total depth 5710'

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
05/16/2009

15. Date T.D. Reached
06/08/2009

16. Date Completed 07/01/2009
☐ D & A ☑ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6067' GL 6079' KB

18. Total Depth: MD 5710'
TVD

19. Plug Back T.D.: MD 5610'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☑ No ☐ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		328'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		5704'		280 PRIMLITE		62'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5396'	TA @ 5303'						

25. Producing Intervals

Formation	Top	Bottom
A) GREEN RIVER		
B) GREEN RIVER		
C) GREEN RIVER		
D) GREEN RIVER		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
(CP3)5339-44,5333-36'	.49"	3	24
(CP1) 5210-5216'	.49"	3	18
(LODC) 4994-5004'	.49"	3	30
(A1) 4708-4718'	.49"	3	30

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

Depth Interval	Amount and Type of Material
5333-5344'	Frac CP3 sds w/ 15,090#'s of 20/40 sand in 186 bbls of Lightning 17 fluid.
5210-5216'	Frac CP1 sds w/ 15,050#'s of 20/40 sand in 276 bbls of Lightning 17 fluid.
4994-5004'	Frac LODC sds w/ 40,814#'s of 20/40 sand in 419 bbls of Lightning 17 fluid.
4708-4718'	Frac A1 sds w/ 55,392#'s of 20/40 sand in 496 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/01/09	07/11/09	24	→	35	37	80			2-1/2" x 1-1/2" x 16' x 20' RHAC Pump

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

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

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28b. Production - Interval C

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

28c. Production - Interval D

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

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MRK	3304'
				GARDEN GULCH 1	3535'
				GARDEN GULCH 2	3645'
				POINT 3	3887'
				X MRKR	4154'
				Y MRKR	4187'
				DOUGALS CREEK MRK	4294'
				BI CARBONATE MRK	4519'
				B LIMESTON MRK	4616'
				CASTLE PEAK	5180'
				BASAL CARBONATE	5619'
				TOTAL DEPTH (LOGGERS)	5706'

32. Additional remarks (include plugging procedure):

STAGE 5: Perforate B2 sds @ 4600-06', B.5 sds @ 4536-40' & C sds @ 4482-86' w/ 3 1/8" slick gun (.49" EH, 19 gram, 120°) w/ 3 spf for total of 42 shots. Frac B2/B.5/C sds w/ 127,786#'s of 20/40 sand in 899 bbls of Lightning 17 fluid.

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

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

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

Name *(please print)* Tammi Lee Title Production Clerk

Signature Tammi Lee Date 08/25/2009

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

(Continued on page 3)

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

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74391

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 [x] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: FEDERAL 3-30-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301333454

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: 749 FNL 2042 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 30, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
Date of Work Completion:	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - Weekly Status Report
08/26/2009	[ ] CONVERT WELL TYPE	[ ] 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 07/02/2009, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE DATE 08/26/2009

(This space for State use only)

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DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 3-30-9-16

5/1/2009 To 9/30/2009

6/19/2009 Day: 1 **Completion**

Rigless on 6/19/2009 - CBL & shot 1st stage. - 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 @ 6255' cement top @ 54'. Perforate stage #1. CP3 sds @ 5339- 44', 5333- 36' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 3 spf for total of 24 shots. RD WL. 135 BWTR. SWIFN.
Daily Cost: $0
Cumulative Cost: $12,084

6/26/2009 Day: 2 **Completion**

Rigless on 6/26/2009 - Frac well. - The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 6' perf gun. Set plug @ 5250'. Perforate CP1 sds @ 5210-16' w/ 3 1/8" slick gun (.49" EH, 19 gram, 120°) w/ 3 spf for total of 18 shots. RU BJ Services. 1503 psi on well. Broke @ 3028 psi. ISIP @ 1629 psi. Pressure dropped below open pressure. Skipped 1 & 4 min shut ins. FG @ .75. Frac CP1 sds w/ 15,050#'s of 20/40 sand in 276 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2375 psi w/ ave rate of 15.8 BPM. ISIP 2103 psi. Skipped 5, 10 & 15 min shut ins. FG @ .84. Leave pressure on well. 697 BWTR. - The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 10' perf gun. Set plug @ 5060'. Perforate LODC sds @ 4994-5004' w/ 3 1/8" slick gun (.49" EH, 19 gram, 120°) w/ 3 spf for total of 30 shots. RU BJ Services. 1682 psi on well. Broke @ 3408 psi. ISIP @ 1914 psi, 1 min @ 1813 psi, 4 min @ 1700 psi. FG @ .82. Frac LODC sds w/ 40,814#'s of 20/40 sand in 419 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2793 psi w/ ave rate of 26.9 BPM. ISIP 2647 psi, 5 min @ 2489 psi, 10 min @ 2442 psi, 15 min @ 2406 psi. FG @ .96. Leave pressure on well. 1116 BWTR. - RU BJ Services. 21 psi on well. Broke @ 3785 psi. ISIP @ 1726 psi, 1 min @ 908 psi, 4 min @ 801 psi. FG @ .76. Frac CP3 sds w/ 15,090#'s of 20/40 sand in 186 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2197 psi w/ ave rate of 21.2 BPM. ISIP 1922 psi, 5 min @ 1731 psi, 10 min @ 1672 psi, 15 min @ 1608 psi. FG @ .79. Leave pressure on well. 421 BWTR. - The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 10' perf gun. Set plug @ 4790'. Perforate A1 sds @ 4708-18' w/ 3 1/8" slick gun (.49" EH, 19 gram, 120°) w/ 3 spf for total of 30 shots. RU BJ Services. 2299 psi on well. Broke @ 3880 psi. Pressure dropped below open pressure. Skipped ISIP & shut ins. Frac A1 sds w/ 55,392#'s of 20/40 sand in 496 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2531 psi w/ ave rate of 27.5 BPM. ISIP @ 2641 psi. FG @ .99. Leave pressure on well. 1612 BWTR. - The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 2- 4', 6' perf guns. Set plug @ 4650'. Perforate B2 sds @ 4600-06', B.5 sds @ 4536-40' & C sds @ 4482-86' w/ 3 1/8" slick gun (.49" EH, 19 gram, 120°) w/ 3 spf for total of 42 shots. RU BJ Services. 1475 psi on well. Broke @ 2632. Pressure dropped below open pressure. Skipped ISIP & shut ins. Frac B2/B.5/C sds w/ 127,786#'s of 20/40 sand in 899 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2359 psi w/ ave rate of 41.4 BPM. ISIP 1964 psi. FG @ .87. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 6.5 hrs. Recovered 900 bbls. 36% of load. SWIFN. 1611 BWTR.
Daily Cost: $0
Cumulative Cost: $143,226

6/30/2009 Day: 3 **Completion**

Nabors #822 on 6/30/2009 - PU tbg. DU CBPs. C/O to PBTD @ 5664'. SWIFN. - MIRU Nabors #822. ND Cameron BOP & 5m frac head. NU 3m production head & Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from pipe rack (tallying & drifting). Tag sand @ 4640'. RU powerswivel & pump. C/O to CBP @ 4650'. DU CBP in 20 min. Cont. RIH w/ tbg. Tag CBP @ 4790'. DU CBP in 30 min. Cont. RIH w/ tbg. Tag CBP @ 5060'. DU CBP in 35 min. Cont. RIH w/ tbg. Tag CBP @ 5250'. DU CBP in 30 min. Cont. RIH w/ tbg. Tag fill @ 5512'. C/O to PBTD @ 5664'. Circulate well clean. RD powerswivel. Pull up to 5534'. SWIFN. 1711 BWTR.
Daily Cost: $0
Cumulative Cost: $156,726

7/1/2009 Day: 4 **Completion**

Nabors #822 on 7/1/2009 - Swab for cleanup. Round trip tbg. PU rods. - RIH w/ swab. SFL @ surface. Made 16 runs. Recovered 150 bbls. Trace of sand. No show of gas. Trace of oil. EFL @ 1200'. RD swab. RIH w/ tbg. Tag PBTD @ 5664'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 172 tbg. ND BOP. Set TAC @ 5300' w/ 18,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ Central Hydraulic 2 1/2" x 1 1/2" x 20' RHAC rod pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 88- 3/4" slick rods, 99- 3/4" guided rods, 1 1/2" x 26' polished rod. SWIFN. 1771 BWTR.
Daily Cost: $0
Cumulative Cost: $162,656

7/2/2009 Day: 5 **Completion**

Nabors #822 on 7/2/2009 - Put well on production. - Stroke test to 800 psi w/ rig. Good pump action. RU pumping unit. Hang off rods. RD. Put well on production @ 9:00 a.m. 4 spm. Final Report. **Finalized**
Daily Cost: $0
Cumulative Cost: $187,604

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-74391

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 3-30-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013334540000

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: 0749 FNL 2042 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 30 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

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 10/1/2013
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: 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 09/30/2013. New intervals perforated, D2 sands - 4377-4384' 3 JSPF & GB sands - 3872-3881' 3 JSPF. On 09/30/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/01/2013 the casing was pressured up to 1675 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was an State representative available to witness the test - Chris Jensen.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 11, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician

SIGNATURE	DATE
N/A	10/10/2013

RECEIVED: Oct. 10, 2013

Mechanical Integrity Test
Casing or Annulus Pressure Test

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

Witness: Chris Jensen **Date** 10/1/13 **Time** 10:25 am pm
Test Conducted by: Jonny Daniels
Others Present:

Well: Federal 3-30-9-16 **Field:** Monument Butte
Well Location: NE/NW Sec. 30, T9S, R16E Duchesne County, Utah. **API No:** 4301333454

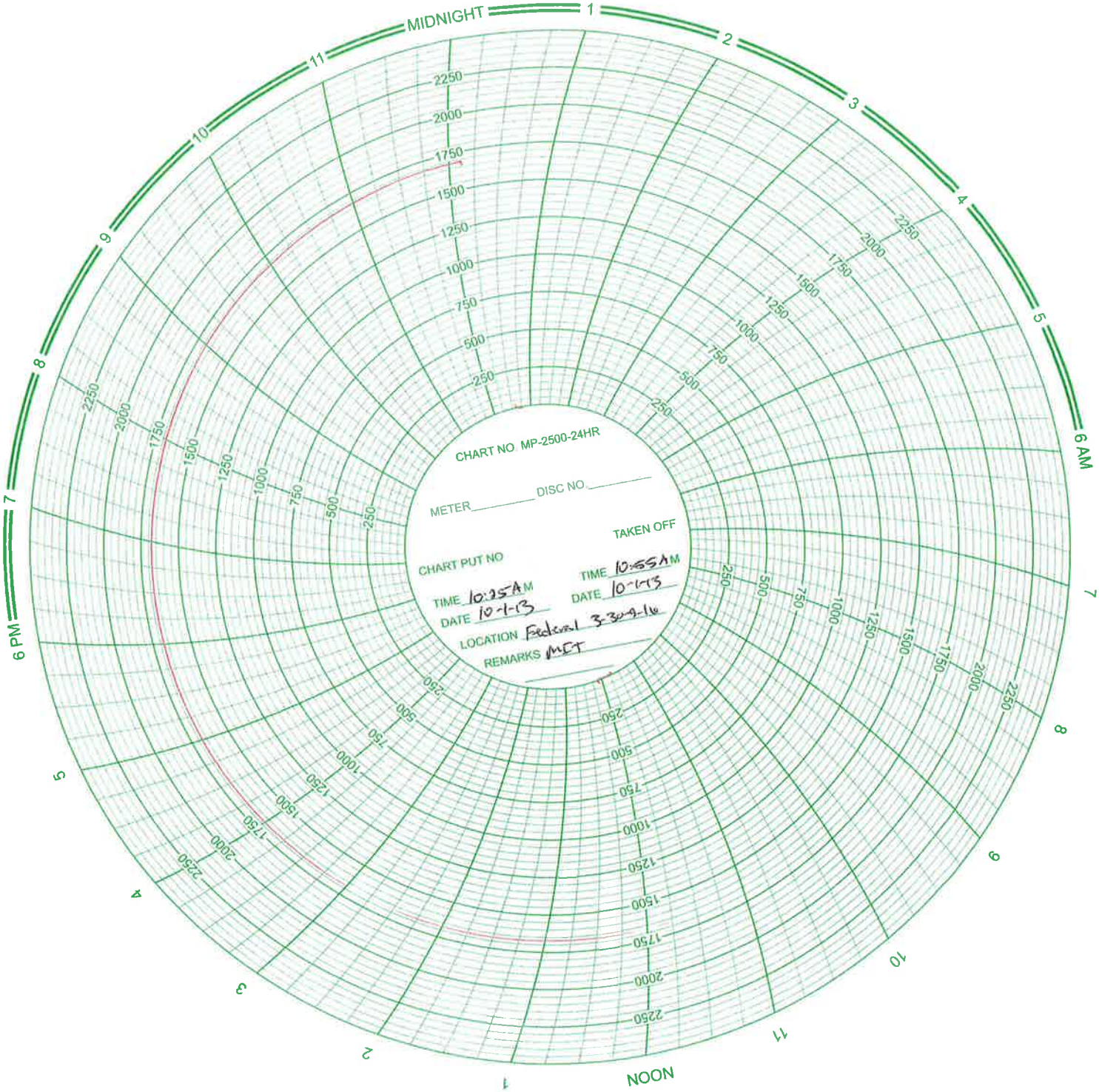
Time	Casing Pressure	
0 min	1675	psig
5	1675	psig
10	1675	psig
15	1675	psig
20	1675	psig
25	1675	psig
30 min	1675	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: Chris Jensen
Signature of Person Conducting Test: [signature]

Sundry Number: 43699 API Well Number: 43013334540000



Daily Activity Report

Format For Sundry

FEDERAL 3-30-9-16

7/1/2013 To 11/30/2013

10/8/2013 Day: 4 **Conversion**

WWS #5 on 10/8/2013 - Pump pkr fluid set and test pkr to 1500# (good) RDSUMOL - MIRUSU, had BMW pump 60 bbls htd fluid dwn ann. Unseat pump flush w/ 40 bbls reseat and test to 3000# (good) POOH w/ rods and pump (L/D) N/D wellhead N/U BOP POOH w/ prod. Tbg breaking and doping collars 100 jts. EOT # 2306 SWIFN - MIRUSU, had BMW pump 60 bbls htd fluid dwn ann. Unseat pump flush w/ 40 bbls reseat and test to 3000# (good) POOH w/ rods and pump (L/D) N/D wellhead N/U BOP POOH w/ prod. Tbg breaking and doping collars 100 jts. EOT # 2306 SWIFN - MIRUSU, had BMW pump 60 bbls htd fluid dwn ann. Unseat pump flush w/ 40 bbls reseat and test to 3000# (good) POOH w/ rods and pump (L/D) N/D wellhead N/U BOP POOH w/ prod. Tbg breaking and doping collars 100 jts. EOT # 2306 SWIFN - MIRUSU, had BMW pump 60 bbls htd fluid dwn ann. Unseat pump flush w/ 40 bbls reseat and test to 3000# (good) POOH w/ rods and pump (L/D) N/D wellhead N/U BOP POOH w/ prod. Tbg breaking and doping collars 100 jts. EOT # 2306 SWIFN - Cont. OOH breaking and doping L/D BHA R/U perforators RIH perf D-2 sand f/ 4377-84 & GB sand f/ 3872-81, 3 SPF and 120 deg. POOH R/D W/L P/U RIH w/ 5-1/2 HD pkr & TS rbp followed by 118 jts. L-80 workstring set RBP @ 3820' fill & test plug and csg. To 1500# (good) RLS plug RIH set plug @ 4395 and leave PKR hanging @ 4333' SWIFN - Cont. OOH breaking and doping L/D BHA R/U perforators RIH perf D-2 sand f/ 4377-84 & GB sand f/ 3872-81, 3 SPF and 120 deg. POOH R/D W/L P/U RIH w/ 5-1/2 HD pkr & TS rbp followed by 118 jts. L-80 workstring set RBP @ 3820' fill & test plug and csg. To 1500# (good) RLS plug RIH set plug @ 4395 and leave PKR hanging @ 4333' SWIFN - Cont. OOH breaking and doping L/D BHA R/U perforators RIH perf D-2 sand f/ 4377-84 & GB sand f/ 3872-81, 3 SPF and 120 deg. POOH R/D W/L P/U RIH w/ 5-1/2 HD pkr & TS rbp followed by 118 jts. L-80 workstring set RBP @ 3820' fill & test plug and csg. To 1500# (good) RLS plug RIH set plug @ 4395 and leave PKR hanging @ 4333' SWIFN - Cont. OOH breaking and doping L/D BHA R/U perforators RIH perf D-2 sand f/ 4377-84 & GB sand f/ 3872-81, 3 SPF and 120 deg. POOH R/D W/L P/U RIH w/ 5-1/2 HD pkr & TS rbp followed by 118 jts. L-80 workstring set RBP @ 3820' fill & test plug and csg. To 1500# (good) RLS plug RIH set plug @ 4395 and leave PKR hanging @ 4333' SWIFN - R/U HES Frac D-2 sand w/ 10,070# 20/40 White, open well flow back @ 3 bpm recovered 120 bbls, move tools frac GB sand w/ 18,700# 20/40 White flowback @ 3 bpm recovered 150 bbls RLS tools POOH L/D work string & tools P/U RIH w/ 5-1/2 AS1X and BHA for inj. Drop SV test tbg to 3000# leave pres. On tbg over weekend SDFN - R/U HES Frac D-2 sand w/ 10,070# 20/40 White, open well flow back @ 3 bpm recovered 120 bbls, move tools frac GB sand w/ 18,700# 20/40 White flowback @ 3 bpm recovered 150 bbls RLS tools POOH L/D work string & tools P/U RIH w/ 5-1/2 AS1X and BHA for inj. Drop SV test tbg to 3000# leave pres. On tbg over weekend SDFN - R/U HES Frac D-2 sand w/ 10,070# 20/40 White, open well flow back @ 3 bpm recovered 120 bbls, move tools frac GB sand w/ 18,700# 20/40 White flowback @ 3 bpm recovered 150 bbls RLS tools POOH L/D work string & tools P/U RIH w/ 5-1/2 AS1X and BHA for inj. Drop SV test tbg to 3000# leave pres. On tbg over weekend SDFN - Check pres. On tbg f/ weekend 3000#, RIH ret SV N/D BOP N/U wellhead pump 70 bbls pkr fluid set AS1X pkr w/ 15k tension N/U PT ann. And pkr for 30 min. to 1500# (good) RDSUMOL - Check pres. On tbg f/ weekend 3000#, RIH ret SV N/D BOP N/U wellhead pump 70 bbls pkr fluid set AS1X pkr w/ 15k tension N/U PT ann. And pkr for 30 min. to 1500# (good) RDSUMOL - Check pres. On tbg f/ weekend 3000#, RIH ret SV N/D BOP N/U wellhead pump 70 bbls pkr fluid set AS1X pkr w/ 15k tension N/U PT ann. And pkr for 30 min. to 1500# (good) RDSUMOL - Check pres. On tbg f/ weekend 3000#, RIH

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Daily Cost: $0
Cumulative Cost: $112,630

10/9/2013 Day: 5 **Conversion**

Rigless on 10/9/2013 - - On 09/30/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/01/2013 the casing was pressured up to 1675 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 09/30/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/01/2013 the casing was pressured up to 1675 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 09/30/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/01/2013 the casing was pressured up to 1675 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 09/30/2013 Chris Jensen with the State of Utah DOGM

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Daily Cost: $0
Cumulative Cost: $130,864

Pertinent Files: Go to File List

Federal 3-30-9-16

Spud Date: 5/16/2009

Put on Production: 7/1/2009

GL: 6067' KB: 6079'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (277')

DEPTH LANDED: 328' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 152 jts (5704')

DEPTH LANDED: 5704'

HOLE SIZE: 7-7/8"

CEMENT DATA: 280 sx Prem. Lite and 400 sx 50/50 poz

CEMENT TOP AT: 54'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 124 jts (3813.4')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3825.4' KB

ON/OFF TOOL AT: 3826.5'

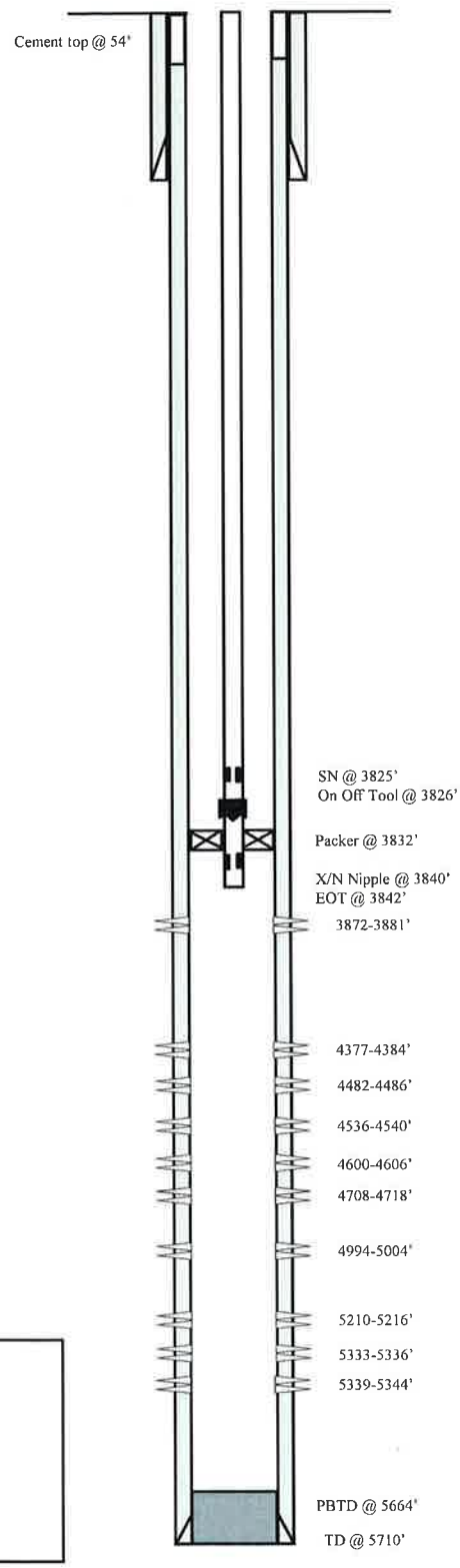
ARROW #1 PACKER CE AT: 3832'

XO 2-3/8 x 2-7/8 J-55 AT: 3835.8'

TBG PUP 2-3/8 J-55 AT: 3836.4'

X/N NIPPLE AT: 3840.5'

TOTAL STRING LENGTH: EOT @ 3841.62'



FRAC JOB

7/2/2009	5333-5344'	**Frac CP3 sands as follows:** 15,090#'s of 20/40 sand in 125 bbls of Lightning 17 fluid
7/2/2009	5210-5216'	**Frac CP1 sands as follows:** 15,050#'s of 20/40 sand in 122 bbls of Lightning 17 fluid
7/2/2009	4994-5004'	**Frac LODC sands as follows:** 40,814#'s of 20/40 sand in 263 bbls of Lightning 17 fluid
7/2/2009	4708-4718'	**Frac A1 sands as follows:** 55,392#'s of 20/40 sand in 348 bbls of Lightning 17 fluid
7/2/2009	4482-4606'	**Frac B2/B.5/C sands as follows:** 127,786#'s of 20/40 sand in 765 bbls of Lightning 17 fluid
1/28/2012		**Parted rods:** Updated tubing & rod detail
09/27/13	4377-4384'	**Frac D2 sands as follows:** 10070#'s of 20/40 sand in 188 bbls of Lightning 17 fluid
09/27/13	3872-3881'	**Frac GB sands as follows:** 18700#'s of 20/40 sand in 222 bbls of Lightning 17 fluid
09/30/13		**Convert to Injection Well**
10/01/13		**Conversion MIT Finalized** -- update tbg detail

PERFORATION RECORD

5339-5344'	3 JSPF	15 holes
5333-5336'	3 JSPF	9 holes
5210-5216'	3 JSPF	18 holes
4994-5004'	3 JSPF	30 holes
4708-4718'	3 JSPF	30 holes
4600-4606'	3 JSPF	18 holes
4536-4540'	3 JSPF	12 holes
4482-4486'	3 JSPF	12 holes
4377-4384'	3 JSPF	21 holes
3872-3881'	3 JSPF	27 holes

NEWFIELD

Federal 3-30-9-16

749' FNL & 2042' FWL NE/NW

Section 30-T9S-R16E

Duchesne Co, Utah

API # 43-013-33454; Lease # UTU-74391

LCN 10/10/13

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74391

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 3-30-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013334540000

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: 0749 FNL 2042 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 30 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

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 10/25/2013
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The above reference well was put on injection at 10:20 AM on 10/25/2013

Accepted by the Utah Division of Oil, Gas and Mining

Date: December 03, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician

SIGNATURE	DATE
N/A	10/28/2013

RECEIVED: Oct. 28, 2013

NEWFIELD

Newfield Exploration Company
1001 17th Street | Suite 2000
Denver, Colorado 80202
PH 303-893-0102 | FAX 303-893-0103

June 4, 2013

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

RECEIVED
JUN 05 2013
DIV. OF OIL, GAS & MINING

RE: Permit Application for Water Injection Well
Federal #3-30-9-16
Monument Butte Field, Lease #UTU-74391
Section 30-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #3-30-9-16 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,

Eric Sundberg
Environmental Manager

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

FEDERAL #3-30-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-74391

JUNE 4, 2013

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WORK PROCEDURE FOR INJECTION CONVERSION
COMPLETED RULE R615-5-1 QUESTIONNAIRE
COMPLETED RULE R615-5-2 QUESTIONNAIRE

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ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – FEDERAL #3-30-9-16
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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: Federal #3-30-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-74391
Well Location: QQ NENW section 30 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes [X] No [ ]
Will the proposed well be used for: Enhanced Recovery? . . . . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]
Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]
If this application is for an existing well,
has a casing test been performed on the well?. . . . . Yes [ ] No [X]
Date of test:
API number: 43-013-33454

Proposed injection interval: from 3644 to 5664
Proposed maximum injection: rate 500 bpd pressure 1595 psig
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature
Title Environmental Manager Date 6/4/13
Phone No. (303) 893-0102

(State use only)
Application approved by Title
Approval Date

Comments:

Federal 3-30-9-16

Spud Date: 5/16/2009
Put on Production: 7/1/2009

GL: 6067' KB: 6079'

Proposed Injection
Wellbore Diagram

SURFACE CASING

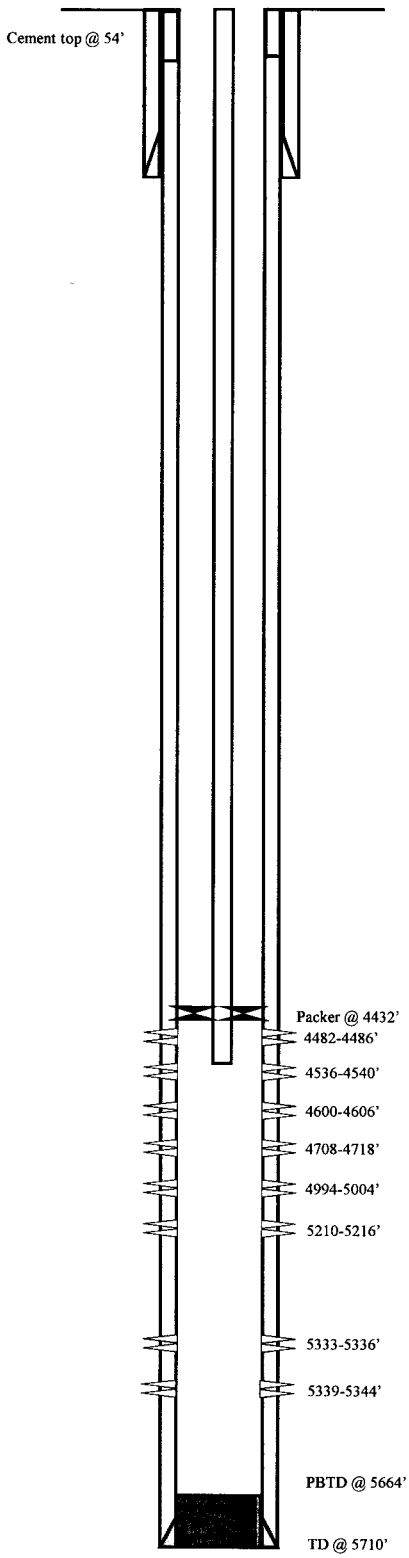
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (277')
DEPTH LANDED: 328' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152 jts (5704 ')
DEPTH LANDED: 5704'
HOLE SIZE: 7-7/8"
CEMENT DATA: 280 sx Prem. Lite and 400 sx 50/50 poz
CEMENT TOP AT: 54'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 172 jts (5288')
TUBING ANCHOR: 5300' KB
NO. OF JOINTS: 1 jt (30.3')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5333.3' KB
NO. OF JOINTS: 2 jts (61.6')
TOTAL STRING LENGTH: EOT @ 5396'



FRAC JOB

7/2/2009 **5333-5344' Frac CP3 sands as follows:**
15,090#'s of 20/40 sand in 125 bbls of Lightning 17 fluid.

7/2/2009 **5210-5216' Frac CP1 sands as follows:**
15,050#'s of 20/40 sand in 122 bbls of Lightning 17 fluid.

7/2/2009 **4994-5004' Frac LODC sands as follows:**
40,814#'s of 20/40 sand in 263 bbls of Lightning 17 fluid.

7/2/2009 **4708-4718' Frac A1 sands as follows:**
55,392#'s of 20/40 sand in 348 bbls of Lightning 17 fluid.

7/2/2009 **4482-4606'** **Frac B2/B.5/C sands as follows:**
127,786#'s of 20/40 sand in 765 bbls of Lightning 17 fluid.

1/28/2012 Parted rods: Updated tubing & rod detail

PERFORATION RECORD

5339-5344'	3 JSPF	15 holes
5333-5336'	3 JSPF	9 holes
5210-5216'	3 JSPF	18 holes
4994-5004'	3 JSPF	30 holes
4708-4718'	3 JSPF	30 holes
4600-4606'	3 JSPF	18 holes
4536-4540'	3 JSPF	12 holes
4482-4486'	3 JSPF	12 holes

NEWFIELD

Federal 3-30-9-16

749' FNL & 2042' FWL NE/NW

Section 30-T9S-R16E

Duchesne Co, Utah

API # 43-013-33454; Lease # UTU-74391

JL 3/7/2013

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 #3-30-9-16 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 #3-30-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3644' - 5664'). 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 3304' and the TD is at 5710'.

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

The referenced log for the Federal #3-30-9-16 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-74391) 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 328' KB, and 5-1/2", 15.5# casing run from surface to 5704' 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 1595 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 #3-30-9-16, for existing perforations (4482' - 5344') calculates at 0.75 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 1595 psig. We may add additional perforations between 3304' and 5710'. 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 #3-30-9-16, the proposed injection zone (3644' - 5664') 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-8.

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.

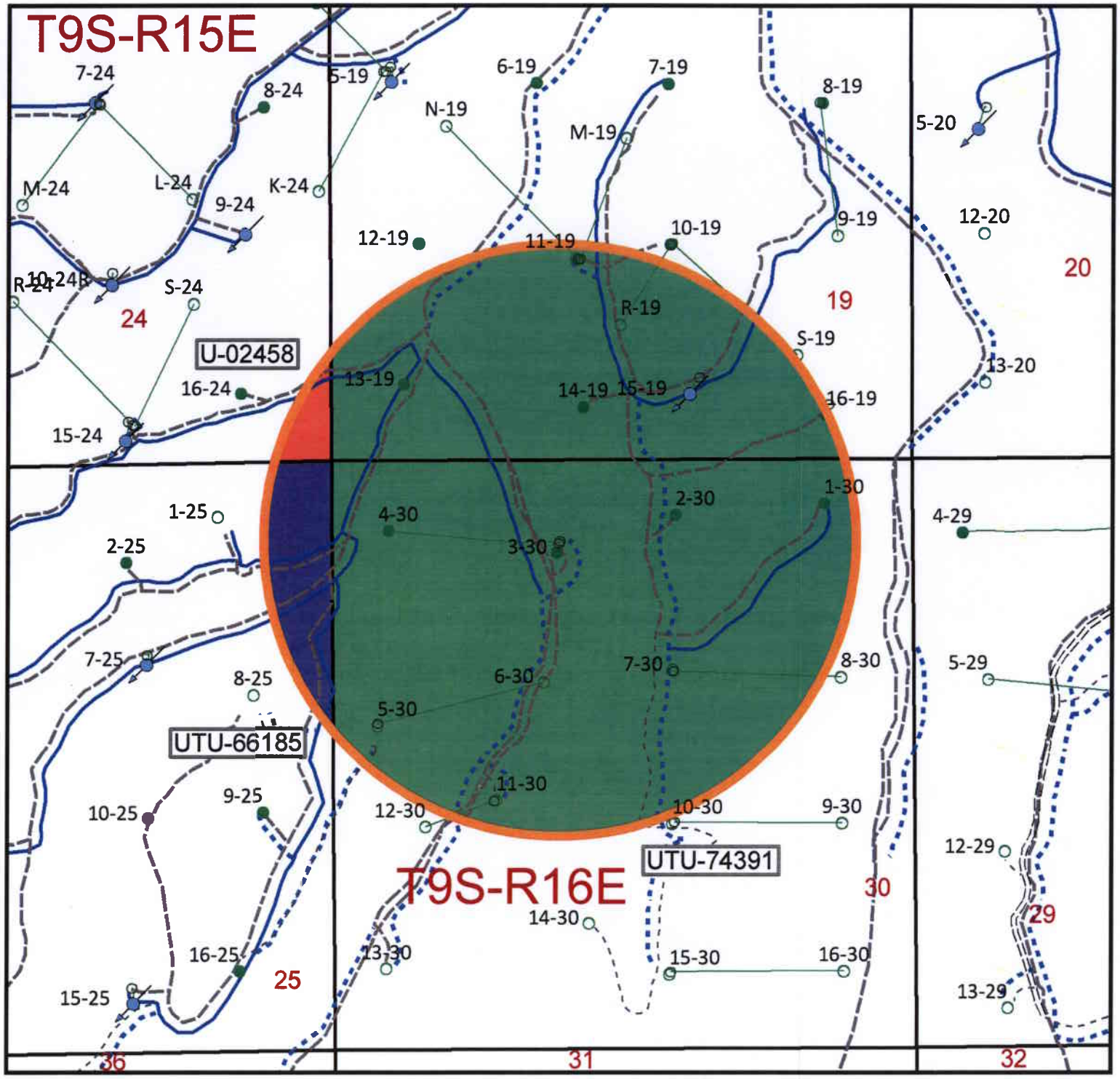
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

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.

ATTACHMENT A



Lease
- U-02458
- UTU-66185
- UTU-74391
- SurfaceLocation_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

Injection system
- high pressure
- low pressure
- proposed
- return
- return proposed
- Mining tracts

Federal 3-30
Section 30, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS

N

in = 1,250 feet

1/2 Mile Radius Map

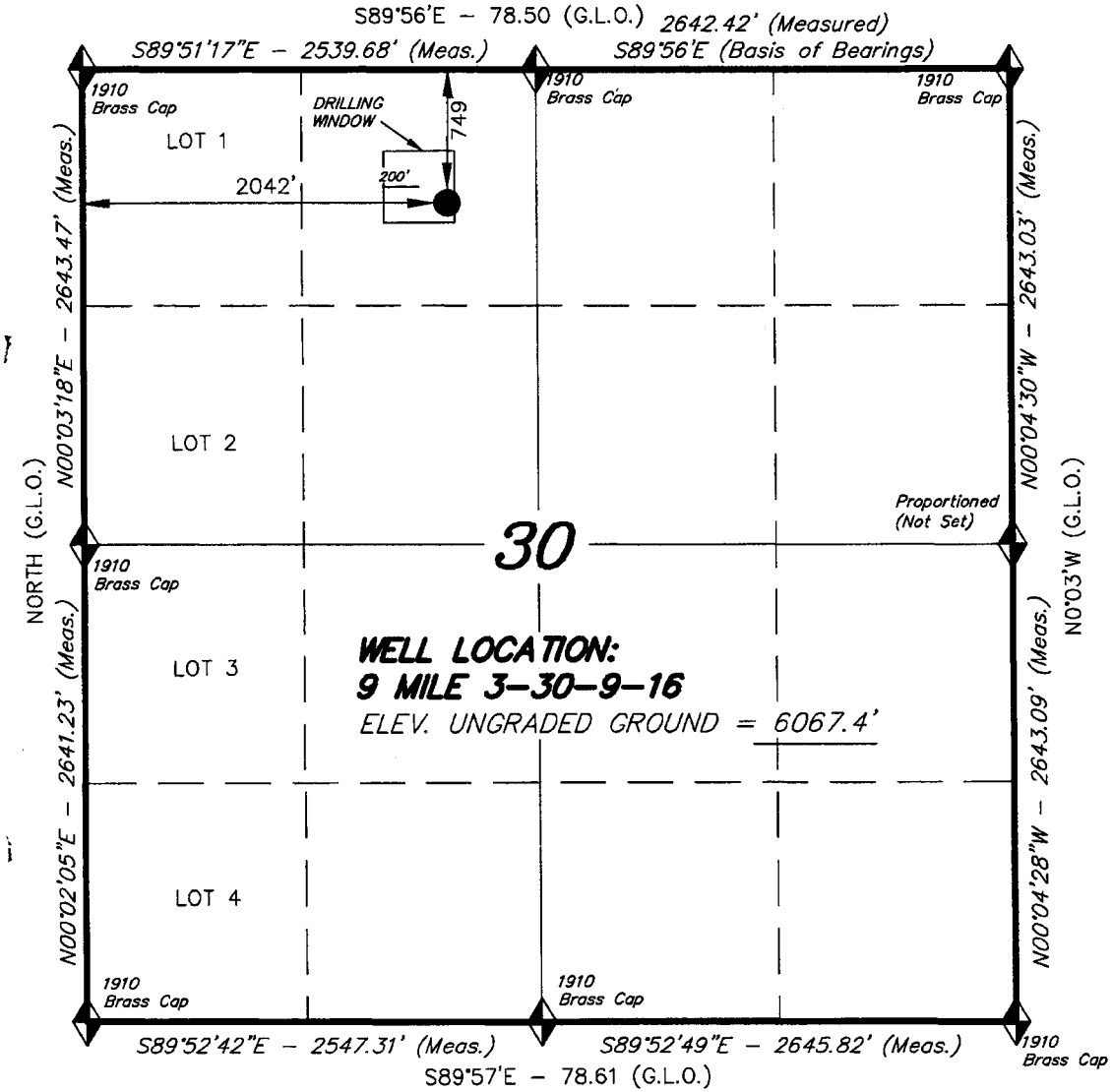
Duchesne & Uintah Counties

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

April 16, 2013

ATTACHMENT A-1

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



◆ = SECTION CORNERS LOCATED

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

9 MILE 3-30-9-16
(Surface Location) NAD 83
LATITUDE = 40° 00' 25.51"
LONGITUDE = 110° 09' 49.84"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 3-30-9-16, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 30, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'
BAR SCALE

N

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No.189377 STATE OF UTAH

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

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

DATE SURVEYED: 09-08-06	SURVEYED BY: C.M.
DATE DRAWN: 09-19-06	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 19: E2SW, SE, LOTS 3, 4	UTU-74391	Newfield RMI LLC	
	Section 20: S2	HBP	ABO Petroleum Corp	
	Section 29: All		MYCO Industries Inc	
	Section 30: All		OXY Y-1 Company	
			Yates Petroleum Corp	
2	T9S-R15E SLM	USA	Newfield Production Company	USA
	Section 22: E2SW, LOTS 2, 3, 4	UTU-66185	Newfield RMI LLC	
	Section 23: NENE, W2E2, S2NW, E2SW	HBP		
	Section 24: N2N2			
	Section 25: All			
	Section 26: NE, NENW, S2NW, S2			
	Section 27: S2NE, E2NW, SE, LOTS 1, 2			
3	T9S-R15E SLM	USA	Newfield Production Company	USA
	Section 23: SENE, W2SW, NESE	UTU-002458	Newfield RMI LLC	
	Section 24: S2N2, S2	HBP		

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #3-30-9-16

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
Environmental Manager

Sworn to and subscribed before me this 4th day of June, 2013.

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

My Commission Expires: My Commission Expires Feb. 25, 2017

CANDICE L. KOWALSKI
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20094004982
My Commission Expires Feb. 25, 2017

ATTACHMENT E

Federal 3-30-9-16

Spud Date: 5/16/2009
Put on Production: 7/1/2009
GL: 6067' KB: 6079'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (277')
DEPTH LANDED: 328' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

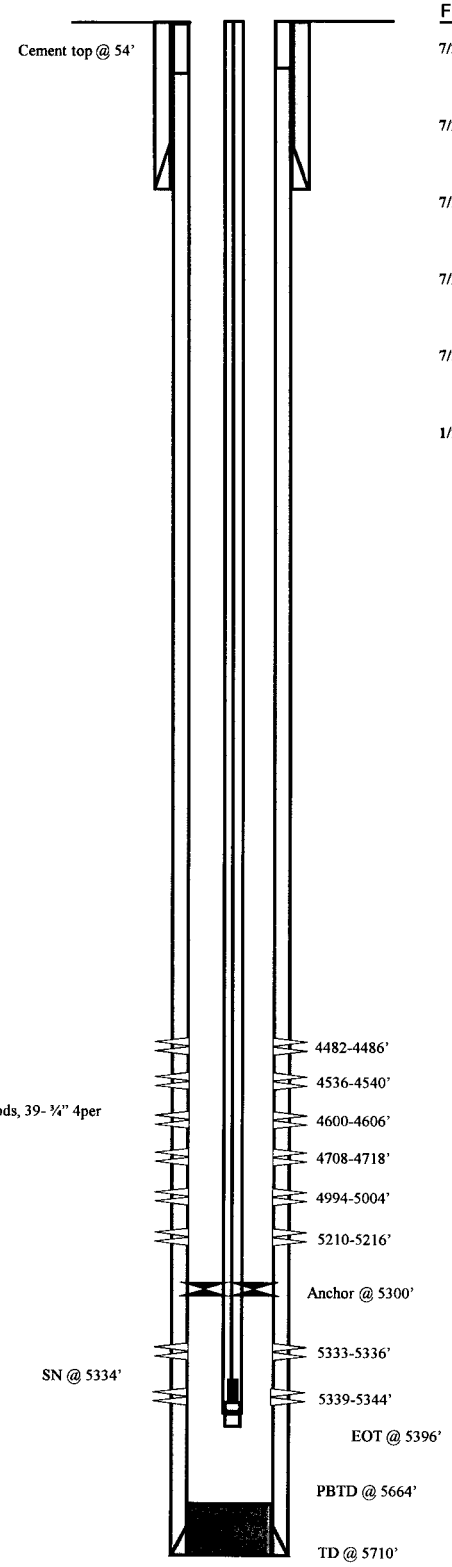
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152 jts (5704 ')
DEPTH LANDED: 5704'
HOLE SIZE: 7-7/8"
CEMENT DATA: 280 sx Prem. Lite and 400 sx 50/50 poz
CEMENT TOP AT: 54'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 172 jts (5288')
TUBING ANCHOR: 5300' KB
NO. OF JOINTS: 1 jt (30.3')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5333.3' KB
NO. OF JOINTS: 2 jts (61.6')
TOTAL STRING LENGTH: EOT @ 5396'

SUCKER RODS

POLISHED ROD: 1 ½" x 26'
SUCKER RODS: 100 - ¾" 4per guided rods, 68- ¾" sucker rods, 39- ¾" 4per guided rods, 6- 1 ½" weight bars.
PUMP SIZE: 2 ½" x 1 ½" x 16' x 20' RHAC
STROKE LENGTH: 120
PUMP SPEED, SPM: 4



FRAC JOB

7/2/2009 **5333-5344' Frac CP3 sands as follows:** 15,090#'s of 20/40 sand in 125 bbls of Lightning 17 fluid.

7/2/2009 **5210-5216' Frac CP1 sands as follows:** 15,050#'s of 20/40 sand in 122 bbls of Lightning 17 fluid.

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1/28/2012 Parted rods: Updated tubing & rod detail

PERFORATION RECORD

5339-5344'	3 JSPF	15 holes
5333-5336'	3 JSPF	9 holes
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4482-4486'	3 JSPF	12 holes

NEWFIELD

Federal 3-30-9-16

749' FNL & 2042' FWL NE/NW
Section 30-T9S-R16E
Duchesne Co, Utah
API # 43-013-33454; Lease # UTU-74391

LCN 9-16-09
Updated HC 2/6/12

ATTACHMENT E-1

Federal 1-30-9-16

Spud Date: 5/28/2009
Put on Production: 7/6/2009

GL: 6214' KB: 6226'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (269')
DEPTH LANDED: 320' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

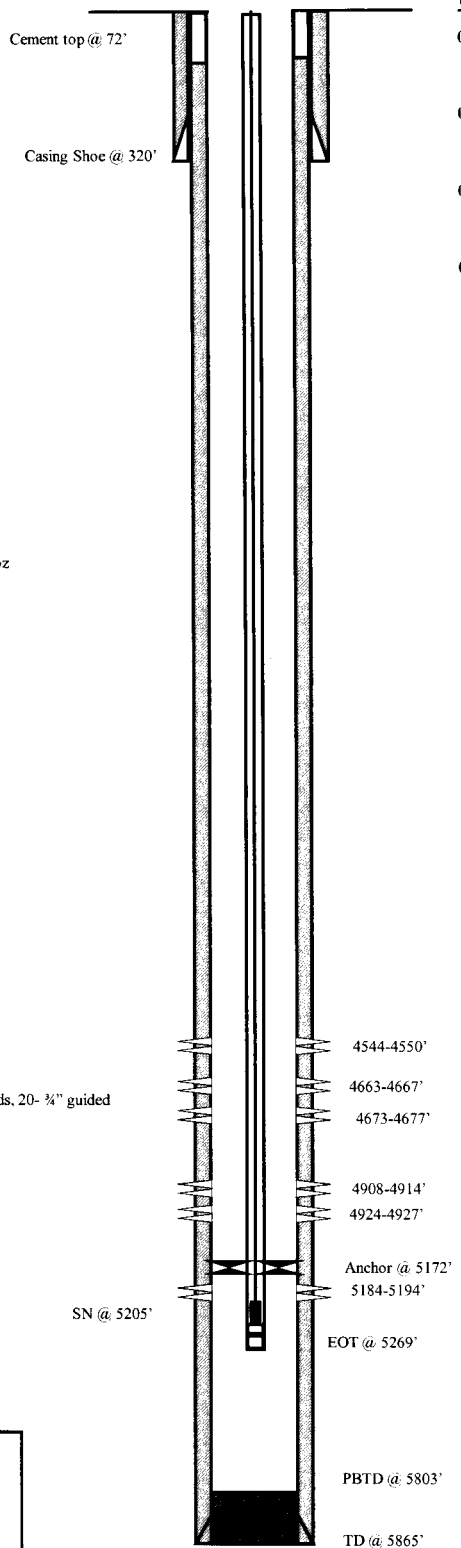
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts (5791')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5843.37'
CEMENT DATA: 275 sx Prem. Lite and 400 sx 50/50 poz
CEMENT TOP AT: 72'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 167 jts (5160')
TUBING ANCHOR: 5172' KB
NO. OF JOINTS: 1 jt (30.3')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5205' KB
NO. OF JOINTS: 2 jts (63.0')
TOTAL STRING LENGTH: EOT @ 5269'

SUCKER RODS

POLISHED ROD: 1 ½" x 26'
SUCKER RODS: 101 - ¾" guided rods, 81- ¾" sucker rods, 20- ¾" guided rods, 6-1 ½" weight bars.
PUMP SIZE: 2 ½" x 1 ½" x 16' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5



FRAC JOB

07-07-09	5184-5194'	**Frac LODC sands as follows:** Frac with 45269#' 20/40 sand in 289 bbls of Lightning 17 fluid.
07-07-09	4908-4927'	**Frac A1 sands as follows:** Frac with 100700# 20/40 sand in 596 bbls of Lightning 17 fluid.
07-07-09	4663-4677'	**Frac C sands as follows:** Frac with 55268# 20/40 sand in 343 bbls of Lightning 17 fluid.
07-07-09	4544-4550'	**Frac D1 sands as follows:** 14925# 20/40 sand in 244 total bbls of fluid inc Lightning 17 fluid.

PERFORATION RECORD

5184-5194'	3 JSPF	30 holes
4924-4927'	3 JSPF	9 holes
4908-4914'	3 JSPF	18 holes
4673-4677'	3 JSPF	12 holes
4663-4667'	3 JSPF	12 holes
4544-4550'	3 JSPF	18 holes

NEWFIELD

Federal 1-30-9-16

419' FNL & 785' FEL

NE/NE Section 30-T9S-R16E

Duchesne Co, Utah

API # 43-013-33452; Lease # UTU-74391

LCN 9-25-09

ATTACHMENT E-2

Federal 2-30-9-16

Spud Date: 6/8/2009
Put on Production: 7/10/2009

GL: 6238' KB: 6250'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (269')
DEPTH LANDED: 317' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

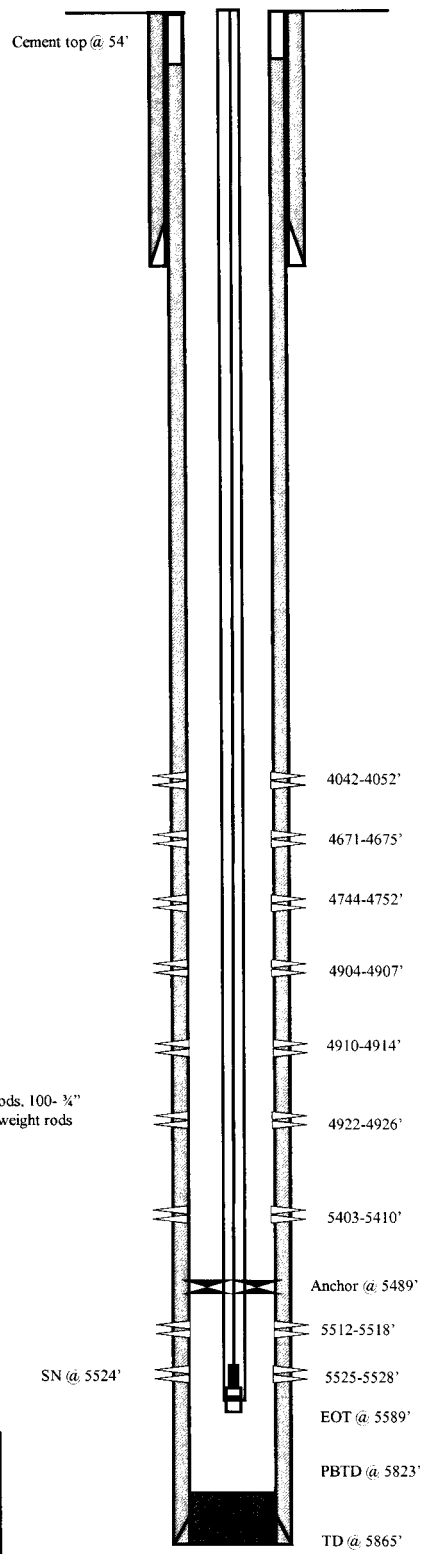
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts (5812')
DEPTH LANDED: 5862'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sx Prem. Lite and 400 sx 50/50 poz
CEMENT TOP AT: 54'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 174 jts (5477')
TUBING ANCHOR: 5489' KB
NO. OF JOINTS: 1 jt (31.5')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5524' KB
NO. OF JOINTS: 2 jts (63.3')
TOTAL STRING LENGTH: EOT @ 5589'

SUCKER RODS

POLISHED ROD: 1 ½" x 26' polished rod
SUCKER RODS: 1 – 2' x ¾", 1 – 4' x ¾", 1 – 6' x ¾" pony rods, 100- ¾" guided rods, 94 - ¾" sucker rods, 2- ¾" guided rods, 6 - 1 ½" weight rods
PUMP SIZE: 2 ½" x 1 ½" x 20' RHAC
STROKE LENGTH: 86
PUMP SPEED - SPM: 5



FRAC JOB

7/10/2009	5512-5528'	**Frac CP3 sands as follows:** 14,703#'s of 20/40 sand in 130 bbls of Lightning 17 fluid.
7/10/2009	5403-5410'	**Frac CP1 sands as follows:** 20,309#'s of 20/40 sand in 169 bbls of Lightning 17 fluid.
7/10/2009	4904-4926'	**Frac A1 sands as follows:** 25,710#'s of 20/40 sand in 209 bbls of Lightning 17 fluid.
7/10/2009	4671-4752'	**Frac B.5 & C sands as follows:** 125,658#'s of 20/40 sand in 758 bbls of Lightning 17 fluid.
7/10/2009	4042-4052'	**Frac GB6 sands as follows:** 106,827#'s of 20/40 sand in 651 bbls of Lightning 17 fluid.

PERFORATION RECORD

5525-5528'	3 JSPF	9 holes
5512-5518'	3 JSPF	18 holes
5403-5410'	3 JSPF	21 holes
4922-4926'	3 JSPF	12 holes
4910-4914'	3 JSPF	12 holes
4904-4907'	3 JSPF	9 holes
4744-4752'	3 JSPF	24 holes
4671-4675'	3 JSPF	12 holes
4042-4052'	3 JSPF	30 holes

NEWFIELD

Federal 2-30-9-16

517' FNL & 2110' FEL NW/NE

Section 30-T9S-R16E

Duchesne Co, Utah

API # 43-013-33453; Lease # UTU-74391

LCN 09-14-09

ATTACHMENT E3

Federal 4-30-9-16

Spud Date: 8-15-10
Put on Production:9-23-10

GL:6068 ' KB:6080 '

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts. (335.81')
DEPTH LANDED: 349.66'
HOLE SIZE: 12-1/4"
CEMENT DATA: 180 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts. (5942.38')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5958.38'
CEMENT DATA: 250 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 92'

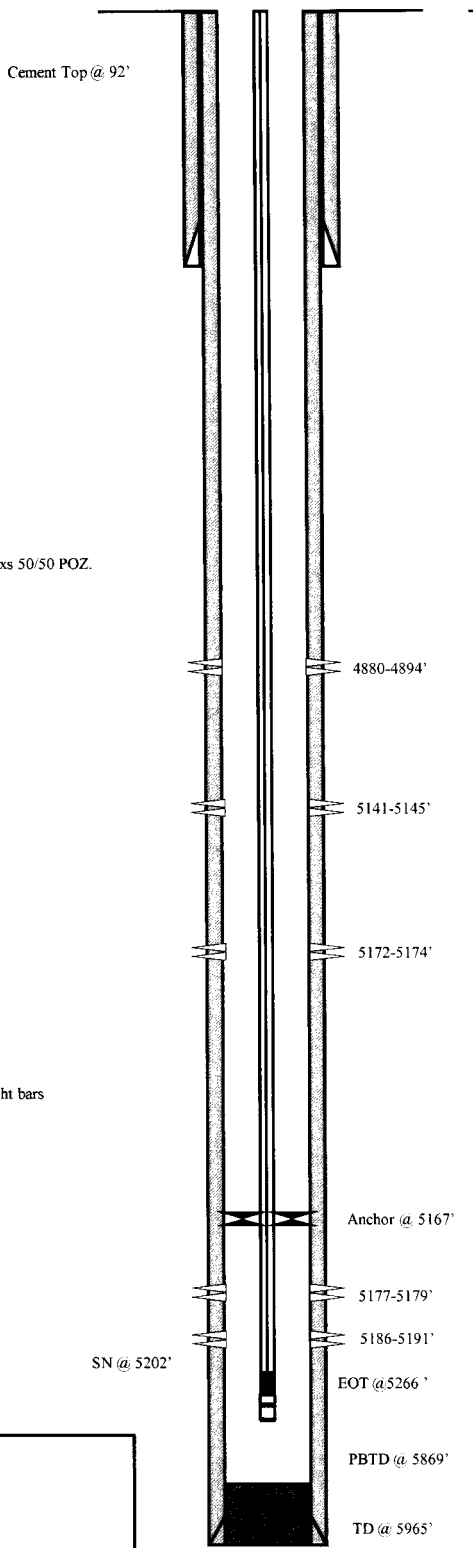
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 165jts 5154.4')
TUBING ANCHOR: 5167.4'
NO. OF JOINTS: 1 jts (31.4')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 6738.3' KB
NO. OF JOINTS: 2jts (62.8')
TOTAL STRING LENGTH: EOT @5266 '

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
SUCKER RODS: 202-4 per guided rods, 4- 1 ½" weight bars
PUMP SIZE: 2 ½ x 1 3/4' x 24' RHAC
STROKE LENGTH:144
PUMP SPEED: SPM 5

Wellbore Diagram



FRAC JOB

9-14-10	**5141-5191'**	**Frac LODC sands as follows:**Frac with 46141# 20/40 sand in 292 bbls lightning17 fluid.
9-18-10	**4880-4894'**	**Frac A1 sands as follows:**Frac with 63340# 20/40 sand in 420 bbls Lightning 17 fluid.

PERFORATION RECORD

5186-5191'	3 JSPF	15 holes
5177-5179'	3 JSPF	6 holes
5172-5174'	3 JSPF	6holes
5141-5145'	3 JSPF	12 holes
4880-4894'	3 JSPF	42 holes

NEWFIELD

Federal 4-30-9-16
769'FNL & 2034'FWL (NE/NW)
Section 30, T9S, R16
Duchesne Co, Utah
API # 43-013-33470; Lease # UTU-74391

MB-10-6-10

ATTACHMENT E-4

FEDERAL 5-19-9-16

Spud Date: 08/29/07

Put on Production: 10/08/07

GL: 6182' KB: 6194'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (301.00')

DEPTH LANDED: 312.85' 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: 149 jts. (5914.34')

DEPTH LANDED: 5927.59' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 147 jts (4532.2')

SEATING NIPPLE: 2-7/8" (1.10')

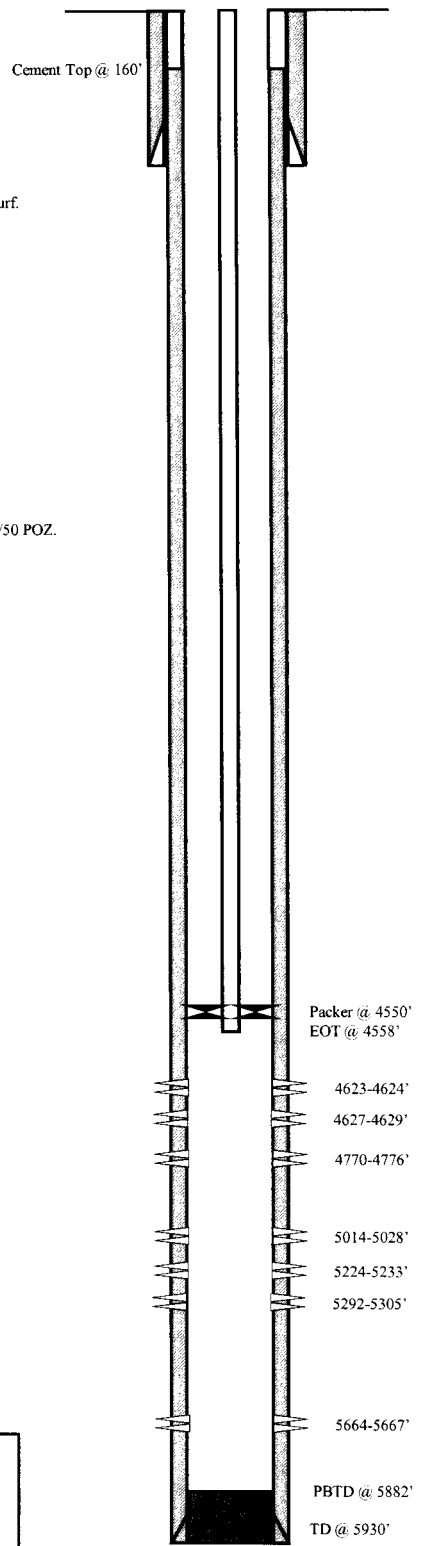
SN LANDED AT: 4544.2' KB

RETRIEVING HEAD 4-1/2" N-80 AT: 4545.3'

PACKER CE AT: 4550.4' w/ 1.875 profile X-nipple

TBG PUP 2-3/8" J-55 AT: 4554.1'

TOTAL STRING LENGTH: EOT @ 4558' KB



FRAC JOB

10/02/07	5292-5305'	**Frac LODC sands as follows:** 70815# 20/40 sand in 589 bbls Lightning 17 frac fluid. Treated @ avg press of 2092 psi w/avg rate of 24.8 BPM. ISIP 2307 psi. Calc flush: 5290 gal. Actual flush: 4784 gal.
10/02/07	5224-5233'	**Frac LODC sands as follows:** 56237# 20/40 sand in 502 bbls Lightning 17 frac fluid. Treated @ avg press of 2357 psi w/avg rate of 24.8 BPM. ISIP 2399 psi. Calc flush: 5222 gal. Actual flush: 4717 gal.
10/04/07	5014-5028'	**Frac A3 sands as follows:** 49854# 20/40 sand in 466 bbls Lightning 17 frac fluid. Treated @ avg press of 1934 psi w/avg rate of 24.8 BPM. ISIP 2070 psi. Calc flush: 5012 gal. Actual flush: 4507 gal.
10/05/07	4770-4776'	**Frac C sands as follows:** 16441# 20/40 sand in 257 bbls Lightning 17 frac fluid. Treated @ avg press of 2243 psi w/avg rate of 24.8 BPM. ISIP 3458 psi. Calc flush: 4768 gal. Actual flush: 4683 gal.
10/21/09		**Pump Change**. Updated rod & tubing details.
7/14/2011		**Tubing Leak.** Updated rod & tubing details.
08/30/12	5664-5667'	**Frac CP4 sands as follows:** 18147# 20/40 sand in 229 bbls Lightning 17 frac fluid.
08/30/12	4623-4629'	**Frac D1 sands as follows:** 16342# 20/40 sand in 236 bbls Lightning 17 frac fluid.
08/31/12		**Convert to Injection Well**
09/05/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

10/01/07	5292-5305'	4 JSPF	52 holes
10/02/07	5224-5233'	4 JSPF	36 holes
10/02/07	5014-5028'	4 JSPF	56 holes
10/04/07	4770-4776'	4 JSPF	24 holes
08/28/12	5664-5667'	3 JSPF	9 holes
08/28/12	4627-4629'	3 JSPF	6 holes
08/28/12	4623-4624'	3 JSPF	3 holes

NEWFIELD

FEDERAL 5-19-9-16

1785'FNL & 544' FWL

SW/NW Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33174; Lease # UTU-64379

LCN 09/06/12

ATTACHMENT E-5

Federal 11-19-9-16

Spud Date: 10-09-07
Put on Production: 1-8-08
GL: 6199' KB: 6211'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.34')
DEPTH LANDED: 320.34'
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, circ. 8 bbl to surf.

PRODUCTION CASING

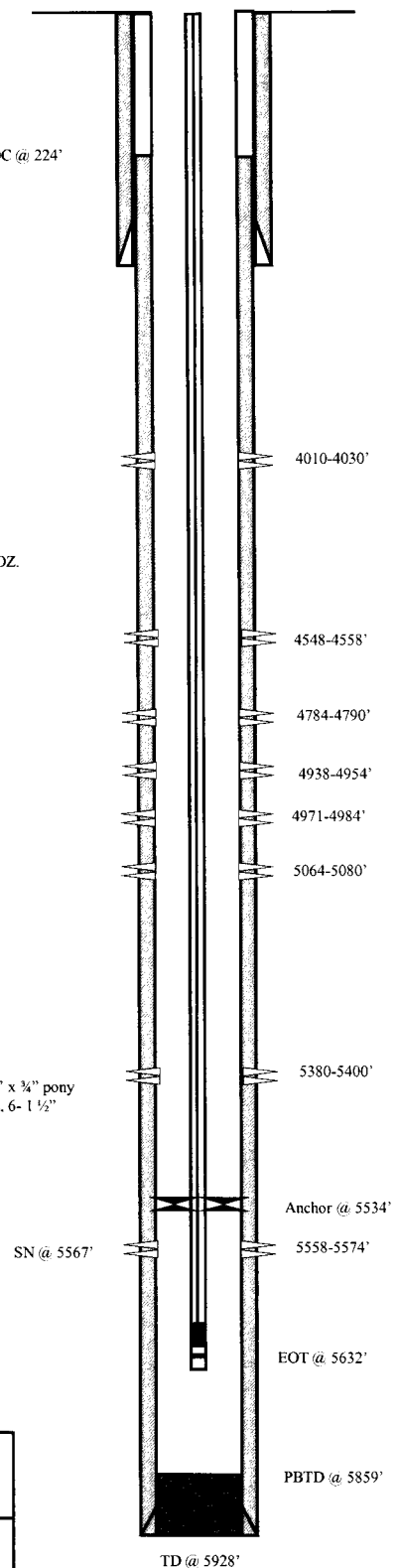
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152jts. (5907.45')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5905.45'
CEMENT DATA: 300 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 224' per CBL 12/14/07

TUBING (GI 12/15/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 176 jts (5521.9)
TUBING ANCHOR: 5533.9'
NO. OF JOINTS: 1 jts (30.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5566.8'
NO. OF JOINTS: 2 jts (62.70')
NOTCHED COLLAR: 2-7/8" (0.5')
TOTAL STRING LENGTH: EOT @ 5632'

SUCKER RODS (GI 12/15/11)

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1-2' x ¾" pony rods , 1-4' x ¾" pony rods, 1-6' x ¾" pony rods ,87- ¾" guided rods, 89- ¾" sucker rods, 38- ¾" guided rods, 6- 1 ½" weight rods.
PUMP SIZE: 2-½" x 1-½" x 16' x 20 RHAC Pump
STROKE LENGTH: 102"
PUMP SPEED, SPM:5
PUMPING UNIT: DARCO C-320-256-120



FRAC JOB

12-26-07	**5558-5574'**	**Frac CP2 sands as follows:** Frac with 59775# 20/40 sand in 533bbls Lightning 17 fluid. Treat at 1825 psi @ 23 BPM. ISIP 2111 psi.
12-26-07	**5380-5400'**	**Frac LODC sands as follows:** Frac with 59263# 20/40 sand in 528 bbls Lightning 17 fluid. Treat at 2001psi @ 23.1 BPM. ISIP 2364psi.
12-27-7	**5064-5080'**	**Frac LODC sands as follows:** Frac with 75331# 20/40 sand in 618 bbls Lightning 17 fluid. Treat at 2507 psi @ 29.1 BPM. ISIP 2905 psi.
12-27-07	**4938-4984'**	**Frac A3 &A1 sand as follows:** Frac with 110221# 20/40 sand in 881 bbls Lightning 17 fluid. Treat at 1743 psi @ 23 BPM. ISIP 2079 psi.
12-27-07	**4784-4790'**	**Frac B.5 sands as follows:** Frac with20091# 20/40 sand in 301 bbls Lightning 17 fluid. Treat at 2034 psi @ 23 BPM. ISIP 2027 psi.
12-27-07	**4548-4558'**	**Frac D1 sands as follows:** Frac with 50552# 20/40 sand in 442 bbls Lightning 17 fluid. Treat at 1639 psi @ 23.1 BPM. ISIP 2088 psi.
12-27-07	**4010-4030'**	**Frac GB4 sands as follows:** Frac with 44039# 20/40 sand in 416 bbls Lightning 17 fluid. Treat at 1391 psi @ 23 BPM. ISIP 1434 psi.
9-16-08		Parted rod. Updated rod & tubing details.
6/15/09		Tubing Leak. Updated r & t details.

PERFORATION RECORD

4010-4030'	4 JSPF	80 holes
4548-4558'	4 JSPF	40 holes
4784-4790'	4 JSPF	24 holes
4938-4954'	4 JSPF	64 holes
4971-4984'	4 JSPF	52 holes
5064-5080'	4 JSPF	64 holes
5380-5400'	4 JSPF	80 holes
5558-5574'	4 JSPF	64 holes

NEWFIELD

Federal 11-19-9-16
1778' FSL & 2197' FWL
NESW Section 19-T9S-R16E
Duchesne Co, Utah
API #43-013-33160; Lease #UTU-74391

GI 3/27/12

ATTACHMENT E-6

Federal 13-19-9-16

Spud Date:
Put on Production:
GL: 6044' KB: 6056'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (30.7.17')
DEPTH LANDED: 319.02'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

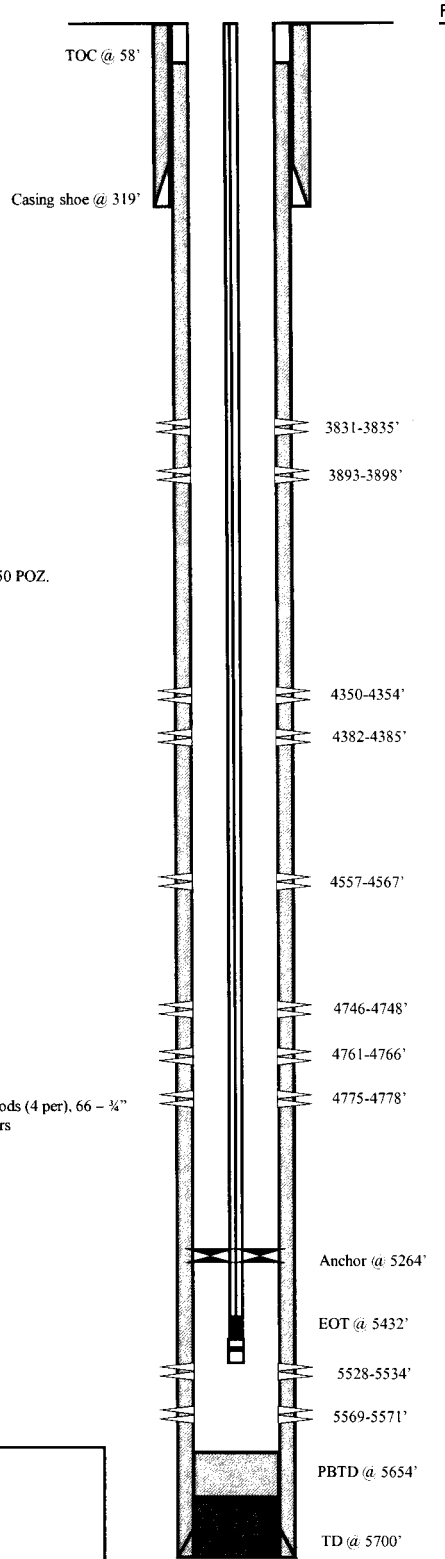
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts. (5642.16')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5696.9'
CEMENT DATA: 275 sx Prem. Lite II mixed & 400 sx 50/50 POZ.
CEMENT TOP AT: 58'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 167 jts (5251.5')
TUBING ANCHOR: 5264'
NO. OF JOINTS: 1 jts (31.7')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5298' KB
NO. OF JOINTS: 1 jts (31.6'), 3 jts (94.5')
GAS ANCHOR: 5330.7
TOTAL STRING LENGTH: EOT @ 5432'

SUCKER RODS

POLISHED ROD: 1 ½" x 26'
SUCKER RODS: 1 – ¾" x 2' pony rods, 109 – ¾" guided rods (4 per), 66 – ¾" sucker rods, 30 – ¾" guided rods (4 per), 6 - 1 ½" Sinker bars
PUMP SIZE: 2 ½ x 1 ½ x 20' RHAC
STROKE LENGTH: 68"
PUMP SPEED: SPM 6



FRAC JOB

8-21-09	**5528-5571'**	**Frac CP5 sands as follows:** Frac with 15618# 20/40 sand in 124 bbls Lightning 17 fluid.
8-21-09	**4746-4778'**	**Frac A1 sands as follows:** Frac with 60817# 20/40 sand in 358 bbls Lightning 17 fluid.
8-21-09	**4557-4567'**	**Frac B.5 sands as follows:** Frac with 15408# 20/40 sand in 124 bbls Lightning 17 fluid.
8-21-09	**4350-4385'**	**Frac D1 & D2 sands as follows:** Frac with 61285# 20/40 sand in 360 bbls Lightning 17 fluid.
8-21-09	**3831-3898'**	**Frac GB4 & GB5 sands as follows:** Frac with 84734# 20/40 sand in 506 bbls Lightning 17 fluid.
9/30/09		Pump Change. Updated rod & tubing details.
11/30/2009		Pump Change. Updated rod and tubing detail.
05/01/10		Pump Change. Updated rod and tubing detail.
07/23/11		Pump Change. Rods & tubing updated.

PERFORATION RECORD

5569-5571'	3 JSPF	6 holes
5528-5534'	3 JSPF	18 holes
4775-4778'	3 JSPF	9 holes
4761-4766'	3 JSPF	15 holes
4746-4748'	3 JSPF	6 holes
4557-4567'	3 JSPF	30 holes
4382-4385'	3 JSPF	9 holes
4350-4354'	3 JSPF	12 holes
3893-3898'	3 JSPF	15 holes
3831-3835'	3 JSPF	12 holes

NEWFIELD

Federal 13-19-9-16
588' FSL & 758' FWL SWSW
Section 19-T9S-R16E
Duchesne Co, Utah
API # 43-013-33103; Lease # UTU-74391

TW 09/14/11

ATTACHMENT E-7

FEDERAL 14-19-9-16

Spud Date: 01/23/07
Put on Production: 02/27/07

GL: 6245' KB: 6257'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.59')
DEPTH LANDED: 322.44' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 2.25 bbls cmt to surf.

PRODUCTION CASING

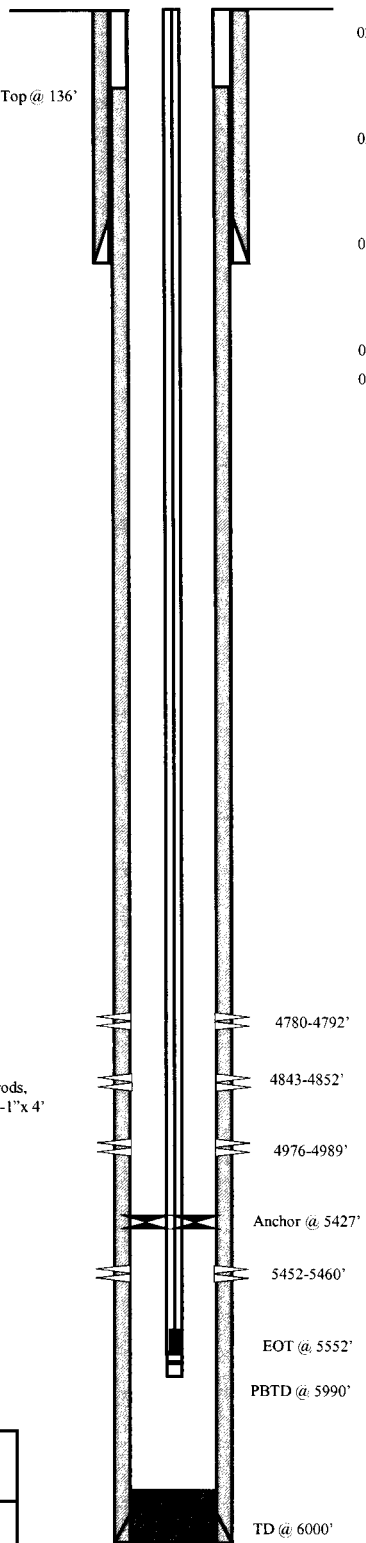
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5979.73')
DEPTH LANDED: 5992.98' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 136'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5415.22')
TUBING ANCHOR: 5427.' KB
NO. OF JOINTS: 2 jts (60.30')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5490' KB
NO. OF JOINTS: 2 jts (60.4')
TOTAL STRING LENGTH: EOT @ 5552.' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM polished rods
SUCKER RODS: 1-2' & 1- 6,' x 3/4" pony rods, 99-3/4" 4 per guided rods, 103-3/4" sucker rods, 10-3/4" 4 per guided rods, 6-1 ½" x sinker bars, 1-1"x 4' pony rod, 1-3/4" x 8' pony rod
PUMP SIZE: CDI 2-1/2" x 1-1/2"x12' x 16' RHAC
STROKE LENGTH: 86"
PUMP SPEED, 4. SPM:



FRAC JOB

02/21/07	5452-5460'	**Frac CP1 sands as follows:** 34903# 20/40 sand in 471 bbls Lightning 17 frac fluid. Treated @ avg press of 2080 psi w/avg rate of 24.8 BPM. ISIP 1839 psi. Calc flush: 5450 gal. Actual flush: 4872 gal.
02/21/07	4976-4989'	**Frac A1 sands as follows:** 80502# 20/40 sand in 597 bbls Lightning 17 frac fluid. Treated @ avg press of 2245 psi w/avg rate of 24.6 BPM. ISIP 2369 psi. Calc flush: 4974 gal. Actual flush: 4536 gal.
02/22/07	4780-4852'	**Frac B1 & B2 sands as follows:** 159255# 20/40 sand in 1026 bbls Lightning17 frac fluid. Treated @ avg press of 1675 psi w/avg rate of 24.8 BPM. ISIP 1790 psi. Calc flush: 4778 gal. Actual flush: 4662 gal.
03-29-07	Pump Change	Rod & Tubing details updated.
01/28/11		Parted Rods. Rod & tubing updated.

PERFORATION RECORD

02/16/07	5452-5460'	4 JSPF	32 holes
02/21/07	4976-4989'	4 JSPF	52 holes
02/21/07	4843-4852'	4 JSPF	36 holes
02/21/07	4780-4792'	4 JSPF	48 holes

NEWFIELD

FEDERAL 14-19-9-16

452'FSL & 2258' FWL

SE/SW Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33161; Lease # UTU-74391

TW 05/11/2011

ATTACHMENT E-8

FEDERAL 15-19-9-16

Spud Date: 10/29/07

Put on Production: 02/07/08

GL:6218' KB:6230'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (312.36')

DEPTH LANDED: 324.84' KB

HOLE SIZE:12-1/4"

CEMENT DATA:1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 136 jts. (5854.09')

DEPTH LANDED: 5867.67' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

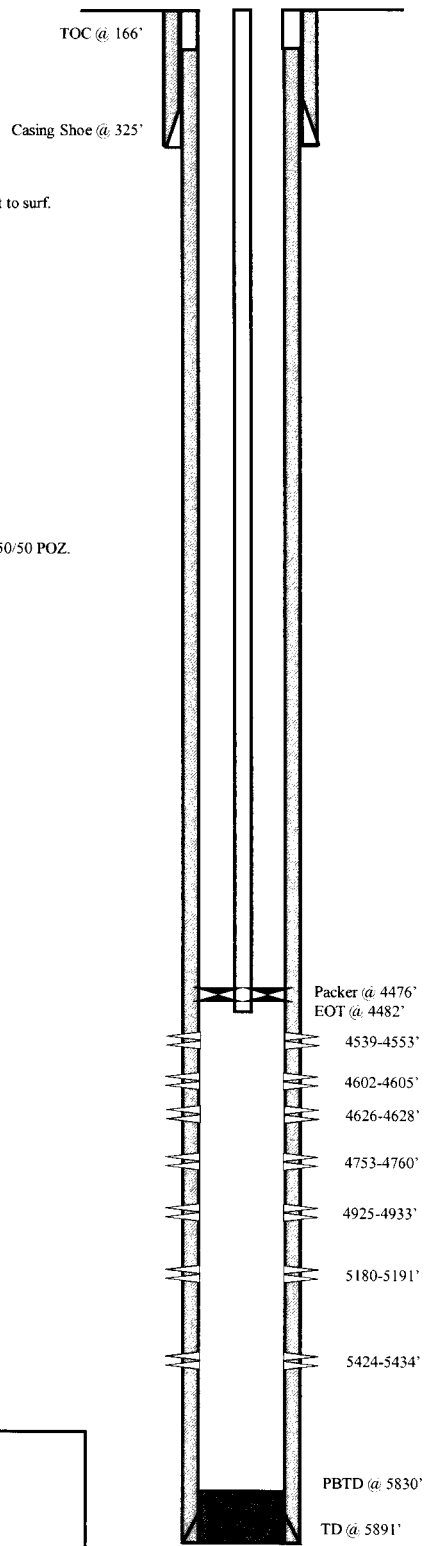
NO. OF JOINTS: 142 jts (4459.0')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4480.8' KB

CE @ 4475.61'

TOTAL STRING LENGTH: EOT @ 4482.' KB



FRAC JOB

02/01/08	5424-5434'	**Frac CP1 sands as follows:** 19731# 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 1909 psi w/avg rate of 15.2 BPM. ISIP 2009 psi.
02/01/08	5180-5191'	**Frac LODC sands as follows:** 29863# 20/40 sand in 404 bbl Lightning 17 frac fluid. Treated @ avg press of 2361 psi w/avg rate of 22.1 BPM. ISIP 2460 psi.
02/01/08	4925-4933'	**Frac A1 sands as follows:** 15194# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2440 psi w/avg rate of 21.6 BPM. ISIP 2237 psi.
02/01/08	4753-4760'	**Frac B.5 sands as follows:** 25716# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 2072 psi w/avg rate of 22.0 BPM. ISIP 2020 psi.
02/01/08	4539-4553'	**Frac D1 sands as follows:** 46601# 20/40 sand in 439 bbls Lightning 17 frac fluid. Treated @ avg press of 1712 psi w/avg rate of 22.0 BPM. ISIP 1930 psi.
10/2/09		**Tubing Leak.** Updated rod &tubing detials.
06/28/11		**Parted Rods.** Rods & tubing updated.
05/29/12	4602-4626'	**Frac D3 & D2 sands as follows:** 18461# 20/40 sand in 292 bbls Lightning 17 frac fluid
05/30/12		**Convert to Injection Well**
06/01/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

	5424-5434'	4 JSPF	40 holes
	5180-5191'	4 JSPF	44 holes
	4925-4933'	4 JSPF	32 holes
	4753-4760'	4 JSPF	28 holes
	4539-4553'	4 JSPF	56 holes
5-29-12	4626-4628'	3 JSPF	6 holes
5-29-12	4602-4605'	3 JSPF	9 holes

NEWFIELD

FEDERAL 15-19-9-16

711' FSL & 1888' FEL

SW/SE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33162; Lease # UTU-74391

LCN 06/05/12

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

ATTACHMENT F
1 of 6

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Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **FEDERAL 3-30-9-16**
Sample Point: **Treater**
Sample Date: **4/30/2013**
Sample ID: **WA-242505**

Sales Rep: **Michael McBride**
Lab Tech: **John Keel**

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

Sample Specifics	
Test Date:	5/20/2013
System Temperature 1 (°F):	120.00
System Pressure 1 (psig):	60.0000
System Temperature 2 (°F):	210.00
System Pressure 2 (psig):	60.0000
Calculated Density (g/ml):	1.011
pH:	9.50
Calculated TDS (mg/L):	20345.51
CO2 in Gas (%):	
Dissolved CO_2 (mg/L)):	0.00
H_2S in Gas (%):	
H2S in Water (mg/L):	15.00

Notes:
Al=.56

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	7413.69	Chloride (Cl):	10000.00
Potassium (K):	39.59	Sulfate (SO_4):	205.00
Magnesium (Mg):	13.15	Bicarbonate (HCO_3):	2562.00
Calcium (Ca):	47.66	Carbonate (CO_3):	
Strontium (Sr):	8.97	Acetic Acid (CH_3COO)	
Barium (Ba):	1.22	Propionic Acid (C_2H_5COO)	
Iron (Fe):	30.65	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	0.70	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	0.00	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	0.77	Silica (SiO_2):	22.11

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum $CaSO_4 \cdot 2H_2O$		Celestite $SrSO_4$		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	2.67	41.62	0.12	0.17	5.22	13.56	4.37	22.29	0.00	0.00	0.00	0.00	0.00	0.00	10.43	0.36
200.00	60.00	2.63	41.61	0.14	0.20	5.22	13.56	4.33	22.29	0.00	0.00	0.00	0.00	0.00	0.00	10.53	0.36
190.00	60.00	2.59	41.60	0.16	0.22	5.22	13.56	4.29	22.29	0.00	0.00	0.00	0.00	0.00	0.00	10.64	0.36
180.00	60.00	2.55	41.59	0.18	0.25	5.23	13.56	4.25	22.29	0.00	0.00	0.00	0.00	0.00	0.00	10.74	0.36
170.00	60.00	2.51	41.58	0.21	0.28	5.24	13.56	4.21	22.29	0.00	0.00	0.00	0.00	0.00	0.00	10.86	0.36
160.00	60.00	2.48	41.57	0.25	0.32	5.26	13.56	4.17	22.29	0.00	0.00	0.00	0.00	0.00	0.00	10.98	0.36
150.00	60.00	2.45	41.55	0.29	0.35	5.29	13.56	4.12	22.29	0.00	0.00	0.00	0.00	0.00	0.00	11.11	0.36
140.00	60.00	2.41	41.54	0.33	0.39	5.32	13.56	4.08	22.28	0.00	0.00	0.00	0.00	0.00	0.00	11.25	0.36
130.00	60.00	2.39	41.53	0.38	0.42	5.36	13.56	4.03	22.28	0.00	0.00	0.00	0.00	0.00	0.00	11.39	0.36
120.00	60.00	2.36	41.51	0.44	0.46	5.40	13.56	3.98	22.28	0.00	0.00	0.00	0.00	0.00	0.00	11.55	0.36

Multi-Chem Analytical Laboratory
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Vernal, UT 84078

ATTACHMENT F
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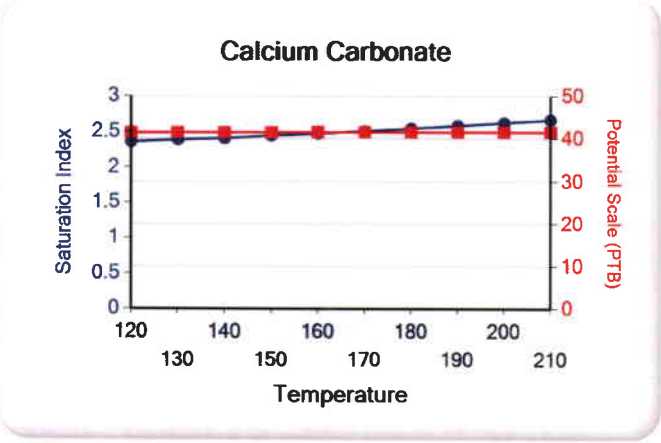
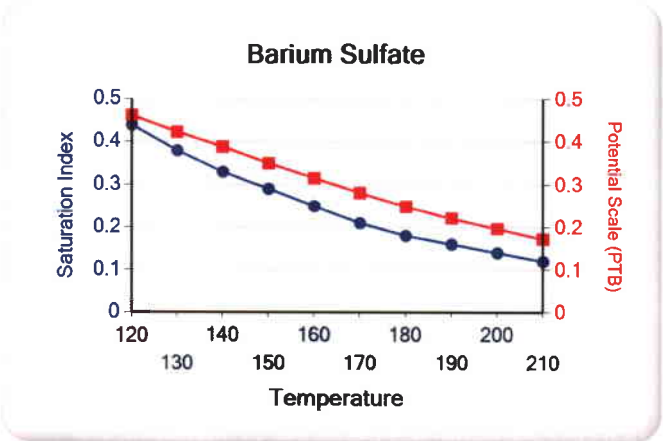
Water Analysis Report

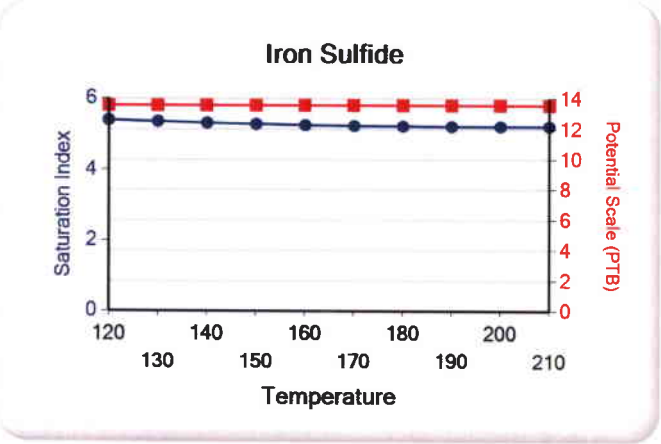
		Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.85	0.47	0.00	0.00	10.95	26.24	6.19	13.96	18.21	23.84
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.78	0.47	0.00	0.00	10.64	26.23	6.02	13.96	18.02	23.84
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	0.47	0.00	0.00	10.33	26.22	5.86	13.96	17.83	23.84
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.64	0.47	0.00	0.00	10.00	26.20	5.68	13.96	17.64	23.84
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.56	0.47	0.00	0.00	9.67	26.18	5.51	13.95	17.44	23.84
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47	0.47	0.00	0.00	9.33	26.15	5.33	13.95	17.24	23.84
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.37	0.47	0.00	0.00	8.99	26.11	5.15	13.95	17.04	23.84
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.27	0.47	0.00	0.00	8.64	26.06	4.97	13.94	16.84	23.84
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.17	0.47	0.00	0.00	8.28	26.00	4.80	13.94	16.64	23.84
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.05	0.47	0.00	0.00	7.93	25.92	4.62	13.93	16.44	23.84

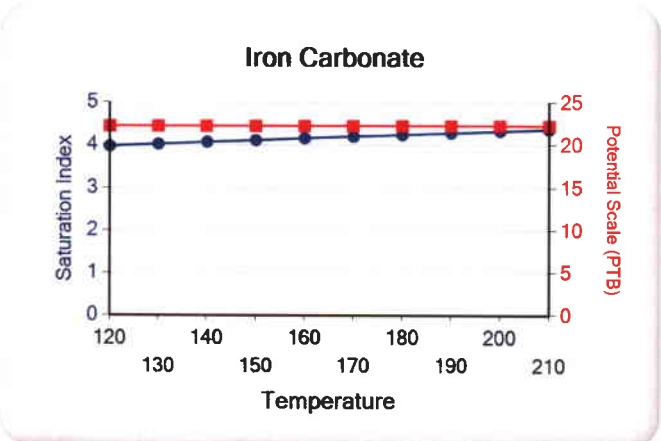
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

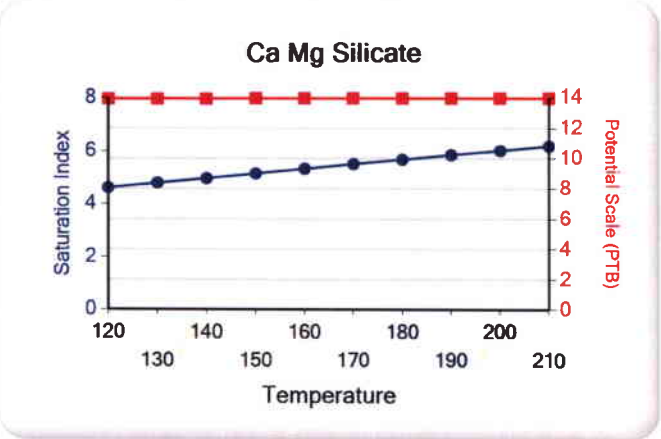
These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

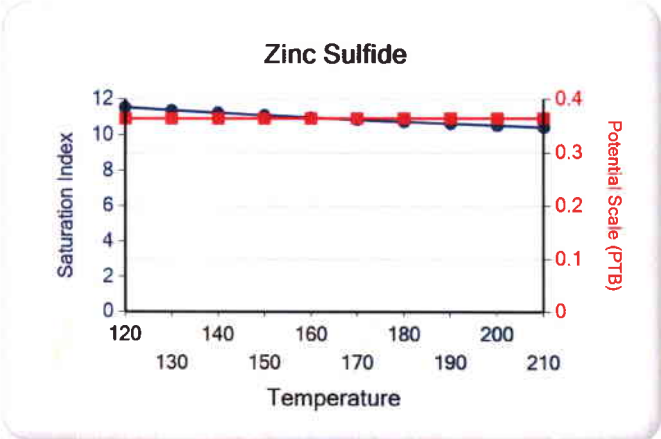


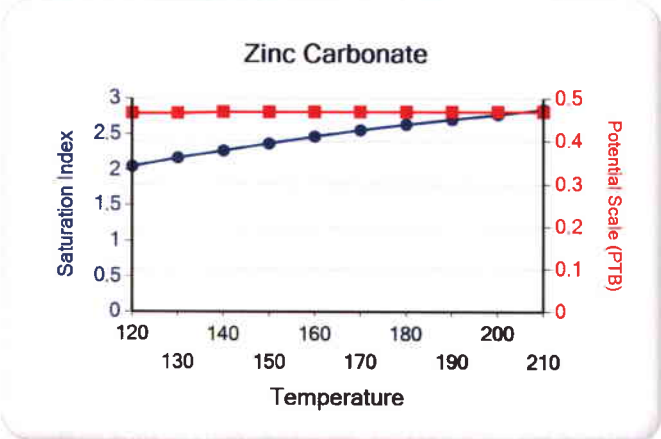


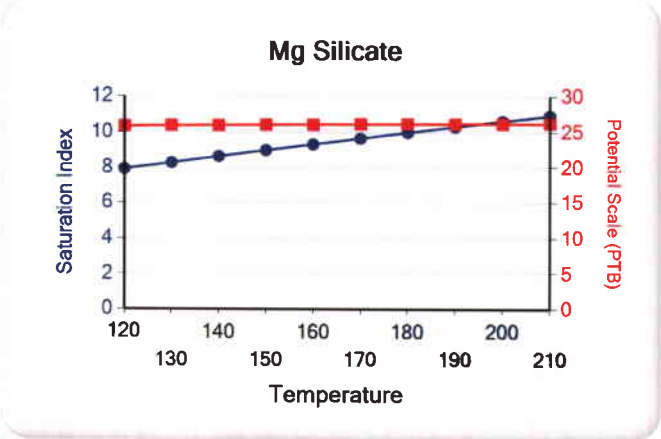


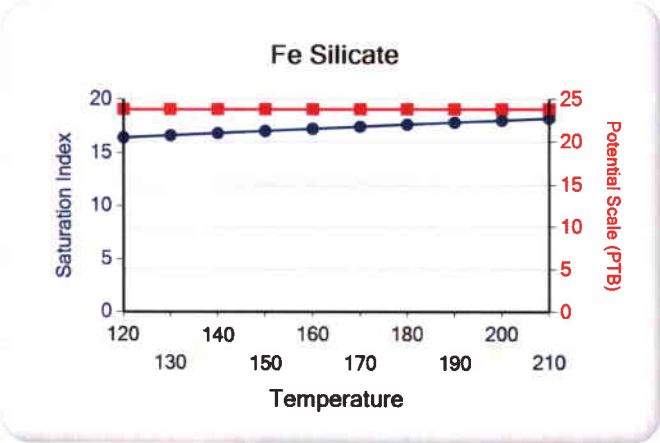



Ca Mg Silicate
Saturation Index
Potential Scale (PTB)
Temperature


Zinc Sulfide
Saturation Index
Potential Scale (PTB)
Temperature


Zinc Carbonate
Saturation Index
Potential Scale (PTB)
Temperature


Mg Silicate
Saturation Index
Potential Scale (PTB)
Temperature


Fe Silicate
Saturation Index
Potential Scale (PTB)
Temperature
20
15
10
5
0
25
20
15
10
5
0
120
130
140
150
160
170
180
190
200
210

ATTACHMENT F
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Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

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Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **SWDIF**
Sample Point: **After Filter**
Sample Date: **12/4/2012**
Sample ID: **WA-229142**

Sales Rep: **Michael McBride**
Lab Tech: **Gary Peterson**

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

Sample Specifics	
Test Date:	12/5/2012
System Temperature 1 (°F):	120.00
System Pressure 1 (psig):	60.0000
System Temperature 2 (°F):	210.00
System Pressure 2 (psig):	60.0000
Calculated Density (g/ml):	0.999
pH:	6.80
Calculated TDS (mg/L):	2304.49
CO_2 in Gas (%):	
Dissolved CO_2 (mg/L)):	15.00
H_2S in Gas (%):	
H_2S in Water (mg/L):	2.50

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	734.93	Chloride (Cl):	1000.00
Potassium (K):	11.00	Sulfate (SO_4):	120.00
Magnesium (Mg):	26.00	Bicarbonate (HCO_3):	366.00
Calcium (Ca):	46.20	Carbonate (CO_3):	
Strontium (Sr):		Acetic Acid (CH_3COO)	
Barium (Ba):	0.17	Propionic Acid (C_2H_5COO)	
Iron (Fe):	0.13	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	0.02	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	0.00	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	0.04	Silica (SiO_2):	

Notes:
9:30

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum $CaSO_4 \cdot 2H_2O$		Celestite $SrSO_4$		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.28	10.64	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	0.01
200.00	60.00	0.19	7.48	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.01
190.00	60.00	0.11	4.25	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.01
180.00	60.00	0.02	0.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.01
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.01
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.01
150.00	60.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.01
140.00	60.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.01
130.00	60.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.01
120.00	60.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	0.01

Multi-Chem Analytical Laboratory
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ATTACHMENT F
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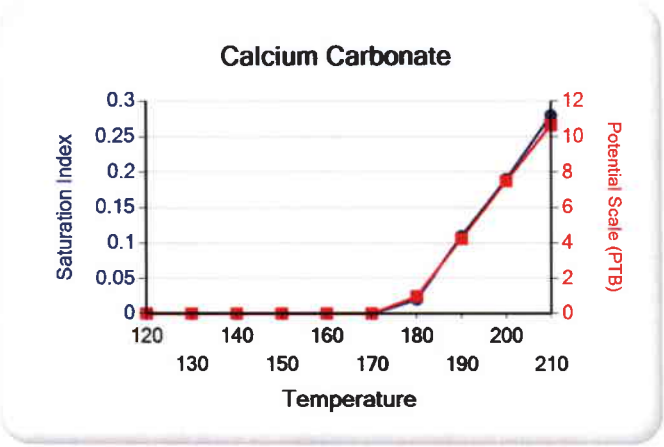
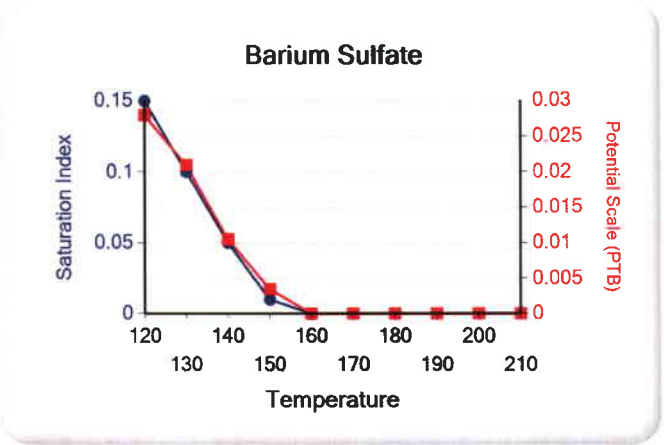
Water Analysis Report

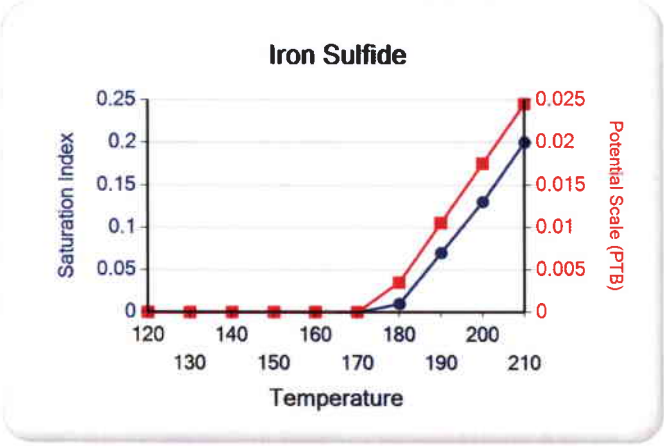
		Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

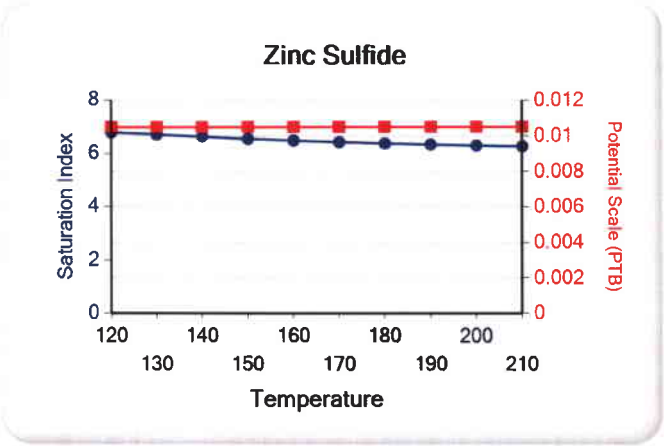
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Zinc Sulfide

These scales have positive scaling potential under final temperature and pressure: Barium Sulfate Zinc Sulfide









Attachment "G"

Federal #4-30-9-16
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
5333	5344	5339	1726	0.76	1691
5210	5216	5213	1629	0.75	1595 ←
4994	5004	4999	1914	0.82	1882
4708	4718	4713	2641	0.99	2610
4482	4606	4544	1964	0.87	1935
				Minimum	1595

Calculation of Maximum Surface Injection Pressure
Pmax = (Frac Grad -(0.433*1.015)) x 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.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

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

ATTACHMENT G-1

1 of 5

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name:	FEDERAL 3-30-9-16
AFE:	16011
Report Date:	6/19/09
Operation:	Waiting on frac crew

Field:	GMBU CTB3	Rig Name:	Rigless	Work Performed:	6/18/2009
Location:	S30 T9S R16E	Supervisor:	Orson Barney	Day:	1
County:	DUCHESNE	Phone:	435-823-6778	Daily Cost:	12,084
State:	UT	Email:	obarney@newfield.com	Cum DCR:	12,084
				Cum. Well Cost:	301,687

24 Hr Summary:	CBL & shot 1st stage.
24 Hr Plan Forward:	Wait on frac crew.

Incidents:	None	Newfield Pers:	1	Contract Pers:	5	Conditions:	

Critical Comments

0 Hr(s); P : 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 @ 6255' cement top @ 54'. Perforate stage #1. CP3 sds @ 5339- 44', 5333- 36' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 3 spf for total of 24 shots. RD WL. 135 BWTR. SWIFN.

ATTACHMENT G-1

2 of 5

NEWFIELD ROCKY MOUNTAINS

Daily Completion Report

Well Name: FEDERAL 3-30-9-16
AFE: 16011
Report Date: 6/26/09
Operation: Fracing

Field:	GMBU CTB3	**Rig Name:**	Rigless	**Work Performed:**	6/25/2009
Location:	S30 T9S R16E	**Supervisor:**	Don Dulen	**Day:**	2
County:	DUCHESNE	**Phone:**	435-823-6772	**Daily Cost:**	$131,142
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$143,226
				Cum. Well Cost:	$432,829

24 Hr Summary:	Frac well.
24 Hr Plan Forward:	Wait on completion rig.

Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	17	**Conditions:**	

Critical Comments

0 Hr(s); P : RU BJ Services. 21 psi on well. Broke @ 3785 psi. ISIP @ 1726 psi, 1 min @ 908 psi, 4 min @ 801 psi. FG @ .76. Frac CP3 sds w/ 15,090#'s of 20/40 sand in 186 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2197 psi w/ ave rate of 21.2 BPM. ISIP 1922 psi, 5 min @ 1731 psi, 10 min @ 1672 psi, 15 min @ 1608 psi. FG @ .79. Leave pressure on well. 421 BWTR.

0 Hr(s); P : The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 6' perf gun. Set plug @ 5250'. Perforate CP1 sds @ 5210-16' w/ 3 1/8" slick gun (.49" EH, 19 gram, 120°) w/ 3 spf for total of 18 shots. RU BJ Services. 1503 psi on well. Broke @ 3028 psi. ISIP @ 1629 psi. Pressure dropped below open pressure. Skipped 1 & 4 min shut ins. FG @ .75. Frac CP1 sds w/ 15,050#'s of 20/40 sand in 276 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2375 psi w/ ave rate of 15.8 BPM. ISIP 2103 psi. Skipped 5, 10 & 15 min shut ins. FG @ .84. Leave pressure on well. 697 BWTR.

0 Hr(s); P : The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 10' perf gun. Set plug @ 5060'. Perforate LODC sds @ 4994-5004' w/ 3 1/8" slick gun (.49" EH, 19 gram, 120°) w/ 3 spf for total of 30 shots. RU BJ Services. 1682 psi on well. Broke @ 3408 psi. ISIP @ 1914 psi, 1 min @ 1813 psi, 4 min @ 1700 psi. FG @ .82. Frac LODC sds w/ 40,814#'s of 20/40 sand in 419 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2793 psi w/ ave rate of 26.9 BPM. ISIP 2647 psi, 5 min @ 2489 psi, 10 min @ 2442 psi, 15 min @ 2406 psi. FG @ .96. Leave pressure on well. 1116 BWTR.

0 Hr(s); P : The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 10' perf gun. Set plug @ 4790'. Perforate A1 sds @ 4708-18' w/ 3 1/8" slick gun (.49" EH, 19 gram, 120°) w/ 3 spf for total of 30 shots. RU BJ Services. 2299 psi on well. Broke @ 3880 psi. Pressure dropped below open pressure. Skipped ISIP & shut ins. Frac A1 sds w/ 55,392#'s of 20/40 sand in 496 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2531 psi w/ ave rate of 27.5 BPM. ISIP @ 2641 psi. FG @ .99. Leave pressure on well. 1612 BWTR.

0 Hr(s); P : The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 2- 4', 6' perf guns. Set plug @ 4650'. Perforate B2 sds @ 4600-06', B.5 sds @ 4536-40' & C sds @ 4482-86' w/ 3 1/8" slick gun (.49" EH, 19 gram, 120°) w/ 3 spf for total of 42 shots. RU BJ Services. 1475 psi on well. Broke @ 2632. Pressure dropped below open pressure. Skipped ISIP & shut ins. Frac B2/B.5/C sds w/ 127,786#'s of 20/40 sand in 899 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2359 psi w/ ave rate of 41.4 BPM. ISIP 1964 psi. FG @ .87. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 6.5 hrs. Recovered 900 bbls. 36% of load. SWIFN. 1611 BWTR.

ATTACHMENT G-1

3 of 5

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name: FEDERAL 3-30-9-16
AFE: 16011
Report Date: 6/30/09
Operation: PU tbg.

Field:	GMBU CTB3	**Rig Name:**	Nabors #822	**Work Performed:**	6/29/2009
Location:	S30 T9S R16E	**Supervisor:**	Don Dulen	**Day:**	3
County:	DUCHESNE	**Phone:**	435-823-6772	**Daily Cost:**	$13,500
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$156,726
				Cum. Well Cost:	$446,329

24 Hr Summary:	PU tbg. DU CBPs. C/O to PBTD @ 5664'. SWIFN.
24 Hr Plan Forward:	Swab for cleanup.

Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	6	**Conditions:**	

Critical Comments

0 Hr(s); P : MIRU Nabors #822. ND Cameron BOP & 5m frac head. NU 3m production head & Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from pipe rack (tallying & drifting). Tag sand @ 4640'. RU powerswivel & pump. C/O to CBP @ 4650'. DU CBP in 20 min. Cont. RIH w/ tbg. Tag CBP @ 4790'. DU CBP in 30 min. Cont. RIH w/ tbg. Tag CBP @ 5060'. DU CBP in 35 min. Cont. RIH w/ tbg. Tag CBP @ 5250'. DU CBP in 30 min. Cont. RIH w/ tbg. Tag fill @ 5512'. C/O to PBTD @ 5664'. Circulate well clean. RD powerswivel. Pull up to 5534'. SWIFN. 1711 BWTR.

ATTACHMENT G-1

4 of 5

NEWFIELD ROCKY MOUNTAINS

Daily Completion Report

Well Name: FEDERAL 3-30-9-16
AFE: 16011
Report Date: 7/1/09
Operation: PU rods.

Field:	GMBU CTB3	**Rig Name:**	Nabors #822	**Work Performed:**	6/30/2009
Location:	S30 T9S R16E	**Supervisor:**	Don Dulen	**Day:**	4
County:	DUCHESNE	**Phone:**	435-823-6772	**Daily Cost:**	$5,930
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$162,656
				Cum. Well Cost:	$452,259

24 Hr Summary:	Swab for cleanup. Round trip tbg. PU rods.
24 Hr Plan Forward:	RU pumping unit. Put well on production.

Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	5	**Conditions:**	

Critical Comments

0 Hr(s); P : RIH w/ swab. SFL @ surface. Made 16 runs. Recovered 150 bbls. Trace of sand. No show of gas. Trace of oil. EFL @ 1200'. RD swab. RIH w/ tbg. Tag PBTD @ 5664'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 172 tbg. ND BOP. Set TAC @ 5300' w/ 18,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ Central Hydraulic 2 1/2" x 1 1/2" x 20' RHAC rod pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 88- 3/4" slick rods, 99- 3/4" guided rods, 1 1/2" x 26' polished rod. SWIFN. 1771 BWTR.

ATTACHMENT G-1
5 of 5

NEWFIELD
ROCKY MOUNTAINS

Final Daily Completion Report

Well Name: FEDERAL 3-30-9-16
AFE: 16011
Report Date: 7/2/09
Operation: Put well on production

Field:	GMBU CTB3	**Rig Name:**	Nabors #822	**Work Performed:**	7/1/2009
Location:	S30 T9S R16E	**Supervisor:**	Don Dulen	**Day:**	5
County:	DUCHESNE	**Phone:**	435-823-6772	**Daily Cost:**	$24,948
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$187,604
				Cum. Well Cost:	$477,207

24 Hr Summary:	Put well on production.						
24 Hr Plan Forward:	Produce well.						
Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	5	**Conditions:**	

Critical Comments

0 Hr(s); P : Stroke test to 800 psi w/ rig. Good pump action. RU pumping unit. Hang off rods. RD. Put well on production @ 9:00 a.m. 4 spm. Final Report.

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4432'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	186' balance plug using 23 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 55 sx Class "G" cement down 5 ½" casing to 378'

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

ATTACHMENT H-1

Federal 3-30-9-16

Spud Date: 5/16/2009
Put on Production: 7/1/2009

GL: 6067' KB: 6079'

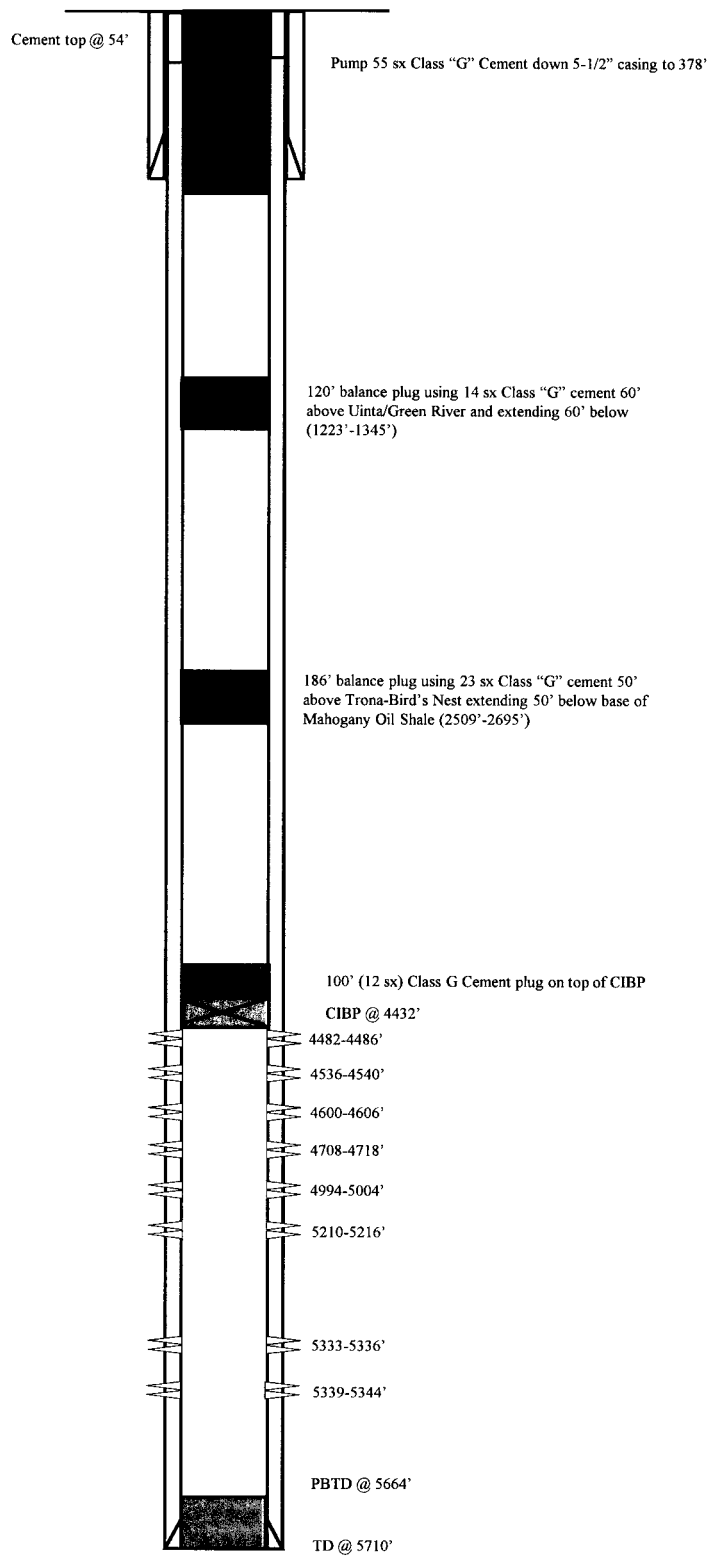
Proposed P & A
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (277')
DEPTH LANDED: 328' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 152 jts (5704 ')
DEPTH LANDED: 5704'
HOLE SIZE: 7-7/8"
CEMENT DATA: 280 sx Prem. Lite and 400 sx 50/50 poz
CEMENT TOP AT: 54'



NEWFIELD

Federal 3-30-9-16

749' FNL & 2042' FWL NE/NW

Section 30-T9S-R16E

Duchesne Co, Utah

API # 43-013-33454; Lease # UTU-74391

JL 3/7/2013

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-410

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 15, 18, 19, 20, and 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:
Ashley Federal 10-15-9-15 well located in NW/4 SE/4, Section 15, Township 9 South, Range 15 East
API 43-013-32471
West Point U 12-6-9-16 well located in NW/4 SW/4, Section 6, Township 9 South, Range 16 East
API 43-013-31765
Jonah Federal 16-15-9-16 well located in SE/4 SE/4, Section 15, Township 9 South, Range 16 East
API 43-013-32754
Federal 12-18-9-16 well located in NW/4 SW/4, Section 18, Township 9 South, Range 16 East
API 43-013-32998
Federal 14-18-9-16 well located in SE/4 SW/4, Section 18, Township 9 South, Range 16 East
API 43-013-33000
Federal 13-19-9-16 well located in SW/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33103
Monument Federal 22-20-9-16 well located in SE/4 NW/4, Section 20, Township 9 South, Range 16 East
API 43-013-31681
Federal 3-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East
API 43-013-33454

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 11th day of June, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 10-15-9-15, WEST POINT U 12-6-9-16,
JONAH FEDERAL 16-15-9-16, FEDERAL 12-18-9-16,
FEDERAL 14-18-9-16, FEDERAL 13-19-9-16
MONUMENT FEDERAL 22-20-9-16, FEDERAL 3-30-9-16**

Cause No. UIC-410

Publication Notices were sent to the following:

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

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

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

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

Ute Tribe
P O Box 190
Ft. Duchesne, UT 84026

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Jean Sweet

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 11, 2013

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-410

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

Jean Sweet
Executive Secretary

Enclosure

Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-410

Cindy Kleinfelter <classifieds@ubstandard.com> Wed, Jun 12, 2013 at 10:20 AM
To: Jean Sweet <jsweet@utah.gov>

On 6/11/2013 2:40 PM, Jean Sweet wrote:

To Whom It May Concern:

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

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

--
Jean Sweet
Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-532

This will run June 18.
Thank you,
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 11, 2013

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-410

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

Jean Sweet
Executive Secretary

Enclosure

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

UTAH DNR
OIL, GAS & MINING

Proof for Notice

Stowe, Ken <naclegal@mediaoneutah.com> Tue, Jun 11, 2013 at 3:21 PM
Reply-To: "Stowe, Ken" <naclegal@mediaoneutah.com>
To: jsweet@utah.gov

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West Valley City, UT 84170

Order Confirmation for Ad #0000886505-01

Client	DIV OF OIL-GAS & MINING	**Payor Customer**	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	**Payor Phone**	801-538-5340
Account#	9001402352	**Payor Account**	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	**Payor Address**	1594 W NORTH TEMP #1210,P.O. BO) SALT LAKE CITY, UT 84114
Fax	801-359-3940	**Ordered By**	**Acct. Exec**
EMail	juliecarter@utah.gov	Jean	kstowe

Total Amount	**$267.08**			
Payment Amt	**$0.00**	**Tear Sheets**	**Proofs**	**Affidavits**
Amount Due	**$267.08**	0	0	1

Payment Method **PO Number** Cause No. UIC-410

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 78 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	6/14/2013	
Product	**Placement**	**Position**
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	6/14/2013	
Product	**Placement**	**Position**
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	6/14/2013	
Product	**Placement**	**Position**
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	6/14/2013	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-410

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 15, 18, 19, 20, and 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Greater Monument Butte Unit:
Ashley Federal 10-15-9-15 well located in NW/4 SE/4, Section 15, Township 9 South, Range 15 East
API 43-013-32471
West Point U 12-6-9-16 well located in NW/4 SW/4, Section 6, Township 9 South, Range 16 East
API 43-013-31765
Jonah Federal 16-15-9-16 well located in SE/4 SE/4, Section 15, Township 9 South, Range 16 East
API 43-013-32754
Federal 12-18-9-16 well located in NW/4 SW/4, Section 18, Township 9 South, Range 16 East
API 43-013-32998
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Federal 13-19-9-16 well located in SW/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33103
Monument Federal 22-20-9-16 well located in SE/4 NW/4, Section 20, Township 9 South, Range 16 East
API 43-013-31681
Federal 3-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East
API 43-013-33454

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 11th day of June, 2013.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

886505 UPAXLP

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663
801-204-6910

The Salt Lake Tribune — MEDIAONE OF UTAH — Deseret News

PROOF OF PUBLICATION

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CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	6/14/2013

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	**ADORDER# / INVOICE NUMBE**
8015385340	0000886505 /
SCHEDULE	
Start 06/14/2013	End 06/14/2013
CUST. REF. NO.	
Cause No. UIC-410	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RE	
SIZE	
78 Lines	2.00 COLUMN
TIMES	**RATE**
4	
MISC. CHARGES	**AD CHARGES**
	TOTAL COST
	267.08

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-410

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUC TION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAI WELLS LOCATED IN SECTION 15, TOWNSHIP 9 SOUTH, RANG 15 EAST, AND SECTIONS 6, 15, 18, 19, 20, and 30, TOWN SHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, A CLASS II INJECTION WELLS.

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API 43-013-32754
Federal 12-18-9-16 well located in NW/4 SW/4, Sectio 18, Township 9 South, Range 16 East
API 43-013-32998
Federal 14-18-9-16 well located in SE/4 SW/4, Section 1 Township 9 South, Range 16 East
API 43-013-33000
Federal 13-19-9-16 well located in SW/4 SW/4, Sectio 19, Township 9 South, Range 16 East
API 43-013-33103
Monument Federal 22-20-9-16 well located in SE/4 NW/ Section 20, Township 9 South, Range 16 East
API 43-013-31681
Federal 3-30-9-16 well located in NE/4 NW/4, Section 3 Township 9 South, Range 16 East
API 43-013-33454

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

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

Any person desiring to object to the application or otherwi intervene in the proceeding, must file a written protest or n tice of intervention with the Division within fifteen days fo lowing publication of this notice. The Division's Presiding Off cer for the proceeding is Brad Hill, Permitting Manager, P.O. Box 145801, Salt Lake City, UT 84114-5801, phon number (801) 538-5340. If such a protest or notice of inte vention is received, a hearing will be scheduled in accor ance with the aforementioned administrative procedur rules. Protestants and/or interveners should be prepared demonstrate at the hearing how this matter affects their i terests.

Dated this 11th day of June, 2013.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

886505 UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-410 IN THE MATTER OF THE APPLICA** FOR **DIV OF OIL-GAS & MINING,** WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 06/14/2013 End 06/14/2013

VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581469
My Commission Expires
January 12, 2014

SIGNATURE

6/14/2013

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 18 day of June, 2013, and that the last publication of such notice was in the issue of such newspaper dated the 18 day of June, 2013, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Kevin Ashby
Publisher

Subscribed and sworn to before me on this
19 day of June, 2013
by Kevin Ashby.

Bonnie Parrish
Notary Public

Notary Public
BONNIE PARRISH
Commission #595477
My Commission Expires
February 20, 2014
State of Utah

NOTICE OF AGENCY ACTION CAUSE NO. UIC-410

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 15, 18, 19, 20, and 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:

Ashley Federal 10-15-9-15 well located in NW/4 SE/4, Section 15, Township 9 South, Range 15 East
API 43-013-32471

West Point U 12-6-9-16 well located in NW/4 SW/4, Section 6, Township 9 South, Range 16 East
API 43-013-31765

Jonah Federal 16-15-9-16 well located in SE/4 SE/4, Section 15, Township 9 South, Range 16 East
API 43-013-32754

Federal 12-18-9-

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 11th day of June, 2013.

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

Published in the Uintah Basin Standard June 18, 2013.

Bonnie Parrish

Notary Public

Notary Public
BONNIE PARRISH
Commission #684407
My Commission Expires
February 20, 2016
State of Utah

injection wells:

Greater Monument Butte Unit:

Ashley Federal 10-15-9-15 well located in NW/4 SE/4, Section 15, Township 9 South, Range 15 East

API 43-013-32471

West Point U 12-6-9-16 well located in NW/4 SW/4, Section 6, Township 9 South, Range 16 East

API 43-013-31765

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

API 43-013-32754

Federal 12-18-9-16 well located in NW/4 SW/4, Section 18, Township 9 South, Range 16 East

API 43-013-32998

Federal 14-18-9-16 well located in SE/4 SW/4, Section 18, Township 9 South, Range 16 East

API 43-013-33000

Federal 13-19-9-16 well located in SW/4 SW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33103

Monument Federal 22-20-9-16 well located in SE/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-31681

Federal 3-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East

API 43-013-33454

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

Permitting Manager

Published in the Uintah Basin Standard June 18, 2013.

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

Applicant: Newfield Production Company **Well:** Federal 3-30-9-16

Location: 30/9S/16E **API:** 43-013-33454

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 328 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,704 feet. The cement bond log is problematic but appears to demonstrate adequate bond in this well up to at least 2,800 feet. A 2 7/8 inch tubing with a packer will be set at 4,432 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 10 producing wells in the AOR. One of the wells shown as a producing well has been converted to an injection well, but it has not yet begun injecting. 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 2500 feet. Injection shall be limited to the interval between 3,644 feet and 5,664 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 3-30-9-16 well is 0.75 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,595 psig. The requested maximum pressure is 1,595 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.

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: 6/20/2013

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 10, 2013

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

Subject: Greater Monument Butte Unit Well: Federal 3-30-9-16, Section 30, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33454

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.

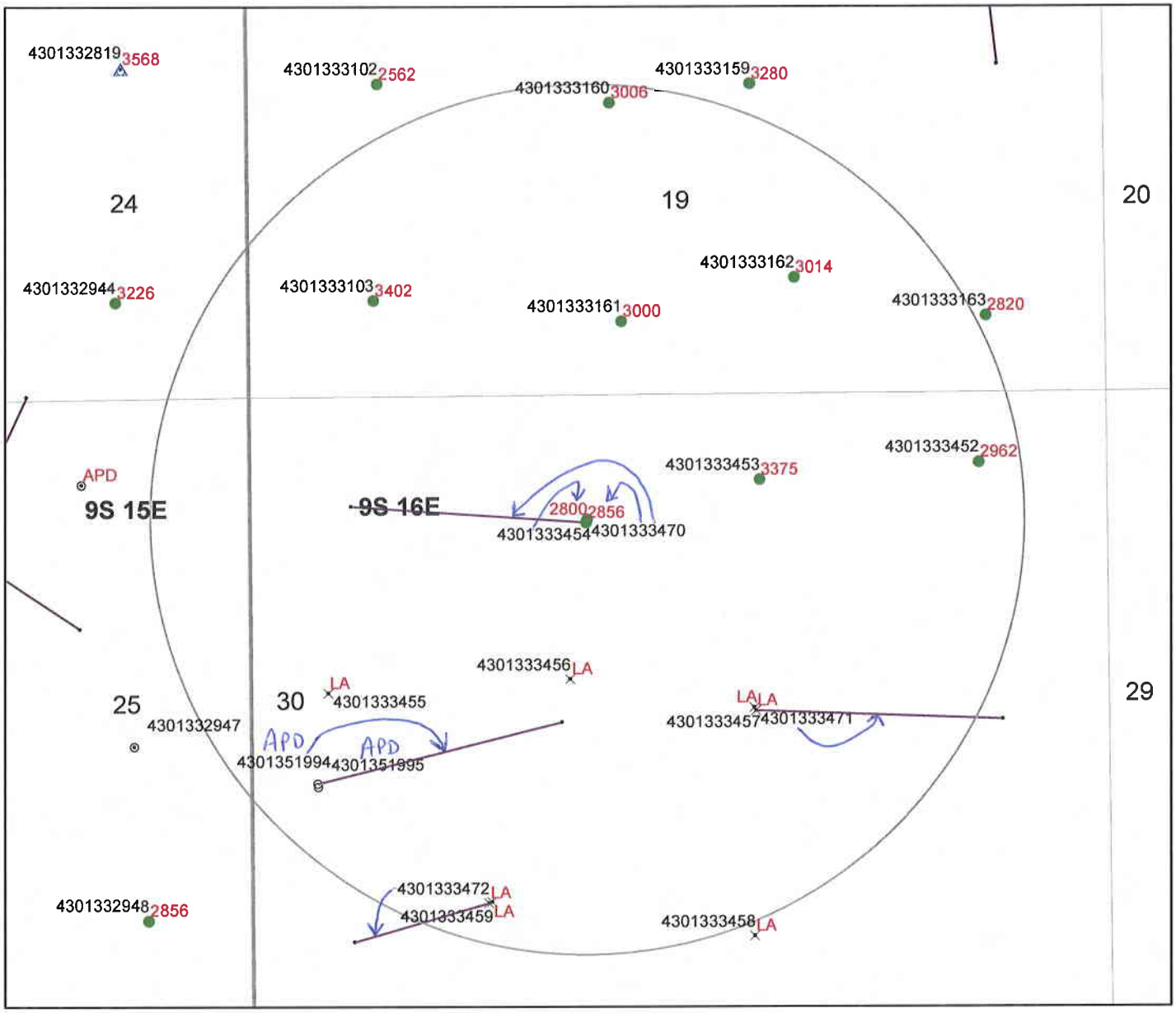
5. The top of the injection interval shall be limited to a depth no higher than 3,644 feet in the Federal 3-30-9-16 well.

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 3-30-9-16
API #43-013-33454
UIC-410.8

N

Miles
0 0.05 0.1 0.2 0.3 0.4

Legend

Oil & Gas Well Type

- APD-Approved Permit
- DRL-Spudded (Drilling Commenced)
- GIW-Gas Injection Well
- GSW-Gas Storage Well
- LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- PA-Pugged & Abandoned
- PGW-Producing Gas Well
- POW-Producing Oil Well
- RET-Returned APD
- SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- TA-Temp Abandoned
- TW-Test Well
- WDW-Water Disposal Well
- WIW-WaterInjection Well
- WSW-Water Supply Well

4585 Depth to top of suitable cement bond

Well Bottom Hole Location

Oil & Gas Wells Hole Directional Path
Wells-CbltopsMaster 1-31-13

DNR Oil Gas Wells Buffer

County Boundaries

PLSS Sections

PLSS Townships

GARY R. HERBERT
Governor

SPENCER J. COX
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-410

Operator: Newfield Production Company

Well: Federal 3-30-9-16

Location: Section 30, Township 9 South, Range 16 East

County: Duchesne

API No.: 43-013-33454

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 10, 2013.
2. Maximum Allowable Injection Pressure: 1,595 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,644' – 5,664')
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

10/24/13
Date

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File
N:\O&G Reviewed Docs\ChronFile\UIC