NEWFIELD

January 12, 2005

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

RE: Applications for Permit to Drill: 3-21-9-16, 5-21-9-16, 6-21-9-16, 7-21-9-16, 8-21-9-16, 3-22-9-16, 5-22-9-16, 6-22-9-16, and 7-22-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 6-22-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
JAN 13 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-64379

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

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

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

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

8. Lease Name and Well No.: Federal 6-21-9-16

2. Name of Operator: Newfield Production Company

9. API Well No.: 43-013-33021

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 SE/NW 2159' FNL 1887' FWL 574559X 40.017647

At proposed prod. zone 4429871Y -110.126339

11. Sec., T., R., M., or Blk. and Survey or Area: SE/NW Sec. 21, T9S R16E

14. Distance in miles and direction from nearest town or post office*: Approximatley 21.5 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. 481' f/lse, NA' f/unit	16. No. of Acres in lease: 1626.36	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. 1439'	19. Proposed Depth: 5985'	20. BLM/BIA Bond No. on file: UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.): 6019' GL	22. Approximate date work will start*: 1st Quarter 2006	23. Estimated duration: Approximately seven (7) days from spud to rig release.

24. Attachments

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

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	Name *(Printed/Typed)*	Date
Mandie Crozier	Mandie Crozier	1/11/06
Title: Regulatory Specialist		
Approved by *(Signature)*	Name *(Printed/Typed)*: BRADLEY G. HILL	Date: 01-23-06
Title: ENVIRONMENTAL SCIENTIST III	Office	

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

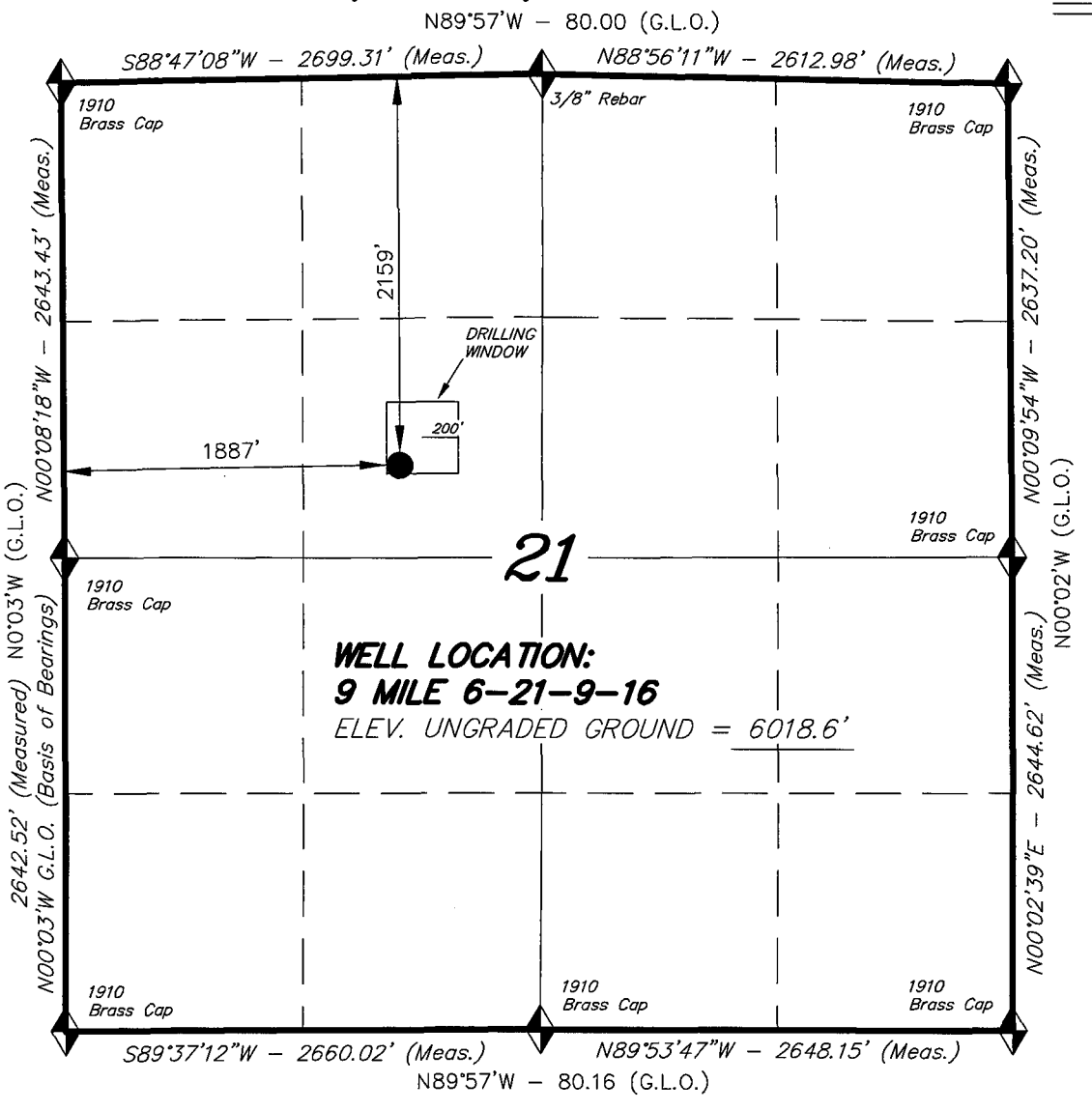
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**(Instructions on reverse)*

Federal Approval of this Action is Necessary

RECEIVED
JAN 13 2006
DIV. OF OIL, GAS & MINING

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



NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 6-21-9-16, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 21, 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 SE)

9 MILE 6-21-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 04.23"
LONGITUDE = 110° 07' 37.38"

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

DATE SURVEYED: 12-6-05	SURVEYED BY: K.G.S.
DATE DRAWN: 12-11-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #6-21-9-16
SE/NW SECTION 21, 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' – 2380'
Green River	2380'
Wasatch	5985'

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

Green River Formation 2380' – 5985' - 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 #6-21-9-16
SE/NW SECTION 21, 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 #6-21-9-16 located in the SE 1/4 NW 1/4 Section 21, 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 – 10.9 miles ± to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly – 9.0 miles ± to it's junction with the beginning of the proposed access road; proceed southeasterly along the proposed access road – 620'± to the proposed well location.

2. *PLANNED ACCESS ROAD*

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

3. *LOCATION OF EXISTING WELLS*

Refer to Exhibit "B".

4. *LOCATION OF EXISTING AND/OR PROPOSED FACILITIES*

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

5. *LOCATION AND TYPE OF WATER SUPPLY*

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

6. *SOURCE OF CONSTRUCTION MATERIALS*

Please refer to the Monument Butte Field SOP.

7. *METHODS FOR HANDLING WASTE DISPOSAL*

Please refer to the Monument Butte Field SOP.

8. *ANCILLARY FACILITIES*

Please refer to the Monument Butte Field SOP.

9. *WELL SITE LAYOUT*

See attached Location Layout Diagram.

10. *PLANS FOR RESTORATION OF SURFACE*

Please refer to the Monument Butte Field SOP.

11. *SURFACE OWNERSHIP* - Bureau Of Land Management

12. *OTHER ADDITIONAL INFORMATION*

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-240, 7/25/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #6-21-9-16 Newfield Production Company requests 620' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 620' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

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

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

Threatened, Endangered, And Other Sensitive Species
None.

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

Location and Reserve Pit Reclamation
Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection
The proposed Federal #6-21-9-16 was on-sited on 11/3/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

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

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #6-21-9-16 SE/NW Section 21, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

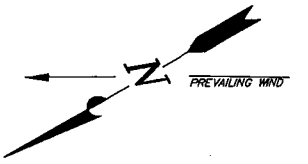
1/11/06
Date

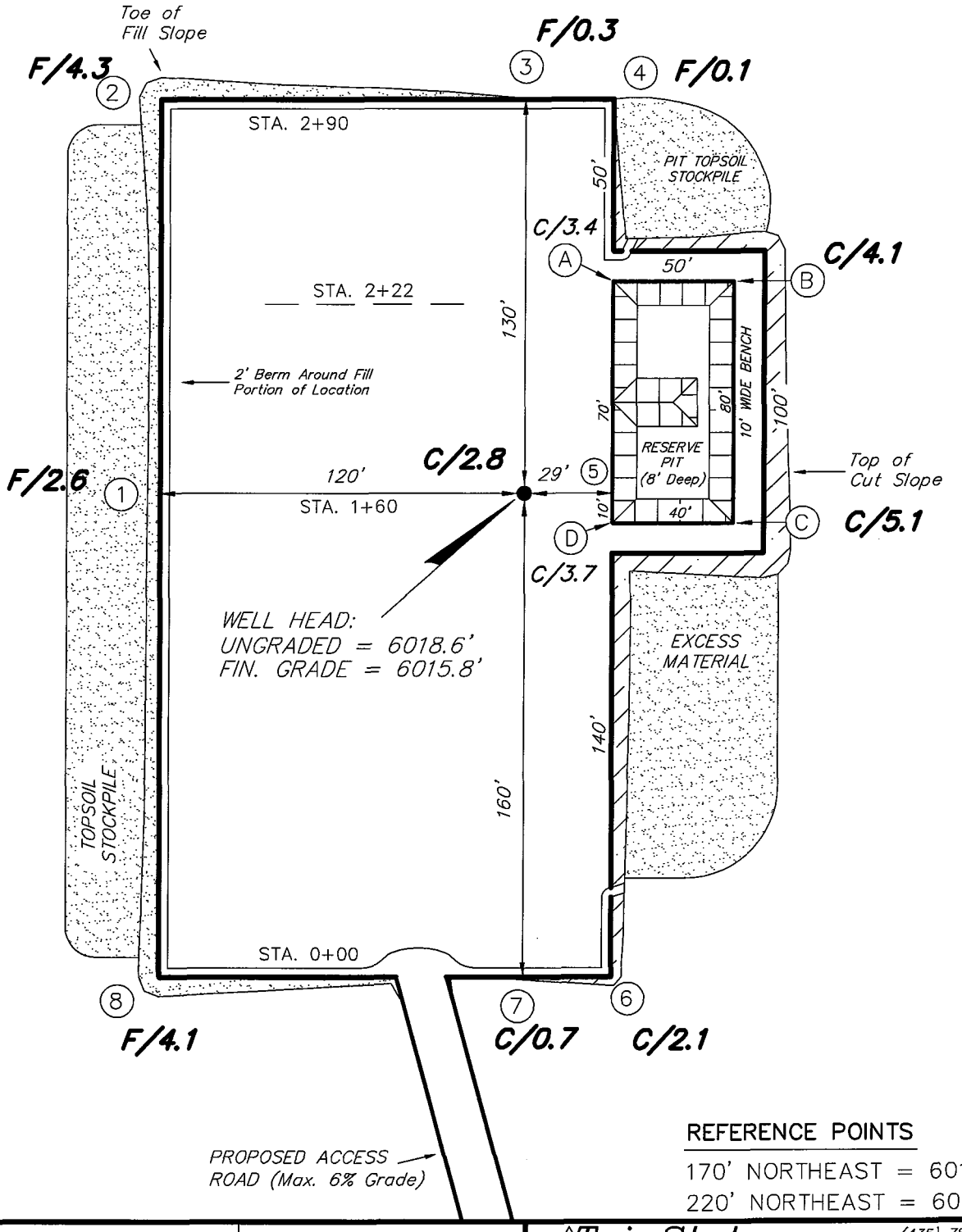
Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 6-21-9-16

Section 21, T9S, R16E, S.L.B.&M.





REFERENCE POINTS

170' NORTHEAST = 6012.0'

220' NORTHEAST = 6010.7'

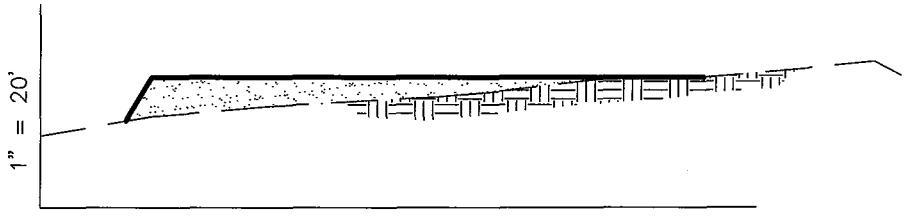
SURVEYED BY:	K.G.S.	SCALE:	1" = 50'
DRAWN BY:	F.T.M.	DATE:	12-9-05

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

NEWFIELD PRODUCTION COMPANY

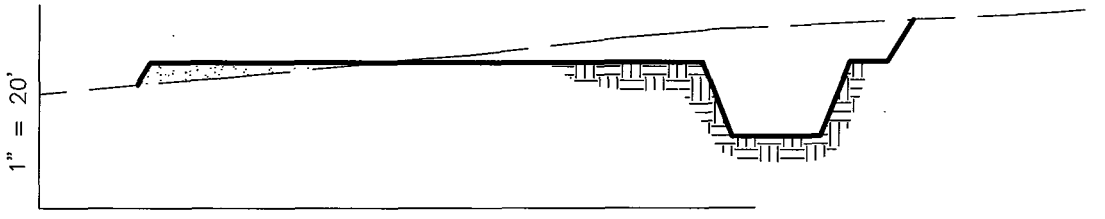
CROSS SECTIONS

9 MILE 6-21-9-16



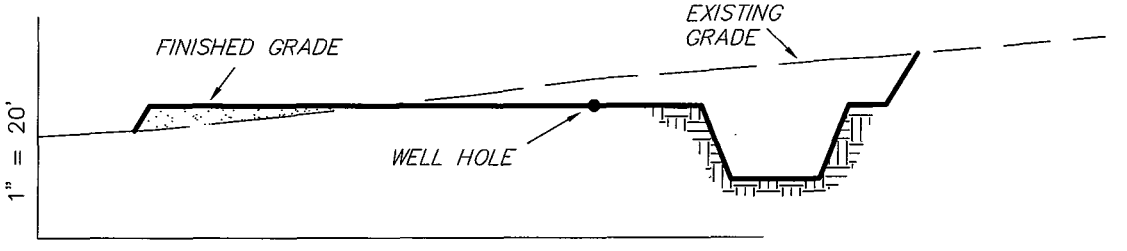
1" = 50'

STA. 2+90



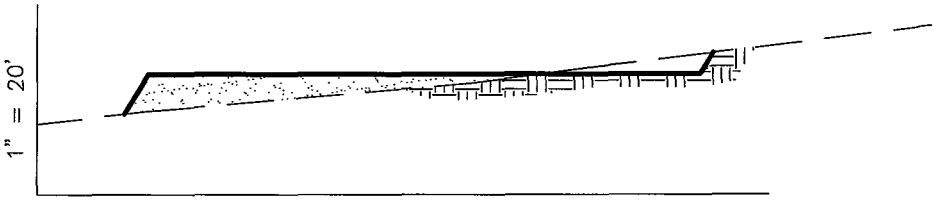
1" = 50'

STA. 2+22



1" = 50'

STA. 1+60



1" = 50'

STA. 0+00

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

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

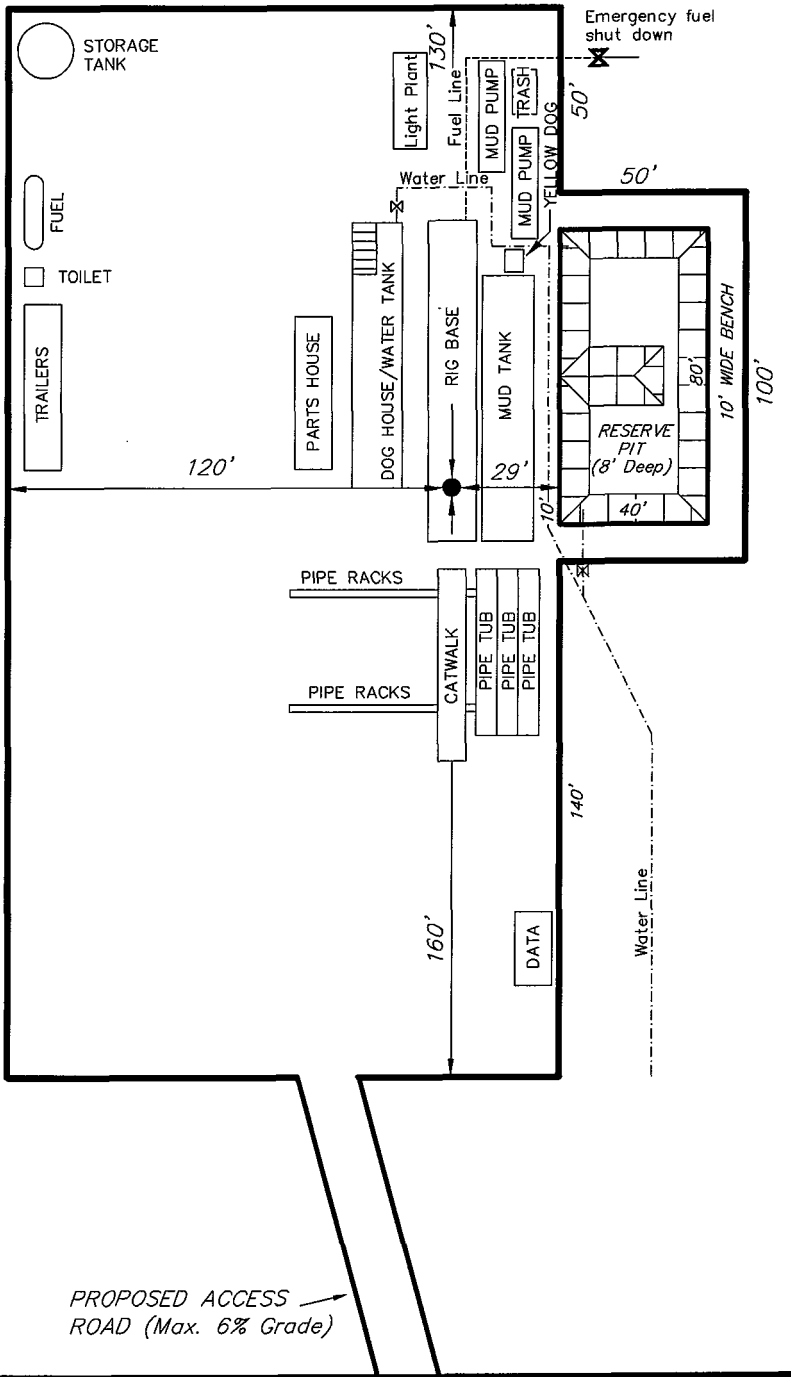
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,800	1,800	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,440	1,800	980	640

SURVEYED BY: K.G.S.	SCALE: 1" = 50'	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: F.T.M.	DATE: 12-9-05	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 6-21-9-16



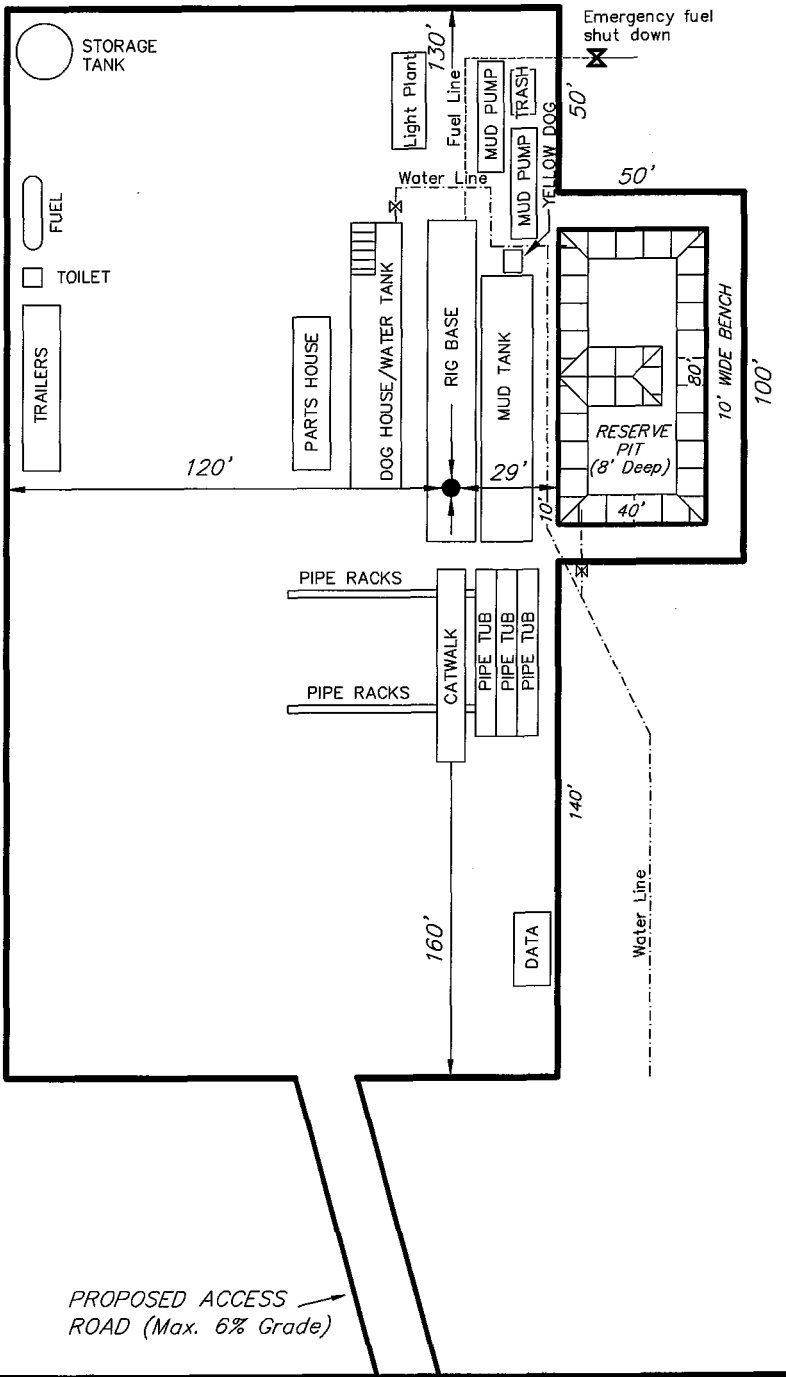
SURVEYED BY:	K.G.S.	SCALE:	1" = 50'
DRAWN BY:	F.T.M.	DATE:	12-9-05

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

NEWFIELD PRODUCTION COMPANY

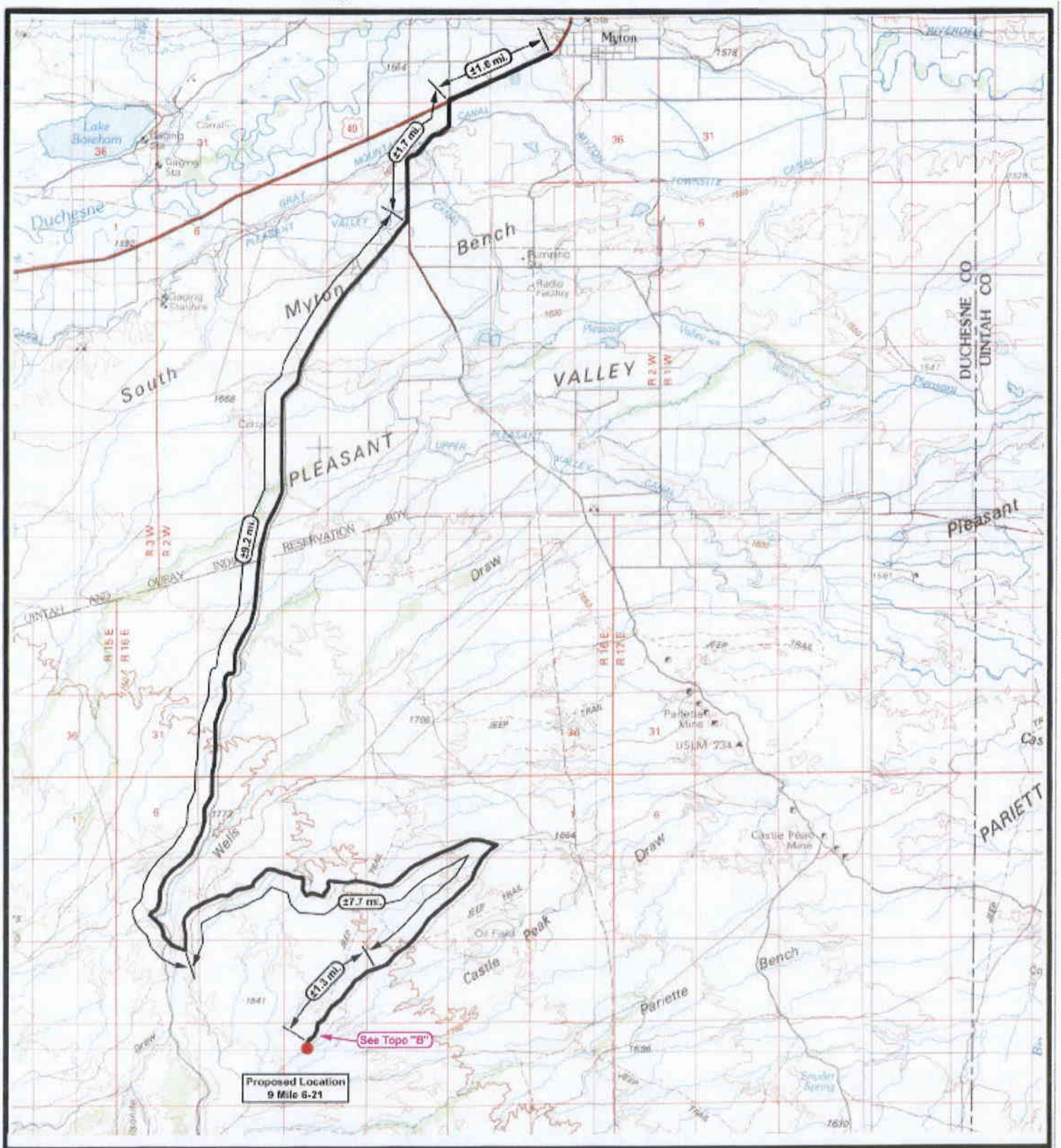
TYPICAL RIG LAYOUT

9 MILE 6-21-9-16



SURVEYED BY: K.G.S.		SCALE:	1" = 50'
DRAWN BY: F.T.M.		DATE:	12-9-05

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



NEWFIELD
Exploration Company

9 Mile 6-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.

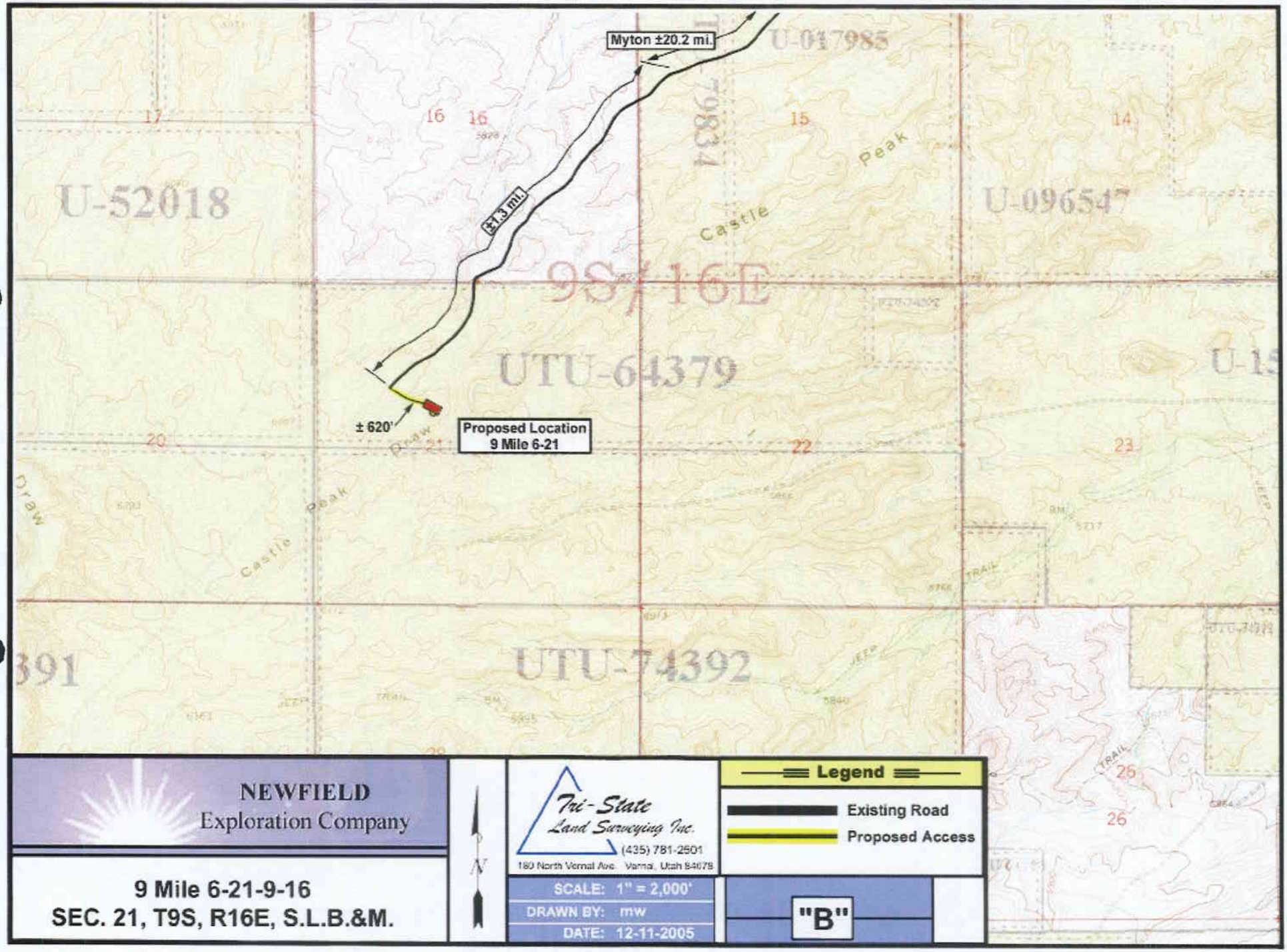
N

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

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 12-12-2005

Legend
Existing Road

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 6-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.

N

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

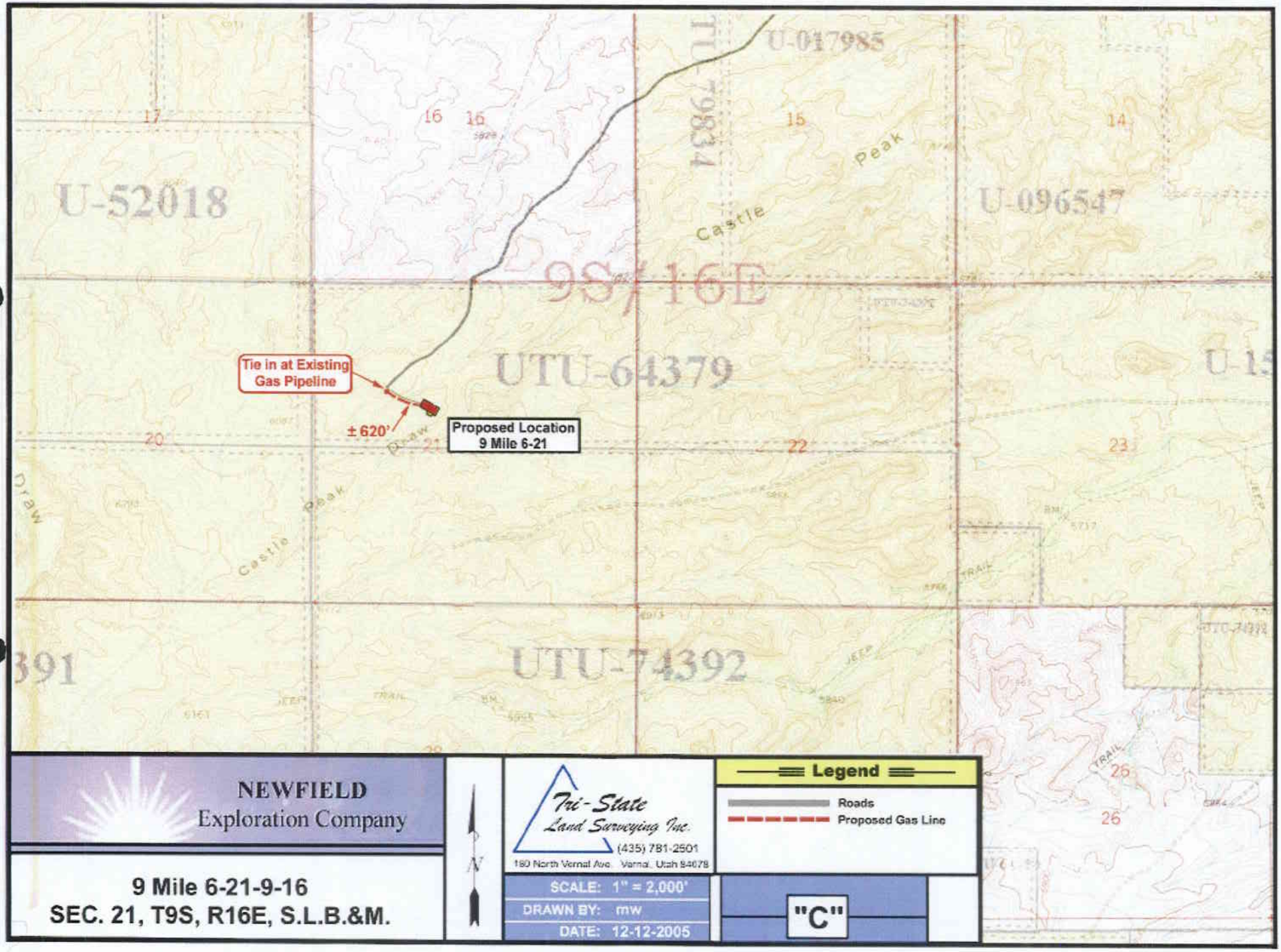
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 12-11-2005

Legend

Existing Road

Proposed Access

"B"



NEWFIELD
Exploration Company

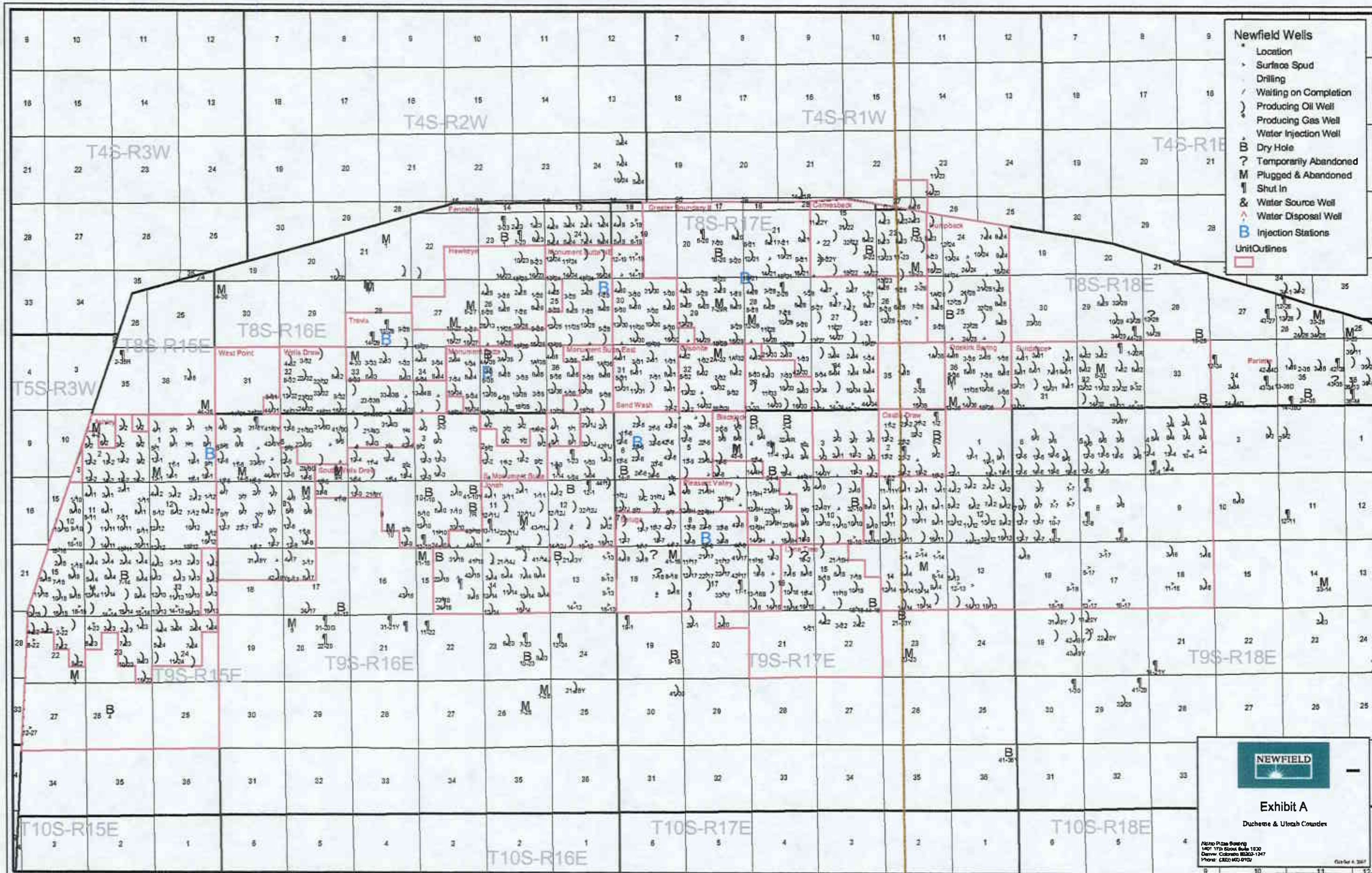
9 Mile 6-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.

N

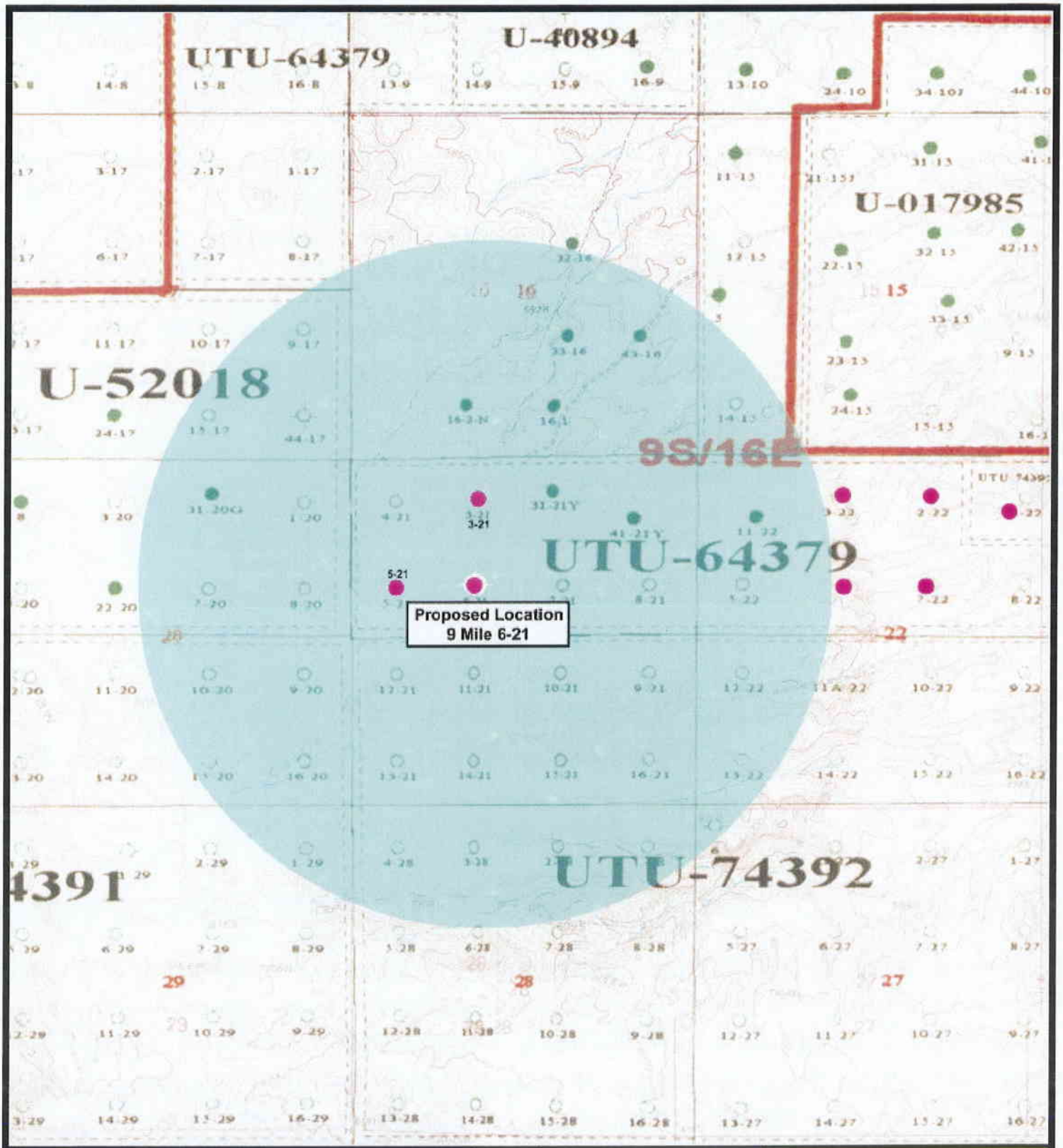
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 12-12-2005

"C"



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
T5S-R3W
T8S-R15E
T8S-R16E
T8S-R17E
T8S-R18E
T9S-R15E
T9S-R16E
T9S-R17E
T9S-R18E
T10S-R15E
T10S-R16E
T10S-R17E
T10S-R18E
NEWFIELD
Exhibit A
Duchesne & Uintah Counties



NEWFIELD
Exploration Company

9 Mile 6-21-9-16
SEC. 21, 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: 12-12-2005

Legend
Well Locations
One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

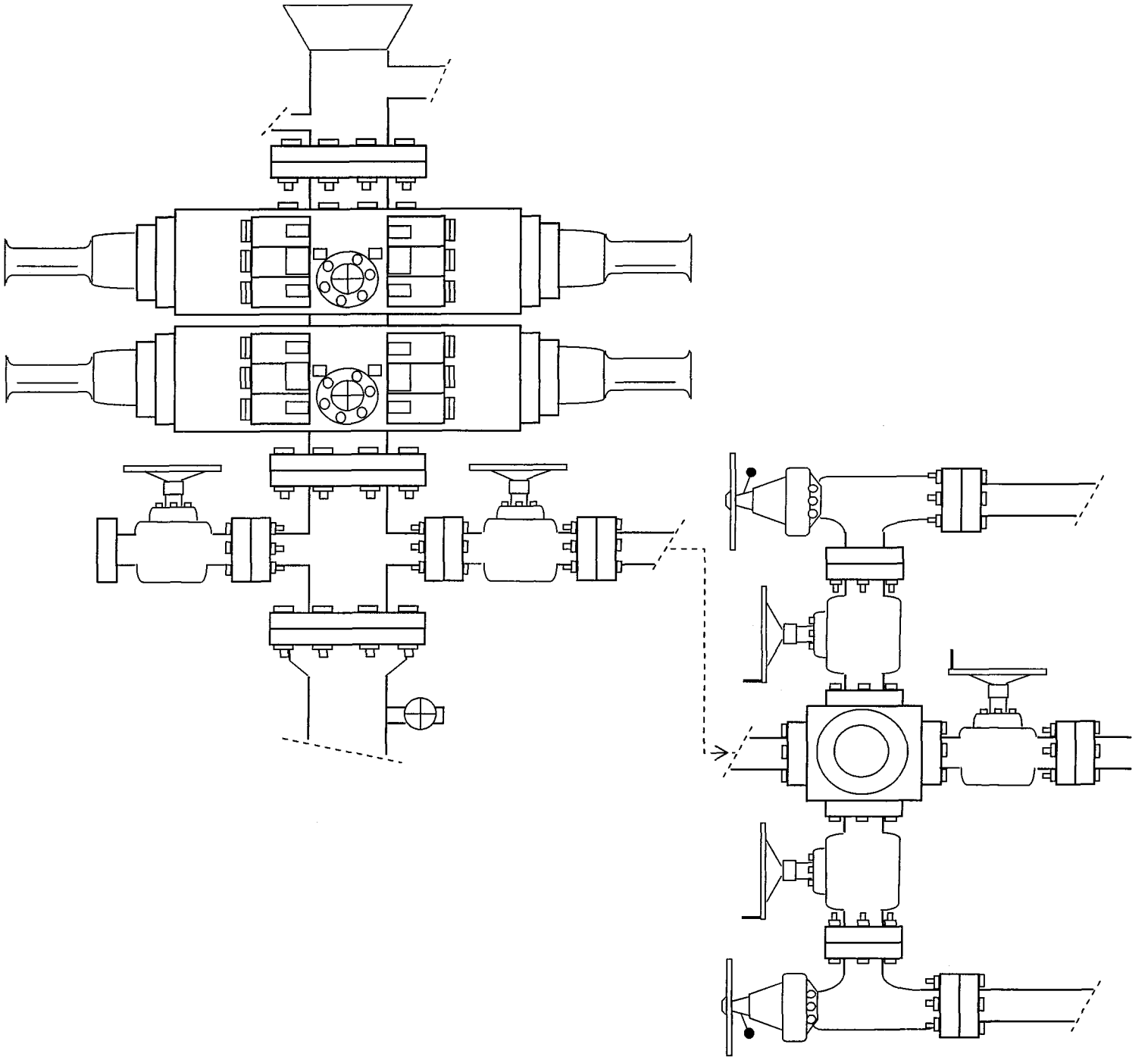


EXHIBIT C

Exhibit "D"
Page 1 of 2

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

By:

Katie Simon

Prepared For:

Bureau fo Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 05-240

July 25, 2005

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

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

NEWFIELD PRODUCTION COMPANY

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

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/13/2006

API NO. ASSIGNED: 43-013-33021

WELL NAME: FEDERAL 6-21-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SENW 21 090S 160E

SURFACE: 2159 FNL 1887 FWL

BOTTOM: 2159 FNL 1887 FWL

COUNTY: DUCHESNE

LATITUDE: 40.01765 LONGITUDE: -110.1263

UTM SURF EASTINGS: 574559 NORTHINGS: 4429871

FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64379

PROPOSED FORMATION: GRRV

SURFACE OWNER: 1 - Federal

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. MUNICIPAL)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: _____

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

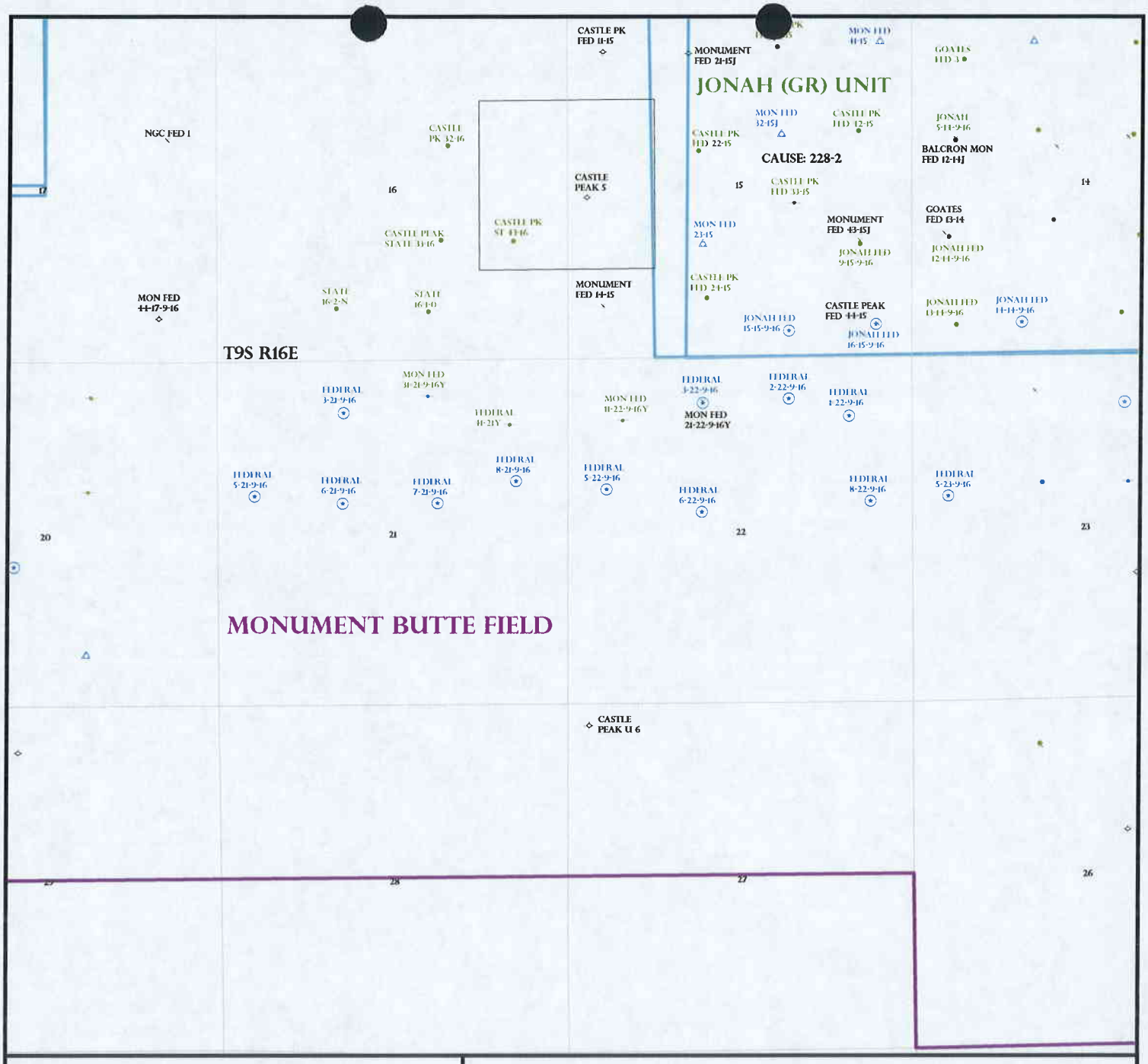
___ R649-3-3. Exception

___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____

___ R649-3-11. Directional Drill

COMMENTS: Stop, Separate file

STIPULATIONS: 1- Federal Approval
2- Spacing Slip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 21,22 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

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

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

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

Utah Oil Gas and Mining

N W E S

PREPARED BY: DIANA WHITNEY

DATE: 20-JANUARY-2006

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

January 23, 2006

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

Re: Federal 6-21-9-16 Well, 2159' FNL, 1887' FWL, SE NW, Sec. 21, 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 43-013-33021.

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 6-21-9-16

API Number: 43-013-33021

Lease: UTU-64379

Location: SE NW **Sec.** 21 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

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

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

   - Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

RECEIVED

JAN 13 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-64379

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

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

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

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

8. Lease Name and Well No.: Federal 6-21-9-16

2. Name of Operator: Newfield Production Company

9. API Well No.: 43-013-33021

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 SE/NW 2159' FNL 1887' FWL

At proposed prod. zone

11. Sec., T., R., M., or Blk. and Survey or Area: SE/NW Sec. 21, T9S R16E

14. Distance in miles and direction from nearest town or post office*: Approximatley 21.5 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. 481' f/lse, NA' f/unit

16. No. of Acres in lease: 1626.36

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. 1439'

19. Proposed Depth: 5985'

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

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 6019' GL

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

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

24. Attachments

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

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: 1/11/06

Title: Regulatory Specialist

Approved by *(Signature)*: Jerry Kenczka — Name *(Printed/Typed)*: Jerry Kenczka — Date: 9-15-2006

Title: Assistant Field Manager Lands & Mineral Resources — 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)*

NOTICE OF APPROVAL

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

RECEIVED

SEP 25 2006

DIV. OF OIL, GAS & MINING

UDOGM

06SX5001ZA

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

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 6-21-9-16
API No: 43-013-33021
Location: SWNW, Sec 21, T9S, R16E
Lease No: UTU-64379
Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

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

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

NOTIFICATION REQUIREMENTS

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

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.,* signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.

2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.

3. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.

4. No drilling or surface disturbing activities are allowed 600' or less from live water.

5. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.

6. The reserve pit will be lined with a 16 ml or greater liner prior to spudding.

7. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.

8. The liner is to be cut 5 feet below ground or at the level of the cuttings, whichever is deeper and the excess liner material is to be disposed of at an authorized disposal site.

9. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.

10. The well pad and access/pipeline require monitoring by a qualified Paleontologist prior to and during any surface disturbing activities.

11. Prevent fill and stock piles from entering drainages.

12. CULTURAL AND PALEONTOLOGICAL RESOURCES Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written

authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

13. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.

14. Notify the Authorized Officer 48 hours prior to surface disturbing activities.

15. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.

16. The boulders >3' found at the surface or above ground will be saved for final reclamation.

17. Interim Reclamation (see below):
    1. Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is converted to an injection well, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.

ii. Interim Reclamation Seed Mix for location:

iii. Galleta grass	*Hilaria jamesil*	6 lbs/acre
iv. Western wheatgrass	*Pascopyrum smithii*	6 lbs/acre
	1. Per Live Seed Total	12 lbs/acre

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

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A variance is granted for O.O. #2 III. E. 1.
   a. The blooie line shall be straight or have targeted tees for bends in the line.
   b. Not requiring an automatic igniter or continuous pilot on the blooie line

2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.

2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.

3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**

4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

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

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

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

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

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).

6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

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

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

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

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

   Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

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

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

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

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

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

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

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

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

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

    a. Operator name, address, and telephone number.

    b. Well name and number.

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

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

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

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

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

h. Communitization agreement number, if applicable.

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

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

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

18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **NEWFIELD PRODUCTION COMPANY**

Well Name: **FEDERAL 6-21-9-16**

Api No: **43-013-33021** Lease Type: **FEDERAL**

Section **21** Township **09S** Range **16E** County **DUCHESNE**

Drilling Contractor **NDSI** RIG # **NS#1**

SPUDDED:

Date **10/22/06**

Time **12:00 NOON**

How **DRY**

Drilling will Commence:

Reported by **DON BASTIAN**

Telephone # **(435) 823-6012**

Date **10/23/06** **Signed** **CHD**

PAGE 02

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	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	15727	43-047-33019	Federal 3-21-9-16	NENW	21	9S	16E	DUCHESNE	10/24/06	10/26/06

COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	15728	43-013-33069	Federal 4-21-9-16	NWNW	21	9S	16E	DUCHESNE	10/25/06	10/26/06

C GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	15729	43-013-33020	Federal 5-21-9-16	SWNW	21	9S	16E	DUCHESNE	10/21/06	10/26/06

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	15730	43-013-33021	Federal 6-21-9-16	SENW	21	9S	16E	DUCHESNE	10/22/06	10/26/06

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

COMMENTS:

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign 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
OCT 25 2006
DIV. OF OIL, GAS & MINING

Signature: Kim Kettle
Production Analyst
Title
October 25, 2006
Date

10/25/2006 08:36 4356463031 INLAND

FORM 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

5. Lease Serial No.
UTU-64379

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 6-21-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333021

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)*
SENW Section 21 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	☐ 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 11/1/2006 MIRU Patterson Rig # 155. 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 @ 277'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,960'. 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, 134 jt's of 5.5 J-55, 15.5# csgn. Set @ 5930.20' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With 40 Bbls returned to pit. Nipple down Bop's. Drop slips @ 85,000 #'s tension. Release rig 7:00 am on 11/7/2006.

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

Title
Drilling Foreman

Signature

Date
11/08/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

RECEIVED
NOV 1 3 2006
DIV. OF OIL, GAS & MINING

5 1/2" CASING SET AT 5930.2

Flt cllr @ 5886.39

LAST CASING 13 3/8" SET AT 322.62'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 6-21-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # Patterson-UTI Rig # 155

TD DRILLER 5960' LOGGER

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 6.02' @ 3864.84					
133	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5872.39
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.56
		GUIDE shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	5932.20	134
LESS NON CSG. ITEMS	15.25	
PLUS FULL JTS. LEFT OUT	178.06	4
TOTAL	6095.01	138
TOTAL CSG. DEL. (W/O THRDS)	6095.01	138
TIMING	1ST STAGE	2nd STAGE
BEGIN RUN CSG.	11/6/2006	7:30 PM
CSG. IN HOLE	11/6/2006	10:30 PM
BEGIN CIRC	11/6/2006	10:45 PM
BEGIN PUMP CMT	11/6/2006	12:48 PM
BEGIN DSPL. CMT	11/7/2006	1:46 AM
PLUG DOWN	11/7/2006	2:11 AM

TOTAL LENGTH OF STRING	5932.20
LESS CUT OFF PIECE	14
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	5930.2

} COMPARE

GOOD CIRC THRU JOB YES

Bbls CMT CIRC TO SURFACE 40

RECIPROCATED PIPE FOR THRUSTROKE

DID BACK PRES. VALVE HOLD ? YES

BUMPED PLUG TO 1650 PSI

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	325	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/4#'s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.	

COMPANY REPRESENTATIVE Troy Zufelt DATE 11/7/2006

RECEIVED

NOV 13 2006

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-64379
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: Federal 6-21-9-16
9. API NUMBER: 4301333021
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 2159 FNL 1887 FWL COUNTY: DUCHESNE
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW, 21, 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	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLAIR
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of Work Completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/STOP)	☐ WATER SHUT-OFF
12/13/2006	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: - Weekly Status Report
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

Status report for time period 11/15/06 - 12/07/06

Subject well had completion procedures intiated in the Green River formation on 11-15-06 without the use of a service rig over the well. A cement bond log was run and a total of three Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5487'-5497'),(5472'-5476'); Stage #2 (5098'-5106');Stage #3 (4588'-4596'),(4635'-4651'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 12-04-2006. Bridge plugs were drilled out and well was cleaned to 5884'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 12-07-2006.

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

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE [signature] DATE 12/13/2006

(This space for State use only)

RECEIVED
DEC 15 2006
DIV. OF OIL, GAS & MINING

FORM 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
UTU-64379

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 6-21-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333021

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)*
SENW Section 21 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	☐ 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 10/22/2006 MIRU NDSI NS # 1.Spud well @ 12:00 PM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 322.62'/ KB On 10/24/2006 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

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

Title
Drilling Foreman

Signature

Date
10/24/2006

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

RECEIVED
OCT 31 2006
DIV. OF OIL, GAS & MINING

8 5/8 CASING SET AT 322.62

LAST CASING 8 5/8" set @ 322.62
DATUM 12' KB
DATUM TO CUT OFF CASING
DATUM TO BRADENHEAD FLANGE
TD DRILLER 320' LOGGER
HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
WELL Federal 6-21-9-16
FIELD/PROSPECT Monument Butte
CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.34'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	310.77
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	312.62	7
LESS NON CSG. ITEMS	1.85	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	310.77	7
TOTAL CSG. DEL. (W/O THRDS)	310.77	7
TIMING	1ST STAGE	
BEGIN RUN CSG. Spud	10/22/2006	12:00 PM
CSG. IN HOLE	10/23/2006	11:00 AM
BEGIN CIRC	10/24/2006	10:58 AM
BEGIN PUMP CMT	10/24/2006	11:11 AM
BEGIN DSPL. CMT	10/24/2006	11:21 AM
PLUG DOWN	10/24/2006	11:28 AM

TOTAL LENGTH OF STRING	312.62
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	322.62

} COMPARE

GOOD CIRC THRU JOB YES
Bbls CMT CIRC TO SURFACE 5
RECIPROCATED PIPE FOR N/A
BUMPED PLUG TO 459 PSI

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3	

COMPANY REPRESENTATIVE Troy Zufelt DATE 10/24/2006

FORM 3160-4
(July 1992)

SUBMIT IN D[illegible] 'CATE* (See [illegible] instructions ons reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: UTU-64379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

1a. TYPE OF WORK: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

1b. TYPE OF WELL: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR. [ ] Other

7. UNIT AGREEMENT NAME: Federal

8. FARM OR LEASE NAME, WELL NO.: Federal 6-21-9-16

2. NAME OF OPERATOR: Newfield Exploration Company

9. WELL NO.: 43-013-33021

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

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)
At Surface: 2159' FNL & 1887' FWL (SE/NW) Sec. 21, T9S, R16E
At top prod. Interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 21, T9S, R16E

14. API NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-33021	01/23/06	Duchesne	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
10/22/06	11/06/06	12/07/06	6019' GL 6031' KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5960'	5884'		------->	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*: Green River 4588'-5497'

25. WAS DIRECTIONAL SURVEY MADE: No

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

27. WAS WELL CORED: No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	323'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5930'	7-7/8"	325 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5556'	TA @ 5458'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(CP1) 5487'-5497', 5472'-5476'	.46"	4/56
(LODC) 5098'-5106'	.43"	4/32
(D1,2) 4588'-4596', 4635'-4651'	.43"	8/32
	.43"	16/64

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5472'-5497'	Frac w/ 60,318# 20/40 sand in 517 bbls fluid
5098'-5106'	Frac w/ 19,850# 20/40 sand in 292 bbls fluid
4588'-4651'	Frac w/ 126,303# 20/40 sand in 857 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
12/07/06	2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBLS.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	70	0	35	0

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

RECEIVED
JAN 02 2007
DIV. OF OIL, GAS & MINING

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Jentri Park TITLE Production Clerk DATE 12/29/2006

JP

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Well Name **Federal 6-21-9-16**

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	3577'	
Garden Gulch 1	3792'	
Garden Gulch 2	3898'	
Point 3 Mkr	4131'	
X Mkr	4407'	
Y-Mkr	4440'	
Douglas Creek Mkr	4551'	
BiCarbonate Mkr		
B Limestone Mkr	4882'	
Castle Peak	5437'	
Basal Carbonate	5873'	
Total Depth (LOGGERS	5956'	

API Well No: 43013330210000

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379

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 6-21-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013330210000

3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202

PHONE NUMBER: 303 382-4443 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2159 FNL 1887 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 21 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/1/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ 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
☐ SPUD REPORT Date of Spud:	☐ 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
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Newfield Production Company requests the approval to open additional pay in the A3 sand in the subject well. The single stage OAP will target the following intervals [4478-4482] and [4944-4945]. Attached is the detailed procedure and well bore diagram, please contact Paul Weddle at 303-383-4117 with any questions.

Accepted by the Utah Division of Oil, Gas and Mining

Date: October 28, 2010

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Sam Styles	303 893-0102	Engineering Tech
SIGNATURE N/A		**DATE** 10/27/2010

RECEIVED October 27, 2010

Newfield Production Company **Federal 6-21-9-16**

Procedure for: **OAP A3. Tubing fracs**

Well Status: **See attached Wellbore Diagram**

AFE #

Engineer: **Paul Weddle** pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117

PROCEDURE

1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer

2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,930**
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

A3	**4478-4482**	3spf	120deg phasing
A3	**4944-4945**	3spf	120deg phasing

3 PU tandem RBP/PKR and TIH on 2-7/8" N80 8RD EUE workstring. Breakdown all new perforations with 5-10 bbls fresh water while TIH (skip to next step if only 1 treatment zone)

Set RBP @ +/- **5,060** and test to 4,000psi. PUH with packer to +/- **4,940**

4 RU frac equip. Frac the **A3** down tubing w/**25,000**# 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.

5 Flowback well immediately @ 3-4 BPM until dead.

9 Release Packer and RBP.POOH laying down workstring, packer, and RBP.

9 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.

10 Place SN @ ± 5492 and set TAC at ±5458' with 15,000 lbs overpull. ND BOP's. NU wellhead.

11 PU and RIH with a 2-1/2" x 1-3/4" x 18' RHAC pump, 6 x 1-1/2" weight rods, 10 x 3/4" guided rods, 104 x 3/4" slick rods, 99 x 3/4" guided rods, Space out with pony rods as necessary.

12 PWOP and track results for one month.

RECEIVED October 27, 2010

Spud Date: 10/22/06
Put on Production: 12/07/06

GL: 6019' KB: 6031'

Federal 6-21-9-16

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (310.77')

DEPTH LANDED: 322.62' 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: 134 jts. (5916.95')

DEPTH LANDED: 5930.20' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP: 60'

TUBING

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

NO. OF JOINTS: 173 jts (5445.60')

TUBING ANCHOR: 5457.60' KB

NO. OF JOINTS: 1 jts (31.56')

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

SN LANDED AT: 5491.96' KB

NO. OF JOINTS: 2 jts (62.96')

TOTAL STRING LENGTH: EOT @ 5556.47' KB

SUCKER RODS

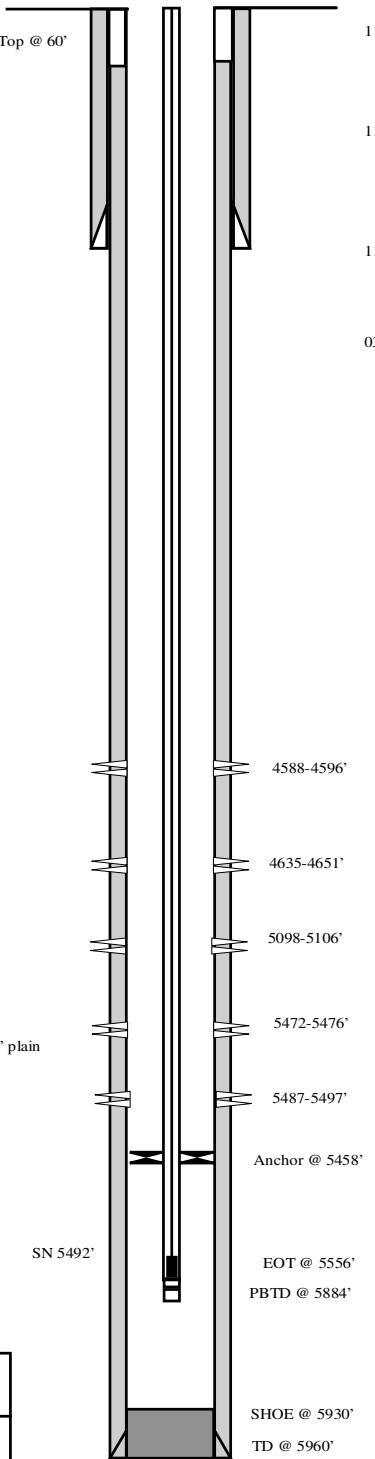
POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 1-2' x ¾" pony rod, 99-3/4" scrapered rods, 104-3/4" plain rods, 10-3/4" scrapered rods, 6-1 ½" weight rods.

PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14' RHAC

STROKE LENGTH: 86"

PUMP SPEED, 5 SPM:



FRAC JOB

11/28/06 5497-5472' **Frac CP1 sands as follows:** 60318# 20/40 sand in 517 bbls Lightning 17 frac fluid. Treated @ avg press of 2202 psi w/avg rate of 25.0 BPM. ISIP 3010 psi. Calc flush: 5495 gal. Actual flush: 4964 gal.

11/28/06 5098-5106' **Frac LODC sands as follows:** 19850# 20/40 sand in 292 bbls Lightning 17 frac fluid. Treated @ avg press of 2154 psi w/avg rate of 14.3 BPM. ISIP 2720 psi. Calc flush: 5096 gal. Actual flush: 4590 gal.

11/28/06 4651-4588' **Frac D1 & D2 sands as follows:** 126303# 20/40 sand in 857 bbls Lightning 17 frac fluid. Treated @ avg press of 1655 psi w/avg rate of 24.8 BPM. ISIP 1880 psi. Calc flush: 4649 gal. Actual flush: 4494 gal.

03/15/07 Pump Change. Update rod and tubing details.

PERFORATION RECORD

11/28/06	5487-5497'	4 JSPF	40 holes
11/28/06	5472-5476'	4 JSPF	16 holes
11/28/06	5098-5106'	4 JSPF	32 holes
11/28/06	4635-4651'	4 JSPF	64 holes
11/28/06	4588-4596'	4 JSPF	32 holes

NEWFIELD

Federal 6-21-9-16

2159'FSL & 1887' FWL

SE/NW Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33021; Lease #UTU-64379

CB 04/04/07

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-64379
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: GMBU
8. WELL NAME and NUMBER: Federal 6-21-9-16
9. API NUMBER: 4301333021
10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 2159 FNL 1887 FWL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 21, 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
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
11/17/2010	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[ ] OTHER: -
	[ ] CONVERT WELL TYPE	[X] RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was recompleted and then placed back on production. The following perforations were added in the Green River Formation:

A3 5008-5012' 3 JSPF 12 holes
A3 4995-4999' 3 JSPF 12 holes

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE [signature] DATE 12/01/2010

(This space for State use only)

RECEIVED
DEC 02 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 6-21-9-16

9/1/2010 To 1/30/2011

11/11/2010 Day: 1 **Recompletion**

MWS #731 on 11/11/2010 - MIRU MWS #731. TOH W/ rods & pump. NU BOP. Run VES gyro survey. - MIRU MWS rig #731. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumpnig unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. TOH W/ rod string--LD pump. (41 plain rods are worn). ND wellhead & release TA @ 5458'. NU BOP. RU Vaughn Energy Services & run gyro survey f/ WLTD of 5734' to sfc. RD VES & SIFN W/ est 115 BWTR.
Daily Cost: $0
Cumulative Cost: $11,737

11/12/2010 Day: 3 **Recompletion**

MWS #731 on 11/12/2010 - Frac & flow back A3 sands. Release pkr & RBP. LD 75- jts N-80 frac tbg. - Set Pkr w/ CE @ 4950' & EOT @ 4960'. RU BJ services. Frac A3 sands as detailed. Open for immediate flowback @ approx 3 BPM. Well flowed for approx 1 1/2 hours & died. Recovered 140 bbls w/ no show of oil or gas. Fill csg w/ 40 BW & release pkr. Circulate well clean. TIH w/ tbg, clean out sand to RBP. Circulate well clean. Latch onto & release RBP. LD 75- jts N-80 frac tbg. Drain pump & pump lines. SWIFN. 450 BWTR. - RU HO trk & pump 60 BW dn tbg @ 250°F. TOH W/ production tbg--LD BHA. RU Perforators LLC & run 4 3/4" gauge ring and 2-3 1/8" ported guns. Ran gauge to 5500'. Perf A3 sds @ 5008-5012' & 4995-99' W/ 3 JSPF (11g, 0.36 EH, 16.82 pen., 120° phasing). RD WLT. Talley, PU & TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & 2 7/8 8rd 6.5# N-80 tbg. Set plug @ 5047' & pkr @ 4976'. Breakdown perfs @ 1800 psi. Inject 5 BW @ 1400 psi @ 1 BPM. ISIP-1200 psi. SIFN W/ est 180 BWTR. - RU HO trk & pump 60 BW dn tbg @ 250°F. TOH W/ production tbg--LD BHA. RU Perforators LLC & run 4 3/4" gauge ring and 2-3 1/8" ported guns. Ran gauge to 5500'. Perf A3 sds @ 5008-5012' & 4995-99' W/ 3 JSPF (11g, 0.36 EH, 16.82 pen., 120° phasing). RD WLT. Talley, PU & TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & 2 7/8 8rd 6.5# N-80 tbg. Set plug @ 5047' & pkr @ 4976'. Breakdown perfs @ 1800 psi. Inject 5 BW @ 1400 psi @ 1 BPM. ISIP-1200 psi. SIFN W/ est 180 BWTR. - Set Pkr w/ CE @ 4950' & EOT @ 4960'. RU BJ services. Frac A3 sands as detailed. Open for immediate flowback @ approx 3 BPM. Well flowed for approx 1 1/2 hours & died. Recovered 140 bbls w/ no show of oil or gas. Fill csg w/ 40 BW & release pkr. Circulate well clean. TIH w/ tbg, clean out sand to RBP. Circulate well clean. Latch onto & release RBP. LD 75- jts N-80 frac tbg. Drain pump & pump lines. SWIFN. 450 BWTR.
Daily Cost: $0
Cumulative Cost: $59,000

11/16/2010 Day: 4 **Recompletion**

MWS #731 on 11/16/2010 - Continue LD N-80 tbg. TIH testing production tbg. - Open well. LD 21 jts N-80 tbg. Flush tbg w/ 40 bw @ 250°. Continue LD remaining 61 jts tbg, 4' sub, PKR & RBP. MU btm hole assembly. TIH w/ tbg detail @ follows. NC, 2 jts tbg, PSN, 1 jt tbg, TAC, LD & replace jts 155-64. Fill & test tbg to 4000 psi w/ 10 bw. Good test. Continue TIH w/ 66 jts tbg. Fill & test tbg to 3500 psi w/ 10 bw. Good test. Continue TIH w/ 64 jts tbg. SDFN
Daily Cost: $0
Cumulative Cost: $63,611

11/17/2010 Day: 5 **Recompletion**

MWS #731 on 11/17/2010 - Swab well. Land tbg - Open well. RIH w/ sandline. Latch onto & retrieve standing valve. RU swab equipment. RIH w/ swab. IFL @ 2000'. Make 9 swab to recover 140 bw w/ trace of oil & no sand. RD swab. PU 6 jts tbg to tag fill @ 5748'. 136' new fill. LD 6 jts. RD workfloor. ND BOP. Set TAC. MU B-1 adapter flange. Land tbg w/ 18000# tension. X-over to rod equipment. SDFN
Daily Cost: $0
Cumulative Cost: $68,742

11/18/2010 Day: 6 **Recompletion**

MWS #731 on 11/18/2010 - Run rods @ PWOP - Flush tbg w/ 60 BW. PU & prime CDI 2 1/2" X 1 3/4" X 14' X 18' RHAC rod pump. TIH w/ rods as detailed. Rod tongs broke down during TIH, wait for new set. RU pumping unit. Fill tbg w/ 12 BW. Stroke test pump w/ unit to 800 psi. PWOP @ 3:00 PM w/ 86" SL & 4 SPM. 370 BWTR. **Finalized**
Daily Cost: $0
Cumulative Cost: $80,161

Pertinent Files: Go to File List

API Well No: 43013330210000

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379

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 6-21-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013330210000

3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202

PHONE NUMBER: 303 382-4443 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2159 FNL 1887 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 21 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 1/13/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ 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
☐ SPUD REPORT Date of Spud:	✓ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Newfield Production Company would like to request the approval to open additional pay in the A3 sand in the subject well in a single stage. The target intervals are [5008-5012] and [4995-4999] in the A3 sand. Please see attachment for detailed procedure and well bore diagram and contact Paul Weddle at 303-383-4117 with any questions.

Accepted by the Utah Division of Oil, Gas and Mining

Date: 01/20/2011

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Sam Styles	303 893-0102	Engineering Tech
SIGNATURE N/A		**DATE** 1/13/2011

RECEIVED January 13, 2011

Newfield Production Company **Federal 6-21-9-16**

Procedure for: **OAP A3. Tubing fracs**

Well Status: **See attached Wellbore Diagram**

AFE #

Engineer: **Paul Weddle** pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117

PROCEDURE

1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer

2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,884**
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

A3	**5008-5012**	3spf	120deg phasing
A3	**4995-4999**	3spf	120deg phasing

3 PU tandem RBP/PKR and TIH on 2-7/8" N80 8RD EUE workstring. Breakdown all new perforations with 5-10 bbls fresh water while TIH (skip to next step if only 1 treatment zone)

Set RBP @ +/- **5,060** and test to 4,000psi. PUH with packer to +/- **4,940**

4 RU frac equip. Frac the **A3** down tubing w/**35,000**# 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.

5 Flowback well immediately @ 3-4 BPM until dead.

9 Release Packer and RBP.POOH laying down workstring, packer, and RBP.

9 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.

10 Place SN @ ± 5492 and set TAC at ±5458' with 15,000 lbs overpull. ND BOP's. NU wellhead.

11 PU and RIH with a 2-1/2" x 1-3/4" x 18' RHAC pump, 6 x 1-1/2" weight rods, 10 x 3/4" guided rods, 104 x 3/4" slick rods, 99 x 3/4" guided rods, Space out with pony rods as necessary.

12 PWOP and track results for one month.

RECEIVED January 13, 2011

Spud Date: 10/22/06
Put on Production: 12/07/06

GL: 6019' KB: 6031'

Federal 6-21-9-16

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.77')
DEPTH LANDED: 322.62' 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: 134 jts. (5916.95')
DEPTH LANDED: 5930.20' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5445.60')
TUBING ANCHOR: 5457.60' KB
NO. OF JOINTS: 1 jts (31.56')
SEATING NIPPLE: 2-7/8" (1.10')
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NO. OF JOINTS: 2 jts (62.96')
TOTAL STRING LENGTH: EOT @ 5556.47' KB

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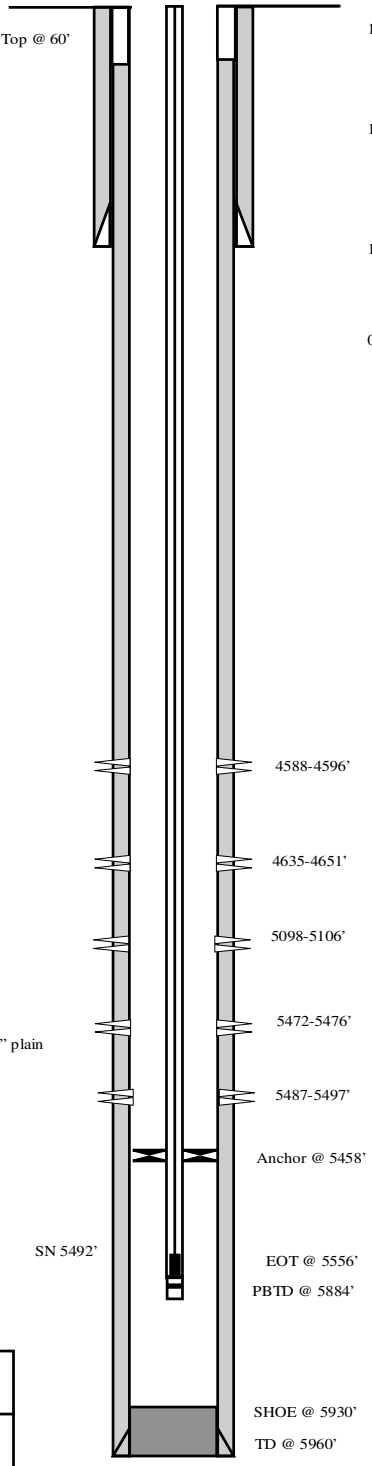
SUCKER RODS: 1-2' x ¾" pony rod, 99-3/4" scrapered rods, 104-3/4" plain rods, 10-3/4" scrapered rods, 6-1 ½" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14' RHAC
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM:



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03/15/07 Pump Change. Update rod and tubing details.

PERFORATION RECORD

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NEWFIELD

Federal 6-21-9-16

2159'FSL & 1887' FWL
SE/NW Section 21-T9S-R16E
Duchesne Co, Utah
API #43-013-33021; Lease #UTU-64379

CB 04/04/07

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: FEDERAL 6-21-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013330210000

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: 2159 FNL 1887 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 21 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 7/30/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ 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
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The subject well has been converted from a producing oil well to an injection well on 07/24/2013. On 07/25/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/30/2013 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was a State representative available to witness the test - Chris Jensen.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
August 01, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 8/1/2013

Mechanical Integrity Test
Casing or Annulus Pressure Test

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

Witness: [signature] **Date** 7/30/13 **Time** 10:00 (am) pm

Test Conducted by: Jonny Daniels

Others Present: Ricky Bayles

Well: ~~State~~ Fed. 6-21-9-16 **Field:** Monument Butte-Duchesne, County Utah.

Well Location: Fed 6-21-9-16 **API No:** 4301333021

Time	Casing Pressure	
0 min	1500	psig
5	1500	psig
10	1500	psig
15	1500	psig
20	1500	psig
25	1500	psig
30 min	1500	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

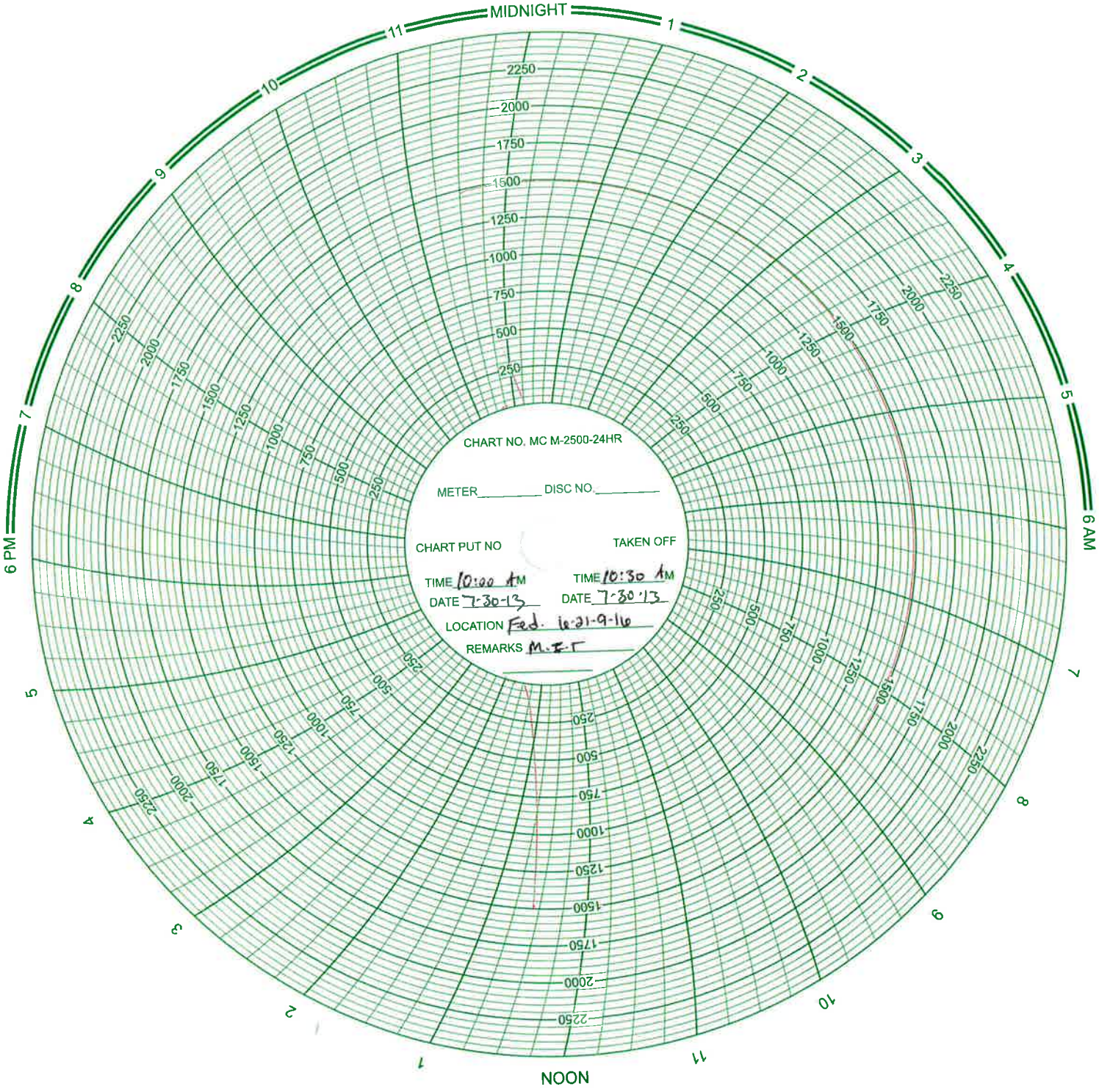
Tubing pressure: 650 psig

Result: (Pass) Fail

Signature of Witness: [signature]

Signature of Person Conducting Test: [signature]

Sundry Number: 40646 API Well Number: 43013330210000



Daily Activity Report

Format For Sundry

FEDERAL 6-21-9-16

5/1/2013 To 9/30/2013

7/22/2013 Day: 1 **Conversion**

Nabors #1108 on 7/22/2013 - unhang rods and horse head, pump 40 bbls down csg using hot oiler. Unseat pump and flush rods with 30 bbls using hot oiler. - unhang rods and horse head, pump 40 bbls down csg using hot oiler. Unseat pump and flush rods with 30 bbls using hot oiler. Soft seat and pressure test tbg to 3000psi, good test. RU rod tool and handling equepment.spot in rod trailer and prep to LD rods. POOH with rods laying down on trailer, had to flush rods with 40 bbls water half way out.RD flow line ND WH release TAC, NU bop, RU rig floor. POOH with 20 jts TBG Breaking every connection inspecting threads and cleaning apply liquid O ring and retorquing to spec. tally out . SWIFN clean location. - unhang rods and horse head, pump 40 bbls down csg using hot oiler. Unseat pump and flush rods with 30 bbls using hot oiler. Soft seat and pressure test tbg to 3000psi, good test. RU rod tool and handling equepment.spot in rod trailer and prep to LD rods. POOH with rods laying down on trailer, had to flush rods with 40 bbls water half way out.RD flow line ND WH release TAC, NU bop, RU rig floor. POOH with 20 jts TBG Breaking every connection inspecting threads and cleaning apply liquid O ring and retorquing to spec. tally out . SWIFN clean location. - unhang rods and horse head, pump 40 bbls down csg using hot oiler. Unseat pump and flush rods with 30 bbls using hot oiler. Soft seat and pressure test tbg to 3000psi, good test. RU rod tool and handling equepment.spot in rod trailer and prep to LD rods. POOH with rods laying down on trailer, had to flush rods with 40 bbls water half way out.RD flow line ND WH release TAC, NU bop, RU rig floor. POOH with 20 jts TBG Breaking every connection inspecting threads and cleaning apply liquid O ring and retorquing to spec. tally out . SWIFN clean location.
Daily Cost: $0
Cumulative Cost: $17,072

7/23/2013 Day: 2 **Conversion**

Nabors #1108 on 7/23/2013 - CHECK PRESSURES, TBG 20 PSI,AND CSG 140 PSI, BD WELL AND OPEN BOPE. POOH WITH TBG BREAKING EVERY CONNECTION AND CLEANING THREADS INSPECTING THREADS FOR DAMAGE AND APPLYING LIQUID O RING, RE TORQUE TO SPEC. TALLY OUT. - CHECK PRESSURES, TBG 20 PSI,AND CSG 140 PSI, BD WELL AND OPEN BOPE. POOH WITH TBG BREAKING EVERY CONNECTION AND CLEANING THREADS INSPECTING THREADS FOR DAMAGE AND APPLYING LIQUID O RING, RE TORQUE TO SPEC. TALLY OUT.SWI AND SDF UPSHAW RIG INSPECTION.FINISH POOH WITH TBG BREAKING EVERY CONNECTION AND CLEANING THREADS INSPECTING THREADS FOR DAMAGE AND APPLYING LIQUID O RING, RE TORQUE TO SPEC. TALLY OUT. LD 32 JNTS AND PRODUCTION BHA FROM BOTTOM OF STRING ON TBG TRAILER.PU/MU PACKER AND BHA.TIH WITH TBG AND PACKER, TBG DETAIL AS FOLLOWS:COLLAR, 2 3/8 XN, 2 3/8 X 4' TBG SUB, 2 3/8 X 2 7/8 XO, 5.5 X 2 7/8 PACKER, 2 7/8 ON/OFF TOOL, 2 7/8 PSN, 144 JNTS TBG .SWIFN, CLEAN LOCATION, SDFN. - CHECK PRESSURES, TBG 20 PSI,AND CSG 140 PSI, BD WELL AND OPEN BOPE. POOH WITH TBG BREAKING EVERY CONNECTION AND CLEANING THREADS INSPECTING THREADS FOR DAMAGE AND APPLYING LIQUID O RING, RE TORQUE TO SPEC. TALLY OUT.SWI AND SDF UPSHAW RIG INSPECTION.FINISH POOH WITH TBG BREAKING EVERY CONNECTION AND CLEANING THREADS INSPECTING THREADS FOR DAMAGE AND APPLYING LIQUID O RING, RE TORQUE TO SPEC. TALLY OUT. LD 32 JNTS AND PRODUCTION BHA FROM BOTTOM OF STRING ON TBG TRAILER.PU/MU PACKER AND BHA.TIH WITH TBG AND PACKER, TBG DETAIL AS FOLLOWS:COLLAR, 2 3/8 XN, 2 3/8 X 4' TBG SUB, 2 3/8 X 2 7/8 XO, 5.5 X 2 7/8 PACKER, 2 7/8 ON/OFF TOOL, 2 7/8 PSN, 144 JNTS TBG .SWIFN, CLEAN LOCATION, SDFN. - CHECK PRESSURES, TBG 20 PSI,AND CSG 140 PSI, BD WELL AND OPEN BOPE. POOH WITH TBG

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Daily Cost: $0
Cumulative Cost: $25,174

7/24/2013 Day: 3 **Conversion**

Nabors #1108 on 7/24/2013 - pump 10 bbls pad and drop Sv Down TBG pump to psn, PT tbg, bad test, retest, bleed off and bump up but still continued to get bad test results. - pump 10 bbls pad and drop Sv Down TBG pump to psn, PT tbg, bad test, retest, bleed off and bump up but still continued to get bad test results. Ru sand line with fishing tools and Tih to catch Sv POOH with sandline and Sv. Pump 20 bbls water pad and drop SV PT tbg again to 3000, bad test results. TIH with sand line and fishing tools to catch Sv. POOH with sandline ans SV. Pump 20BBLS fresh down water pad and drop Sv PT tbg to 3000 again and SIWFN. Clean location. - - - pump 10 bbls pad and drop Sv Down TBG pump to psn, PT tbg, bad test, retest, bleed off and bump up but still continued to get bad test results. Ru sand line with fishing tools and Tih to catch Sv POOH with sandline and Sv. Pump 20 bbls water pad and drop SV PT tbg again to 3000, bad test results. TIH with sand line and fishing tools to catch Sv. POOH with sandline ans SV. Pump 20BBLS fresh down water pad and drop Sv PT tbg to 3000 again and SIWFN. Clean location. - - pump 10 bbls pad and drop Sv Down TBG pump to psn, PT tbg, bad test, retest, bleed off and bump up but still continued to get bad test results. Ru sand line with fishing tools and Tih to catch Sv POOH with sandline and Sv. Pump 20 bbls water pad and drop SV PT tbg again to 3000, bad test results. TIH with sand line and fishing tools to catch Sv. POOH with sandline ans SV. Pump 20BBLS fresh down water pad and drop Sv PT tbg to 3000 again and SIWFN. Clean location. **Finalized**
Daily Cost: $0
Cumulative Cost: $32,549

7/25/2013 Day: 4 **Conversion**

Nabors #1108 on 7/25/2013 - TIH WITH SANDLINE AND FISHING TOOLS TO CATCH S.V. POOH WITH SANDLINE AND S.V. RD SANDLINE. - FINISH PT TBG TO 3000 PSI USING HOT OILER. GOOD TEST.TIH WITH SANDLINE AND FISHING TOOLS TO CATCH S.V. POOH WITH SANDLINE AND S.V. RD SANDLINE. RD WORK FLOOR, ND BOP, NU INJECTION TREE. RU HOT OILER.PUMP 50 BBLS PACKER FLUID DOWN CSG.ND WH, SET PACKER, LAND TBG IN 15K TENSION, NU WH/ INJECTION TREE.LOAD CSG WITH 13 BBLS WATER, PT CSG TO 1400 PSI FOR 30 MIN, HAD TO BUMP UP AND BLEED OFF 3 TIMES, GOOD TEST. SWI.RACK OUT TOOLS AND WINCH TRUCK, RD RIG, ROAD RIG TO 9 -26 -4-3W. . - FINISH PT TBG TO 3000 PSI USING HOT OILER. GOOD TEST.TIH WITH SANDLINE AND FISHING TOOLS TO CATCH S.V. POOH WITH SANDLINE AND S.V. RD SANDLINE. RD WORK FLOOR, ND BOP, NU INJECTION TREE. RU HOT OILER.PUMP 50 BBLS PACKER FLUID DOWN CSG.ND WH, SET PACKER, LAND TBG IN 15K TENSION, NU WH/ INJECTION TREE.LOAD CSG WITH 13 BBLS WATER, PT CSG TO 1400 PSI FOR 30 MIN, HAD TO BUMP UP AND BLEED OFF 3 TIMES, GOOD TEST. SWI.RACK OUT TOOLS AND WINCH TRUCK, RD RIG, ROAD RIG TO 9 -26 -4-3W. . - FINISH PT TBG TO 3000 PSI USING HOT OILER. GOOD TEST.TIH WITH SANDLINE AND FISHING TOOLS TO CATCH S.V. POOH WITH SANDLINE AND S.V. RD SANDLINE. RD WORK FLOOR, ND BOP, NU INJECTION TREE. RU HOT OILER.PUMP 50 BBLS PACKER FLUID DOWN CSG.ND WH, SET PACKER, LAND TBG IN 15K TENSION, NU WH/ INJECTION TREE.LOAD CSG WITH 13 BBLS

WATER, PT CSG TO 1400 PSI FOR 30 MIN, HAD TO BUMP UP AND BLEED OFF 3 TIMES, GOOD TEST. SWI.RACK OUT TOOLS AND WINCH TRUCK, RD RIG, ROAD RIG TO 9 -26 -4-3W. .
Daily Cost: $0
Cumulative Cost: $32,549

7/31/2013 Day: 5 **Conversion**

Rigless on 7/31/2013 - Conduct initial MIT - On 07/25/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On07/30/2013 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 07/25/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On07/30/2013 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 07/25/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On07/30/2013 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**
Daily Cost: $0
Cumulative Cost: $64,761

Pertinent Files: Go to File List

Federal 6-21-9-16

Spud Date: 10/22/06
Put on Production: 12/07/06
GL: 6019' KB: 6031'

Injection Wellbore Diagram

SURFACE CASING

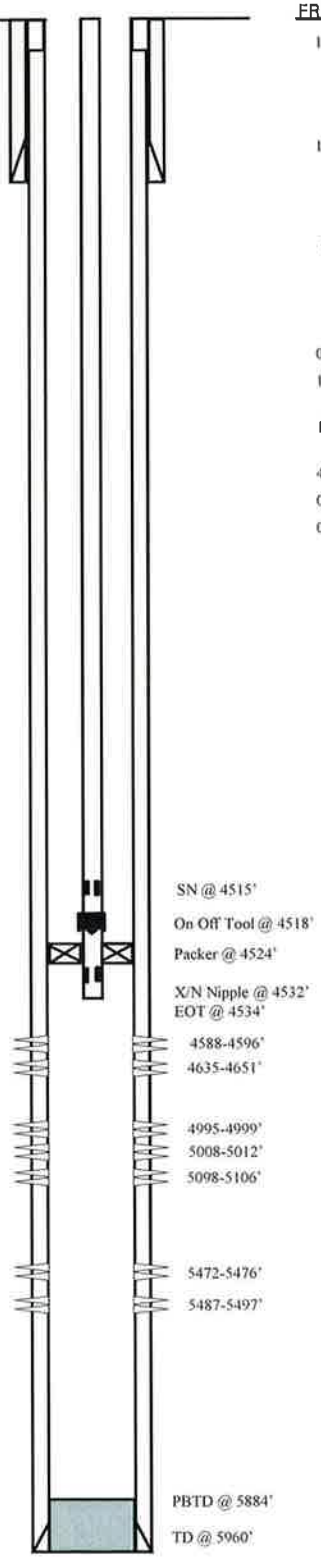
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.77')
DEPTH LANDED: 322.62' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts. (5916.95')
DEPTH LANDED: 5930.20' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 60'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 144 jts (4500.5')
STRETCH (1.2)
NO. OF JOINTS: 1 jts (1.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4514.9' KB
ON/OFF TOOL AT: 4517.8'
ARROW #1 PACKER CE AT: 4524'
XO 2-3/8 x 2-7/8 J-55 AT: 4527.7'
TBG PUP 2-3/8 J-55 AT: 4528.2'
X/N NIPPLE AT: 4532.3'
TOTAL STRING LENGTH: EOT @ 4533.9'



FRAC JOB

11/28/06	5497-5472'	**Frac CP1 sands as follows:** 60318# 20/40 sand in 517 bbls Lightning 17 frac fluid. Treated @ avg press of 2202 psi w/avg rate of 25.0 BPM. ISIP 3010 psi. Calc flush: 5495 gal. Actual flush: 4964 gal.
11/28/06	5098-5106'	**Frac LODC sands as follows:** 19850# 20/40 sand in 292 bbls Lightning 17 frac fluid. Treated @ avg press of 2154 psi w/avg rate of 14.3 BPM. ISIP 2720 psi. Calc flush: 5096 gal. Actual flush: 4590 gal.
11/28/06	4651-4588'	**Frac D1 & D2 sands as follows:** 126303# 20/40 sand in 857 bbls Lightning 17 frac fluid. Treated @ avg press of 1655 psi w/avg rate of 24.8 BPM. ISIP 1880 psi. Calc flush: 4649 gal. Actual flush: 4494 gal.
03/15/07		**Pump Change.** Update rod and tubing details.
11/11/10	4995-5012'	**Frac A3 sands as follows:** 32618# 20/40 sand in 283 bbls Lighting 17 fluid
11/17/10		**Re-Completion** finalized – updated tbg and rod details
4/7/2011		**Pump Change.** Rod & tubing detail updated.
07/24/13		**Convert to Injection Well**
07/30/13		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

11/28/06	5487-5497'	4 JSPF	40 holes
11/28/06	5472-5476'	4 JSPF	16 holes
11/28/06	5098-5106'	4 JSPF	32 holes
11/28/06	4635-4651'	4 JSPF	64 holes
11/28/06	4588-4596'	4 JSPF	32 holes
11/11/10	5008-5012'	3 JSPF	12 holes
11/11/10	4995-4999'	3 JSPF	12 holes

NEWFIELD

Federal 6-21-9-16
2159'FNL & 1887' FWL
SE/NW Section 21-T9S-R16E
Duchesne Co, Utah
API #43-013-33021; Lease #UTU-64379

LCN 07/31/13

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379

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 6-21-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013330210000

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: 2159 FNL 1887 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 21 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 9/5/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ 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
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The above reference well was put on injection at 12:20 PM on 09/05/2013.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
September 09, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 9/6/2013

RECEIVED: Sep. 06, 2013

NEWFIELD
ROCKY MOUNTAINS

September 17, 2012

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

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

RE: Permit Application for Water Injection Well
Federal #6-21-9-16
Monument Butte Field, Lease #UTU-64379
Section 21-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #6-21-9-16 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
Regulatory Manager

1001 17th Street, Suite 2000 Denver, CO 80202 (303) 893-0102 Fax (303) 893-0103

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

FEDERAL #6-21-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-64379

SEPTEMBER 17, 2012

TABLE OF CONTENTS

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 #6-21-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-64379
Well Location: QQ SENW section 21 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: 43-013-33021

Proposed injection interval: from 3898 to 5884
Proposed maximum injection: rate 500 bpd pressure 1850 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 Regulatory Manager Date 9/27/12
Phone No. (303) 893-0102

(State use only)
Application approved by Title
Approval Date

Comments:

Spud Date: 10/22/06
Put on Production: 12/07/06

GL: 6019' KB: 6031'

Federal 6-21-9-16

Initial Production: BOPD, MCFD, BWPD

Proposed Injection
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
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LENGTH: 7 jts. (310.77')
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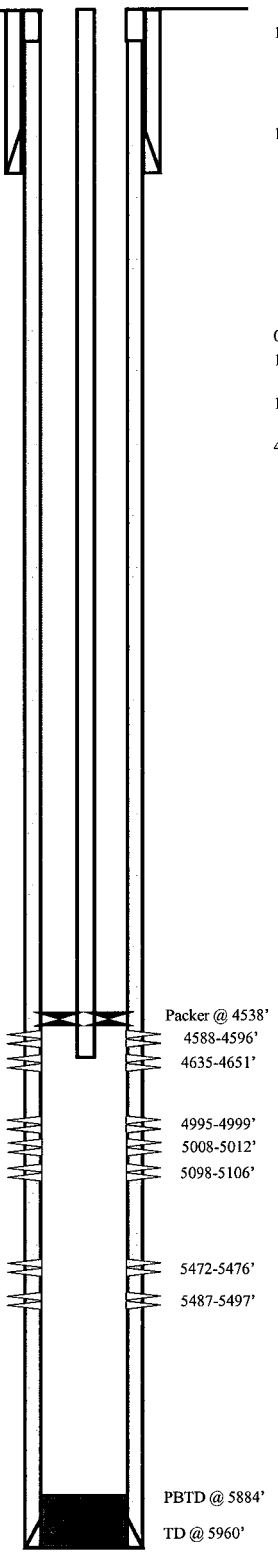
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5445.60')
TUBING ANCHOR: 5457.6' KB
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5480' KB
NO. OF JOINTS: 2 jts (63')
TOTAL STRING LENGTH: EOT @ 5544' w/ 12' KB



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NEWFIELD

Federal 6-21-9-16

2159'FNL & 1887' FWL

SE/NW Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33021; Lease #UTU-64379

JL 8/16/2012

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 #6-21-9-16 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 #6-21-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3898' - 5884'). 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 3576' and the TD is at 5960'.

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

The referenced log for the Federal #6-21-9-16 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-64379) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

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

2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

   2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

   See Attachments A and B.

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

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

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

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

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

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

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

   The casing program is 8-5/8", 24# surface casing run to 323' KB, and 5-1/2", 15.5# casing run from surface to 5930' 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 1850 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 #6-21-9-16, for existing perforations (4995' - 5497') calculates at 0.84 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 1850 psig. We may add additional perforations between 3576' and 5960'. 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 #6-21-9-16, the proposed injection zone (3898' - 5887') 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-15.

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.

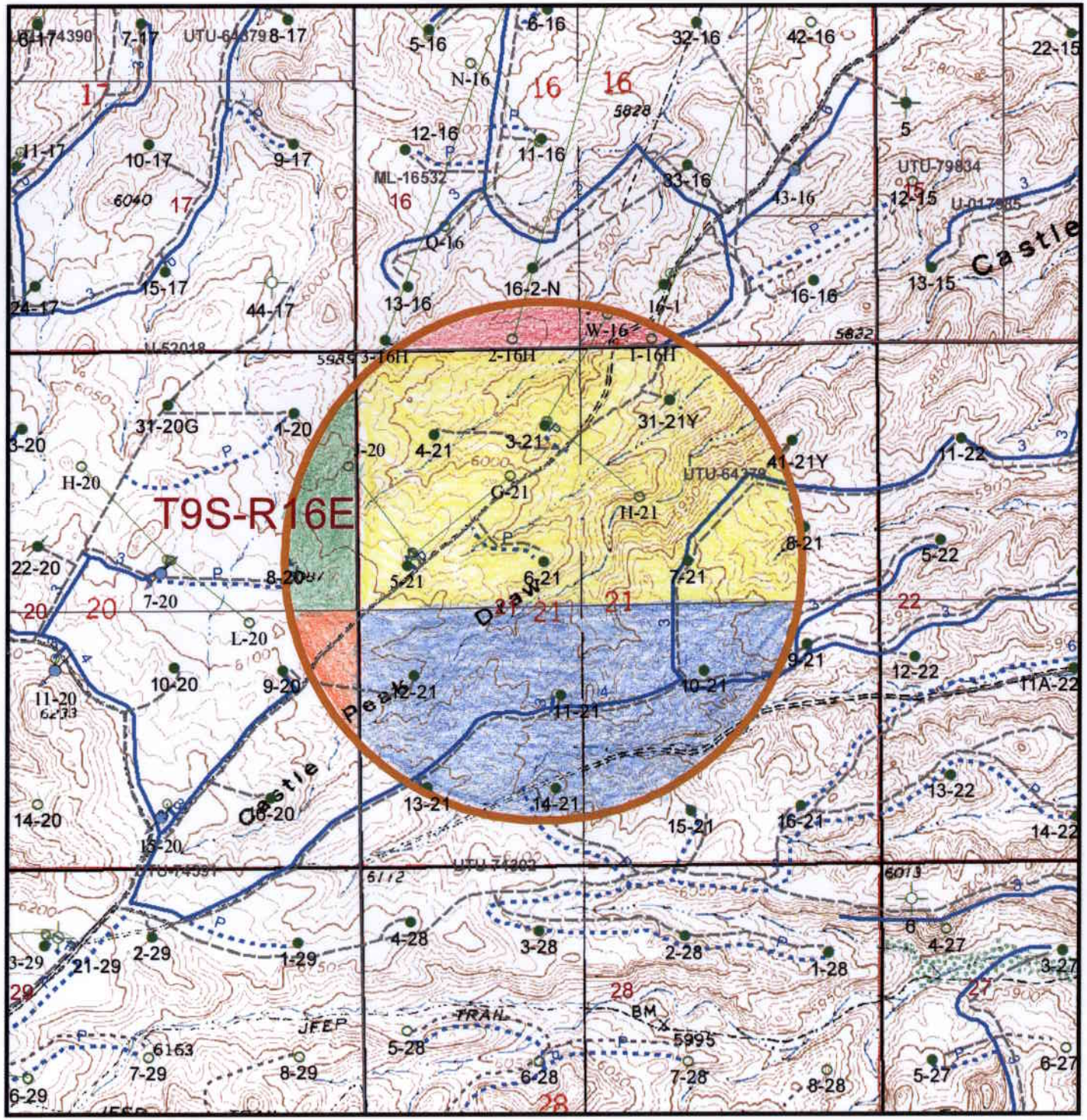
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

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



WellStatus_HalfMile_Buffer

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

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

Leases

Mining tracts

Federal 6-21
Section 21, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS

1 in = 1,500 feet

1/2 Mile Radius Map

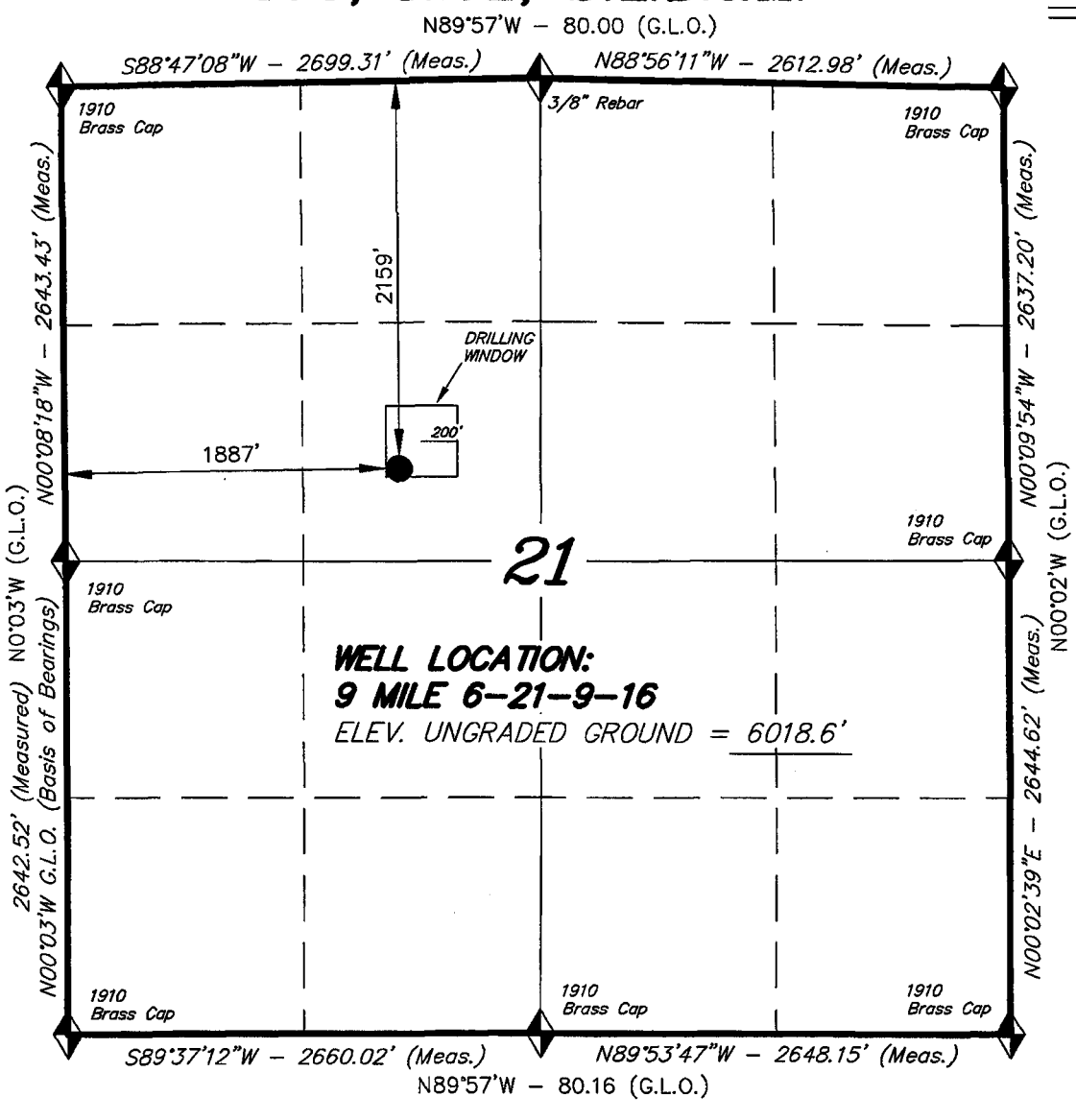
Duchesne & Uintah Counties

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

August 20, 2012

ATTACHMENT A-1

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



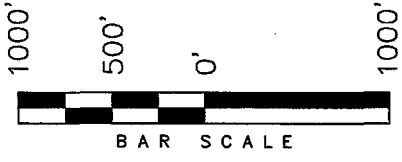
◆ = SECTION CORNERS LOCATED

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

9 MILE 6-21-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 04.23"
LONGITUDE = 110° 07' 37.38"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 6-21-9-16, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 21, 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

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

DATE SURVEYED: 12-6-05	SURVEYED BY: K.G.S.
DATE DRAWN: 12-11-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 21: S2 Section 22: NENE, S2 Section 23: SWSW Section 24: SESE Section 26: NENE Section 27: All Section 28: All	USA UTU-74392 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R16E SLM Section 19: E2SW, SE, LOTS 3, 4 Section 20: S2 Section 29: All Section 30: All	USA UTU-74391 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA

5	T9S-R16E SLM Section 16: All	State of Utah ML-16532 HBP	Newfield Production Company Newfield RMI LLC QEP Energy Company El Paso E&P Company LP American Petroleum Corp Brave River Production Trans Republic Resources Inc. El Paso Production Oil & Gas Company	State of Utah

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #6-21-9-16

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

Signed: _____
Newfield Production Company
Eric Sundberg
Regulatory Manager

Sworn to and subscribed before me this 17th day of September, 2012.

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

My Commission Expires
02/10/2013

My Commission Expires: _____

CANDICE L. KOWALSKI NOTARY PUBLIC STATE OF COLORADO MY COMMISSION EXPIRES 2/10/2013

ATTACHMENT E

Spud Date: 10/22/06
Put on Production: 12/07/06
GL: 6019' KB: 6031'

Federal 6-21-9-16

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.77')
DEPTH LANDED: 322.62' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

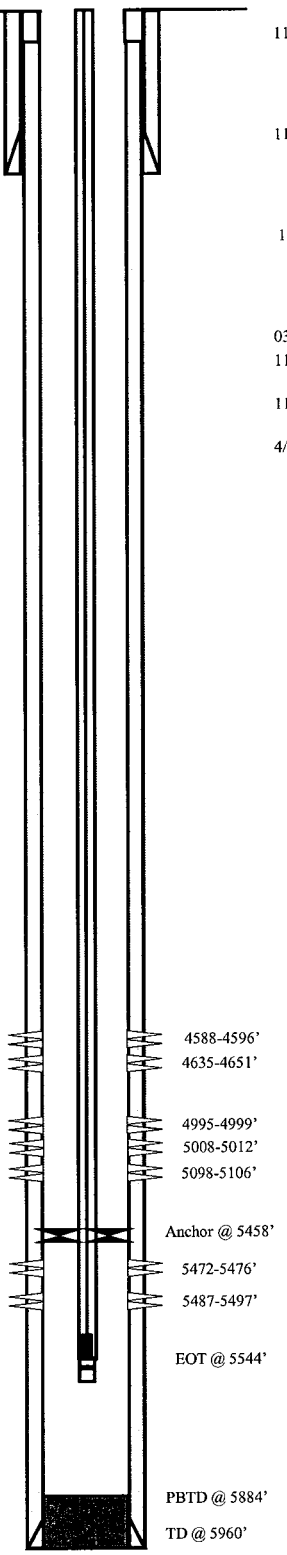
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts. (5916.95')
DEPTH LANDED: 5930.20' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5445.60')
TUBING ANCHOR: 5457.6' KB
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5480' KB
NO. OF JOINTS: 2 jts (63')
TOTAL STRING LENGTH: EOT @ 5544' w/ 12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1 x ¾" = 2' pony rod, 100 - 3/4" = 2500' guided rods, 83 - 3/4" = 2075'guided rods, 30 - 3/4" = 750' guided rods, 6-1 ½" = 150'weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/4" x 14 x 18' RHAC
STROKE LENGTH: 86"
PUMP SPEED, 4 SPM:



FRAC JOB

11/28/06	5497-5472'	**Frac CP1 sands as follows:** 60318# 20/40 sand in 517 bbls Lightning 17 frac fluid. Treated @ avg press of 2202 psi w/avg rate of 25.0 BPM. ISIP 3010 psi. Calc flush: 5495 gal. Actual flush: 4964 gal.
11/28/06	5098-5106'	**Frac LODC sands as follows:** 19850# 20/40 sand in 292 bbls Lightning 17 frac fluid. Treated @ avg press of 2154 psi w/avg rate of 14.3 BPM. ISIP 2720 psi. Calc flush: 5096 gal. Actual flush: 4590 gal.
11/28/06	4651-4588'	**Frac D1 & D2 sands as follows:** 126303# 20/40 sand in 857 bbls Lightning 17 frac fluid. Treated @ avg press of 1655 psi w/avg rate of 24.8 BPM. ISIP 1880 psi. Calc flush: 4649 gal. Actual flush: 4494 gal.
03/15/07		**Pump Change.** Update rod and tubing details.
11/11/10	4995-5012'	**Frac A3 sands as follows:** 32618# 20/40 sand in 283 bbls Lighting 17 fluid.
11/17/10		**Re-Completion** finalized – updated tbg and rod details
4/7/2011		Pump Change. Rod & tubing detail updated.

PERFORATION RECORD

11/28/06	5487-5497'	4 JSPF	40 holes
11/28/06	5472-5476'	4 JSPF	16 holes
11/28/06	5098-5106'	4 JSPF	32 holes
11/28/06	4635-4651'	4 JSPF	64 holes
11/28/06	4588-4596'	4 JSPF	32 holes
11/11/10	5008-5012'	3 JSPF	12 holes
11/11/10	4995-4999'	3 JSPF	12 holes

NEWFIELD

Federal 6-21-9-16
2159'FNL & 1887' FWL
SE/NW Section 21-T9S-R16E
Duchesne Co, Utah
API #43-013-33021; Lease #UTU-64379

VC 5/19/2011

ATTACHMENT E-1

Federal 3-21-9-16

Spud Date: 10-24-06
Put on Production: 12-7-06

GL: 5975' KB: 5987'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (310.86')
DEPTH LANDED: 322.71' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

Cement top @ 90'

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts. (5839.32')
DEPTH LANDED: 5852.57' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 90'

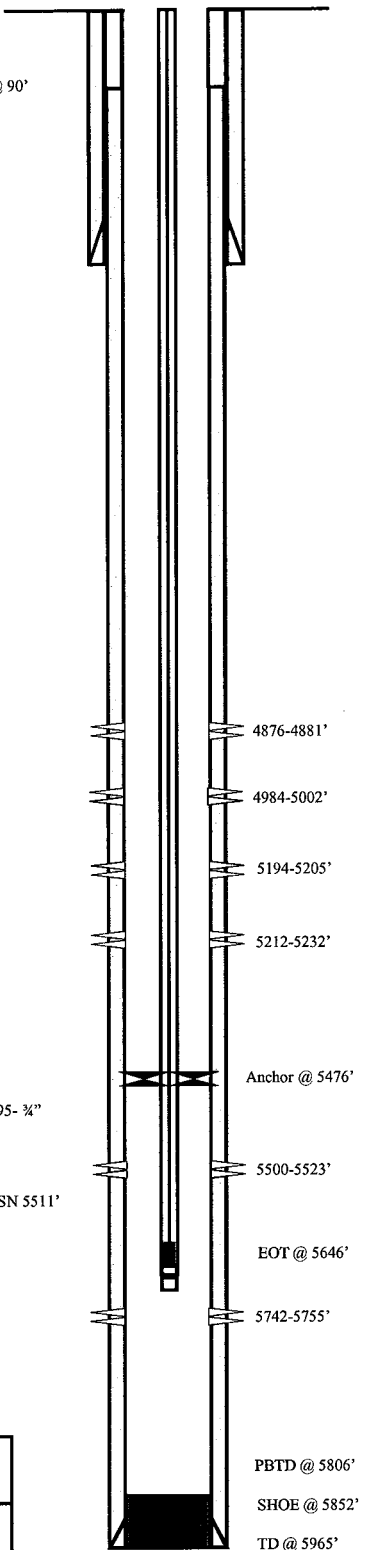
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5464.16')
TUBING ANCHOR: 5476.16' KB
NO. OF JOINTS: 1 jts (31.59')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5510.55' KB
NO. OF JOINTS: 1 jts (33.42')
NO. OF JOINTS: 3jts (95.00)
TOTAL STRING LENGTH: EOT @ 5646.27' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8', & 1-4 x ¾" pony rods, 99- ¾" scrapered rods, 95- ¾" plain rods, 40- ¾" scrapered rods, 6-1 ½" weight rods..
PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

SN 5511'



FRAC JOB

11-30-06	5742-5755'	**Frac CP4 sands as follows:** 29540# 20/40 sand in 399 bbls Lightning 17 frac fluid. Treated @ avg press of 2075 psi w/avg rate of 24.9 BPM. ISIP 2100 psi. Calc flush: 5740 gal. Actual flush: 5233 gal.
12-01-06	5500-5523'	**Frac CP1 sands as follows:** 89095# 20/40 sand in 713 bbls Lightning 17 frac fluid. Treated @ avg press of 1762 psi w/avg rate of 24.8 BPM. ISIP 1830 psi. Calc flush: 5498 gal. Actual flush: 4994 gal.
12-01-06	5194-5232'	**Frac LODC sands as follows:** 126238# 20/40 sand in 886 bbls Lightning 17 frac fluid. Treated @ avg press of 2565 psi w/avg rate of 24.7 BPM. ISIP 2450 psi. Calc flush: 5192 gal. Actual flush: 4675 gal.
12-01-06	4984-5002'	**Frac A1 sands as follows:** 18951# 20/40 sand in 288 bbls Lightning 17 frac fluid. Treated @ avg press of 2110 w/ avg rate of 24.9 BPM. ISIP 2130 psi. Calc flush: 4982 gal. Actual flush: 4519 gal.
12-01-06	4876-4881'	**Frac B2 sands as follows:** 12667# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 w/ avg rate of 25.0 BPM. ISIP 1710 psi. Calc flush: 4874 gal. Actual flush: 4788 gal.
03/10/07		Pump Change. Update rod and tubing details.
12/19/08		Tubing Leak. Updated rod & tubing details.
09/08/08		Parted Rods. Updated rod & tubing details.

PERFORATION RECORD

11-27-06	5742-5755'	4 JSPF	52 holes
11-30-06	5500-5523'	4 JSPF	92 holes
12-01-06	5212-5232'	4 JSPF	80 holes
12-01-06	5194-5205'	4 JSPF	44 holes
12-01-06	4984-5002'	4 JSPF	72 holes
12-01-06	4876-4881'	4 JSPF	20 holes

NEWFIELD

Federal 3-21-9-16

774' FNL & 1909' FWL

NE/NW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33019; Lease # UTU-64379

TW 03/30/09

ATTACHMENT E-2

Federal 4-21-9-16

Spud Date: 10-25-06
Put on Production: 12-12-06

GL: 5991' KB: 6003'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (310.54')
DEPTH LANDED: 322.39' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

Cement top @ 110'

PRODUCTION CASING

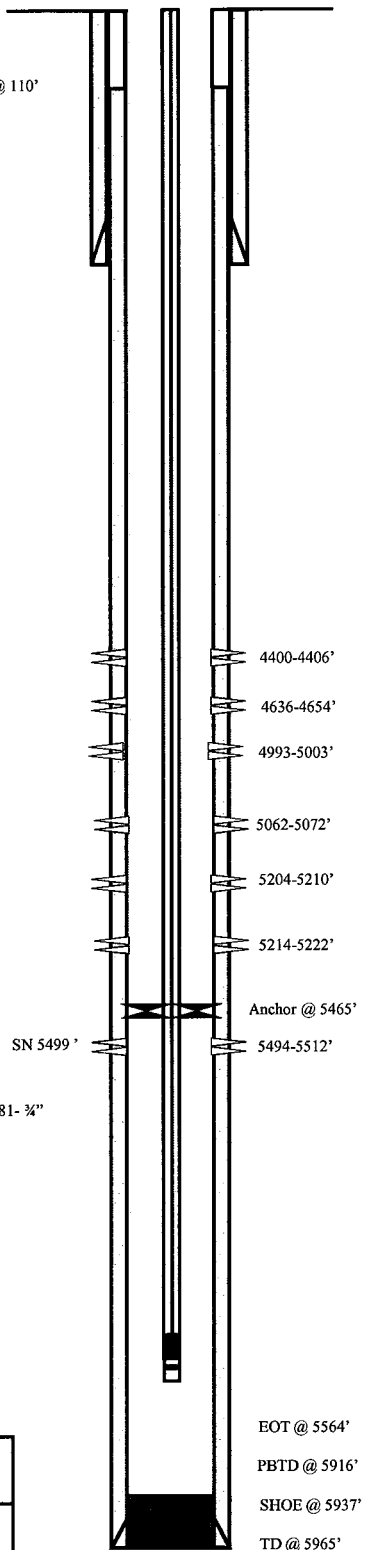
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5924.58')
DEPTH LANDED: 5937.83' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 452 sxs 50/50 POZ.
CEMENT TOP AT: 110'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5453.00')
TUBING ANCHOR: 5465.00' KB
NO. OF JOINTS: 1 jts (31.52')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5499.32' KB
NO. OF JOINTS: 2 jts (63.04')
TOTAL STRING LENGTH: EOT @ 5563.91' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2', 4', 6', 8' x ¾" pony rods, 99- ¾" guided rods, 81- ¾" plain rods, 32- ¾" guided rods, 6- 1 ½" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 10' x 14' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM



FRAC JOB

12-04-06	5494-5512'	**Frac CP1 sands as follows:** 5213# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 2157 psi w/avg rate of 25 BPM. ISIP 2550 psi. Calc flush: 5492 gal. Actual flush: 10458 gal.
12-04-06	5204-5222'	**Frac LODC sands as follows:** 23667# 20/40 sand in 320 bbls Lightning 17 frac fluid. Treated @ avg press of 2620 psi w/avg rate of 25 BPM. ISIP 2850 psi. Calc flush: 5202 gal. Actual flush: 4704 gal.
12-05-06	4993-5072'	**Frac A3, A1 sands as follows:** 117759# 20/40 sand in 829 bbls Lightning 17 frac fluid. Treated @ avg press of 2350 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 4991 gal. Actual flush: 4704 gal.
12-05-06	4636-4654'	**Frac DS2 sands as follows:** 80794# 20/40 sand in 588 bbls Lightning 17 frac fluid. Treated @ avg press of 1519 w/ avg rate of 25 BPM. ISIP 2000 psi. Calc flush: 4634 gal. Actual flush: 4158 gal.
12-05-06	4400-4406'	**Frac PB11 sands as follows:** 20165# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 2077 w/ avg rate of 25 BPM. ISIP 1720 psi. Calc flush: 4398 gal. Actual flush: 4284 gal.
11/13/08		Parted rods. Updated rod &tubing details.

PERFORATION RECORD

11-29-06	5494-5512'	4 JSPF	72 holes
12-04-06	5214-5222'	4 JSPF	32 holes
12-04-06	5204-5210'	4 JSPF	24 holes
12-04-06	5062-5072'	4 JSPF	40 holes
12-04-06	4993-5003'	4 JSPF	40 holes
12-05-06	4636-4654'	4 JSPF	72 holes
12-05-06	4400-4406'	4 JSPF	24 holes

NEWFIELD

Federal 4-21-9-16

851' FNL & 782' FWL

NW/NW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33069; Lease # UTU-64379

DF 2/26/09

ATTACHMENT E-3

Federal 5-21-9-16

Spud Date: 10/21/06
Put on Production: 12/02/06

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

K.B.: 6048' G.L.: 6036'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.62')
DEPTH LANDED: 322.47' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

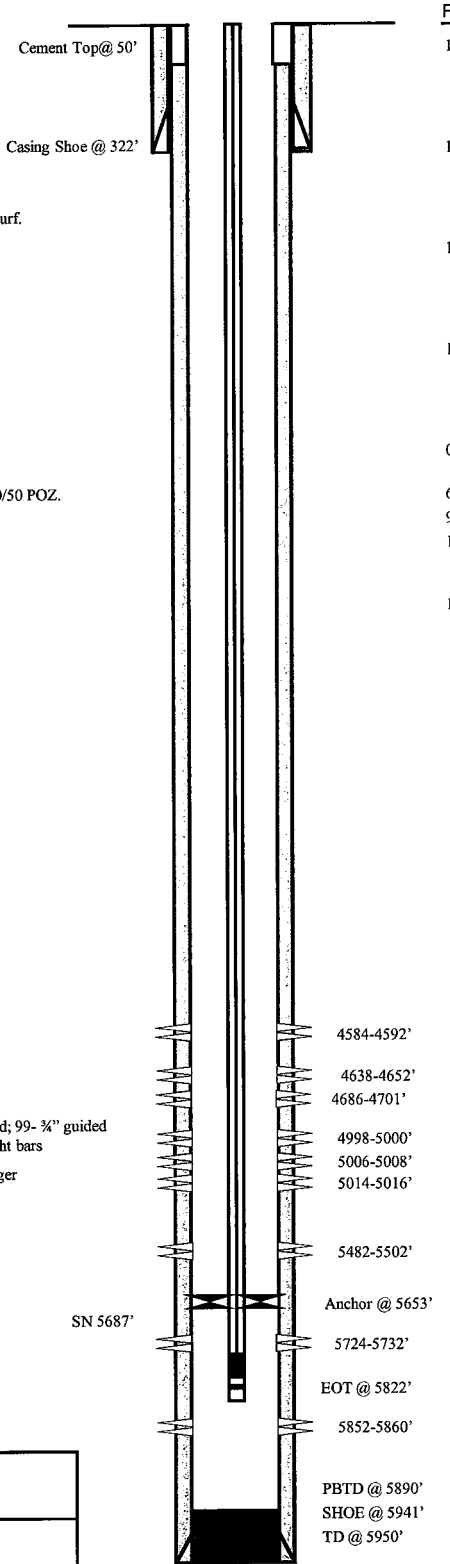
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5927.96')
DEPTH LANDED: 5941.21' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 50'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 175 jts (5640.6')
TUBING ANCHOR: 5652.6' KB
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5687' KB
NO. OF JOINTS: 1 jts (31.6')
GAS ANCHOR: 5719.7'
SEATING NIPPLE: 2-7/8" (1.2')
NO. OF JOINTS: 3 jts (94.9')
TOTAL STRING LENGTH: EOT @ 5822' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 33'
SUCKER RODS: 1-4' x ¾" , 1 – 6 x ¾", 1 – 8 x ¾" pony rod; 99- ¾" guided rods; 91 - ¾" sucker rods; 30- ¾" guided rods, 6- 1 ½" weight bars
PUMP SIZE: 2-1/2" x 1-3/4" x 20' x 24' RHAC w/SM plunger
STROKE LENGTH: 74"
PUMP SPEED, SPM: 5



FRAC JOB

11/22/06	5852-5860'	**Frac CP5 sands as follows:** 24030# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2590 psi w/avg rate of 24.8 BPM. ISIP 2850 psi. Calc flush: 5858 gal. Actual flush: 5334 gal.
11/22/06	5724-5732'	**Frac CP4 sands as follows:** 37476# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2400 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 5730 gal. Actual flush: 5216 gal.
11/22/06	5482-5502'	**Frac CP1 sands as follows:** 56615# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 5500 gal. Actual flush: 4977 gal.
11/24/06	4584-4652'	**Frac D1, D2 sands as follows:** 156867# 20/40 sand in 1002 bbls Lightning17 frac fluid. Treated @ avg press of 1675 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc flush: 4650 gal. Actual flush: 4494 gal.
03/21/07		**Pump Change:** Updated rod and tubing detail.
6/1/2010		**Pump change.** Updated rod and tubing detail.
9/7/2010		**Pump change.** Updated rod and tubing detail.
10/22/10	4998-5016'	**Frac A3 sands as follows:** 61766# 20/40 sand in 501 bbls Lightning17 frac fluid.
10/25/10		**Re-Completion**

PERFORATION RECORD

11/09/06	5852-5860'	4 JSPF	32 holes
11/22/06	5724-5732'	4 JSPF	32 holes
11/22/06	5482-5502'	4 JSPF	80 holes
11/24/06	4686-4701'	4 JSPF	60 holes
11/24/06	4638-4652'	4 JSPF	56 holes
11/24/06	4584-4592'	4 JSPF	32 holes
10/22/10	5014-5016'	3 JSPF	6 holes
10/22/10	5006-5008'	3 JSPF	6 holes
10/22/10	4998-5000'	3 JSPF	6 holes

NEWFIELD

Federal 5-21-9-16

2033' FNL & 551' FWL

SW/NW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33020; Lease # UTU-64379

LCN 10-28-10

ATTACHMENT E-4

Federal 7-21-9-16

Spud Date: 4-27-07
Put on Production: 7-19-07

GL: 6006' KB: 6018'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (306.20')
DEPTH LANDED: 318.05' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

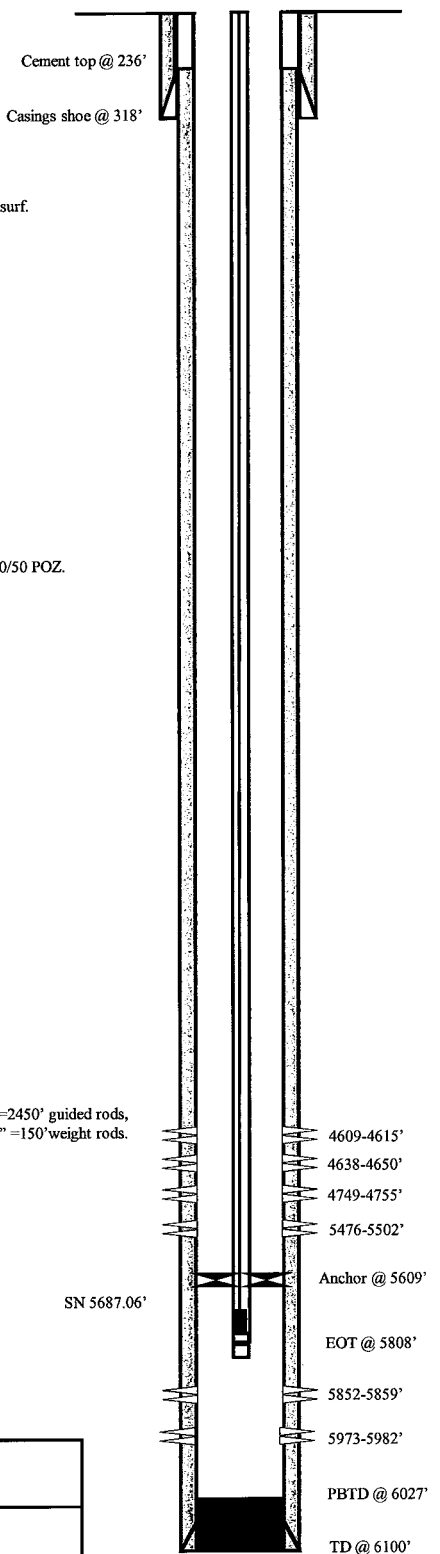
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (6095.73')
DEPTH LANDED: 6094.98' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 236'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 179 (5609.1')
TUBING ANCHOR: 5609.1'
NO. OF JOINTS: 2 jts (63.2')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5675.1'
NO. OF JOINTS: 1 jts (31.7')
NO. OF JOINTS: 3 Jts. 94.40'
TOTAL STRING LENGTH: EOT @ 5808'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-4',1-6', &1-8' x ¾" pony rods, 98- ¾"=2450' guided rods, 90- ¾" =2250'sucker rods, 32- ¾" =800'guided rods, 6-1 ½" =150'weight rods.
PUMP SIZE: 2-1/2" x 1-1/4" x 16' x 20' CDI NF 181 J
STROKE LENGTH: 120"
PUMP SPEED, SPM: 5 SPM



FRAC JOB

07-11-07	5973-5982'	**Frac BSC sands as follows:** 40929# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2699 psi w/avg rate of 24.8 BPM. ISIP 3967 psi. Calc flush: 5971 gal. Actual flush: 2129 gal.
07-16-07	5852-5859'	**Frac BSC sands as follows:** 15775# 20/40 sand in 299 bbls Lightning 17 frac fluid. Treated @ avg press of 2760 psi w/avg rate of 22.3 BPM. ISIP 2583 psi. Calc flush: 5850 gal. Actual flush: 5376 gal.
07-16-07	5476-5502'	**Frac CP1 sands as follows:** 116102# 20/40 sand in 859 bbls Lightning 17 frac fluid. Treated @ avg press of 1840 psi w/avg rate of 24.4 BPM. ISIP 2275 psi. Calc flush: 5474 gal. Actual flush: 4956 gal.
07-16-07	4749-4755'	**Frac C sand as follows:** 24885# 20/40 sand in 348 bbls Lightning 17 frac fluid. Treated @ avg press of 2138 w/ avg rate of 2448 BPM. ISIP 1780 psi. Calc flush: 4747 gal. Actual flush: 4284 gal.
07-16-07	4609-4650'	**Frac D1 & D2 sand as follows:** 53260# 20/40 sand in 585 bbls Lightning 17 frac fluid. Treated @ avg press of 2082 w/ avg rate of 24.5 BPM. ISIP 1820 psi. Calc flush: 4691 gal. Actual flush: 4494 gal.
11-26-07		Pump Change. Updated rod & tubing details.
10/30/09		Pump Change. Updated rod & tubing details.
8/16/11		Parted Rods. Updated rod & tubing details.

PERFORATION RECORD

07-05-07	5973-5982'	4 JSPF	36 holes
07-16-07	5852-5859'	4 JSPF	28 holes
07-16-07	5476-5502'	4 JSPF	104 holes
07-16-07	4749-4755'	4 JSPF	24 holes
07-16-07	4638-4650'	4 JSPF	48 holes
07-16-07	4609-4615'	4 JSPF	24 holes

NEWFIELD

Federal 7-21-9-16

2172' FNL & 1967' FEL

SW/NE Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33022; Lease # UTU-64379

VC 9/1/2011

ATTACHMENT E-5

Federal 8-21-9-16

Spud Date: 6-7-7
Put on Production: 7-9-07

GL: 5944' KB: 5956'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (288.93')
DEPTH LANDED: 312.98' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

Cement top @ 102'

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6009.83')
DEPTH LANDED: 6009.08' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 102'

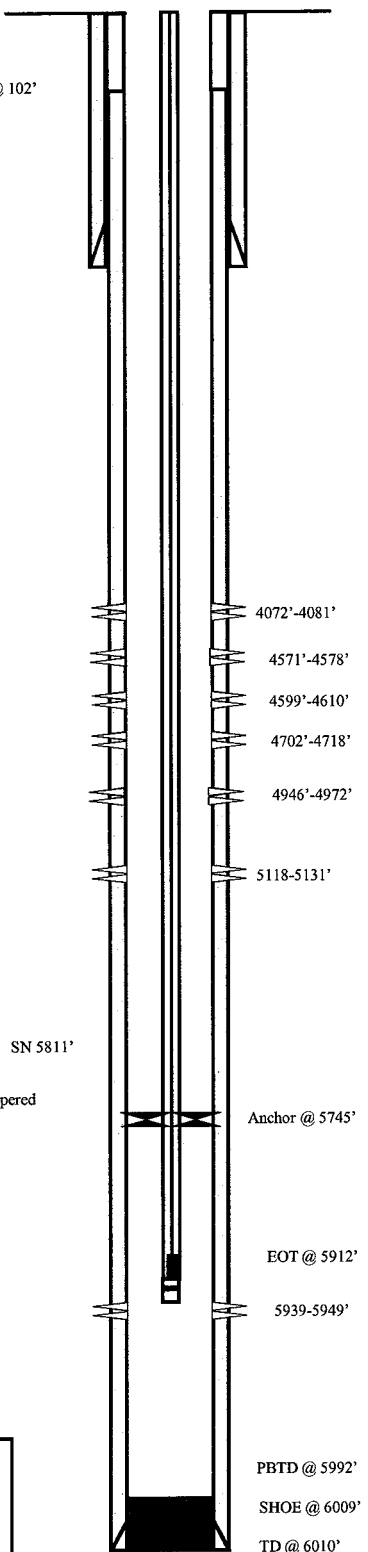
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 182 jts (5733.1')
TUBING ANCHOR: 5745.01' KB
NO. OF JOINTS: 2 jts (63.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5811.24' KB
NO. OF JOINTS: 2 jts (61.1')
TOTAL STRING LENGTH: EOT @ 5912' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-8', 1-6', 1-4' & 1-2' X ¾" pony rods, 98- ¾" scrapered rods, 106- ¾" plain rods, 20- ¾" scrapered rods, 6-1 ½" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

SN 5811'



FRAC JOB

07-05-07	5939-5949'	**Frac BSC sands as follows:** 58253# 20/40 sand in 543 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 psi w/avg rate of 24.5 BPM. ISIP 2834 psi. Calc flush: 5937 gal. Actual flush: 5859 gal.
08-21-07	5118-5131'	**Frac LODC sands as follows:** 80405# 20/40 sand in 985 bbls Lightning 17 frac fluid. Treated @ avg press of 2045 psi w/avg rate of 24.7 BPM. ISIP 2410 psi.
08-22-07	4946-4972'	**Frac A1 sands as follows:** 79934# 20/40 sand in 636 bbls Lightning 17 frac fluid. Treated @ avg press of 3383 psi w/avg rate of 22.2 BPM. ISIP 3225 psi. Calc flush: 5116 gal. Actual flush: 4612 gal
08-22-07	4702-4718'	**Frac C sands as follows:** 50281# 20/40 sand in 462 bbls Lightning 17 frac fluid. Treated @ avg press of 1735 psi w/avg rate of 24.7 BPM. ISIP 1850 psi.
08-22-07	4571-4610'	**Frac D1 & D2 sands as follows:** 80148# 20/40 sand in 985 bbls Lightning 17 frac fluid. Treated @ avg press of 1780 psi w/avg rate of 24.7 BPM. ISIP 2055 psi
08-23-07	4072-4081'	**Frac GB6 sands as follows:** 32787# 20/40 sand in 366 bbls Lightning 17 frac fluid. Treated @ avg press of 1686 psi w/avg rate of 24.7 BPM. ISIP 1810 psi.
6/22/2010		Pump Change. Update rod ant tubing details

PERFORATION RECORD

06-29-07	5939-5949'	4 JSPF	40 holes
08-20-07	5118-5131'	4 JSPF	52 holes
08-20-07	4956-4972'	4 JSPF	104 holes
08-20-07	4702-4718'	4 JSPF	64 holes
06-29-07	4599-4610'	4 JSPF	44 holes
08-20-07	4571-4578'	4 JSPF	28 holes
08-20-07	4072-4081'	4 JSPF	36 holes

NEWFIELD

Federal 8-21-9-16

1852' FNL & 771' FEL

SE/NE Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33023; Lease # UTU-64379

CB 7/20/2010

ATTACHMENT E-6

Federal 9-21-9-16

Spud Date: 07/31/09
Put on Production: 09/02/09

GL: 5970' KB: 5982'

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

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

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 2 x ¾" = 8'pony rod, 1 x ¾" = 6' pony rods, 1 x ¾" = 8' pony rods, 104 – ¾" = 2600' (4 per) guided rods, 34 – ¾" = 850' sucker rods, 77 – ¾" = 1925' (4 per) guided rods, 6 - 1 ½" = 150' sinker bars
PUMP SIZE: CDI 2 ½" x 1 1/25" x 17' RTBC McGyver pump
STROKE LENGTH: 122
PUMP SPEED, SPM 5

Wellbore Diagram

FRAC JOB

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

PERFORATION RECORD

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

NEWFIELD

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

VC 5/20/2011

ATTACHMENT E-7

FEDERAL 10-21-9-16

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

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

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

PRODUCTION CASING

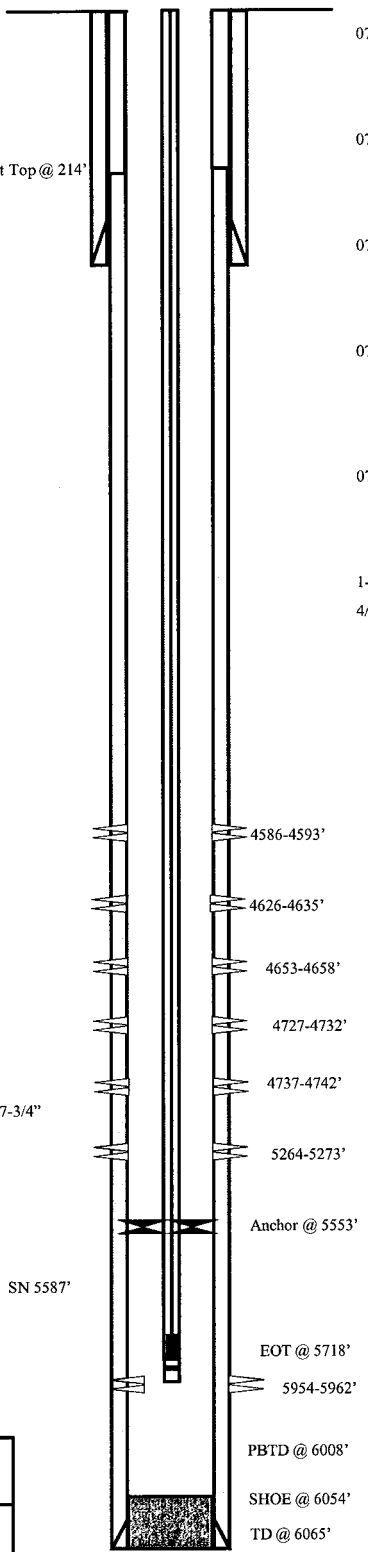
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6041.')
DEPTH LANDED: 6054.25' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 214'

TUBING

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

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-8', 1-6' x ¾" pony rods, 99-3/4" scrapered rods, 97-3/4" plain rods, 20-3/4" scrapered rods, 6-1 ½" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15' RHAC W/ sm plunger
STROKE LENGTH: 86"
PUMP SPEED, 4.5 SPM:



FRAC JOB

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

PERFORATION RECORD

07/20/07	5954-5962'	4 JSPF	32 holes
07/20/07	5264-5273'	4 JSPF	36 holes
07/20/07	4737-4742'	4 JSPF	20 holes
07/20/07	4727-4732'	4 JSPF	20 holes
07/20/07	4653-5658'	4 JSPF	20 holes
07/20/07	4626-4635'	4 JSPF	36 holes
07/21/07	4586-4593'	4 JSPF	28 holes

NEWFIELD

FEDERAL 10-21-9-16

1992'FSL & 1810' FEL

NW/SE Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33110; Lease # UTU-74392

DF 7/8/09

ATTACHMENT E-8

Federal 11-21-9-16

Spud Date: 7-04-07
Put on Production: 8-06-07
GL: 6040' KB: 6052'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309.74')
DEPTH LANDED: 321.59' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

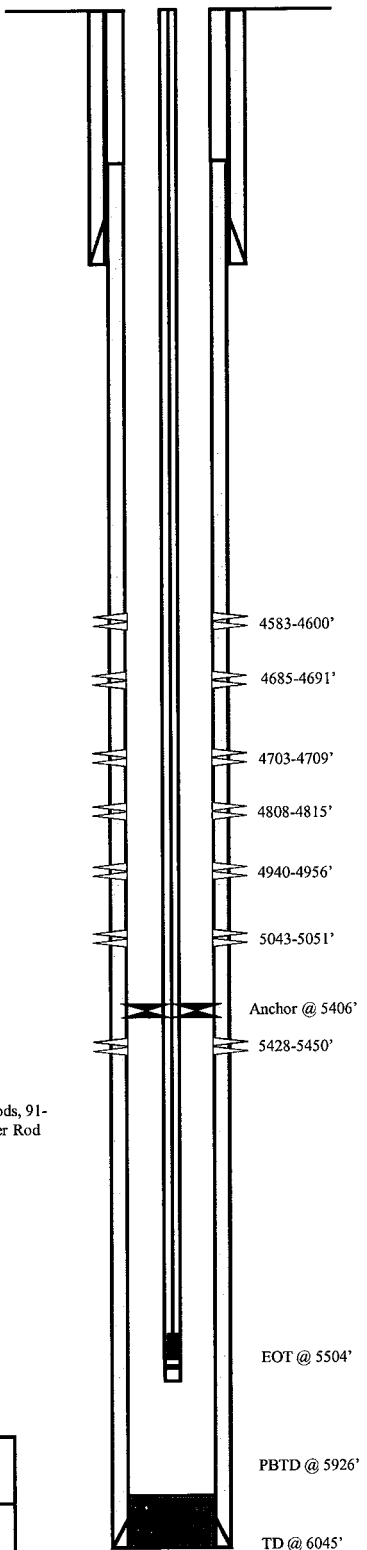
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6017.88')
DEPTH LANDED: 6031.13' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 223'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 172 jts (5405.76')
TUBING ANCHOR: 5406' KB
NO. OF JOINTS: 1 jts (31.54')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5440.1' KB
NO. OF JOINTS: 2 jts (63.10')
TOTAL STRING LENGTH: EOT @ 5504' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-2',1-4', &1-8' x ¾" pony rods, 100- ¾" guided rods, 91-¾" guided rods, 20- ¾" guided rods, 6-1 ½" sinker bars, 1-1" Stablilizer Rod
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RHAC w/SM plunger
STROKE LENGTH: 102"
PUMP SPEED, SPM: 4.5 SPM



FRAC JOB

08-01-07	5428-5450'	**Frac CP1 sands as follows:** 99480# 20/40 sand in 758 bbls Lightning 17 frac fluid. Treated @ avg press of 2388 psi w/avg rate of 24.8 BPM. ISIP 2100 psi. Calc flush: 5426 gal. Actual flush: 4839 gal.
08-01-07	5043-5051'	**Frac LODC sands as follows:** 24293# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 2280 psi w/avg rate of 24.9 BPM. ISIP 2492 psi. Calc flush: 5041 gal. Actual flush: 4524 gal.
0801-07	4940-4956'	**Frac A3 sands as follows:** 70072# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 2180 psi w/avg rate of 24.9 BPM. ISIP 2368 psi. Calc flush: 4938 gal. Actual flush: 4431 gal.
08-01-07	4808-4815'	**Frac B2 sand as follows:** 14168# 20/40 sand in 280 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 w/ avg rate of 25 BPM. ISIP 1720 psi. Calc flush: 4806 gal. Actual flush: 4301 gal.
08-01-07	4685-4709'	**Frac C sand as follows:** 19350# 20/40 sand in 304 bbls Lightning 17 frac fluid. Treated @ avg press of 1870 w/ avg rate of 24.8 BPM. ISIP 1717 psi. Calc flush: 4683 gal. Actual flush: 4179 gal.
08-01-07	4583-4600'	**Frac D2 sand as follows:** 112592# 20/40 sand in 813 bbls Lightning 17 frac fluid. Treated @ avg press of 1600 w/ avg rate of 24.7 BPM. ISIP 1750 psi. Calc flush: 4581 gal. Actual flush: 4494 gal.
12/18/08 05/25/11		Stuck Pump. Updated rod & tubing details. Parted Rods Rod & tubing updated.

PERFORATION RECORD

07-24-07	5428-5450'	4 JSPF	22 holes
08-01-07	5043-5051'	4 JSPF	32 holes
08-01-07	4940-4956'	4 JSPF	64 holes
08-01-07	4808-4815'	4 JSPF	28 holes
08-01-07	4703-4709'	4 JSPF	24 holes
08-01-07	4685-4691'	4 JSPF	24 holes
08-01-07	4583-4600'	4 JSPF	68 holes

NEWFIELD

Federal 11-21-9-16

1742' FSL & 2052' FWL

NE/SW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33144; Lease # UTU-74392

TW 08/30/11

Attachment E-9

Federal 12-21-9-16

Spud Date: 7-30-07
Put on Production: 8-28-07
GL: 6054' KB: 6066'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (302.22')
DEPTH LANDED: 313.23' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf

PRODUCTION CASING

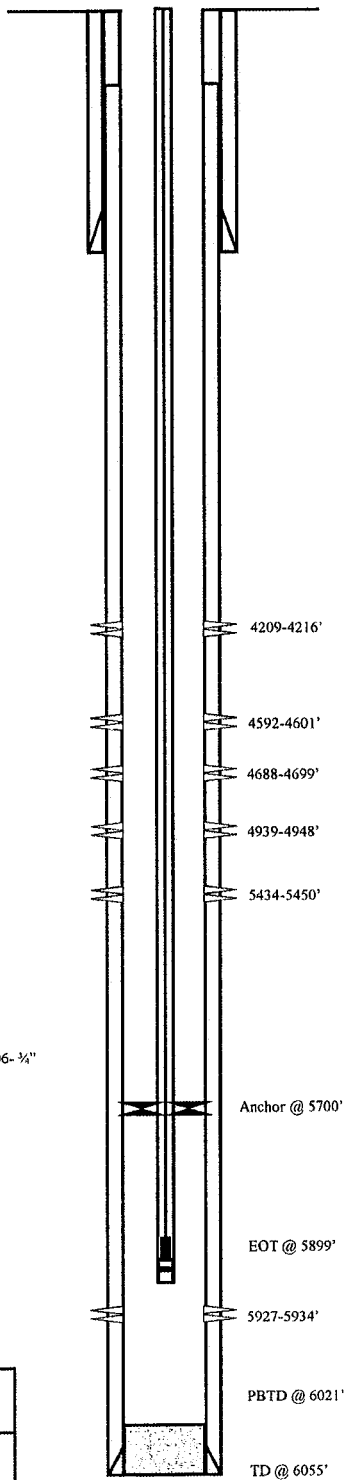
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (6047 38')
DEPTH LANDED: 6061.02' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 152'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55
NO. OF JOINTS: 181 jts (5688.')
TUBING ANCHOR: 5700.' KB
NO. OF JOINTS: 2 jts (63.00')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5766.' KB
NO. OF JOINTS: 1 jts (31.50')
GAS ANCHOR: 5799
NO. OF JOINTS: 3 jts (94.6)
TOTAL STRING LENGTH: EOT @ 5899' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-4', 1-8' X ¾" Pony Rods, 99- ¾" guided rods, 106- ¾" plain rods, 19- ¾" guided rods, 6-1 ½" sinker bars.
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM



FRAC JOB

08-24-07	5927-5934'	**Frac BSLS sands as follows:** 29629# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2275 psi w/avg rate of 24.7 BPM. ISIP 2025 psi. Calc flush: 5925 gal. Actual flush: 5376 gal.
08-24-07	5434-5450'	**Frac CP1 sands as follows:** 70328# 20/40 sand in 585 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 24.7 BPM. ISIP 2435 psi. Calc flush: 5432 gal. Actual flush: 4872 gal.
08-24-07	4939-4948'	**Frac A3 sands as follows:** 39870# 20/40 sand in 412 bbls Lightning 17 frac fluid. Treated @ avg press of 2105 psi w/avg rate of 24.7 BPM. ISIP 2375 psi. Calc flush: 4937 gal. Actual flush: 4410 gal.
08-24-07	4688-4699'	**Frac C sand as follows:** 47661# 20/40 sand in 452 bbls Lightning 17 frac fluid. Treated @ avg press of 1903 w/ avg rate of 24.7 BPM. ISIP 2075 psi. Calc flush: 4686 gal. Actual flush: 4221 gal.
08-24-07	4592-4601'	**Frac D2 sand as follows:** 48185# 20/40 sand in 445 bbls Lightning 17 frac fluid. Treated @ avg press of 1687 w/ avg rate of 24.7 BPM. ISIP 1740 psi. Calc flush: 4590 gal. Actual flush: 4074 gal.
08-24-07	4209-4216'	**Frac pb8 sand as follows:** 37092# 20/40 sand in 322 bbls Lightning 17 frac fluid. Treated @ avg press of 2218 w/ avg rate of 24.7 BPM. ISIP 3225 psi. Calc flush: 4207 gal. Actual flush: 1718 gal.
12-12-07		Pump Change. Updated rod & tubing details.
10/26/09		Pump Change. Updated rod & tubing details.
10/14/11		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

08-20-07	5927-5934'	4 JSPF	28 holes
08-24-07	5434-5450'	4 JSPF	64 holes
08-24-07	4939-4948'	4 JSPF	36 holes
08-24-07	4688-4699'	4 JSPF	44 holes
08-24-07	4592-4601'	4 JSPF	36 holes
08-24-07	4209-4216'	4 JSPF	28 holes

NEWFIELD

Federal 12-21-9-16

1952' FSL & 557' FWL

NW/SW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33143; Lease # UTU-74392

TW 11/01/11

ATTACHMENT E-10

Federal 13-21-9-16

Spud Date: 4-30-07
Put on Production: 7-30-07
GL: 6105' KB: 6117'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH:.7 jnts (312.15')
DEPTH LANDED: 324.01' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

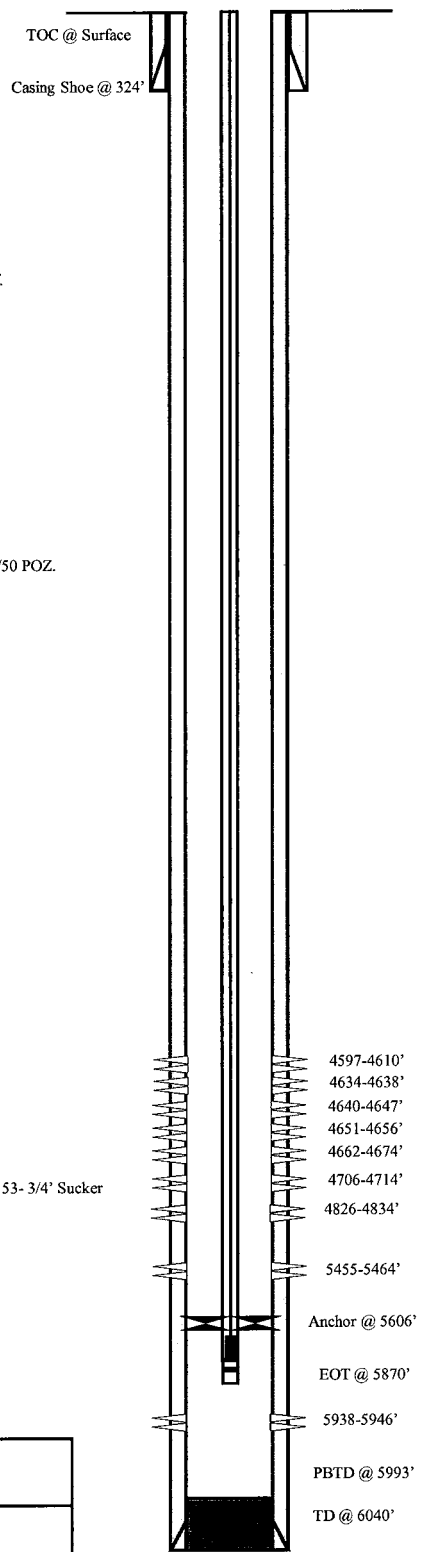
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6025.88')
DEPTH LANDED: 6039.13' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: surface.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 168 jts. (5313.5')
NO. OF JOINTS: 9 jts. (280.8')
TUBING ANCHOR: 5606'
NO. OF JOINTS: 1jts (31.40')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5641.'
NO. OF JOINTS: 1 jts (31.40')
GAS ANCHOR: (5673.')
NO. OF JOINTS: 6 jts. (188.5')
TOTAL STRING LENGTH: EOT @ 5868'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-4', x ¾" Pony rods, 99- ¾" Guided rods, 53- 3/4' Sucker rods, 66-3/4' 4 PER Guided rods, 6-1 1/2' Sinker bars.
PUMP SIZE: 2-1/2" x 1-1/2" x 16'x 20' RHAC CDI pump
STROKE LENGTH: 120"
PUMP SPEED, 4 SPM



FRAC JOB

7-25-07	5938-5946'	**Frac BSC sands as follows:** 14827# 20/40 sand in 293 bbls Lightning 17 frac fluid. Treated @ avg press of 1898 psi w/avg rate of 24.8 BPM. ISIP 1983 psi. Calc flush:5936 gal. Actual flush: 5418 gal.
7-25-07	5455-5464'	**Frac CP1 sands as follows:** 152957# 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2098 psi w/avg rate of 24.7 BPM. ISIP 2085 psi. Calc flush: 5453 gal. Actual flush: 4914 gal.
7-26-07	4826-4834'	**Frac B2 sands as follows:** 45217# 20/40 sand in 434 bbls Lightning 17 frac fluid. Treated @ avg press of 2144 psi w/avg rate of 28.1 BPM. ISIP 2377 psi. Calc flush: 4824 gal. Actual flush: 4368 gal.
7-26-07	4706-4714'	**Frac C sands as follows:** 42292# 20/40 sand in 354 bbls Lightning 17 frac fluid. 24.8 BPM. ISIP 1463 psi.
2-19-08		Pump Change. Updated rod & tubing details.
05/15/09		Recompletion.
05/15/09	4597-4610'	**Frac D3 & D2 sands as follows:** 124935# 20/40 sand in 1196 bbls Lightning 17 frac fluid. 26 BPM. ISIP 1764 psi.
04/19/10		Tubing Leak. Rod & Tubing Updated.
03/24/11		Tubing Leak. Rod & tubing details updated.
12/22/11		Tubing Leak: Rod & tubing details updated.

PERFORATION RECORD

7-18-07	5938-5946'	4 JSPF	32 holes
7-25-07	5455-5464'	4 JSPF	36 holes
7-25-07	4826-4834'	4 JSPF	32 holes
7-26-07	4706-4714'	4 JSPF	32 holes
5-16-09	4662-4674'	4 JSPF	48 holes
5-16-09	4651-4656'	4 JSPF	20 holes
5-16-09	4640-4647'	4 JSPF	28 holes
5-16-09	4634-4638'	4 JSPF	16 holes
5-16-09	4597-4610'	4 JSPF	52 holes

NEWFIELD

Federal 13-21-9-16

811' FSL & 687' FWL

SW/SW Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33142; Lease #UTU-74392

TW 08/09/11
Updated HC 1/31/12

ATTACHMENT E-11

Federal 14-21-9-16

Spud Date: 6-22-07
Put on Production: 7-27-07
GL: 6052' KB: 6064'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jnts (311.59')
DEPTH LANDED: 323.44' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

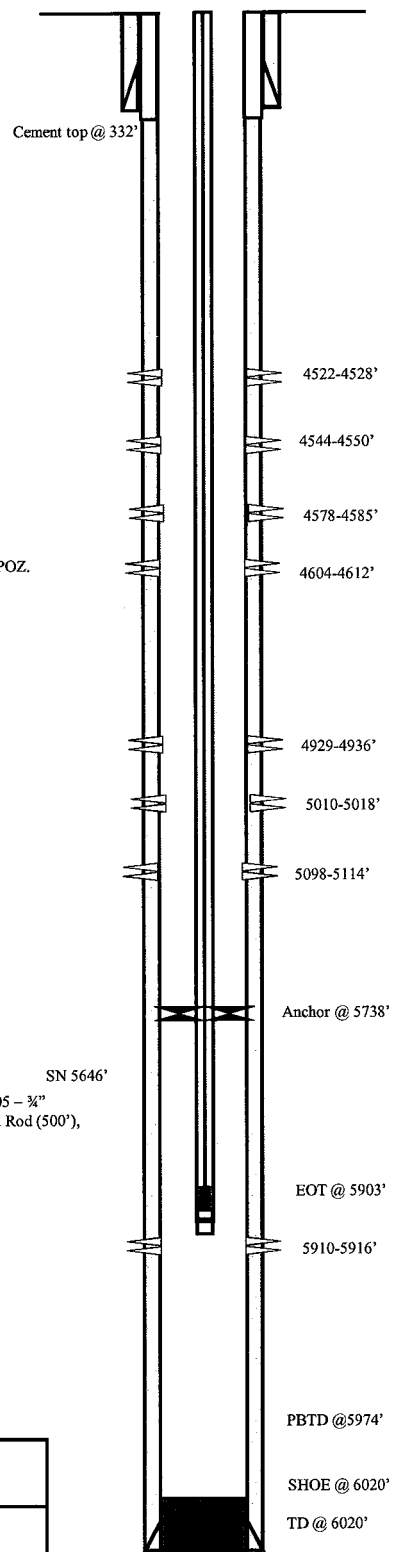
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (6006.31')
DEPTH LANDED: 6019.56' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TO SURFACE: 332'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 184 jts (5726.1')
TUBING ANCHOR: 5738.1' KB
NO. OF JOINTS: 1 jts (31.1')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5771.9' KB
NO. OF JOINTS: 1 jts (31.5')
NO. OF JOINTS: 3 jts (92.9')
TOTAL STRING LENGTH: EOT @ 5903' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1 – ¾" x 2' Pony Rod, 1 – ¾" x 8' Pony Rod, 105 – ¾" Guided Rod (2625'), 99 – ¾" Sucker Rod (2475'), 20 – ¾" Guided Rod (500'), 6 – 1 ½" Sinker Bar (150').
PUMP SIZE: 2-1/2" x 1-1/4" x 9' x 18' x 22' VSP
STROKE LENGTH: 120"
PUMP SPEED, 4.5 SPM



FRAC JOB

7-23-07	5910-5916'	**Frac BSC sands as follows:** 15064# 20/40 sand in 286 bbls Lightning 17 frac fluid. Treated @ avg press of 1992 psi w/avg rate of 24.7 BPM. ISIP 2266 psi. Calc flush: 5908 gal. Actual flush: 5334 gal.
7-23-07	5098-5114'	**Frac LODC sands as follows:** 109920# 20/40 sand in 810 bbls Lightning 17 frac fluid. Treated @ avg press of 2714 psi w/avg rate of 24.9 BPM. ISIP 3464 psi. Calc flush: 5096 gal. Actual flush: 4591 gal.
7-23-07	5010-5018'	**Frac LODC sands as follows:** 15148# 20/40 sand in 263 bbls Lightning 17 frac fluid. Treated @ avg press of 3213 psi w/avg rate of 24.9 BPM. ISIP 3464 psi. Calc flush: 5008 gal. Actual flush: 4494 gal.
7-24-07	4522-4604'	**Frac D1, D1, D2, D3 sands as follows:** 122380# 20/40 sand in 848 bbls Lightning 17 frac fluid. Treated @ avg press of 1681 psi w/avg rate of 24.9 BPM. ISIP 1905 psi. Calc flush: 4520 gal. Actual flush: 4410 gal.
04/04/08 2/27/12		**Pump Change.** Rod & Tubing detail updated Parted Rods. Updated rod & tubing detail.

PERFORATION RECORD

7-13-07	5910-5916'	4 JSPF	24 holes
7-23-07	5098-5114'	4 JSPF	64 holes
7-23-07	5010-5018'	4 JSPF	32 holes
7-23-07	4929-4936'	4 JSPF	28holes
7-24-07	5604-5612'	4 JSPF	32 holes
7-24-07	4578-4585'	4 JSPF	28 holes
7-24-07	4544-4550'	4 JSPF	24 holes
7-24-07	4522-4528'	4 JSPF	24 holes

NEWFIELD

Federal 14-21-9-16

797' FSL & 1993' FWL

SE/SW Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33141; Lease #UTU-74392

TW 04/28/08
Updated by CS 02/27/12

ATTACHMENT E-12

FEDERAL 8-20-9-16

Spud Date: 06/05/07
Put on Production: 07/09/07
GL: 6055' KB: 6067'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (303.80')
DEPTH LANDED: 313.8' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

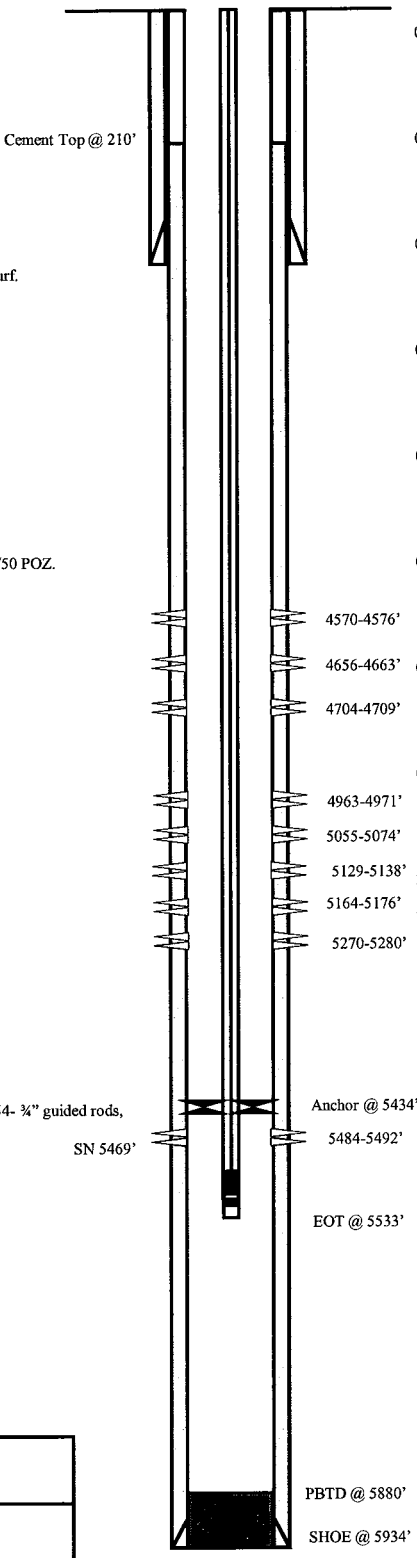
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts. (5936.00')
DEPTH LANDED: 5934.00' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP: 210'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5422.3')
TUBING ANCHOR: 5434.3' KB
NO. OF JOINTS: 1 jt (31.7')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5468.7' KB
NO. OF JOINTS: 2 jts (62.7')
TOTAL STRING LENGTH: EOT @ 5533' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 100- ¾" guided rods, 58- ¾" sucker rods, 54- ¾" guided rods, 6- 1 ½" weight bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC
STROKE LENGTH:
PUMP SPEED, SPM:



FRAC JOB

07/02/07	5484-5492'	**Frac CP1 sands as follows:** 15470# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2490 psi w/avg rate of 24.6 BPM. ISIP 2369 psi. Calc flush: 5482 gal. Actual flush: 4981 gal.
07/02/07	5270-5280'	**Frac LODC sands as follows:** 29548# 20/40 sand in 365 bbls Lightning 17 frac fluid. Treated @ avg press of 2397 psi w/avg rate of 24.4 BPM. ISIP 2486 psi. Calc flush: 5268 gal. Actual flush: 4796 gal.
07/02/07	5129-5176'	**Frac LODC sands as follows:** 4712# 20/40 sand in 389 bbls Lightning 17 frac fluid. Blender Broke. Need to Refrac. ISIP 2340 psi. Calc.flush: 5127 gal. Actual flush: 5292 gal.
07/03/07	5129-5176'	**Frac LODC sands as follows:** 95147# 20/40 sand in 706 bbls Lightning 17 frac fluid. Treated @ avg press of 2554 psi w/avg rate of 24 BPM. ISIP 2775 psi. Calc flush: 5127 gal. Actual flush: 4662 gal.
07/03/07	5055-5074'	**Frac LODC sands as follows:** 71220# 20/40 sand in 719 bbls Lightning 17 frac fluid. Treated @ avg press of 2372 psi w/avg rate of 24.3 BPM. ISIP 2680 psi. Calc flush: 5053 gal. Actual flush: 5095 gal.
07/03/07	4963-4971'	**Frac A1 sands as follows:** 40277# 20/40 sand in 492 bbls Lightning 17 frac fluid. Treated @ avg press of 2725 psi w/avg rate of 24.5 BPM. ISIP 2290 psi. Calc flush: 4961 gal. Actual flush: 4452 gal
07/05/07	4656-4709'	**Frac D3&C sands as follows:** 29723# 20/40 sand in 376 bbls Lightning 17 frac fluid. Treated @ avg press of 1630 psi w/avg rate of 24.5 BPM. ISIP 1700 psi. Calc flush: 4654 gal. Actual flush: 4200 gal
07/05/07	4570-4576'	**Frac D1 sands as follows:** 42080# 20/40 sand in 356 bbls Lightning 17 frac fluid. Treated @ avg press of 1829 psi w/avg rate of 24.4 BPM. ISIP 1875 psi. Calc flush: 4568 gal. Actual flush: 4494 gal.
2/10/09		Pump Change. Updated r & t details.
5/26/2010		Tubing leak. Updated rod and tubing detail.

PERFORATION RECORD

06/28/07	5484-5492'	4 JSPF	32 holes
07/02/07	5270-5280'	4 JSPF	40 holes
07/02/07	5164-5176'	4 JSPF	48 holes
07/02/07	5129-5138'	4 JSPF	36 holes
07/03/07	5055-5074'	4 JSPF	76 holes
07/03/07	4963-4971'	4 JSPF	32 holes
07/03/07	4704-4709'	4 JSPF	20 holes
07/03/07	4656-4663'	4 JSPF	28 holes
07/05/07	4570-4576'	4 JSPF	24 holes

NEWFIELD

FEDERAL 8-20-9-16

2133'FNL & 746' FEL

SE/NE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33107; Lease # UTU-52018

ML 7/6/2010

ATTACHMENT E-13

Federal 9-20-9-16

Spud Date: 6-14-07

Put on Production: 8-23-07

GL: 6095' KB: 6107'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (302.22')

DEPTH LANDED: 313.12' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 156 jts. (6053.98')

DEPTH LANDED: 6067.23' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

CEMENT TOP AT: 88'

TUBING

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

NO. OF JOINTS: 165 jts (5188.5')

TUBING ANCHOR: 5200.5' KB

NO. OF JOINTS: 2 jts (62.9')

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

SN LANDED AT: 5266.3' KB

NO. OF JOINTS: 2 jts (62.9')

TOTAL STRING LENGTH: EOT @ 5331.0' KB

SUCKER RODS

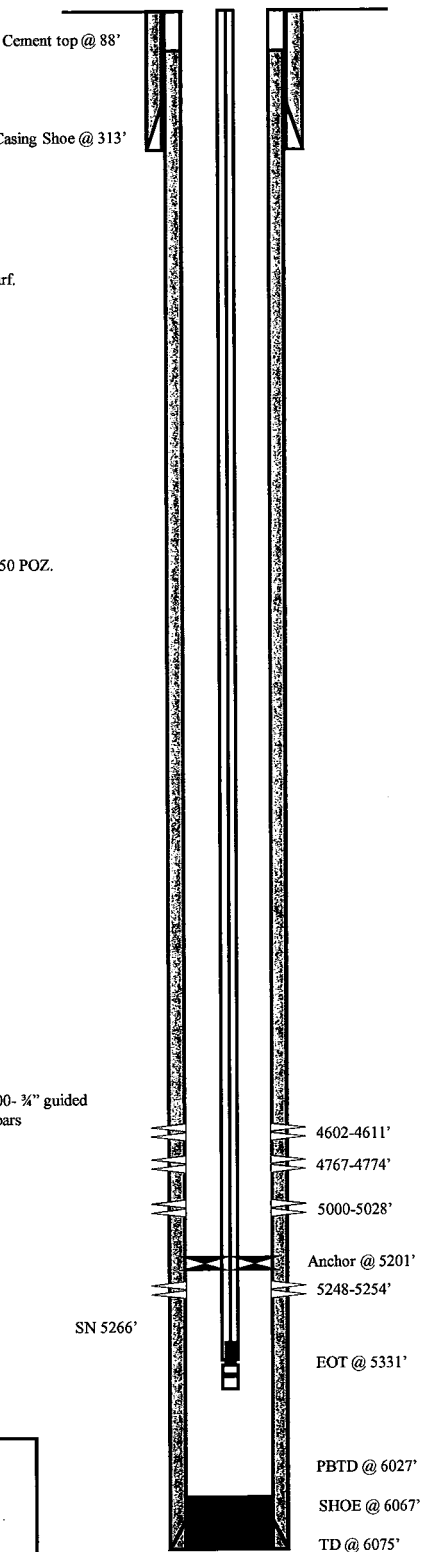
POLISHED ROD: 1-1/2" x 26' SM

SUCKER RODS: 1-6' x ¾" pony rod, 1- 4' x ¾" pony rod, 100- ¾" guided rods, 82- ¾" sucker rods, 22- ¾" guided rods, 6- 1 ½" weight bars

PUMP SIZE: 2-1/2" x 1-1/2" x 18' RHAC

STROKE LENGTH: 120"

PUMP SPEED, SPM: 5 SPM



FRAC JOB

08-17-07	5248-5254'	**Frac LODC sands as follows:** 14994# 20/40 sand in 282 bbls Lightning 17 frac fluid. Treated @ avg press of 2477 psi w/avg rate of 24.8 BPM. ISIP 2540 psi. Calc flush: 5246 gal. Actual flush: 4704 gal.
08-17	5000-5028'	**Frac LODC sands as follows:** 151355# 20/40 sand in 1050 bbls Lightning 17 frac fluid. Treated @ avg press of 1647 psi w/avg rate of 24.8 BPM. ISIP 2100 psi. Calc flush: 4998 gal. Actual flush: 4494 gal.
08-17-07	4764-4774'	**Frac B.5 sands as follows:** 19761# 20/40 sand in 294 bbls Lightning 17 frac fluid. Treated @ avg press of 2232 psi w/avg rate of 24.8 BPM. ISIP 4148 psi. Calc flush: 4762 gal. Actual flush: 3839 gal.
08-17-07	4602-4611'	**Frac D2 sand as follows:** 45991# 20/40 sand in 435 bbls Lightning 17 frac fluid. Treated @ avg press of 2094 w/ avg rate of 24.8 BPM. ISIP 1850 psi. Calc flush: 4600 gal. Actual flush: 4515 gal.
2/1/2010		Pump change. Updated rod and tubing detail.

PERFORATION RECORD

08-13-07	5248-5254'	4 JSPF	24 holes
08-17-07	5000-5028'	4 JSPF	112 holes
08-17-07	4767-4774'	4 JSPF	28 holes
08-17-07	4602-4611'	4 JSPF	36 holes

NEWFIELD

Federal 9-20-9-16

2011'FSL & 789' FEL (NE/SE)

Section 20, T9S, R16E

Duchesne County, Utah

API #43-013-33068; Lease # UTU-74391

ML 4/16/2010

Updated by CS 07/30/2012

ATTACHMENT E-14

Monument Federal 31-21Y-9-16

Put on Production: 3-1-97

Wellbore Diagram

SURFACE CASING

Surface Casing	0'	260'	8 5/8"	24	J55	Casing Shoe @ 260'

150 sacks class"G" with 2% CaCl and 1/4 lb/sack Flocele.
(Cement will be circulated to surface.)

PRODUCTION CASING

Production Casing	0'	5650'	5 1/2"	15.50	J55

205 sacks 28:72 Poz. (28% POZ: 72% Class"C") with 10% Gel, 6.0 lbs/sk KOL SEAL & ¼ pps Cello Flake. (Wt.=11.09 ppg, Yd =3.30 Cu.Ft/Sk Comp. Stght @ 72 Hrs=575) Tailed with 400 sacks 50:50 POZ(50% POZ: 50% Class"G") with 2% Gel, 0.3% FL-52, ¼ pps Cello Flakes & 2.0 pps KOL SEAL. (Wt.=14.30 ppg, Yd=1.25 Ft.Cu./Sk, Comp Strght @ 75 Hrs=2700)
(Actual cement volumes to be calculated from caliper log with cement top at 2000')

TUBING

Tbg Detail w/ 10' KB

NC--.40 EOT @ 5082.56

1-jt--29.98

1-SN--1.10 @ 5052.18

2-jts-- 61.82

1-5-1/2" 40,000 SR AC 2.75

161-jts tbg 4976.51

SUCKER RODS

Rod detail

1-2-1/2"x1-1/2"x16'RHAC P.

1-1"x2' pony w/ guides

4-1-1/2" wt. Bars

1-1"x2' pony w/ guides

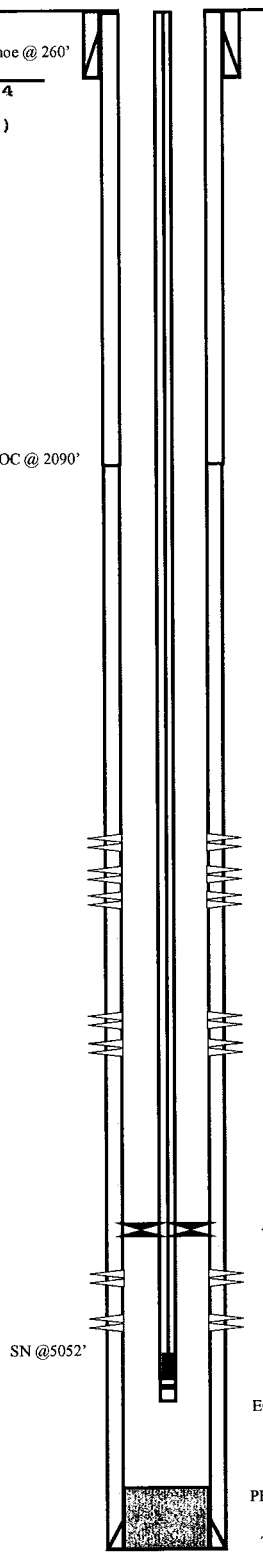
4-3/4" rods w/ guides

193-plain rods

2-3/4"x2',8'pny,1-1-1/4"x22'

FRAC JOB

Depth Interval	Amount and Kind of Material Used
5001' - 5032'	Break down with 2,436 gallons 2% KCL water.
4860' - 4868'	Break down with 2,772 gallons 2% KCL water.
4860' - 5032'	Fracture with 17,440# 20/40 mesh sand and 39,550# 16/30 mesh sand with 18,186 gallons 2% KCL gelled water.
4744' - 4757'	Break down with 2,436 gallons 2% KCL water.
4614' - 4620'	Break down with 1,848 gallons 2% KCL water.
4614' - 4757'	Fracture with 30,400# 16/30 mesh sand with 11,130 gallons 2% KCL gelled water.



PERFORATION RECORD

PERFORATION RECORD (Interval, size and number)

5001' - 5004' (4 SPF)
5030' - 5032' (4 SPF)
4860' - 4864' (4 SPF)
4866' - 4868' (4 SPF)
4614' - 4620' (4 SPF)
4744' - 4749' (4 SPF)
4751' - 4757' (4 SPF)

CONFIDENTIAL

NEWFIELD

Monument Federal 31-21Y-9-16
537' FNL and 2146' FEL
NW/NE Sec. 21, T9S, 16E
Duchesne Co, Utah
API #43-013-31726 # UTU-64379

ATTACHMENT E-15

Balcron Federal #41-21y

Wellbore Diagram

Elev.GR - 5953.5' GL
Elev.KB - 5966' (13' KB)

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 250'
DEPTH LANDED: 258' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 15 sks class "G"

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6004.02'
DEPTH LANDED: 5999' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 165 sks thrifty lite. Tailed w/ 275 sks 50-50 POZ.

CEMENT TOP AT: 2980' KB

TUBING

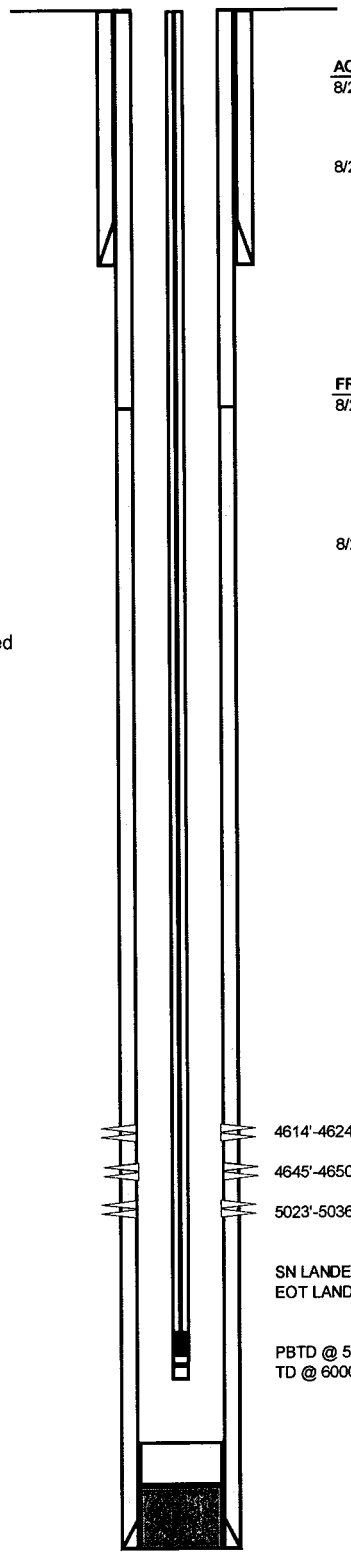
SIZE/GRADE/WT.: 2-7/8' 8rd EUE / J-55 / 6.5#
NO. OF JOINTS: 144 jts
TUBING ANCHOR: 2-7/8"x5-1/2"
NO. OF JOINTS: 21 Jts
SEATING NIPPLE: 2-7/8"x1.10'
PERFORATED SUB: 2-7/8"x3.20'
MUD ANCHOR: 2-7/8"x31.82'
STRING LENGTH:
SN LANDED AT:

SUCKER RODS

POLISHED ROD: 1-1/4"x22' SM
SUCKER RODS:
2-3/4"x4' Pony
1-3/4"x8' Pony
195-3/4"x25' Plain
6-1"x25' EL w/2.5 guides
TOTAL STRING LENGTH: 5061'

PUMP NUMBER: Trico #1193
PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC

STROKE LENGTH: 58 inches
PUMP SPEED, SPM: 6.5 SPM
PUMPING UNIT SIZE:
PUMPING UNIT:
PRIME MOVER:



SN LANDED @5061' KB
EOT LANDED @ 5098' KB

PBTD @ 5950' KB
TD @ 6000' ' KB

ACID JOB /BREAKDOWN

8/24/93	5023'-5036'	Halliburton: ATP=2500 psi, ATR=2.5 bpm, ISIP=1950 psi.
8/28/96	4645'-4650' 4614'-4624'	Halliburton: ATR=6.5 bpm, ATP=2650 psi.

FRAC JOB

8/25/93	5023'-5036'	No vols or quantities in report. Max. Rate=36 bpm, max. Press.=3200 psi, ATP=2470 psi, ISIP=2084 psi, 5 min=1770 psi, 10 min= 1723 psi, 15 min=1672 psi.
8/28/96	4645'-4650' 4614'-4624'	Halliburton: No vols or quantities in report. Max. Rate=35 bpm, ISIP=1972 psi, 5 min= 1791 psi, 10 min=1679 psi, 15 min=1607 psi.

PERFORATION RECORD

8/23/93	Cutter	5023'-5036'	2 SPF
8/27/93	Schlumberger	4645'-4650'	1 SPF
		4614'-4624'	1 SPF

NEWFIELD

Balcron Federal #41-21y
Monument Butte
Lease #U-64379
NE NE Section 21, T9S, R16E
970.2' FNL, 893.8 FEL
Duchesne County, Utah

API # 43-013-31392

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

ATTACHMENT F
1 of 5

multi-chem
A HALLIBURTON SERVICE

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **BELUGA INJECTION**
Sample Point: **Comingled**
Sample Date: **1/16/2012**
Sample ID: **WA-205556**

Sales Rep: **Darren Betts**
Lab Tech: **John Keel**

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

Sample Specifics	
Test Date:	1/16/2012
System Temperature 1 (°F):	300.00
System Pressure 1 (psig):	1300.00
System Temperature 2 (°F):	70.00
System Pressure 2 (psig):	14.70
Calculated Density (g/ml):	1.00
pH:	8.20
Calculated TDS (mg/L):	8252.18
CO2 in Gas (%):	0.00
Dissolved CO2 (mg/L)):	0.00
H2S in Gas (%):	
H2S in Water (mg/L):	55.00

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	2975.08	Chloride (Cl):	3800.00
Potassium (K):	10.00	Sulfate (SO_4):	374.00
Magnesium (Mg):	12.50	Bicarbonate (HCO_3):	1049.00
Calcium (Ca):	28.00	Carbonate (CO_3):	0.00
Strontium (Sr):		Acetic Acid (CH_3COO)	0.00
Barium (Ba):	2.20	Propionic Acid (C_2H_5COO)	0.00
Iron (Fe):	0.50	Butanoic Acid (C_3H_7COO)	0.00
Zinc (Zn):	0.40	Isobutyric Acid ($(CH_3)_2CHCOO$)	0.00
Lead (Pb):	0.30	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	0.20	Silica (SiO_2):	

Notes:
P=2.8

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.79	15.32	1.73	1.29	3.48	0.28	0.81	0.31	0.00	0.00	0.00	0.00	0.00	0.00	11.70	0.21
95	157	0.82	15.56	1.50	1.27	3.26	0.28	0.94	0.32	0.00	0.00	0.00	0.00	0.00	0.00	11.18	0.21
121	300	0.89	16.81	1.32	1.25	3.14	0.28	1.09	0.33	0.00	0.00	0.00	0.00	0.00	0.00	10.77	0.21
146	443	0.99	18.22	1.19	1.22	3.08	0.28	1.24	0.34	0.00	0.00	0.00	0.00	0.00	0.00	10.44	0.21
172	585	1.10	19.64	1.09	1.21	3.08	0.28	1.39	0.35	0.00	0.00	0.00	0.00	0.00	0.00	10.16	0.21
197	728	1.23	20.92	1.03	1.19	3.11	0.28	1.53	0.35	0.00	0.00	0.00	0.00	0.00	0.00	9.94	0.21
223	871	1.36	21.98	1.00	1.18	3.17	0.28	1.65	0.35	0.00	0.00	0.00	0.00	0.00	0.00	9.76	0.21
248	1014	1.50	22.79	0.99	1.18	3.26	0.28	1.77	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.21
274	1157	1.65	23.37	1.00	1.18	3.36	0.28	1.87	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.47	0.21
300	1300	1.79	23.76	1.02	1.18	3.47	0.28	1.96	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.36	0.21

		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
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.98	0.12	0.00	0.00	0.00	0.00	0.00	0.00
95	157	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.14	13.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00
121	300	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.21	12.45	0.12	0.00	0.00	0.00	0.00	0.00	0.00
146	443	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.24	11.87	0.12	0.00	0.00	0.00	0.00	0.00	0.00
172	585	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.25	11.38	0.12	0.00	0.00	0.00	0.00	0.00	0.00
197	728	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.26	10.96	0.12	0.00	0.00	0.00	0.00	0.00	0.00
223	871	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.26	10.61	0.12	0.00	0.00	0.00	0.00	0.00	0.00
248	1014	0.00	0.00	0.00	0.00	0.00	0.00	1.87	0.27	10.30	0.12	0.00	0.00	0.00	0.00	0.00	0.00
274	1157	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.27	10.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00
300	1300	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.27	9.80	0.12	0.00	0.00	0.00	0.00	0.00	0.00

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

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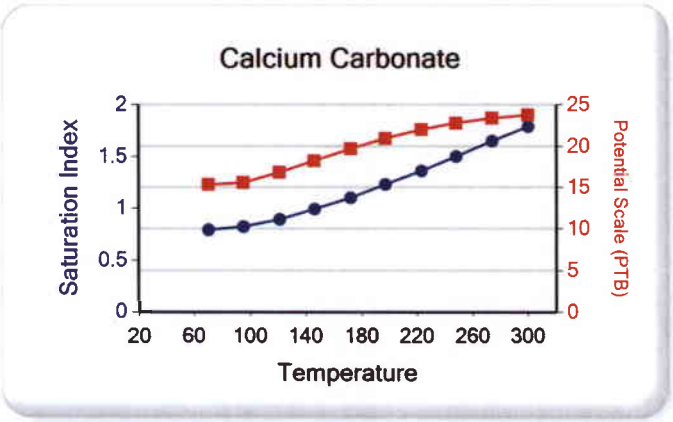
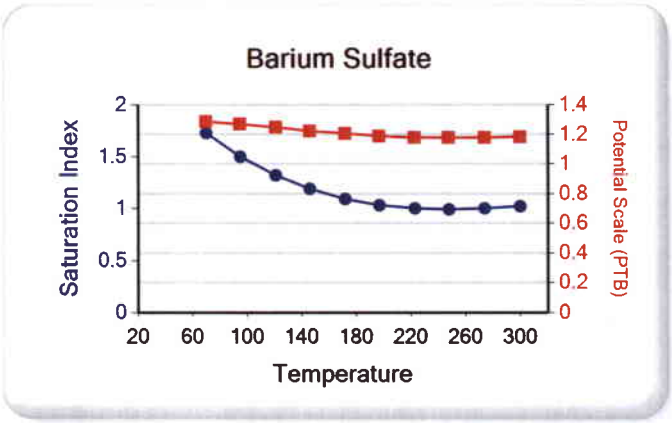
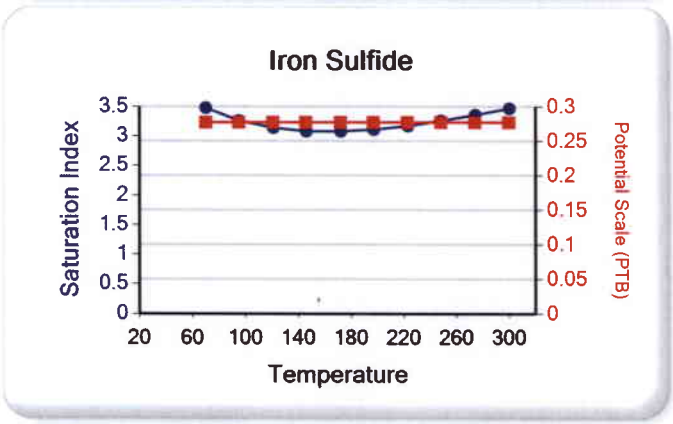
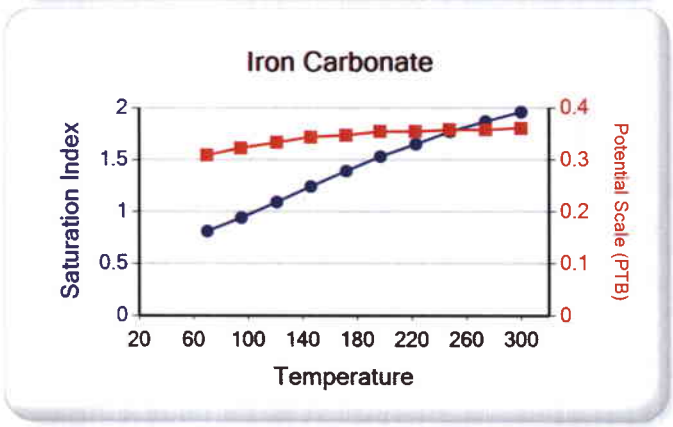
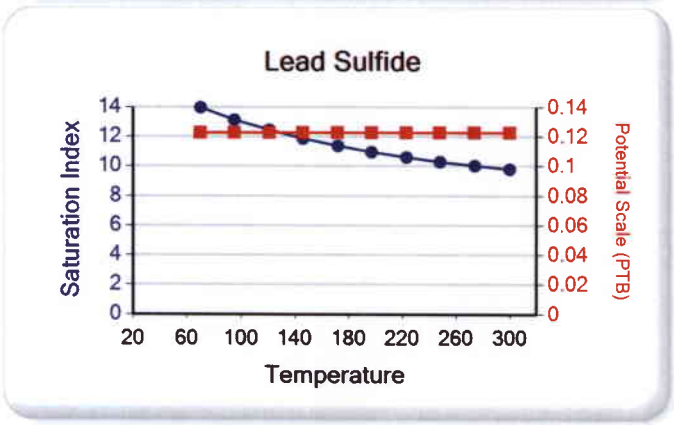
These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide

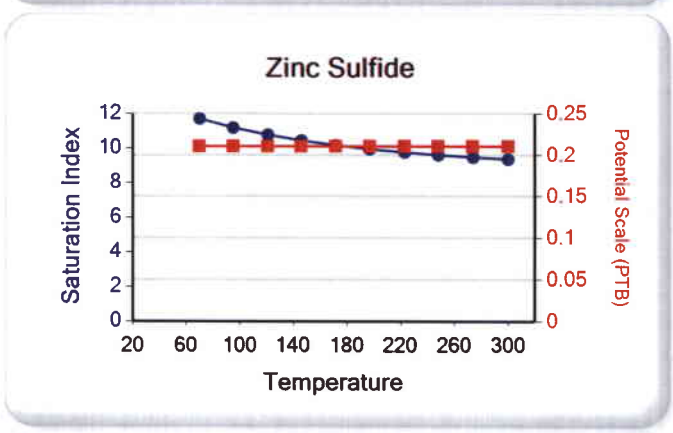


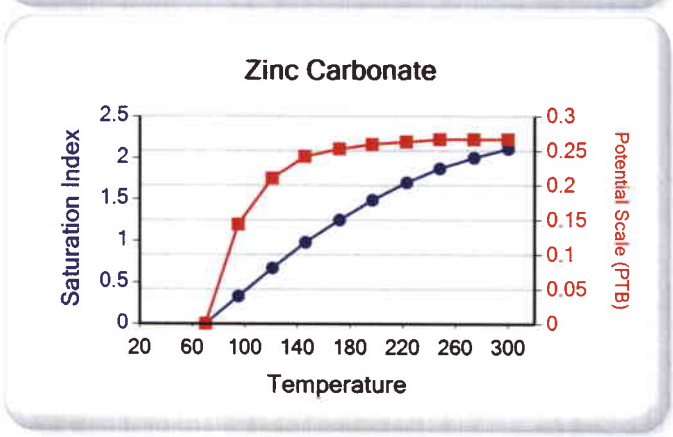












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ATTACHMENT F

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ATTACHMENT F

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Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **FEDERAL 6-21-9-16**
Sample Point: **Treater**
Sample Date: **8/13/2012**
Sample ID: **WA-222279**

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

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

Sample Specifics	
Test Date:	8/21/2012
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):	1.016
pH:	9.00
Calculated TDS (mg/L):	26818.98
CO2 in Gas (%):	
Dissolved CO2 (mg/L)):	0.00
H2S in Gas (%):	
H2S in Water (mg/L):	20.00

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	10032.38	Chloride (Cl):	14000.00
Potassium (K):	58.00	Sulfate (SO_4):	942.00
Magnesium (Mg):	25.00	Bicarbonate (HCO_3):	1708.00
Calcium (Ca):	47.00	Carbonate (CO_3):	
Strontium (Sr):		Acetic Acid (CH_3COO)	
Barium (Ba):	0.60	Propionic Acid (C_2H_5COO)	
Iron (Fe):	6.00	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	0.00	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	0.00	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	0.00	Silica (SiO_2):	

Notes:

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		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	2.13	40.72	0.35	0.20	4.16	3.31	3.17	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	2.09	40.69	0.37	0.20	4.16	3.31	3.13	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	2.06	40.65	0.39	0.21	4.17	3.31	3.10	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	2.02	40.61	0.42	0.22	4.18	3.31	3.07	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	1.99	40.56	0.45	0.23	4.19	3.31	3.03	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.96	40.52	0.48	0.24	4.21	3.31	2.99	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	1.93	40.47	0.52	0.25	4.24	3.31	2.95	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	1.90	40.42	0.57	0.26	4.27	3.31	2.90	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	1.87	40.37	0.62	0.27	4.31	3.31	2.86	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	1.84	40.33	0.68	0.28	4.36	3.31	2.81	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		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

Multi-Chem Analytical Laboratory
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ATTACHMENT F
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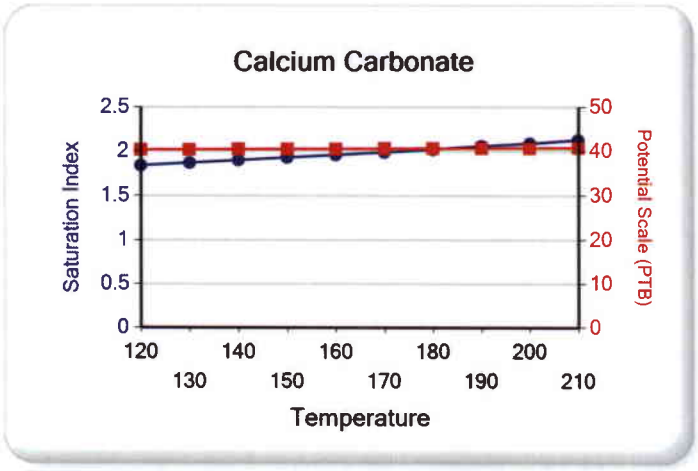
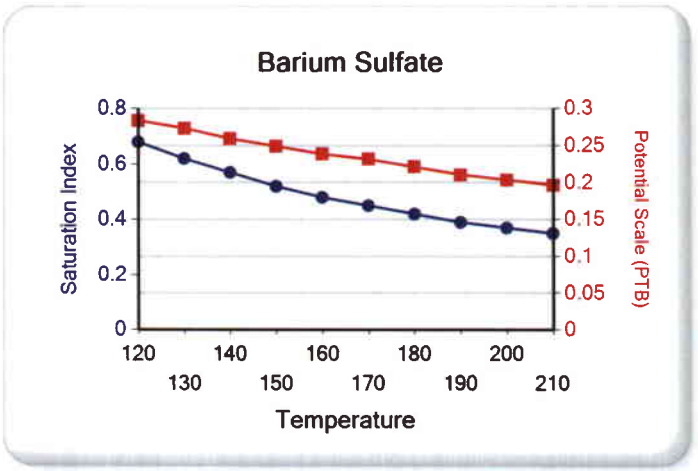
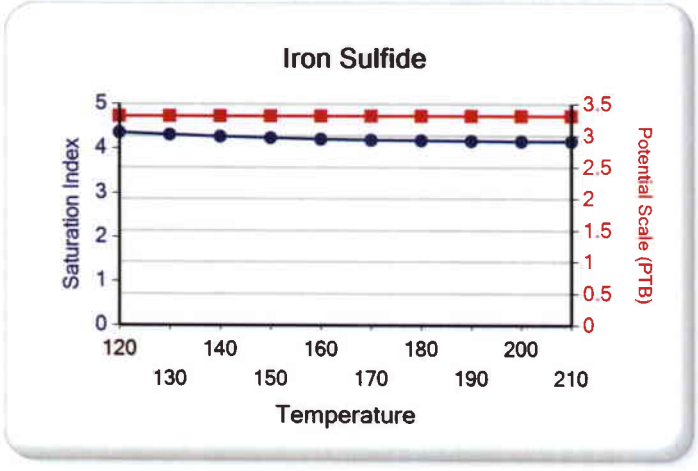
Water Analysis Report

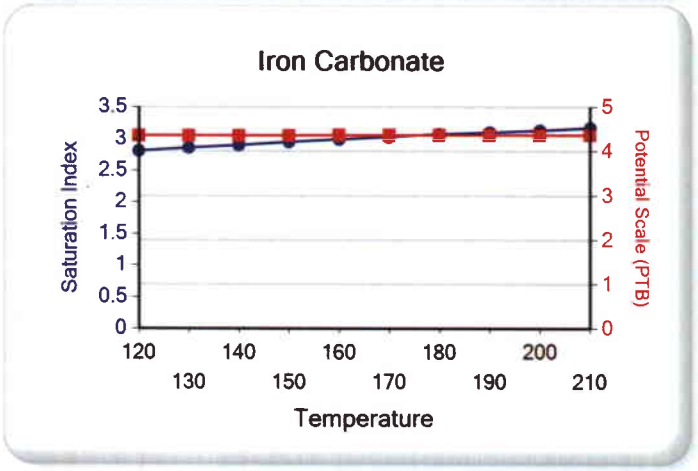
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate

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









Attachment "G"

Federal #6-21-9-16
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
5497	5472	5485	3010	0.98	2974
5098	5106	5102	2720	0.97	2687
4651	4588	4620	1880	0.84	1850 ←
				Minimum	1850

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.

NEWFIELD

ATTACHMENT G-1 1 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 6-21-9-16 **Report Date:** 11-16-06 **Day:** 01

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 5930' **Csg PBTD:** 5843'WL

Tbg: **Size:** **Wt:** **Grd:** **Pkr/EOT @:** **BP/Sand PBTD:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP1 sds	5472-5476'	4/16			
CP1 sds	5487-5497'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 15-Nov-06 **SITP:** **SICP:** 0

Instal 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5843' & cement top @ 60'. Perforate stage #1, CP1 sds @ 5487-5497', 5472-5476' w/ 4" Port guns (19 gram, .46"HE. 120) w/ 4 spf for total of 56 shots. 140 bbls EWTR. SIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 140 **Starting oil rec to date:**

Fluid lost/recovered today: 0 **Oil lost/recovered today:**

Ending fluid to be recovered: 140 **Cum oil recovered:**

IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

STIMULATION DETAIL

Base Fluid used: **Job Type:**

Company:

Procedure or Equipment detail:

Max TP: **Max Rate:** **Total fluid pmpd:**

Avg TP: **Avg Rate:** **Total Prop pmpd:**

ISIP: **5 min:** **10 min:** **FG:**

Completion Supervisor: Ron Shuck

COSTS

Weatherford BOP	
NPC NU crew	
NDSI trucking	
Perforators LLC	
Drilling cost	
Zubiate Hot Oil	
Location preparation	
NPC wellhead	
Benco - anchors	
Admin. Overhead	
NPC Supervisor	
DAILY COST:	$0
TOTAL WELL COST:	

NEWFIELD

ATTACHMENT G-1
2 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 6-21-9-16 **Report Date:** 11-29-06 **Day:** 2a

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 5930' **Csg PBTD:** 5843'WL

Tbg: **Size:** **Wt:** **Grd:** **Pkr/EOT @:** **BP/Sand PBTD:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP1 sds	5472-5476'	4/16			
CP1 sds	5487-5497'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/28/06 **SITP:** **SICP:** 360

day 2a (CP1 sds, stage #1)
RU BJ Services. Open well w/ 360 psi on well. Frac CP 1 sds w/ 60,318#'s of 20/40 sand in 517 bbls of Lightning 17 fluid. Broke @ 1480 psi. Treated w/ ave pressure of 2202 psi @ ave rate of 25.0 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 3010 psi. Leave pressure on well. 517 BWTR. See Day 2b.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 140 **Starting oil rec to date:**

Fluid lost/recovered today: 517 **Oil lost/recovered today:**

Ending fluid to be recovered: 657 **Cum oil recovered:**

IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

STIMULATION DETAIL

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

Company: BJ Services

Procedure or Equipment detail: CP 1 sands

4599 gals of pad

3000 gals W/ 1-5 ppg of 20/40 sand

6000 gals W/ 5-8 ppg of 20/40 sand

2664 gals W/ 8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4964 gals of slick water

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

Max TP: 2525 **Max Rate:** 25.5 bpm **Total fluid pmpd:** 517 bbls

Avg TP: 2202 **Avg Rate:** 25.0 bpm **Total Prop pmpd:** 60,318#

ISIP: 3010 **5 min:** **10 min:** **FG:** .98

Completion Supervisor: Don Dulen

COSTS

BJ Services-CP 1	
NPC frac water	
Weatherford bop	
NPC fuel gas	
Weatherford tools/serv	
NPC Supervisor	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1
3 & 10

DAILY COMPLETION REPORT

WELL NAME: Federal 6-21-9-16 **Report Date:** 11-29-06 **Day:** 2b

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 5930' **Csg PBTD:** 5843'WL

Tbg: **Size:** **Wt:** **Grd:** **Pkr/EOT @:** **BP/Sand PBTD:** 5200'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5098-5106'	4/32			
CP1 sds	5472-5476'	4/16			
CP1 sds	5487-5497'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/28/06 **SITP:** **SICP:** 1685

day 2a (LODC sds, stage #2)
RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 8' perf gun. Se plug @ 5200'. Perforate LODC sds @ 5098-5106' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 32 shots. RU BJ Services. Open well w/ 1685 psi on well. Frac LODC sds w/ 19850#'s of 20/40 sand in 292 bbls o Lightning 17 fluid. Broke @ 3513 psi. Treated w/ ave pressure of 2154 psi @ ave rate of 14.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2720 psi. Leave pressure on well. 292 BWTR. See Day 2c.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 657 **Starting oil rec to date:**

Fluid lost/recovered today: 292 **Oil lost/recovered today:**

Ending fluid to be recovered: 949 **Cum oil recovered:**

IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

STIMULATION DETAIL

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

Company: BJ Services

Procedure or Equipment detail: LODC sds

630 gals to crosslink

2000 gals of pad

1511 gals W/ 1-4 ppg of 20/40 sand

3008 gals W/ 4-6.5 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4590 gals of slick water

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

Max TP: 2290 **Max Rate:** 14.5 bpm **Total fluid pmpd:** 292 bbls

Avg TP: 2154 **Avg Rate:** 14.3 bpm **Total Prop pmpd:** 19,850#

ISIP: 2720 **5 min:** **10 min:** **FG:** .97

Completion Supervisor: Don Dulen

COSTS

BJ Services-LODC	
NPC frac water	
Lone Wolf WL	
NPC fuel gas	
Weatherford tools/serv	
NPC Supervisor	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1
4 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 6-21-9-16 **Report Date:** 11-29-06 **Day:** 2c

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' Prod Csg: 5-1/2" @ 5930' Csg PBTD: 5843'WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5200'

CBP @ 4750'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4588-4596'	8/32			
D2 sds	4635-4651'	16/64			
LODC sds	5098-5106'	4/32			
CP1 sds	5472-5476'	4/16			
CP1 sds	5487-5497'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/28/06 **SITP:** **SICP:** 1630

day 2a (D1 & D2 sds, stage #3)
RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 16' perf gun. Se plug @ 4750'. Perforate D1 & D2 sds @ 4588-4596' & 4635-4651' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 96 shots. RU BJ Services. Open well w/ 1630 psi on well. Frac LODC sds w/ 126,303#'s of 20/40 sand in 857 bbls of Lightning 17 fluid. Broke @ 3688 psi. Treated w/ ave pressure of 1655 psi @ ave rate of 24.8 BPM. ISIP 1880 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 7 hrs & died. Recovered 400 bbls.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	949	Starting oil rec to date:	
Fluid lost/recovered today:	457	Oil lost/recovered today:	
Ending fluid to be recovered:	1406	Cum oil recovered:	

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

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

Company: BJ Services

Procedure or Equipment detail: D1 & D2 sds

9400 gals of pad

6319 gals W/ 1-5 ppg of 20/40 sand

12622 gals W/ 5-8 ppg of 20/40 sand

3159 gals W/ 8 ppg of 20/40 sand

Flush W/ 4494 gals of slick water

Max TP: 1890 Max Rate: 25.2 bpm Total fluid pmpd: 857 bbls

Avg TP: 1655 Avg Rate: 24.8 bpm Total Prop pmpd: 126,303#

ISIP: 1880 5 min: 10 min: FG: .84

Completion Supervisor: Don Dulen

COSTS

BJ Services- D1&D2	
NPC frac water	
Lone Wolf WL	
NPC fuel gas	
Weatherford tools/serv	
NPC Supervisor	
NPC flowback hand	
NPC surface equip.	
Meacham labor/weld	
UniChem chemicals	
Mtn. West Sanitation	
Monk's pit reclaim	
NPC location cleanup	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1

5 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 6-21-9-16 **Report Date:** 12/5/2006 **Day:** 3

Operation: Completion **Rig:** Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 322' Prod Csg: 5-1/2" @ 5930' Csg PBTD: 5843'WL

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 4665' BP/Sand PBTD: 5200'

CBP @ 4750'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4588-4596'	8/32			
D2 sds	4635-4651'	16/64			
LODC sds	5098-5106'	4/32			
CP1 sds	5472-5476'	4/16			
CP1 sds	5487-5497'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/4/06 **SITP:** **SICP:** 0

MIRU Western #2. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 2 7/8" tbg From pipe racks (tallying & drifting tbg.). Tag @ 4688'. RU powerswivel & pump. C/O to 4696'. Pull up to 4665' SWIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	1406	Starting oil rec to date:	
Fluid lost/recovered today:	0	Oil lost/recovered today:	
Ending fluid to be recovered:	1406	Cum oil recovered:	

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Don Dulen

COSTS

Western #2	
Weatherford BOP	
NDSI Trucking	
NPC Trucking	
Zubiate Hot Oil	
B&L new 2 7/8" tbg.	
CDI TAC	
CDI PSN	
CDI rod pump	
NDSI Water & trucks	
NPC Supervision	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1
6 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 6-21-9-16 **Report Date:** 12/6/2006 **Day:** 4

Operation: Completion **Rig:** Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 322' Prod Csg: 5-1/2" @ 5930' Csg PBTD: 5884'

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5829' BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4588-4596'	8/32			
D2 sds	4635-4651'	16/64			
LODC sds	5098-5106'	4/32			
CP1 sds	5472-5476'	4/16			
CP1 sds	5487-5497'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/5/06 **SITP:** **SICP:** 0

Cont. C/O to CBP @ 4750'. DU CBP in 18 min. Cont. RIH w/ tbg. Tag @ 5180'. C/O to CBP @ 5200'. DU CBP ir 34 min. Cont. RIH w/ tbg. Tag @ 5727'. C/O to PBTD @ 5884'. Circulate well clean. Pull up to 5829'. RU swab SFL @ surface. Made 5 runs. Recovered 50 bbls. No oil, small show of sand. FFL @ 700'.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1406 Starting oil rec to date:

Fluid lost/recovered today: 20 Oil lost/recovered today:

Ending fluid to be recovered: 1426 Cum oil recovered:

IFL: surface FFL: 700' FTP: Choke: Final Fluid Rate: Final oil cut: 0

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Don Dulen

COSTS

Western #2	
Weatherford BOP	
Zubiate Hot Oil	
NPC Supervision	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1
7 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 6-21-9-16 **Report Date:** 12/7/2006 **Day:** 5

Operation: Completion **Rig:** Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 322' Prod Csg: 5-1/2" @ 5930' Csg PBTD: 5884'

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5829' BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4588-4596'	8/32			
D2 sds	4635-4651'	16/64			
LODC sds	5098-5106'	4/32			
CP1 sds	5472-5476'	4/16			
CP1 sds	5487-5497'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/6/06 **SITP:** 50 **SICP:** 50

Bleed off well. RIH w/ swab. SFL @ surface. Made 13 runs. Recovered 158 bbls. Trace of oil. No show of sand or gas. EFL @ 1300'. RD swab. RIH w/ tbg. Tag PBTD @ 5884'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 173 jts 2 7/8" tbg. ND BOP. Set TAC @ 5458' w/ 16000# tension. NU wellhead. X-over for rods. RIH w/ CDI 2 1/2" x 1 1/2" x 10' x 14' RHAC pump, 6- 1 1/2" weight bars, 10- 3/4" guided rods, 70- 3/4" slick rods. SWIFN w/ polished rod.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1426 Starting oil rec to date:

Fluid lost/recovered today: 115 Oil lost/recovered today:

Ending fluid to be recovered: 1541 Cum oil recovered:

IFL: surface FFL: 700' FTP: Choke: Final Fluid Rate: Final oil cut: 0

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Don Dulen

COSTS

Western #2	
Weatherford BOP	
Zubiate Hot Oil	
NPC Supervision	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1
8 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 6-21-9-16 **Report Date:** 12/8/2006 **Day:** 6

Operation: Completion **Rig:** Western #2

WELL STATUS

Surf Csg: 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 5930' **Csg PBTD:** 5884'

Tbg: **Size:** 2 7/8" **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 5557' **BP/Sand PBTD:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4588-4596'	8/32			
D2 sds	4635-4651'	16/64			
LODC sds	5098-5106'	4/32			
CP1 sds	5472-5476'	4/16			
CP1 sds	5487-5497'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/7/06 **SITP:** 0 **SICP:** 0

Cont. RIH w/ rods (changed 61 rod boxes). Seat pump. Fill tbg. w/ 1 bbl water. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Put well on production @ 10:00 a.m. 86" stroke length, 5 spm. Final Report.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	1541	**Starting oil rec to date:**	0
Fluid lost/recovered today:	0	**Oil lost/recovered today:**	0
Ending fluid to be recovered:	1541	**Cum oil recovered:**	0

IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

PRODUCTION TBG DETAIL

	KB 12.00'	
173	2 7/8" J-55 tbg	5445.60'
	TA 2.80'	5457.60'
1	2 7/8" J-55 tbg	31.56'
	SN 1.10'	5491.96'
2	2 7/8" J-55 tbg	62.96'
	2 7/8" N.C.	.45
	EOT @ 5556.47'	

ROD DETAIL

- 1 1/2" X 22' polished rod
- 1- 2' x 3/4" pony subs
- 99- 3/4" scrapered rods
- 103- 3/4" plain rods
- 10- 3/4" scrapered rods
- 6- 1 1/2" weight bars
- CDI 2 1/2" x 1 1/2" x 14'
- RHAC pump

COSTS

Western #2	
"B" grade rod string	
Polished rod pkg.	
NPC frac tk(2x8days)	
NPC frac head	
NPC swab tk(6 days)	
Tiger tks (4x8days)	
NPC Supervision	
DAILY COST:	$0
TOTAL WELL COST:	$0

Max TP: **Max Rate:** **Total fluid pmpd:**

Avg TP: **Avg Rate:** **Total Prop pmpd:**

ISIP: **5 min:** **10 min:** **FG:**

Completion Supervisor: Don Dulen

ATTACHMENT G-1 9 of 10

Daily Activity Report

Format For Sundry

FEDERAL 6-21-9-16

9/1/2010 To 1/30/2011

11/11/2010 Day: 1 **Recompletion**

MWS #731 on 11/11/2010 - MIRU MWS #731. TOH W/ rods & pump. NU BOP. Run VES gyro survey. - MIRU MWS rig #731. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumpnig unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. TOH W/ rod string--LD pump. (41 plain rods are worn). ND wellhead & release TA @ 5458'. NU BOP. RU Vaughn Energy Services & run gyro survey f/ WLTD of 5734' to sfc. RD VES & SIFN W/ est 115 BWTR.
Daily Cost: $0
Cumulative Cost: $11,737

11/12/2010 Day: 3 **Recompletion**

MWS #731 on 11/12/2010 - Frac & flow back A3 sands. Release pkr & RBP. LD 75- jts N-80 frac tbg. - Set Pkr w/ CE @ 4950' & EOT @ 4960'. RU BJ services. Frac A3 sands as detailed. Open for immediate flowback @ approx 3 BPM. Well flowed for approx 1 1/2 hours & died. Recovered 140 bbls w/ no show of oil or gas. Fill csg w/ 40 BW & release pkr. Circulate well clean. TIH w/ tbg, clean out sand to RBP. Circulate well clean. Latch onto & release RBP. LD 75- jts N-80 frac tbg. Drain pump & pump lines. SWIFN. 450 BWTR. - RU HO trk & pump 60 BW dn tbg @ 250°F. TOH W/ production tbg--LD BHA. RU Perforators LLC & run 4 3/4" gauge ring and 2-3 1/8" ported guns. Ran gauge to 5500'. Perf A3 sds @ 5008-5012' & 4995-99' W/ 3 JSPF (11g, 0.36 EH, 16.82 pen., 120° phasing). RD WLT. Talley, PU & TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & 2 7/8 8rd 6.5# N-80 tbg. Set plug @ 5047' & pkr @ 4976'. Breakdown perfs @ 1800 psi. Inject 5 BW @ 1400 psi @ 1 BPM. ISIP-1200 psi. SIFN W/ est 180 BWTR. - RU HO trk & pump 60 BW dn tbg @ 250°F. TOH W/ production tbg--LD BHA. RU Perforators LLC & run 4 3/4" gauge ring and 2-3 1/8" ported guns. Ran gauge to 5500'. Perf A3 sds @ 5008-5012' & 4995-99' W/ 3 JSPF (11g, 0.36 EH, 16.82 pen., 120° phasing). RD WLT. Talley, PU & TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & 2 7/8 8rd 6.5# N-80 tbg. Set plug @ 5047' & pkr @ 4976'. Breakdown perfs @ 1800 psi. Inject 5 BW @ 1400 psi @ 1 BPM. ISIP-1200 psi. SIFN W/ est 180 BWTR. - Set Pkr w/ CE @ 4950' & EOT @ 4960'. RU BJ services. Frac A3 sands as detailed. Open for immediate flowback @ approx 3 BPM. Well flowed for approx 1 1/2 hours & died. Recovered 140 bbls w/ no show of oil or gas. Fill csg w/ 40 BW & release pkr. Circulate well clean. TIH w/ tbg, clean out sand to RBP. Circulate well clean. Latch onto & release RBP. LD 75- jts N-80 frac tbg. Drain pump & pump lines. SWIFN. 450 BWTR.
Daily Cost: $0
Cumulative Cost: $59,000

11/16/2010 Day: 4 **Recompletion**

MWS #731 on 11/16/2010 - Continue LD N-80 tbg. TIH testing production tbg. - Open well. LD 21 jts N-80 tbg. Flush tbg w/ 40 bw @ 250°. Continue LD remaining 61 jts tbg, 4' sub, PKR & RBP. MU btm hole assembly. TIH w/ tbg detail @ follows. NC, 2 jts tbg, PSN, 1 jt tbg, TAC, LD & replace jts 155-64. Fill & test tbg to 4000 psi w/ 10 bw. Good test. Continue TIH w/ 66 jts tbg. Fill & test tbg to 3500 psi w/ 10 bw. Good test. Continue TIH w/ 64 jts tbg. SDFN
Daily Cost: $0
Cumulative Cost: $63,611

ATTACHMENT G-1

11/17/2010 Day: 5 **Recompletion**

MWS #731 on 11/17/2010 - Swab well. Land tbg - Open well. RIH w/ sandline. Latch onto & retrieve standing valve. RU swab equipment. RIH w/ swab. IFL @ 2000'. Make 9 swab to recover 140 bw w/ trace of oil & no sand. RD swab. PU 6 jts tbg to tag fill @ 5748'. 136' new fill. LD 6 jts. RD workfloor. ND BOP. Set TAC. MU B-1 adapter flange. Land tbg w/ 18000# tension. X-over to rod equipment. SDFN
Daily Cost: $0
Cumulative Cost: $68,742

11/18/2010 Day: 6 **Recompletion**

MWS #731 on 11/18/2010 - Run rods @ PWOP - Flush tbg w/ 60 BW. PU & prime CDI 2 1/2" X 1 3/4" X 14' X 18' RHAC rod pump. TIH w/ rods as detailed. Rod tongs broke down during TIH, wait for new set. RU pumping unit. Fill tbg w/ 12 BW. Stroke test pump w/ unit to 800 psi. PWOP @ 3:00 PM w/ 86" SL & 4 SPM. 370 BWTR. **Finalized**
Daily Cost: $0
Cumulative Cost: $80,161

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4538'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	153' balance plug using 19 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 45 sx Class "G" cement down 5 ½" casing to 373'

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

ATTACHMENT H-1

Spud Date: 10/22/06
Put on Production: 12/07/06
GL: 6019' KB: 6031'

Federal 6-21-9-16

Initial Production: BOPD, MCFD, BWPD

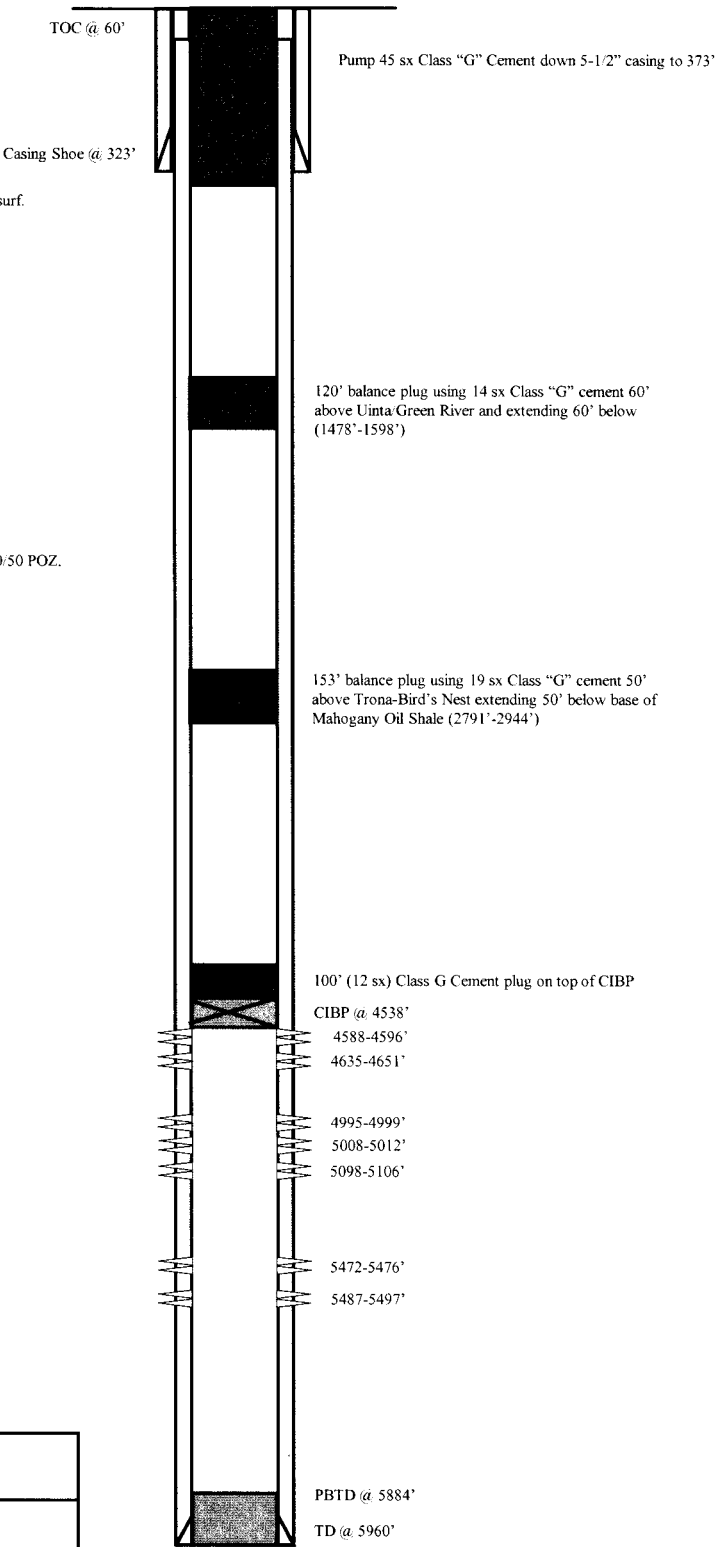
Proposed P & A
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.77')
DEPTH LANDED: 322.62' 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: 134 jts. (5916.95')
DEPTH LANDED: 5930.20' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 60'



NEWFIELD

Federal 6-21-9-16

2159'FNL & 1887' FWL

SE/NW Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33021; Lease #UTU-64379

JL 8/16/2012

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC- 399

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

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

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

Greater Monument Butte Unit:
Federal 10-18-9-16 well located in NW/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-32921
Federal 6-21-9-16 well located in SE/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33021

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 15th day of October 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Brad Hill
Permitting Manager

Newfield Production Company
Federal 10-18-9-16, Federal 6-21-9-16
Cause No. UIC-399

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

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818

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

Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-399

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 10/17/2012 9:41 AM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-399

On 10/15/2012 1:53 PM, Jean Sweet wrote:

> To whom it may concern:
>
> Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.
>
> Please send proof of publication and billing to:
>
> Division of Oil, Gas and Mining
> PO Box 145801
> Salt Lake City, UT 84114-5801
>
> Sincerely,
>
> Jean Sweet, Executive Secretary
> Utah Div. of Oil, Gas & Mining
> 1594 West Temple, Suite 1210
> Salt Lake City, UT
> 801-538-5329
> jsweet@utah.gov

Received. Thanks. It will publish Oct. 23.
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

October 15, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-399

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

From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 10/15/2012 2:08 PM
Subject: Proof for Public Notice
Attachments: OrderConf.pdf

AD# 831104
Run SL Trib & Des News 10/17
Cost $206.60
Thank You

The Salt Lake Tribune WWW.SLTRIB.COM | MEDIAONE OF UTAH A NEWSPAPER AGENCY COMPANY WWW.MEDIAONEUTAH.COM | Deseret News WWW.DESERETNEWS.COM

Remit to: P.O. Box 704005
West Valley City, UT 84170

Order Confirmation for Ad #0000831104-01

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

Total Amount	**$206.60**			
Payment Amt	**$0.00**	**Tear Sheets**	**Proofs**	**Affidavits**
Amount Due	**$206.60**	0	0	1

Payment Method **PO Number** No. UIC-399

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 60 Li	<NONE>

Product	**Placement**	**Position**
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	10/17/2012	
Product	**Placement**	**Position**
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	10/17/2012	
Product	**Placement**	**Position**
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	10/17/2012	
Product	**Placement**	**Position**
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	10/17/2012	

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- 399

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

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

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

Greater Monument Butte Unit:
Federal 10-18-9-16 well located in NW/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-32921
Federal 6-21-9-16 well located in SE/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33021

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 15th day of October 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
831104 **UPAXLP**

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

October 15, 2012

VIA E-MAIL naclegal@mediaoneutah.com

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-399

To whom it may concern:

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

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

The Salt Lake Tribune MEDIAOne Deseret News

PROOF OF PUBLICATION CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	10/17/2012

RECEIVED
OCT 18 2012
DIV OF OIL, GAS & MINING

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000831104 /
SCHEDULE	
Start 10/17/2012	End 10/17/2012
CUST. REF. NO.	
No. UIC-399	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL R	
SIZE	
60 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
	TOTAL COST
	206.60

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-399

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

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Dated this 15th day of October 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ .....

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-399 IN THE MATTER OF THE APPLIC** 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 10/17/2012 End 10/17/2012

SIGNATURE

10/17/2012

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

Virginia Craft

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

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

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

Uintah Basin Standard
www.ubstandard.com

Vernal Express
www.vernal.com

Invoice Number	Invoice Date
36775	10/23/2012

Advertiser No.	Invoice Amount	Due Date
2080	$105.05	11/22/2012

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

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

Amount Enclosed

Please detach top portion and return with your payment

INVOICE

Uintah Basin Standard — **DIVISION OF OIL GAS & MINING** — **Invoice No. 36775** — **10/23/2012**

Date	Order	Description		Ad Size	SubTotal	Sales Tax	Amount
10/23/2012	18491 UBS	UBS Legal Notice: Notice of Agency Action: Newfield , UIC-399 Pub. Oct. 23, 2012					$105.05
						Sub Total:	$105.05
				Total Transactions: 1		Total:	$105.05

SUMMARY **Advertiser No.** 2080 **Invoice No.** 36775

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

Thank You for your business!

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

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 23 day of October, 20 12, and that the last publication of such notice was in the issue of such newspaper dated the 23 day of October, 20 12, 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

24 day of October, 20 12

by Kevin Ashby.

Bonnie Parrish
Notary Public

Notary Public
BONNIE PARRISH
Commission #653427
My Commission Expires
February 23, 2016
State of Utah

NOTICE OF AGENCY ACTION CAUSE NO. UIC- 399

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

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

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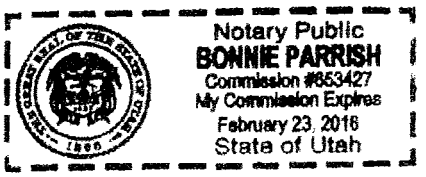
The proceeding will be conducted in accordance with Utah Admin. R649-10. Ad-

Continued from previous page

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
Published in the Uintah Basin Standard October 23, 2012.

Notary Public



wells located in Duchesne County, Utah, for conversion to Class II injection wells:

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Dated this 15th day of October 2012.

Continued on next page

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

Applicant: Newfield Production Company **Well:** Federal 6-21-9-16

Location: 21/9S/16E **API:** 43-013-33021

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 and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,930 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,170 feet. A 2 7/8 inch tubing with a packer will be set at 4,538 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 11 producing wells and 1 temporarily abandoned well in the AOR. In addition, there are 2 approved surface locations outside the AOR from which horizontal wells will be drilled to bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2700 feet. Injection shall be limited to the interval between 3,898 feet and 5,884 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 6-21-9-16 well is 0.84 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,850 psig. The requested maximum pressure is 1,850 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: 10/25/2012

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

November 26, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 6-21-9-16, Section 21, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33021

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.

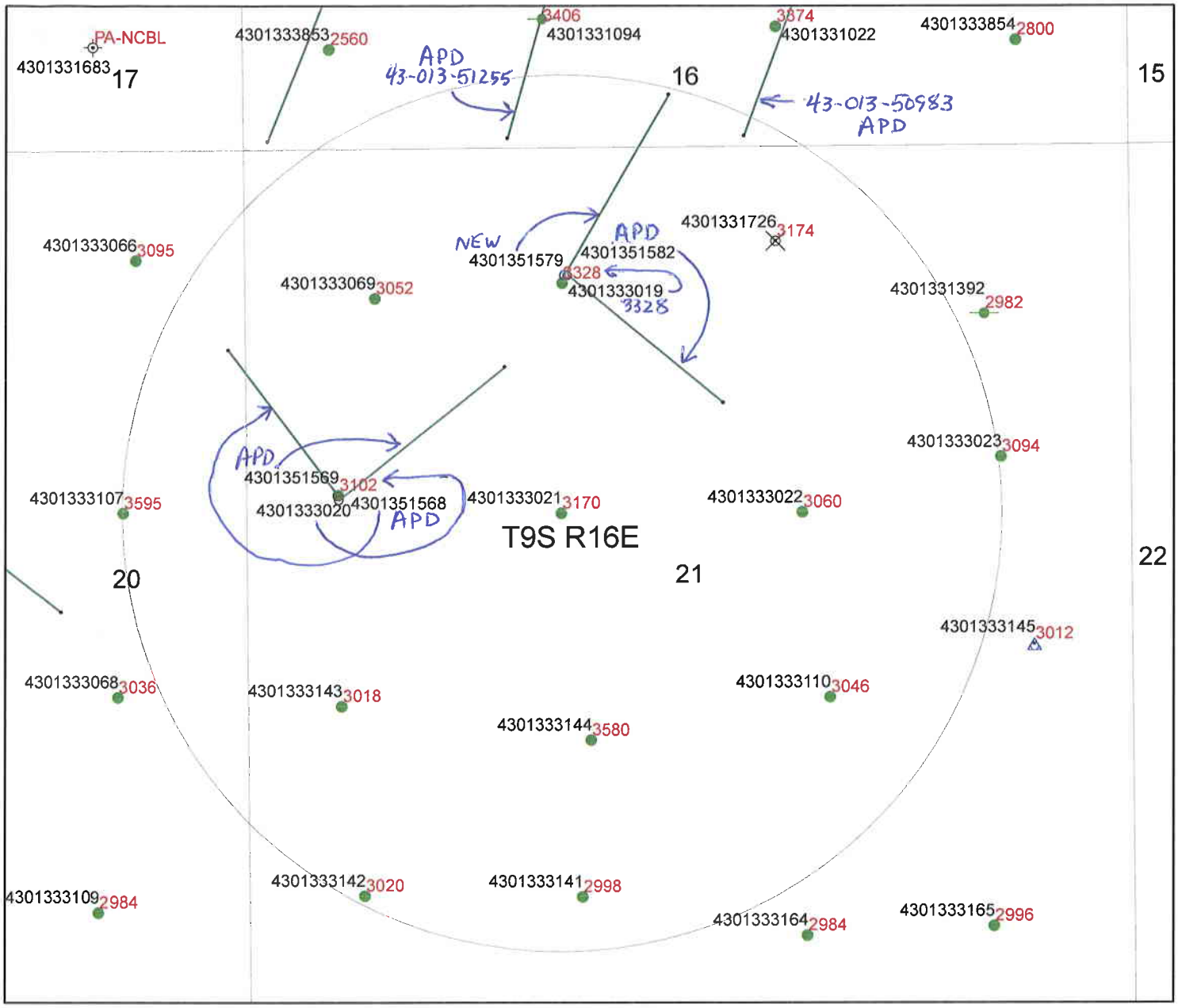
5. The top of the injection interval shall be limited to a depth no higher than 3,898 feet in the Federal 6-21-9-16 well.

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
SITLA
Duchesne County
Newfield Production Company, Myton
Well File
N:\O&G Reviewed Docs\ChronFile\UIC



Cement Bond Tops
FEDERAL 6-21-9-16
API #43-013-33021
UIC 399.2

Legend

- Buffer_of_SGID93_ENERGY_DNROilGasWells_172
- SGID93.ENERGY.DNROilGasWells

SGID93.ENERGY.DNROilGasWells

GIS_STAT_TYPE

- APD
- DRL
- GIW
- GSW
- LA
- LOC (NEW)
- OPS
- PA
- PGW
- POW
- RET
- SGW
- SOW
- TA
- TW
- WDW
- WIW
- WSW
- SGID93.BOUNDARIES.Counties
- SGID93.ENERGY.DNROilGasWells_HDBottom
- SGID93.ENERGY.DNROilGasWells_HDPath
- Wells-CbltopsMaster10_24_12

0 0.05 0.1 0.2 0.3 0.4 Miles

N

1870calc = approx cement top calculated from well completion report

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
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 6-21-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330210000
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: 2159 FNL 1887 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 21 Township: 09.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 7/30/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ 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
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The subject well has been converted from a producing oil well to an injection well on 07/24/2013. On 07/25/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/30/2013 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was a State representative available to witness the test - Chris Jensen.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
August 01, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		DATE 8/1/2013

Mechanical Integrity Test
Casing or Annulus Pressure Test

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

Witness: [signature] **Date** 7/30/13 **Time** 10:00 (am) pm
Test Conducted by: Jonny Daniels
Others Present: Riley Byrd

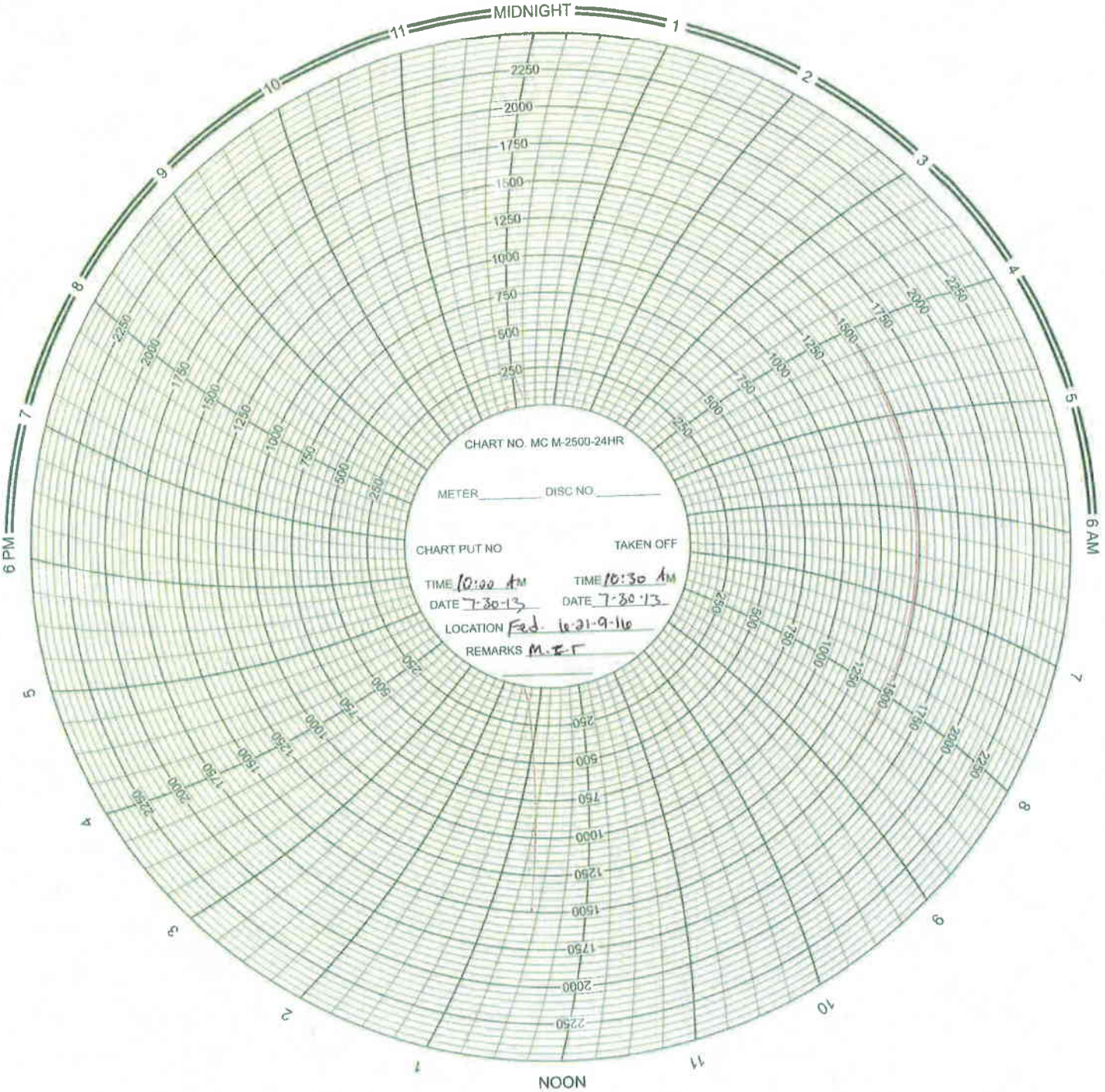
Well: ~~State~~ Fed 6-21-9-16 **Field:** Monument Butte - Duchesne, County Utah
Well Location: Fed 6-21-9-16 **API No:** 4301333021

Time	Casing Pressure	
0 min	1500	psig
5	1500	psig
10	1500	psig
15	1500	psig
20	1500	psig
25	1500	psig
30 min	1500	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 650 psig

Result: (Pass) Fail

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


MIDNIGHT
NOON
6 PM
6 AM
CHART NO. MC M-2500-24HR
METER_____ DISC NO._____
CHART PUT NO
TAKEN OFF
TIME 10:00 AM
TIME 10:30 AM
DATE 7-30-13
DATE 7-30-13
LOCATION Fed. 16-21-9-16
REMARKS M.I.T

Daily Activity Report

Format For Sundry

FEDERAL 6-21-9-16

5/1/2013 To 9/30/2013

7/22/2013 Day: 1 **Conversion**

Nabors #1108 on 7/22/2013 - unhang rods and horse head, pump 40 bbls down csg using hot oiler. Unseat pump and flush rods with 30 bbls using hot oiler. - unhang rods and horse head, pump 40 bbls down csg using hot oiler. Unseat pump and flush rods with 30 bbls using hot oiler. Soft seat and pressure test tbg to 3000psi, good test. RU rod tool and handling equepment.spot in rod trailer and prep to LD rods. POOH with rods laying down on trailer, had to flush rods with 40 bbls water half way out.RD flow line ND WH release TAC, NU bop, RU rig floor. POOH with 20 jts TBG Breaking every connection inspecting threads and cleaning apply liquid O ring and retorquing to spec. tally out . SWIFN clean location. - unhang rods and horse head, pump 40 bbls down csg using hot oiler. Unseat pump and flush rods with 30 bbls using hot oiler. Soft seat and pressure test tbg to 3000psi, good test. RU rod tool and handling equepment.spot in rod trailer and prep to LD rods. POOH with rods laying down on trailer, had to flush rods with 40 bbls water half way out.RD flow line ND WH release TAC, NU bop, RU rig floor. POOH with 20 jts TBG Breaking every connection inspecting threads and cleaning apply liquid O ring and retorquing to spec. tally out . SWIFN clean location. - unhang rods and horse head, pump 40 bbls down csg using hot oiler. Unseat pump and flush rods with 30 bbls using hot oiler. Soft seat and pressure test tbg to 3000psi, good test. RU rod tool and handling equepment.spot in rod trailer and prep to LD rods. POOH with rods laying down on trailer, had to flush rods with 40 bbls water half way out.RD flow line ND WH release TAC, NU bop, RU rig floor. POOH with 20 jts TBG Breaking every connection inspecting threads and cleaning apply liquid O ring and retorquing to spec. tally out . SWIFN clean location.
Daily Cost: $0
Cumulative Cost: $17,072

7/23/2013 Day: 2 **Conversion**

Nabors #1108 on 7/23/2013 - CHECK PRESSURES, TBG 20 PSI,AND CSG 140 PSI, BD WELL AND OPEN BOPE. POOH WITH TBG BREAKING EVERY CONNECTION AND CLEANING THREADS INSPECTING THREADS FOR DAMAGE AND APPLYING LIQUID O RING, RE TORQUE TO SPEC. TALLY OUT. - CHECK PRESSURES, TBG 20 PSI,AND CSG 140 PSI, BD WELL AND OPEN BOPE. POOH WITH TBG BREAKING EVERY CONNECTION AND CLEANING THREADS INSPECTING THREADS FOR DAMAGE AND APPLYING LIQUID O RING, RE TORQUE TO SPEC. TALLY OUT.SWI AND SDF UPSHAW RIG INSPECTION.FINISH POOH WITH TBG BREAKING EVERY CONNECTION AND CLEANING THREADS INSPECTING THREADS FOR DAMAGE AND APPLYING LIQUID O RING, RE TORQUE TO SPEC. TALLY OUT. LD 32 JNTS AND PRODUCTION BHA FROM BOTTOM OF STRING ON TBG TRAILER.PU/MU PACKER AND BHA.TIH WITH TBG AND PACKER, TBG DETAIL AS FOLLOWS:COLLAR, 2 3/8 XN, 2 3/8 X 4' TBG SUB, 2 3/8 X 2 7/8 XO, 5.5 X 2 7/8 PACKER, 2 7/8 ON/OFF TOOL, 2 7/8 PSN, 144 JNTS TBG .SWIFN, CLEAN LOCATION, SDFN. - CHECK PRESSURES, TBG 20 PSI,AND CSG 140 PSI, BD WELL AND OPEN BOPE. POOH WITH TBG BREAKING EVERY CONNECTION AND CLEANING THREADS INSPECTING THREADS FOR DAMAGE AND APPLYING LIQUID O RING, RE TORQUE TO SPEC. TALLY OUT.SWI AND SDF UPSHAW RIG INSPECTION.FINISH POOH WITH TBG BREAKING EVERY CONNECTION AND CLEANING THREADS INSPECTING THREADS FOR DAMAGE AND APPLYING LIQUID O RING, RE TORQUE TO SPEC. TALLY OUT. LD 32 JNTS AND PRODUCTION BHA FROM BOTTOM OF STRING ON TBG TRAILER.PU/MU PACKER AND BHA.TIH WITH TBG AND PACKER, TBG DETAIL AS FOLLOWS:COLLAR, 2 3/8 XN, 2 3/8 X 4' TBG SUB, 2 3/8 X 2 7/8 XO, 5.5 X 2 7/8 PACKER, 2 7/8 ON/OFF TOOL, 2 7/8 PSN, 144 JNTS TBG .SWIFN, CLEAN LOCATION, SDFN. - CHECK PRESSURES, TBG 20 PSI,AND CSG 140 PSI, BD WELL AND OPEN BOPE. POOH WITH TBG

BREAKING EVERY CONNECTION AND CLEANING THREADS INSPECTING THREADS FOR DAMAGE AND APPLYING LIQUID O RING, RE TORQUE TO SPEC. TALLY OUT.SWI AND SDF UPSHAW RIG INSPECTION.FINISH POOH WITH TBG BREAKING EVERY CONNECTION AND CLEANING THREADS INSPECTING THREADS FOR DAMAGE AND APPLYING LIQUID O RING, RE TORQUE TO SPEC. TALLY OUT. LD 32 JNTS AND PRODUCTION BHA FROM BOTTOM OF STRING ON TBG TRAILER.PU/MU PACKER AND BHA.TIH WITH TBG AND PACKER, TBG DETAIL AS FOLLOWS:COLLAR, 2 3/8 XN, 2 3/8 X 4' TBG SUB, 2 3/8 X 2 7/8 XO, 5.5 X 2 7/8 PACKER, 2 7/8 ON/OFF TOOL, 2 7/8 PSN, 144 JNTS TBG .SWIFN, CLEAN LOCATION, SDFN. **Finalized**
Daily Cost: $0
Cumulative Cost: $25,174

7/24/2013 Day: 3 **Conversion**

Nabors #1108 on 7/24/2013 - pump 10 bbls pad and drop Sv Down TBG pump to psn, PT tbg, bad test, retest, bleed off and bump up but still continued to get bad test results. - pump 10 bbls pad and drop Sv Down TBG pump to psn, PT tbg, bad test, retest, bleed off and bump up but still continued to get bad test results. Ru sand line with fishing tools and Tih to catch Sv POOH with sandline and Sv. Pump 20 bbls water pad and drop SV PT tbg again to 3000, bad test results. TIH with sand line and fishing tools to catch Sv. POOH with sandline ans SV. Pump 20BBLS fresh down water pad and drop Sv PT tbg to 3000 again and SIWFN. Clean location. - - - pump 10 bbls pad and drop Sv Down TBG pump to psn, PT tbg, bad test, retest, bleed off and bump up but still continued to get bad test results. Ru sand line with fishing tools and Tih to catch Sv POOH with sandline and Sv. Pump 20 bbls water pad and drop SV PT tbg again to 3000, bad test results. TIH with sand line and fishing tools to catch Sv. POOH with sandline ans SV. Pump 20BBLS fresh down water pad and drop Sv PT tbg to 3000 again and SIWFN. Clean location. - - pump 10 bbls pad and drop Sv Down TBG pump to psn, PT tbg, bad test, retest, bleed off and bump up but still continued to get bad test results. Ru sand line with fishing tools and Tih to catch Sv POOH with sandline and Sv. Pump 20 bbls water pad and drop SV PT tbg again to 3000, bad test results. TIH with sand line and fishing tools to catch Sv. POOH with sandline ans SV. Pump 20BBLS fresh down water pad and drop Sv PT tbg to 3000 again and SIWFN. Clean location. **Finalized**
Daily Cost: $0
Cumulative Cost: $32,549

7/25/2013 Day: 4 **Conversion**

Nabors #1108 on 7/25/2013 - TIH WITH SANDLINE AND FISHING TOOLS TO CATCH S.V. POOH WITH SANDLINE AND S.V. RD SANDLINE. - FINISH PT TBG TO 3000 PSI USING HOT OILER. GOOD TEST.TIH WITH SANDLINE AND FISHING TOOLS TO CATCH S.V. POOH WITH SANDLINE AND S.V. RD SANDLINE. RD WORK FLOOR, ND BOP, NU INJECTION TREE. RU HOT OILER.PUMP 50 BBLS PACKER FLUID DOWN CSG.ND WH, SET PACKER, LAND TBG IN 15K TENSION, NU WH/ INJECTION TREE.LOAD CSG WITH 13 BBLS WATER, PT CSG TO 1400 PSI FOR 30 MIN, HAD TO BUMP UP AND BLEED OFF 3 TIMES, GOOD TEST. SWI.RACK OUT TOOLS AND WINCH TRUCK, RD RIG, ROAD RIG TO 9 -26 -4-3W. . - FINISH PT TBG TO 3000 PSI USING HOT OILER. GOOD TEST.TIH WITH SANDLINE AND FISHING TOOLS TO CATCH S.V. POOH WITH SANDLINE AND S.V. RD SANDLINE. RD WORK FLOOR, ND BOP, NU INJECTION TREE. RU HOT OILER.PUMP 50 BBLS PACKER FLUID DOWN CSG.ND WH, SET PACKER, LAND TBG IN 15K TENSION, NU WH/ INJECTION TREE.LOAD CSG WITH 13 BBLS WATER, PT CSG TO 1400 PSI FOR 30 MIN, HAD TO BUMP UP AND BLEED OFF 3 TIMES, GOOD TEST. SWI.RACK OUT TOOLS AND WINCH TRUCK, RD RIG, ROAD RIG TO 9 -26 -4-3W. . - FINISH PT TBG TO 3000 PSI USING HOT OILER. GOOD TEST.TIH WITH SANDLINE AND FISHING TOOLS TO CATCH S.V. POOH WITH SANDLINE AND S.V. RD SANDLINE. RD WORK FLOOR, ND BOP, NU INJECTION TREE. RU HOT OILER.PUMP 50 BBLS PACKER FLUID DOWN CSG.ND WH, SET PACKER, LAND TBG IN 15K TENSION, NU WH/ INJECTION TREE.LOAD CSG WITH 13 BBLS

WATER, PT CSG TO 1400 PSI FOR 30 MIN, HAD TO BUMP UP AND BLEED OFF 3 TIMES, GOOD TEST. SWI.RACK OUT TOOLS AND WINCH TRUCK, RD RIG, ROAD RIG TO 9 -26 -4-3W. .
Daily Cost: $0
Cumulative Cost: $32,549

7/31/2013 Day: 5 **Conversion**

Rigless on 7/31/2013 - Conduct initial MIT - On 07/25/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On07/30/2013 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 07/25/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On07/30/2013 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 07/25/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On07/30/2013 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**
Daily Cost: $0
Cumulative Cost: $64,761

Pertinent Files: Go to File List

Federal 6-21-9-16

Spud Date: 10/22/06
Put on Production: 12/07/06
GL: 6019' KB 6031'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8
GRADE J-55
WEIGHT 24#
LENGTH 7 jts (310.77')
DEPTH LANDED 322.62' KB
HOLE SIZE 12-1/4"
CEMENT DATA 160 sxs Class "G" cmt, est 5 bbls cmt to surf

TOC @ 60'
Casing Shoe @ 323'

PRODUCTION CASING

CSG SIZE 5-1/2"
GRADE J-55
WEIGHT 15.5#
LENGTH 134 jts (5916.95')
DEPTH LANDED 5930.20' KB
HOLE SIZE 7-7/8"
CEMENT DATA 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ
CEMENT TOP 60'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#
NO OF JOINTS 144 jts (4500.5')
STRETCH (1.2)
NO OF JOINTS 1 jts (31.4')
SEATING NIPPLE 2-7/8" (1.10')
SN LANDED AT 4511.9' KB
ON/OFF TOOL AT 4517.8'
ARROW #1 PACKER CE AT 4524'
XO 2-3/8 x 2-7/8 J-55 AT 4527.7'
TBG PUP 2-3/8 J-55 AT 4528.2'
X/N NIPPLE AT 4532.3'
TOTAL STRING LENGTH EOT @ 4533.9'

SN @ 4515'
On Off Tool @ 4518
Packer @ 4524'
X/N Nipple @ 4532'
EOT @ 4534'

4588-4596'
4635-4651'
4995-4999'
5008-5012'
5098-5106'
5472-5476'
5487-5497'

PBTD @ 5884'
TD @ 5960'

FRAC JOB

11/28/06	5497-5472'	**Frac CP1 sands as follows:** 60318# 20/40 sand in 517 bbls Lightning 17 frac fluid Treated @ avg press of 2202 psi w/avg rate of 25.0 BPM ISIP 3010 psi. Calc flush: 5495 gal. Actual flush: 4964 gal.
11/28/06	5098-5106'	**Frac LODC sands as follows:** 19850# 20/40 sand in 292 bbls Lightning 17 frac fluid. Treated @ avg press of 2154 psi w/avg rate of 14.3 BPM. ISIP 2720 psi Calc flush: 5096 gal Actual flush: 4590 gal
11/28/06	4651-4588'	**Frac D1 & D2 sands as follows:** 126303# 20/40 sand in 857 bbls Lightning 17 frac fluid. Treated @ avg press of 1655 psi w/avg rate of 24.8 BPM ISIP 1880 psi. Calc flush: 4649 gal. Actual flush: 4494 gal.
03/15/07		**Pump Change.** Update rod and tubing details.
11/11/10	4995-5012'	**Frac A3 sands as follows:** 32618# 20/40 sand in 283 bbls Lighting 17 fluid
11/17/10		**Re-Completion** finalized – updated tbg and rod details
4/7/2011		**Pump Change.** Rod & tubing detail updated.
07/24/13		**Convert to Injection Well**
07/30/13		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

11/28/06	5487-5497'	4 JSPF	40 holes
11/28/06	5472-5476'	4 JSPF	16 holes
11/28/06	5098-5106'	4 JSPF	32 holes
11/28/06	4635-4651'	4 JSPF	64 holes
11/28/06	4588-4596'	4 JSPF	32 holes
11/11/10	5008-5012'	4 JSPF	12 holes
11/11/10	4995-4999'	3 JSPF	12 holes

NEWFIELD

Federal 6-21-9-16
2159'FNL & 1887' FWL
SE/NW Section 21-T9S-R16E
Duchesne Co, Utah
API #43-013-33021; Lease #UTU-64379

LLS 07/31/13

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-399

Operator: Newfield Production Company

Well: Federal 6-21-9-16

Location: Section 21, Township 9 South, Range 16 East

County: Duchesne

API No.: 43-013-33021

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on November 26, 2012.
2. Maximum Allowable Injection Pressure: 1,850 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,898' – 5,884')
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: _____ 9/4/2013
John Rogers
Associate Director
Date

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

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UTAH DNR
OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL Water Injection Well	**5.LEASE DESIGNATION AND SERIAL NUMBER:** UTU-64379
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
	8. WELL NAME and NUMBER: FEDERAL 6-21-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	**9. API NUMBER:** 43013330210000
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:** 2159 FNL 1887 FWL **QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SENW Section: 21 Township: 09.0S Range: 16.0E Meridian: S	**COUNTY:** DUCHESNE **STATE:** UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 9/5/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ 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
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The above reference well was put on injection at 12:20 PM on 09/05/2013.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
September 09, 2013

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	**PHONE NUMBER** 435 646-4874	**TITLE** Water Services Technician
SIGNATURE N/A		**DATE** 9/6/2013