

**NEWFIELD**



October 7, 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: West Point Federal 7-18-9-16, Federal 9-18-9-16, 10-18-9-16, and 16-18-9-16. ✓

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 16-18-9-16 location is also 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**  
**OCT 11 2005**  
**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.  
UTU-74390

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

7. If Unit or CA Agreement, Name and No.  
West Point

8. Lease Name and Well No.  
West Point Federal 7-18-9-16

9. API Well No.  
43-013-32919

10. Field and Pool, or Exploratory  
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area  
SW/NE Sec. 18, T9S R16E

12. County or Parish  
Duchesne

13. State  
UT

1a. Type of Work:  DRILL  REENTER

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

2. Name of Operator  
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface SW/NE 1962' FNL 1941' FEL 571764X 40.032827  
At proposed prod. zone 44315294 - 110.158894

14. Distance in miles and direction from nearest town or post office\*  
Approximatley 12.9 miles southwest of Myton, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 678' f/lse, 678' f/unit  
16. No. of Acres in lease  
2037.19

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. 1365'  
19. Proposed Depth  
5970'

20. BLM/BIA Bond No. on file  
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5902' GL

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

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

24. Attachments

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

- 1. Well plat certified by a registered surveyor.
- 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 10/7/05  
Title Regulatory Specialist

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 10-18-05  
Title ENVIRONMENTAL SCIENTIST III

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

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

\*(Instructions on reverse)

RECEIVED  
OCT 11 2005

Federal Approval of this  
Action is Necessary

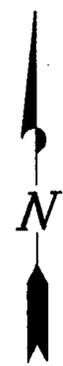
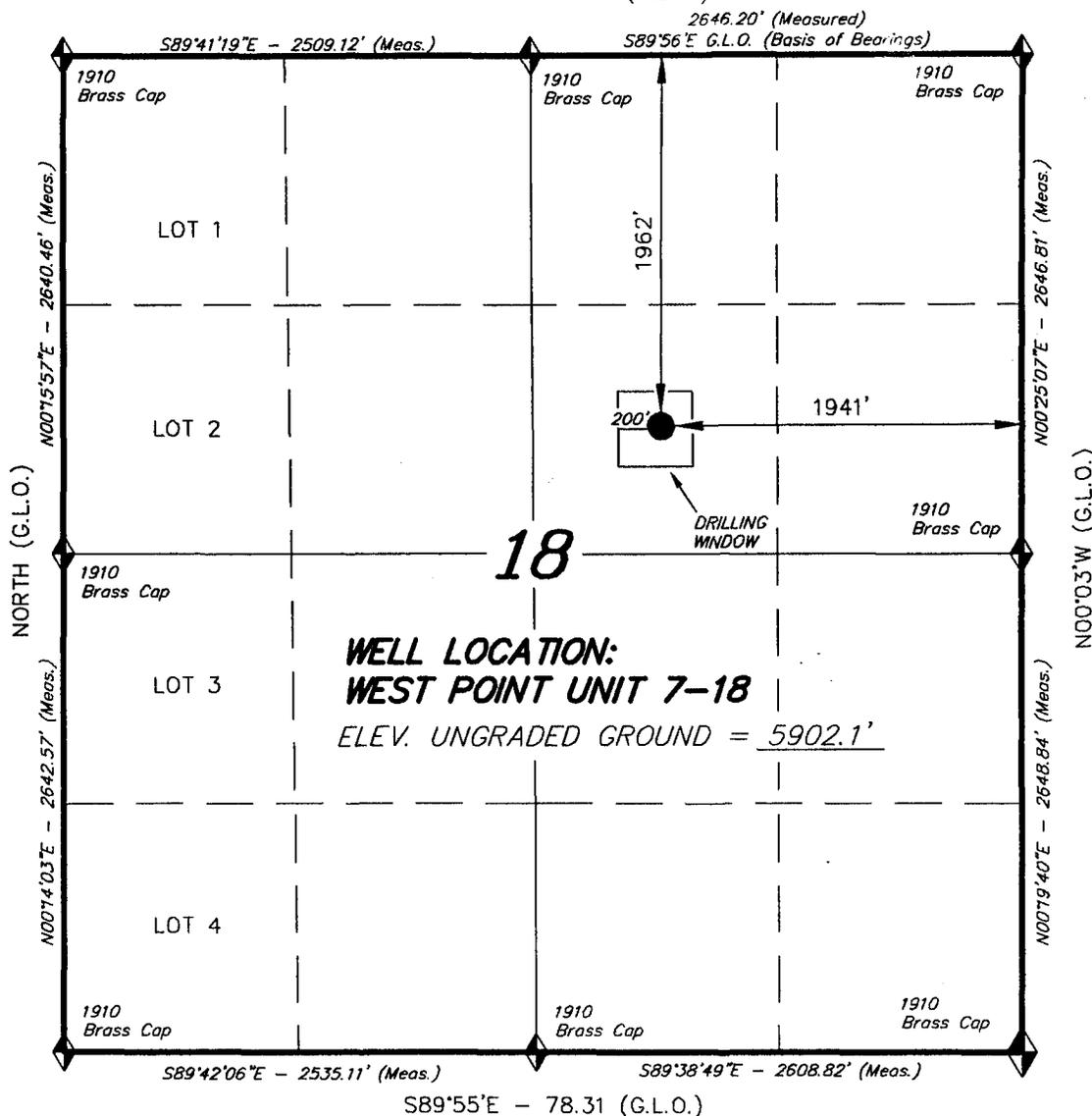
DIV. OF OIL, GAS & MINING

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

S89°56'E - 78.00 (G.L.O.)

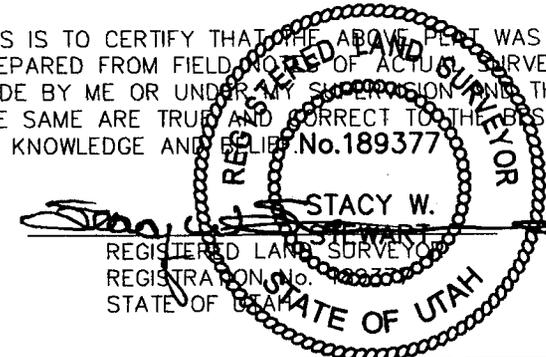
## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, WEST POINT UNIT 7-18,  
LOCATED AS SHOWN IN THE SW 1/4 NE  
1/4 OF SECTION 18, T9S, R16E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



**WELL LOCATION:  
WEST POINT UNIT 7-18**  
ELEV. UNGRADED GROUND = 5902.1'

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



= SECTION CORNERS LOCATED

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

### TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000'

SURVEYED BY: D.P.

DATE: 8-31-05

DRAWN BY: F.T.M.

NOTES:

FILE #

NEWFIELD PRODUCTION COMPANY  
WEST POINT FEDERAL #7-18-9-16  
SW/NE SECTION 18, 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' – 2390'
Green River	2390'
Wasatch	5970'

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

Green River Formation 2390' – 5970' - 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  
WEST POINT FEDERAL #7-18-9-16  
SW/NE SECTION 18, 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 West Point Federal #7-18-9-16 located in the SW 1/4 NE 1/4 Section 18, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly - 1.8 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 9.5 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed southeasterly along the proposed access road - 180'  $\pm$  to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surfaces 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 #04-328, 1/19/05. Paleontological Resource Survey prepared by, Wade E. Miller, 5/11/05. See attached report cover pages, Exhibit "D".

For the West Point Federal #7-18-9-16 Newfield Production Company requests 180' of disturbed area be granted in Lease UTU-74390 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 180' of disturbed area be granted in Lease UTU-74390 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 180' of disturbed area be granted in Lease UTU-74390 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

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

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

**Threatened, Endangered, And Other Sensitive Species**

**Golden Eagle and Prairie Falcon:** Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15<sup>th</sup> (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active

prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**Sage Grouse:** If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**Reserve Pit Liner**

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

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre
Winter Fat	<i>Ceratooides Lanata</i>	3 lbs/acre
Wyoming Big Sage		1 lbs/acre

**Details of the On-Site Inspection**

The proposed West Point Federal #7-18-9-16 was on-sited on 7/12/05. 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 #7-18-9-16 SW/NE Section 18, Township 9S, Range 16E: Lease UTU-74390 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.

10/17/05

Date

*Mandie Crozier*

Mandie Crozier

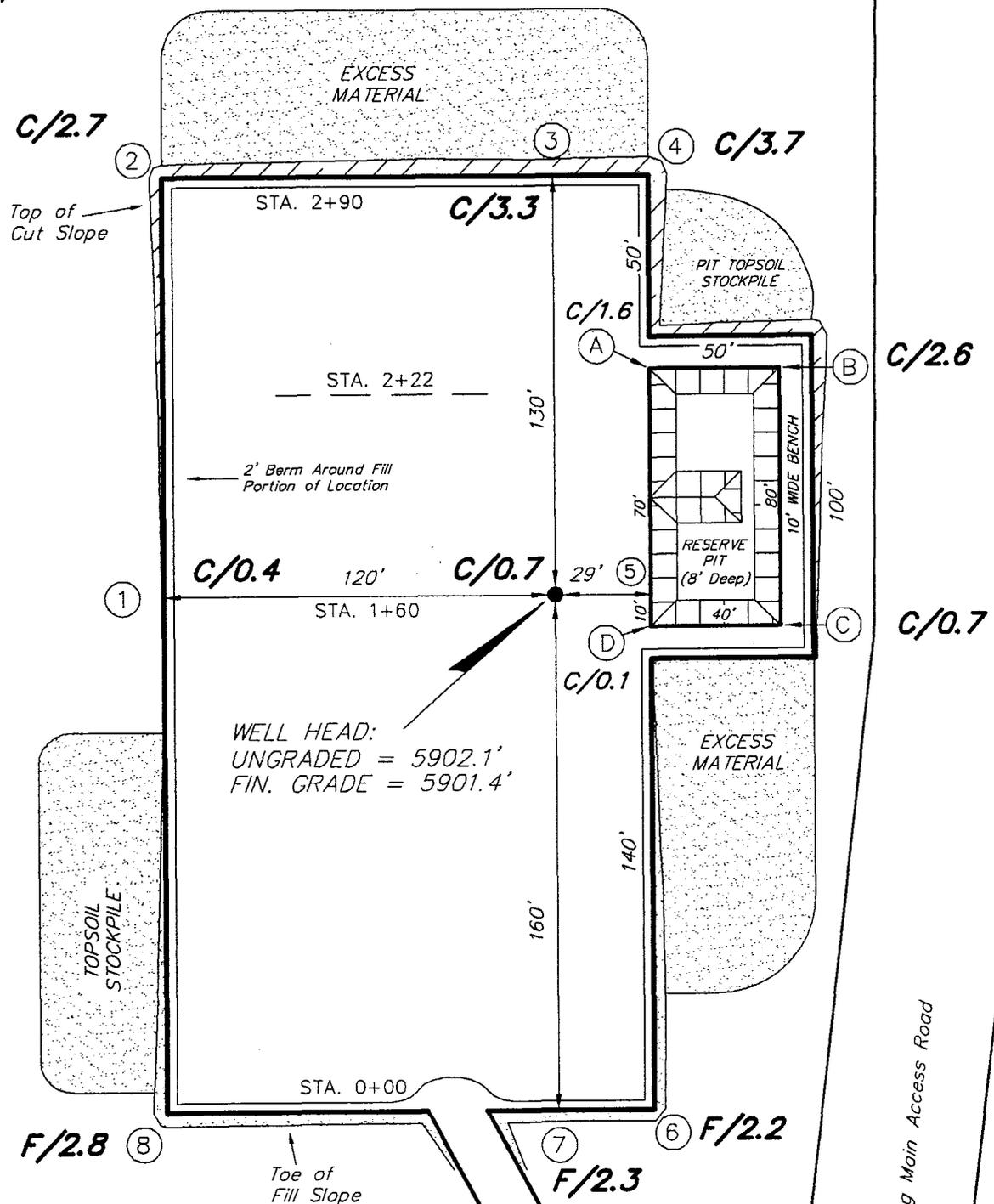
Regulatory Specialist

Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

## WEST POINT UNIT 7-18

Section 18, T9S, R16E, S.L.B.&M.



### REFERENCE POINTS

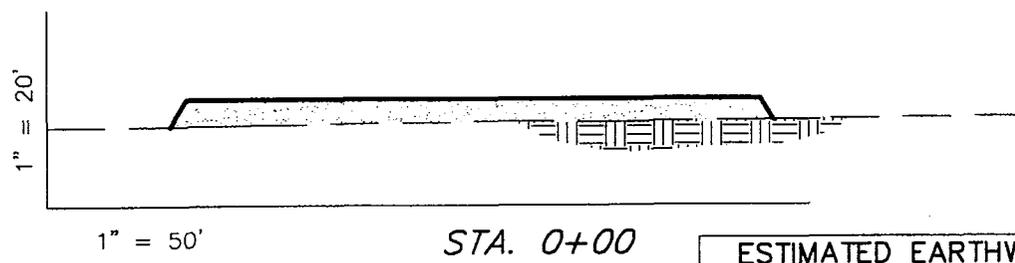
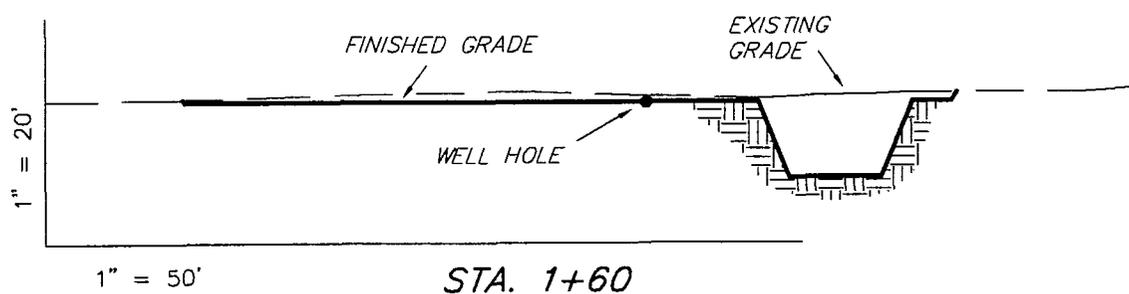
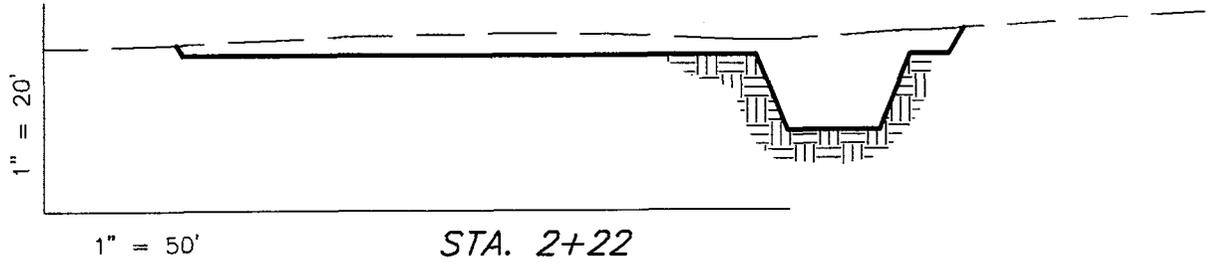
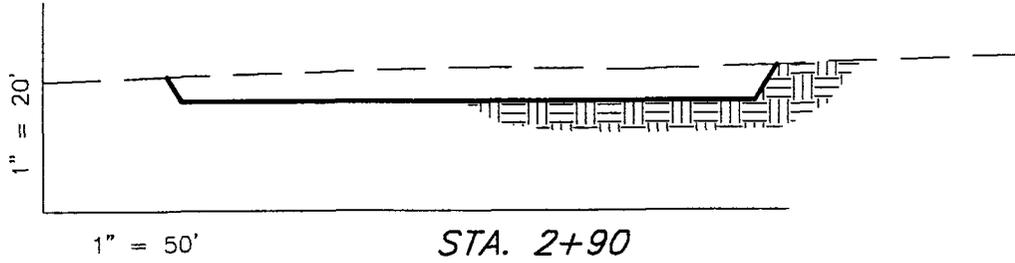
- 180' SOUTHEAST = 5906.1'
- 230' SOUTHEAST = 5907.2'
- 170' NORTHEAST = 5901.5'
- 220' NORTHEAST = 5899.8'

PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 8-29-05

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

**NEWFIELD PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**WEST POINT UNIT 7-18**



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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,300	1,300	Topsoil is not included in Pad Cut	0
PIT	640	0		640
<b>TOTALS</b>	<b>1,940</b>	<b>1,300</b>	<b>950</b>	<b>640</b>

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

SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 8-29-05

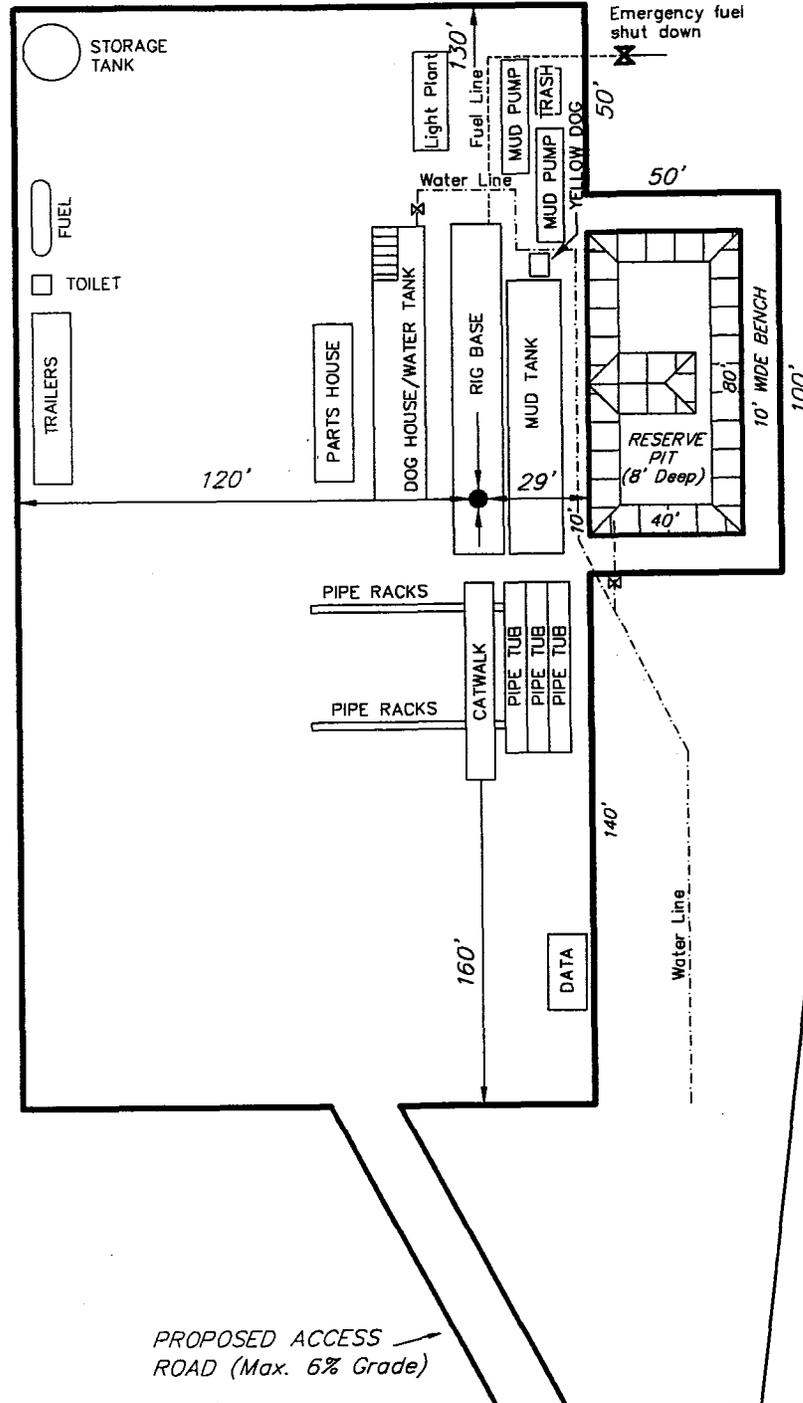
(435) 781-2501

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

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### WEST POINT UNIT 7-18



SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

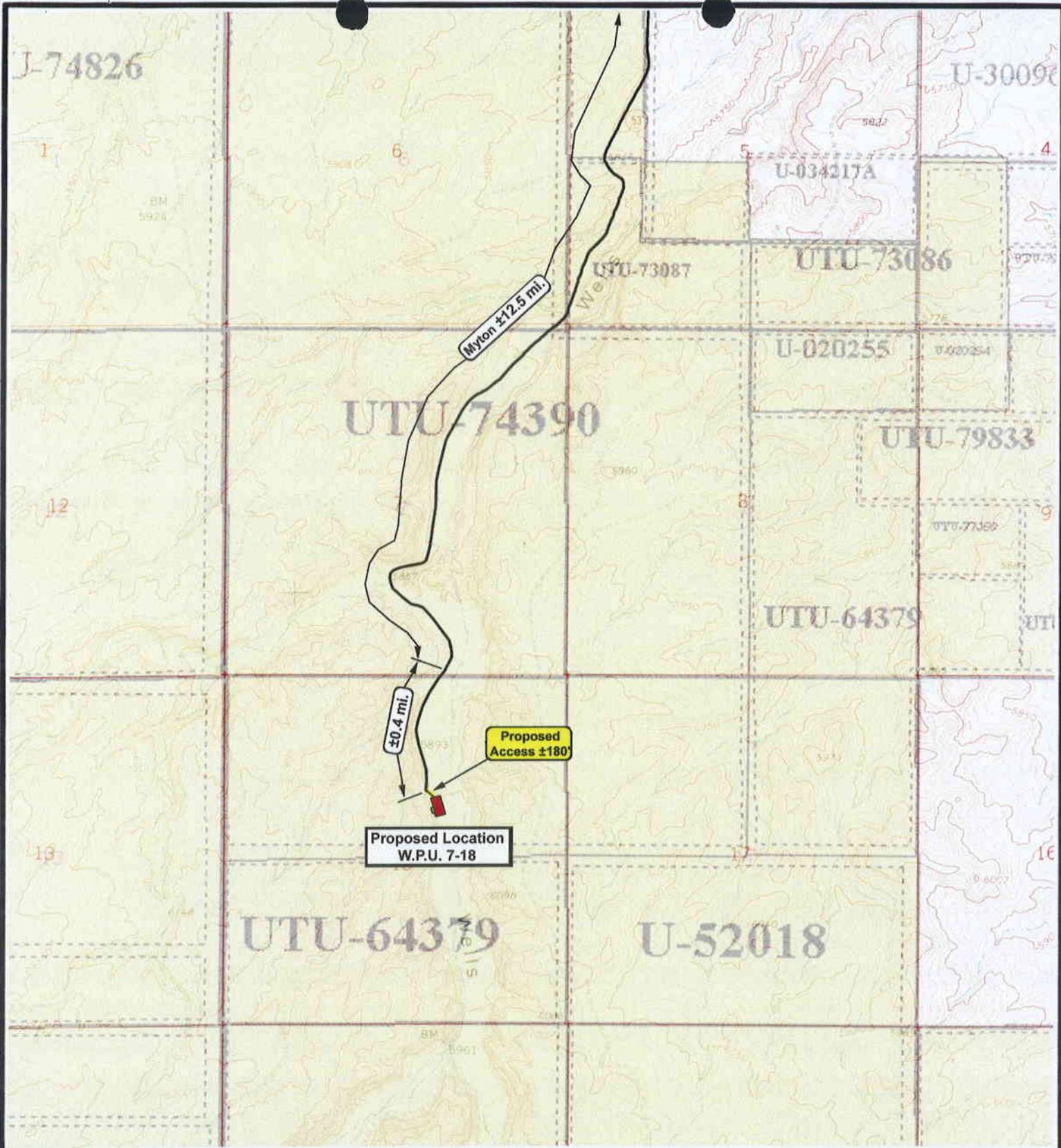
DATE: 8-29-05

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078





**NEWFIELD**  
Exploration Company

**West Point Unit 7-18-9-16**  
**SEC. 18, T9S, R16E, S.L.B.&M.**



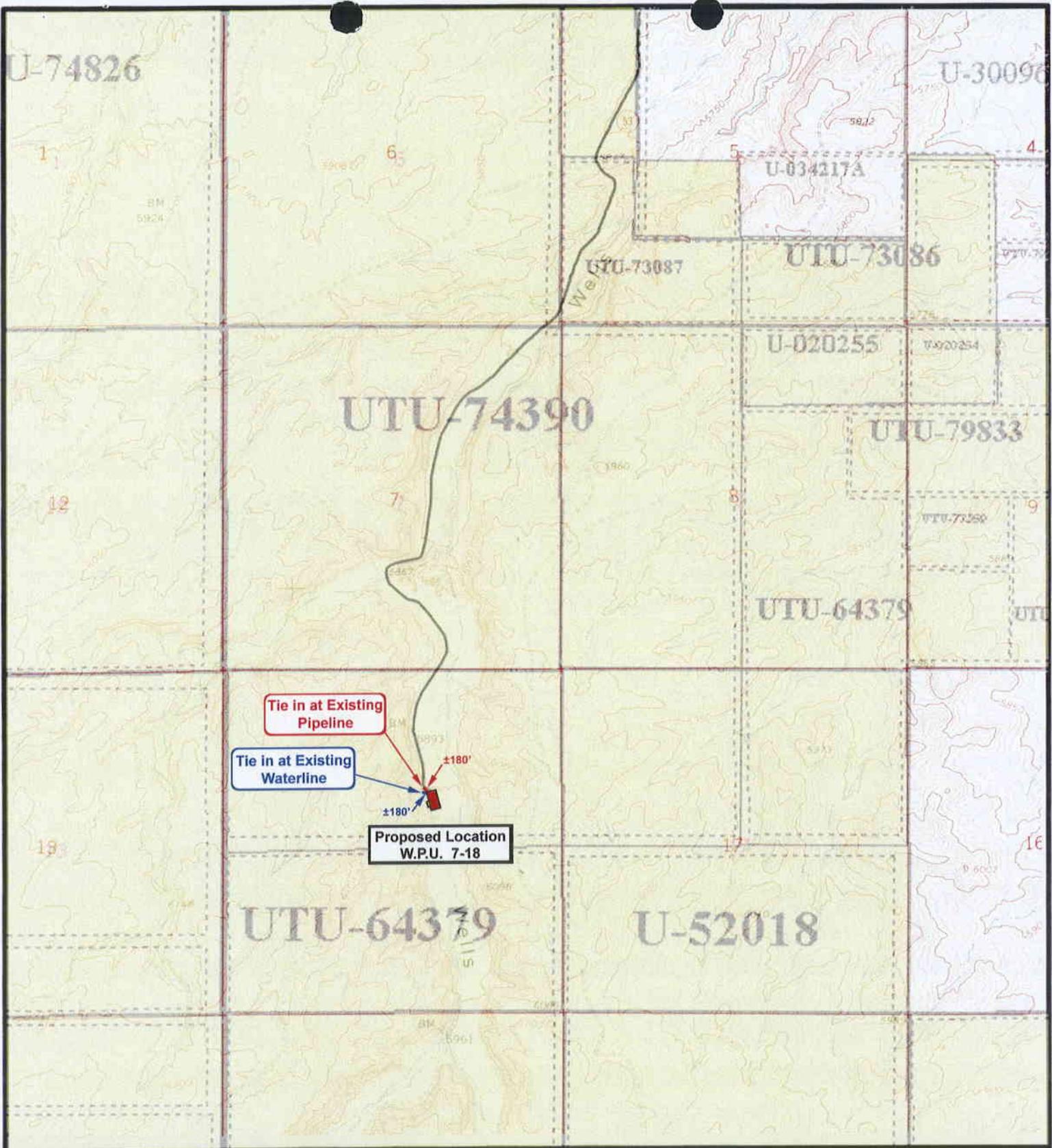
*Tri-State*  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'  
DRAWN BY: mw  
DATE: 09-01-2005

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"B"**



**NEWFIELD**  
Exploration Company

**West Point Unit 7-18-9-16**  
**SEC. 18, T9S, R16E, S.L.B.&M.**



*Tri-State*  
*Land Surveying Inc.*  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

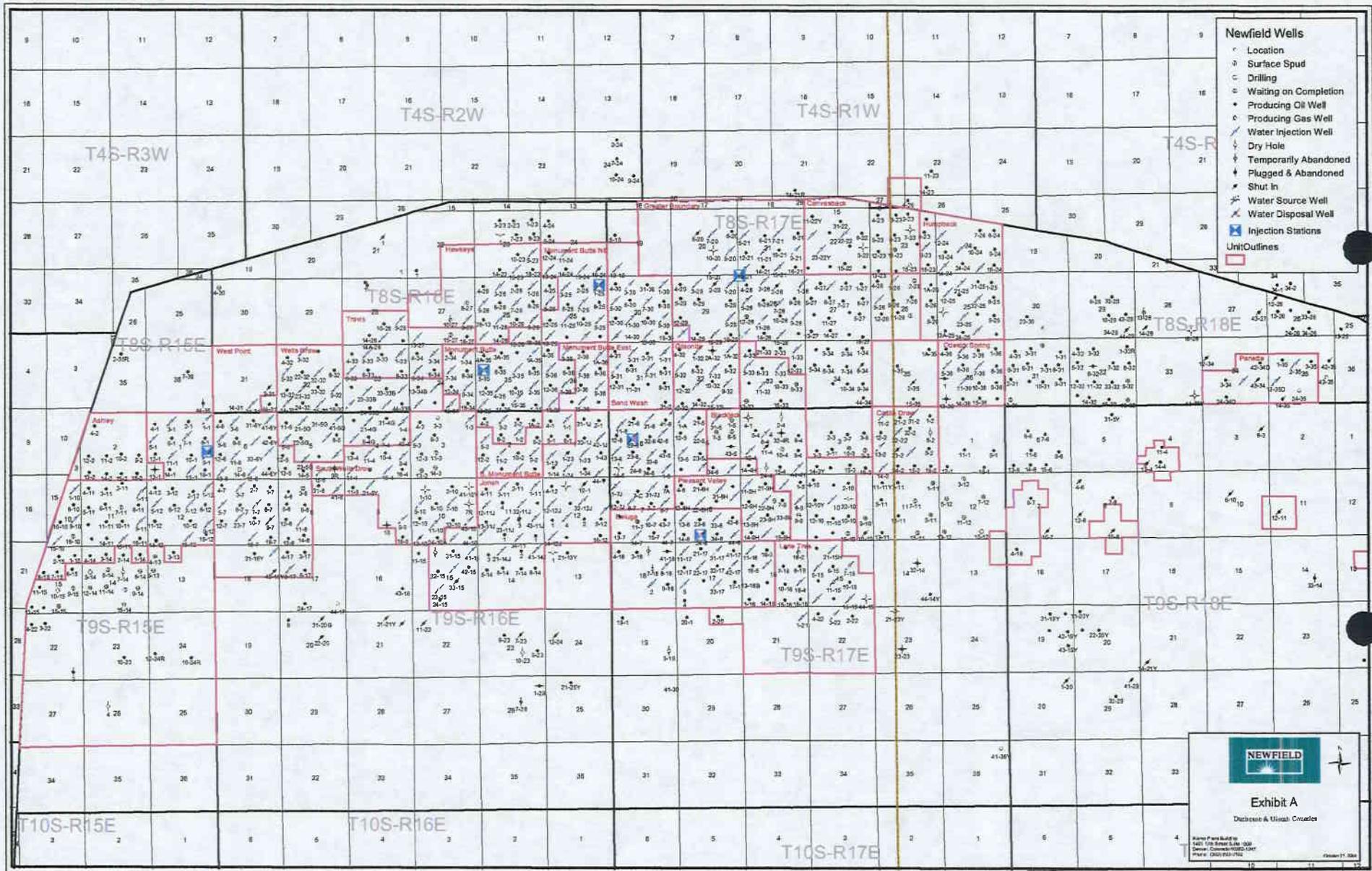
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DRAWN BY: mw  
DATE: 09-01-2005

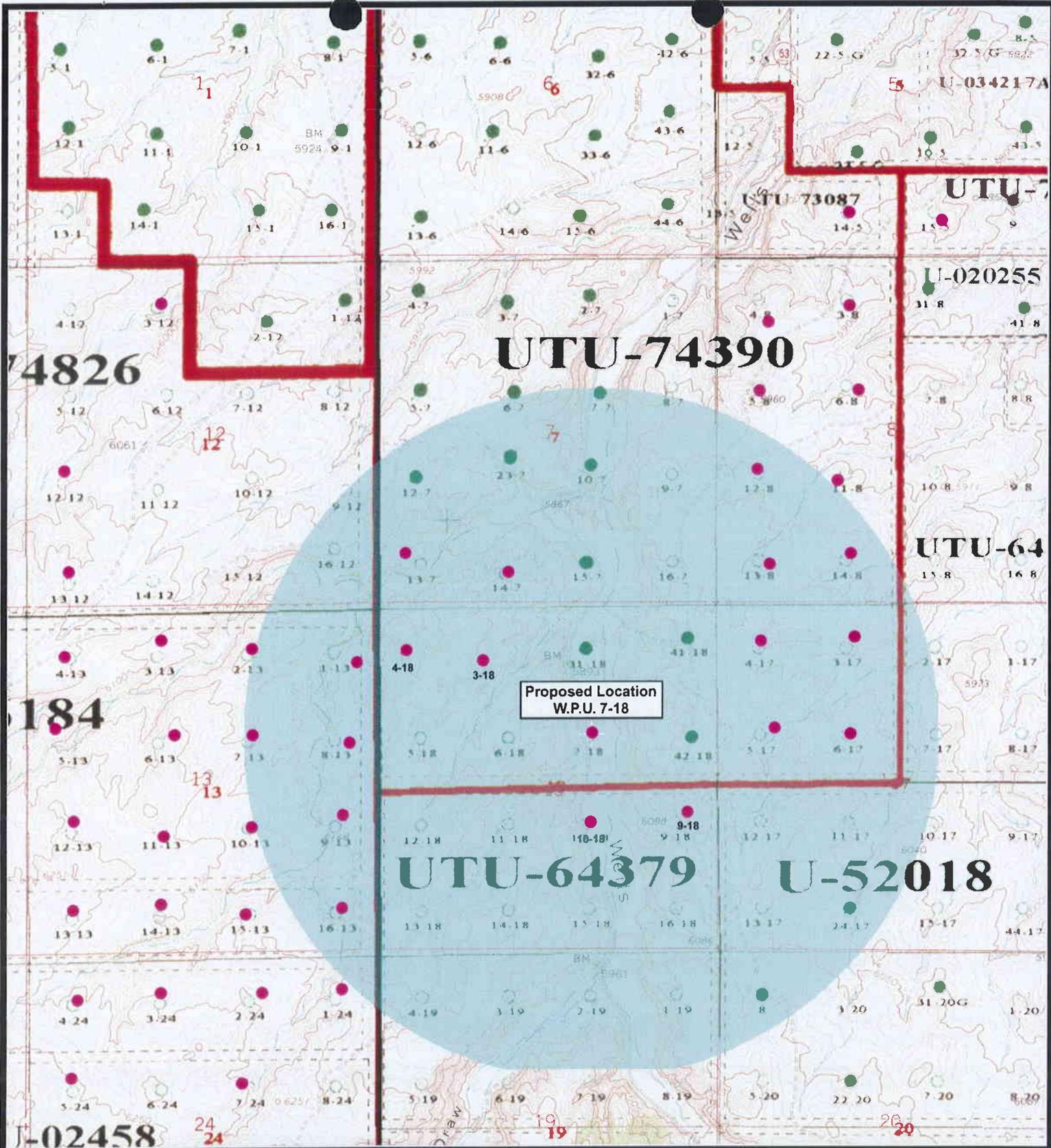
**Legend**

- Roads
- Proposed Gas Line

TOPOGRAPHIC MAP

**"C"**





**NEWFIELD**  
Exploration Company

**West Point Unit 7-18-9-16**  
**SEC. 18, T9S, R16E, S.L.B.&M.**



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

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 09-01-2005

**Legend**

- Well Locations
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

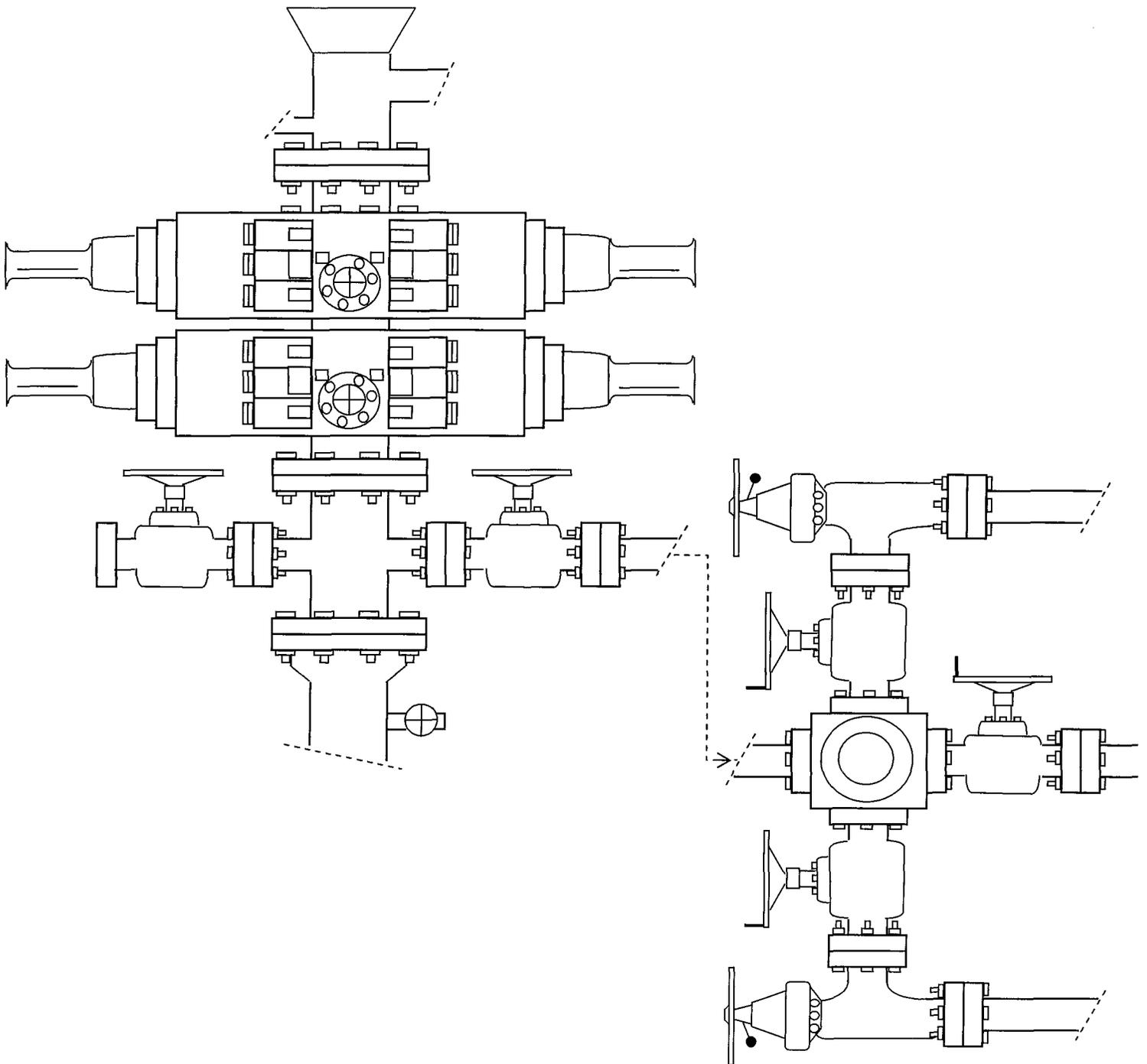


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S BLOCK PARCEL  
IN TOWNSHIP 9S, RANGE 16E, SECTION 18,  
DUCHESNE COUNTY, UTAH

By:

Kylie Lower-Eskelson  
and  
Keith R. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

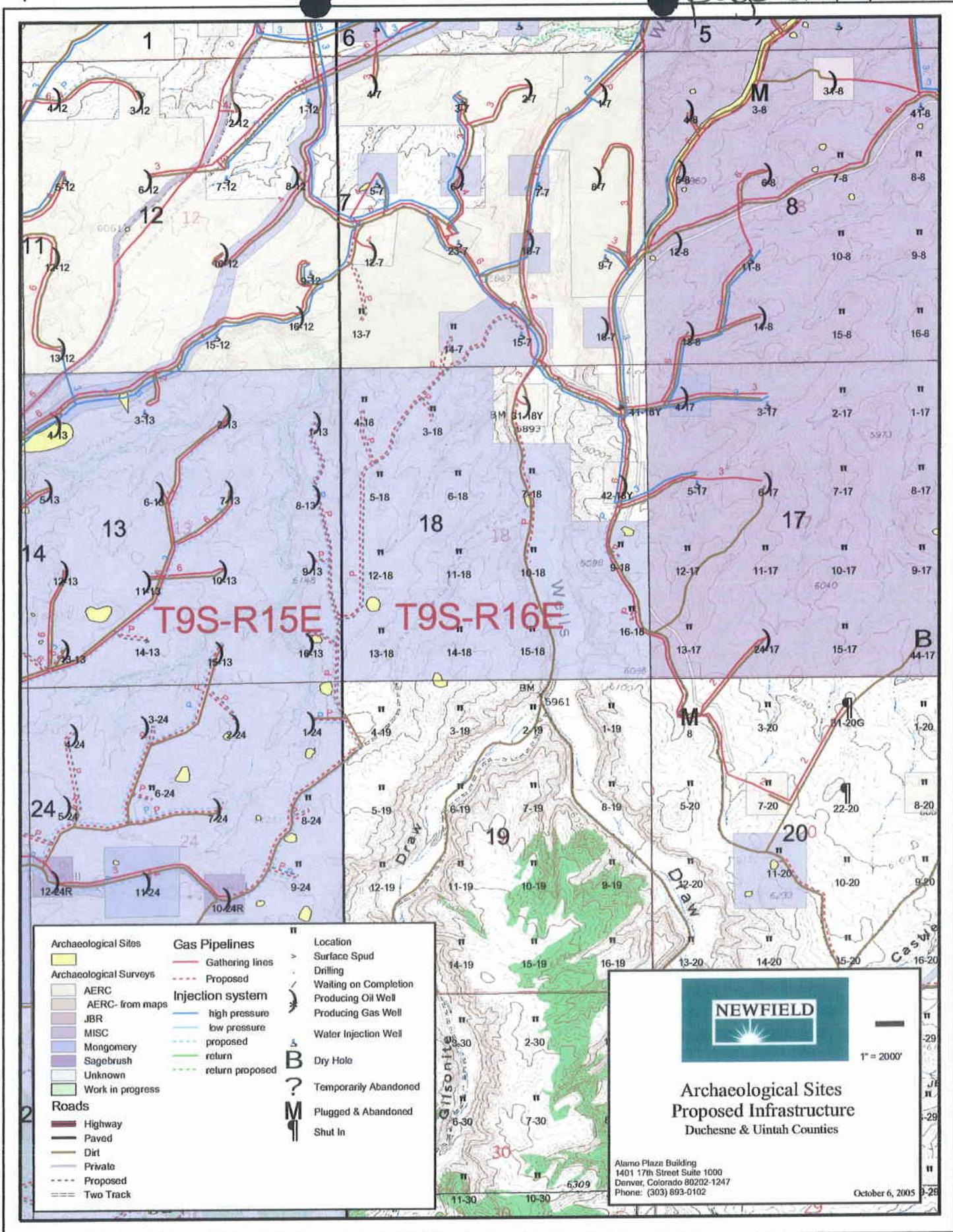
Montgomery Archaeological Consultants, Inc.  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 04-328

January 19, 2005

United States Department of Interior (FLPMA)  
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-1477b



- |  |  |  |
|--|--|--|
| <ul style="list-style-type: none"> <li>Archaeological Sites</li> <li>Archaeological Surveys</li> <li>AERC</li> <li>AERC - from maps</li> <li>JBR</li> <li>MISC</li> <li>Mongomery</li> <li>Sagebrush</li> <li>Unknown</li> <li>Work in progress</li> </ul> | <ul style="list-style-type: none"> <li>Gas Pipelines</li> <li>Gathering lines</li> <li>Proposed</li> <li>Injection system</li> <li>high pressure</li> <li>low pressure</li> <li>proposed</li> <li>return</li> <li>return proposed</li> </ul> | <ul style="list-style-type: none"> <li>Location</li> <li>Surface Spud</li> <li>Drilling</li> <li>Waiting on Completion</li> <li>Producing Oil Well</li> <li>Producing Gas Well</li> <li>Water Injection Well</li> <li>Dry Hole</li> <li>Temporarily Abandoned</li> <li>Plugged &amp; Abandoned</li> <li>Shut In</li> </ul> |
|--|--|--|



1" = 2000'

### Archaeological Sites Proposed Infrastructure

Duchesne & Uintah Counties

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 893-0102

October 6, 2005

**NEWFIELD PRODUCTION COMPANY**

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

Section 3, T 9 S, R 17 E [NE 1/4 & NW 1/4, NE 1/4 and NE 1/4, NW 1/4  
& SW 1/4, NW 1/4, and NE 1/4 & NW 1/4, SE 1/4]; Section 18, T 9 S, R 16 E  
[excluding NE 1/4, NW 1/4, & SE 1/4, NE 1/4]; Section 15, T 9 S, R 17 E [SE 1/4/ NE 1/4];  
Section 18, T 9 S, R 17 E [western half of section plus SE 1/4 & SW 1/4, SE 1/4];  
Section 33, T 8 S, R 16 E [NW 1/4, NW 1/4 and SW 1/4, NE 1/4]

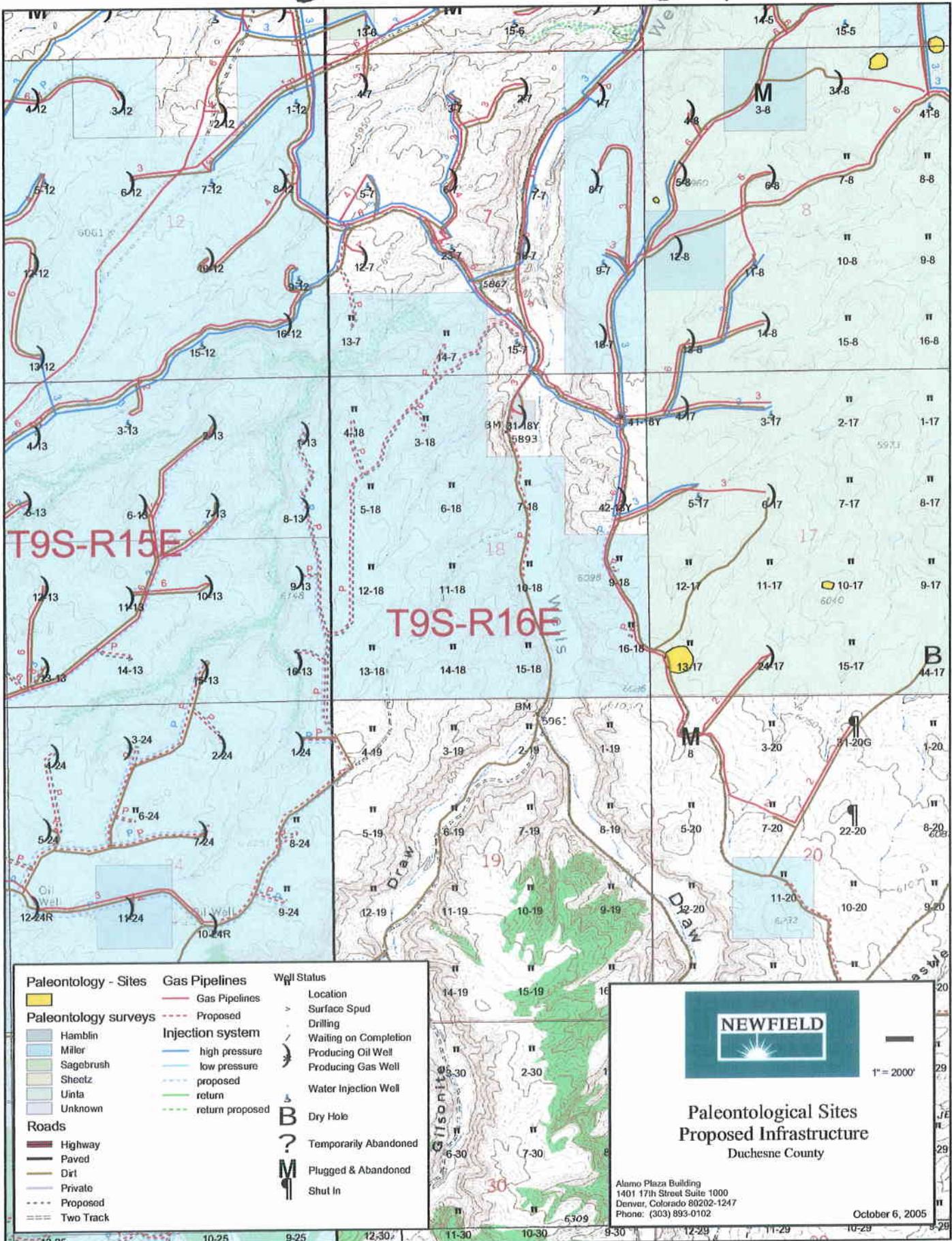
**REPORT OF SURVEY**

Prepared for:

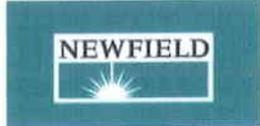
**Newfield Production Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
May 11, 2005



Paleontology - Sites	Gas Pipelines	Well Status
Paleontology surveys	Gas Pipelines	Location
Hamblin	Proposed	Surface Spud
Miller	Injection system	Drilling
Sagebrush	high pressure	Waiting on Completion
Sheetz	low pressure	Producing Oil Well
Uinta	proposed return	Producing Gas Well
Unknown	return	Water Injection Well
<b>Roads</b>	return proposed	Dry Hole
Highway		Temporarily Abandoned
Paved		Plugged & Abandoned
Dirt		Shut In
Private		
Proposed		
Two Track		



**NEWFIELD**

1" = 2000'

**Paleontological Sites  
Proposed Infrastructure**  
Duchesne County

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 893-0102

October 6, 2005

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/11/2005

API NO. ASSIGNED: 43-013-32919

WELL NAME: W POINT FED 7-18-9-16  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNE 18 090S 160E  
 SURFACE: 1962 FNL 1941 FEL  
 BOTTOM: 1962 FNL 1941 FEL  
 DUCHESNE  
 MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-74390  
 SURFACE OWNER: 1 - Federal  
 PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

LATITUDE: 40.03283  
 LONGITUDE: -110.1589

RECEIVED AND/OR REVIEWED:

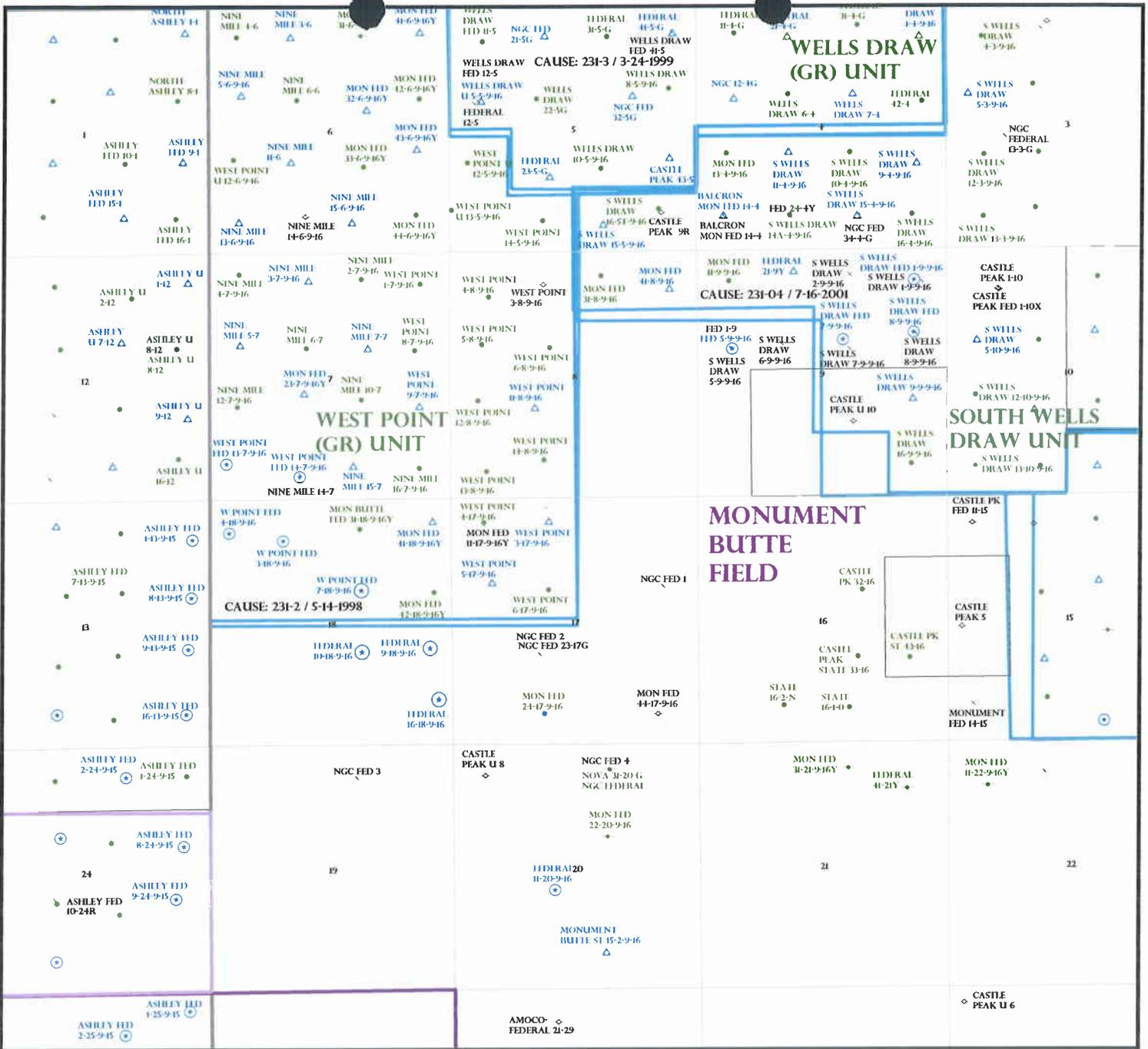
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT0056 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- \_\_\_\_\_ R649-2-3.
- Unit WEST POINT (GREEN RIVER)
- \_\_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_\_\_ R649-3-3. Exception
- Drilling Unit  
Board Cause No: 231-2  
Eff Date: 5-14-98  
Siting: Suspends General Siting
- \_\_\_\_\_ R649-3-11. Directional Drill

COMMENTS: Sep. Separate file

STIPULATIONS: 1-Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 18 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 231-2 / 5-14-1998

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

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

**Wells Status**

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 11-OCTOBER-2005

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

October 13, 2005

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2005 Plan of Development West Point Unit, Duchesne  
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2005 within the West Point Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
	(Proposed PZ Green River)	
43-013-32919	W Point Fed	7-18-9-16 Sec 18 T09S R16E 1962 FNL 1941 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File – West Point Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:10-13-05



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

October 18, 2005

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

Re: West Point Federal 7-18-9-16 Well, 1962' FNL, 1941' FEL, SW NE, Sec. 18,  
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 43-013-32919.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: Newfield Production Company  
Well Name & Number West Point Federal 7-18-9-16  
API Number: 43-013-32919  
Lease: UTU-74390

Location: SW NE                      Sec. 18                      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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**UTU-74390**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**WEST POINT (GR RVR)**

8. Well Name and No.  
**WEST POINT FEDERAL 7-18-9-16**

9. API Well No.  
**43-013-32919**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator  
**NEWFIELD PRODUCTION COMPANY**

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**1962 FNL 1941 FEL SW/NE Section 18, T9S R16E**

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

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

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 10/18/05 (expiration 10/18/06).

This APD has not been approved yet by the BLM.

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

Date: 10-05-06  
By: [Signature]

10-10-06  
RM

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

Signed Mandie Crozier Title Regulatory Specialist Date 9-29-2006  
Mandie Crozier

CC: ULM DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

**RECEIVED**

**OCT 03 2006**

DIV. OF OIL, GAS & MINING

RESET

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

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

**API:** 43-013-32919  
**Well Name:** West Point Federal 7-18-9-16  
**Location:** SW/NE Section 18, T9S R16E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 10/18/2005

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

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

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

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

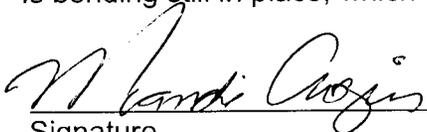
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

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

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

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

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

  
Signature

9/29/2006  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

**RECEIVED**  
**OCT 03 2006**  
DIV. OF OIL, GAS & MINING

RECEIVED

OCT 11 2005

BLM VERNAL, UTAH

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No. UTU-74390
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. West Point
8. Lease Name and Well No. West Point Federal 7-18-9-16
9. API Well No. 43,013,32919
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area SW/NE Sec. 18, T9S R16E
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. 678' flse, 678' f/unit
16. No. of Acres in lease 2037.19
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. 1365'
19. Proposed Depth 5970'
20. BLM/BIA Bond No. on file UT0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5902' GL
22. Approximate date work will start* 2nd Quarter 2006
23. Estimated duration Approximately seven (7) days from spud to rig release.

1a. Type of Work:  DRILL  REENTER

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

2. Name of Operator  
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface SW/NE 1962' FNL 1941' FEL  
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*  
Approximatley 12.9 miles southwest of Myton, Utah

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any) Approx. 678' flse, 678' f/unit

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft. Approx. 1365'

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5902' GL

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 10/7/05
Title Regulatory Specialist		

Approved by (Signature) <i>Jerry Kenczka</i>	Name (Printed/Typed) JERRY KENCZKA	Date 2-7-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

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

\*(Instructions on reverse)

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED

RECEIVED

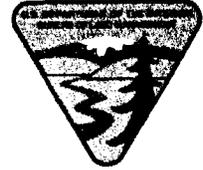
FEB 13 2007

DIV. OF OIL, GAS & MINING



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

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



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** Newfield Production Company  
**Well No:** West Point Federal 7-18-9-16  
**API No:** 43-013-32919

**Location:** SWNE, Sec 18, T9S, R16E  
**Lease No:** UTU-74390  
**Agreement:** West Point Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Melissa Hawk	435-781-4476	435-828-7381
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	
<b>After Hours Contact Number: 435-781-4513</b>		<b>Fax: 435-781-4410</b>	

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

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

**DRILLING AND CONSTRUCTION**

- All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
- Prior to construction the operator must consult with the U.S. Army Corps of Engineers regarding compliance with Section 404 of the Clean Water Act.
- In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.
- Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel shall not be allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator shall submit a proposal to control erosion to the BLM.
- The reserve pit shall be double lined with felt and a 12 ml or greater liner.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
- Drill cuttings and mud shall remain in the reserve pit until DRY. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit shall not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
- Prevent fill and stock piles from entering drainages.
- **CULTURAL AND PALEONTOLOGICAL RESOURCES** - Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery shall be made by the authorized officer to determine appropriate actions to prevent the loss of

significant cultural or scientific values. The holder shall be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

- The access road shall be crowned and ditched. Flat-bladed roads are NOT allowed.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.
- Noxious weeds and any undesirable plants, as determined by the BLM, shall be controlled by the operator. The operator shall submit a pesticide use proposal to control weeds if they develop on the location or access road.
- Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.

#### INTERIM RECLAMATION

- Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, the topsoil shall be spread and re-contoured on the location and immediately seeded with the seed mix below. Topsoil shall not be piled deeper than 2 feet.

#### Interim Reclamation Seed Mix for location:

Crested wheatgrass	Agropyron cristatum	4 lbs/acre
	Per Live Seed Total	4 lbs/acre

- Certified weed free seed and straw shall be used for final and interim reclamation. The operator shall submit a receipt with certification for the seed and any straw used on location.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed it should be re-contoured, then the area should be seeded in the same manner as the topsoil.
- There shall be no primary or secondary noxious weeds in the seed mixture.
- The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
- The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in fall.

## COMPLETION AND PRODUCTION

- All Blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.
- During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.
- The dikes for the production facilities will be constructed of compacted subsoil, be impervious, hold 110% the capacity of the largest tank with (one) 1 foot of freeboard and be independent of the backcut. All galvanized material used for dikes shall be painted on the inside and outside. Dikes shall be installed before production starts. Diking of the entire location will only be used as a secondary means of containment.
- Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.
- Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., without the prior written approval of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.
- No production pits shall be allowed on the location.
- Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.
- All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (see well stipulations for color specific to each well). All facilities shall be painted within twelve (12) months of installation.
- The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.
- Equipment not being used for production shall not be stored on the well location.
- All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

## ABANDONED WELL – FINAL RECLAMATION

- A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix shall be designated at the time the sundry is approved.
- The cut and fill slopes shall be recontoured to original contours. The entire disturbed area shall then be back-filled with topsoil, landscaped, seeded and fenced to exclude livestock. The fence shall remain in place. It shall be removed prior to approval of final abandonment.
- The seed shall be drilled or hand broadcast and harrowed into the ground during September of

the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed free mulch shall also be applied to the planting area sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.

- When seeding *Artemisia* spp or shrubs broadcast seed and chain the area.
- Final reclamation shall be a stage process.
- If invasive or undesirable species are present in the area the location to be reclaimed will be sprayed with a pesticide in fall preferably October. (pesticide determined by the Vernal Field Office).
- 30 days after treatment drill seed the location with 4 lbs/acre Crested wheatgrass.
- Once the desired pioneer species has established (2 yrs +) the seeded area shall be sprayed in a mosaic pattern with the above determined pesticide.
- Reseed within 30 days with an approved native final reclamation seed mix.
- Final reclamation will be considered complete once desired plants are > 5 plants per square meter and invasive or un-desirable species are < 100 plants per square meter.
- No drilling or construction from April 1 through July 15 to protect nesting Prairie Falcons. Sage Grouse Lek Nest Area—No surface use is allowed within the lek nesting areas March 1 through June 30. Avoid cultural site so as to prevent vandalism and dust buildup by passing traffic on this pictograph panel. Prior to drilling submit a proposal for dust mitigation along archeological site located along the access road. All production facilities shall be painted Olive Drab. 6" and 4" surface poly gas lines, 3" buried poly water return line and 3" steel buried water injection line.

#### **General Surface COA**

**Operator shall notify any active Gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.**

## **DOWNHOLE CONDITIONS OF APPROVAL**

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

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- None

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- 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).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

- 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.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major

Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

# DIVISION OF OIL, GAS AND MINING

## ***SPUDDING INFORMATION***

Name of Company: Newfield Production Company

Well Name: W Point Fed 7-18-9-16

API No: 43-013-32919 Lease Type: Federal

Section 18 Township 09S Range 16E County Duchesne

Drilling Contractor NDSI Rig # NS#1

### **SPUDDED:**

Date 5-22-07

Time 11:00 AM

How Dry

***Drilling will Commence:*** \_\_\_\_\_

Reported by Don Bastian

Telephone # 435-823-6012

Date 5-23-07 Signed RM

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16137	4301333066	FEDERAL 1-20-9-16	NENW	20	9S	16E	DUCHESNE	5/17/2007	5/30/07
WELL 1 COMMENTS: <i>GRUV</i>											
B	99999	14844	4304738193	<i>Sundance</i> FEDERAL 14-1-9-17	NENW	12	9S	17E	DUCHESNE	5/18/2007	5/30/07
<i>GRUV</i> <i>BHL = SESW SEC 1</i>											
A	99999	16138	4301332921	FEDERAL 10-18-9-16	NWSE	18	9S	16E	DUCHESNE	5/18/2007	5/30/07
<i>GRUV</i>											
A	99999	16139	4301333136	FEDERAL 13-15-9-16	SWSW	15	9S	16E	DUCHESNE	5/22/2007	5/30/07
<i>GRUV</i>											
B	99999	12418	4301332919	<i>West Point</i> FEDERAL 7-18-9-16	SWNE	18	9S	16E	DUCHESNE	5/22/2007	5/30/07
WELL 5 COMMENTS: <i>GRUV</i>											
A	99999	16140	4301333164	FEDERAL 15-21-9-16	SWSE	21	9S	16E	DUCHESNE	5/16/2007	5/30/07
WELL 5 COMMENTS: <i>GRUV</i>											

ACTION CODES (See instructions on back of form)

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

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

RECEIVED

MAY 23 2007

*Jentri Park*  
Signature  
Jentri Park  
Production Clerk  
April 18, 2007  
Date

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.  
USA UTU-74390

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
WEST POINT UNIT

8. Well Name and No.  
WEST POINT FEDERAL 7-18-9-16

9. API Well No.  
4301332919

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1962 FNL 1941 FEL  
SWNE Section 18 T9S R16E

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

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

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

On 5/22/2007 MIRU NDSI NS # 1. Spud well @ 11:00 AM. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 318.37' KB On 5/25/2007 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 4 bbls cement to pit. WOC.

RECEIVED

MAY 30 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Troy Zufelt	Title Drilling Foreman
Signature 	Date 05/25/2007

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

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

(Instructions on reverse)

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 318.37

LAST CASING 8 5/8" set @ 318.37  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 315 LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL West Point Federal 7-18-9-16  
 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 38.85'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	306.52
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			308.37
TOTAL LENGTH OF STRING		308.37	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>318.37</b>
TOTAL		306.52	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		306.52	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	5/22/2007	11:00 AM	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		5/22/2007	4:30 PM	Bbls CMT CIRC TO SURFACE <u>4</u>			
BEGIN CIRC		5/25/2007	7:44 AM	RECIPROCATED PIPE FOR <u>N/A</u>			
BEGIN PUMP CMT		5/25/2007	7:54 AM				
BEGIN DSPL. CMT		5/25/2007	8:05 AM	BUMPED PLUG TO <u>N/A</u> PSI			
PLUG DOWN		5/25/2007	8:13 AM				

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
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 5/25/2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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



1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
**NEWFIELD PRODUCTION COMPANY**

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

3b. Phone    (include are code)  
                   435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
                   1962 FNL 1941 FEL  
                   SWNE Section 18 T9S R16E

5. Lease Serial No.  
**USA UTU-74390**

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
**WEST POINT UNIT**

8. Well Name and No.  
**WEST POINT FEDERAL 7-18-9-16**

9. API Well No.  
**4301332919**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

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

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

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

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

On 5/29/07 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 notified of test. PU BHA and tag cement @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5950'. 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, 135 jt's of 5.5 J-55, 15.5# csgn. Set @ 5949.12' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.49 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 35 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 96,000 #'s tension. Release rig @ 2:30pm 6/3/07.

**RECEIVED**  
**JUN 05 2007**  
DIV. OF OIL, GAS & MINING

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

Don Bastian  
 Signature

Title  
 Drilling Foreman

Date  
 06/03/2007

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

Title \_\_\_\_\_ Date \_\_\_\_\_  
 Office \_\_\_\_\_

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

(Instructions on reverse)

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

\_\_\_\_\_ **5 1/2"** CASING SET AT \_\_\_\_\_ **5949.12**

Flt clr @ 5933.77'

LAST CASING 8 5/8" Set @ \_\_\_\_\_ 318.37

OPERATOR Newfield Production Company

DATUM 12' KB

WELL WP Federal 7-16-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE \_\_\_\_\_

CONTRACTOR & RIG # Patterson-UTI Rig # 155

TD DRILLER 5950' TD loggers \_\_\_\_\_

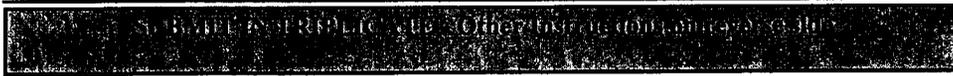
HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 5.88					
135	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5921.77
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	14.1
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5951.12
TOTAL LENGTH OF STRING		5951.12	136	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		265.74	6	CASING SET DEPTH			<b>5949.12</b>
<b>TOTAL</b>		<b>6201.61</b>	<b>142</b>	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6201.61	142				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		2:30 AM	6/3/2007	GOOD CIRC THRU JOB		Yes	
CSG. IN HOLE		6:00 AM	6/3/2007	Bbls CMT CIRC to surface		35	
BEGIN CIRC		6:20 AM	6/3/2007	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		8:35 AM	6/3/2007	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		9:26 AM	6/3/2007	BUMPED PLUG TO		1600	PSI
PLUG DOWN		9:50 AM	6/3/2007				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premilite II w/ 10% gel + 3% KCL, 5#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.49 cf/sk yield					
2	425	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 Don Bastian DATE 6/3/2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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



1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1962 FNL 1941 FEL  
SWNE Section 18 T9S R16E

5. Lease Serial No.  
USA UTU-74390

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
WEST POINT UNIT

8. Well Name and No.  
WEST POINT FEDERAL 7-18-9-16

9. API Well No.  
4301332919

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

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

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

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crowin	Title Regulatory Specialist
Signature <i>Mandie Crowin</i>	Date 07/02/2007

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

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

(Instructions on reverse)

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-74390

**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:  
WEST POINT UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
WEST POINT FEDERAL 7-18-9-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332919

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

PHONE NUMBER  
435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1962 FNL 1941 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 18, T9S, R16E

STATE: UT

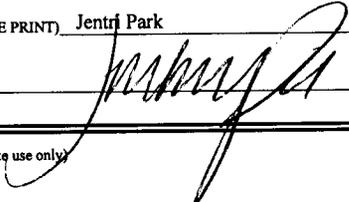
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: <u>07/17/2007</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
The above subject well was completed on 07/01/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 07/17/2007

(This space for State use only)

**RECEIVED**

**JUL 18 2007**

DIV. OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**W POINT 7-18-9-16**

4/1/2007 To 8/30/2007

**6/19/2007 Day: 1****Completion**

Rigless on 6/18/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5881' & cement top @ 41'. Perforate stage #1. CP5 sds @ 5728-5738' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 141 BWTR. SIFN.

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**6/22/2007 Day: 2****Completion**

Rigless on 6/21/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 down casing w/ 18,787#'s of 20/40 sand in 302 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 4002 psi. Treated @ ave pressure of 2145 @ ave rate of 24.7 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2180. 443 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" solid (6K) composite frac plug & 9', 11' perf guns. Set plug @ 5640'. Perforate CP2 sds @ 5533-42' & CP1 sds @ 5489-5500' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°) w/ 4 spf for total of 80 shots. RU BJ & perfs won't break down. RIH & spot 8 gals of 15% HCL acid on perfs. RU BJ & frac stage #2 w/ 79,580#'s of 20/40 sand in 611 bbls of Lightning 17 frac fluid. Open well w/ 935 psi on casing. Perfs broke down @ 2517 psi. Treated @ ave pressure of 2144 @ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2255. 1054 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ solid frac plug & 14' perf gun. Set plug @ 5280'. Perforate LODC sds @ 5162-76', 5139-44', 5110-15' w/ 4 spf for total of 96 shots. RU BJ & frac stage #3 w/ 90,131#'s of 20/40 sand in 670 bbls of Lightning 17 frac fluid. Open well w/ 68 psi on casing. Perfs broke down @ 2097 psi. Treated @ ave pressure of 2615 @ ave rate of 27 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2629. 1724 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ solid frac plug & 5' perf gun. Set plug @ 5060'. Perforate A3 sds @ 5023-28' w/ 4 spf for total of 20 shots. Spotted acid twice on perfs & still won't break down. Decision made to leave stage #4 behind. RU WLT. RIH w/ solid frac plug & 22' perf gun. Set plug @ 4950'. Perforate B2 sds @ 4822-44'. RU BJ & frac stage #5 w/ 125,067#'s of 20/40 sand in 861 bbls of Lightning 17 frac fluid. Open well w/ 60 psi on casing. Perfs broke down @ 2625 psi. Treated @ ave pressure of 1972 @ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2227. 2585 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ solid frac plug & 5' perf gun. Set plug @ 4785'. Perforate B.5 sds @ 4760-65' w/ 4 spf for total of 20 shots. SIFN.

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**6/25/2007 Day: 3****Completion**

Rigless on 6/24/2007 - RU BJ & perfs won't break down. RIH & spot 16 gals 15% HCL acid (in 2 runs). Decision made to leave frac behind on stage #6, B.5 sds. RIH w/ solid frac plug & 5' perf gun. Set plug @ 4643'. Perforate D1 sds @ 4538-4543' w/ 4 spf for total of 20 shots. RU BJ & frac stage #7 w/ 15,108#'s of 20/40 sand in 239 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2225 psi. Treated @ ave pressure of 2126 @ ave rate of 24.7 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1935. 2824

bbbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 22' perf gun. Set plug @ 4170'. Perforate GB4 sds @ 4038-60' w/ 4 spf for total of 88 shots. RU BJ & frac stage #8 w/ 88,792#'s of 20/40 sand in 618 bbbls of Lightning 17 frac fluid. Open well w/ 1613 psi on casing. Perfs broke down @ 3315 psi. Treated @ ave pressure of 1713 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 2050. 3442 bbbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3 hours & died w/ 200 bbbls rec'd. SIFN.

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**6/26/2007 Day: 4**

**Completion**

NC #2 on 6/25/2007 - MIRU NC #2. Bleed off well. ND 5000# BOPs. NU 3000# BOPs. RU rig floor. TIH w/ 4 3/4" chomp bit & 2 7/8" J-55 tbg from pipe racks (tallying & drifting). SWIFN.

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**6/27/2007 Day: 5**

**Completion**

NC #2 on 6/26/2007 - Continue TIH w/ tbg (PU from pipe racks tallying & drifting). Tag sand @ 4090'. RU power swivel. Clean out to plug @ 4160' & drill up plug in 27 min. Continue TIH. Tag sand @ 4390'. Clean out to plug @ 4640' & drill up plug in 28 minutes. Continue TIH. Tag sand @ 4725'. Clean out to plug @ 4785'. Drill up plug in 32 minutes. Circulate well clean. SWIFN.

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**6/28/2007 Day: 6**

**Completion**

NC #2 on 6/27/2007 - Continue TIH. Tag fill @ 4870' & clean out to plug @ 4950'. Drill up plug in 29 minutes. Tag fill @ 4990' & clean out to plug @ 5080'. Drill up plug in 34 minutes. Tag fill @ 5170' & clean out to plug @ 5280'. Drill up plug in 30 minutes. Tag fill @ 5520' & clean out to plug @ 5640'. Drill up plug in 29 minutes. Tag fill @ 5865' & clean out to PBSD @ 5933'. Circulate well clean. SWIFN.

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**6/29/2007 Day: 7**

**Completion**

NC #2 on 6/28/2007 - Bleed off well. RU swab. Made 17 swab runs. Recovered 153 Bbbls fluid, 152 BW 1 Bbl oil. SFL @ surface & EFL @ 900'. Ending w/ 2% oil cut, good show of gas & no show of sand. TIH to PBSD & circulate well clean. RD swab equipment. TOOH w/ tbg. SWIFN.

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**7/2/2007 Day: 8**

**Completion**

NC #2 on 7/1/2007 - TIH w/ tbg as detailed below. RD rig floor. ND BOPs. Set TA @ 5652' w/ 16,000# tension. NU wellhead. X-over for rods. PU rods from trailer as detailed below. RU pumping unit. Hang rods off. W/ hole full, stroke test pump - 800 psi w/ unit (good pump action). RDMOSU. PWOP @ 5:30 PM w/ 120" SL & 5 SPM. Est. 3242 BWTR. Final Report!

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**Pertinent Files: Go to File List**

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

5. LEASE DESIGNATION AND SERIAL NO.

**UTU-74390**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

1a. TYPE OF WORK

OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

7. UNIT AGREEMENT NAME

Ashley

1b. TYPE OF WELL

NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.  Other \_\_\_\_\_

8. FARM OR LEASE NAME, WELL NO.

West Poitn Federal 7-18-9-16

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.

43-013-32919

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 1962' FNL & 1941' FEL (SW/NE) Sec. 18, T9S, R16E

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

Sec. 18, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-32919	DATE ISSUED 10/18/06
-----------------------------	-------------------------

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

15. DATE SPURRED 05/22/07	16. DATE T.D. REACHED 06/02/07	17. DATE COMPL. (Ready to prod.) 06/29/07	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5902' GL	19. ELEV. CASINGHEAD 5914' KB
------------------------------	-----------------------------------	--	---	----------------------------------

20. TOTAL DEPTH, MD & TVD 5950'	21. PLUG BACK T.D., MD & TVD 5933'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY ----->	ROTARY TOOLS X	CABLE TOOLS
------------------------------------	---------------------------------------	-----------------------------------	------------------------------------	-------------------	-------------

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

Green River 4038'-5738'

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#	318'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5949'	7-7/8"	300 sx Premlite II and 425 sx 50/50 Poz	

**29. LINER RECORD**

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

**30. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5749'	TA @ 5653'

**31. PERFORATION RECORD (Interval, size and number)**

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5728'-5738'	.49"	4/40	5728'-5738'	Frac w/ 18,787# 20/40 sand in 302 bbls fluid
(CP2 & 1) 5533'-5542', 5489'-5500'	.43"	4/80	5489'-5542'	Frac w/ 79,580# 20/40 sand in 611 bbls fluid
(LODC) 5162'-76', 5139'-44', 5110'-15'	.43"	4/96	5110'-5176'	Frac w/ 90,131# 20/40 sand in 670 bbls fluid
(A3) 5023'-5028"	.43"	4/20	5023'-5028'	No frac
(B2) 4822'-4844'	.43"	4/88	4822'-4844'	Frac w/ 125,067# 20/40 sand in 861 bbls fluid
(B.5) 4760'-4765'	.43"	4/20	4760'-4765'	No frac
(D1) 4538'-4543'	.43"	4/20	4538'-4543'	Frac w/ 15,108# 20/40 sand in 239 bbls fluid
(GB4) 4038'-4060'	.43"	4/88	4038'-4060'	Frac w/ 88,792# 20/40 sand in 618 bbls fluid

**33.\* PRODUCTION**

DATE FIRST PRODUCTION 06/29/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16' x20' RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 41	GAS--MCF. 15	WATER--BBL. 55	GAS-OIL RATIO 366
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	<p align="center"><b>RECEIVED</b> JUL 23 2007</p>		WATER--BBL.	OIL GRAVITY-API (CORR.)

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

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

**DIV. OF OIL, GAS & MINING**

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

SIGNED Jentri Park TITLE Production Clerk DATE 7/18/2007

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			<b>Well Name</b> <b>West Point Federal 7-18-9-16</b>	Garden Gulch Mkr	3551'	
				Garden Gulch 1	3752'	
				Garden Gulch 2	3859'	
				Point 3 Mkr	4114'	
				X Mkr	4377'	
				Y-Mkr	4411'	
				Douglas Creek Mkr	4522'	
				BiCarbonate Mkr	4748'	
				B Limestone Mkr	4850'	
				Castle Peak	5433'	
				Basal Carbonate	5868'	
				Total Depth (LOGGERS)	5950'	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74390
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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> W POINT FED 7-18-9-16	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013329190000	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1962 FNL 1941 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 18 Township: 09.0S Range: 16.0E Meridian: S	<b>COUNTY:</b> DUCHESNE	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/4/2013  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 08/30/2013. On 09/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/04/2013 the casing was pressured up to 1400 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen.</p>		<p><b>Accepted by the Utah Division of Oil, Gas and Mining</b></p> <p><b>Date:</b> October 28, 2013</p> <p><b>By:</b> </p>
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 9/13/2013

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

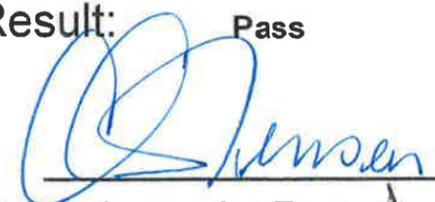
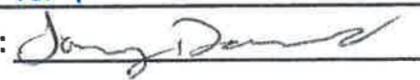
Witness:  Date 9/4/13 Time 11:15 am pm  
Test Conducted by: Jonny Daniels  
Others Present: \_\_\_\_\_

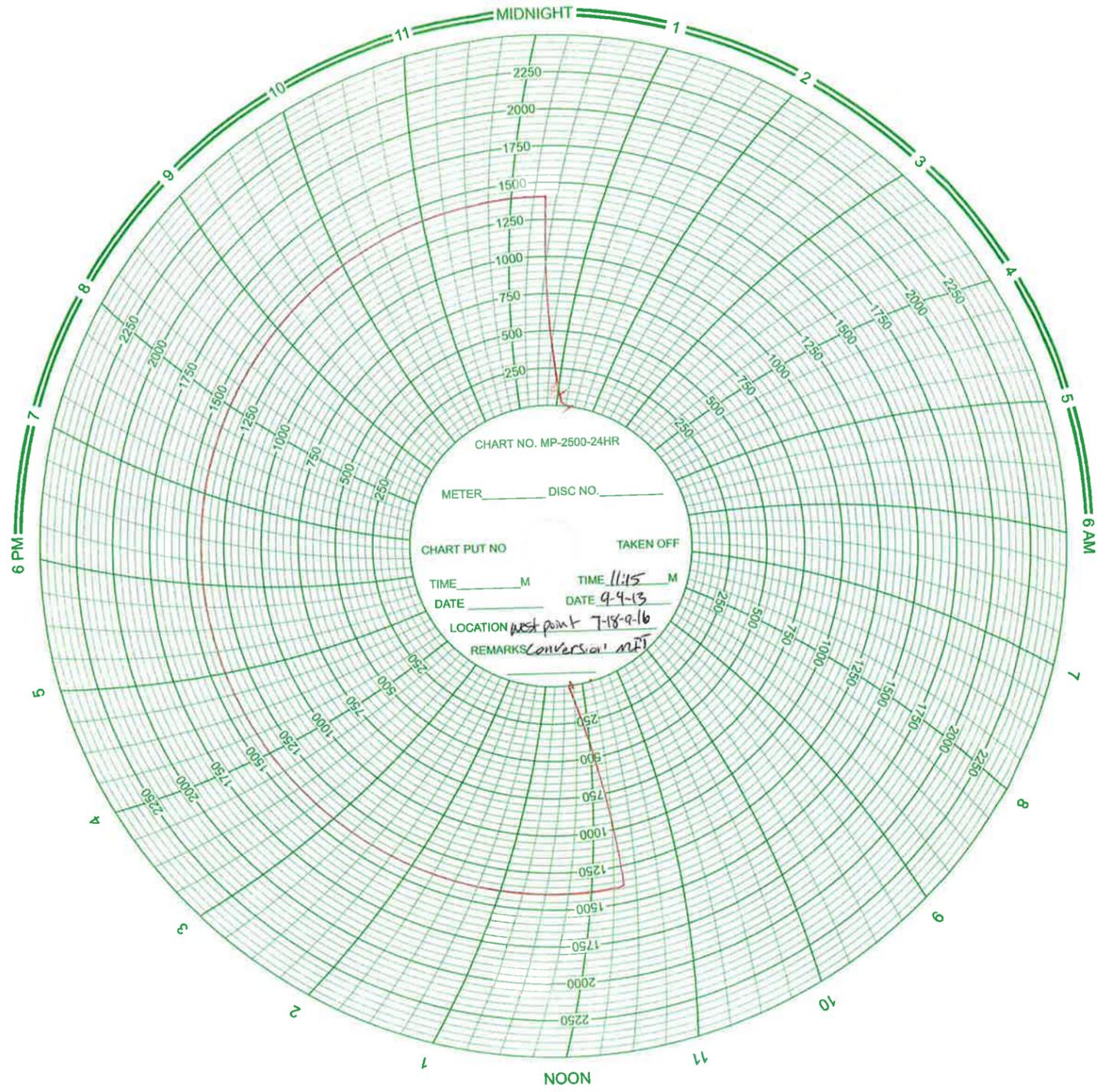
Well: <u>west point 7-18-9-10</u>	Field: <u>Monument Butte.</u>
Well Location: <u>SW/NE Sec 18</u> <u>T9S R10E</u>	API No: <u>430133 2919</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1400</u>	psig
5	<u>1400</u>	psig
10	<u>1400</u>	psig
15	<u>1400</u>	psig
20	<u>1400</u>	psig
25	<u>1400</u>	psig
30 min	<u>1400</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 400 psig

Result: Pass Fail

Signature of Witness:   
Signature of Person Conducting Test: 



## Daily Activity Report

Format For Sundry

W POINT 7-18-9-16

6/1/2013 To 10/30/2013

8/30/2013 Day: 1

Conversion

WWS #9 on 8/30/2013 - Flush TBG 30 BBLS LD 40 rods flush W/ 20 bbls LD rods 75 rods flush W/20 bbls, 98 out flush w/ 25 bbls 9:20 cont LD rods 167 out flush W/25 bbls 10:00 Am - Flush TBG 30 BBLS LD 40 rods flush W/ 20 bbls LD rods 75 rods flush W/20 bbls, 98 out flush w/ 25 bbls 9:20 cont LD rods 167 out flush W/25 bbls 10:00 Am cont. LD rods 6-1/2 Wt rods pump. 11:00am XO to tbg eqp ND well head pu on tbg release TAC NU bops rigs up floor 12 :45 am TOO H breaking collars 40 jts out flush tbg W/ 40 bbls @ 250\*f 15:00 pm cont tooh 80 JTS out flush tbg W/ 15 bbls SWIFN. - Flush TBG 30 BBLS LD 40 rods flush W/ 20 bbls LD rods 75 rods flush W/20 bbls, 98 out flush w/ 25 bbls 9:20 cont LD rods 167 out flush W/25 bbls 10:00 Am cont. LD rods 6-1/2 Wt rods pump. 11:00am XO to tbg eqp ND well head pu on tbg release TAC NU bops rigs up floor 12 :45 am TOO H breaking collars 40 jts out flush tbg W/ 40 bbls @ 250\*f 15:00 pm cont tooh 80 JTS out flush tbg W/ 15 bbls SWIFN. - Flush TBG 30 BBLS LD 40 rods flush W/ 20 bbls LD rods 75 rods flush W/20 bbls, 98 out flush w/ 25 bbls 9:20 cont LD rods 167 out flush W/25 bbls 10:00 Am cont. LD rods 6-1/2 Wt rods pump. 11:00am XO to tbg eqp ND well head pu on tbg release TAC NU bops rigs up floor 12 :45 am TOO H breaking collars 40 jts out flush tbg W/ 40 bbls @ 250\*f 15:00 pm cont tooh 80 JTS out flush tbg W/ 15 bbls SWIFN.

Daily Cost: \$0

Cumulative Cost: \$18,093

9/3/2013 Day: 2

Conversion

WWS #9 on 9/3/2013 - 6:00 TO 7:00 Crew travel safety meeting. Continue TOO H 10 joints tubing plugged off flushed tubing with 25 bbls. At 25 - 6:00 TO 7:00 Crew travel safety meeting. Continue TOO H 10 joints tubing plugged off flushed tubing with 25 bbls. At 250 degrees. Continue TOO H breaking collars 38 128 total LO 56 extra joints onto trailer. 11:15 am TIH with packer assembly RIH 2 3/8 Re Entry guide 2 3/8 XN-NIPPLE. ONE 4FT X 2 3/8 Tubing sub.cross over 5 1/2 arrow set packer on-off tool new PSN 128 joints 2 7/8 J-55 tubing holes full. Drop SV 13:00 pm circulate down with 20 bbls. Pressure up tubing to 3000 psi. 13:20 pm to 14:20 pm good bleed off pressure RIH retrieve SV POOH RD floor ND BOPS pump packer fluid PU set packer at 4006 ft. with 15,000 tension land on inj. Tree PSN @ 4000 FT. EOT @ 4016 FT. pressure up casing to 1500 psi. @ 16:20 pm to 17:00 pm maybe lost 10 lbs. Shut well in for night check pressure Tuesday morning. 17:00 to 18:00 crew travel. - 6:00 TO 7:00 Crew travel safety meeting. Continue TOO H 10 joints tubing plugged off flushed tubing with 25 bbls. At 250 degrees. Continue TOO H breaking collars 38 128 total LO 56 extra joints onto trailer. 11:15 am TIH with packer assembly RIH 2 3/8 Re Entry guide 2 3/8 XN-NIPPLE. ONE 4FT X 2 3/8 Tubing sub.cross over 5 1/2 arrow set packer on-off tool new PSN 128 joints 2 7/8 J-55 tubing holes full. Drop SV 13:00 pm circulate down with 20 bbls. Pressure up tubing to 3000 psi. 13:20 pm to 14:20 pm good bleed off pressure RIH retrieve SV POOH RD floor ND BOPS pump packer fluid PU set packer at 4006 ft. with 15,000 tension land on inj. Tree PSN @ 4000 FT. EOT @ 4016 FT. pressure up casing to 1500 psi. @ 16:20 pm to 17:00 pm maybe lost 10 lbs. Shut well in for night check pressure Tuesday morning. 17:00 to 18:00 crew travel. - 6:00 TO 7:00 Crew travel safety meeting. Continue TOO H 10 joints tubing plugged off flushed tubing with 25 bbls. At 250 degrees. Continue TOO H breaking collars 38 128 total LO 56 extra joints onto trailer. 11:15 am TIH with packer assembly RIH 2 3/8 Re Entry guide 2 3/8 XN-NIPPLE. ONE 4FT X 2 3/8 Tubing sub.cross over 5 1/2 arrow set packer on-off tool new PSN 128 joints 2 7/8 J-55 tubing holes full. Drop SV 13:00 pm circulate down with 20 bbls. Pressure up tubing to 3000 psi. 13:20 pm to 14:20 pm

good bleed off pressure RIH retrieve SV POOH RD floor ND BOPS pump packer fluid PU set packer at 4006 ft. with 15,000 tension land on inj. Tree PSN @ 4000 FT. EOT @ 4016 FT. pressure up casing to 1500 psi. @ 16:20 pm to 17:00 pm maybe lost 10 lbs. Shut well in for night check pressure Tuesday morning. 17:00 to 18:00 crew travel. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$24,553

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**9/6/2013 Day: 3**

**Conversion**

Rigless on 9/6/2013 - Conduct initial MIT - On 09/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/04/2013 the casing was pressured up to 1400 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 09/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/04/2013 the casing was pressured up to 1400 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 09/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/04/2013 the casing was pressured up to 1400 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$56,765

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

# WEST POINT FED. 7-18-9-16

Spud Date: 05/22/07  
 Put on Production: 06/29/07  
 GL: 5902' KB: 5914'

## Injection Wellbore Diagram

### SURFACE CASING

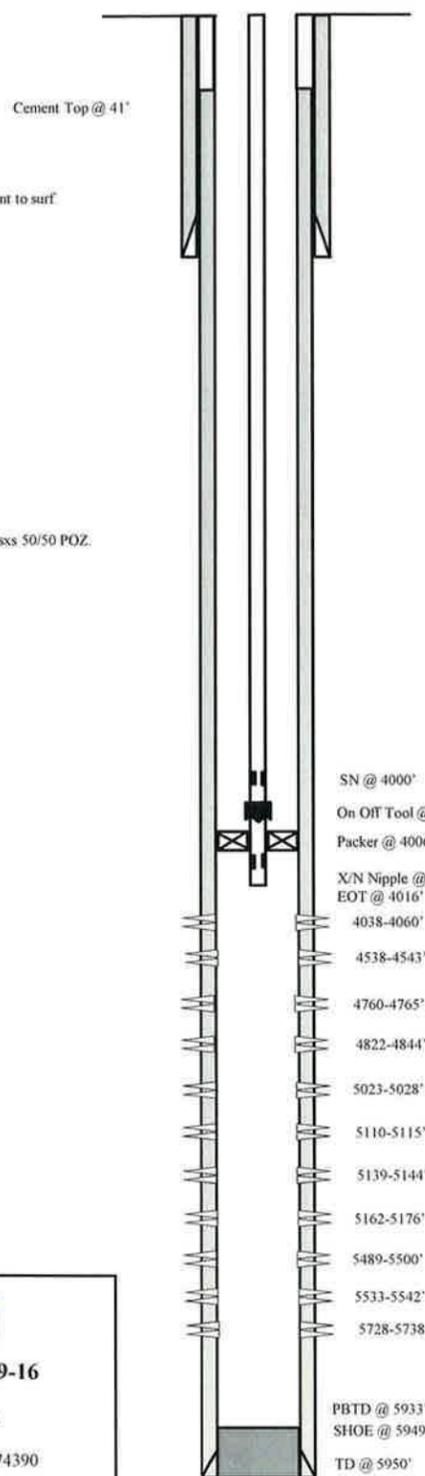
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (306.52')  
 DEPTH LANDED: 318.37' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136 jts (5935.87')  
 DEPTH LANDED: 5949.12' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS: 128 jts (3988.2')  
 SEATING NIPPLE: 2-7/8" (1 10')  
 SN LANDED AT: 4000.2' KB  
 ON/OFF TOOL AT: 4001.3'  
 ARROW #1 PACKER CE AT: 4006.48'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4010.3'  
 TBG PUP 2-3/8 J-55 AT: 4010.8'  
 X/N NIPPLE AT: 4015'  
 TOTAL STRING LENGTH: EOT @ 4016.48'



### FRAC JOB

06/21/07 5728-5738' **Frac CPS sands as follows:**  
 18787# 20/40 sand in 302 bbls Lightning 17 frac fluid. Treated @ avg press of 2145 psi w/avg rate of 24.7 BPM ISIP 2180 psi. Calc flush: 5726 gal. Actual flush: 5250 gal.

06/21/07 5489-5542' **Frac CP2 & CP1 sands as follows:**  
 79580# 20/40 sand in 611 bbls Lightning 17 frac fluid. Treated @ avg press of 2144 psi w/avg rate of 24.7 BPM ISIP 2255 psi. Calc flush: 5531 gal. Actual flush: 4998 gal.

06/21/07 5110-5176' **Frac LODC sands as follows:**  
 90131# 20/40 sand in 670 bbls Lightning 17 frac fluid. Treated @ avg press of 2615 psi w/avg rate of 24 BPM ISIP 2629 psi. Calc flush: 5108 gal. Actual flush: 4662 gal.

06/21/07 5023-5028' **Perf. A3 sands/Acid.**  
 Spotted acid twice on perf's, perf's still won't break down.

06/21/07 4822-4844' **Frac B2 sands as follows:**  
 125067# 20/40 sand in 861 bbls Lightning 17 frac fluid. Treated @ avg press of 1972 psi w/avg rate of 24.8 BPM ISIP 2227 psi. Calc flush: 4820 gal. Actual flush: 4368 gal.

06/21/07 4760-4765' **Perf. B.5 sands/Acid.**  
 Spotted acid on perf's, perf's still won't break down.

06/22/07 4538-4543' **Frac D1 sands as follows:**  
 15108# 20/40 sand in 239 bbls Lightning 17 frac fluid. Treated @ avg press of 2126 psi w/avg rate of 24.7 BPM ISIP 1935 psi. Calc flush: 4536 gal. Actual flush: 4074 gal.

06/22/07 4038-4060' **Frac GB4 sands as follows:**  
 88792# 20/40 sand in 618 bbls Lightning 17 frac fluid. Treated @ avg press of 1713 psi w/avg rate of 24.8 BPM ISIP 2050 psi. Calc flush: 4036 gal. Actual flush: 4032 gal.

12/16/11 **Pump Change.** Rods & tubing updated  
 08/30/13 **Convert to Injection Well**  
 09/04/13 **Conversion MIT Finalized** - update tbg detail

### PERFORATION RECORD

Date	Interval	Tool	Holes
06/21/07	5728-5738'	4 JSPF	40 holes
06/21/07	5533-5542'	4 JSPF	36 holes
06/21/07	5489-5500'	4 JSPF	44 holes
06/21/07	5162-5176'	4 JSPF	56 holes
06/21/07	5139-5144'	4 JSPF	20 holes
06/21/07	5110-5115'	4 JSPF	20 holes
06/21/07	5023-5028'	4 JSPF	20 holes
06/21/07	4822-4844'	4 JSPF	88 holes
06/21/07	4760-4765'	4 JSPF	20 holes
06/22/07	4538-4543'	4 JSPF	20 holes
06/22/07	4038-4060'	4 JSPF	88 holes

**NEWFIELD**

**WEST POINT FED. 7-18-9-16**  
 1962'FNL & 1941' FEL  
 SW/NE Section 18-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32919; Lease # UTU-74390

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74390
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> W POINT FED 7-18-9-16
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013329190000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1962 FNL 1941 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 18 Township: 09.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/31/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

The above reference well was put on injection at 8:20 AM on  
01/31/2014.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
February 11, 2014**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/10/2014	



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-344

**Operator:** Newfield Production Company  
**Well:** West Point Federal 7-18-9-16  
**Location:** Section 18, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32919  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 22, 2008.
2. Maximum Allowable Injection Pressure: 1,906 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,859' – 5,868')
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: Christina L. Overholser  
for John Rogers  
Associate Director

11/4/13  
Date

JR/MLR/js

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

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





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 and Mining

JOHN R. BAZA  
Division Director

April 22, 2008

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: West Point Unit Well: West Point Federal 7-18-9-16, Section 18, Township 9 South, Range 16 East, Duchesne County, Utah

Mr. Eric Sundberg,

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.

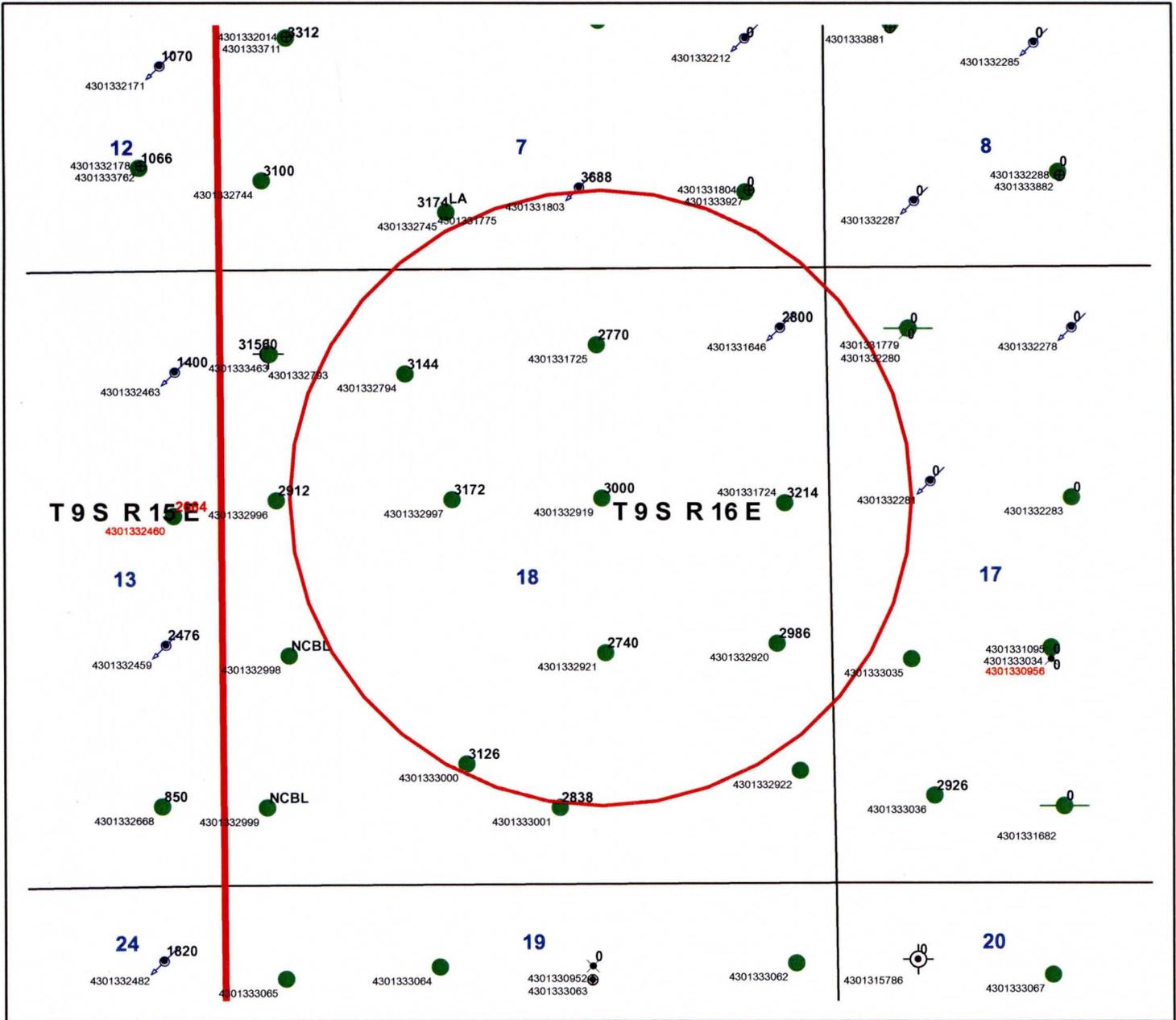
The Division will issue an Underground Injection Control Permit after the above stipulations have been met. If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt  
Associate Director

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





# West Point Federal 7-18-9-16

## Legend

- |                    |     |     |
|--------------------|-----|-----|
| <b>wells point</b> | ●   | POW |
| <b>WELLTYPE</b>    | ☀   | SGW |
| ↗                  | —●— | SOW |
| ⊙                  | ⊙   | TA  |
| ×                  | ○   | TW  |
| ⊕                  | ↗   | WDW |
| ⊙                  | ↖   | WIW |
| ☀                  | ●   | WSW |



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

**Applicant:** Newfield Production Company      **Well:** West Point Federal 7-18-9-16

**Location:** 18/9S/16E      **API:** 43-013-32919

**Ownership Issues:** The proposed well is located on Federal land. The well is located in the West Point Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. 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 West Point 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 318 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,949 feet. A cement bond log demonstrates adequate bond in this well up to 3,000 feet. A 2 7/8 inch tubing with a packer will be set at 4,003 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells and 1 injection well in the area of review. All of the wells have evidence of adequate casing and cement. No other corrective action will be required.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is approximately 1,900 feet. Injection shall be the interval between 3,859 feet and 5,868 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 7-18-9-16 well is .86 psi/ft which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,906 psig. The requested maximum pressure is 1,906 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.

**West Point Federal 7-18-9-16**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the West Point Unit May 14, 1998. Correlative rights issues were addressed at that 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): Clinton Dworshak

Date 03/19/2008

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD  
EXPLORATION COMPANY FOR ADMINISTRATIVE APPROVAL OF : NOTICE OF AGENCY ACTION  
THE HAWKEYE 10-23-8-16 WELL LOCATED IN SECTION 23, :  
MONUMENT BUTTE FEDERAL 14-24-8-16 WELL LOCATED IN : CAUSE NO. UIC 344  
SECTION 24, MONUMENT BUTTE FEDERAL 4-25-8-16, MONUMENT :  
BUTTE FEDERAL 2-25-8-16, WELLS LOCATED IN SECTION 25, :  
TOWNSHIP 8 SOUTH, RANGE 16 EAST, MONUMENT BUTTE 16-2-9- :  
16, SOUTH WELLS DRAW 14-2-9-16, MONUMENT BUTTE 10-2-9-16, :  
MONUMENT BUTTE 6-2-9-16, MONUMENT BUTTE 2-2-9-16 WELLS :  
LOCATED IN SECTION 2, SOUTH WELLS DRAW 15-3-9-16, SOUTH :  
WELLS DRAW 7-3-9-16, SOUTH WELLS DRAW 9-3-9-16 WELLS :  
LOCATED IN SECTION 3, WELLS DRAW FEDERAL 11-4G-9-16, :  
WELLS DRAW 6-4G-9-16 WELLS LOCATED IN SECTION 4, JONAH :  
FEDERAL 15-15-9-16 WELL LOCATED IN SECTION 15, WEST POINT :  
FEDERAL 5-18-9-16, WEST POINT FEDERAL 7-18-9-16, WEST POINT :  
FEDERAL 3-18-9-16 WELLS LOCATED IN SECTION 18, TOWNSHIP 9 :  
SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II :  
INJECTION WELLS

---ooOoo---

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

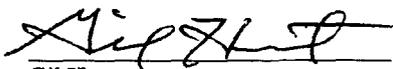
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of the Newfield Exploration Company for administrative approval of the Hawkeye 10-23-8-16 well, located in NW/4 SE/4 Section 23, Monument Butte Federal 14-24-8-16 well, located in SE/4 SW/4 Section 24, Monument Butte Federal 4-25-8-16 well, located in NW/4 NW/4 Section 25, Monument Butte Federal 2-25-8-16 well, located in NW/4 NE/4 Section 25, Monument Butte 16-2-9-16 well located in SE/4 SE/4 Section 2, South Wells Draw 14-2-9-16 well located SE/4 SW/4 in Section 2, Monument Butte 10-2-9-16 well located in NW/4 SE/4 Section 2, Monument Butte 6-2-9-16 well located SE/4 NW/4 in Section 2, Monument Butte 2-2-9-16 well located in NW/4 NE/4 Section 2, South Wells Draw 15-3-9-16 well located in SW/4 SE/4 Section 3, South Wells Draw 7-3-9-16 well located in SW/4 NE/4 Section 3, South Wells Draw 9-3-9-16 well located in NE/4 SE/4 Section 3, Wells Draw Federal 11-4G-9-16 well located in NW/4 NW/4 Section 4, Wells Draw 6-4G-9-16 well located in SE/4 NW/4 Section 4, Jonah Federal 15-15-9-16 well located in SW/4 SE/4 Section 15, West Point Federal 5-18-9-16 well located in SW/4 NW/4 Section 18, West Point Federal 7-18-9-16 well located in SW/4 NE/4 Section 18, West Point Federal 3-18-9-16 well located in NE/4 NW/4 Section 18, Township 9 South, Range 16 East, Salt Lake Meridian, Duchesne, Utah, for conversion to Class II injection wells. These wells are located in the Hawkeye, Monument Butte, South Wells Draw, Jonah and West Point Units respectively. The adjudicative proceedings will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Newfield Exploration Company.

Any person desiring to object to the proposed 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 Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, Utah 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 procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of March, 2008

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

  
Gil Hunt  
Associate Director

**Newfield Exploration Company**

Hawkeye 10-23-8-16, Monument Butte Federal 14-24-8-16, Monument Butte Federal 4-25-8-16,  
Monument Butte Federal 2-25-8-16, Monument Butte 16-2-9-16, South Wells Draw 14-2-9-16,  
Monument Butte 10-2-9-16 Monument Butte 6-2-9-16, Monument Butte 2-2-9-16, South Wells  
Draw 15-3-9-16, South Wells Draw 7-3-9-16, South Wells Draw 9-3-9-16, Wells Draw Federal  
11-4G-9-16, Wells Draw 6-4G-9-16, Jonah Federal 15-15-9-16, West Point Federal 5-18-9-16,  
West Point Federal 7-18-9-16, West Point Federal 3-18-9-16

**Cause No. UIC 344**

Publication Notices were sent to the following:

Newfield Exploration Company  
17th Street, Suite 1000  
Denver CO 80202

Newfield Production Company  
Rt 3 Box 3630  
Myton, Utah 84052

Via E-mail and Facsimile (435) 722-4140  
Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Via E-mail and Facsimile (801) 237-2776  
The Salt Lake Tribune  
PO Box 45838  
Salt Lake City, Utah 84145

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

Duchesne County Planning  
PO Box 910  
Duchesne, UT 84021

Dan Jackson  
US EPA Region VIII  
MS 8-P-W-GW  
1595 Wynkoop St  
Denver, CO 80202-1129

  
\_\_\_\_\_  
Jean Sweet  
Executive Secretary  
March 21, 2008



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 and Mining

JOHN R. BAZA  
*Division Director*

March 21, 2008

SENT VIA E-MAIL AND FAX

The Salt Lake Tribune  
PO Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Cause No. UIC 344

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 send proof of publication and billing for **account #D5385340L** to:

Division of Oil, Gas and Mining  
Suite 1210  
PO Box 145801  
Salt Lake City, UT 84114-5801.

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure





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 and Mining

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Division Director

March 21, 2008

SENT VIA E-MAIL AND FAX

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Cause No. UIC 344

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](mailto:jsweet@utah.gov). Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
Suite 1210  
PO Box 145801  
Salt Lake City, UT 84114-5801.

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



**From:** Bonnie <bonnie@ubstandard.com>  
**To:** <jsweet@utah.gov>  
**Date:** 03/21/2008 3:46 PM  
**Subject:** Legals run dates

Jean,

Legals UIC 066.2, UIC 345, UIC 346 and UIC 344 will all run in our March 25th issue.

Thank you,

Bonnie Parrish  
Uintah Basin Standard  
435-722-5131

**NOTICE OF  
AGENCY  
ACTION  
CAUSE NO.  
UIC 344**

BEFORE THE DIVISION OF OIL, GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES

STATE OF UTAH  
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 the Newfield Exploration Company for administrative approval of the Hawkeye 10-23-8-16 well, located in NW/4 SE/4 Section 23, Monument Butte Federal 14-24-8-16 well, located in SE/4 SW/4 Section 24, Monument Butte Federal 4-25-8-16 well, located in NW/4 NW/4 Section 25, Monument Butte Federal 2-25-8-16 well, located in NW/4 NE/4 Section 25, Monument Butte 16-2-9-16 well located in SE/4 SE/4 Section 2, South Wells Draw 14-2-9-16 well located SE/4 SW/4 in Section 2, Monument Butte 10-2-9-16 well located in NW/4 SE/4 Section 2, Monument Butte 6-2-9-16 well located SE/4 NW/4 in Section 2, Monument Butte 2-2-9-16 well located in NW/4 NE/4 Section 2, South Wells Draw 15-3-9-16 well located in SW/4 SE/4 Section 3, South Wells Draw 7-3-9-16 well located in SW/4 NE/4 Section 3, South Wells Draw 9-3-9-16 well located in NE/4 SE/4 Section 3, Wells Draw Federal 11-4G-9-16 well located in NW/4 NW/4 Section 4, Wells Draw 6-4G-9-16 well located in SE/4 NW/4 Section 4, Jonah Federal 15-15-9-16 well located in SW/4 SE/4 Section 15, West Point Federal 5-18-9-16 well located in SW/4 NW/4 Section 18, West Point Federal 7-18-9-16 well located in SW/4 NE/4 Section 18, West Point Federal 3-18-9-16 well located in NE/4 NW/4 Section 18, Township 9 South, Range 16 East, Salt Lake Meridian, Duchesne, Utah, for conversion to Class II injection wells. These wells are located in the Hawkeye, Monument Butte, South Wells Draw, Jonah and West Point Units respectively. The adjudicative proceedings will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Newfield Exploration Company.

Any person desiring to object to the proposed 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 Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, Utah 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 procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of March, 2008  
STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING  
Gil Hunt  
Associate Director  
Published in the Uintah  
Basin Standard March 25,  
2008.



February 26, 2008

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
West Point Federal 7-18-9-16  
Monument Butte, Lease #U-74390  
Section 18-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the West Point Federal 7-18-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field. I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg  
Regulatory Analyst

**RECEIVED**  
**MAR 05 2008**  
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**WEST POINT FEDERAL #7-18-9-16**  
**MONUMENT BUTTE FEDERAL**  
**LEASE #U-74390**  
**February 26, 2008**

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# WEST POINT FED. 7-18-9-16

Spud Date: 05/22/07  
 Put on Production: 06/29/07  
 GL: 5902' KB: 5914'

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.52')  
 DEPTH LANDED: 318.37' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

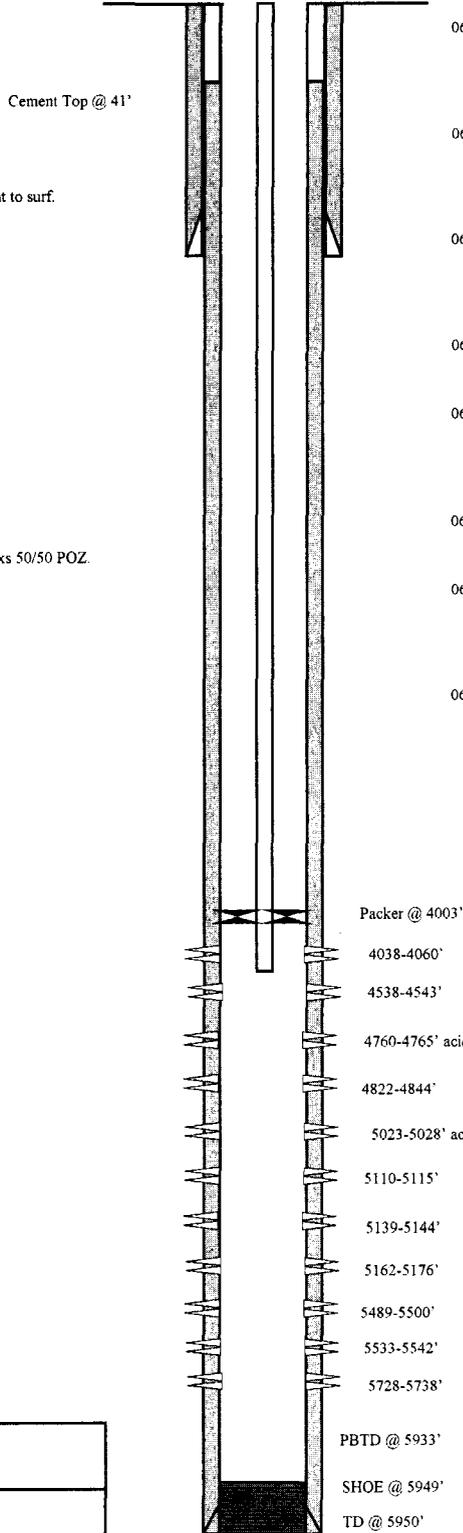
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136 jts. (5935.87')  
 DEPTH LANDED: 5949.12' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 181 jts (5638.01')  
 TUBING ANCHOR: 5652.81' KB  
 NO. OF JOINTS: 1 jts (31.67')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5684.48' KB  
 NO. OF JOINTS: 2 jts (63.26')  
 TOTAL STRING LENGTH: EOT @ 5749.29' KB

### FRAC JOB

06/21/07	5728-5738'	<b>Frac CP5 sands as follows:</b> 18787# 20/40 sand in 302 bbls Lightning 17 frac fluid. Treated @ avg press of 2145 psi w/avg rate of 24.7 BPM. ISIP 2180 psi. Calc flush: 5726 gal. Actual flush: 5250 gal
06/21/07	5489-5542'	<b>Frac CP2 &amp; CP1 sands as follows:</b> 79580# 20/40 sand in 611 bbls Lightning 17 frac fluid. Treated @ avg press of 2144 psi w/avg rate of 24.7 BPM. ISIP 2255 psi. Calc flush: 5531 gal. Actual flush: 4998 gal.
06/21/07	5110-5176'	<b>Frac LODC sands as follows:</b> 90131# 20/40 sand in 670 bbls Lightning 17 frac fluid. Treated @ avg press of 2615 psi w/avg rate of 24 BPM. ISIP 2629 psi. Calc flush: 5108 gal. Actual flush: 4662 gal
06/21/07	5023-5028'	<b>Perf. A3 sands/Acid.</b> Spotted acid twice on perf's, perf's still won't break down.
06/21/07	4822-4844'	<b>Frac B2 sands as follows:</b> 125067# 20/40 sand in 861 bbls Lightning 17 frac fluid. Treated @ avg press of 1972 psi w/avg rate of 24.8 BPM. ISIP 2227 psi. Calc flush: 4820 gal. Actual flush: 4368 gal
06/21/07	4760-4765'	<b>Perf. B.5 sands/Acid.</b> Spotted acid on perf's, perf's still won't break down.
06/22/07	4538-4543'	<b>Frac D1 sands as follows:</b> 15108# 20/40 sand in 239 bbls Lightning 17 frac fluid. Treated @ avg press of 2126 psi w/avg rate of 24.7 BPM. ISIP 1935 psi. Calc flush: 4536 gal. Actual flush: 4074 gal
06/22/07	4038-4060'	<b>Frac GB4 sands as follows:</b> 88792# 20/40 sand in 618 bbls Lightning 17 frac fluid. Treated @ avg press of 1713 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 4036 gal. Actual flush: 4032 gal



### PERFORATION RECORD

06/21/07	5728-5738'	4 JSPF	40 holes
06/21/07	5533-5542'	4 JSPF	36 holes
06/21/07	5489-5500'	4 JSPF	44 holes
06/21/07	5162-5176'	4 JSPF	56 holes
06/21/07	5139-5144'	4 JSPF	20 holes
06/21/07	5110-5115'	4 JSPF	20 holes
06/21/07	5023-5028'	4 JSPF	20 holes
06/21/07	4822-4844'	4 JSPF	88 holes
06/21/07	4760-4765'	4 JSPF	20 holes
06/22/07	4538-4543'	4 JSPF	20 holes
06/22/07	4038-4060'	4 JSPF	88 holes



**WEST POINT FED. 7-18-9-16**  
 1962'FNL & 1941' FEL  
 SW/NE Section 18-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32919; Lease # UTU-74390

## 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  
1401 17<sup>th</sup> Street, Suite 1000  
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 West Point Federal #7-18-9-16 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 West Point Federal #7-18-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3859' - 5868'). 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 3551' and the TD is at 5950'.

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

The referenced log for the West Point Federal #7-18-9-16 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 State lease (Lease #U-74390) 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#, J-55 surface casing run to 318' KB, and 5-1/2" 15.5# J-55 casing run from surface to 5949' 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 1906 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 West Point Federal #7-18-9-16, for existing perforations (4038' - 5738') calculates at 0.86 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 1906 psig. We may add additional perforations between 3859' and 5950'. 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 West Point Federal #7-18-9-16, the proposed injection zone (3859' - 5868') is in the Garden Gulch to 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-7.

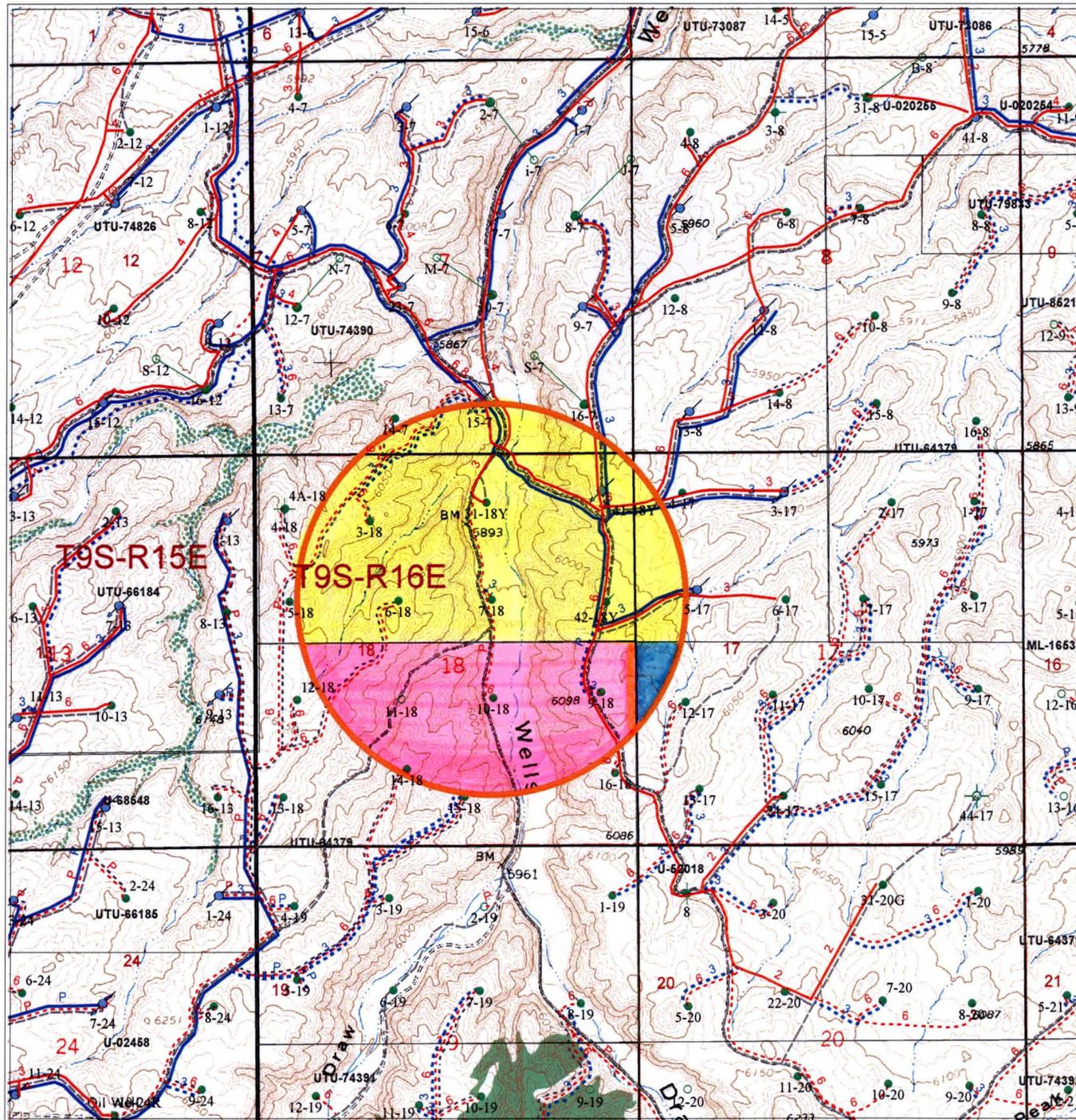
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



**Well Status**

- 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

**Injection system**

- Countyline
- high pressure
- low pressure
- ⋯ proposed
- return
- ⋯ return proposed

**Gas Pipelines**

- Gathering lines
- ⋯ Proposed lines

**Leases**

- Leases
- ⊙ 7-18-9-16 1/2mile radius

**Handwritten Annotations:**

- Yellow square: U-74390
- Pink square: U-64379
- Blue square: U-52018

*Attachment A*

West Point Fed 7-18-9-16  
Section 18, T9S-R16E

**NEWFIELD**  
ROCKY MOUNTAINS

1" = 2000'

**1/2 Mile Radius Map**  
Duchesne County

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 893-0102

February 11, 2008



## EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 16 East</u> Section 6: ALL Section 7: ALL Section 8: W2 Section 17: NW Section 18: Lots 1, 2, NE, E2NW	UTU-74390 HBP	Newfield Production Company Yates Petroleum Corporation Yates Drilling Company Myco Industries, Inc. ABO Petroleum Corporation	(Surface Rights) USA
2	<u>Township 9 South, Range 16 East</u> Section 8: SW/4NE/4, SE/4 Section 9: SW/4SW/4 Section 17: NE/4 Section 18: Lots 3, 4, E/2SW/4, SE/4 Section 19: Lots 1, 2, NE/4, E/2NW/4 Section 21: N/2 Section 22: W/2NE/4, SE/4NE/4, NW/4	UTU-64379 HBP	Newfield Production Company Yates Petroleum Corporation	(Surface Rights) USA
3	<u>Township 9 South, Range 16 East</u> Section 17: S2 Section 20: N2	UTU-52018 HBP	Newfield Production Company	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
West Point Federal #7-18-9-16

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 Analyst

Sworn to and subscribed before me this 28<sup>th</sup> day of February, 2008.

Notary Public in and for the State of Colorado: 

My Commission Expires: 05/05/2009

A Hand mark E

# WEST POINT FED. 7-18-9-16

Spud Date: 05/22/07  
 Put on Production: 06/29/07  
 GL: 5902' KB: 5914'

Initial Production: BOPD,  
 MCFD, BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.52')  
 DEPTH LANDED: 318.37' 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: 136 jts. (5935.87')  
 DEPTH LANDED: 5949.12' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
 CEMENT TOP :41'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 181 jts (5638.01')  
 TUBING ANCHOR: 5652.81' KB  
 NO. OF JOINTS: 1 jts (31.67')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5684.48' KB  
 NO. OF JOINTS: 2 jts (63.26')  
 TOTAL STRING LENGTH: EOT @ 5749.29' KB

### SUCKER RODS

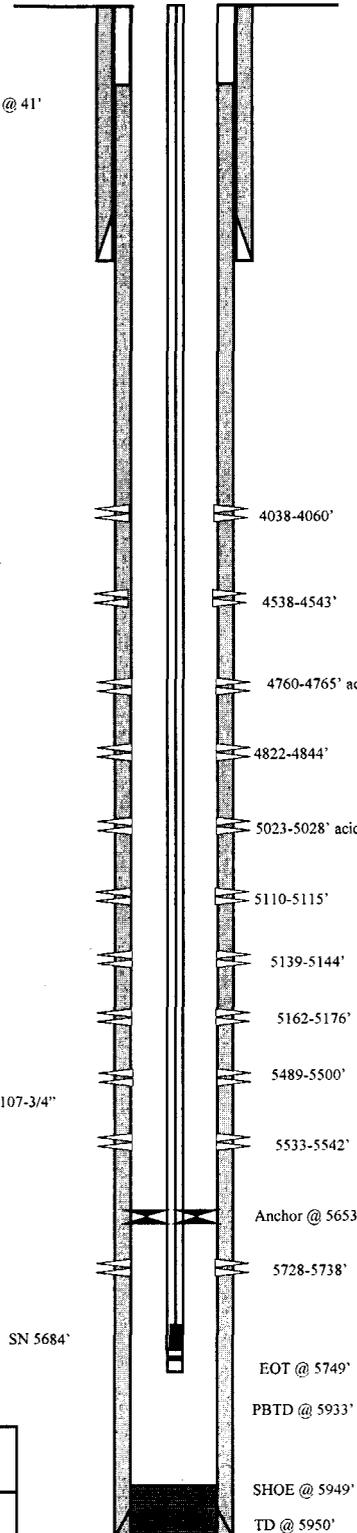
POLISHED ROD: 1-1/2" x 26' SM polished rods  
 SUCKER RODS: 1-2' & 1-6' x 3/4" pony rods, 98-3/4" guided rods, 107-3/4" plain rods, 20-3/4" guided rods, 6-1 1/2" weight rods.  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16" x 20" RHAC  
 STROKE LENGTH: 120"  
 PUMP SPEED: 5 SPM.

### FRAC JOB

06/21/07	5728-5738'	<b>Frac CP5 sands as follows:</b> 18787# 20/40 sand in 302 bbls Lightning 17 frac fluid. Treated @ avg press of 2145 psi w/avg rate of 24.7 BPM. ISIP 2180 psi. Calc flush: 5726 gal. Actual flush: 5250 gal.
06/21/07	5489-5542'	<b>Frac CP2 &amp; CPI sands as follows:</b> 79580# 20/40 sand in 611 bbls Lightning 17 frac fluid. Treated @ avg press of 2144 psi w/avg rate of 24.7 BPM. ISIP 2255 psi. Calc flush: 5531 gal. Actual flush: 4998 gal.
06/21/07	5110-5176'	<b>Frac LODC sands as follows:</b> 90131# 20/40 sand in 670 bbls Lightning 17 frac fluid. Treated @ avg press of 2615 psi w/avg rate of 24 BPM. ISIP 2629 psi. Calc flush: 5108 gal. Actual flush: 4662 gal.
06/21/07	5023-5028'	<b>Perf. A3 sands/Acid.</b> Spotted acid twice on perf's, perf's still won't break down.
06/21/07	4822-4844'	<b>Frac B2 sands as follows:</b> 125067# 20/40 sand in 861 bbls Lightning 17 frac fluid. Treated @ avg press of 1972 psi w/avg rate of 24.8 BPM. ISIP 2227 psi. Calc flush: 4820 gal. Actual flush: 4368 gal.
06/21/07	4760-4765'	<b>Perf. B.5 sands/Acid.</b> Spotted acid on perf's, perf's still won't break down.
06/22/07	4538-4543'	<b>Frac D1 sands as follows:</b> 15108# 20/40 sand in 239 bbls Lightning 17 frac fluid. Treated @ avg press of 2126 psi w/avg rate of 24.7 BPM. ISIP 1935 psi. Calc flush: 4536 gal. Actual flush: 4074 gal.
06/22/07	4038-4060'	<b>Frac GB4 sands as follows:</b> 88792# 20/40 sand in 618 bbls Lightning 17 frac fluid. Treated @ avg press of 1713 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 4036 gal. Actual flush: 4032 gal.

### PERFORATION RECORD

06/21/07	5728-5738'	4 JSPF	40 holes
06/21/07	5533-5542'	4 JSPF	36 holes
06/21/07	5489-5500'	4 JSPF	44 holes
06/21/07	5162-5176'	4 JSPF	56 holes
06/21/07	5139-5144'	4 JSPF	20 holes
06/21/07	5110-5115'	4 JSPF	20 holes
06/21/07	5023-5028'	4 JSPF	20 holes
06/21/07	4822-4844'	4 JSPF	88 holes
06/21/07	4760-4765'	4 JSPF	20 holes
06/22/07	4538-4543'	4 JSPF	20 holes
06/22/07	4038-4060'	4 JSPF	88 holes



**NEWFIELD**

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**WEST POINT FED. 7-18-9-16**

1962'FNL & 1941' FEL

SW/NE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32919; Lease # UTU-74390

Alan. E-1

# Nine Mile #15-7-9-16

Spud Date: 12/2/97  
 Put on Production: 1/14/98  
 GL: 5923' KB: 5935'

Initial Production: 66 BOPD,  
 76 MCFPD, 6 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (286')  
 DEPTH LANDED: 288'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Premium cmt, est 5 bbls to surf.

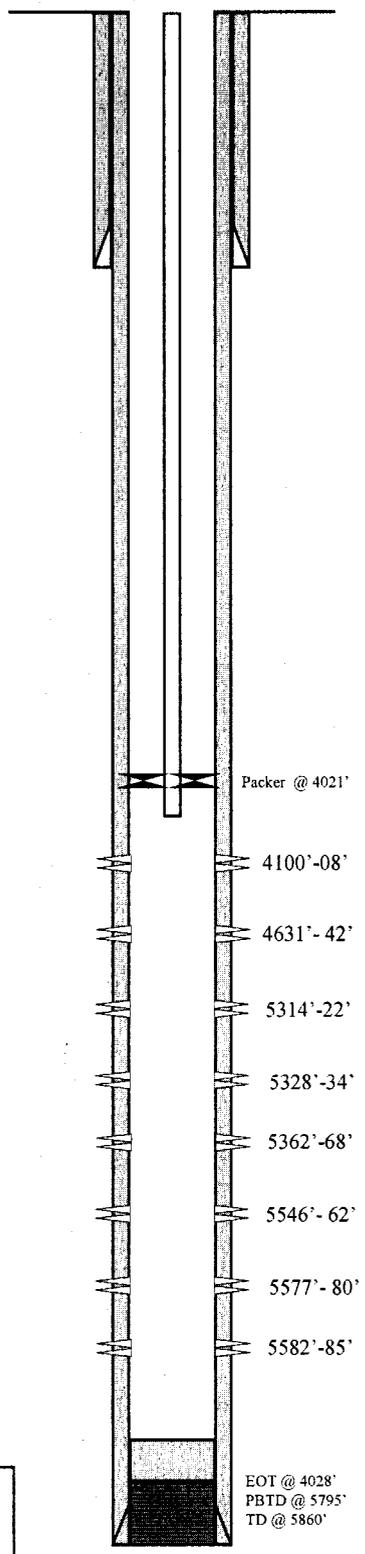
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts (5827')  
 DEPTH LANDED: 5839'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 350 sks Hibond mixed & 300 sks thixotropic  
 CEMENT TOP AT:

## TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 128 jts (4007.82')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4020.92' KB  
 TUBING ANCHOR: 4021.24'  
 TOTAL STRING LENGTH: EOT @ 4028.24'

Injection Wellbore  
 Diagram



## FRAC JOB

1/8/98 5546'-5585' Frac CP sand as follows:  
 104,400# of 20/40 sd in 525 bbls  
 Delta Frac. Treated @ avg rate 32.3 bpm,  
 avg press 1650 psi. Breakdown @ 2996  
 psi. ISIP-2900 psi, 5-min 2007 psi.  
 Flowback for 3 hrs & died.

1/10/98 4631'-4642' Frac D sand as follows: 104,400#  
 of 20/40 sd in 507 bbls Delta Frac.  
 Breakdown @ 2460 psi. Treated @ avg  
 rate of 26.4 BPM, avg press 2100 psi.  
 ISIP-2424 psi, 5-min 2262 psi. Flowback  
 on 12/64" ck for 4 hrs & died.

11/28/01 5362'-5368' Broke perfs with 3500 psi @ 1.75 bpm.  
 Injection rate of 2950 psi.

11/28/01 5314'-5334' Broke perfs with 1200 psi @ 1.75 bpm.  
 Injection rate of 1500 psi.

11/28/01 4100'-4108' Broke perfs with 2700 psi @ 1.75 bpm.  
 Injection rate of 1800 psi.

11/28/01 Open new perfs and convert to injection.

11/21/06 5 Year MIT completed on 11/15/06 and  
 submitted on 11/21/06.

## PERFORATION RECORD

Date	Interval	Tool	Holes
1/8/98	5546'-5562'	4 JSPF	24 holes
1/8/98	5577'-5580'	4 JSPF	12 holes
1/8/98	5582'-5585'	4 JSPF	12 holes
1/9/98	4631'-4642'	4 JSPF	44 holes
11/28/01	5362'-5368'	4 JSPF	24 holes
11/28/01	5328'-5334'	4 JSPF	24 holes
11/28/01	5314'-5322'	4 JSPF	32 holes
11/28/01	4100'-4108'	4 JSPF	32 holes

**NEWFIELD**

**Nine Mile #15-7-9-16**  
 701.2 FSL & 2074.8 FEL  
 SWSE Section 7-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31803; Lease #U-74390

EOT @ 4028'  
 PBSD @ 5795'  
 TD @ 5860'

A.H.M. E-2

# West Point 3-18-9-16

Spud Date: 12-15-06  
 Put on Production: 2/8/07  
 GL: 6054' KB: 6066'

Initial Production: BOPD,  
 MCFD, BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (310.06')  
 DEPTH LANDED: 321.91' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf

### PRODUCTION CASING

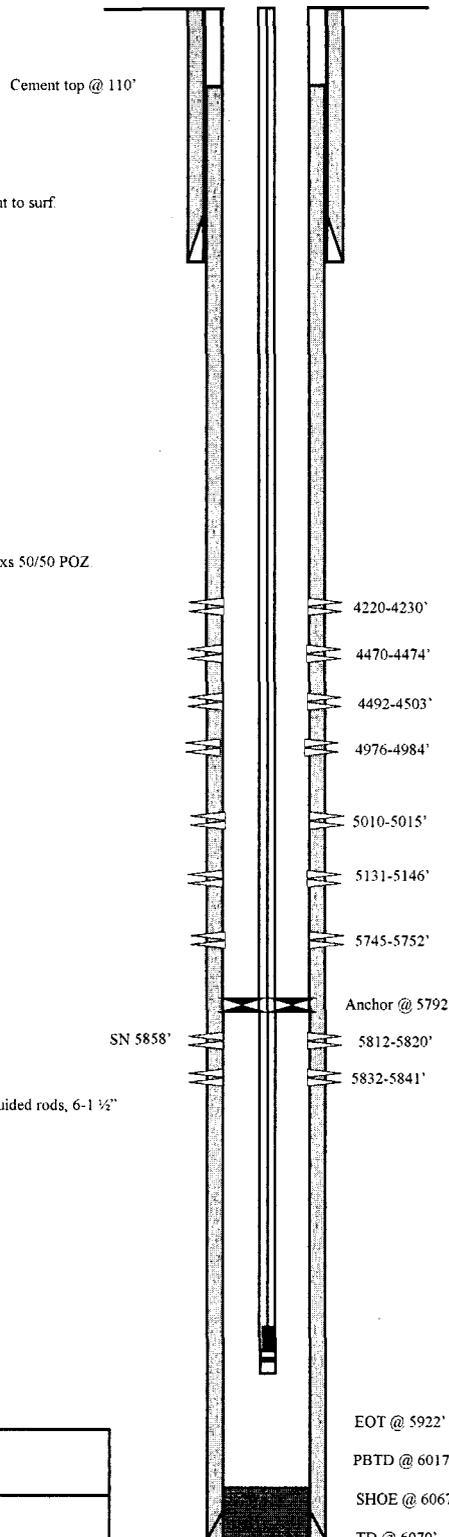
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts (6053.99')  
 DEPTH LANDED: 6067.24' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ  
 CEMENT TOP AT: 110'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 183 jts (5779.61')  
 TUBING ANCHOR: 5791.61'  
 NO. OF JOINTS: 2 jts (63.10')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5857.51'  
 NO. OF JOINTS: 2 jts (63.20')  
 TOTAL STRING LENGTH: EOT @ 5922.26'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 2', 6", 8", x 3/4" pony rods, 228-3/4" guided rods, 6-1 1/2" weight bars.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 10' x 14" RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM



### FRAC JOB

02-01-07	5745-5841'	<b>Frac CP4, &amp; CP3 sands as follows:</b> 39231# 20/40 sand in 396 bbls Lightning 17 frac fluid. Treated @ avg press of 2354 psi w/avg rate of 24.7 BPM. ISIP 1986 psi. Calc flush: 5743 gal. Actual flush: 5250 gal.
02-01-07	5131-5146'	<b>Frac A1 sands as follows:</b> 87269# 20/40 sand in 666 bbls Lightning 17 frac fluid. Treated @ avg press of 2631 psi w/avg rate of 24.8 BPM. ISIP 2192 psi. Calc flush: 5129 gal. Actual flush: 4662 gal.
02-01-07	4976-5015'	<b>Frac B1, &amp; B2 sands as follows:</b> 49371# 20/40 sand in 419 bbls Lightning 17 frac fluid. Treated @ avg press of 2122 psi w/avg rate of 24.7 BPM. ISIP 2068 psi. Calc flush: 4974 gal. Actual flush: 4452 gal.
02-01-07	4470-4503'	<b>Frac PB10, &amp; PB11 sands as follows:</b> 79312# 20/40 sand in 586 bbls Lightning 17 frac fluid. Treated @ avg press of 2401 w/avg rate of 24.8 BPM. ISIP 2342 psi. Calc flush: 4468 gal. Actual flush: 3948 gal.
02-01-07	4220-4230'	<b>Frac GB4 sands as follows:</b> 50606# 20/40 sand in 418 bbls Lightning 17 frac fluid. Treated @ avg press of 1930 w/avg rate of 24.7 BPM. ISIP 2342 psi. Calc flush: 4218 gal. Actual flush: 4116 gal.
8/8/07		Parted rods Updated rod & tubing details

### PERFORATION RECORD

01-19-07	5832-5841'	4 JSPF	36 holes
01-19-07	5812-5820'	4 JSPF	32 holes
01-19-07	5745-5752'	4 JSPF	28 holes
02-01-07	5131-5146'	4 JSPF	60 holes
02-01-07	5010-5015'	4 JSPF	20 holes
02-01-07	4976-4984'	4 JSPF	32 holes
02-01-07	4492-4503'	4 JSPF	44 holes
02-01-07	4470-4474'	4 JSPF	16 holes
02-01-07	4220-4230'	4 JSPF	40 holes

**NEWFIELD**

**West Point 3-18-9-16**

888' FNL & 1562' FWL  
 NE/NW Section 18-T9S-R16E  
 Duchesne Co, Utah  
 API # 43-013-32794; Lease # UTU-74390

# Monument Federal 31-18-9-16

Spud Date: 02/13/97  
 Put on Production: 3/17/97  
 GL: 5884' KB: 5895'

Initial Production: 50 BOPD,  
 58 MCFPD, 0 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts (249.75')  
 DEPTH LANDED: 260' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 185 sxs Class "G". Circulate 4 bbls. cement to surface.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 133 jts (5664.68')  
 DEPTH LANDED: 5675' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 250 sxs Prem Lite Plus. Tail w/ 570 sxs 50/50 poz. Circulate 15 bbls. cement to surface.

**TUBING**

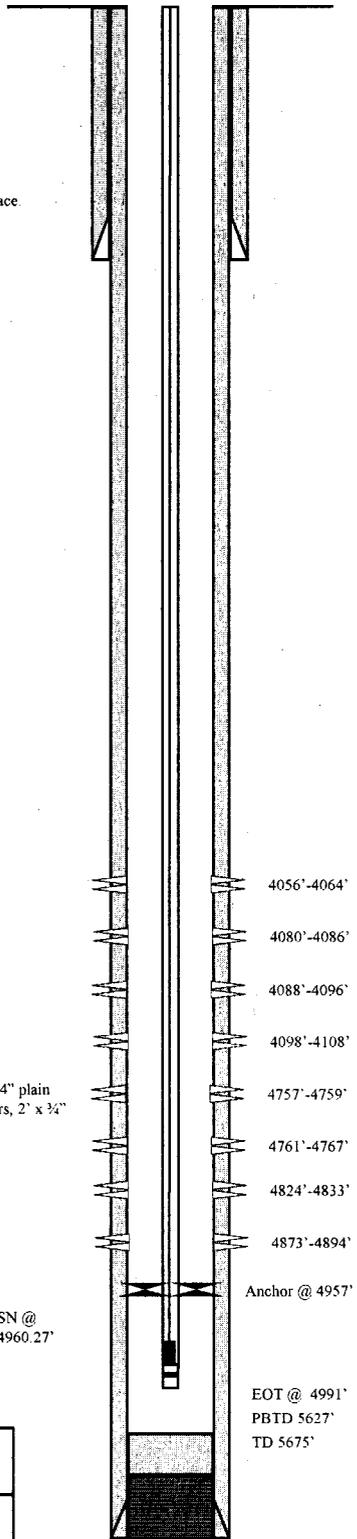
SIZE/GRADE/WT.: 2-7/8" / M-50  
 NO. OF JOINTS: 159 jts (4947.47')  
 TUBING ANCHOR: 4957.47'  
 SN LANDED AT: 4960.27'  
 NO. OF JOINTS: 1 jt (29.35')  
 TOTAL STRING LENGTH: EOT @ 4991.17'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' Polished Rod  
 SUCKER RODS: 4', 6', 6' x 3/4" pony rod, 90-3/4" guided rods, 83-3/4" plain rods, 18-3/4" guided rods, 2' x 3/4" guided pony rod, 6-1 1/2" weight bars, 2' x 3/4" guided pony rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12'x15' RHAC  
 STROKE LENGTH: 54"  
 STROKES/MINUTE: 4 SPM

**FRAC JOB**

3/03/97 4757'-4894' **Frac as follows:**  
 116,740# 16/30 sand in 839 bbl 2% KCl frac fluid. Average treating press 2300 psi @ 41 bpm. ISIP 2250 psi.  
 3/06/97 4056'-4108' **Frac as follows:**  
 110,110# 16/30 sand in 730 bbl 2% KCl frac fluid. Average treating press. 1950 psi @ 26.7 bpm. ISIP 2100 psi.  
 8/28/00 Pump change. Update rod and tubing details.  
 11/9/05 Pump change. Update rod and tubing details.  
 8/17/07 Pump change. Update rod & tubing detail.



**PERFORATION RECORD**

Date	Depth Range	Tool	Holes
3/01/96	4873'-4894'	2 JSPF	22 holes
3/01/96	4824'-4833'	2 JSPF	18 holes
3/01/96	4761'-4767'	2 JSPF	12 holes
3/01/96	4757'-4759'	2 JSPF	06 holes
3/05/96	4098'-4108'	4 JSPF	40 holes
3/05/96	4088'-4096'	4 JSPF	32 holes
3/05/96	4080'-4086'	4 JSPF	24 holes
3/05/96	4056'-4064'	4 JSPF	32 holes

**NEWFIELD**

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**Monument Federal 31-18-9-16**

648' FNL & 1992' FEL

NWNE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-31725; Lease #U-74390

Attn. E-4

# Monument Federal 41-18-9-16

Spud Date: 06/20/96  
 Put on Production: 7/19/96  
 Put on injection: 07/16/02  
 GL: 6019' KB: 6029' (10' KB)

Initial Production: ? BOPD, ?  
 MCFPD, ? BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 265'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" w/2% CaCl<sub>2</sub> + 1/4# /sx Cello Flake

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (5874')  
 DEPTH LANDED: 5884' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs super "G", Tail w/360 sxs 50/50 poz.

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 135 jts. (4189.20')  
 SN LANDED AT: 4199.20' KB  
 PACKER: 4203.50' KB  
 TOTAL STRING LENGTH: EOT @ 4207.50' KB

### FRAC JOB

7/02/96 5244'-5310' 42,168 gals 2% KCL wtr & 54,070 # 20/40 ss and 98,380 # 16/30 ss. Used 1004 bbbs wtr. Start forced closure flow back @ 1.0 bpm. Flowed back 450 bbbs wtr, 0 bbbs wtr, and trace of sand.

7/08/96 4737'-4965' 18,900 gals 2% KCL wtr & 50,000 # / 16/30 ss. No flow back.

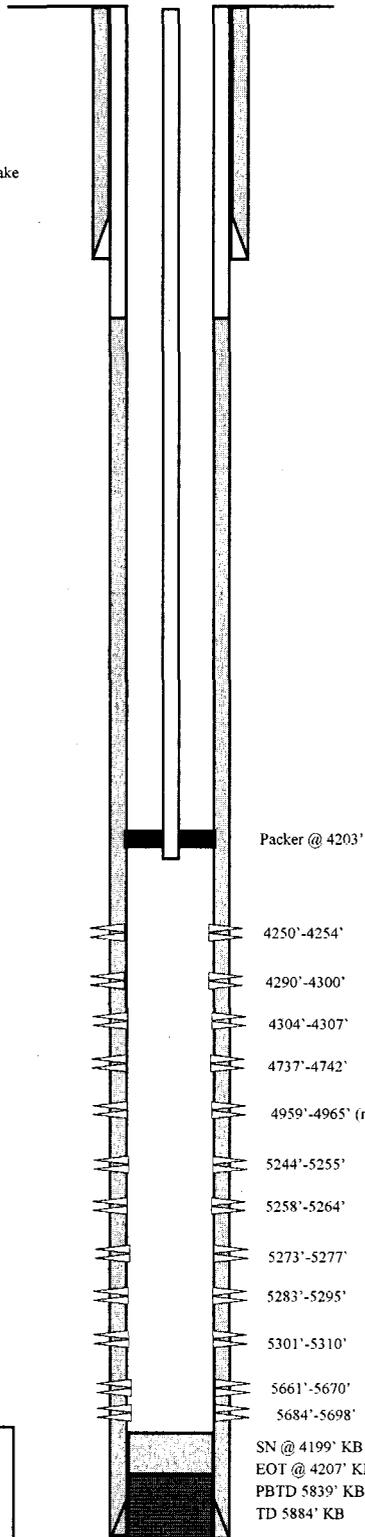
7/08/96 4250'-4307' 22,470 gals 2% KCL wtr and 78,230 # 16/30 mesh ss. 32.5 BPOM. Start forced closure flow back @ .5 bpm, flow back 15 BW.

8/6/01 Tubing job. Updated tubing & rod details.

7/16/02 Convert to injector.

11/07/06 Recompletion (new perfs)

11-03-06 5698'-5661' **Frac CPI and CP2 sand as follows:**  
 19,014# 20/40 sand in 209 bbbs lightning 17 frac fluid, treated w/ avg press of 3000psi @ avg rate of 14.6 BPM. ISIP @ 1970 psi. Calc flush 2507. Acutal flush 1373



### PERFORATION RECORD

Date	Interval	SPF	Holes
	4250'-4254'	4 SPF	16 holes
	4290'-4300'	4 SPF	40 holes
	4304'-4307'	4 SPF	12 holes
	4737'-4742'		7 holes
11/02/06	4959'-4965'		7 holes (reperf)
	5244'-5255'	2 SPF	22 holes
	5258'-5264'	2 SPF	12 holes
	5273'-5277'	2 SPF	8 holes
	5283'-5295'	2 SPF	24 holes
	5301'-5310'	2 SPF	18 holes
11/02/06	5661'-5670'	4 JSPF	36 holes
11/02/06	5684'-5698'	4 JSPF	56 holes

**NEWFIELD**

Monument Federal 41-18-9-16  
 497' FNL & 424' FEL  
 NENE Section 18-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-34646; Lease #U-74390

Hand. E-5

Spud Date: 03/10/97  
 Put on Production: 4/10/97  
 GL: 6064' KB: 6078'

# Monument Federal 42-18-9-16Y

Initial Production: 23.5 BOPD,  
 13.5 MCFPD, 1 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 261'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" + 2% CaCl<sub>2</sub> + 1/4#/sx Cello Flake

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 138 jts (5859')  
 DEPTH LANDED: 5869'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 145 sxs Prem Lite Plus + 10% gel .6#/sx BA-981 + 5% sod met + 2#/sx Kol seal + 1/4#/sx Cello Flake

**TUBING**

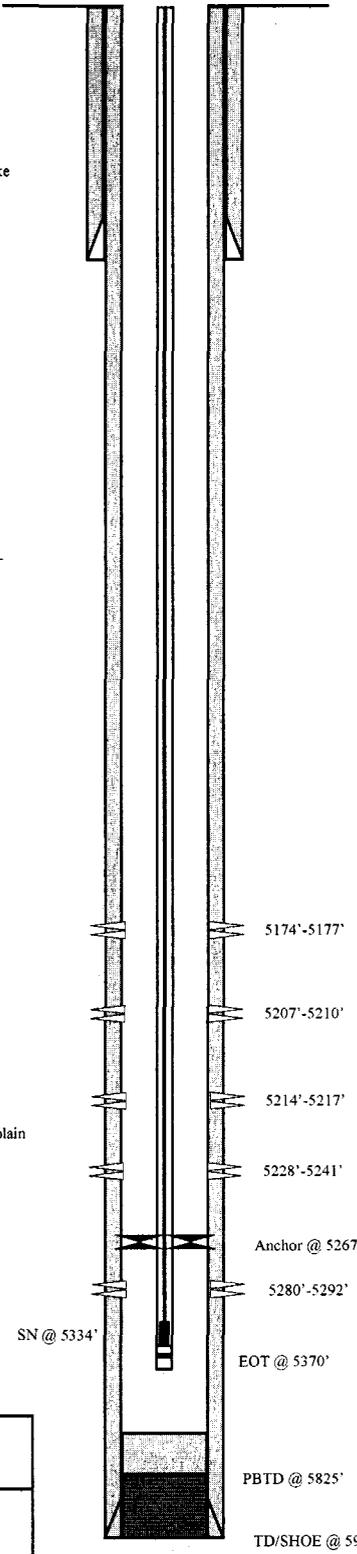
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 170 jts (5258.81')  
 TUBING ANCHOR: 5268.81'  
 NO. OF JOINTS: 2 jts (62.02')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5333.63' KB  
 NO. OF JOINTS: 1 Perf sub (4.0')  
 TOTAL STRING LENGTH: EOT @ 5370.19'

**ROD STRING**

POLISHED ROD: 1-1/4" x 22' SM  
 SUCKER RODS: 4-1 1/2" weight bars; 10-3/4" scraped rods; 153-3/4" plain rods, 50-3/4" scraped rods, 1-3/4" plain rods, 2-4", 1-6' x 3/4" pony rod.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 4  
 LOGS: DLL, CNL/LDT, CBL/GR

**FRAC JOB**

3/27/97 5174'-5292' Frac G3, G4 sands as follows:  
 30,600# 20/40 sand and 69,200# 16/30 sand in 719 bbl 2% KCL water. Avg. Treating pressure of 1850 psi @ 34.5 BPM, ISIP 1900 psi.  
 10/27/04 Tubing Leak. Update rod and tubing details.



**PERFORATION RECORD**

3/26/97	5280'-5292'	2 JSPF	06 holes
3/26/97	5228'-5241'	2 JSPF	06 holes
3/26/97	5214'-5217'	2 JSPF	06 holes
3/26/97	5207'-5210'	2 JSPF	26 holes
3/26/97	5174'-5177'	2 JSPF	24 holes

**NEWFIELD**

**Monument Federal 42-18-9-16Y**  
 2007 FNL & 388 FEL  
 SE/NE Sec. 18, T9S R16E  
 Duchesne, County  
 API# 43-013-31724; Lease# UTU-74390

A Hm. E-6

# FEDERAL 10-18-9-16

Spud Date: 05/18/07  
 Put on Production: 6/21/07  
 GL: 5921' KB: 5933'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (314.33')  
 DEPTH LANDED: 324.33' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (5900.07')  
 DEPTH LANDED: 5882.14' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

### TUBING

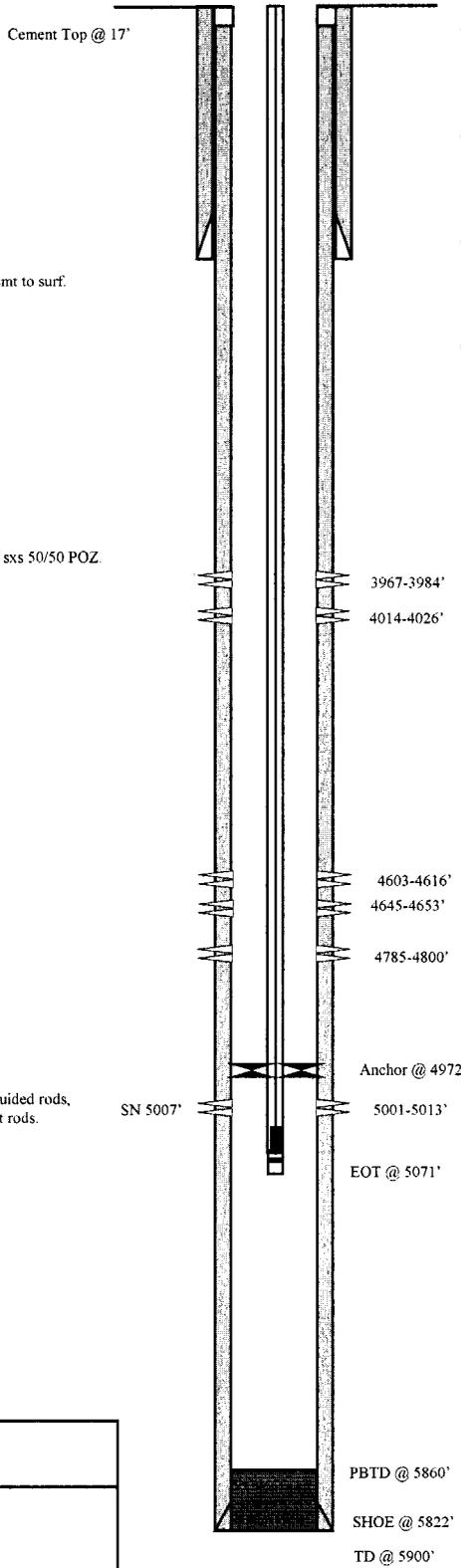
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 159 jts (4960.31')  
 TUBING ANCHOR: 4972.31' KB  
 NO. OF JOINTS: 1 jt (31.68')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5006.79' KB  
 NO. OF JOINTS: 2 jts (63.05')  
 TOTAL STRING LENGTH: EOT @ 5071.39' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods  
 SUCKER RODS: 1-4", 1-6" x 3/4" pony rods, 98-3/4" guided rods, 74-3/4" plain rods, 20-3/4" guided rods, 6-1 1/2" weight rods.  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 20' X 20' RHAC  
 STROKE LENGTH: 102"  
 PUMP SPEED: 5 SPM

### FRAC JOB

06/18/07	5001-5013'	<b>Frac A3 sands as follows:</b> 50726# 20/40 sand in 445 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 3789 psi. Calc flush: 4999 gal. Actual flush: 4536 gal.
06/18/07	4785-4800'	<b>Frac B2 sands as follows:</b> 70146# 20/40 sand in 555 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 2160 psi. Calc flush: 4783 gal. Actual flush: 4326 gal.
06/18/07	4603-4653'	<b>Frac D3&amp;C sands as follows:</b> 46884# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 2165 psi. Calc flush: 4601 gal. Actual flush: 4116 gal.
06/18/07	3967-4026'	<b>Frac GB4&amp;6 sands as follows:</b> 106590# 20/40 sand in 762 bbls Lightning 17 frac fluid. Treated @ avg press of 1767 psi w/avg rate of 24.8 BPM. ISIP 1980 psi. Calc flush: 3965 gal. Actual flush: 3864 gal.



### PERFORATION RECORD

06/12/07	5001-5013'	4 JSPF	48 holes
06/18/07	4785-4800'	4 JSPF	60 holes
06/18/07	4645-4653'	4 JSPF	32 holes
06/18/07	4603-4616'	4 JSPF	52 holes
06/18/07	4014-4026'	4 JSPF	48 holes
06/18/07	3967-3984'	4 JSPF	68 holes

**NEWFIELD**

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**FEDERAL 10-18-9-16**

1988' FSL & 1938' FEL

NW/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32921; Lease # UTU-64379

A Hand. E-7

# FEDERAL 14-18-9-16

Spud Date: 09/17/07  
Put on Production: 10/26/07

Initial Production: BOPD,  
MCFD, BWPD

GL: 6117' KB: 6129'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (309.62')  
DEPTH LANDED: 321.47' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 7 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 155 jts (5943.54')  
DEPTH LANDED: 5956.79' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 169 jts (5256.41')  
TUBING ANCHOR: 5268.41' KB  
NO. OF JOINTS: 2 jts (60.79')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5332.00' KB  
NO. OF JOINTS: 2 jts (61.57')  
TOTAL STRING LENGTH: EOT @ 5395.12' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods  
SUCKER RODS: 1-2", 6", & 8" x 3/4" pony rods, 99-3/4" scarpered rods, 82-3/4" plain rods, 20-3/4" scarpered rods, 6-1 1/2" weight rods.  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 10' x 14" RHAC  
STROKE LENGTH: 102"  
PUMP SPEED, 5 SPM:

### FRAC JOB

10/17/07 5308-5330' **Frac LODC sands as follows:**  
100563# 20/40 sand in 746 bbls Lightning 17 frac fluid. Treated @ avg press of 1698 psi w/avg rate of 23 BPM. ISIP 2105 psi. Calc flush: 5306 gal. Actual flush: 4796 gal.

10/17/07 5146-5155' **Frac A3 sands as follows:**  
60790# 20/40 sand in 549 bbl Lightning 17 frac fluid. Treated @ avg press of 2146 psi w/avg rate of 23 BPM. ISIP 2344 psi. Calc flush: 5144 gal. Actual flush: 2344 gal.

10/17/07 4878-4941' **Frac B2 & B.5 sands as follows:**  
24732# 20/40 sand in 353 bbls Lightning 17 frac fluid. Treated @ avg press of 2039 psi w/avg rate of 23 BPM. ISIP 1949 psi. Calc flush: 4876 gal. Actual flush: 4389 gal.

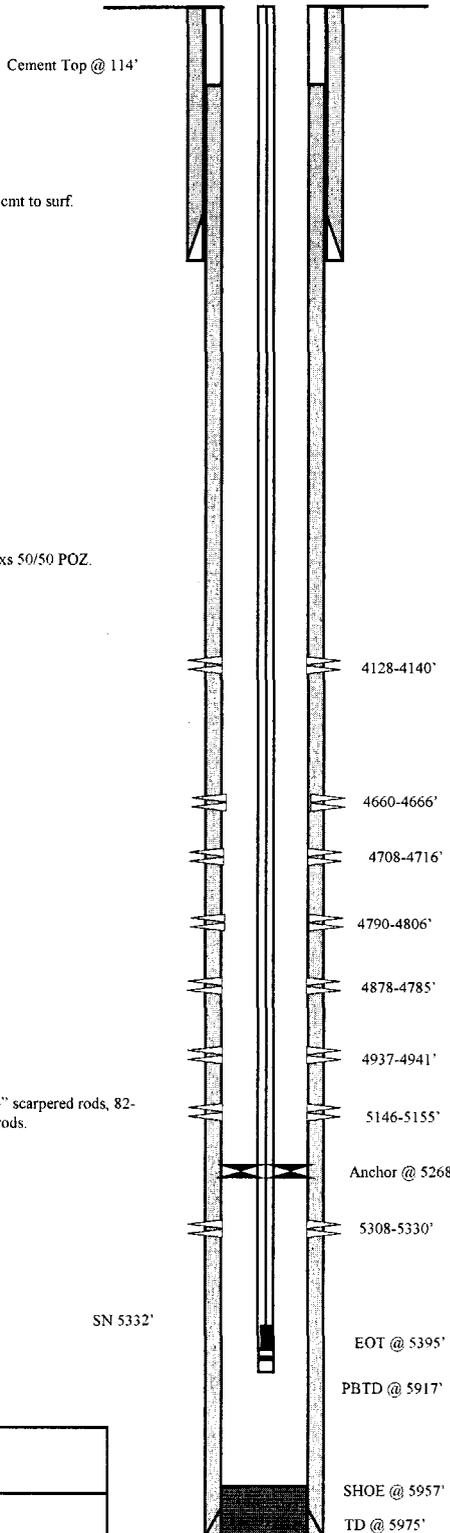
10/17/07 4790-4806' **Frac C sands as follows:**  
95455# 20/40 sand in 728 bbls Lightning 17 frac fluid. Treated @ avg press of 1858 psi w/avg rate of 23 BPM. ISIP 1858 psi. Calc flush: 4788 gal. Actual flush: 4305 gal.

10/17/07 4660-4716' **Frac D1 & D2 sands as follows:**  
70174# 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg press of 2111 psi w/avg rate of 23 BPM. ISIP 2427 psi. Calc flush: 4658 gal. Actual flush: 4154 gal.

10/17/07 4128-4140' **Frac GB4 sands as follows:**  
88281# 20/40 sand in 658 bbls Lightning 17 frac fluid. Treated @ avg press of 1695 psi w/avg rate of 23 BPM. ISIP 1814 psi. Calc flush: 4126 gal. Actual flush: 4032 gal.

### PERFORATION RECORD

10/15/07	5308-5330'	4 JSPF	88 holes
10/17/07	5146-5155'	4 JSPF	36 holes
10/17/07	4937-4941'	4 JSPF	16 holes
10/17/07	4878-4785'	4 JSPF	28 holes
10/17/07	4790-4806'	4 JSPF	64 holes
10/17/07	4708-4716'	4 JSPF	32 holes
10/17/07	4660-4666'	4 JSPF	24 holes
10/17/07	4128-4140'	4 JSPF	48 holes



**NEWFIELD**

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**FEDERAL 14-18-9-16**

1040' FSL & 2047' FWL  
SE/SW Section 18-T9S-R16E  
Duchesne Co, Utah  
API #43-013-33000; Lease # UTU-64379

Attachment F  
1 of 3

West Coast Region  
5125 Boylan Street  
Bakersfield, CA 83308  
(661) 325-4138  
Lab Team Leader - Sheila Hernandez  
(432) 495-7240

## Water Analysis Report by Baker Petrolite

Company:	NEWFIELD EXPLORATION	Sales RDT:	31706
Region:	WESTERN REGION	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	43424
Lease/Platform:	WEST POINT UNIT	Analysis ID #:	79301
Entity (or well #):	7-18-9-16	Analysis Cost:	\$80.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary		Analysis of Sample 43424 @ 75 °F					
Sampling Date:	02/15/08	<b>Anions</b>	mg/l	meq/l	<b>Cations</b>	mg/l	meq/l
Analysis Date:	02/22/08	<b>Chloride:</b>	3976.0	112.15	<b>Sodium:</b>	3069.8	133.53
Analyst:	LISA HAMILTON	<b>Bicarbonate:</b>	1336.0	21.9	<b>Magnesium:</b>	2.0	0.16
TDS (mg/l or g/m3):	8424.9	<b>Carbonate:</b>	0.0	0.	<b>Calcium:</b>	4.0	0.2
Density (g/cm3, tonne/m3):	1.006	<b>Sulfate:</b>	16.0	0.33	<b>Strontium:</b>	1.0	0.02
Anion/Cation Ratio:	1	Phosphate:			<b>Barium:</b>	5.0	0.07
Carbon Dioxide:		Borate:			<b>Iron:</b>	0.1	0.
Oxygen:		Silicate:			Potassium:	15.0	0.38
Comments:		Hydrogen Sulfide:			Aluminum:		
		pH at time of sampling:			Chromium:		
		pH at time of analysis:		6.82	Copper:		
		pH used in Calculation:		6.82	Lead:		
					Manganese:	0.0	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO3		Gypsum CaSO4*2H2O		Anhydrite CaSO4		Celestite SrSO4		Barite BaSO4		CO2 Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	0	-1.34	0.00	-4.21	0.00	-4.28	0.00	-3.04	0.00	0.76	2.43	2.42
100	0	-1.21	0.00	-4.22	0.00	-4.23	0.00	-3.03	0.00	0.61	2.09	3.15
120	0	-1.08	0.00	-4.23	0.00	-4.15	0.00	-3.00	0.00	0.48	1.74	3.95
140	0	-0.93	0.00	-4.23	0.00	-4.06	0.00	-2.97	0.00	0.38	1.74	4.78

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.  
 Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.  
 Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

A Howard F  
2 of 3

West Coast Region  
5125 Boylan Street  
Bakersfield, CA 83308  
(661) 325-4138  
Lab Team Leader - Sheila Hernandez  
(432) 495-7240

## Water Analysis Report by Baker Petrolite

Company:	NEWFIELD EXPLORATION	Sales RDT:	31706
Region:	WESTERN REGION	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	409372
Lease/Platform:	MONUMENT BUTTE FEDERAL	Analysis ID #:	78567
Entity (or well #):	INJECTION SYSTEM	Analysis Cost:	\$80.00
Formation:	UNKNOWN		
Sample Point:	TRIPLEX SUCTION		

Summary		Analysis of Sample 409372 @ 75 °F					
Sampling Date:	01/21/08	<b>Anions</b>	mg/l	meq/l	<b>Cations</b>	mg/l	meq/l
Analysis Date:	01/25/08	<b>Chloride:</b>	<b>1529.0</b>	<b>43.13</b>	<b>Sodium:</b>	<b>1199.3</b>	<b>52.17</b>
Analyst:	STACEY SMITH	<b>Bicarbonate:</b>	<b>577.0</b>	<b>9.46</b>	<b>Magnesium:</b>	<b>18.0</b>	<b>1.48</b>
TDS (mg/l or g/m3):	3497	<b>Carbonate:</b>	<b>34.0</b>	<b>1.13</b>	<b>Calcium:</b>	<b>34.0</b>	<b>1.7</b>
Density (g/cm3, tonne/m3):	1.002	<b>Sulfate:</b>	<b>92.0</b>	<b>1.92</b>	<b>Strontium:</b>	<b>2.0</b>	<b>0.05</b>
Anion/Cation Ratio:	1.0000003	Phosphate:			<b>Barium:</b>	<b>5.0</b>	<b>0.07</b>
Carbon Dioxide:		Borate:			<b>Iron:</b>	<b>0.1</b>	<b>0.</b>
Oxygen:		Silicate:			Potassium:	<b>6.5</b>	<b>0.17</b>
Comments:		Hydrogen Sulfide:			Aluminum:		
		pH at time of sampling:			Chromium:		
		pH at time of analysis:		<b>8.48</b>	Copper:		
		<b>pH used in Calculation:</b>		<b>8.48</b>	Lead:		
					Manganese:	<b>0.050</b>	<b>0.</b>
					Nickel:		

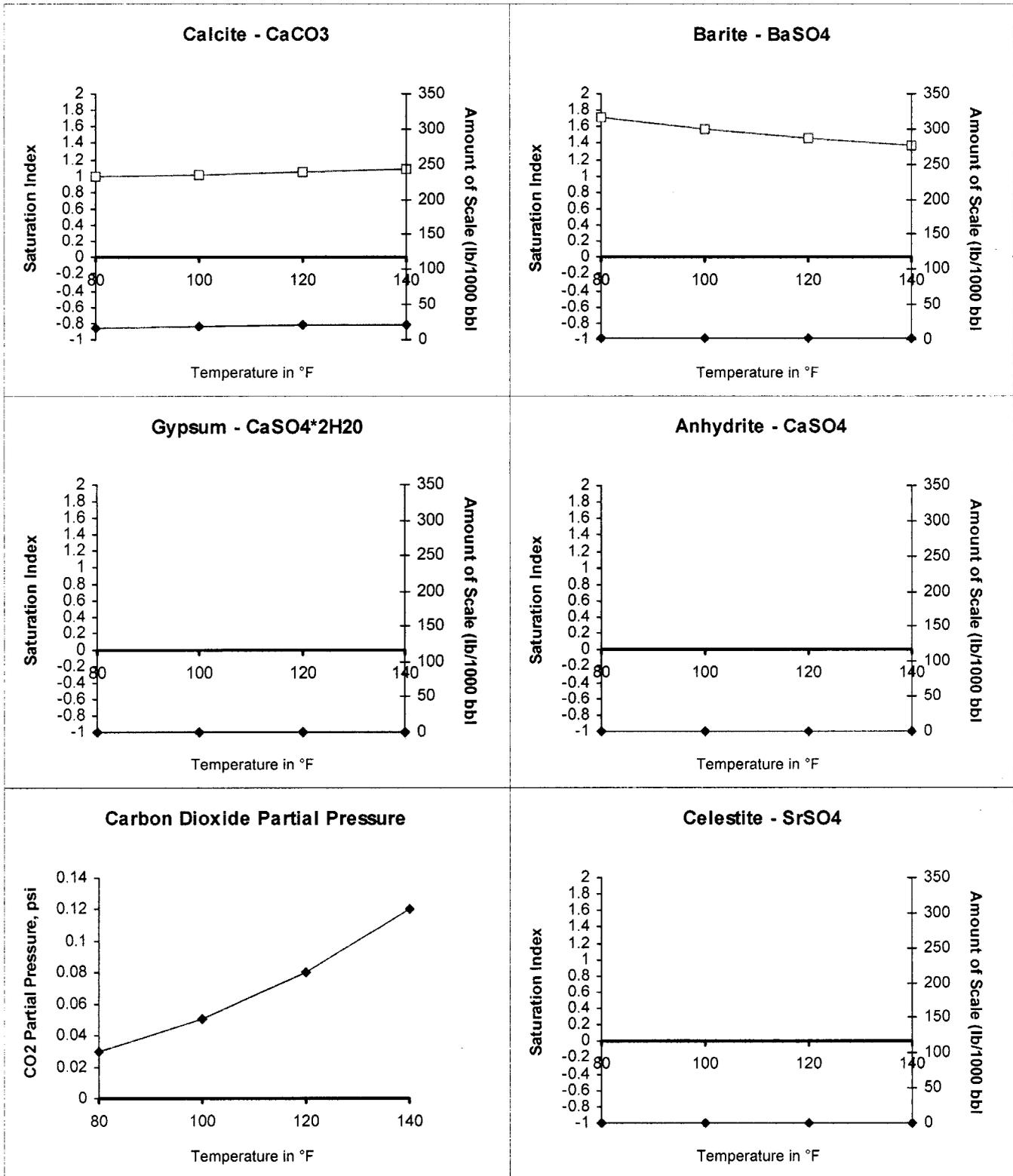
Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
°F	psi											psi
80	0	1.00	17.46	-2.30	0.00	-2.37	0.00	-1.78	0.00	1.71	2.79	0.03
100	0	1.02	18.86	-2.31	0.00	-2.31	0.00	-1.76	0.00	1.57	2.79	0.05
120	0	1.05	20.26	-2.30	0.00	-2.23	0.00	-1.73	0.00	1.46	2.79	0.08
140	0	1.08	21.66	-2.29	0.00	-2.12	0.00	-1.69	0.00	1.37	2.79	0.12

- Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.
- Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.
- Note 3: The reported CO<sub>2</sub> pressure is actually the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.

A Handout F  
3 of 3

## Scale Predictions from Baker Petrolite

Analysis of Sample 409372 @ 75 °F for NEWFIELD EXPLORATION, 01/25/08



**Attachment "G"**

**West Point Federal 7-18-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5728	5738	5733	2180	0.81	2143
5489	5542	5516	2255	0.84	2219
5110	5176	5143	2629	0.95	2596
4822	4844	4833	2227	0.89	2196
4538	4543	4541	1935	0.86	1906 ←
4038	4060	4049	2050	0.94	2024
					<u>1906</u>
					<b>Minimum</b>

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

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

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

# NEWFIELD



Attachment 4-1

1 of 7

## DAILY COMPLETION REPORT

WELL NAME: Federal 7-18-9-16 Report Date: 20-Jun-07 Day: 1  
 Operation: Completion Rig: Rigless

### WELL STATUS

Surf Csg: 8 5/8' @ 318' Prod Csg: 5 1/2" @ 5949' Csg PBDT: 5881' WL  
 Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_ Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_ BP/Sand PBDT: \_\_\_\_\_

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	CP5 sds	5728-5738'	4/40
_____	_____	_____	_____	_____	_____

### CHRONOLOGICAL OPERATIONS

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

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5881' & cement top @ 41'. Perforate stage #1. CP5 sds @ 5728-5738' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 141 BWTR. SIFN.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 141 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 0 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 141 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

### STIMULATION DETAIL

Base Fluid used: \_\_\_\_\_ Job Type: \_\_\_\_\_

Company: \_\_\_\_\_

Procedure or Equipment detail:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### COSTS

Weatherford BOP	\$450
NPC NU crew	\$300
NDSI trucking	\$800
Perforators LLC	\$5,753
Drilling cost	\$285,860
Zubiate hot oil	\$420
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$1,200
Admin. Overhead	\$3,000
NPC Supervisor	\$300

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_

Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_

ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ 15 min: \_\_\_\_\_

Completion Supervisor: Orson Barney

DAILY COST: \$299,883

TOTAL WELL COST: \$299,883

# NEWFIELD



A Hum. 9-1  
2 of 7

## DAILY COMPLETION REPORT

**WELL NAME:** Federal 7-18-9-16      **Report Date:** 22-Jun-07      **Day:** 2a  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8 5/8' @ 318'      **Prod Csg:** 5 1/2" @ 5949'      **Csg PBTD:** 5881' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** \_\_\_\_\_

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			<b>CP5 sds</b>	<b>5728-5738'</b>	<b>4/40</b>

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 21-Jun-07      **SITP:** \_\_\_\_\_      **SICP:** 0

Day2a.

RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 down casing w/ 18,787#'s of 20/40 sand in 302 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 4002 psi. Treated @ ave pressure of 2145 @ ave rate of 24.7 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2180. 443 bbls EWTR. Leave pressure on well. **See day2b.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 141      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 302      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 443      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_      **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** CP5 sds down casing  
378 gals to cross link  
1974 gals of pad  
1511 gals w/ 1-4 ppg of 20/40 sand  
1974 gals w/ 4-6.5 ppg of 20/40 sand  
504 gals of 15% HCL acid  
Flush w/ 5250 gals of slick water

### COSTS

Weatherford Services	\$1,000
C-D trkg frac water	\$350
NPC fuel gas	\$70
BJ Services CP5 sds	\$18,563
NPC Supervisor	\$300

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

**Max TP:** 2553      **Max Rate:** 24.7      **Total fluid pmpd:** 302 bbls  
**Avg TP:** 2145      **Avg Rate:** 24.7      **Total Prop pmpd:** 18,787#'s  
**ISIP:** 2180      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .81

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$20,283  
**TOTAL WELL COST:** \$320,166

# NEWFIELD



A.H.M. 4-1  
3, 4, 7

## DAILY COMPLETION REPORT

**WELL NAME:** Federal 7-18-9-16      **Report Date:** 22-Jun-07      **Day:** 2b  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8 5/8' @ 318'      **Prod Csg:** 5 1/2" @ 5949'      **Csg PBTD:** 5881' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 5640'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP1 sds	5489-5500'	4/44
			CP2 sds	5533-5542'	4/36
			CP5 sds	5728-5738'	4/40

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 21-Jun-07      **SITP:** \_\_\_\_\_      **SICP:** 935

Day2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" solid (6K) composite frac plug & 9', 11' perf guns. Set plug @ 5640'. Perforate CP2 sds @ 5533-42' & CP1 sds @ 5489-5500' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120° ) w/ 4 spf for total of 80 shots. RU BJ & perfs won't break down. RIH & spot 8 gals of 15% HCL acid on perfs. RU BJ & frac stage #2 w/ 79,580#'s of 20/40 sand in 611 bbls of Lightning 17 frac fluid. Open well w/ 935 psi on casing. Perfs broke down @ 2517 psi. Treated @ ave pressure of 2144 @ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2255. 1054 bbls EWTR. Leave pressure on well. **See day2c.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 443      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 611      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1054      **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:** CP2 & CP1 sds down casing

### COSTS

Weatherford Services	\$2,300
C-D trkg frac water	\$1,570
NPC fuel gas	\$310
BJ Services CP sds	\$16,331
Perforators CP2&1 sds	\$5,000

- 5964 gals of pad
- 4000 gals w/ 1-5 ppg of 20/40 sand
- 8000 gals w/ 5-8 ppg of 20/40 sand
- 2196 gals w/ 8 ppg of 20/40 sand
- 504 gals of 15% HCL acid
- Flush w/ 4998 gals of slick water

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

**Max TP:** 2750      **Max Rate:** 24.7      **Total fluid pmpd:** 611 bbls  
**Avg TP:** 2144      **Avg Rate:** 24.7      **Total Prop pmpd:** 79,580#'s  
**ISIP:** 2255      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .84

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$25,511  
**TOTAL WELL COST:** \$345,677

# NEWFIELD



A Hand. 4-1  
4 of 7

## DAILY COMPLETION REPORT

**WELL NAME:** Federal 7-18-9-16      **Report Date:** 22-Jun-07      **Day:** 2c  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8 5/8' @ 318'      **Prod Csg:** 5 1/2" @ 5949'      **Csg PBTD:** 5881' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 5280'  
plug 5640'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5139-5144'	4/20
			LODC sds	5162-5176'	4/56
			CP1 sds	5489-5500'	4/44
			CP2 sds	5533-5542'	4/36
			CP5 sds	5728-5738'	4/40
LODC sds	5110-5115'	4/20			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 21-Jun-07      **SITP:** \_\_\_\_\_      **SICP:** 68

Day2c.

RU WLT. RIH w/ solid frac plug & 14' perf gun. Set plug @ 5280'. Perforate LODC sds @ 5162-76', 5139-44', 5110-15' w/ 4 spf for total of 96 shots. RU BJ & frac stage #3 w/ 90,131#'s of 20/40 sand in 670 bbls of Lightning 17 frac fluid. Open well w/ 68 psi on casing. Perfs broke down @ 2097 psi. Treated @ ave pressure of 2615 @ ave rate of 27 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2629. 1724 bbls EWTR. Leave pressure on well. **See day2d.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1054      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 670      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1724      **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 down casing

- \_\_\_\_\_ 6762 gals of pad
- \_\_\_\_\_ 4625 gals w/ 1-5 ppg of 20/40 sand
- \_\_\_\_\_ 9250 gals w/ 5-8 ppg of 20/40 sand
- \_\_\_\_\_ 2337 gals w/ 8 ppg of 20/40 sand
- \_\_\_\_\_ 504 gals of 15% HCL acid
- \_\_\_\_\_ Flush w/ 4662 gals of slick water

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

**Max TP:** 2978      **Max Rate:** 31.2      **Total fluid pmpd:** 670 bbls  
**Avg TP:** 2615      **Avg Rate:** 27      **Total Prop pmpd:** 90,131#'s  
**ISIP:** 2629      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .95

**Completion Supervisor:** Ron Shuck

### COSTS

Weatherford Services	\$2,300
C-D trkg frac water	\$1,740
NPC fuel gas	\$340
BJ Services LODCsds	\$18,360
Perforators LODC sds	\$5,000

**DAILY COST:** \$27,740

**TOTAL WELL COST:** \$373,417

# NEWFIELD



Attn. G-1  
5 of 7

## DAILY COMPLETION REPORT

**WELL NAME:** Federal 7-18-9-16      **Report Date:** 22-Jun-07      **Day:** 2d  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8 5/8' @ 318'      **Prod Csg:** 5 1/2" @ 5949'      **Csg PBTD:** 5881' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4785'  
plug 5640' 5280' 5060' 4950'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5139-5144'	4/20
			LODC sds	5162-5176'	4/56
B.5 sds	4760-4765'	4/20	CP1 sds	5489-5500'	4/44
B2 sds	4822-4844'	4/88	CP2 sds	5533-5542'	4/36
A3 sds acid	5023-5028'	4/20 no frac	CP5 sds	5728-5738'	4/40
LODC sds	5110-5115'	4/20			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 21-Jun-07      **SITP:** \_\_\_\_\_      **SICP:** 60

Day2d.

RU WLT. RIH w/ solid frac plug & 5' perf gun. Set plug @ 5060'. Perforate A3 sds @ 5023-28' w/ 4 spf for total of 20 shots. Spotted acid twice on perfs & still won't break down. Decision made to leave stage #4 behind. RU WLT. RIH w/ solid frac plug & 22' perf gun. Set plug @ 4950'. Perforate B2 sds @ 4822-44'. RU BJ & frac stage #5 w/ 125,067#'s of 20/40 sand in 861 bbls of Lightning 17 frac fluid. Open well w/ 60 psi on casing. Perfs broke down @ 2625 psi. Treated @ ave pressure of 1972 @ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2227. 2585 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ solid frac plug & 5' perf gun. Set plug @ 4785'. Perforate B.5 sds @ 4760-65' w/ 4 spf for total of 20 shots. SIFN.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1724      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 861      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2585      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_      **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

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

**Procedure or Equipment detail:** B2 sds down casing

Left Stage #4 A3 sds without a frac

9366 gals of pad

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

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

2983 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4368 gals of slick water

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

**Max TP:** 2218      **Max Rate:** 24.8      **Total fluid pmpd:** 861 bbls

**Avg TP:** 1972      **Avg Rate:** 24.8      **Total Prop pmpd:** 125,067#'s

**ISIP:** 2227      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .89

**Completion Supervisor:** Ron Shuck

### COSTS

Weatherford Services	\$4,600
C-D trkg frac water	\$2,700
NPC fuel gas	\$550
BJ Services B2 sds	\$25,065
Perforators B2 sds	\$5,000

**DAILY COST:** \$37,915

**TOTAL WELL COST:** \$411,332



# NEWFIELD



A Hnd. 4-1  
7 of 7

## DAILY COMPLETION REPORT

**WELL NAME:** Federal 7-18-9-16      **Report Date:** 23-Jun-07      **Day:** 3b  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8 5/8' @ 318'      **Prod Csg:** 5 1/2" @ 5949'      **Csg PBTD:** 5881' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4170'  
plug 5640' 5280' 5060' 4950' 4785' 4643'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4038-4060'	4/88	LODC sds	5139-5144'	4/20
D1 sds	4538-4543'	4/20	LODC sds	5162-5176'	4/56
B.5 sds acid	4760-4765'	4/20 no frac	CP1 sds	5489-5500'	4/44
B2 sds	4822-4844'	4/88	CP2 sds	5533-5542'	4/36
A3 sds acid	5023-5028'	4/20 no frac	CP5 sds	5728-5738'	4/40
LODC sds	5110-5115'	4/20			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 22-Jun-07      **SITP:** \_\_\_\_\_ **SICP:** 60

Day3b.

RU WLT. RIH w/ flow through frac plug & 22' perf gun. Set plug @ 4170'. Perforate GB4 sds @ 4038-60' w/ 4 spf for total of 88 shots. RU BJ & frac stage #8 w/ 88,792#'s of 20/40 sand in 618 bbls of Lightning 17 frac fluid. Open well w/ 1613 psi on casing. Perfs broke down @ 3315 psi. Treated @ ave pressure of 1713 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 2050. 3442 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3 hours & died w/ 200 bbls rec'd. SIFN.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 3442      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 200      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 3242      **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:** GB4 sds down casing

6384 gals of pad  
4319 gals w/ 1-5 ppg of 20/40 sand  
8622 gals w/ 5-8 ppg of 20/40 sand  
2599 gals w/ 8 ppg of 20/40 sand  
Flush w/ 4032 gals of slick water

### COSTS

Weatherford Services	\$2,300
C-D trkg frac water	\$1,660
NPC fuel gas	\$330
BJ Services GB4 sds	\$43,435
Perforators GB4 sds	\$6,000
C-D trkg water transfer	\$700

**Max TP:** 1946      **Max Rate:** 24.8      **Total fluid pmpd:** 618 bbls  
**Avg TP:** 1731      **Avg Rate:** 24.8      **Total Prop pmpd:** 88,792#'s  
**ISIP:** 2050      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .94

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$54,425  
**TOTAL WELL COST:** \$497,114

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3943'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. Plug #3 Pump 43 sx Class G Cement down 5 -1/2" casing to 368'

The approximate cost to plug and abandon this well is \$35,401.

A Hadhamat H-1

# WEST POINT FED. 7-18-9-16

Spud Date: 05/22/07  
Put on Production: 06/29/07  
GL: 5902' KB: 5914'

Initial Production: BOPD,  
MCFD, BWPD

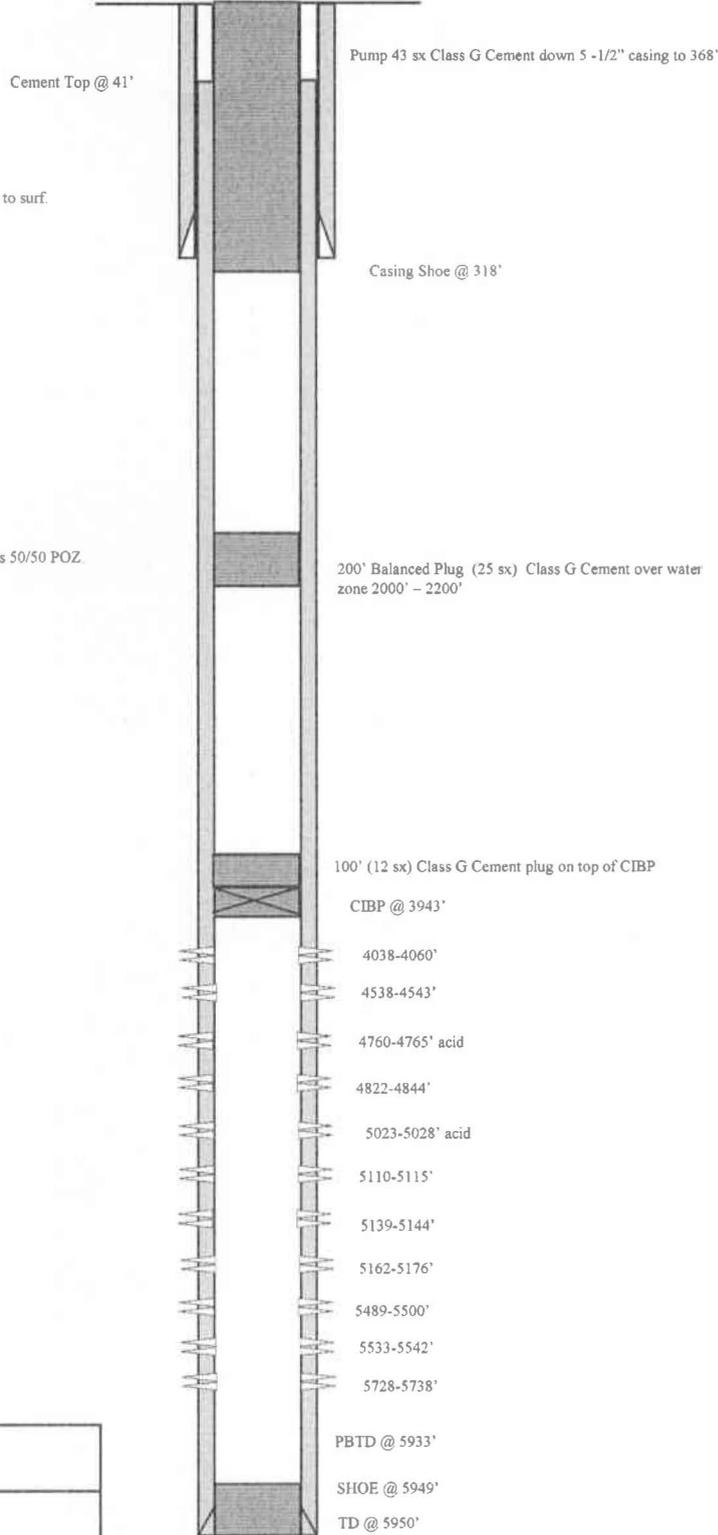
## Proposed P & A Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (306.52')  
DEPTH LANDED: 318.37' 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: 136 jts (5935.87')  
DEPTH LANDED: 5949.12' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem Lite II mixed & 425 sxs 50/50 POZ.



<b>NEWFIELD</b>
<b>WEST POINT FED. 7-18-9-16</b>
1962'FNL & 1941' FEL
SW/NE Section 18-T9S-R16E
Duchesne Co, Utah
API #43-013-32919; Lease # UTU-74390

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone    (include are code)  
                   435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
 1962 FNI, 1941 FEL  
 SWNE Section 18 T9S R16E

5. Lease Serial No.  
 USA UTU-74390

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or  
 WEST POINT UNIT

8. Well Name and No.  
 WEST POINT FEDERAL 7-18-9-16

9. API Well No.  
 4301332919

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

11. County or Parish, State  
 DUCHESNE, UT

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

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

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

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

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

Signature 

Title  
 Regulatory Analyst

Date  
 2/28/08

**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)