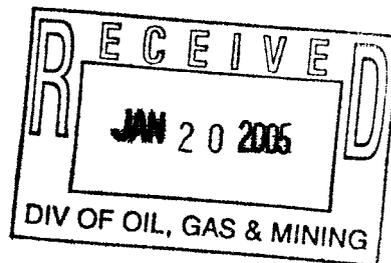


NEWFIELD



January 18, 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 13-7-9-16 and 14-7-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 13-7-9-16 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 Brad or myself a call.

Sincerely,

A handwritten signature in cursive script that reads "Mandie Crozier".

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

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 14-7-9-16

9. API Well No.  
43-013-32745

10. Field and Pool, or Exploratory  
Monument Butte 10<sup>5</sup>

11. Sec., T., R., M., or Blk. and Survey or Area  
SE/SW Sec. 7, 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 SE/SW 493' FSL 1919' FWL 571363X 40.059587  
At proposed prod. zone 4432276Y -110.163522

14. Distance in miles and direction from nearest town or post office\*  
Approximatley 13.5 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. 1919' f/lse, 1919' 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. 1832'

19. Proposed Depth  
5915'

20. BLM/BIA Bond No. on file  
UTU0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5988' GL

22. Approximate date work will start\*  
2nd Quarter 2005

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

24. Attachments

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

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

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 1/18/05

Title Regulatory Specialist

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 01-20-05

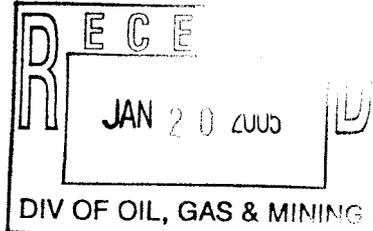
Title ENVIRONMENTAL SCIENTIST III

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)

**Federal Approval of this Action is Necessary**

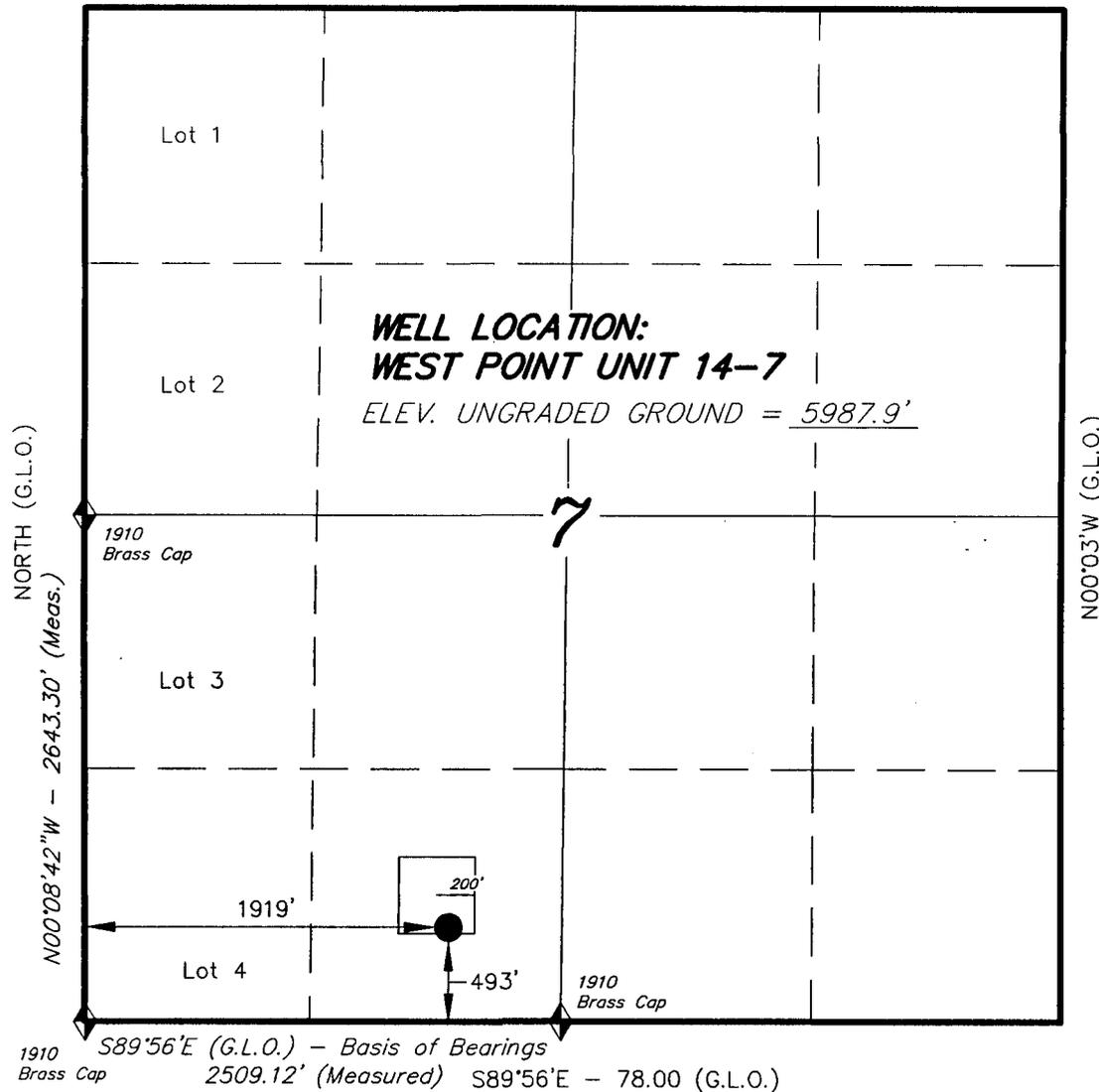


# T9S, R16E, S.L.B.&M.

## NEWFIELD PRODUCTION COMPANY

S89°56'E - 77.76 (G.L.O.)

WELL LOCATION, WEST POINT UNIT 14-7,  
LOCATED AS SHOWN IN THE SE 1/4 SW  
1/4 OF SECTION 7, T9S, R16E, S.L.B.&M.  
DUCHESNE COUNTY, UTAH.



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

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

◆ = 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: C.M.

DATE: 9-23-04

DRAWN BY: F.T.M.

NOTES:

FILE #

NEWFIELD PRODUCTION COMPANY  
WEST POINT FEDERAL #14-7-9-16  
SE/SW SECTION 7, 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' – 1640'
Green River	2490'
Wasatch	5915'

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

Green River Formation 2490' – 5915' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY  
WEST POINT FEDERAL #14-7-9-16  
SE/SW SECTION 7, 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 #14-7-9-16 located in the SE 1/4 SW 1/4 Section 7, 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; proceed southwesterly along Hwy 53 - 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 an existing road to the southeast; proceed southeasterly - 0.2 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road - 2270'  $\pm$  and then northeasterly along the proposed access road - 580'  $\pm$  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**

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 for this area is attached. MOAC Report #05-3, 1/5/05. The Paleontological Resource Survey will be forthcoming. See attached report cover page, Exhibit "D".

For the West Point Federal #14-7-9-16 Newfield Production Company requests 2,850' 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 a 80' ROW in Lease UTU-66184, 1,620' of disturbed area be granted in Lease UTU-64379, and 5,980' of disturbed area be granted in Lease UTU-74390 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**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**

**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.

**Possible Rapture Nest** – Dixie Sadler to advise.

**Reserve Pit Liner**

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

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Shadscale	<i>Atriplex confertifolia</i>	4 lbs/acre
Black Sage	<i>Artemisia nova</i>	1 lbs/acre
Bluebunch Wheatgrass	<i>Agropyron spicatum</i>	3 lbs/acre
Needle and Threadgrass	<i>Stipa comata</i>	4 lbs/acre

**Details of the On-Site Inspection**

The proposed West Point Federal #14-7-9-16 was on-sited on 5/19/04. The following were present; Brad Mecham (Newfield Production), David Gerbig (Newfield Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear at 60 degrees.

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

Representative

Name: Brad Mecham

Address: Route #3 Box 3630  
Myton, UT 84052

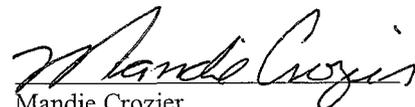
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #14-7-9-16 SE/SW Section 7, 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.

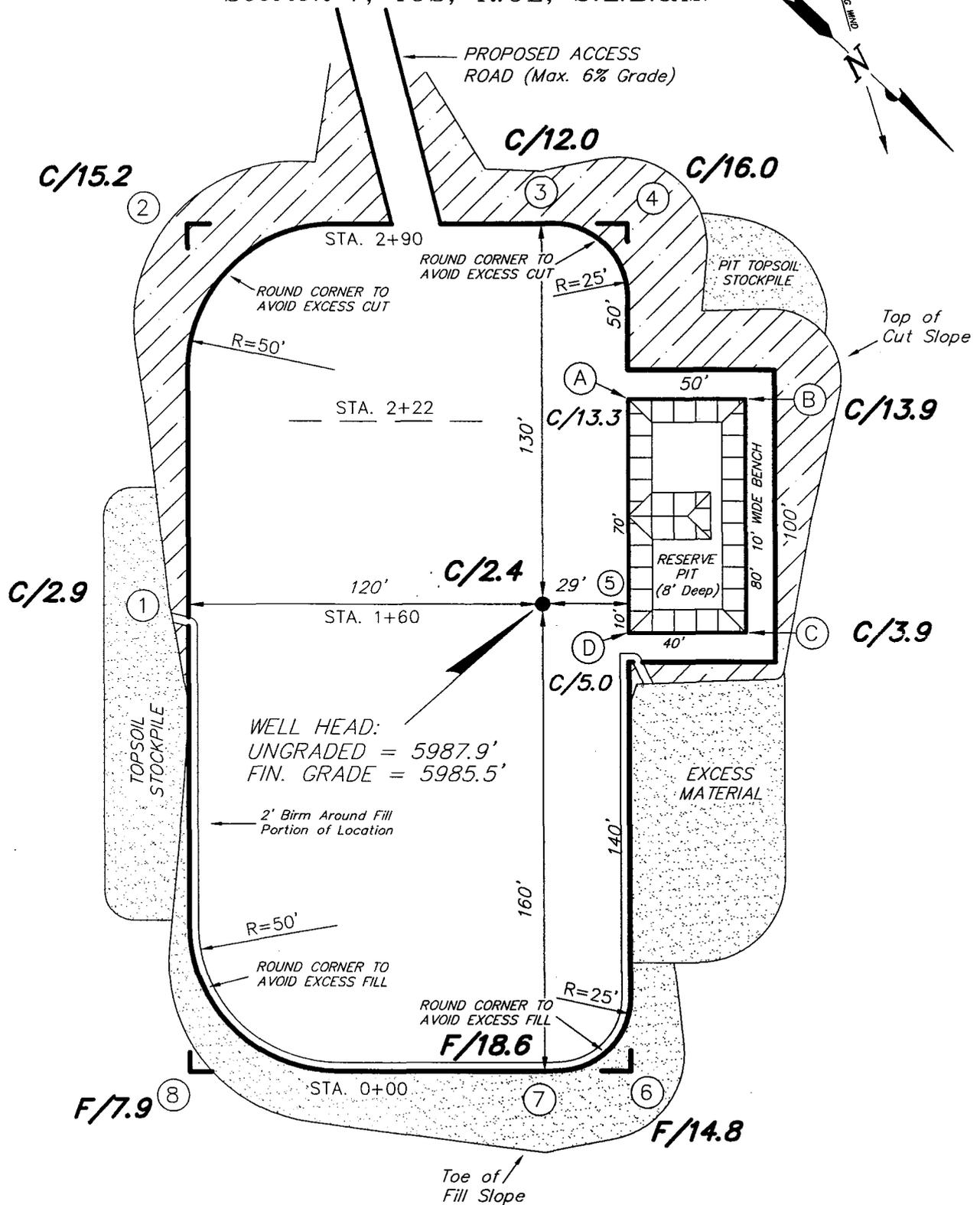
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be 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.

1/18/05  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

WEST POINT UNIT 14-7  
Section 7, T9S, R16E, S.L.B.&M.



### REFERENCE POINTS

170' SOUTHEAST = 5999.4'  
230' SOUTHEAST = 6010.7'

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

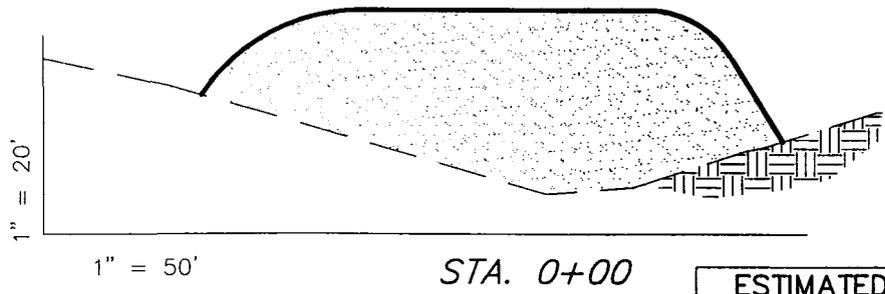
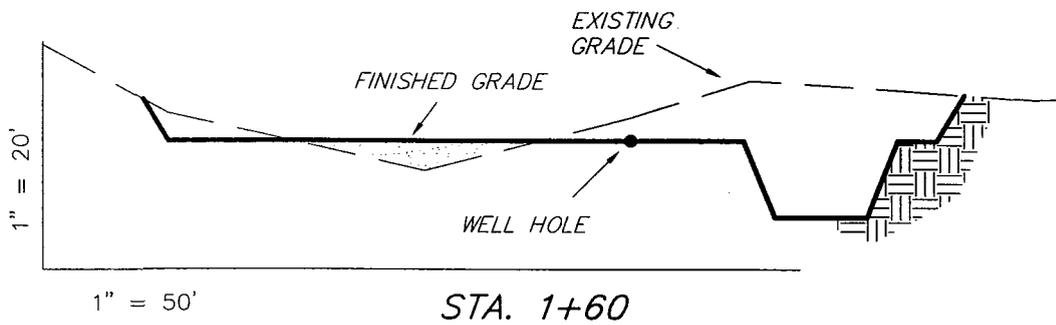
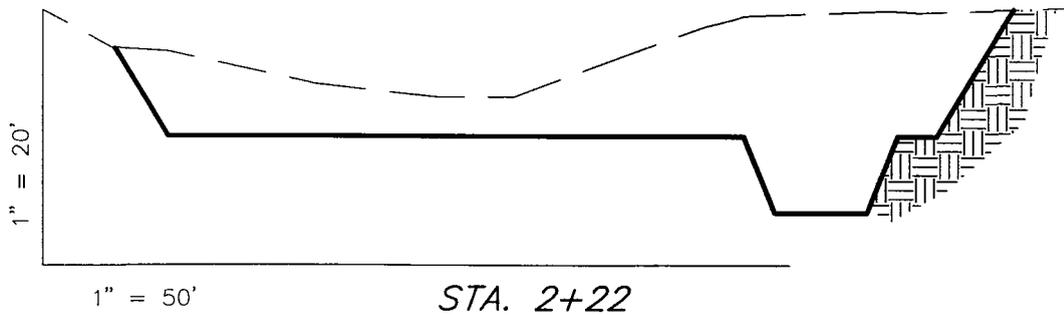
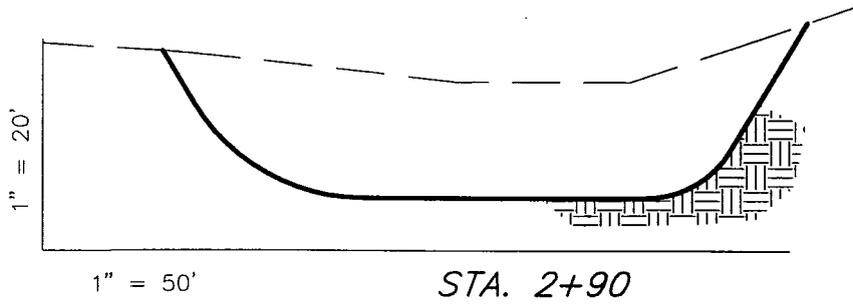
DATE: 9-23-04

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

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

### WEST POINT UNIT 14-7



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	7,990	7,990	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	8,630	7,990	890	640

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 9-23-04

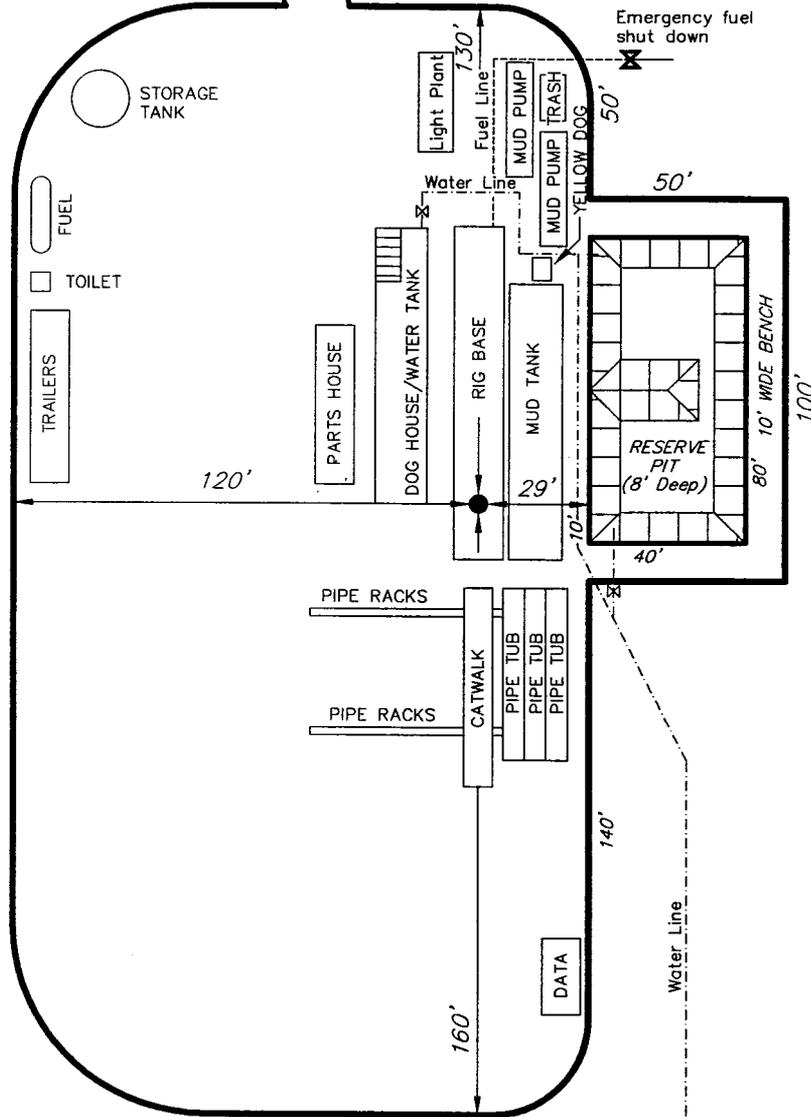
**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### WEST POINT UNIT 14-7

PROPOSED ACCESS ROAD (Max. 6% Grade)



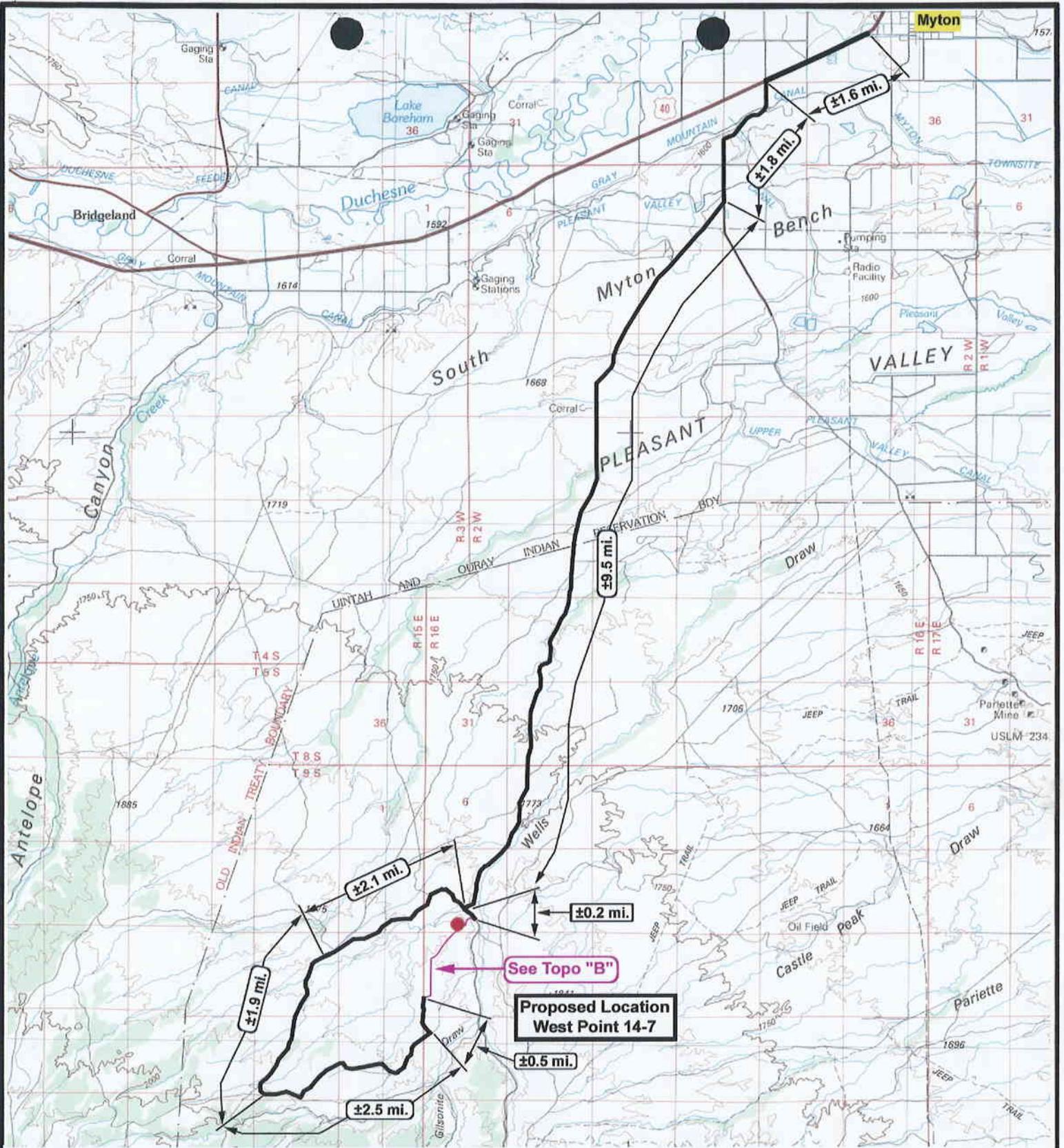
SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 9-23-04


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



**NEWFIELD**  
Exploration Company

**West Point 14-7**  
**SEC. 7, T9S, R16E, S.L.B.&M.**



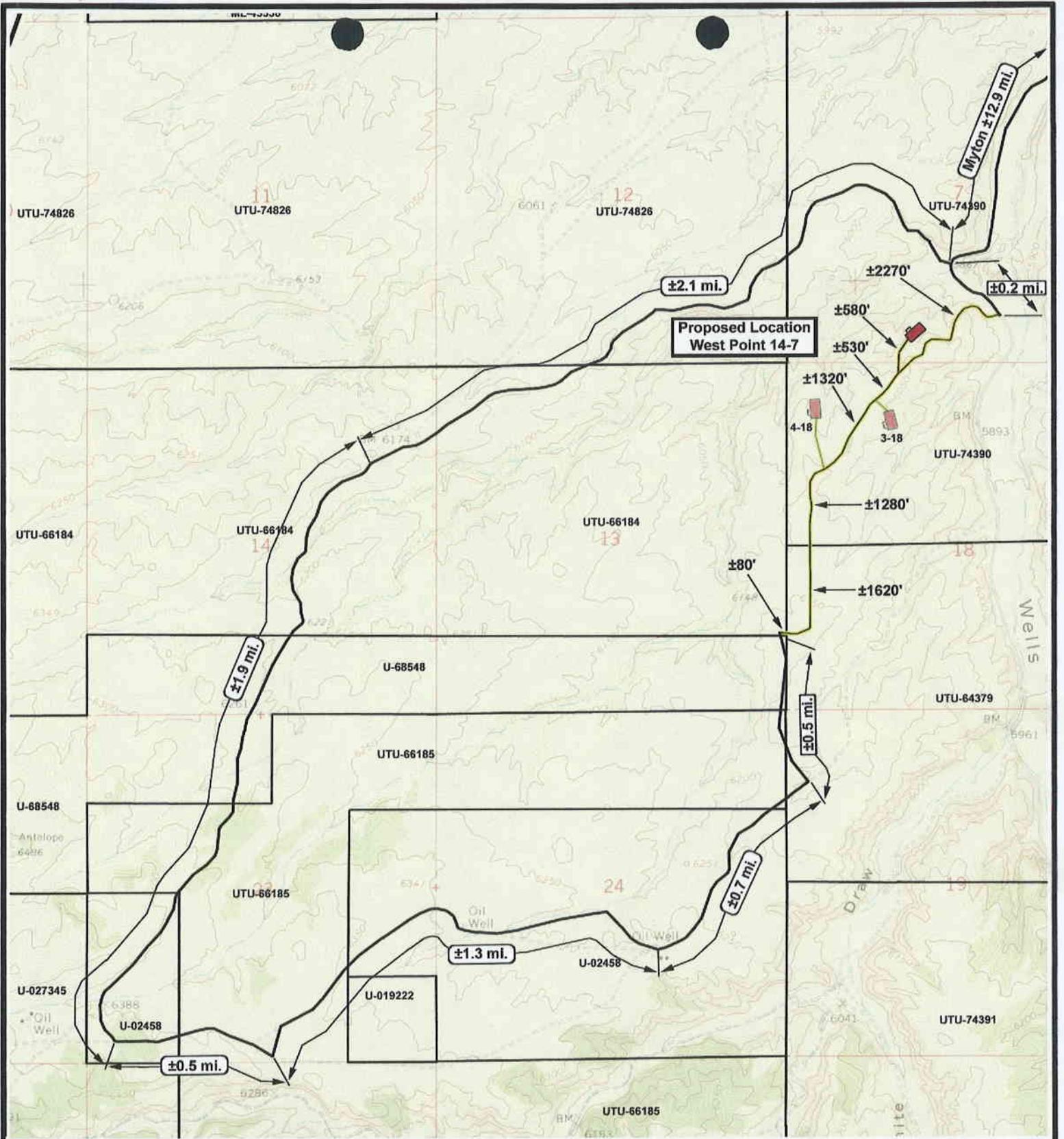
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: bgm  
DATE: 10-13-2004

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"A"**



**NEWFIELD**  
Exploration Company

**West Point 14-7**  
**SEC. 7, T9S, R16E, S.L.B.&M.**



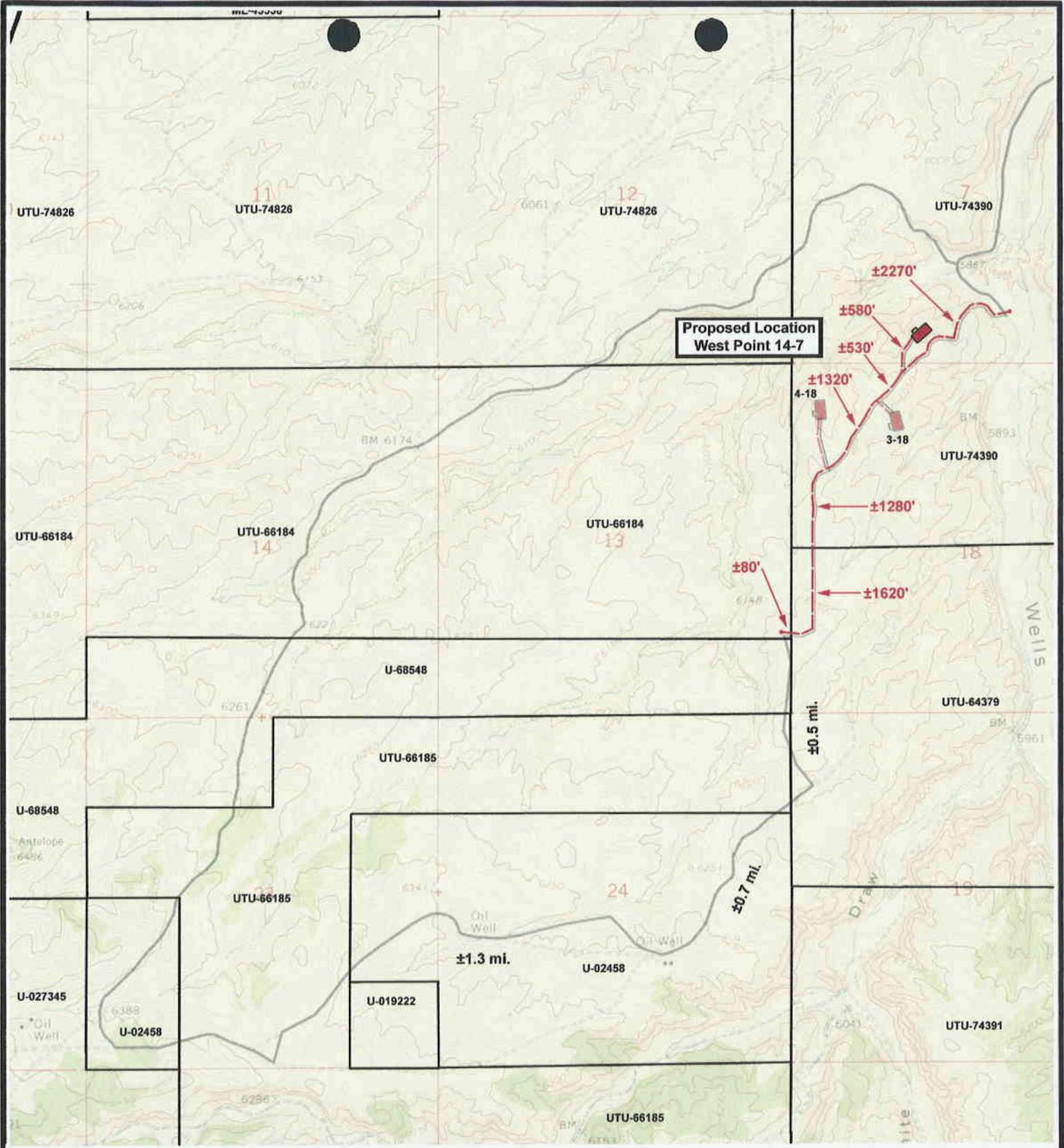
*Tri-State*  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: bgm  
DATE: 10-13-2004

- Legend**
- Existing Road
  - Proposed Access

TOPOGRAPHIC MAP

**"B"**



**NEWFIELD**  
Exploration Company

**West Point 14-7**  
**SEC. 7, T9S, R16E, S.L.B.&M.**



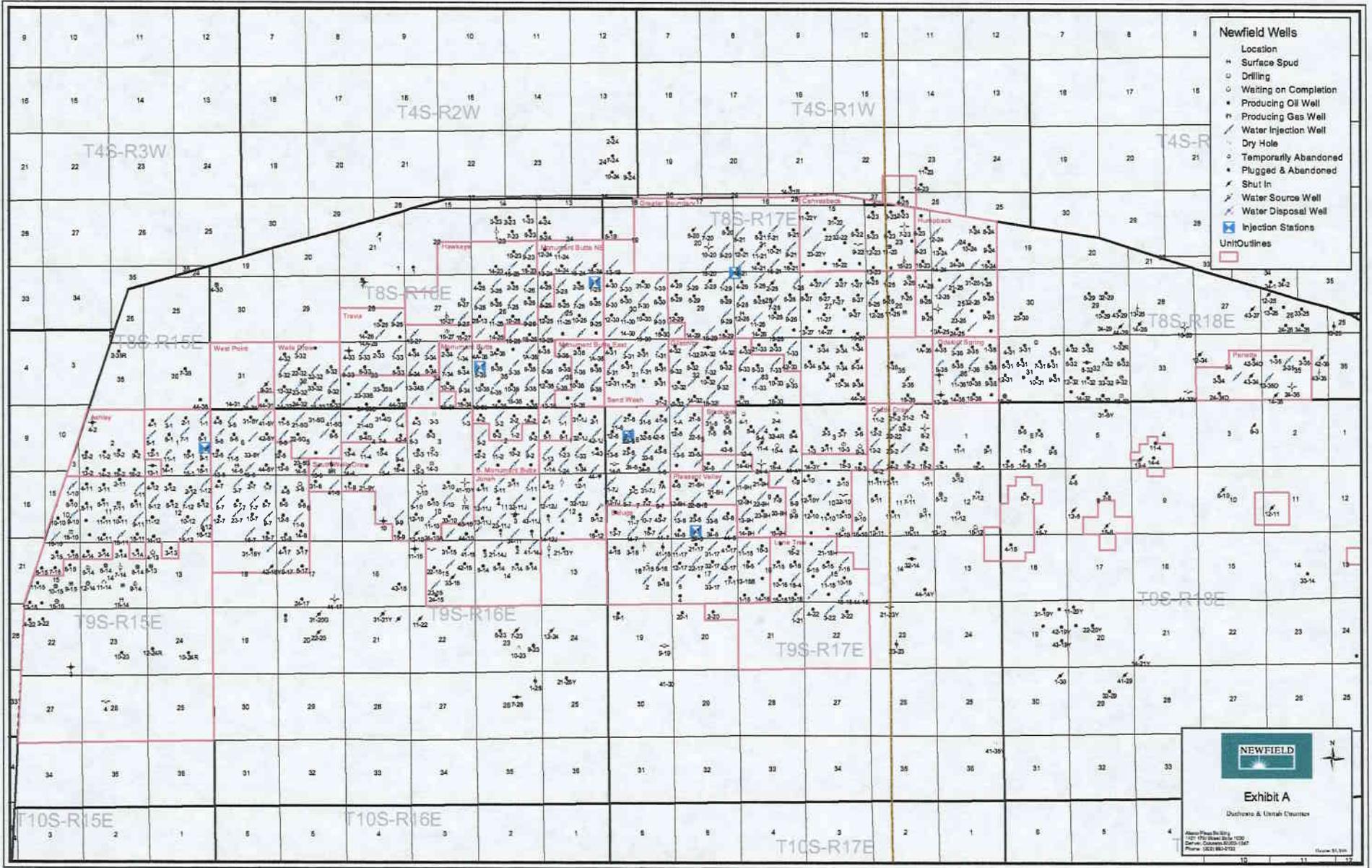
*Tri-State*  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

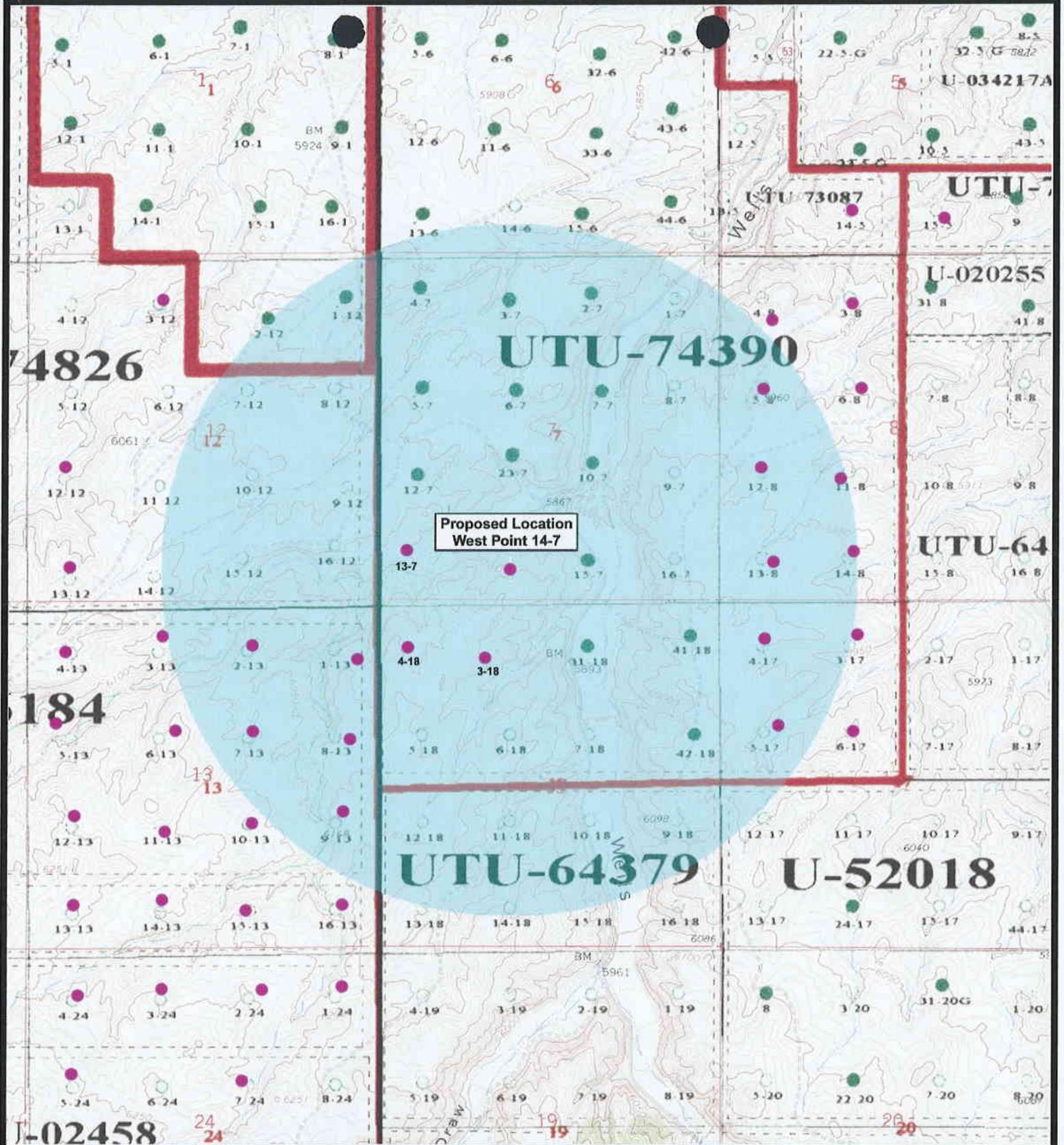
SCALE: 1" = 2,000'  
DRAWN BY: bgm  
DATE: 10-20-2004

**Legend**

- Existing Road
- Proposed Access
- Proposed Gas Line

TOPOGRAPHIC MAP  
**"C"**





 **NEWFIELD**  
Exploration Company

**West Point 14-7**  
**SEC. 7, 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: bgm  
DATE: 10-13-2004

**Legend**

- Well Locations
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

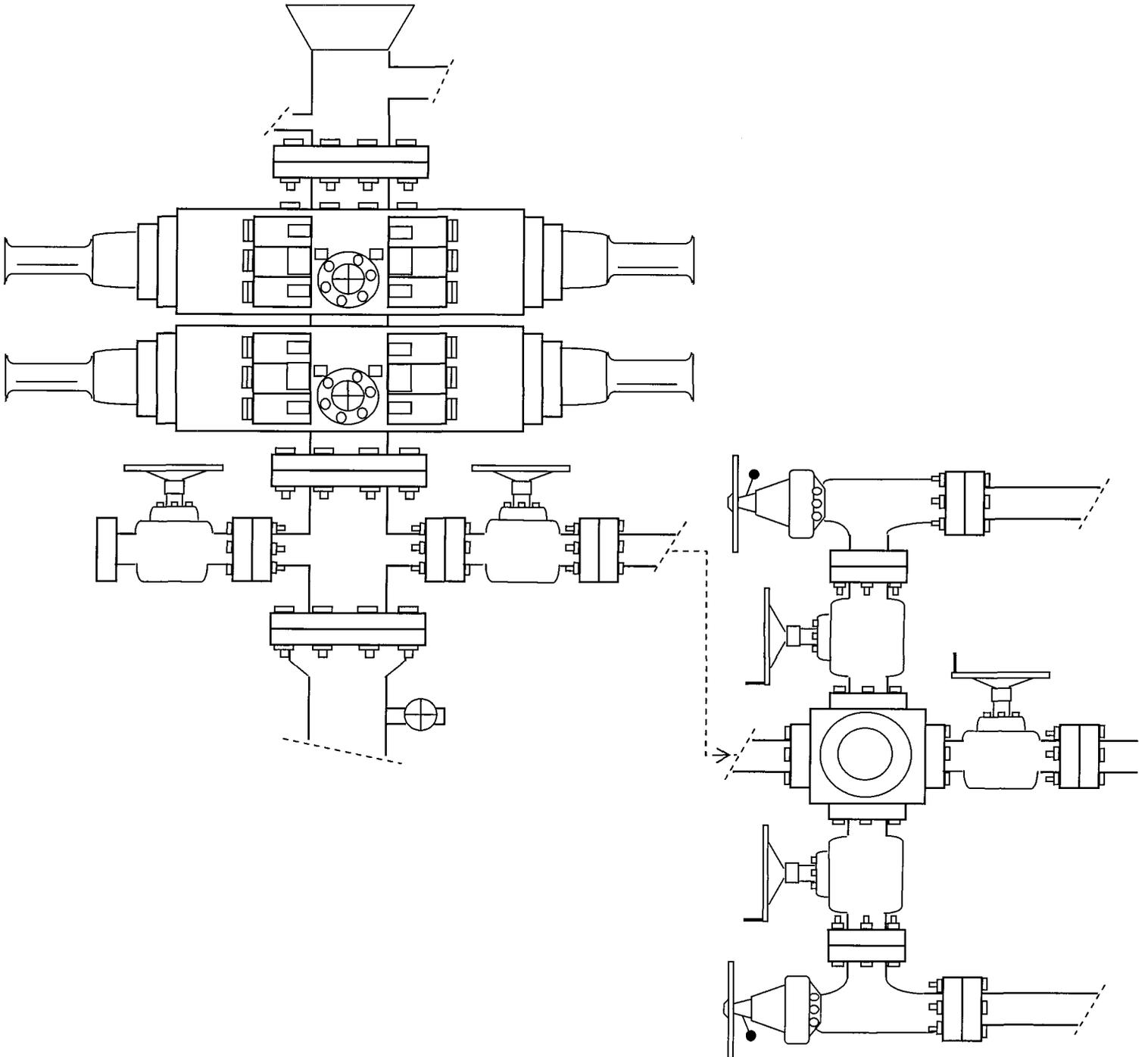


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATIONS' BLOCK PARCEL IN  
TOWNSHIP 9S, RANGE 16E, SECTION 7  
DUCHESNE COUNTY, UTAH

By:

Keith R. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company  
Route 3 Box 3630  
Myton, UT 84052

Prepared By:

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

MOAC Report No. 05-3

January 5, 2005

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

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-1478b

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/20/2005

API NO. ASSIGNED: 43-013-32745

WELL NAME: WEST POINT FED 14-7-9-16

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESW 07 090S 160E  
SURFACE: 0493 FSL 1919 FWL  
BOTTOM: 0493 FSL 1919 FWL  
DUCHESNE  
MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74390

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

LATITUDE: 40.03959

LONGITUDE: -110.1635

RECEIVED AND/OR REVIEWED:

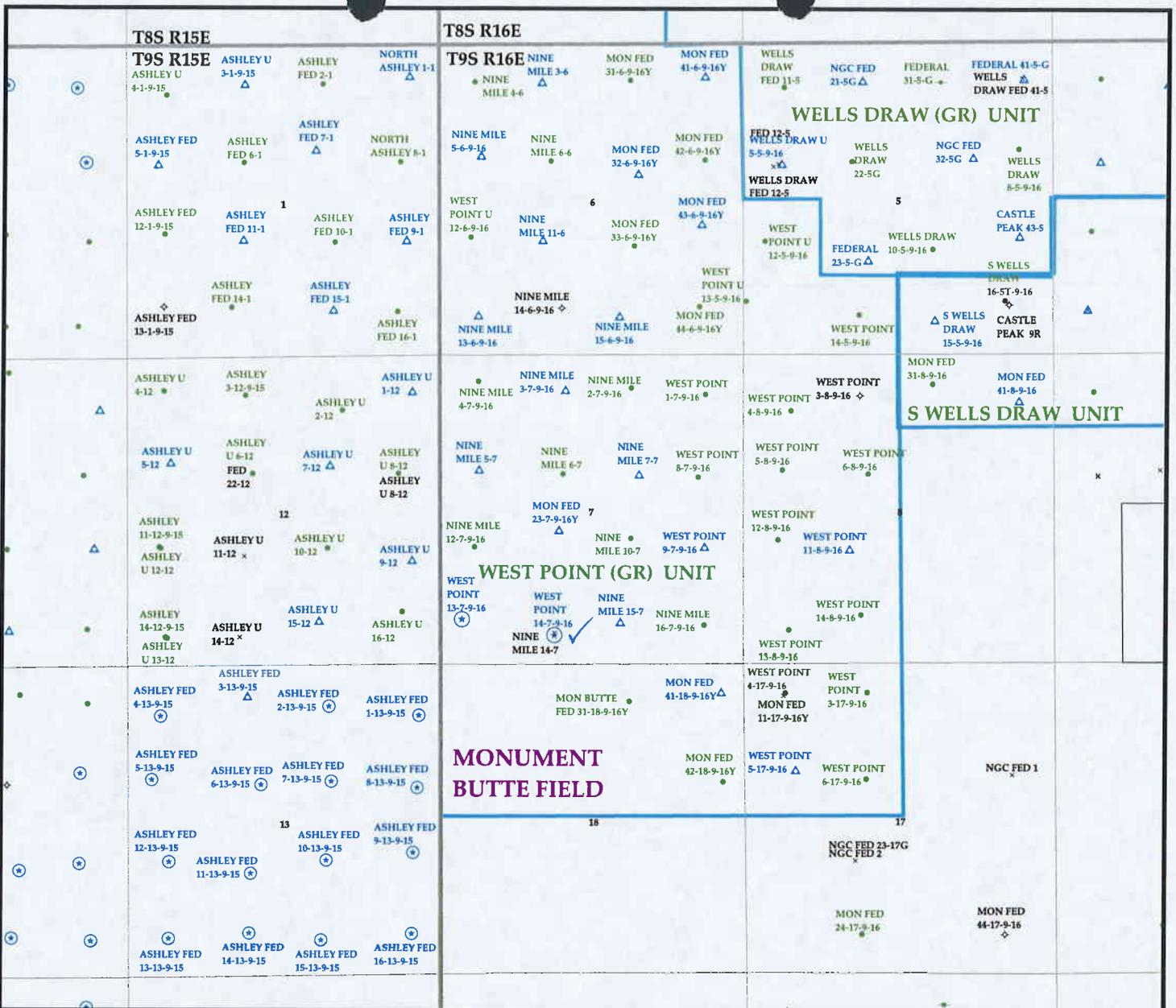
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTU0056 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

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: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS: Sup. Separate file

STIPULATIONS: 1- Federal Approval  
2- Spacing Well



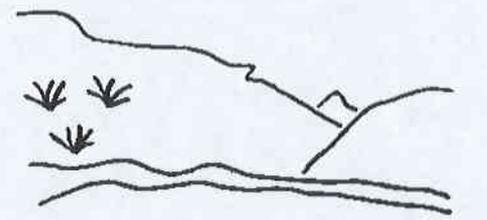
**OPERATOR: NEWFIELD PROD CO (N2695)**

**SEC. 7 T.9S R.16E**

**FIELD: MONUMENT BUTTE (105)**

**COUNTY: DUCESNE**

**SPACING: R649-3-2 / GENERAL SITING**



Utah Oil Gas and Mining

- | Wells                 | Units.shp      | Fields.shp   |
|-----------------------|----------------|--------------|
| ☆ GAS INJECTION       | □ EXPLORATORY  | □ ABANDONED  |
| ⊛ GAS STORAGE         | □ GAS STORAGE  | □ ACTIVE     |
| × LOCATION ABANDONED  | □ NF PP OIL    | □ COMBINED   |
| ⊕ NEW LOCATION        | □ NF SECONDARY | □ INACTIVE   |
| ⊙ PLUGGED & ABANDONED | □ PENDING      | □ PROPOSED   |
| ⊛ PRODUCING GAS       | □ PI OIL       | □ STORAGE    |
| ● PRODUCING OIL       | □ PP GAS       | □ TERMINATED |
| ⊛ SHUT-IN GAS         | □ PP GEOTHERML |              |
| ⊙ SHUT-IN OIL         | □ PP OIL       |              |
| ⊙ TEMP. ABANDONED     | □ SECONDARY    |              |
| ○ TEST WELL           | □ TERMINATED   |              |
| △ WATER INJECTION     |                |              |
| ◆ WATER SUPPLY        |                |              |
| ⊙ WATER DISPOSAL      |                |              |



PREPARED BY: DIANA WHITNEY  
DATE: 20-JANUARY-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)

January 20, 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 wells are planned for calendar year 2004 within the West Point Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-32744	West Point Federal	13-7-9-16 Sec 7 T09S R16E 0773 FSL 0367 FWL
43-013-32745	West Point Federal	14-7-9-16 Sec 7 T09S R16E 0493 FSL 1919 FWL

This office has no objection to permitting the wells 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:1-20-05

**State of Utah****Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

MARY ANN WRIGHT  
*Acting Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

January 20, 2005

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

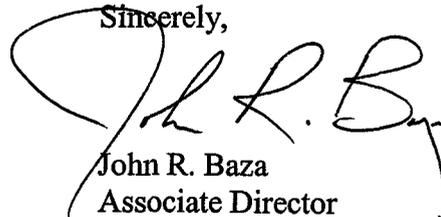
Re: West Point Fed 14-7-9-16 Well, 493' FSL, 1919' FWL, SE SW, Sec. 7,  
T. 9 South, R. 16 East, Duchesne County, Utah

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 43-013-32745.

Sincerely,



John R. Baza  
Associate Director

pab  
Enclosures

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

Operator: Newfield Production Company  
Well Name & Number West Point Fed 14-7-9-16  
API Number: 43-013-32745  
Lease: UTU-74390

Location: SE SW                      Sec. 7                      T. 9 South                      R. 16 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

RECEIVED

JAN 20 2005

BLM VERNAL, UTAH

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74390
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. West Point
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. West Point Federal 14-7-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 4301332745
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/SW 493' FSL 1919' FWL At proposed prod. zone		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 13.5 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SE/SW Sec. 7, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1919' f/ise, 1919' f/unit	16. No. of Acres in lease 2037.19	12. County or Parish Duchesne
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. 1832'	13. State UT
19. Proposed Depth 5915'	20. BLM/BIA Bond No. on file UTU0056	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5988' GL	22. Approximate date work will start* 2nd Quarter 2005	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 1/18/05
Accepted by the Utah Division of Oil, Gas and Mining		
Title Regulatory Specialist	FOR RECORD ONLY	
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) PETER K JOKSISIK	Date DEC 2 2005
Title Acting Mineral Resources	Office VERNAL FIELD OFFICE	

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

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 ATTACHE

RECEIVED  
DEC 12 2005

DIV. OF OIL, GAS & MINING

05LW0956A

NO NO5

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

Operator/Company: Newfield Production Co.

Well Name/Number: West Point Federal 14-7-9-16

API Number: 43-013-32745

Location: SESW Sec Tship Rng.: 07, T9S, R16E

Lease Number: UTU-74390

Agreement Name (If Applicable): N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

Approval of this application 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.

Be aware that fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

**Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).**

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Michael Lee (435) 828-7875  
Petroleum Engineer

Matt Baker (435) 828-4470  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

Company/Operator: Newfield Production Company  
API Number 43-013-32745  
Well Name & Number: West Point Federal 14-7-9-16  
Lease Number: U-74390  
Location: SESW Sec. 7 T. 9 S. R. 16 E.  
Surface Ownership: BLM  
Date NOS Received: None  
Date APD Received: Jan. 20, 2005

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

4 to 6 inches of topsoil shall be stripped from the locations and placed as shown on the cut sheet. The topsoil shall be respread over the entire location as soon as completion operations have been finished and recontouring is complete. At this point the production equipment can be set. The areas of the location not needed for production operations, including the reserve pits, shall be seeded with crested wheatgrass (variety Hycrest) at a rate of 12 lbs per acre. The 12 lb/acre rate is considering pure live seed. The interim seeding shall be done by either drilling the seed or by broadcasting the seed and dragging it with a spike tooth harrow.

The pipeline trench for the gas lines shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. When backfilling the trenches, care should be taken to disturb as little of the vegetation as possible and thus allowing the existing plants to reestablish on their own, however, this area should also be seeded with crested wheatgrass at the 12 lb/acre rate to ensure vegetation establishment and to keep invasive weeds to a minimum. All seeding of the pipelines shall be completed using a seed drill.

No pipeline construction will be allowed when soils are muddy and rutting of soils becomes apparent from the use of vehicles. If rutting occurs, operations must cease until soils are dry or frozen.

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 14-7-9-16**

9. API Well No.  
**43-013-32745**

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)  
**493 FSL 1919 FWL SE/SW Section 7, 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 <u>Permit Extension</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 1/20/05 (expiration 1/20/06).

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 1-20-06  
By: [Signature]

APPROVED BY OPERATOR  
[Signature]  
1-19-06  
CFO

RECEIVED  
JAN 03 2006

DIV. OF OIL, GAS & MINING

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

Signed Mandie Crozier Title Regulatory Specialist Date 12/30/2005  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

RESET

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

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

**API:** 43-013-32745  
**Well Name:** West Point Federal 14-7-9-16  
**Location:** SE/SW Section 7, T9S R16E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 1/20/2005

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

12/30/2005  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

JAN 03 2006

DIV. OF OIL, GAS & MINING

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: WEST POINT FED 14-7-9-16

Api No: 43-013-32745 Lease Type: FEDERAL

Section 07 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

### **SPUDDED:**

Date 02/09/06

Time 1:00 PM

How DRY

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

Reported by DON BASTIAN

Telephone # 1-435-823-6012

Date 02/10/2006 Signed CHD

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

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

OPERATOR ACCT. NO. N2696

FEB 15 2006

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	12418	43-047-32745	WEST POINT FEDERAL 14-7-9-16	SE/SW	7	9S	16E	DUCHESNE -UNTAH	02/09/06	2/16/06

WELL 1 COMMENTS: *GRRV* - J

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
J	99999	14844	43-047-36114	SUNDANCE FEDERAL 1-8-9-18	NE/NE	8	9S	18E	UNTAH	02/13/06	2/16/06

*GRRV* - J

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	15188	43-047-36228	FEDERAL 9-30-8-18	NE/SE	30	8S	18E	UNTAH	02/15/06	2/16/06

*GRRV* - J

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	15189	43-047-36232	FEDERAL 16-30-8-18	SE/SE	30	8S	18E	UNTAH	02/07/06	2/16/06

*GRRV* - J

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
	99999										

WELL 5 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
	99999										

WELL 5 COMMENTS:

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

*Kira Kettle*  
Kira Kettle  
Signature  
Production Clerk  
January 20, 2006  
Date

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.

UTU74390

6. If Indian, Allottee or Tribe Name.

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

WEST POINT UNIT

8. Well Name and No.

WEST POINT FEDERAL 14-7-9-16

9. API Well No.

4301332745

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

**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 No. (include are code)

435.646.3721

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

493 FSL 1919 FWL

SE/SW Section 7 T9S R16E

**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 Notice	<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 Injector	<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	
Name (Printed/Typed) Mandie Crozier	Title Regulatory Specialist
Signature 	Date 03/27/2006

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

(Instructions on reverse)

**MAR 29 2006**

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.

**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 No. (include are code)  
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 493 FSL 1919 FWL  
 SE/SW   Section 7 T9S R16E

5. Lease Serial No.  
 UTU74390

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.  
 WEST POINT UNIT

8. Well Name and No.  
 WEST POINT FEDERAL 14-7-9-16

9. API Well No.  
 4301332745

10. Field and Pool, or Exploratory Area  
 Monument Butte

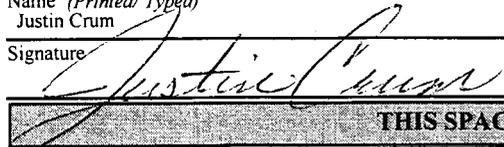
11. County or Parish, State  
 Duchesne, UT

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 Notice	<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 Injector	<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 recomplate 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 2/9/06 MIRU Ross # 24. Spud well @ 1:00 PM. Drill 308' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 317.45 KB. On 2/12/06 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 6 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature 	Date 02/22/2006

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

(Instructions on reverse)

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

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 317.45

LAST CASING 8 5/8" set @ 317'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING  
 DATUM TO BRADENHEAD FLANGE  
 TD DRILLER 308' LOGGER  
 HOLE SIZE 12 1/4

OPERATOR **Newfield Production Company**  
 WELL **West Point 14-7-9-16**  
 FIELD/PROSPECT **Monument Butte**  
 CONTRACTOR & RIG # **Ross rig # 24**

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 40.68'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	306.55
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			307.45
TOTAL LENGTH OF STRING		307.45	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>317.45</b>
TOTAL		305.6	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		305.6	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		Spud	2/10/2006	GOOD CIRC THRU JOB		Yes	
CSG. IN HOLE			2/10/2006	Bbls CMT CIRC TO SURFACE		6 bbls	
BEGIN CIRC			2/12/2006	RECIPROCATED PIPE FOR		N/A	
BEGIN PUMP CMT			2/12/2006				
BEGIN DSPL. CMT			2/12/2006	BUMPED PLUG TO		677 PSI	
PLUG DOWN			2/12/2006				
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 Justin Crum DATE 2/13/2006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0155  
Expires January 31, 2004

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

5. Lease Serial No.  
UTU74390

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.  
WEST POINT UNIT

8. Well Name and No.  
WEST POINT FEDERAL 14-7-9-16

9. API Well No.  
4301332745

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Duchesne, UT

**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 No. (include are code)  
435.646.3721

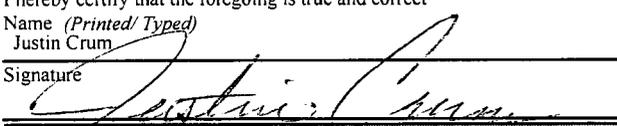
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
493 FSL 1919 FWL  
SE/SW Section 7 T9S R16E

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 Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 2/15/06 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 260'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6100'. 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, 144 jt's of 5.5 J-55, 15.5# csgn. Set @ 6090' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 10 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 6:00 PM on 2/20/06.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature 	Date 02/22/2006

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

(Instructions on reverse)

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

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

\_\_\_\_\_ **5 1/2"** CASING SET AT \_\_\_\_\_ **6090.61**

Flt cllr @ 6048.84

LAST CASING 8 5/8" SET AT 317'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL West Point 14-7-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

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

CONTRACTOR & RIG # NDSI #I

TD DRILLER 6100 LOGGER 6096'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>6.21 short jt @ 3967'</b>					
<b>143</b>	<b>5 1/2"</b>	ETC LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	6034.84
		Float collar					0.6
<b>1</b>	<b>5 1/2"</b>	ETC LT&C csg	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	42.52
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6092.61
TOTAL LENGTH OF STRING		6092.61	144	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		212.83	5	CASING SET DEPTH			<b>6090.61</b>
TOTAL		<b>6290.19</b>	149	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6290.19	149				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		2/20/2006	4:00 AM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		2/20/2006	8:00 AM	Bbls CMT CIRC TO SURFACE <u>10 bbls</u>			
BEGIN CIRC		2/20/2006	8:00 AM	RECIPROCATED PIPE FOR <u>THRUSTROKE</u> No			
BEGIN PUMP CMT		2/20/2006	9:58 AM	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		2/20/2006	11:06	BUMPED PLUG TO <u>1570</u> PSI			
PLUG DOWN		<b>2/20/2006</b>	<b>11:29 AM</b>				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
<b>1</b>	<b>300</b>	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
<b>2</b>	<b>450</b>	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 Justin Crum

DATE 2/20/2006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.  
UTU74390

6. If Indian, Allottee or Tribe Name.

7. If Unit or C.A. Agreement, Name and/or No.  
WEST POINT UNIT

8. Well Name and No.  
WEST POINT FEDERAL, 14-7-9-16

9. API Well No.  
4301332745

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Duchesne, UT

**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 No. (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
493 FSL 1919 FWL  
SE/SW Section 7 T9S R16E

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 Notice	<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	Variance _____	
	<input type="checkbox"/> Convert to Injector	<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 Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

DATE: 4-12-06  
LHO

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Date: 3/30/06  
By: [Signature]

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)  
Mandie Crozier

Signature  
[Signature]

Title  
Regulatory Specialist

Date  
03/27/2006

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

Office \_\_\_\_\_

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

(Instructions on reverse)

MAR 29 2006

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.

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU74390
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or No. WEST POINT UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 493 FSL 1919 FWL SE/SW Section 7 T9S R16E		8. Well Name and No. WEST POINT FEDERAL 14-7-9-16
		9. API Well No. 4301332745
		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 Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<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 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.)

Status report for time period 03/10/06 - 03/24/06

Subject well had completion procedures initiated in the Green River formation on 03-10-06 without the use of a service rig over the well. A cement bond log was run and a total of six Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5641'-5654'); Stage #2 (5422'-5442'); Stage #3 (5126'-5144'); Stage #4 (5004'-5022'); Stage #5 (4720'-4724'),(4621'-4632'); Stage #6 (4276'-4288'),(4249'-4259'),(4228'-4236'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 03-22-2006. Bridge plugs were drilled out and well was cleaned to 6047'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 03-24-2006.

I hereby certify that the foregoing is true and correct Name (Printed/Typed) Lana Nebeker	Title Production Clerk
Signature 	Date 04/10/2006

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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
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	Office	

(Instructions on reverse)

RECEIVED

APR 12 2006

DIV. OF OIL, GAS & MINING

**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**

**West Point Unit**

**1b. TYPE OF WELL**

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

**8. FARM OR LEASE NAME, WELL NO.**

**West Point Federal 14-7-9-16**

**2. NAME OF OPERATOR**

**Newfield Exploration Company**

**9. WELL NO.**

**43-013-32745**

**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 **493' FSL & 1919' FWL (SE/SW) Sec. 7, T9S, R16E**  
At top prod. Interval reported below

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

**Sec. 7, T9S, R16E**

**At total depth**

14. API NO. **43-013-32745** DATE ISSUED **1/20/05**

**12. COUNTY OR PARISH**  
**Duchesne**

**13. STATE**  
**UT**

<b>15. DATE SPUDDED</b> 2/9/06	<b>16. DATE T.D. REACHED</b> 2/18/06	<b>17. DATE COMPL. (Ready to prod.)</b> 3/24/06	<b>18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*</b> 5988' GL	<b>19. ELEV. CASINGHEAD</b> 6000' KB
-----------------------------------	---	--	--	---

<b>20. TOTAL DEPTH, MD &amp; TVD</b> 6100'	<b>21. PLUG BACK T.D., MD &amp; TVD</b> 6047'	<b>22. IF MULTIPLE COMPL. HOW MANY*</b>	<b>23. INTERVALS DRILLED BY</b> ----->	<b>ROTARY TOOLS</b> X	<b>CABLE TOOLS</b>
---	--	---	---	--------------------------	--------------------

**24. PRODUCING INTERVAL(S) OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\***  
**Green River 4228'-5654'**

**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**

**28. 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#	317'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6091'	7-7/8"	300 sx Premlite II and 450 sx 50/50 Poz	

**29. LINER RECORD**

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

**30. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5743'	TA @ 5609'

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

INTERVAL	SIZE	SPF/NUMBER	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
(CP1) 5641'-5654'	.46"	4/52	5641'-5654' Frac w/ 40,008# 20/40 sand in 460 bbls fluid
(LODC) 5422'-5442'	.43"	4/80	5422'-5442' Frac w/ 49,941# 20/40 sand in 509 bbls fluid
(A1) 5126'-5144'	.43"	4/72	5126'-5144' Frac w/ 54,325# 20/40 sand in 471 bbls fluid
(B2) 5004'-5022'	.43"	4/72	5004'-5022' Frac w/ 90,495# 20/40 sand in 651 bbls fluid
(DS1&D1) 4621'-4632', 4720'-4724'	.43"	4/60	4621'-4724' Frac w/ 25,539# 20/40 sand in 320 bbls fluid
(GB4&6) 4228'-36', 4249'-59', 4276'-88'	.43"	4/120	4228'-4288' Frac w/ 123,611# 20/40 sand in 812 bbls fluid

**33.\* PRODUCTION**

<b>DATE FIRST PRODUCTION</b> 3/24/06	<b>PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)</b> 2-1/2" x 1-1/2" x 15' RHAC Pump		<b>WELL STATUS (Producing or shut-in)</b> <b>PRODUCING</b>				
<b>DATE OF TEST</b> 30 day ave	<b>HOURS TESTED</b>	<b>CHOKER SIZE</b>	<b>PROD'N. FOR TEST PERIOD</b> ----->	<b>OIL--BBL.S.</b> 38	<b>GAS--MCF.</b> 80	<b>WATER--BBL.</b> 20	<b>GAS-OIL RATIO</b> 2105
<b>FLOW, TUBING PRESS.</b>	<b>CASING PRESSURE</b>	<b>CALCULATED 24-HOUR RATE</b> ----->	<b>OIL--BBL.</b>	<b>GAS--MCF.</b>	<b>WATER--BBL.</b>	<b>OIL GRAVITY-API (CORR.)</b>	

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

**RECEIVED**

**35. LIST OF ATTACHMENTS**

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

*M. Randolph Crozier*

Regulatory Specialist

**MAY 01 2006**

4/27/2006

DIV. OF OIL, GAS & MINING

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 West Point Federal 14-7-9-16</b>	Garden Gulch Mkr	<b>3698'</b>	
				Garden Gulch 1	<b>3921'</b>	
				Garden Gulch 2	<b>4032'</b>	
				Point 3 Mkr	<b>4292'</b>	
				X Mkr	<b>4554'</b>	
				Y-Mkr	<b>4586'</b>	
				Douglas Creek Mkr	<b>4702'</b>	
				BiCarbonate Mkr		
				B Limestone Mkr	<b>5041'</b>	
				Castle Peak	<b>5598'</b>	
				Basal Carbonate	<b>6019'</b>	
				Total Depth (LOGGERS)	<b>6096'</b>	



April 6, 2009

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 14-7-9-16  
Monument Butte Field, Lease #UTU-74390  
Section 7-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

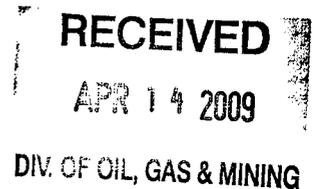
Newfield Production Company herein requests approval to convert the West Point 14-7-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long horizontal line extending to the right.

Eric Sundberg  
Regulatory Analyst



**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**WEST POINT 14-7-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**WEST POINT UNIT**  
**LEASE #UTU-74390**  
**APRIL 6, 2009**

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# West Point 14-7-9-16

Spud Date: 02/09/06  
 Put on Production: 03/24/06  
 K.B.: 6000, G.L.: 5988

Initial Production: BOPD,  
 MCFD, BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.55')  
 DEPTH LANDED: 317.45' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

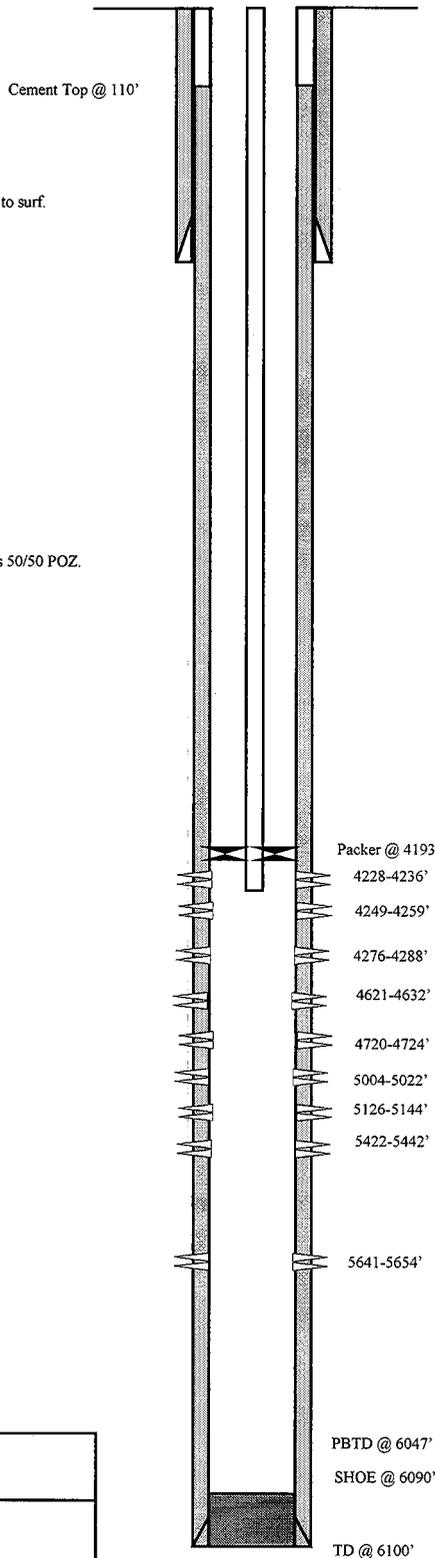
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6077.36')  
 DEPTH LANDED: 6090.61' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP @: 110'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 173 jts (5579.79')  
 TUBING ANCHOR: 5591.79' KB  
 NO. OF JOINTS: 2 jts (65.00')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5659.59' KB  
 NO. OF JOINTS: 2 jts (64.95')  
 TOTAL STRING LENGTH: EOT @ 5726.09' w/12 KB

## Proposed Injection Wellbore Diagram



## FRAC JOB

03-14-06	5641-5654'	<b>Frac CP1, sands as follows:</b> 40008# 20/40 sand in 460 bbls Lightning 17 frac fluid. Treated @ avg press of 1935 psi w/avg rate of 25.3 BPM. ISIP 1970 psi. Calc flush: 5652 gal. Actual flush: 5670 gal.
03-15-06	5422-5442'	<b>Frac LODC, sands as follows:</b> 49941# 20/40 sand in 509 bbls Lightning17 frac fluid. Treated @ avg press of 2174 psi w/avg rate of 25.3 BPM. ISIP 2290 psi. Calc flush: 5440 gal. Actual flush: 5418 gal.
03-15-06	5126-5144'	<b>Frac A1 sands as follows:</b> 54325# 20/40 sand 471 bbls Lightning 17 frac fluid. Treated @ avg press of 2142 psi w/avg rate of 25.3 BPM. ISIP 2200 psi. Calc flush: 5142 gal. Actual flush: 5166 gal.
03-15-06	5004-5022'	<b>Frac B2 sands as follows:</b> 90495# 20/40 sand in 651 bbls Lightning 17 frac fluid. Treated @ avg press of 1763 psi w/avg rate of 25.5 BPM. ISIP 1900 psi. Calc flush: 5020 gal. Actual flush: 4998 gal.
03-15-06	4621-4724'	<b>Frac DS1, D1 sands as follows:</b> 25539# 20/40 sand in 320 bbls Lightning17 frac fluid. Treated @ avg press 2017 psi w/avg rate of 25.4 BPM. ISIP 2300 psi. Calc flush: 4722 gal. Actual flush: 4620 gal.
03-15-06	4228-4288'	<b>Frac GB4, GB6 sands as follows:</b> 123611# 20/40 sand in 812 bbls Lightning17 frac fluid. Treated @ avg press 1796 psi w/avg rate of 25.4 BPM. ISIP 2180 psi. Calc flush: 4286 gal. Actual flush: 4116 gal.
08-25-06		<b>Pump Change-Tubing &amp; Rod detail updated.</b>
08-14-07		<b>Workover: Updated rod details.</b>
05/28/08		<b>Tbg. Leak. Updated rod and tubing details</b>

## PERFORATION RECORD

03/10/06	5641-5654'	4 JSPF	52 holes
03/14/06	5422-5442'	4 JSPF	80 holes
03/15/06	5126-5144'	4 JSPF	72 holes
03/15/06	5004-5022'	4 JSPF	72 holes
03/15/06	4720-4724'	4 JSPF	16 holes
03/15/06	4621-4632'	4 JSPF	44 holes
03/15/06	4276-4288'	4 JSPF	48 holes
03/15/06	4249-4259'	4 JSPF	40 holes
03/15/06	4228-4236'	4 JSPF	32 holes

**NEWFIELD**

**West Point 14-7-9-16**

493' FSL & 1919' FWL

SE/SW Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-32745; 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  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the West Point 14-7-9-16 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 14-7-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4031' -5597'). 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 3697' and the TD is at 6100'.

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

The referenced log for the West Point 14-7-9-16 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 #UTU-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# surface casing run to 317' KB, and 5-1/2", 15.5# casing run from surface to 6091' 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 1867 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 14-7-9-16, for existing perforations (4228' - 5654') calculates at 0.81 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 1867 psig. We may add additional perforations between 3697' and 6100'. 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 14-7-9-16, the proposed injection zone (4031' - 5597') is in the Garden Gulch to Castle Peak 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-19.

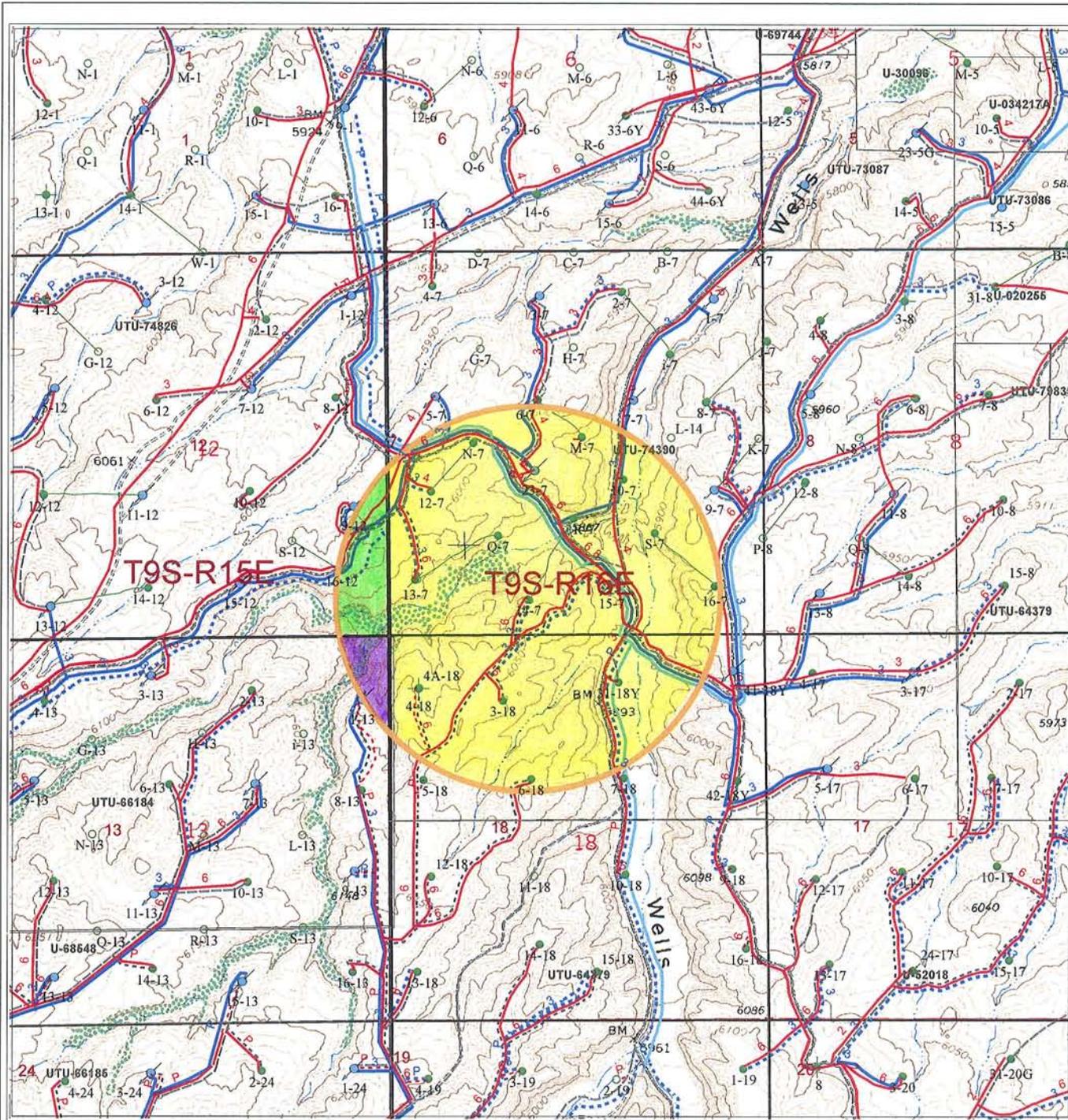
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure 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
  - Countyline
- Injection system**
- high pressure
  - low pressure
  - ⋯ proposed
  - return
  - ⋯ return proposed
- Gas Pipelines**
- Gathering lines
  - ⋯ Proposed lines
  - Leases
  - Mining tracts
  - 14-7-9-16 1/2mile radius

UTU-74390  
 UTU-66184  
 UTU-74824

# Attachment A

Federal 14-7-9-16  
Section 7, T9S-R16E

NEWFIELD  
ROCKY MOUNTAINS 1" = 2000'

1/2 Mile Radius Map  
Duchesne County

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

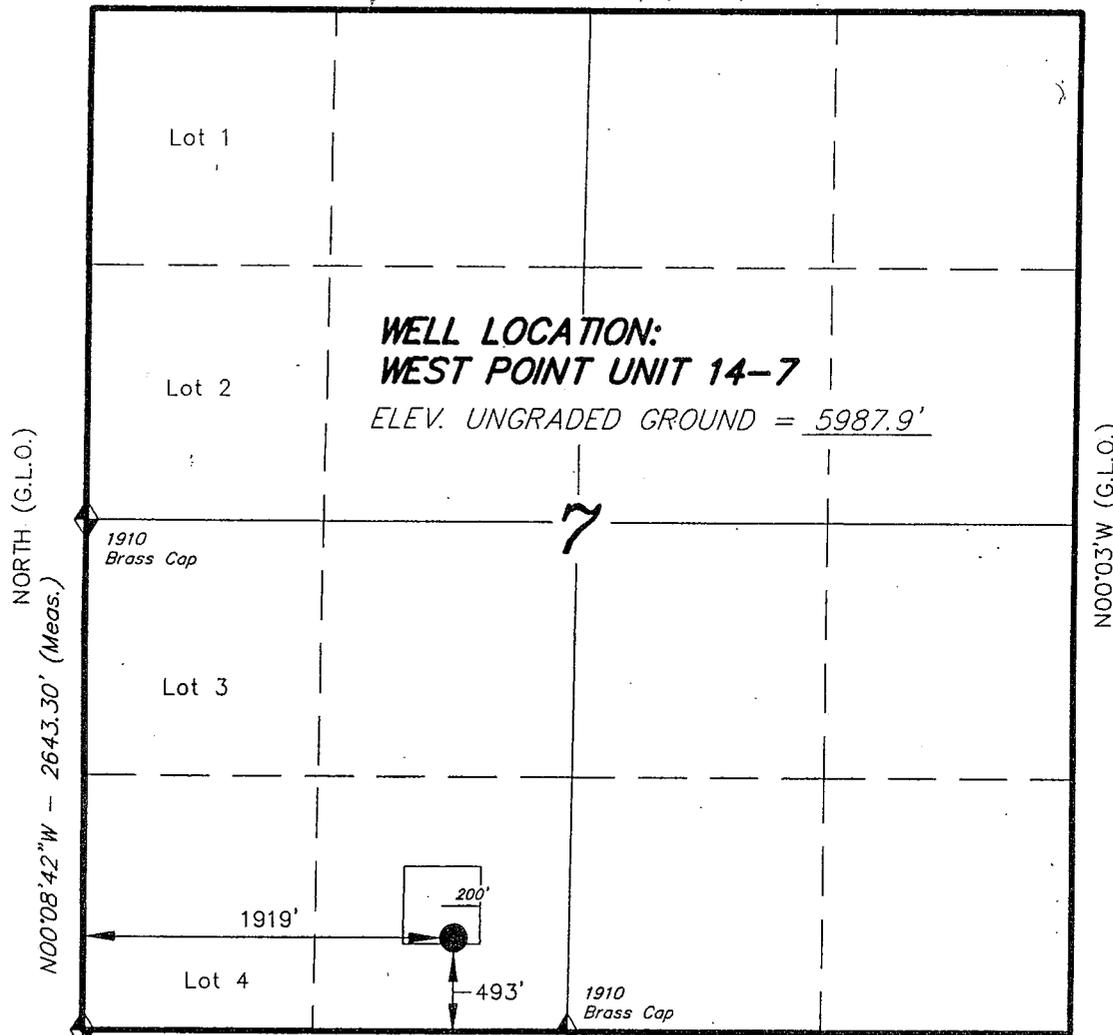
January 21, 2009

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

## NEWFIELD PRODUCTION COMPANY

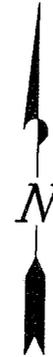
S89°56'E - 77.76 (G.L.O.)

WELL LOCATION, WEST POINT UNIT 14-7,  
LOCATED AS SHOWN IN THE SE 1/4 SW  
1/4 OF SECTION 7, T9S, R16E, S.L.B.&M.  
DUCHESNE COUNTY, UTAH.



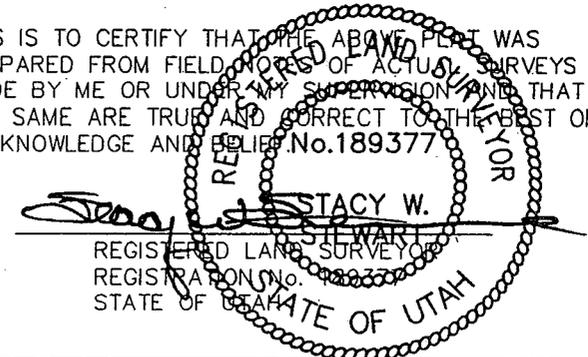
**WELL LOCATION:**  
**WEST POINT UNIT 14-7**  
ELEV. UNGRADED GROUND = 5987.9'

1910 Brass Cap S89°56'E (G.L.O.) - Basis of Bearings  
2509.12' (Measured) S89°56'E - 78.00 (G.L.O.)



Attachment A-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: C.M.

DATE: 9-23-04

DRAWN BY: F.T.M.

NOTES:

FILE #

EXHIBIT B

Page 1

1 of 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: W/2 Section 17: NW Section 18: Lots 1 & 3, NE, E2NW	UTU-74390 HBP	Newfield Production Company 1001 17 <sup>TH</sup> St Suite 2000 Denver, CO 80202 Yates Petroleum Corporation Yates Drilling Company Myco Industries Inc ABO Petroleum Corporation 105 S Fourth St. Artesia, NM 88210	(Surface Rights) USA
2.	<u>Township 9 South, Range 15 East</u> Section 13: N2, N2S2 Section 14: N2, N2S2 Section 15: Lots 1-3, E2	UTU-66184 HBP	Newfield Production Company 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
3.	<u>Township 9 South, Range 15 East</u> Section 1: All Section 3: All Section 10: All Section 11: All Section 12: All	UTU-74826 HBP	Newfield Production Company 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
West Point 14-7-9-16

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 8<sup>th</sup> day of April, 2009.

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

My Commission Expires: 2/10/2013



# West Point 14-7-9-16

Spud Date: 02/09/06  
 Put on Production: 03/24/06  
 K.B.: 6000, G.L.: 5988

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.55')  
 DEPTH LANDED: 317.45' KB  
 HOLE SIZE: 12-1/4"  
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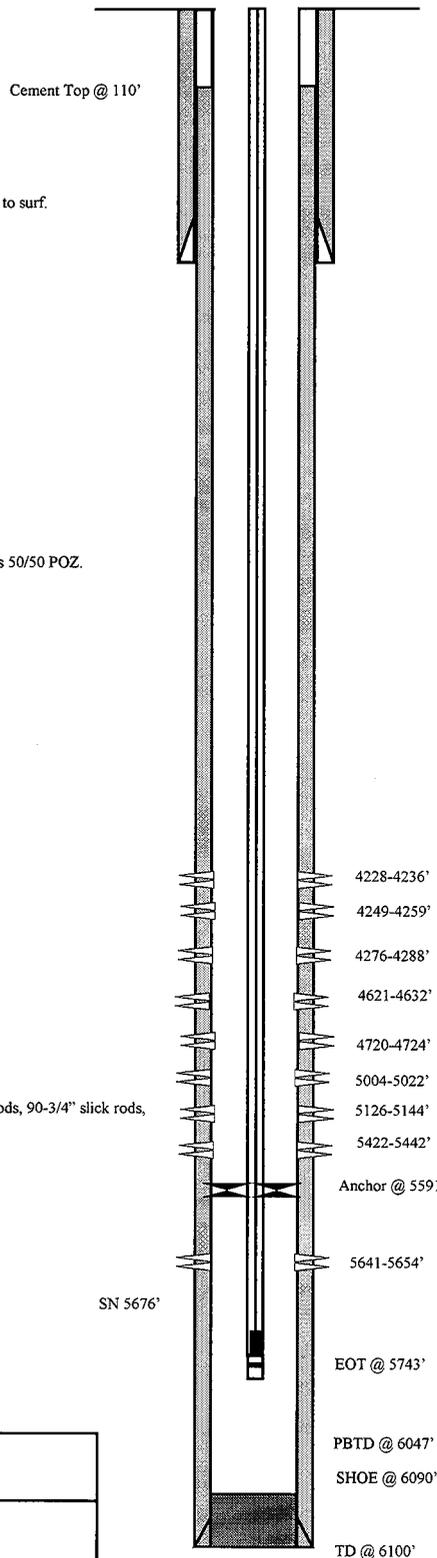
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 CEMENT TOP @: 110'

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 NO. OF JOINTS: 173 jts (5579.79')  
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 SN LANDED AT: 5659.59' KB  
 NO. OF JOINTS: 2 jts (64.95')  
 TOTAL STRING LENGTH: EOT @ 5726.09' w/12 KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 2-6" x 3/4" pony sub, 100-3/4" guided rods, 90-3/4" slick rods, 30-3/4" guided rods, 6-1 1/2" weight bars.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12x 15' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, 4 SPM:



**FRAC JOB**

03-14-06	5641-5654'	<b>Frac CP1, sands as follows:</b> 40008# 20/40 sand in 460 bbls Lightning 17 frac fluid. Treated @ avg press of 1935 psi w/avg rate of 25.3 BPM. ISIP 1970 psi. Calc flush: 5652 gal. Actual flush: 5670 gal.
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03/15/06	4249-4259'	4 JSPF	40 holes
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**NEWFIELD**

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**West Point 14-7-9-16**

493' FSL & 1919' FWL

SE/SW Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-32745; Lease #UTU-74390

# Nine Mile #6-7-9-16

Spud Date: 11/10/97  
 Put on Production: 4/14/03  
 GL: 5960' KB: 5972'

Initial Production: 128 BOPD,  
 128 MCFPD, 10 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (283.47')  
 DEPTH LANDED: 284.14' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (5897.53')  
 DEPTH LANDED: 5908.49'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 405 sxs Hibond mixed & 345 sxs thixotropic  
 CEMENT TOP AT: 170'

**TUBING**

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 181 jts (5628.41')  
 TUBING ANCHOR: 5640.41' KB  
 NO. OF JOINTS: 1 jt (31.41')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5674.58' KB  
 NO. OF JOINTS: 2 jts (62.83')  
 TOTAL STRING LENGTH: EOT @ 5739' KB

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 22' SM  
 SUCKER RODS: 6-1 1/2" weight rods, 14-3/4" scraped rods, 111-3/4" plain rods, 95-3/4" scraped rods, 1-8" x 3/4" pony rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 15.5' RHAC  
 STROKE LENGTH: 52"  
 PUMP SPEED, SPM: 7 SPM  
 LOGS: DIGL/SP/GR/CAL (5914'-295')  
 DSN/SDL/GR (5888'-3000')

**FRAC JOB**

12/22/97 5708'-5757' **Frac CP sand as follows:**  
 127,200# of 20/40 sd in 621 bbls Boragel.  
 Treated @ avg rate 31.2 bpm, avg press 1700 psi. ISIP 2300 psi. Calc. Flush: 5708 gal. Actual flush: 5955 gal.

12/24/97 4928'-4976' **Frac C sand as follows:**  
 111,400# of 20/40 sd in 574 bbls Delta Frac.  
 Treated @ avg rate of 28 BPM, avg press 1700 psi. ISIP 1873 psi. Calc. Flush: 4928 gal. Actual flush: 4838 gal.

12/30/97 4799'-4824' **Frac D sand as follows:**  
 124,300# 20/40 sand in 574 bbls Delta Frac.  
 Treated w/avg press of 1690 psi w/avg rate of 28.2 BPM. ISIP 2235 psi. Calc. Flush: 4799 gal. Actual flush: 4695 gal.

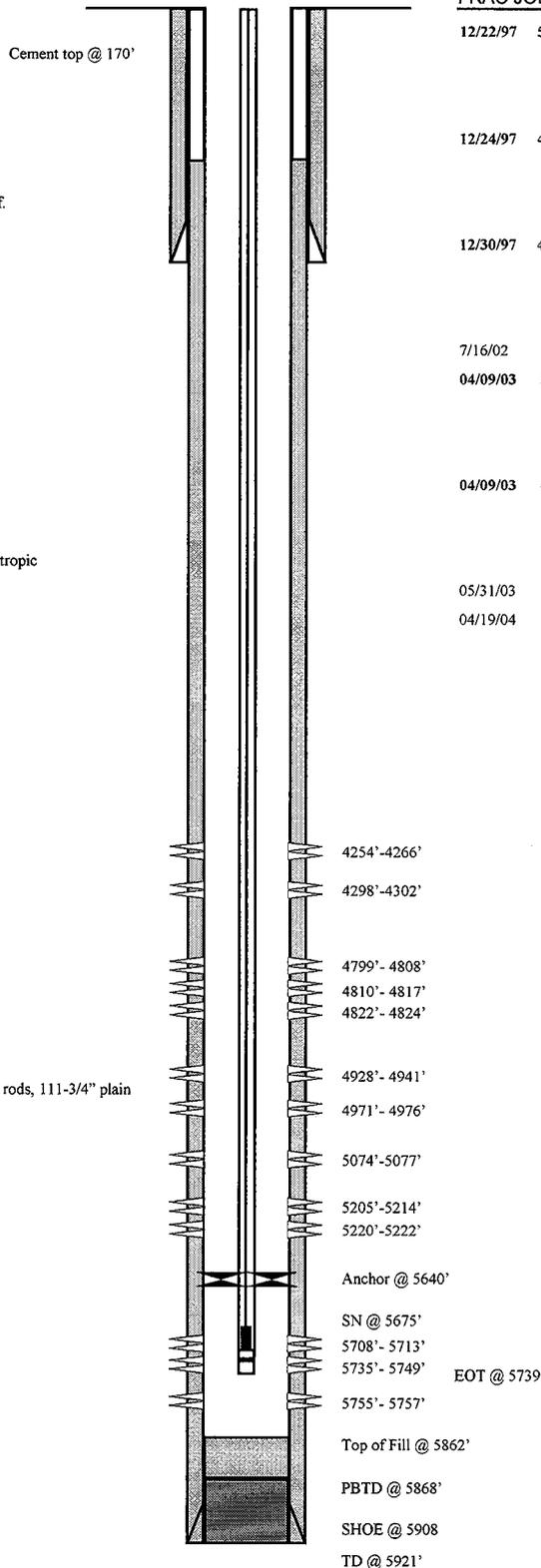
7/16/02 Tubing leak. Update rod and tubing details.

04/09/03 5074'-5222' **Frac B2 & A1 sands as follows:**  
 48,894# 20/40 sand in 393 bbls Viking I-25 fluid. Treated @ avg. press of 4000 psi with avg. rate of 18.2 BPM. ISIP 1960 psi. Calc. Flush: 1,315 gal. Actual flush: 1218 gal.

04/09/03 4254'-4302' **Frac GB sands as follows:**  
 68,104# 20/40 sand in 516 bbls Viking I-25 fluid. Treated @ avg. press of 2140 psi with avg. rate of 26.8 BPM. ISIP 2130 psi. Calc. flush: 4253 gal. Actual flush: 4158 gal.

05/31/03 Stuck Pump. Update rod detail.

04/19/04 Pump Change.



**PERFORATION RECORD**

Date	Depth Range	Tool	Holes
12/19/97	5708'-5713'	4 JSPF	20 holes
12/19/97	5735'-5749'	4 JSPF	56 holes
12/19/97	5755'-5757'	4 JSPF	8 holes
12/23/97	4928'-4941'	4 JSPF	52 holes
12/23/97	4971'-4976'	4 JSPF	20 holes
12/29/97	4799'-4808'	4 JSPF	36 holes
12/29/97	4810'-4817'	4 JSPF	28 holes
12/29/97	4822'-4824'	4 JSPF	8 holes
04/07/03	4254'-4266'	4 JSPF	48 holes
04/07/03	4298'-4302'	4 JSPF	16 holes
04/07/03	5074'-5077'	4 JSPF	12 holes
04/07/03	5205'-5214'	4 JSPF	36 holes
04/07/03	5220'-5222'	4 JSPF	8 holes



**Nine Mile #6-7**  
 2036 FNL & 2070 FWL  
 SE/NW Section 7-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31776; Lease #UTU-74390

# West Point Fed #N-7-9-16

Spud Date: 4/22/08  
 Put on Production: 5/29/08  
 GL: 6017' KB: 6029'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (308.94')  
 DEPTH LANDED: 319'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: To surface with 160 sx Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 155 jts  
 DEPTH LANDED: 6351'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sx Premlite II and 425 sx 50/50 Poz  
 CEMENT TOP AT: 50'

### TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 185 jts (5794.23')  
 TUBING ANCHOR: 5806.23' KB  
 NO. OF JOINTS: 1 jt (31.36')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5840.39' KB  
 NO. OF JOINTS: 2 jts (63.17')  
 TOTAL STRING LENGTH: EOT @ 5905.11' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod  
 SUCKER RODS: 2', 4', x 7/8" pony rods, 229- 7/8" scraped rods, 4-1 1/2" weight rods  
 PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RHAC pump w/sm plunger  
 STROKE LENGTH: 96"  
 PUMP SPEED, SPM: 6

### FRAC JOB

5/21/08 5836-5845' **RU BJ & frac CP1 sds as follows:**  
 30,088# 20/40 sand in 411 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2238 w/ ave rate of 23.3 bpm w/ 6.5 ppg of sand. ISIP was 2100. Actual Flush: 5334 gals.

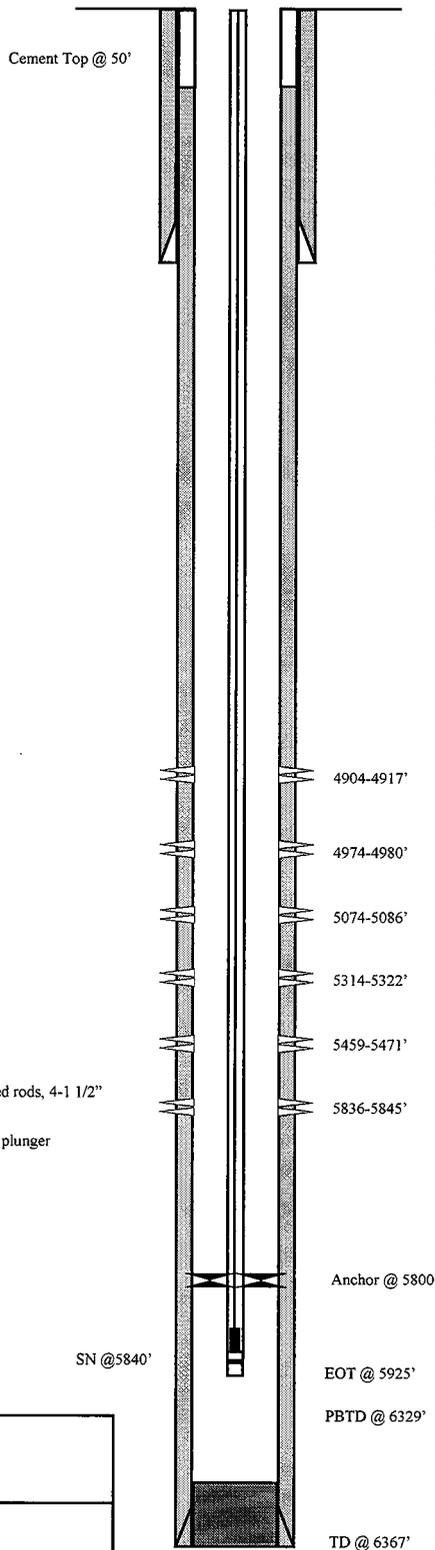
5/21/08 5459-5471' **RU BJ & frac stage #2 as follows:**  
 14,814# 20/40 sand in 284 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2177 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 1955. Actual Flush: 4998 gals.

5/21/08 6314-5322' **RU BJ & frac stage #3 as follows:**  
 19,919# 20/40 sand in 317 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2177 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 2015. Actual Flush: 4830 gals.

5/22/08 5074'-5086' **RU BJ & frac stage #4 as follows:**  
 55,473# 20/40 sand in 500 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1797 w/ ave rate of 23.4 bpm w/ 8 ppg of sand. ISIP was 1865. Actual Flush: 4620 gals.

5/22/08 4974-4980' **RU BJ & frac stage #5 as follows:**  
 20,062# 20/40 sand in 314 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2251 w/ ave rate of 25.8 bpm w/ 6.5 ppg of sand. ISIP was 2010. Actual Flush: 4494 gals.

5/22/08 4904-4917' **RU BJ & frac stage #6 as follows:**  
 72,392# 20/40 sand in 600 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2401 w/ ave rate of 23.4 bpm w/ 8 ppg of sand. ISIP was 2320. Actual Flush: 4872 gals.



### PERFORATION RECORD

Date	Depth Range	Tool	Holes
5/22/08	4904-4917'	4 JSPF	52 holes
5/22/08	4974-4980'	4 JSPF	24 holes
5/22/08	5074-5086'	4 JSPF	48 holes
5/21/08	5314-5322'	4 JSPF	32 holes
5/21/08	5459-5471'	4 JSPF	48 holes
5/21/08	5836-5845'	4 JSPF	36 holes

**NEWFIELD**

West Point Fed #N-7-9-16  
 2002' FSL & 594' FWL  
 NW/SW Section 7-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33711; Lease #UTU-74390

# West Point Federal M-7-9-16

Spud Date: 8/25/08  
 Put on Production: 10/21/08  
 GL: 5959' KB: 5971'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (334.43')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 162 jts. (6279.20')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6300'  
 CEMENT DATA: 350 sk Prem. Lite II mixed & 475 sxs 50/50 POZ.  
 CEMENT TOP AT: 0'

**TUBING**

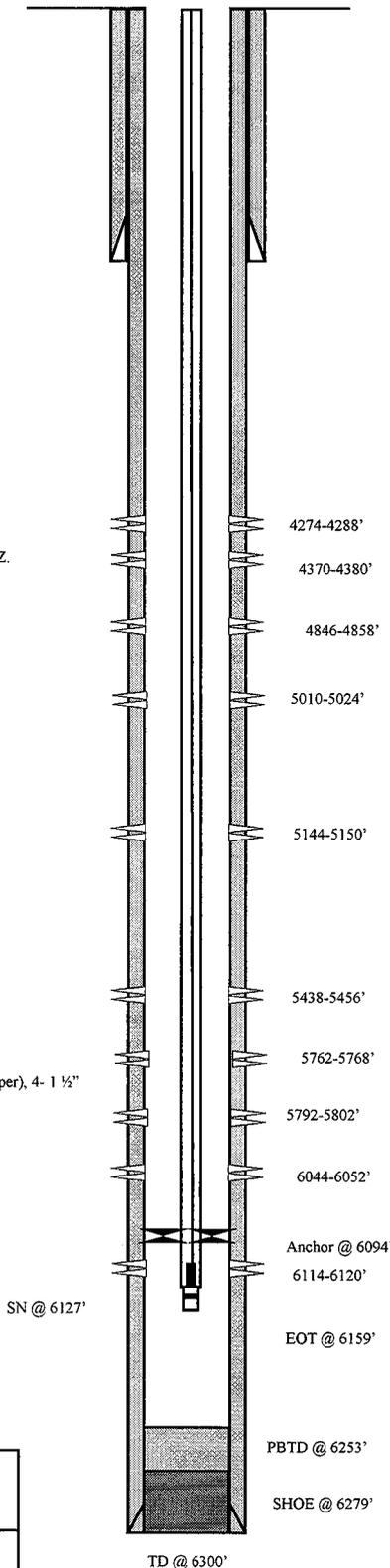
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 198 jts (6082.09')  
 TUBING ANCHOR: 6094.09'  
 NO. OF JOINTS: 1 jts (30.30')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6127.19' KB  
 NO. OF JOINTS: 1 jts (30.70')  
 TOTAL STRING LENGTH: EOT @ 6159.44'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1- 4' x 7/8" pony rods, 240- 7/8" guided rods (8 per), 4- 1 1/2" weight rods  
 PUMP SIZE: 2-1/2" x 1-3/4" x 21' RHAC pump  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM: 5

**FRAC JOB**

- 10/13/08 6044-6052' **Frac CP.5 sands as follows:**  
 Frac with 24982 #'s of 20/40 sand in 384 bbls Lightning 17 fluid. Treat at an ave pressure of 2036 psi @ 23.2 BPM. ISIP 1919 psi.
- 10/13/08 5762-5802' **Frac CP1 & CP2 sands as follows:**  
 Frac with 44978 #'s of 20/40 sand in 452 bbls Lightning 17 fluid. Treat at an ave pressure 1600 psi @ 23.2 BPM. ISIP 1926 psi.
- 10/13/08 5438-5456' **Frac LODC sands as follows:**  
 Frac with 60003 #'s of 20/40 sand in 517 bbls Lightning 17 fluid. Treat at an ave pressure of 2353 psi @ 23.1 BPM. ISIP 2837 psi.
- 10/13/08 5144-5150' **Frac B2 sands as follows:**  
 Frac with 19858 #'s of 20/40 sand in 353 bbls Lightning 17 fluid. Treat at an ave pressure of 2301 psi @ 23 BPM. ISIP 1931 psi.
- 10/14/08 5010-5024' **Frac C sands as follows:**  
 Frac with 40196 #'s of 20/40 sand in 403 bbls Lightning 17 fluid. Treat at an ave pressure of 2140 psi @ 23.1 BPM. ISIP 2126 psi.
- 10/14/08 4846-4858' **Frac D1 sands as follows:**  
 Frac with 35141 #'s of 20/40 sand in 368 bbls Lightning 17 fluid. Treat at an ave pressure of 1966 psi @ 23.2 BPM. ISIP 2070 psi.
- 10/14/08 4370-4380' **Frac GB6 sands as follows:**  
 Frac with 29564 #'s of 20/40 sand in 378 bbls Lightning 17 fluid. Treat at an ave pressure of 2016 psi @ 23.1 BPM. ISIP 1922 psi.
- 10/14/08 4274-4288' **Frac GB4 sands as follows:**  
 Frac with 46855 #'s of 20/40 sand in 427 bbls Lightning 17 fluid. Treat at an ave pressure of 2018 psi @ 23.2 BPM. ISIP 2065 psi.



**PERFORATION RECORD**

Depth Range	ISIP	Holes
4274-4288'	4 JSPF	56 holes
4370-4380'	4 JSPF	40 holes
4846-4858'	4 JSPF	48 holes
5010-5024'	4 JSPF	56 holes
5144-5150'	4 JSPF	24 holes
5438-5456'	4 JSPF	72 holes
5762-5768'	4 JSPF	24 holes
5792-5802'	4 JSPF	40 holes
6044-6052'	4 JSPF	32 holes
6114-6120'	4 JSPF	24 holes

**NEWFIELD**

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West Point Federal M-7-9-16  
 2040' FNL & 2054' FWL  
 SENW Section 7-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33984; UTU-74390

Nine Mile #12-7-9-16

Spud Date: 3-16-98  
 Put on Production: 4/24/98  
 GL: 6013' KB: 6025'

Initial Production: 123 BOPD,  
 169 MCFPD, 4 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts  
 DEPTH LANDED: 304'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 6 bbbs to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (5930')  
 DEPTH LANDED: 5942.18'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 380 sks Hibond mixed & 320 sks thixotropic  
 CEMENT TOP AT: 190'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 183 jts (5680.73')  
 TUBING ANCHOR: 5692.73'  
 NO. OF JOINTS: 1 jts (30.22')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5725.75' KB  
 NO. OF JOINTS: 2 jts Gas anchor (61.70')  
 TOTAL STRING LENGTH: EOT @ 5789.00'

**SUCKER RODS**

POLISHED ROD: 1-1 1/2" x 22' SM  
 SUCKER RODS: 6-1 1/2" weight bars; 23-3/4" scraped rods; 106-3/4" plain rods, 93-3/4" scraped rods, 4', 4', 4', 2', 2', x 3/4" pony rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 14.5 RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 5 SPM

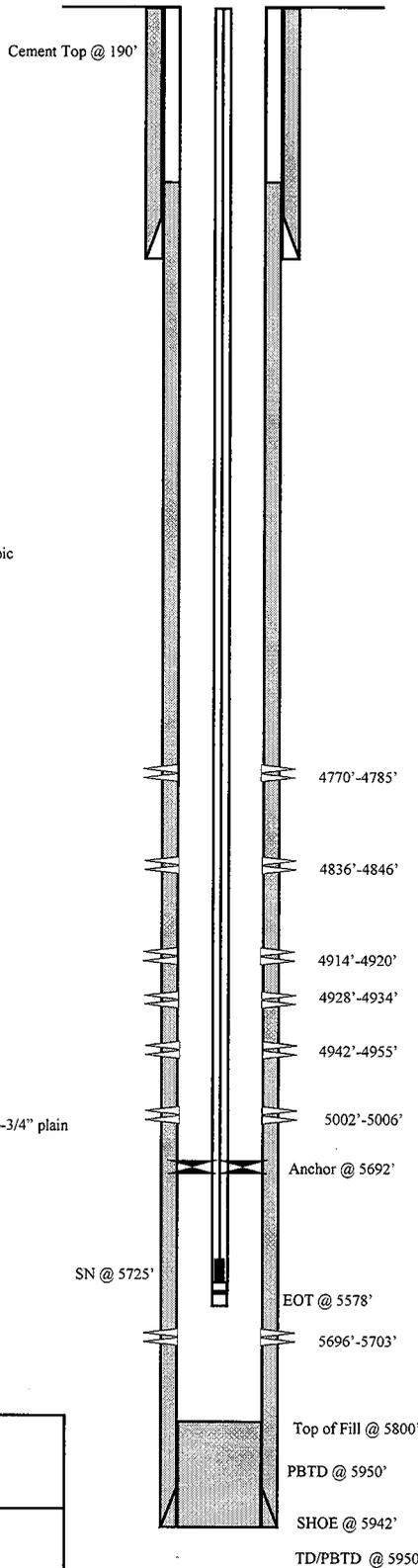
**FRAC JOB**

4/15/98 5696'-5703' **Frac CP sand as follows:**  
 120,300# of 20/40 sd in 598 bbbs  
 Delta Gel. Treated @ avg press 2140 psi.  
 & avg rate 28 bpm, ISIP 2542 psi.  
 Flowback for 4.5 hrs & died.

4/16/98 4914'-5006' **Frac C/B sands as follows:**  
 92,400# of 20/40 sd in 468 bbbs  
 Delta Gel. Treated @ avg press 1350 psi.  
 & avg rate 28.1 bpm, ISIP 2564 psi.  
 Flowback for 2.5 hrs & died.

4/20/98 4770'-4846' **Frac D sand as follows:**  
 115,300# of 20/40 sd in 534 bbbs  
 Delta Gel. Treated @ avg press 2400 psi.  
 & avg rate 32 bpm, ISIP 3233 psi.  
 Flowback for 2.5 hrs & died.

1/31/02 Pump change. Update rod and tubing details.  
 4/05/02 Pump change. Update rod and tubing details.  
 7/31/03 Pump change. Update rod detail.  
 03/01/06 Pump Change. Update rod and tubing details.



**PERFORATION RECORD**

Date	Interval	Tool	Holes
4/15/98	5696'-5703'	4 JSPF	28 holes
4/16/98	5002'-5006'	4 JSPF	16 holes
4/16/98	4942'-4955'	4 JSPF	52 holes
4/16/98	4928'-4934'	4 JSPF	24 holes
4/16/98	4914'-4920'	4 JSPF	24 holes
4/18/98	4836'-4846'	4 JSPF	90 holes
4/18/98	4770'-4785'	4 JSPF	60 holes

**NEWFIELD**

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**Nine Mile #12-7-9-16**  
 1980 FSL & 594 FWL  
 NWSW Section 7-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32014; Lease #UTU-74390

Spud Date: 10/16/96  
 Put on Production: 11/19/96  
 Put on Injection: 4/4/00  
 GL: 5986' KB: 5996'

# Monument Federal 23-7-9-16Y

Initial Production: ? BOPD, ?  
 MCFPD, ? BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 288'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: ?

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 138 jts. (5868.42')  
 DEPTH LANDED: 5878.42'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sx Super "G" & 340 sx 50/50 Poz

**TUBING**

SIZE/GRADE/WT.: 2-7/8" 6.5 J-55  
 NO. OF JOINTS: 135 jts. (4178.11' KB)  
 SN LANDED AT: 4188.11' KB  
 ARROWSET PACKER: 4192.51' KB  
 TOTAL STRING LENGTH: 4196.61' KB

**FRAC JOB**

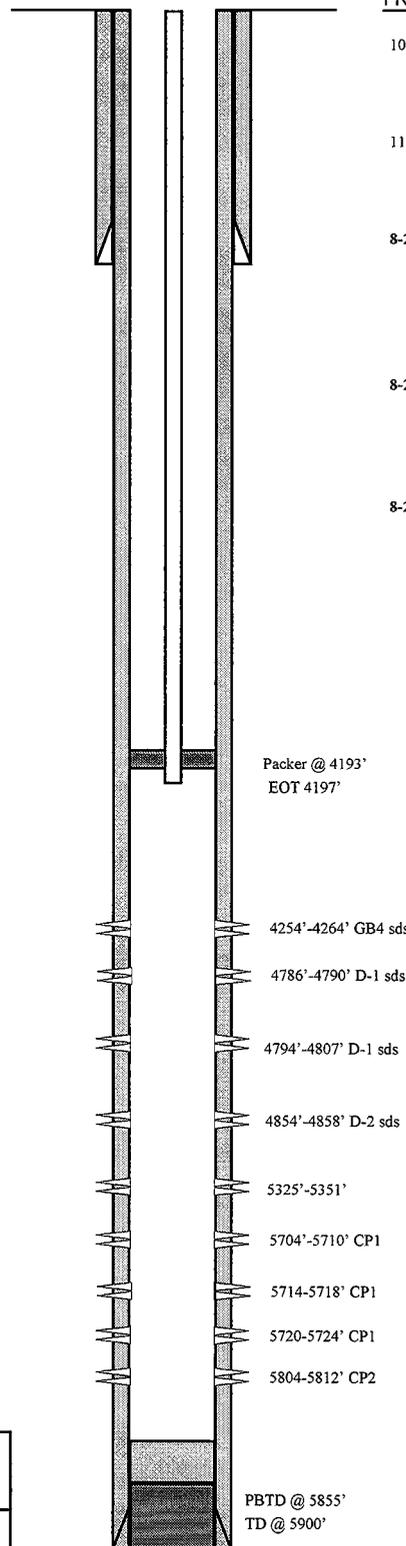
10-30-96 5325'-5351' **Frac as follows:**  
 23,200# 20/40 & 57,880# 16/30 sand in 535  
 bbls 2% KCL. ATP- 2790 psi, ATR-32 BPM.  
 ISIP- 2660 psi, 5 min 2120 psi.

11-04-96 4786'-4858' **Frac as follows:**  
 56,000# 16/30 sand in 483 bbls 2% KCL.  
 ATP-2350 psi, ATR-32.9 BPM. ISIP-2500  
 psi, 5 min 1760 psi.

8-26-05 5704-5812' **Frac CP2 & CP1 sand as follows:**  
 18892#'s 20/40 sand in 190 bbls Lightning  
 17 frac fluid. Treated @ ave. pressure of  
 2521 psi w/ave rate of 14.2 BPM. ISIP 1500  
 psi. Calc flush: 1457.40 gal. Actual flush:  
 1344 gals.

8-26-05 4254-4264' **Frac GB4 sand as follows:**  
 14698#'s 20/40 sand in 152 bbls Lightning 17  
 frac fluid. Treated @ ave pressure of 2700 psi  
 w/ave rate of 14.2 BPM. ISIP 1500 psi. Calc.  
 Flush: 1092 gals. Actual Flush: 966 gals.

8-29-05 **MIT completed.**



**PERFORATION RECORD**

Date	Depth Range	Completion Type	Holes
10-29-96	5325'-5351'	2 JSPF	52 holes
11-01-96	4786'-4790'	4 JSPF	16 holes
11-01-96	4794'-4807'	4 JSPF	52 holes
11-01-96	4854'-4858'	4 JSPF	16 holes
8-25-05	5804-5812'	4 JSPF	32 holes
8-25-05	5720-5724'	4 JSPF	16 holes
8-25-05	5714-5718'	4 JSPF	16 holes
8-25-05	5704-5710'	4 JSPF	24 holes
8-25-05	4254-4265'	4 JSPF	40 holes

**NEWFIELD**

**Monument Federal 23-7-9-16Y**  
 2259' FSL & 2020' FWL  
 NESW Section 7-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31694; Lease #U-74390

# Nine Mile 10-7-9-16

Spud Date: 12/1/97  
 Put on Production: 1/10/98  
 GL: 5850' KB: 5862'

Initial Production: 150 BOPD,  
 186 MCFPD, 30 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (290')  
 DEPTH LANDED: 303' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 200 sxs Premium cmt, est 4 bbls to surf.

**PRODUCTION CASING**

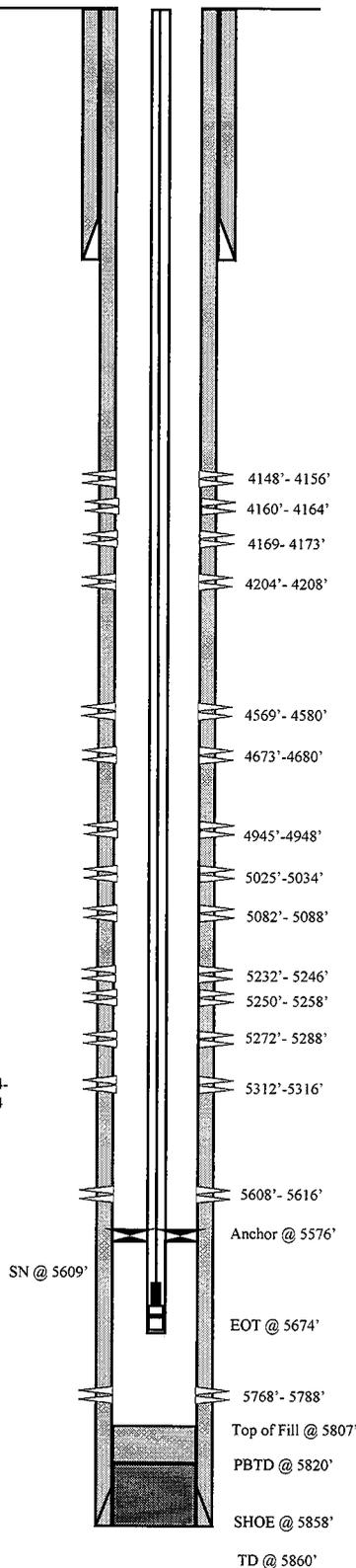
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (5847')  
 DEPTH LANDED: 5858' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 430 sks Hibond mixed & 360 sks thixotropic  
 CEMENT TOP AT: ? Per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 178 jts (5563.88')  
 TUBING ANCHOR: 5575.88' KB  
 NO. OF JOINTS: 1 jt (31.15')  
 SN LANDED AT: 5609.78' KB  
 NO. OF JOINTS: 2 jts (62.55')  
 2 7/8 NC (.40')  
 TOTAL STRING LENGTH: EOT @ 5673.83' w12' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished rod  
 SUCKER RODS: 1-8", 1-6", 2-4' X 3/4" pony rod, 91-3/4" guided rods, 74-3/4" slick rods, 52-3/4" guided rods (bottom 20 new), 2- 1 5/8" wt. bars, 4 1 1/2" wt bars  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16' RHAC pump w/ 120" SL  
 STROKE LENGTH: 86  
 PUMP SPEED, 5 SPM



**FRAC JOB**

12/30/97	5608'-5788'	<b>Frac CP sand as follows:</b> 129,100# of 20/40 sd in 627 bbls Delta Frac. Treated @ avg rate 35 bpm, avg press 1600 psi. ISIP-2029 psi. Calc. flush: 5608 gal. Actual flush: 5551 gal.
1/1/98	5232'-5316'	<b>Frac LDC sand as follows:</b> 125,400# of 20/40 sd in 560 bbls Delta Frac. Treated @ avg rate of 30.3 BPM, avg press 2600 psi. ISIP-2892 psi. Calc. flush: 5232 gal. Actual flush: 5198 gal.
1/4/98	4945'-5088'	<b>Frac A sand as follows:</b> 127,200# 20/40 sand in 608 bbls Delta Frac. Treated w/avg press of 2493 psi w/avg rate of 35 BPM. ISIP - 3120 psi. Calc. flush: 4945 gal. Actual flush: 4844 gal.
1/8/98	4569'-4580'	<b>Frac YDC sands as follows:</b> 59,000# 20/40 sand in 374 bbls of Delta Frac. Treated @ avg press of 2800 psi w/avg rate of 27 BPM. ISIP-3904 psi. Screened out w/ 1146 gal flush remaining. Calc. flush: 4569 gal. Actual flush: 3337 gal.
4/16/99		Pump change. Update rod and tubing details.
5/5/03	4673'-4680'	<b>Frac D1 sand as follows:</b> 25,028# 20/40 sand in 218 bbls of Viking I-25 fluid. Treated @ avg press of 2661 psi w/avg rate of 16 BPM. ISIP-1720 psi. Calc flush: 1204 gal. Actual flush: 1134 gal.
5/5/03	4148'-4208'	<b>Frac GB4 sand as follows:</b> 49,527# 20/40 sand in 400 bbls of Viking I-25 fluid. Treated @ avg press of 1679 psi w/avg rate of 22 BPM. ISIP-2070 psi. Calc. flush: 4146 gal. Actual flush: 4074 gal.
5/5/04		Parted rods. Update rod detail.
01/10/06		Pump change. Update rod and tubing details.
05/04/06		Pump change. Update tubing & rod detail
7/22/08		pump change. Updated rod and tubing detail

**PERFORATION RECORD**

12/25/97	5608'-5616'	4 JSPF	32 holes
12/25/97	5768'-5788'	4 JSPF	80 holes
12/31/97	5232'-5246'	4 JSPF	56 holes
12/31/97	5250'-5258'	4 JSPF	32 holes
12/31/97	5272'-5288'	4 JSPF	64 holes
12/31/97	5312'-5316'	4 JSPF	16 holes
1/3/98	4945'-4948'	4 JSPF	12 holes
1/3/98	5025'-5034'	4 JSPF	36 holes
1/3/98	5082'-5088'	4 JSPF	24 holes
1/6/98	4569'-4580'	4 JSPF	44 holes
05/2/03	4673'-4680'	4 JSPF	28 holes
05/2/03	4204'-4208'	4 JSPF	16 holes
05/2/03	4169'-4173'	4 JSPF	16 holes
5/02/03	4160'-4164'	4 JSPF	16 holes
5/02/03	4148'-4156'	4 JSPF	32 holes

**NEWFIELD**

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**Nine Mile 10-7-9-16**  
 2131 FSL & 1910 FEL  
 NW/SE Section 7-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31773; Lease #UTU-74390

# Ashley #9-12-9-15

Initial Production: 123.3 BOPD,  
67.4 MCFD, 34.6 BWPD

Spud Date: 1/23/2001  
Put on Production: 3/22/2001  
GL: 6042' KB: 6052'

Injection Wellbore  
Diagram

**SURFACE CASING**

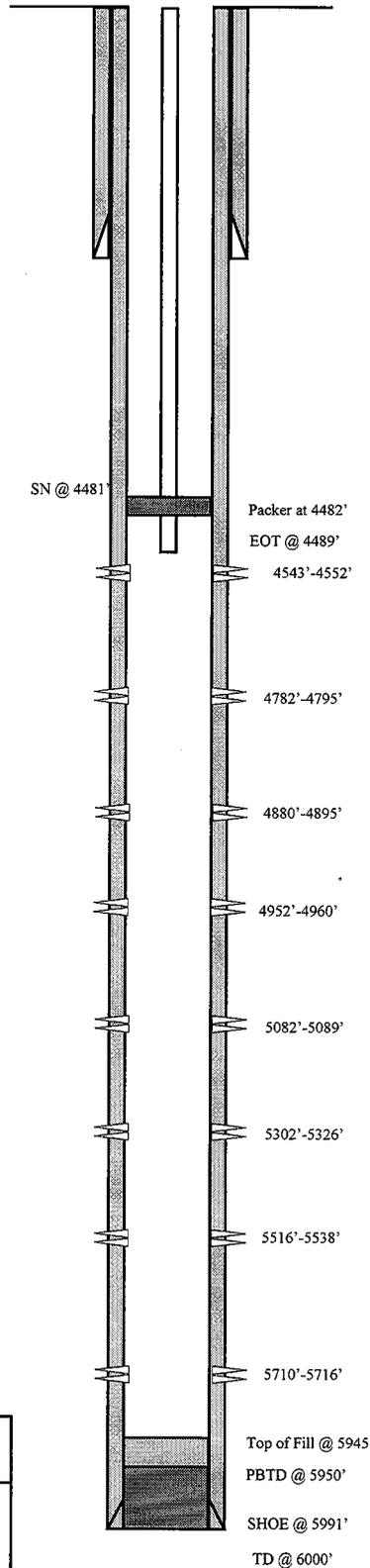
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (300.93')  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 145 sxs Class "G" cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. - landed at 5990.66'  
HOLE SIZE: 7-7/8"  
TOTAL DEPTH: 6000'  
CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: ? per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 139 jts (4470.63')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4480.63' KB  
PACKER: 4481.73'  
TOTAL STRING LENGTH: EOT @ 4489.04'



**FRAC JOB**

3/12/01	5710'-5716'	<b>Frac CP-1 sands as follows:</b> Frac with 27,000# 20/40 sand in 293 bbls Viking I-25 fluid. Perfs broke down @ 4200 psi. Treat at 1840 psi @ 29 BPM. ISIP 2045 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 1.5 hrs. then died.
3/13/01	5516'-5538'	<b>Frac LDC sands as follows:</b> Set plug at 5625'. Frac with 106,000# 20/40 sand in 751 bbls Viking I-25 fluid. Perfs broke down @ 3500 psi. Treat at 2250 psi @ 30.5 BPM. ISIP 2545 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hr. then died.
3/14/01	5302'-5326'	<b>Frac A-3 sands as follows:</b> Set plug at 5420'. Frac with 105,500# 20/40 sand in 724 bbls Viking I-25 fluid. Perfs broke down @ 2229 psi. Treat at 2250 psi @ 30 BPM. ISIP 2270 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hrs. then died.
3/15/01	5082'-5089'	<b>Frac B-2 sands as follows:</b> Set plug at 5420'. Frac with 36,400# 20/40 sand in 319 bbls Viking I-25 fluid. Perfs broke down @ 4100 psi. Treat at 2250 psi @ 30 BPM. ISIP 2100 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 2.5 hrs. then died.
3/16/01	4952'-4960' 4880'-4895'	<b>Frac C/D-3 sands as follows:</b> Set plug at 4993'. Frac with 104,000# 20/40 sand in 715 bbls Viking I-25 fluid. Perfs broke down @ 1002 psi. Treat at 17205 psi @ 31 BPM. ISIP 2420 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 2 hrs. then died.
3/19/01	4782'-4795'	<b>Frac D-1 sands as follows:</b> Set plug at 4826'. Frac with 64,040# 20/40 sand in 297 bbls Viking I-25 fluid. Perfs broke down @ 4068 psi. Treat at 2360 psi @ 30 BPM. ISIP 2595 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 2 hrs. then died.
12/19/02		Converted to Injector
01/04/07		Workover.

**PERFORATION RECORD**

4782'-4795'	4 JSPF	20 holes	
4880'-4895'	4 JSPF	28 holes	
4952'-4960'	4 JSPF	32 holes	
5082'-5089'	4 JSPF	56 holes	
5302'-5326'	4 JSPF	80 holes	
5516'-5538'	4 JSPF	88 holes	
5710'-5716'	4 JSPF	88 holes	
12/17/02	4543'-4552'	4 JSPF	36 holes

**NEWFIELD**

**Ashley Federal #9-12-9-15**  
1790' FSL & 470' FEL  
NESE Section 12-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32171; Lease #UTU-74826

# West Point Fed #Q-7-9-16

Spud Date:  
Put on Production:  
GL: KB:

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (324.65')  
DEPTH LANDED: 334.65'  
HOLE SIZE: 12-1/4"  
CEMENT DATA:

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 162 jts (6450.06')  
DEPTH LANDED: 6306'  
HOLE SIZE: 7-7/8"  
CEMENT DATA:  
CEMENT TOP AT: 30'

**TUBING**

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 197 jts (6059.36')  
TUBING ANCHOR: 6071.36' KB  
NO. OF JOINTS: 1 jt (30.86')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 6105.02' KB  
NO. OF JOINTS: 1 jts (31.02')  
TOTAL STRING LENGTH: EOT @ 6137.59'

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 26' polished rod  
SUCKER RODS: 1-2', 1-6' x 7/8" pony subs, 239-7/8" guided rods (8 per), 4-1 1/2" wt bars.  
PUMP SIZE: 2 1/2" x 1 3/4" x 24.5' RHAC "CDI"  
STROKE LENGTH: 122"  
PUMP SPEED, SPM: 5

**FRAC JOB**

10/20/08 6094-6102' Frac CP5 sds as follows:  
25,026# 20/40 sand in 379 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2369 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2269 psi. Actual flush: 5586 gals.

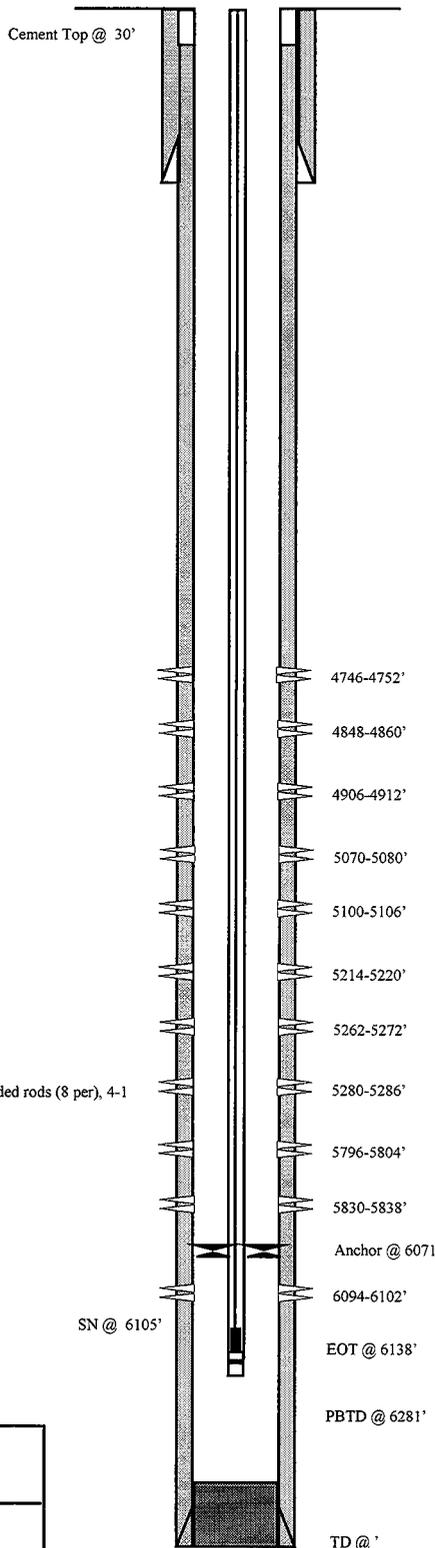
10/20/08 5796-5804' Frac CP1 & CP2 sds as follows:  
35,537# 20/40 sand in 401 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1718 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1922 psi. Actual flush: 5292 gals.

10/20/08 5214-5220' Frac A.5 & A1 sds as follows:  
48,211# 20/40 sand in 466 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1824 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2055 psi. Actual flush: 4708 gals.

10/20/08 5070-5080' Frac B.5 & B1 sds as follows:  
40,332# 20/40 sand in 419 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1978 psi @ ave rate of 23.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1997 psi. Actual flush: 4565 gals.

10/20/08 4848-4860' Frac D1 & D2 sds as follows:  
39,103# 20/40 sand in 409 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1926 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2055 psi. Actual flush: 4343 gals.

10/20/08 4746-4752' Frac DS2 sds as follows:  
26,838# 20/40 sand in 373 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2189 psi @ ave rate of 23.2 BPM. ISIP 2164 psi. Actual flush: 4704 gals.



**PERFORATION RECORD**

Date	Depth Range	Stages	Holes
10/20/08	4746-4752'	4 JSPF	24 holes
10/20/08	4848-4860'	4 JSPF	48 holes
10/20/08	4906-4912'	4 JSPF	24 holes
10/20/08	5070-5080'	4 JSPF	40 holes
10/20/08	5100-5106'	4 JSPF	24 holes
10/20/08	5214-5220'	4 JSPF	24 holes
10/20/08	5262-5272'	4 JSPF	40 holes
10/20/08	5280-5286'	4 JSPF	24 holes
10/20/08	5796-5804'	4 JSPF	32 holes
10/20/08	5830-5838'	4 JSPF	32 holes
10/20/08	6094-6102'	4 JSPF	32 holes



**West Point Fed #Q-7-9-16**  
780' FSL & 403' FWL  
SW/SW Section 7-T9S-R16E  
Duchesne Co, Utah  
API #43-013-33983; Lease #UTU-

# West Point Fed #R-7-9-16

Spud Date: 9/18/2008  
 Put on Production: 10/30/08  
 GL: 5991' KB: 6003'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (320.79')  
 DEPTH LANDED: 330.79'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: To surface with 160 sx Class G cement

**PRODUCTION CASING**

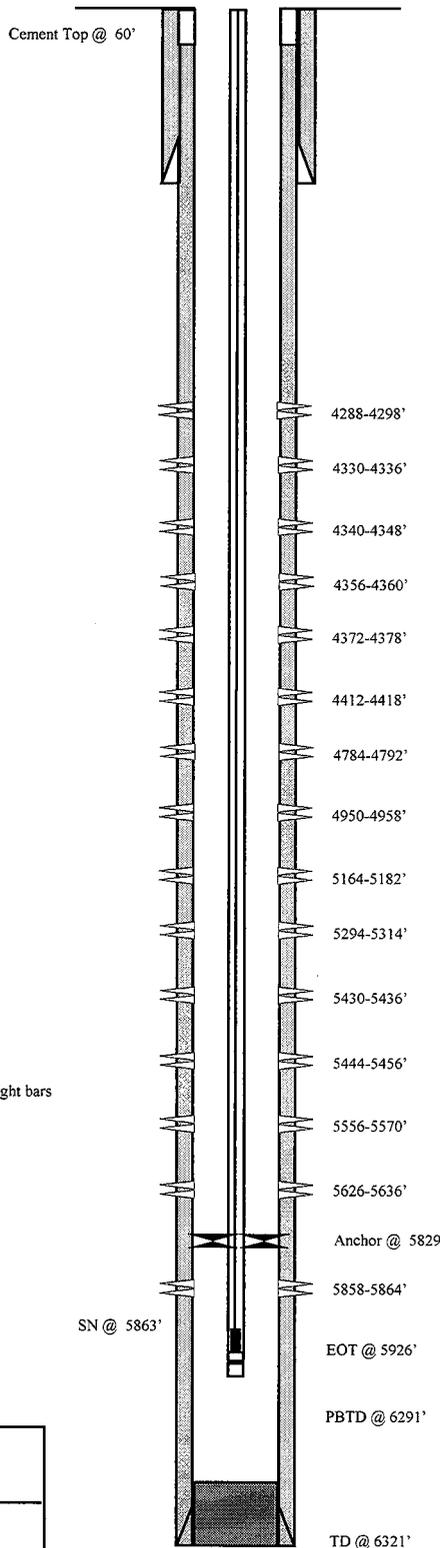
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: jts  
 DEPTH LANDED:  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 350 sx Premelite II and 475 sx 50/50 Poz  
 CEMENT TOP AT: 60'

**TUBING**

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 189 jts (5817.10')  
 TUBING ANCHOR: 5829.10' KB  
 NO. OF JOINTS: 1 jt (30.80')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5862.70' KB  
 NO. OF JOINTS: 2 jts (61.79')  
 TOTAL STRING LENGTH: EOT @ 5926.04'

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 26' polished rod  
 SUCKER RODS: 230-7/8" guided rods (8 per), 4- 1 1/2" weight bars  
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' RHAC "CDI"  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM: 5



**FRAC JOB**

**10/23/08 5858-5864' Frac CP2 sds as follows:**  
 25,074# 20/40 sand in 374 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2210 psi @ ave rate of 23.4 BPM. ISIP 2192 psi. Actual flush: 5351 gals.

**10/23/08 5556-5570' Frac LODC1 sds as follows:**  
 60,708# 20/40 sand in 526 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2417 psi @ ave rate of 23.5 BPM. ISIP 2435 psi. Actual flush: 5048 gals.

**10/23/08 5430-5436' Frac LODC2 sds as follows:**  
 29,466# 20/40 sand in 403 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2235 psi @ ave rate of 23.5 BPM. ISIP 2278 psi. Actual flush: 4922 gals.

**10/23/08 5294-5314' Frac A1 sds as follows:**  
 40,610# 20/40 sand in 418 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2417 psi @ ave rate of 23.4 BPM. ISIP 2464 psi. Actual flush: 4788 gals.

**10/23/08 5164-5182' Frac B2 sds as follows:**  
 40,370# 20/40 sand in 408 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2157 psi @ ave rate of 23.5 BPM. ISIP 2272 psi. Actual flush: 4658 gals.

**10/23/08 4950-4958' Frac D2 sds as follows:**  
 24,846# 20/40 sand in 350 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2339 psi @ ave rate of 23.4 BPM. ISIP 2136 psi. Actual flush: 4444 gals.

**4784-4792' 10/23/08 Frac DS2 sds as follows:**  
 35,449# 20/40 sand in 368 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2456 psi @ ave rate of 23.4 BPM. ISIP 2504 psi. Actual flush: 4280 gals.

**10/24/08 10/24/08 Frac GB2, GB4, GB6 sds as follows:**  
 101,148# 20/40 sand in 718 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1837 psi @ ave rate of 23.5 BPM. ISIP 2253 psi. Actual flush: 4200 gals.

**PERFORATION RECORD**

Date	Depth Range	Tool Type	Holes
10/23/08	4288-4298'	4 JSPF	40 holes
10/23/08	4330-4336'	4 JSPF	24 holes
10/23/08	4340-4348'	4 JSPF	32 holes
10/23/08	4356-4360'	4 JSPF	16 holes
10/23/08	4372-4378'	4 JSPF	24 holes
10/23/08	4412-4418'	4 JSPF	24 holes
10/23/08	4784-4792'	4 JSPF	32 holes
10/23/08	4950-4958'	4 JSPF	32 holes
10/23/08	5164-5182'	4 JSPF	72 holes
10/23/08	5294-5314'	4 JSPF	80 holes
10/23/08	5430-5436'	4 JSPF	24 holes
10/23/08	5444-5456'	4 JSPF	48 holes
10/23/08	5556-5570'	4 JSPF	56 holes
10/23/08	5626-5636'	4 JSPF	40 holes
10/23/08	5858-5864'	4 JSPF	24 holes



**West Point Fed #R-7-9-16**  
 484' FSL & 1941' FWL  
 SE/SW Section 7-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33974; Lease #UTU-74390

# West Point Fed #S-7-9-16

Spud Date: 7-4-08  
 Put on Production: 8-7-08  
 GL:6001 KB:6013

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (311.16')  
 DEPTH LANDED: 323.01'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 150 jts (6288.46)  
 DEPTH LANDED: 6301.71'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sx Premlite II and 465 sx 50/50 Poz  
 CEMENT TOP AT: 20'

**TUBING**

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 185 jts (5811.63')  
 TUBING ANCHOR: 5823.63' KB  
 NO. OF JOINTS: 1 jt (31.43')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5857.86' KB  
 NO. OF JOINTS: 2 jts (62.87')  
 TOTAL STRING LENGTH: EOT @ 5922.28

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 26' polished rod  
 SUCKER RODS: 230-7/8" guided rods (8 per), 4- 1 1/2" weight bars  
 PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RHAC rod pump- CDI  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM: 4.5

**FRAC JOB**

7/30/08 5802-5812' **Frac CP1 & CP2 sds as follows:**  
 34,753# 20/40 sand in 493 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1682 psi w/ ave rate of 23.2 BPM. ISIP 1995 psi. Actual flush: 5300 gals.

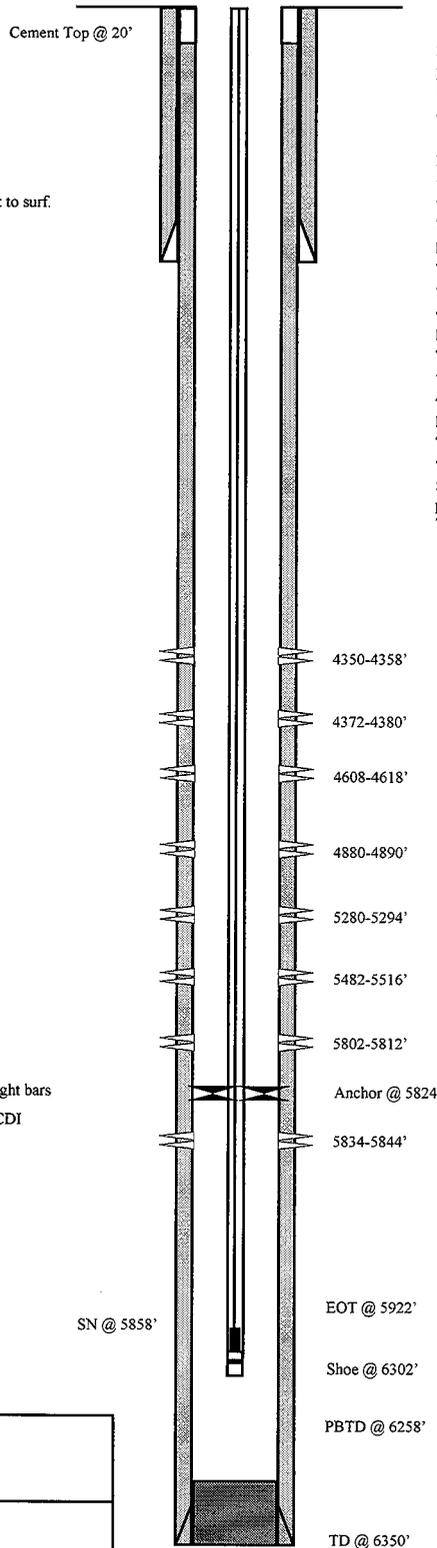
7/30/08 5482-5516' **Frac LODC sds as follows:**  
 151,032# 20/40 sand in 1075 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2133 psi w/ ave rate of 23.4 BPM. ISIP 2650 psi. Actual flush: 5523 gals.

7/31/08 5280-5294' **Frac A.5 sds as follows:**  
 70,799# 20/40 sand in 624 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2040 psi w/ ave rate of 23.2 BPM. ISIP 2662 psi. Actual flush: 4771 gals.

7/31/08 4880-4890' **Frac D1 sds as follows:**  
 49,694# 20/40 sand in 476 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1666 psi w/ ave rate of 23.2 BPM. ISIP 1962 psi. Actual flush: 4368 gals.

7/31/08 4608-4618' **Frac PB10 sds as follows:**  
 40,228# 20/40 sand in 425 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1970 psi w/ ave rate of 23.2 BPM. ISIP 2125 psi. Actual flush: 4095 gals.

7/31/08 4372-4380' **Frac GB4 & GB6 sds as follows:**  
 52,889# 20/40 sand in 442 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2034 psi w/ ave rate of 23.2 BPM. ISIP 2193 psi. Actual flush: 799 gals.



**PERFORATION RECORD**

Date	Interval	Tool	Holes
5/22/08	4350-4358'	4 JSPF	32 holes
5/22/08	4372-4380'	4 JSPF	32 holes
5/22/08	4608-4618'	4 JSPF	40 holes
5/21/08	4880-4890'	4 JSPF	40 holes
5/21/08	5280-5294'	4 JSPF	56 holes
5/21/08	5482-5516'	4 JSPF	136 holes
5/22/08	5802-5812'	4 JSPF	40 holes
5/22/08	5834-5844'	4 JSPF	40 holes

**NEWFIELD**

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West Point Fed #S-7-9-16  
 672' FSL & 641' FEL  
 SE/SE Section 7-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33927; Lease #UTU-74390

# Ashley Federal Unit #16-12-9-15

Spud Date: 1/24/2001  
 Put on Production: 3/20/2001  
 GL: 6066' KB: 6076'

Initial Production: 56.4 BOPD,  
 25.0 MCFD, 34.3 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (305.24')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 145 sxs Class "G" cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136 jts. (5949.71')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 5969'  
 CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: ? per CBL

**TUBING**

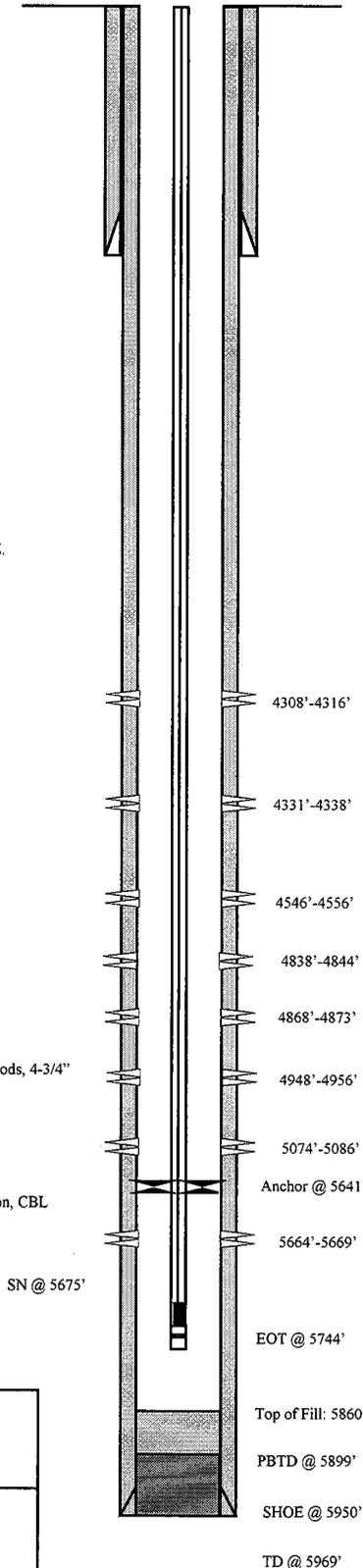
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 175 jts (5631.48')  
 TUBING ANCHOR: 5641.48'  
 NO. OF JOINTS: 1 jts (32.55')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5675.13' KB  
 NO. OF JOINTS: 2 jts (65.11')  
 TOTAL STRING LENGTH: EOT @ 5743.91'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 2'x7/8" pony rod, 6'x 3/4" pony, 89-7/8" scraper rods, 4-3/4" scraper rods, 98-3/4" plain rods, 30- 3/4" scraper rods, 4-1 1/2" K-bars  
 PUMP SIZE: 2-1/2" x 1-1/2" x12'X 17' RHAC Megyver  
 STROKE LENGTH: 62"  
 PUMP SPEED, SPM: 5  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL

**FRAC JOB**

3/12/01	5664'-5669'	<b>Frac CP-0.5 sands as follows:</b> 25,000# 20/40 sand in 287 bbls Viking I-25 fluid. Treat at 2100 psi @ 23 BPM. ISIP 2375 psi.
3/13/01	4948'-5086'	<b>Frac B-2 &amp; C sands as follows:</b> 112,000# 20/40 sand in 752 bbls Viking I-25 fluid. Treat at 1575 psi @ 29.5 BPM. ISIP 1850 psi.
3/14/01	4838'-4873'	<b>Frac D-2 sands as follows:</b> Frac with 46,000# 20/40 sand in 412 bbls Viking I-25 fluid. Treat at 1900 psi @ 30 BPM. ISIP 2040 psi.
3/15/01	4546'-4556'	<b>Frac PB-10 sand as follows:</b> Frac with 48,000# 20/40 sand in 401 bbls Viking I-25 fluid. Treat at 2300 psi @ 25.4 BPM. ISIP 2230 psi.
3/16/01	4308'-4338'	<b>Frac GB-6 sands as follows:</b> Frac with 82,400# 20/40 sand in 583 bbls Viking I-25 fluid. Treat at 2000 psi @ 31 BPM. ISIP 2060 psi.
10/14/02		Pump Change. Update rod and tubing detail.
8/16/03		Pump Change.
5-5-05		Pump Change.



**PERFORATION RECORD**

4308'-4316'	4 JSPF	32 holes
4331'-4338'	4 JSPF	28 holes
4546'-4556'	4 JSPF	40 holes
4838'-4844'	4 JSPF	24 holes
4868'-4873'	4 JSPF	20 holes
4948'-4956'	4JSPF	32 holes
5074'-5086'	4 JSPF	48 holes
5664'-5669'	4JSPF	20holes

**NEWFIELD**

**Ashley Federal #16-12-9-15**  
 915' FSL & 646' FEL  
 NWSE Section 12-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32178; Lease #UTU-74826

# West Point Federal 13-7-9-16

Spud Date: 1-23-06  
 Put on Production: 3-14-06  
 GL: 5986' KB: 5974'

Initial Production: BOPD,  
 MCFD, BWPD

## Injection Wellbore Diagram

### SURFACE CASING

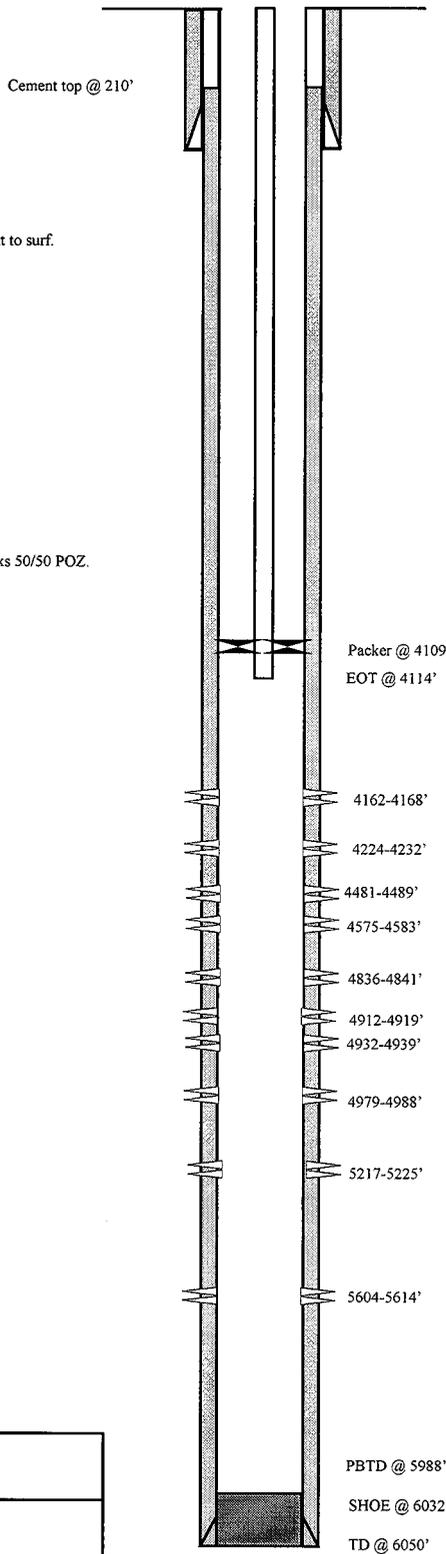
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (312.48')  
 DEPTH LANDED: 323.38' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts (5713')  
 DEPTH LANDED: 6031.77' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 210'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 172 jts (5590.01')  
 TUBING ANCHOR: 5602.01' KB  
 NO. OF JOINTS: 1jts (32.53')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5637.34' KB  
 NO. OF JOINTS: 2 jts (65.05')  
 TOTAL STRING LENGTH: EOT @ 5703.94' KB



### FRAC JOB

03-07-06	5604-5614'	<b>Frac CP1 sands as follows:</b> 45541# 20/40 sand in 422 bbls Lightning 17 frac fluid. Treated @ avg press of 1730 psi w/avg rate of 25.7 BPM. ISIP 1900 psi. Calc flush: 5602 gal. Actual flush: 5586 gal.
03-07-06	5217-5225'	<b>Frac LODC sands as follows:</b> 24523# 20/40 sand in 341 bbls Lightning 17 frac fluid. Treated @ avg press of 2168 psi w/avg rate of 25.3 BPM. ISIP 2360 psi. Calc flush: 5215 gal. Actual flush: 5208 gal.
03-07-06	4836-4988'	<b>Frac B2, B1, B.5, &amp; c sands as follows:</b> 109797# 20/40 sand in 775 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 25.6 BPM. ISIP 2030 psi. Calc flush: 4834 gal. Actual flush: 4830 gal.
03-07-06	4575-4583'	<b>Frac DS1, sands as follows:</b> 10605# 20/40 sand in 211 bbls Lightning 17 frac fluid. Treated @ avg press of 2685 w/ avg rate of 25.6 BPM. ISIP 2650 psi. Calc flush: 4573 gal. Actual flush: 4620 gal.
03-07-06	4481-4489'	<b>Frac PB11 sands as follows:</b> 99813# 20/40 sand in 723 bbls Lightning 17 frac fluid. Treated @ avg press of 1758 w/ avg rate of 25.3 BPM. ISIP 2050 psi. Calc flush: 4479 gal. Actual flush: 3948 gal.
03-08-06	4162-4232	<b>Frac GB6 &amp; GB4 sands as follows:</b> 62690# 20/40 sand in 465 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 w/ avg rate of 25.4 BPM. ISIP 1920 psi. Calc flush: 4160 gal. Actual flush: 4032 gal.
8/15/08		<b>Well converted to an Injection Well.</b>
8/28/08		<b>MIT completed and submitted.</b>

### PERFORATION RECORD

02-27-06	5604-5614'	4 JSPF	40 holes
03-07-06	5217-5225'	4 JSPF	32 holes
03-07-06	4979-4988'	4 JSPF	36 holes
03-07-06	4932-4939'	4 JSPF	28 holes
03-07-06	4912-4919'	4 JSPF	28 holes
03-07-06	4836-4841'	4 JSPF	20 holes
03-07-06	4575-4583'	4 JSPF	32 holes
03-07-06	4481-4489'	4 JSPF	32 holes
03-08-06	4224-4232'	4 JSPF	32 holes
03-08-06	4162-4168'	4 JSPF	24 holes

**NEWFIELD**

**Federal 13-7-9-16**

773' FSL & 367' FWL

SW/SW Section 7-T9S-R16E

Duchesne Co, Utah

API # 43-013-32744; Lease # UTU-74390

# 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.

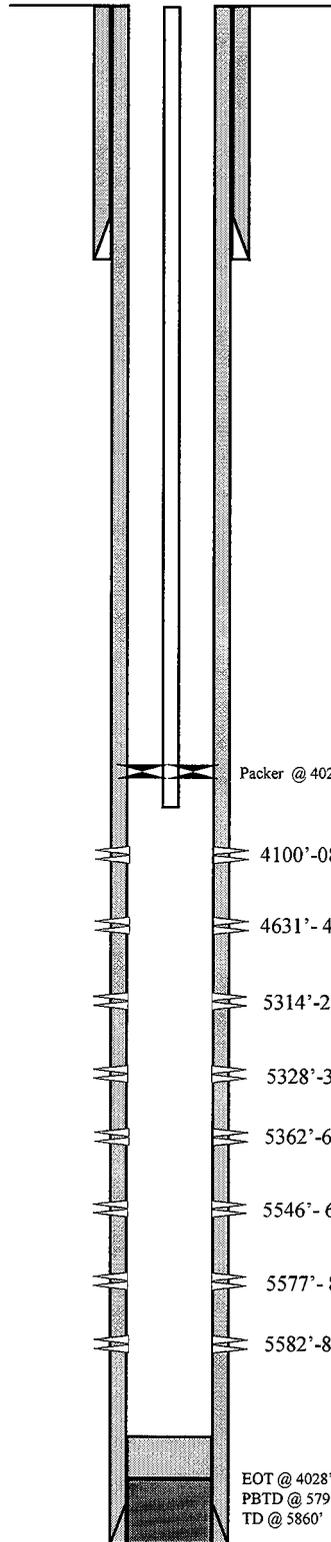
**PRODUCTION CASING**

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'	<b>Frac CP sand as follows:</b> 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'	<b>Frac D sand as follows:</b> 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		<b>5 Year MIT completed on 11/15/06 and submitted on 11/21/06.</b>

**PERFORATION RECORD**

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**

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**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

# Nine Mile #16-7-9-16

Spud Date: 3/23/98  
 Put on Production: 4/14/01  
 GL: 5999' KB: 6009'

Initial Production: 205.5BOPD,  
 442.1 MCFD, 70 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (294.6')  
 LANDED @ 295.1'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Class "G" cmt

**PRODUCTION CASING**

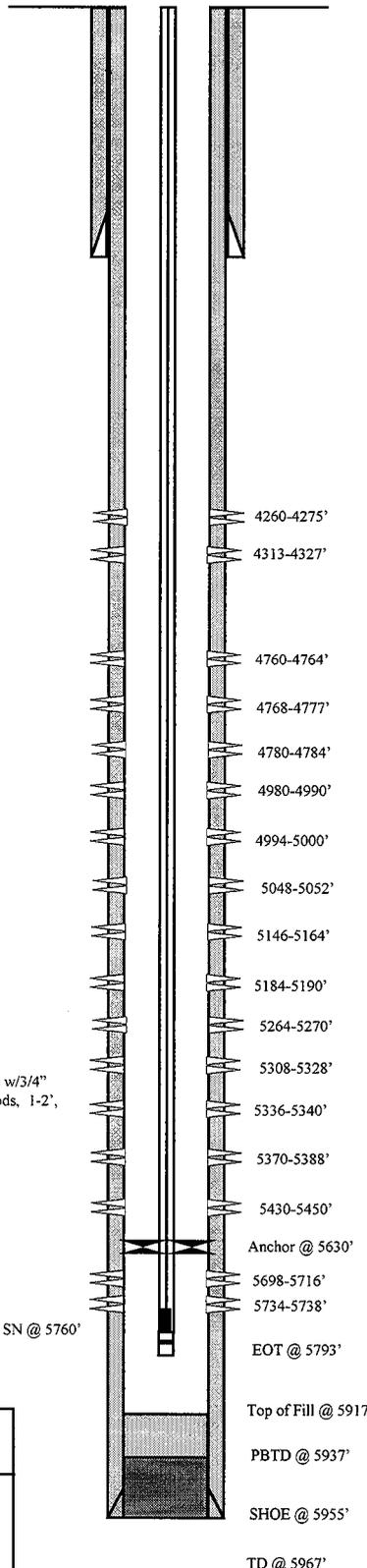
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 141 jts. 5959.62'  
 LANDED @ 5955.22'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT:

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 180 jts (5619.63')  
 TUBING ANCHOR: 5629.63'  
 NO. OF JOINTS: 4 jts (127.60')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5760.03' KB  
 NO. OF JOINTS: 1 jt (31.57')  
 TOTAL STRING LENGTH: EOT @ 5793.15'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 2-1 1/2" weight bars w/7/8" pins; 4-1 1/2" weight bars w/3/4" pins; 14-3/4" scraped rods; 116-3/4" plain rods, 93-3/4" scraped rods, 1-2', 1-4', 1-6', 1-8' x 3/4" pony rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RHAC  
 STROKE LENGTH: 100"  
 PUMP SPEED, SPM: 4



**FRAC JOB**

4/3/01	5698-5738'	<b>Frac CP sands as follows:</b> Frac with 91,020# 20/40 sand in 674 bbls Viking I-25 fluid. Perfs broke down @ 2126 psi. Treated @ avg press of 1700 psi w/avg rate of 29.3 BPM. ISIP 1850 psi.
4/4/01	5370'-5450'	<b>Frac LDC sand as follows:</b> Frac with 161,000# 20/40 sand in 1046 bbls Viking I-25 fluid. Treated @ avg press of 2700 psi w/avg rate 28.7 BPM.. ISIP 3090 psi.
4/5/01	5264-5340'	<b>Frac A-3/LDC sands as follows:</b> Frac w/140,400# 20/40 sand in 925 bbls Viking I-25 fluid. Perfs broke down @ 3121 psi. Treated @ avg press of 2550 psi w/avg rate of 31 BPM. ISIP 2530 psi.
4/6/01	5146-5190'	<b>Frac A sands as follows:</b> Frac with 130,440# 20/40 sand in 852 bbls Viking I-25 fluid. Perfs broke down @ 2700 psi. Treated @ avg press of 2050 psi w/avg rate of 30.3 BPM. ISIP 1950 psi.
4/9/01	4980-5052'	<b>Frac B sand as follows:</b> Frac with 94,800# 20/40 sand in 648 bbls Viking I-25 fluid. Perfs broke down @ 2500 psi. Treated @ avg press of 2050 psi w/avg rate 27.3 BPM. ISIP 2020 psi.
4/10/01	4760-4784'	<b>Frac D sands as follows:</b> Frac with 82,840# 20/40 sand in 544 bbls Viking I-25 fluid. Perfs broke down @ 2581 psi. Treated @ avg press of 1800 psi w/avg rate of 29.2 BPM. ISIP 2010 psi.
2/20/02		Tubing leak. Update rod and tubing details.
1/22/04		Pump change. Update rod and tubing details.
11/10/04	4313-4327'	<b>Frac GB6 sands as follows:</b> 25,477# 20/40 sand in 318 bbls Lightning 17 frac fluid. Treated @ avg press of 2125 psi w/avg rate of 25 BPM. ISIP 1880 psi. Calc. flush: 4311 gals. Actual flush: 4102 gals.
11/10/04	4260-4275'	<b>Frac GB4 sands as follows:</b> 62,560# 20/40 sand in 443 bbls Lightning 17 frac fluid. Treated @ avg press of 2297 psi w/avg rate of 25 BPM. ISIP 2310 psi. Calc. flush: 4258 gals. Actual flush: 4049 gals.
08/10/06		Pump Change. Update rod and tubing details.

**PERFORATION RECORD**

4/3/01	5734'-5738'	4 JSFP	16 holes
4/3/01	5698'-5716'	4 JSFP	72 holes
4/4/01	5430'-5450'	4 JSFP	80 holes
4/4/01	5370'-5388'	4 JSFP	72 holes
4/5/01	5336'-5340'	4 JSFP	16 holes
4/5/01	5308'-5328'	4 JSFP	80 holes
4/5/01	5264'-5270'	4 JSFP	24 holes
4/6/01	5184'-5190'	4 JSFP	24 holes
4/6/01	5146'-5164'	4 JSFP	72 holes
4/9/01	5048'-5052'	4 JSFP	16 holes
4/9/01	4994'-5000'	4 JSFP	24 holes
4/9/01	4980'-4990'	4 JSFP	40 holes
4/9/01	4780'-4784'	4 JSFP	16 holes
4/9/01	4768'-4777'	4 JSFP	36 holes
4/9/01	4760'-4764'	4 JSFP	16 holes
11/9/04	4313'-4327'	2 JSFP	28 holes
11/10/04	4260'-4275'	2 JSFP	30 holes

**NEWFIELD**

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**NINE MILE #16-7-9-16**

660' FSL & 660' FEL

SESE Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-31804; Lease #UTU-74390

# Ashley Federal 1-13-9-15

Spud Date: 6/9/05  
 Put on Production: 8/8/05  
 GL: 6033' KB: 6045'

Initial Production: 17 BOPD, 7 MCFD, 110 BWPD

Injection Wellbore Diagram

**SURFACE CASING**

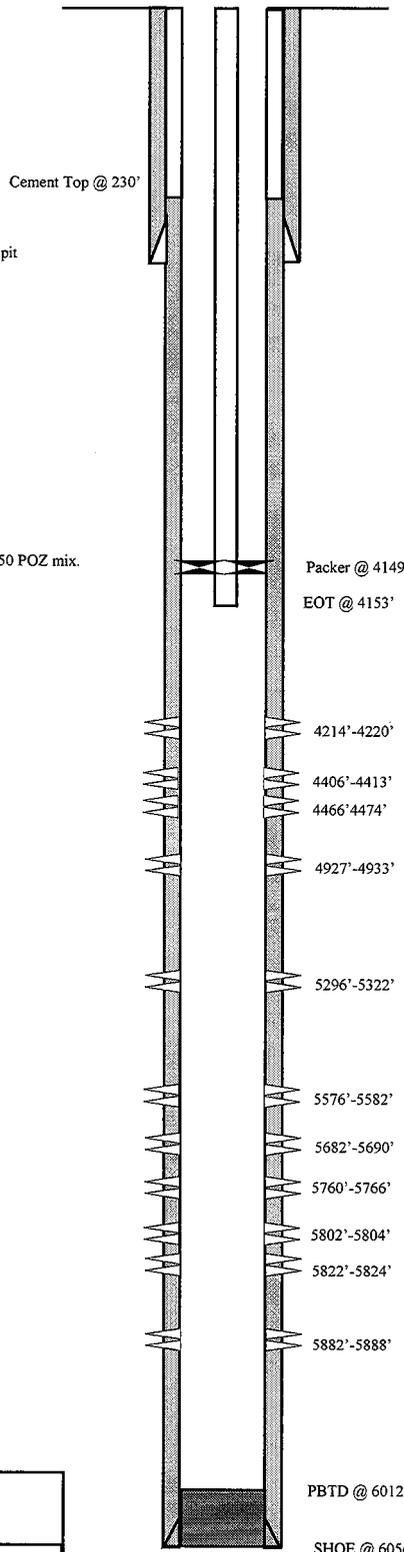
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.51')  
 DEPTH LANDED: 315.36' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160 sks Class G Mix. Est 3 bbls cement to pit

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts. (6057.57')  
 DEPTH LANDED: 6055.57' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 230'

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 132 jts (4132.93')  
 SEATING NIPPLE: 2 7/8" (1.10")  
 SN LANDED AT: 4144.93' KB  
 TOTAL STRING LENGTH: 4153.48' w/ 12' KB



**FRAC JOB**

8/1/05 5760'-5888' **Frac CP5 and CP4 sands as follows:**  
 70,609#s of 20/40sand in 559 bbls lightning 17 frac fluid. Treated @ avg press of 2153, w/avg rate of 24.8 bpm. ISIP 2250 psi. Calc flush: 5758 gal. Actual flush: 5565 gal.

8/1/05 5576'-5690' **Frac CP3 and CP1 sands as follows:**  
 40,712#s of 20/40 sand in 388 bbls lightning 17 frac fluid. Treated @ avg press of 1695, w/avg rate of 24.7 bpm. ISIP 2100 psi. Calc flush: 5574 gal. Actual flush: 5384 gal.

8/1/05 5296'-5322' **Frac LODC sands as follows:**  
 60,602#s of 20/40 sand in 489 bbls lightning 17 frac fluid. Treated @ avg press of 1802, w/avg rate of 24.7 bpm. ISIP 2000 psi. Calc flush: 5294 gal. Actual flush: 5027 gal.

8/1/05 4927'-4933' **Frac B1 sands as follows:**  
 20,544#s of 20/40 sand in 283 bbls lightning 17 frac fluid. Treated @ avg press of 1769, w/avg rate of 25 bpm. ISIP 1890 psi. Calc flush: 4925 gal. Actual flush: 4675 gal.

8/1/05 4214'-4220' **Frac GB6 sands as follows:**  
 24,232#s of 20/40 sand in 269 bbls lightning 17 frac fluid. Treated @ avg press of 1626, w/avg rate of 25 bpm. ISIP 1850 psi. Calc flush: 4212 gal. Actual flush: 4108 gal.

6/6/06 **Frac PB10 & PB11 sands as follows:**  
 19,190#s of 20/40 sand in 207 bbls of Lightning 17 frac fluid. Perfs broke @ 1980 psi. Treated @ ave pressure of 2615 w/ ave rate of 14.4 bpm w/ 6 ppg of sand. ISIP was 1625.

6/7/06 **Well converted to an Injection well. (New perfs.)**

6/22/06 **MIT completed and submitted.**

**PERFORATION RECORD**

7/20/05	5882'-5888'	6 JSPF	24 holes
7/20/05	5822'-5824'	4 JSPF	8 holes
7/20/05	5802'-5804'	4 JSPF	8 holes
7/20/05	5760'-5766'	4 JSPF	24 holes
8/01/05	5682'-5690'	4 JSPF	32 holes
8/01/05	5576'-5582'	4 JSPF	24 holes
8/01/05	5296'-5322'	4 JSPF	104 holes
8/01/05	4927'-4933'	4 JSPF	24 holes
8/01/05	4214'-4220'	4 JSPF	24 holes
6/06/06	4466'-4474'	4 JSPF	32 holes
6/06/06	4406'-4413'	4 JSPF	28 holes

**NEWFIELD**

Ashley Federal 1-13-9-15  
 865' FNL & 375' FEL  
 NE/NE Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32463; Lease #UTU-66184

# West Point Federal 4A-18-9-16

Spud Date: 12-14-06  
 Put on Production: 2-14-07  
 GL: ' KB: '

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (310.22')  
 DEPTH LANDED: 322.07' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 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: 141 jts (6024.60')  
 DEPTH LANDED: 6037.85' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 150'

**TUBING**

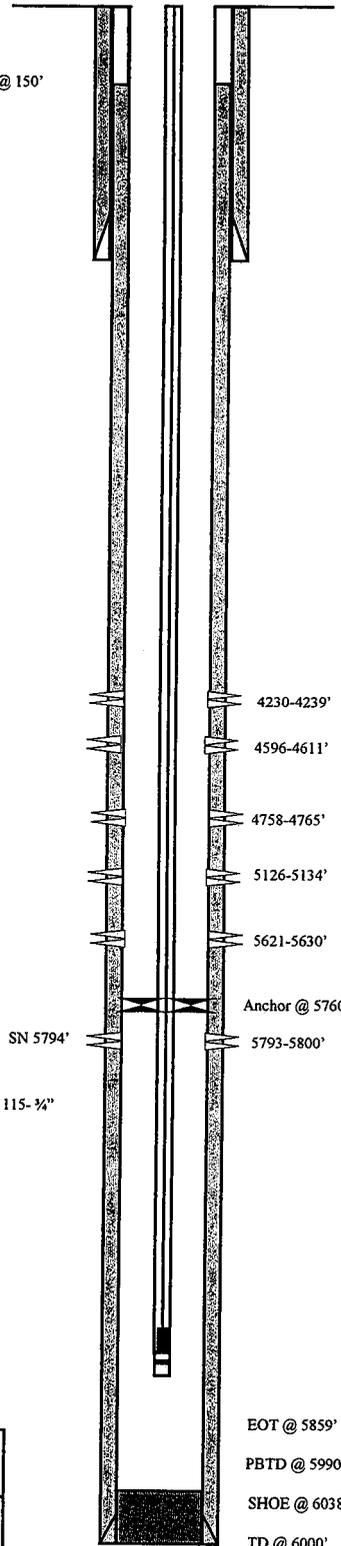
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 182 jts (5747.75')  
 TUBING ANCHOR: 5759.75' KB  
 NO. OF JOINTS: 1 jts (31.60')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5794.15' KB  
 NO. OF JOINTS: 2 jts (63.19')  
 TOTAL STRING LENGTH: EOT @ 5858.89' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 2', 4', 6', 8' X 3/4" pony rods, 99- 3/4" scraped rods, 115- 3/4" slick rods, 10- 3/4" scraped rods, 6- 1 1/2" weight bars.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14"X12" RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM

**FRAC JOB**

- 02-08-07 5793-5800' **Frac CP4 sands as follows:**  
 20017# 20/40 sand in 307 bbls Lightning 17 frac fluid. Treated @ avg press of 2259 psi w/avg rate of 23.7 BPM. ISIP 2240 psi. Calc flush: 5791 gal. Actual flush: 5334 gal.
- 02-08-07 5621-5630' **Frac CP1 sands as follows:**  
 41051# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 1939 psi w/avg rate of 23.7 BPM. ISIP 2600 psi. Calc flush: 5619 gal. Actual flush: 5124 gal.
- 02-08-07 5126-5134' **Frac A 1 sands as follows:**  
 40299# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2104 psi w/avg rate of 24 BPM. ISIP 3240 psi. Calc flush: 5124 gal. Actual flush: 4662 gal.
- 02-08-07 4758-4765' **Frac D2 sands as follows:**  
 40453# 20/40 sand in 380 bbls Lightning 17 frac fluid. Treated @ avg press of 1065 w/ avg rate of 24.3 BPM. ISIP 1944 psi. Calc flush: 4756 gal. Actual flush: 4284 gal.
- 02-08-07 4596-4611' **Frac DS1 sands as follows:**  
 34437# 20/40 sand in 378 bbls Lightning 17 frac fluid. Treated @ avg press of 2000 w/ avg rate of 14.3 BPM. ISIP 2200 psi. Calc flush: 4594 gal. Actual flush: 4116 gal.
- 02-09-07 4230-4239' **Frac GB6 sands as follows:**  
 50386# 20/40 sand in 416 bbls Lightning 17 frac fluid. Treated @ avg press of 1773 w/ avg rate of 24.5 BPM. ISIP 2010 psi. Calc flush: 4228 gal. Actual flush: 4158 gal.
- 08/28/07 **Pump Change.** Rod & Tubing detail updated.



**PERFORATION RECORD**

Date	Interval	Tool	Holes
01-25-07	5793-5800'	4 JSPP	28 holes
02-08-07	5621-5630'	4 JSPP	36 holes
02-08-07	5126-5134'	4 JSPP	32 holes
02-08-07	4758-4765'	4 JSPP	28 holes
02-08-07	4596-4611'	4 JSPP	60 holes
02-08-07	4230-4239'	4 JSPP	36 holes

**NEWFIELD**

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**West point Federal 4A-18-9-16**

714' FNL & 416' FWL

NW/NW Section 18-T9S-R16E

Duchesne Co, Utah

API # 43-013-33463; Lease # UTU-74390

# 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

**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.

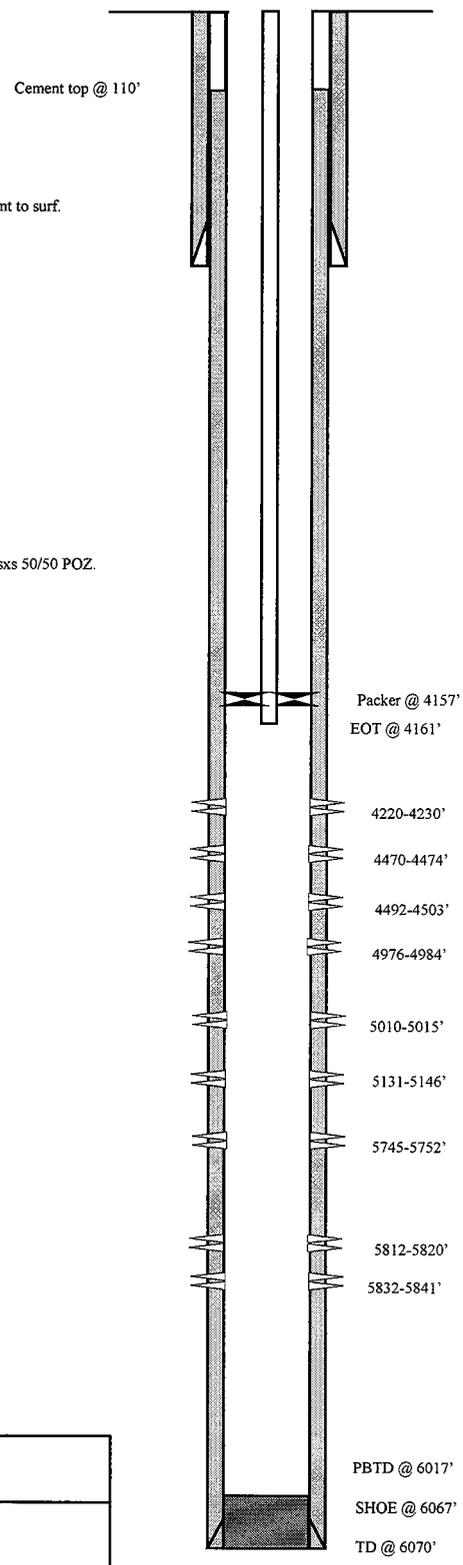
**PRODUCTION CASING**

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: 131 jts (4140.45')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4152.45'  
 TOTAL STRING LENGTH: EOT @ 4160.82'

**Injection Wellbore Diagram**



**FRAC JOB**

- 02-01-07 5745-5841' **Frac CP4, & CP3 sands as follows:**  
 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' **Frac A1 sands as follows:**  
 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' **Frac B1, & B2 sands as follows:**  
 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' **Frac PB10, & PB11 sands as follows:**  
 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' **Frac GB4 sands as follows:**  
 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.
- 2/29/08 Tubing Leak. Updated rod & tubing details.
- 2/2/09 Well converted to an Injection Well. MIT completed and submitted.
- 2/9/09

**PERFORATION RECORD**

Date	Interval	Tool	Holes
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**

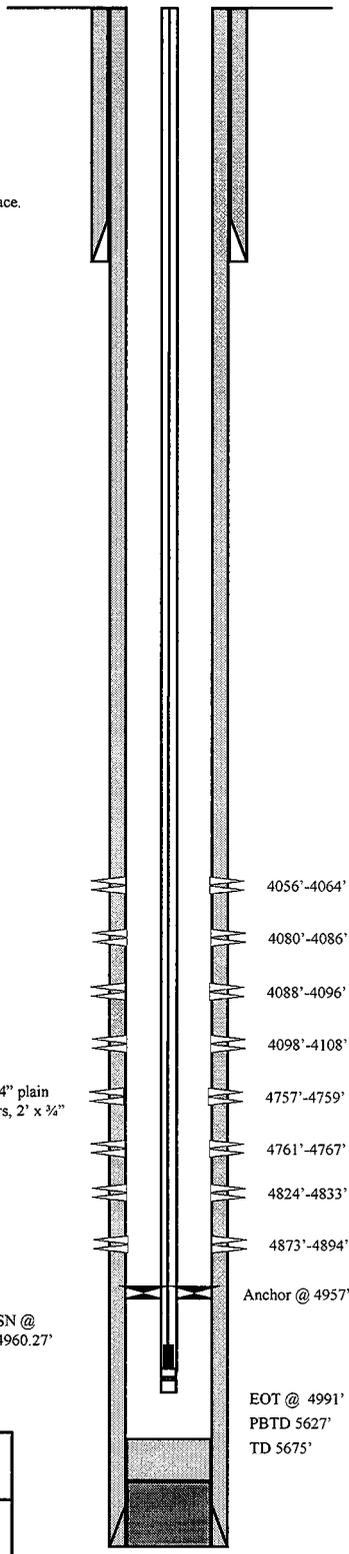
SIZE/GRADE/WT.: 2-7/8" / M-50  
 NO. OF JOINTS: 159 jts (4947.47')  
 TUBING ANCHOR: 4957.47'  
 SN LANDED AT: 4960.27'  
 NO. OF JOINTS: 1 jt (29.35')  
 TOTAL STRING LENGTH: EOT @ 4991.17'

**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	Interval	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

SN @  
4960.27'

EOT @ 4991'  
 PBTD 5627'  
 TD 5675'

**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

WEST POINT FED. 6-18-9-16

Spud Date: 10/11/2007  
 Put on Production: 11/21/2007  
 GL: 6084' KB: 6096'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (307.26')  
 DEPTH LANDED: 319'  
 HOLE SIZE: 12 1/4'  
 CEMENT DATA: To Surface w/160 sx class 'G' cement

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH:  
 DEPTH LANDED: 6007'  
 HOLE SIZE: 7 7/8'  
 CEMENT DATA: 300 sx prmlite II and 400 sx 50/50 poz  
 CEMENT TOP: 85'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 179 jts (5633.16')  
 TUBING ANCHOR: 5645.16' KB  
 NO. OF JOINTS: 2 jts (63.02')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5710.98' KB  
 NO. OF JOINTS: 2 jts (62.98')  
 TOTAL STRING LENGTH: EOT @ 5775.51' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 100-3/4" scraped rods, 102-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" X 20' RHAC pump w/SM plunger  
 STROKE LENGTH: 123"  
 PUMP SPEED, SPM: 5

FRAC JOB

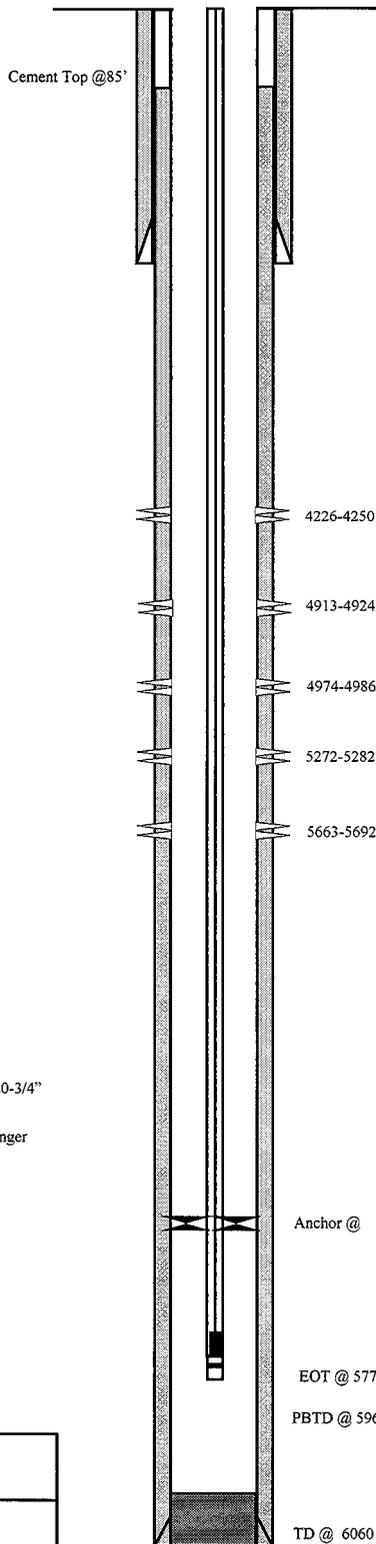
11/13/07 5663-5692' **Frac CP1 sds w/ 130,809#s of 20/40 sand in 968 bbls of Lightning 17 fluid. Broke @ 1459 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1872 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2168 psi Calc Flush: ? Actual Flush: 5153 gals.**

11/14/07 5272-5282' **Frac A3 sds w/ 34,743#s of 20/40 sand in 417 bbls of Lightning 17 fluid. Broke @ 3550 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1937 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2347 psi Calc Flush: ? Actual Flush: 4767 gals.**

11/14/07 4974-4986' **Frac B.5 sds w/ 80,129#s of 20/40 sand in 625 bbls of Lightning 17 fluid. Broke @ 3658 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1721 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1899 psi Calc Flush: ? Actual Flush: 4553 gals.**

11/14/07 4913-4924' **Frac C sds w/ 40,150#s of 20/40 sand in 408 bbls of Lightning 17 fluid. Broke @ 1850 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2084 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2483 psi Calc Flush: ? Actual Flush: 4368 gals.**

11/14/07 4226-4250' **Frac GB4 sds w/ 124,267#s of 20/40 sand in 914 bbls of Lightning 17 fluid. Broke @ 1250 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1676 psi @ ave rate of 24.8 BPM. ISIP 1895 psi. Calc Flush: ? Actual Flush: 4158 gals.**



PERFORATION RECORD

11/08/07	5663-5692'	4 JSPF	116 holes
11/13/07	5272-5282'	4 JSPF	40 holes
11/14/07	4974-4986'	4 JSPF	48 holes
11/14/07	4913-4924'	4 JSPF	44 holes
11/14/07	4226-4250'	4 JSPF	96 holes

**NEWFIELD**

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**WEST POINT FED. 6-18-9-16**

1962' FNL & 1941' FEL

SE/NW Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32997; Lease # UTU-74390



**Water Analysis Report**

Production Company: **NEWFIELD PRODUCTION (158)**  
 Well Name: **West point Federal 14-7-9-16-CTB**  
 Sample Point: **treater**  
 Sample Date: **3 /30/2009**  
 Sales Rep: **Randy Huber**  
 Lab Tech: **Peter Poulsen**

Sample ID: **WA-23535**

Sample Specifics	
Test Date:	3/30/2009
Temperature (°F):	150
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0129
pH:	8
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	32335
Molar Conductivity (µS/cm):	48993
Resitivity (Mohm):	0.2041

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	180.00	Chloride (Cl):	15000.00
Magnesium (Mg):	12.20	Sulfate (SO₄):	3454.00
Barium (Ba):	1.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	1952.00
Sodium (Na):	11734.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	-
Iron (Fe):	1.51	Phosphate (PO₄):	-
Manganese (Mn):	0.40	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
150	0	30.74	52.05	0.20	-1206.20	0.18	-1192.70	-	-	12.14	1.56	0.42
80	0	16.10	34.64	0.17	-0.43	0.11	-2078.60	-	-	50.98	1.67	0.22
100	0	20.99	41.66	0.16	5.20	0.12	-1920.70	-	-	32.97	1.65	0.27
120	0	25.41	47.04	0.17	8.51	0.13	-1664.60	-	-	21.80	1.62	0.30
140	0	29.22	50.91	0.19	10.10	0.16	-1355.10	-	-	14.69	1.58	0.33
160	0	31.92	52.56	0.21	10.44	0.20	-1030.80	-	-	10.07	1.53	0.37
180	0	33.17	51.57	0.22	10.08	0.27	-721.51	-	-	7.01	1.46	0.40
200	0	32.92	48.20	0.24	9.40	0.39	-446.48	-	-	4.94	1.35	0.41
220	2.51	31.14	43.68	0.26	8.67	0.58	-225.64	-	-	3.43	1.20	0.41
240	10.3	28.67	37.93	0.28	7.81	0.90	-38.35	-	-	2.46	1.01	0.41
260	20.76	25.71	32.23	0.30	6.90	1.43	105.84	-	-	1.78	0.74	0.41
280	34.54	22.58	27.04	0.32	5.94	2.34	213.29	-	-	1.29	0.38	0.42
300	52.34	19.53	22.58	0.34	4.92	3.88	291.60	-	-	0.94	-0.10	0.42

**Conclusions:**

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F  
 Gypsum Scaling Index is negative from 80°F to 300°F  
 Calcium Sulfate scale is indicated. See graph for appropriate temperature ranges.  
 Strontium Sulfate scaling was not evaluated  
 Barium Sulfate NO CONCLUSION

**Notes:**

**Multi-Chem Group, LLC**

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

Attachment F  
 2 of 4

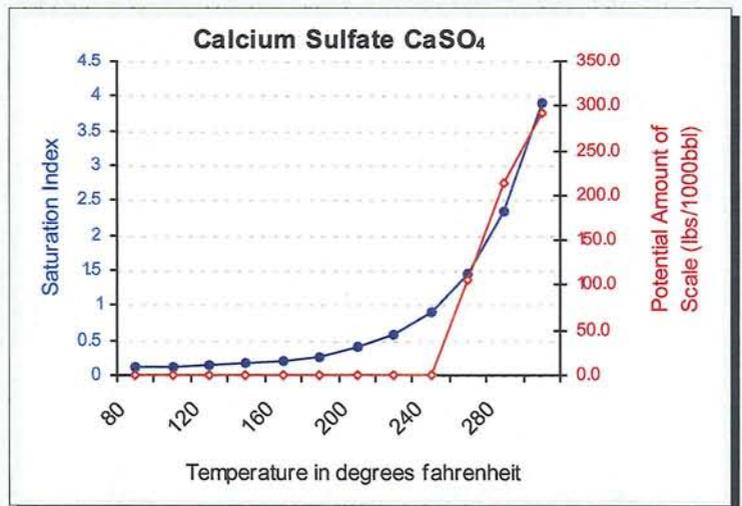
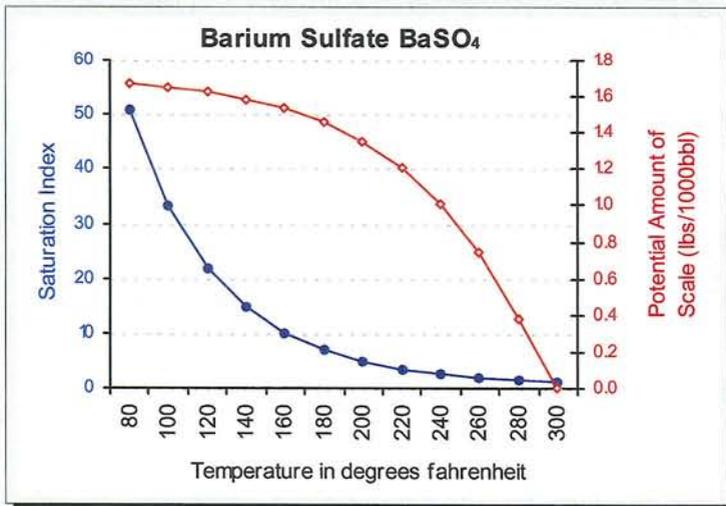
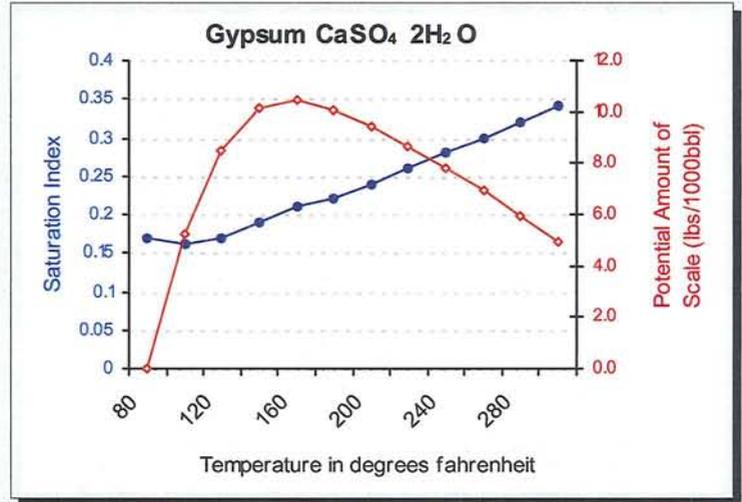
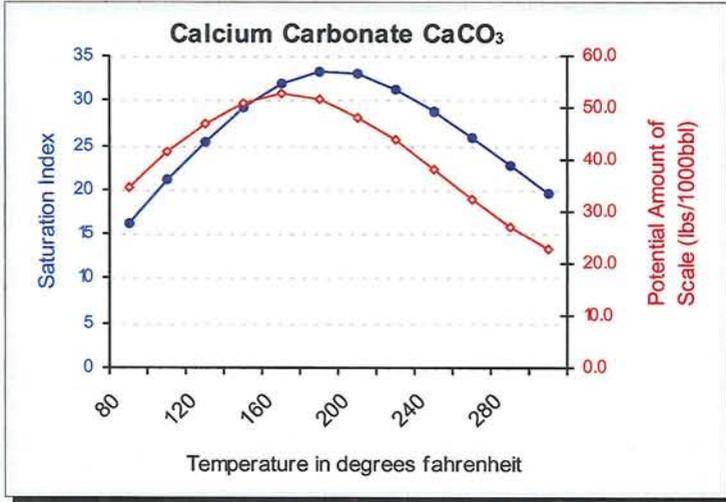


multi-chem®

**Scale Prediction Graphs**

Well Name: **West point Federal 14-7-9-16-CTB**

Sample ID: **WA-23535**



# Multi-Chem Group, LLC

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

Attachment F

3 & 4

multi-chem®



## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**  
Well Name: **SANWASH INJECTIONH**  
Sample Point: **Triplex Suction**  
Sample Date: **1 /6 /2009**  
Sales Rep: **Randy Huber**  
Lab Tech: **Mike Chapman**

Sample ID: **WA-19225**

Sample Specifics	
Test Date:	1/7/2009
Temperature (°F):	50
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0000
pH:	6.8
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	3078
Molar Conductivity (µS/cm):	4664
Resitivity (Mohm):	2.1441

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	160.00	Chloride (Cl):	500.00
Magnesium (Mg):	24.40	Sulfate (SO <sub>4</sub> ):	1212.00
Barium (Ba):	4.00	Dissolved CO <sub>2</sub> :	-
Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	366.00
Sodium (Na):	808.89	Carbonate (CO <sub>3</sub> ):	-
Potassium (K):	-	H <sub>2</sub> S:	-
Iron (Fe):	3.00	Phosphate (PO <sub>4</sub> ):	-
Manganese (Mn):	0.10	Silica (SiO <sub>2</sub> ):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO <sub>3</sub> ):	-
Ammonia NH <sub>3</sub> :	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub> psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
50	0	0.17	-0.78	0.26	-743.56	0.14	-1141.10	-	-	687.08	6.79	1.51
80	0	0.33	-0.49	0.23	-4.37	0.14	-1121.10	-	-	356.16	6.78	0.63
100	0	0.47	-0.34	0.22	-3.34	0.15	-1009.10	-	-	237.73	6.77	0.80
120	0	0.61	-0.22	0.25	-2.62	0.18	-847.67	-	-	162.60	6.76	0.90
140	0	0.79	-0.11	0.28	-2.11	0.23	-662.08	-	-	113.63	6.74	1.02
160	0	0.98	-0.01	0.32	-1.74	0.30	-473.85	-	-	80.95	6.71	1.17
180	0	1.19	0.08	0.35	-1.46	0.42	-298.95	-	-	58.66	6.68	1.29
200	0	1.41	0.17	0.39	-1.24	0.60	-147.76	-	-	43.17	6.64	1.32
220	2.51	1.63	0.25	0.42	-1.09	0.89	-27.90	-	-	31.74	6.58	1.35
240	10.3	1.85	0.32	0.45	-0.96	1.37	65.43	-	-	23.92	6.51	1.39
260	20.76	2.06	0.39	0.47	-0.86	2.17	131.27	-	-	18.22	6.42	1.42
280	34.54	2.26	0.46	0.50	-0.79	3.49	174.27	-	-	14.00	6.31	1.46
300	52.34	2.45	0.52	0.52	-0.73	5.73	200.13	-	-	10.85	6.17	1.51

**Conclusions:**

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.  
Gypsum Scaling Index is negative from 80°F to 300°F  
Calcium Sulfate scale is indicated. See graph for appropriate temperature ranges.  
Strontium Sulfate scaling was not evaluated  
Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F

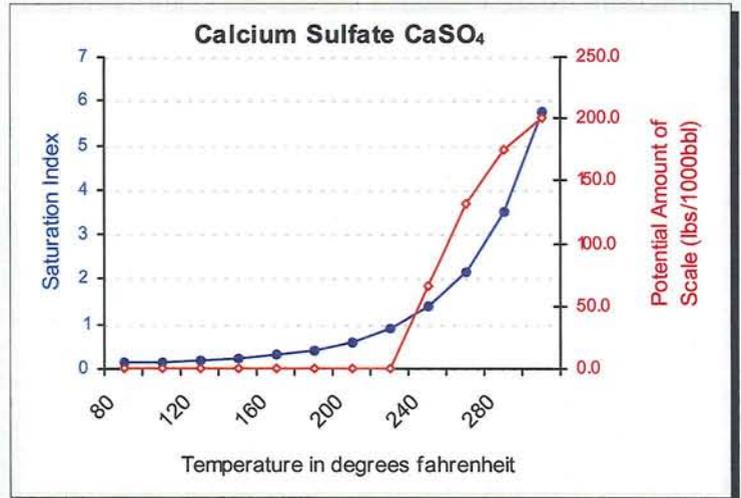
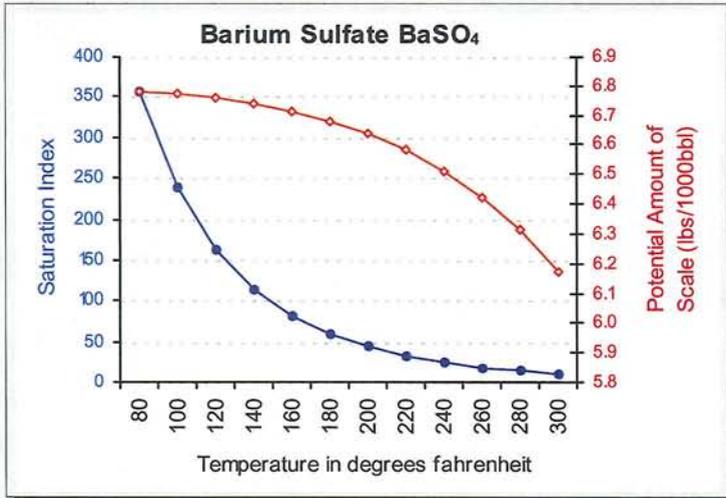
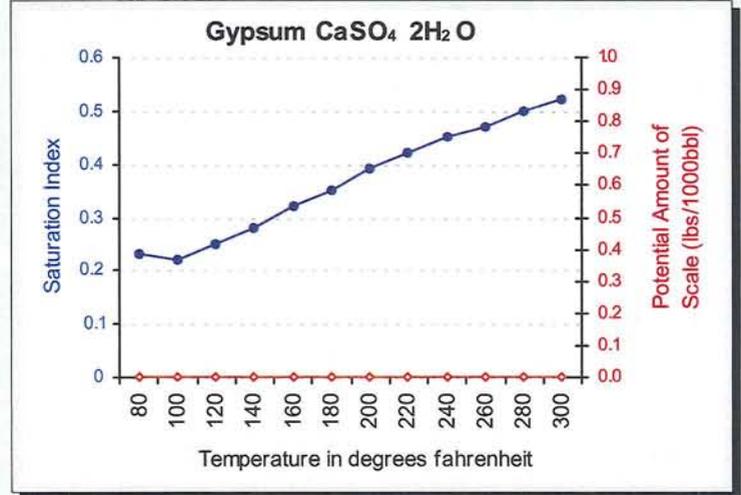
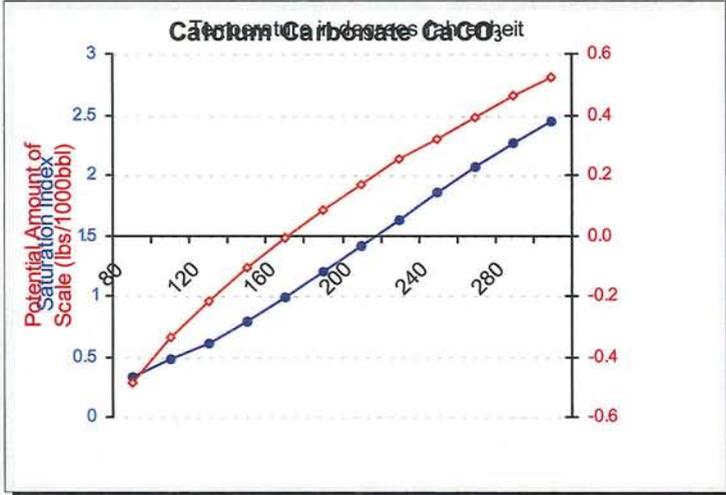
**Notes:**



**Scale Prediction Graphs**

Well Name: **SANWASH INJECTION**

Sample ID: **WA-19225**



**Attachment "G"**

**West Point 14-7-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5641	5654	5648	1970	0.78	1933
5422	5442	5432	2290	0.86	2255
5126	5144	5135	2200	0.86	2167
5004	5022	5013	1900	0.81	1867 ←
4621	4724	4673	2300	0.93	2270
4228	4288	4258	2180	0.95	2153
				<b>Minimum</b>	<u><u>1867</u></u>

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 G-1  
1 of 10

## DAILY COMPLETION REPORT

WELL NAME: West Point 14-7-9-16 Report Date: 11-Mar-06 Day: 01  
Operation: Completion Rig: Rigless

### WELL STATUS

Surf Csg: 8-5/8' @ 317' Prod Csg: 5-1/2" @ 6091' Csg PBTD: 6047'  
Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_ Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_ BP/Sand PBTD: 6013' WL

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
_____	_____	_____	_____	_____	_____
_____	_____	_____	CP1 sds	5641- 5654'	4/52
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### CHRONOLOGICAL OPERATIONS

Date Work Performed: 10-Mar-06 SITP: \_\_\_\_\_ SICP: 0

Install 5M frac head. NU 7 1/16" 5M WHI frac valve. RU H/O truck & pressure test casing, frac head, frac valve & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6013' & cement top @ 110'. Perforate stage #1 W/ 4" ported guns as follows: CP1 sds @ 5641- 54'. All 4 JSPF for a total of 52 holes (1 run). RD WLT. SIFN W/ est 143 BWTR.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 143 Starting oil rec to date: \_\_\_\_\_  
Fluid lost/recovered today: 0 Oil lost/recovered today: \_\_\_\_\_  
Ending fluid to be recovered: 143 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

WHI 5M frac valve	\$1,140
NPC NU crew	\$300
NDSI trucking	\$1,400
Perforators LLC	\$5,876
Drilling cost	\$283,566
Zubiate hot oil	\$340
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$1,200
Admin. Overhead	\$3,000
NPC Supervision	\$300

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_  
Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_  
ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: \_\_\_\_\_

Completion Supervisor: Orson Barney

DAILY COST: \$298,922  
TOTAL WELL COST: \$298,922

# NEWFIELD



Attachment G-1  
2 of 10

## DAILY COMPLETION REPORT

**WELL NAME:** West Point 14-7-9-16      **Report Date:** 15-Mar-06      **Day:** 2  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 317'      **Prod Csg:** 5-1/2" @ 6091'      **Csg PBTD:** 6013'WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 5550'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5422-5442'	4/80
			CP1 sds	5641- 5654'	4/52

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 14-Mar-06      **SITP:** \_\_\_\_\_ **SICP:** 80

RU BJ Services "Ram Head" frac flange. RU BJ & frac CP1 sds down casing, stage #1 w/ 40,008#'s of 20/40 sand in 460 bbls of Lightning 17 frac fluid. Open well w/ 80 psi on casing. Perfs broke down @ 2649 psi, back to 1200 psi. Treated @ ave pressure of 1935 w/ ave rate of 25.3 w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL in flush for next stage. ISIP was 1970. 603 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" composite flow through frac plug & 20' perf gun. Set plug @ 5550'. Perforate LODC sands @ 5422 5442' w/ 3-1/8" Slick Guns ( 23 gram, .43"HE, 90° ) w/ 4 spf for oal of 80 shots. SIFN.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 143      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 460      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 603      **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:** CP1 sds down casing

- 4704 gals of pad
- 2856 gals w/ 1-4 ppg of 20/40 sand
- 5544 gals w/ 4-6.5 ppg of 20/40 sand
- 40 gals w/ 6.5 ppg of 20/40 sand
- 504 gals of 15% HCL acid
- Flush w/ 5670 gals of slick water

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

**Max TP:** 2158      **Max Rate:** 25.3      **Total fluid pmpd:** 460 bbls  
**Avg TP:** 1935      **Avg Rate:** 25.3      **Total Prop pmpd:** 40,008#'s  
**ISIP:** 1970      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .78

**Completion Supervisor:** Ron Shuck

### COSTS

Weatherford Services	\$975
NPC frac water	\$594
NPC fuel gas	\$110
BJ Services CP1 sds	\$24,107
NPC Supervisor	\$300
Lone Wolf LODC sds	\$6,083

**DAILY COST:** \$32,169  
**TOTAL WELL COST:** \$298,922

# NEWFIELD



Attachment G-1  
3 of 10

## DAILY COMPLETION REPORT

**WELL NAME:** West Point 14-7-9-16      **Report Date:** 16-Mar-06      **Day:** 3a  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 317'      **Prod Csg:** 5-1/2" @ 6091'      **Csg PBTB:** 6013'WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTB:** 5550'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5422-5442'	4/80
			CP1 sds	5641- 5654'	4/52

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 15-Mar-06      **SITP:** \_\_\_\_\_      **SICP:** 925

Day3a.

RU BJ & frac LODC sds down casing, stage #2 w/ 49,941#'s of 20/40 sand in 509 bbls of Lightning 17 frac fluid. Open well w/ 925 psi on casing. Perfs broke down @ 3573 psi, back to 1933 psi. Treated @ ave pressure of 2174 w/ ave rate of 25 w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2290. 1112 bbls EWTR. Leave pressure on well. **See day3b.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 603      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 609      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1112      **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

- 5208 gals of pad
- 3351 gals w/ 1-4 ppg of 20/40 sand
- 6690 gals w/ 4-6.5 ppg of 20/40 sand
- 165 gals w/ 6.5 ppg of 20/40 sand
- 504 gals of 15% HCL acid
- Flush w/ 5418 gals of slick water

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

**Max TP:** 2395      **Max Rate:** 25      **Total fluid pmpd:** 509 bbls  
**Avg TP:** 2174      **Avg Rate:** 25      **Total Prop pmpd:** 49,941#'s  
**ISIP:** 2290      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .86

**Completion Supervisor:** Ron Shuck

### COSTS

Weatherford Services	\$2,400
NPC frac water	\$702
NPC fuel gas	\$130
BJ Services LODC sd	\$17,954
NPC Supervisor	\$60

**DAILY COST:** \$21,246

**TOTAL WELL COST:** \$320,168

# NEWFIELD



Attachment G-1  
4 of 10

## DAILY COMPLETION REPORT

**WELL NAME:** West Point 14-7-9-16      **Report Date:** 16-Mar-06      **Day:** 3b  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 317'      **Prod Csg:** 5-1/2" @ 6091'      **Csg PBTD:** 6013'WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 5250'  
Plug 5550'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
_____	_____	_____	A1 sds	5126-5144'	4/72
_____	_____	_____	LODC sds	5422-5442'	4/80
_____	_____	_____	CP1 sds	5641- 5654'	4/52
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 15-Mar-06      **SITP:** \_\_\_\_\_      **SICP:** 1859

Day3b.

RU WLT. RIH w/ frac plug & 18' perf gun. Set plug @ 5250'. Perforate A1 sds @ 5126-44' w/ 4 spf for total of 72 shots. RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL acid on perfs. RU BJ & frac stage #3 w/ 54,325#'s of 20/40 sand in 471 bbls of Lightning 17 frac fluid. Open well w/ 1859 psi on casing. Perfs broke down @ 3392 psi, back to 1497 psi. Treated @ ave pressure of 2142 w/ ave rate of 25.3 w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2350. 1583 bbls EWTR. Leave pressure on well. **See day3c.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1112      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 471      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1583      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** A1 sds down casing

- \_\_\_\_\_ 5040 gals of pad
- \_\_\_\_\_ 2944 gals w/ 1-5 ppg of 20/40 sand
- \_\_\_\_\_ 5872 gals w/ 5-8 ppg of 20/40 sand
- \_\_\_\_\_ 256 gals w/ 8 ppg of 20/40 sand
- \_\_\_\_\_ 504 gals of 15% HCL acid
- \_\_\_\_\_ Flush w/ 5166 gals of slick water

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

**Max TP:** 2372      **Max Rate:** 25.6      **Total fluid pmpd:** 471 bbls  
**Avg TP:** 2142      **Avg Rate:** 25.3      **Total Prop pmpd:** 54,325#'s  
**ISIP:** 2350      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .89

**Completion Supervisor:** Ron Shuck

### COSTS

Weatherford Services	\$2,400
NPC frac water	\$756
NPC fuel gas	\$140
BJ Services A1 sd	\$17,881
NPC Supervisor	\$60
Lone Wolf A1 sds	\$4,485
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

**DAILY COST:** \$25,722

**TOTAL WELL COST:** \$345,890



# NEWFIELD



Attachment G-1  
6 of 10

## DAILY COMPLETION REPORT

**WELL NAME:** West Point 14-7-9-16      **Report Date:** 16-Mar-06      **Day:** 3d  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 317'      **Prod Csg:** 5-1/2" @ 6091'      **Csg PBTD:** 6013'WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4830'  
**Plug** 5550' 5250' 5080'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	5126-5144'	4/72
			LODC sds	5422-5442'	4/80
			CP1 sds	5641- 5654'	4/52
DS1 sds	4621-4632'	4/44			
D1 sds	4720-4724'	4/16			
B2 sds	5004-5022'	4/72			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 15-Mar-06      **SITP:** \_\_\_\_\_ **SICP:** 1617

Day3d.

RU WLT. RIH w/ frac plug & 4', 11' perf gun. Set plug @ 4830'. Perforate D1 sds @ 4720-24' & DS1 sds @ 4621-32' w/ 4 spf for total of 60 shots. RU BJ & frac stage #5 w/ 25,539#'s of 20/40 sand in 320 bbls of Lightning 17 frac fluid. Open well w/ 1617 psi on casing. Perfs broke down @ 3156 psi, back to 2240 psi. Treated @ ave pressure of 2017 w/ ave rate of 25.4 w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2300. 2554 bbls EWTR. Leave pressure on well. **See day3e.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 2234      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 320      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2554      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** D1 & DS1 sds down casing

- \_\_\_\_\_ 2982 gals of pad
- \_\_\_\_\_ 1915 gals w/ 1-4 ppg of 20/40 sand
- \_\_\_\_\_ 3419 gals w/ 4-6.5 ppg of 20/40 sand
- \_\_\_\_\_ 504 gals of 15% HCL acid
- \_\_\_\_\_ Flush w/ 4620 gals of slick water

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

**Max TP:** 2110      **Max Rate:** 25.9      **Total fluid pmpd:** 320 bbls  
**Avg TP:** 2017      **Avg Rate:** 25.4      **Total Prop pmpd:** 25,539#'s  
**ISIP:** 2300      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .93

**Completion Supervisor:** Ron Shuck

### COSTS

Weatherford Services	\$2,400
NPC frac water	\$378
NPC fuel gas	\$70
BJ Services D1&DS1	\$11,989
NPC Supervisor	\$60
Lone Wolf D1&DS1	\$4,485

**DAILY COST:** \_\_\_\_\_ \$19,382  
**TOTAL WELL COST:** \_\_\_\_\_ \$407,849

# NEWFIELD



Attachment G-1

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## DAILY COMPLETION REPORT

**WELL NAME:** West Point 14-7-9-16      **Report Date:** 16-Mar-06      **Day:** 3e  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 317'      **Prod Csg:** 5-1/2" @ 6091'      **Csg PBTD:** 6013'WL  
**Tbg:** Size: \_\_\_\_\_ Wt: \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4400'  
**Plug** 5550' 5250' 5080' 4830'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4228-4236'	4/32	A1 sds	5126-5144'	4/72
GB4 sds	4249-4259'	4/40	LODC sds	5422-5442'	4/80
GB6 sds	4276-4288'	4/48	CP1 sds	5641- 5654'	4/52
DS1 sds	4621-4632'	4/44			
D1 sds	4720-4724'	4/16			
B2 sds	5004-5022'	4/72			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 15-Mar-06      **SITP:** \_\_\_\_\_      **SICP:** 1598

Day3e.

RU WLT. RIH w/ frac plug & 12' perf gun. Set plug @ 4400'. Perforate GB6 sds @ 4276-88' & GB4 sds @ 4249-59', 4228-36" w/ 4 spf for total of 120 shots. RU BJ & frac stage #6 w/ 123,611#'s of 20/40 sand in 812 bbls of Lightning 17 frac fluid. Open well w/ 1598 psi on casing. Perfs broke down @ 1878 psi. Treated @ ave pressure of 1796 w/ ave rate of 25.4 w/ 8 ppg of sand. ISIP was 2180. 3366 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 280 bbls rec'd. SIFN.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 3366      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 280      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 3086      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_      **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** GB6 & GB4 sds down casing

- \_\_\_\_\_ 8988 gals of pad
- \_\_\_\_\_ 6000 gals w/ 1-5 ppg of 20/40 sand
- \_\_\_\_\_ 12000 gals w/ 5-8 ppg of 20/40 sand
- \_\_\_\_\_ 3000 gals w/ 8 ppg of 20/40 sand
- \_\_\_\_\_ Flush w/ 4116 gals of slick water

### COSTS

Weatherford Services	\$2,400
NPC frac water	\$1,728
NPC fuel gas	\$320
BJ Services GB6&4	\$30,732
NPC Supervisor	\$60
Lone Wolf GB6&4	\$4,485
NPC water transfer	\$600
NPC flowback hand	\$150

**Max TP:** 1898      **Max Rate:** 25.6      **Total fluid pmpd:** 812 bbls  
**Avg TP:** 1796      **Avg Rate:** 25.4      **Total Prop pmpd:** 123,611#'s  
**ISIP:** 2180      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .95  
**Completion Supervisor:** Ron Shuck

**DAILY COST:** \_\_\_\_\_      \$40,475  
**TOTAL WELL COST:** \_\_\_\_\_      \$448,324



# NEWFIELD



Attachment G-1  
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## DAILY COMPLETION REPORT

WELL NAME: West Point 14-7-9-16 Report Date: 24-Mar-06 Day: 5  
 Operation: Completion Rig: NC#2

### WELL STATUS

Surf Csg: 8-5/8' @ 317' Prod Csg: 5-1/2" @ 6091' Csg PBTD: 6047'  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @:          BP/Sand PBTD: 6047'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4228-4236'	4/32	A1 sds	5126-5144'	4/72
GB4 sds	4249-4259'	4/40	LODC sds	5422-5442'	4/80
GB6 sds	4276-4288'	4/48	CP1 sds	5641- 5654'	4/52
DS1 sds	4621-4632'	4/44			
D1 sds	4720-4724'	4/16			
B2 sds	5004-5022'	4/72			

### CHRONOLOGICAL OPERATIONS

Date Work Performed: 23-Mar-06 SITP:          SICP: 150

RIH w/ tbg. Tag @ 5915'. C/O to PBTD @ 6047'. Circulate well clean. Pull up to 6000'. RIH w/ swab. SFL @ surface. Made 17 runs. Recovered 160 bbls (150 water, 10 oil). No show of sand. Small show of gas. Ending oil cut @ approx. 30%. EFL @ 1300'. RIH w/ tbg. Tag PBTD @ 6047'. Circulate well clean. POOH w/ tbg. LD bit & bit sub. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 2 jts 2 7/8" tbg., 5 1/2" TAC, 173 jts 2 7/8" tbg. ND BOPS. Set TAC @ 5608' w/ 14000# tension. NU wellhead. X-over for rods. SWIFN.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3236 Starting oil rec to date: 0  
 Fluid lost/recovered today: 30 Oil lost/recovered today: 10  
 Ending fluid to be recovered: 3266 Cum oil recovered: 10  
 IFL: surface FFL: 1300' FTP:          Choke:          Final Fluid Rate:          Final oil cut: 30%

### STIMULATION DETAIL

### COSTS

Base Fluid used: <u>        </u> Job Type: <u>        </u>	NC #2	\$5,171
Company: <u>        </u>	Weatherford bop	\$140
Procedure or Equipment detail:	NPC water disposal	\$3,000
<u>        </u>	NDSI trucking	\$900
<u>        </u>	CDI TAC	\$480
<u>        </u>	CDI PSN	\$75
<u>        </u>	CDI rod pump	\$1,380
<u>        </u>	NPC trucking	\$300
<u>        </u>	NDSI water & truck	\$100
<u>        </u>	Weatherford p.s.	\$750

Max TP:          Max Rate:          Total fluid pmpd:           
 Avg TP:          Avg Rate:          Total Prop pmpd:           
 ISIP:          5 min:          10 min:          FG:         

Completion Supervisor: Don Dulen

NPC supervision \$300  
**DAILY COST: \$12,596**  
**TOTAL WELL COST: \$682,531**

# NEWFIELD



Attachment G-1  
10 of 10

## DAILY COMPLETION REPORT

**WELL NAME:** West Point 14-7-9-16      **Report Date:** 27-Mar-06      **Day:** 6  
**Operation:** Completion      **Rig:** NC#2

### WELL STATUS

**Surf Csg:** 8-5/8' @ 317'      **Prod Csg:** 5-1/2" @ 6091'      **Csg PBTD:** 6047'  
**Tbg:** Size: 2 7/8" Wt: 6.5#      **Grd:** J-55 **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 6047'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4228-4236'	4/32	A1 sds	5126-5144'	4/72
GB4 sds	4249-4259'	4/40	LODC sds	5422-5442'	4/80
GB6 sds	4276-4288'	4/48	CP1 sds	5641- 5654'	4/52
DS1 sds	4621-4632'	4/44	_____	_____	_____
D1 sds	4720-4724'	4/16	_____	_____	_____
B2 sds	5004-5022'	4/72	_____	_____	_____

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 24-Mar-06      **SITP:** \_\_\_\_\_      **SICP:** 150

RIH w/ CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump, 6- 1 1/2" weight bars, 10- 3/4" guided rods, 110- 3/4" slick rods, 100- 3/4" guided rods, 1- 8', 6' x 3/4" pony subs, 1 1/2" x 22' polished rod. Seat pump. Tbg. Was full. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Put well on production @ 1:30 p.m. 86" stroke length, 5 spm. Final Report.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 3236      **Starting oil rec to date:** 0  
**Fluid lost/recovered today:** 30      **Oil lost/recovered today:** 10  
**Ending fluid to be recovered:** 3266      **Cum oil recovered:** 10  
**IFL:** surface      **FFL:** 1300'      **FTP:** \_\_\_\_\_      **Choke:** \_\_\_\_\_      **Final Fluid Rate:** \_\_\_\_\_      **Final oil cut:** 30%

#### TUBING DETAIL

#### ROD DETAIL

#### COSTS

KB 12.00'	1 1/2" X 22' polsih rod	NC #2      \$2,633
173 2 7/8 J-55 tbg (5596.65')	1- 6', 8' x 3/4" pony sub	NPC fr tk(8x8days)      \$2,560
TA (2.80' @ 5608.65' KB)	100- 3/4" guided rods	NPC swab tk (3 days)      \$120
2 2 7/8 J-55 tbg (65.00')	110- 3/4" slick rods	NPC frac head      \$500
SN (1.10' @ 5676.40' KB)	10- 3/4" guided rods	"A" grade rod string      \$9,205
2 2 7/8 J-55 tbg (64.95')	6- 1 1/2" weight bars	Polished rod pkg.      \$1,300
2 7/8" notched collar (.45')	CDI 2 1/2" x 1 1/2" x 15'	
EOT 5742.95' w/ 12.00' KB	RHAC pump	

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

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

**ISIP:** \_\_\_\_\_      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** \_\_\_\_\_

**Completion Supervisor:** Don Dulen

NPC supervision      \$300

**DAILY COST:**      \$16,618

**TOTAL WELL COST:**      \$699,149

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4178'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 200' balance plug using 24 sx Class "G" cement over water zone 2000' – 2200'
4. Plug #3 Pump 49 sx Class "G" Cement down 5-1/2" casing to 367'

The approximate cost to plug and abandon this well is \$59,344.

# West Point 14-7-9-16

Spud Date: 02/09/06  
 Put on Production: 03/24/06  
 K.B.: 6000, G.L.: 5988

Initial Production: BOPD,  
 MCFD, BWPD

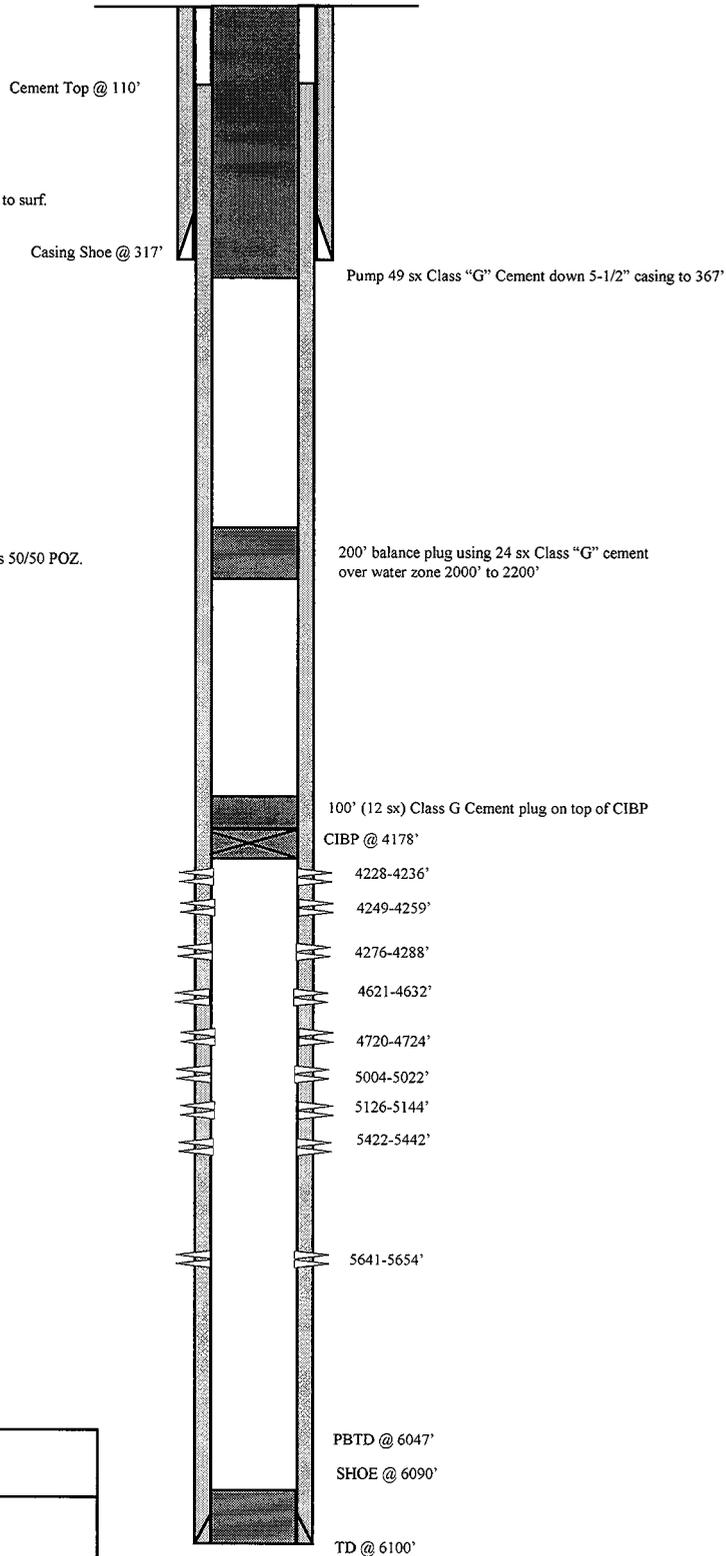
Proposed P & A  
 Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.55')  
 DEPTH LANDED: 317.45' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6077.36')  
 DEPTH LANDED: 6090.61' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP @: 110'




<p><b>West Point 14-7-9-16</b>                  493' FSL &amp; 1919' FWL                  SE/SW Section 7-T9S-R16E                  Duchesne Co, Utah                  API #43-013-32745; Lease #UTU-74390</p>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

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)  
 493 FSL 1919 FWL  
 SESW Section 7 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 14-7-9-16

9. API Well No.  
 4301332745

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

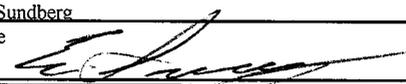
11. County or Parish, State  
 DUCHESNE, UT

**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 Injector	<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	Title Regulatory Analyst
Signature 	Date 04/06/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

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

---ooOoo---

IN THE MATTER OF THE APPLICATION OF  
NEWFIELD PRODUCTION COMPANY FOR  
ADMINISTRATIVE APPROVAL OF CERTAIN  
WELLS LOCATED IN SECTION 32 & 33,  
TOWNSHIP 8 SOUTH, RANGE 16 EAST;  
SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH,  
RANGE 16 EAST; DUCHESNE COUNTY,  
UTAH, AS CLASS II INJECTION WELLS.

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-352

---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 Newfield Production Company for administrative approval of the following wells:

Wells Draw Unit:

State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East

Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East

South Monument Butte Unit:

Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East

Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East

South Wells Draw Unit:

South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East

South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East

South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East

Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East

West Point Unit:

Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East

Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East

Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East

West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East

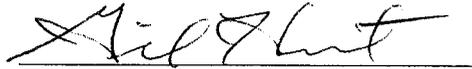
Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of May, 2009.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

A handwritten signature in cursive script, appearing to read "Gil Hunt", is written over a horizontal line.

Gil Hunt  
Associate Director

**Newfield Production Company**

**STATE 24-32-8-16, FEDERAL 13-33B-8-16, MONUMENT BUTTE FEDERAL 4-1-9-16,  
MONUMENT BUTTE FEDERAL 6-1-9-16, SOUTH WELLS DRAW 14A-4-9-16, SOUTH WELLS  
DRAW 6-10-9-16, SOUTH WELLS DRAW 12-10-9-16, MONUMENT FEDERAL 33-10-9-16  
MONUMENT FEDERAL 31-6-9-16Y, MONUMENT FEDERAL 42-6-9-16Y, NINE MILE 10-7-9-16,  
WEST POINT FED 14-7-9-16.**

**Cause No. UIC-352**

Publication Notices were sent to the following:

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

Duchesne County Planning  
PO Box 910  
Duchesne, UT 84021

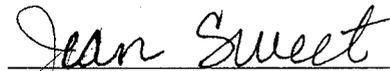
Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via Email [ubs@ubstandard.com](mailto:ubs@ubstandard.com)  
and Facsimile (435) 722-4140

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

Salt Lake Tribune  
PO Box 45838  
Salt Lake City, UT 84145  
via Email [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)  
and Facsimile (801) 237-2776

Newfield Production Company  
Rt 3 Box 3630  
Myton UT 84052

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



---

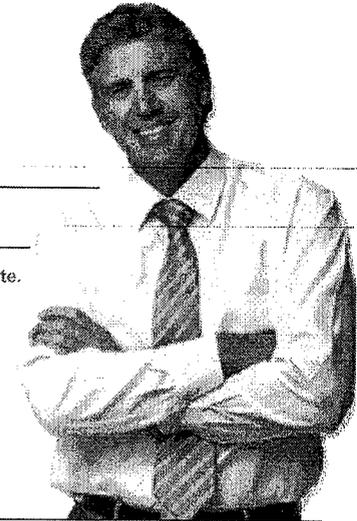
Jean Sweet  
Executive Secretary  
May 21, 2009

# UTAH LEGAL NOTICES

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NOTICE: We are currently in the process of migrating ALL of Utah's Finest newspapers over to this website.

Search:  All Newspapers  for



[Show / Hide Newspaper View](#)

## NOTICE OF AGENCY ACTION CAUSE NO. UIC-352

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells: Wells Draw Unit: State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East South Monument Butte Unit: Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East South Wells Draw Unit: South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East West Point Unit: Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company. Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests. Dated this 21st day of May, 2009. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director Published in the Uintah Basin Standard May 26, 2009.

[Newspaper Administration](#)

**Jean Sweet - Notice of Agency Action - Newfield Cause No. UIC 352**

---

**From:** Jean Sweet  
**To:** ubs@ubstandard.com  
**Date:** 5/21/2009 3:14 PM  
**Subject:** Notice of Agency Action - Newfield Cause No. UIC 352  
**Attachments:** 20090519 Newfield Notice of Agency Action UIC 352 UB Standard.doc

---

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Gentlemen:

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  
PO Box 145801  
Salt Lake City, UT 84114-5801

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

TRANSACTION REPORT

P. 01

MAY-21-2009 THU 03:31 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAY-21	03:30 PM	14357224140	1' 15"	4	SEND	OK	490	
TOTAL :						1M 15S	PAGES:	4



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

### UTAH DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 5/21/09

FAX#: 435-722-4140

ATTN: Legal Notices

COMPANY: Uintah Basin Standard

NUMBER OF PAGES (INCLUDING THIS ONE): 4

FROM: Jean Sweet

If you do not receive all of the pages, or if they are illegible, please call (801) 538-5340.  
We are sending from a sharp facsimile machine. Our telecopier number is (801) 359-3940.

MESSAGES: Please Publish Thank You.



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*

May 21, 2009

VIA E-MAIL [ubs@ubstandard.com](mailto:ubs@ubstandard.com)  
and FAX (435) 722-4140

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC 352

Gentlemen:

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  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



Jean Sweet - RE: Notice of Agency Action - Newfield UIC 352

---

**From:** "Linda Roberson" <lroberson@mediaoneutah.com>  
**To:** <jsweet@utah.gov>  
**Date:** 5/22/2009 2:23 PM  
**Subject:** RE: Notice of Agency Action - Newfield UIC 352

---

Ad 458653 / 5/26 / \$273.80

L. "Anna" Roberson (assisting L. Valdez)

naclegal@mediaoneutah.com

---

**From:** Jean Sweet [mailto:jsweet@utah.gov]  
**Sent:** Thursday, May 21, 2009 3:15 PM  
**To:** naclegal@mediaoneutah.com  
**Subject:** Notice of Agency Action - Newfield UIC 352

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 for **account #D5385340L** to:

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

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

**Jean Sweet - Notice of Agency Action - Newfield UIC 352**

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**From:** Jean Sweet  
**To:** naclegal@mediaoneutah.com  
**Date:** 5/21/2009 3:15 PM  
**Subject:** Notice of Agency Action - Newfield UIC 352  
**Attachments:** 20090519 Newfield Notice of Agency Action UIC 352 SL Trib.doc

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

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

TRANSACTION REPORT

P. 01

MAY-21-2009 THU 03:30 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAY-21	03:27 PM	8012372776	2' 45"	4	SEND	OK	489	
TOTAL :						2M 45S	PAGES:	4



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

### UTAH DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 5/21/09

FAX#: 801-237-2776

ATTN: Legal Notices

COMPANY: Salt Lake Tribune

NUMBER OF PAGES (INCLUDING THIS ONE): 4

FROM: Jean Sweet

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MESSAGES: Please publish. Thank you.



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*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*

May 21, 2009

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)  
and Fax (801) 237-2776

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

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC 352

To whom it may concern:

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



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

**PROOF OF PUBLICATION**

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	5/27/2009

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000458653 /
SCHEDULE	
Start 05/26/2009	End 05/26/2009
CUST. REF. NO.	
20090519	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINI	
SIZE	
80 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
273.80	

**COPY**

**AFFIDAVIT OF PUBLICATION**

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH-RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH-RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

NOTICE OF AGENCY ACTION  
 CAUSE NO. UIC-352

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Dated this 21st day of May, 2009.

STATE OF UTAH  
 DIVISION OF OIL, GAS & MINING  
 /s/  
 Gil Hunt  
 Associate Director  
 458653

UPAXLF

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

Start 05/26/2009 End 05/26/2009

PUBLISHED ON \_\_\_\_\_  
 SIGNATURE [Handwritten Signature]



5/27/2009

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

[Handwritten Signature]

**AFFIDAVIT OF PUBLICATION**

County of Duchesne,  
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 26 day of May, 2009, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of May, 2009.

*[Handwritten Signature]*  
\_\_\_\_\_  
Publisher

Subscribed and sworn to before me this  
28 day of May, 2009  
*[Handwritten Signature]*  
\_\_\_\_\_  
Notary Public



**COPY**

**NOTICE OF AGENCY ACTION CAUSE NO. UIC-352**

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

STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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KENT BASCOM was of the Union 1969-70 team, and was also always perfect when rolled-up newspaper his bike to our porch he couldn't do the s on the basketball. was a good dribbler, passes and I enjoy him do his best on

More Na  
*al Thow*

their lead to five ru with two counters in and one in the fifth. Altamont's sec (11-5) over Rowland place in Salt Lake C

Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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Dated this 21st day of May, 2009.  
STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING  
/s/ Gil Hunt  
Associate Director  
Published in the Uintah Basin Standard May 26, 2009.



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

June 10, 2009

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

Subject: West Point Unit Well: West Point Fed 14-7-9-16, Section 7, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

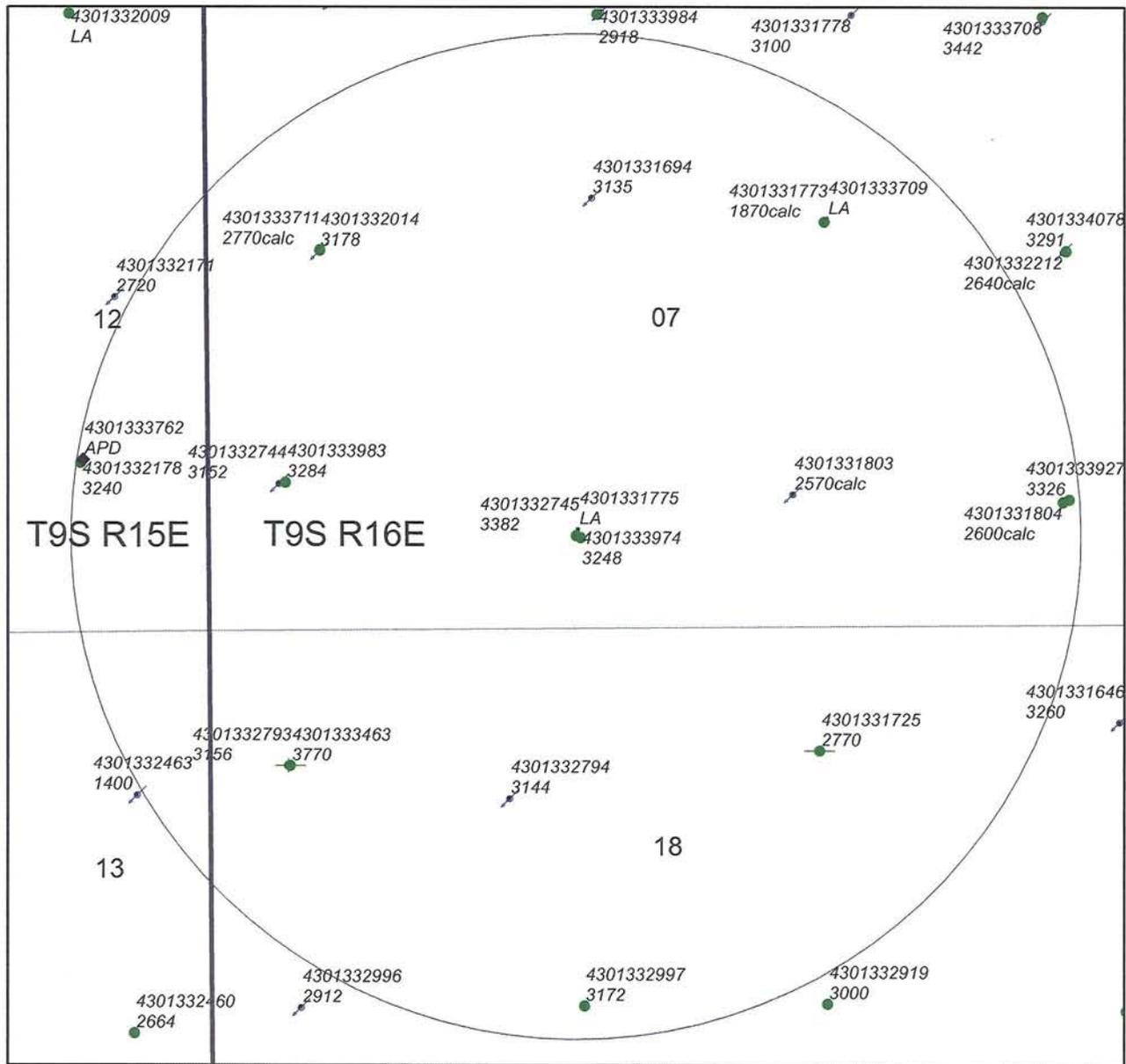
Gil Hunt  
Associate Director

GLH/MLR/js

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

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





# WEST POINT 14-7-9-16

API #43-013-32745  
UIC-352.1

**Legend**

**OGM Database View Events**

✕ <all other values>

**Status**

- ◆ APD - Aproved Permit
- ⊙ DRL - Spuded (Drilling Commenced)
- ⚡ GIW - Gas Injection
- ★ GS - Gas Storage
- × LA - Location Abandoned
- ⊕ LOC - New Location
- ⚠ OPS - Operation Suspended
- ◇ PA - Plugged Abandoned

- ⚡ PGW - Producing Gas Well
- POW - Producing Oil Well
- ⊙ RET - Returned APD
- ⚡ SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- ⚡ TA - Temp. Abandoned
- TW - Test Well
- ⚡ WDW - Water Disposal
- ⚡ WIW - Water Injection Well
- WSW - Water Supply Well

1870calc = approx cement top calculated from well completion report



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

**Applicant:** Newfield Production Company      **Well:** West Point 14-7-9-16

**Location:** 7/9S/16E      **API:** 43-013-32745

**Ownership Issues:** The proposed well is located on BLM 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 317 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,091 feet. A cement bond log demonstrates adequate bond in this well up to 3382 feet. A 2 7/8 inch tubing with a packer will be set at 4,193. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 10 producing wells and 3 injection wells in the area of review. All of the wells have evidence of adequate casing and cement.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 1100 feet. Injection shall be limited to the interval between 4031 feet and 5597 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 14-7-9-16 well is 0.81 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,867 psig. The requested maximum pressure is 1,867 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 groundwater present should be adequately protected.

**West Point 14-7-9-16**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the West Point Unit on May 14, 1998. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 6/4/2009

# UTAH LEGAL NOTICES

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NOTICE: We are currently in the process of migrating ALL of Utah's Finest newspapers over to this website.

Search:  for

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## NOTICE OF AGENCY ACTION CAUSE NO. UIC-352, /

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells: Wells Draw Unit: State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East South Monument Butte Unit: Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East South Wells Draw Unit: South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East West Point Unit: Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company. Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests. Dated this 21st day of May, 2009. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director Published in the Uintah Basin Standard May 26, 2009.

[Newspaper Administration](#)

**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**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

GMBU

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

1. TYPE OF WELL:

OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:

WEST POINT FEDERAL 14-7-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301332745

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: 493 FSL 1919 FWL

COUNTY: DUCHESNE

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW, 7, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  03/09/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" 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 type="checkbox"/> OTHER: -
	<input checked="" 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.

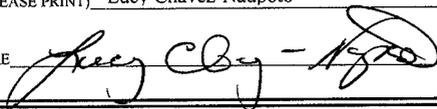
The subject well has been converted from a producing oil well to an injection well on 02/27/2010. On 03/08/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 03/08/2010. On 03/09/2010 the casing was pressured up to 1145 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

API# 43-013-32745

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 03/23/2010

(This space for State use only)

**RECEIVED**  
**MAR 29 2010**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

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)  
 493 FSL 1919 FWL  
 SESW Section 7 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  
 GMBU

8. Well Name and No.  
 WEST POINT FEDERAL 14-7-9-16

9. API Well No.  
 4301332745

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

11. County or Parish, State  
 DUCHESNE, UT

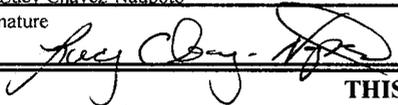
**12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
<input 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	Change Status _____	
	<input checked="" type="checkbox"/> Convert to Injector	<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 recompleate 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 recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 02/27/2010.  
 On 03/08/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 03/08/2010. On 03/09/2010 the casing was pressured up to 1145 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

API# 43-013-32745

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Administrative Assistant
Signature 	Date 03/23/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

(Instructions on page 2)

**RECEIVED**  
**MAR 29 2010**  
 DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 03/09/2010 Time 9:00 am pm  
Test Conducted by: Lynn Manson  
Others Present: \_\_\_\_\_

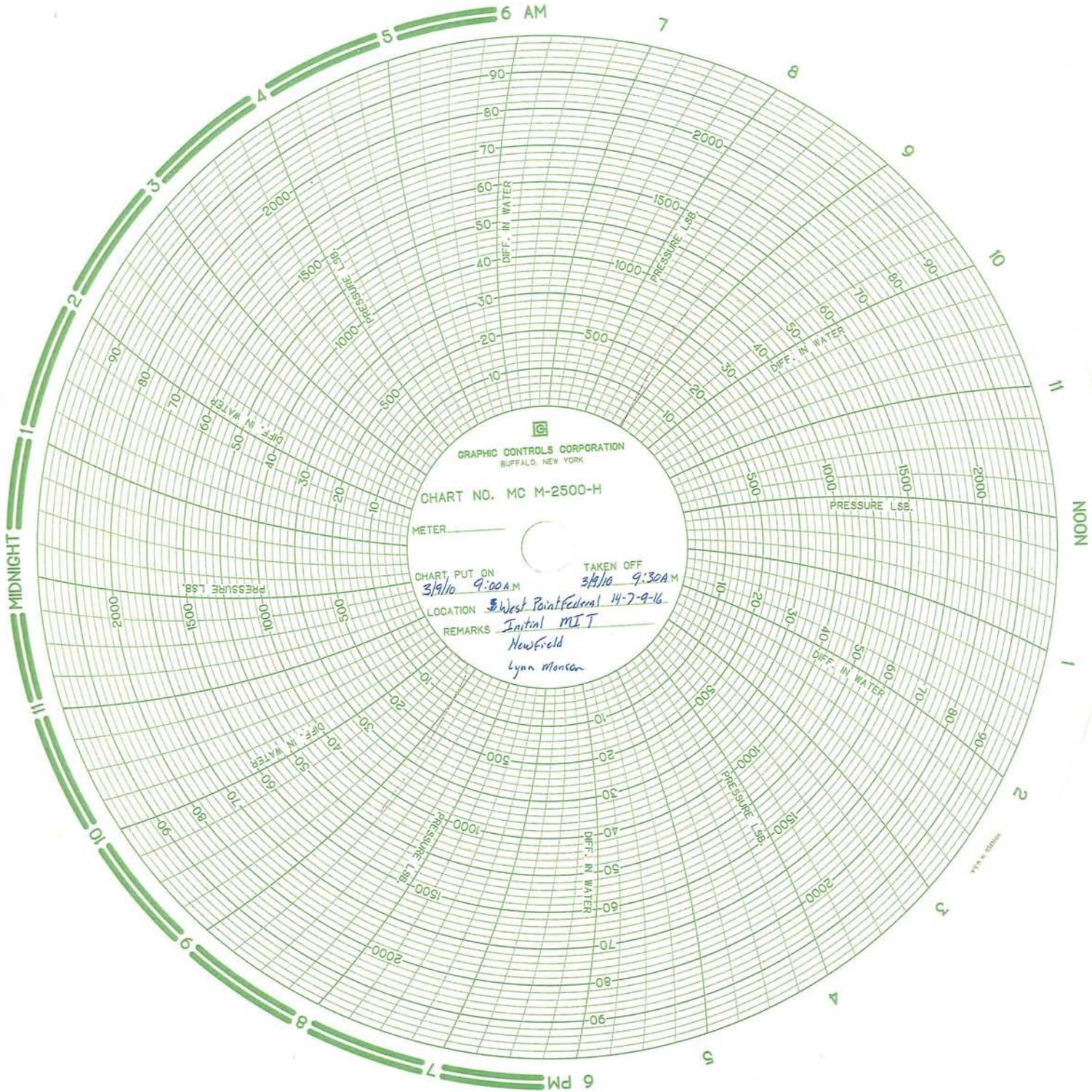
Well: <u>West Point Federal 14-7-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>SE/SW Sec. 7, T9S, R16E</u>	API No: <u>43-013-32745</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1140</u>	psig
5	<u>1145</u>	psig
10	<u>1145</u>	psig
15	<u>1145</u>	psig
20	<u>1145</u>	psig
25	<u>1145</u>	psig
30 min	<u>1145</u>	psig
35	<u>—</u>	psig
40	<u>—</u>	psig
45	<u>—</u>	psig
50	<u>—</u>	psig
55	<u>—</u>	psig
60 min	<u>—</u>	psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_  
Signature of Person Conducting Test: Lynn Manson



GRAPHIC CONTROLS CORPORATION  
BUFFALO, NEW YORK

CHART NO. MC M-2500-H

METER \_\_\_\_\_

CHART PUT ON

3/9/10 9:00 A.M.

TAKEN OFF

3/9/10 9:30 A.M.

LOCATION

West Point Federal 14-7-9-16

REMARKS

Initial MIT  
Newfield  
Lynn Manson

1710-6-00100

**Daily Activity Report**

Format For Sundry

**W POINT 14-7-9-16****12/1/2009 To 4/28/2010****2/26/2010 Day: 1****Conversion**

WWS #7 on 2/26/2010 - Start LD rods. - MIRU Western #7. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumping unit & PU on rod string. Did not see pump unseat. RU HO trk to flush tbg---pressures up. Soft joint rod string & strip off flow-T. RU HO trk to tbg. Pressure up to 2200 psi & rupture tbg. Flush tbg & rods W/ 30 BW @ 250°F. Retrieve rod string & PU on rod string. TOH & LD rods. Out W/ 159 rods. Flushed 4 more times. PU polished rod & SIFN.

**Daily Cost:** \$0**Cumulative Cost:** \$93,522**2/27/2010 Day: 2****Conversion**

WWS #7 on 2/27/2010 - TOH W/ tbg and remainder of rod string. TIH W/ packer and test injection string. - RU HO trk & flush (circulate) rods W/ 60 BW @ 250°F. TOH & LD remaining rods (168 total, box parted from wear). ND wellhead & release TA @ 5592'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD 35 jts through wear area, btm 12 jts & BHA. Finished LD rods & pump as pulling tbg. Flushed tbg & rods several times as TOH. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ W.L. re-entry guide & wicker slips), new 2 7/8 SN and 130 jts total of 2 7/8 8rd 6.5# J-55 tbg. Pressure tested btm section to 4500 psi. Pressure tested entire string to 3000 psi. Monitor pressure overnight.

**Daily Cost:** \$0**Cumulative Cost:** \$98,232**3/1/2010 Day: 3****Conversion**

WWS #7 on 3/1/2010 - Set & test packer. RDMOSU. - Thaw wellhead & tbg stump W/ HO trk. SITP @ 2400 psi. Bump tbg pressure back up to 3000 psi. Holds solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & loand tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4205', CE @ 4209' & EOT @ 4213'. Land tbg W/ 15,000# tension. NU wellhead. Tie hot oiler onto casing & pressure test annulus & packer to 1400 psi. Holds solid for 1 hour. RDMOSU. Well ready for MIT. - RU Vaughn Energy Services & run gyro survey on well. RD WLT.

**Daily Cost:** \$0**Cumulative Cost:** \$56,475**3/15/2010 Day: 4****Conversion**

Rigless on 3/15/2010 - Conversion MIT - On 3/8/10 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (West Point Federal 14-7-9-16). Permission was given at that time to perform the test on 3/8/10. On 3/9/10 the csg was pressured up to 1145 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. API # 43-013-32745 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$56,775

---

**Pertinent Files: Go to File List**

**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:  
GMBU

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
WEST POINT FEDERAL 14-7-9-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332745

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: 493 FSL 1919 FWL COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 7, T9S, R16E STATE: UT

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

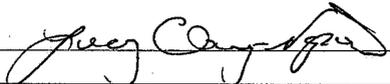
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will 04/13/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY 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: - Put on Injection
	<input checked="" 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 reference well was put on injection at 11:30 AM on 04/13/2010.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 04/13/2010

(This space for State use only)

**RECEIVED**  
**APR 20 2010**  
DIV. OF OIL, GAS & MINING



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

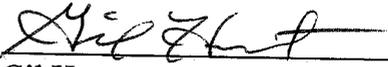
## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-352

**Operator:** Newfield Production Company  
**Well:** West Point Federal 14-7-9-16  
**Location:** Section 7, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32745  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 10, 2009.
2. Maximum Allowable Injection Pressure: 1,867 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,031' – 5,597')
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:   
Gil Hunt  
Associate Director

4-1-10  
Date

GLH/MLR/js

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



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74390	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</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>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> WEST POINT FED 14-7-9-16	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013327450000	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE	
		<b>PHONE NUMBER:</b> 435 646-4825 Ext	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0493 FSL 1919 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 07 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"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input 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: 50px;" type="text" value="5 YR MIT"/>
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> On 02/03/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 02/05/2015 the casing was pressured up to 1089 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1536 psig during the test. There was a State representative available to witness the test - Richard Powell.			
		<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 17, 2015</b>	
<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> 2/9/2015	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: RICHARD POWELL Date 7/5/15 Time 9:30 am pm  
Test Conducted by: Johnny Daniels  
Others Present: \_\_\_\_\_

Well: <u>West point Federal 14-7-9-10</u>	Field: <u>Monument Butte</u>
Well Location: <u>SE/4W Sec 7, T9S, R10E</u> <u>Duchesne county</u>	API No: <u>43-013-32745</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1090</u>	psig
5	<u>1090</u>	psig
10	<u>1089</u>	psig
15	<u>1089</u>	psig
20	<u>1089</u>	psig
25	<u>1089</u>	psig
30 min	_____	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

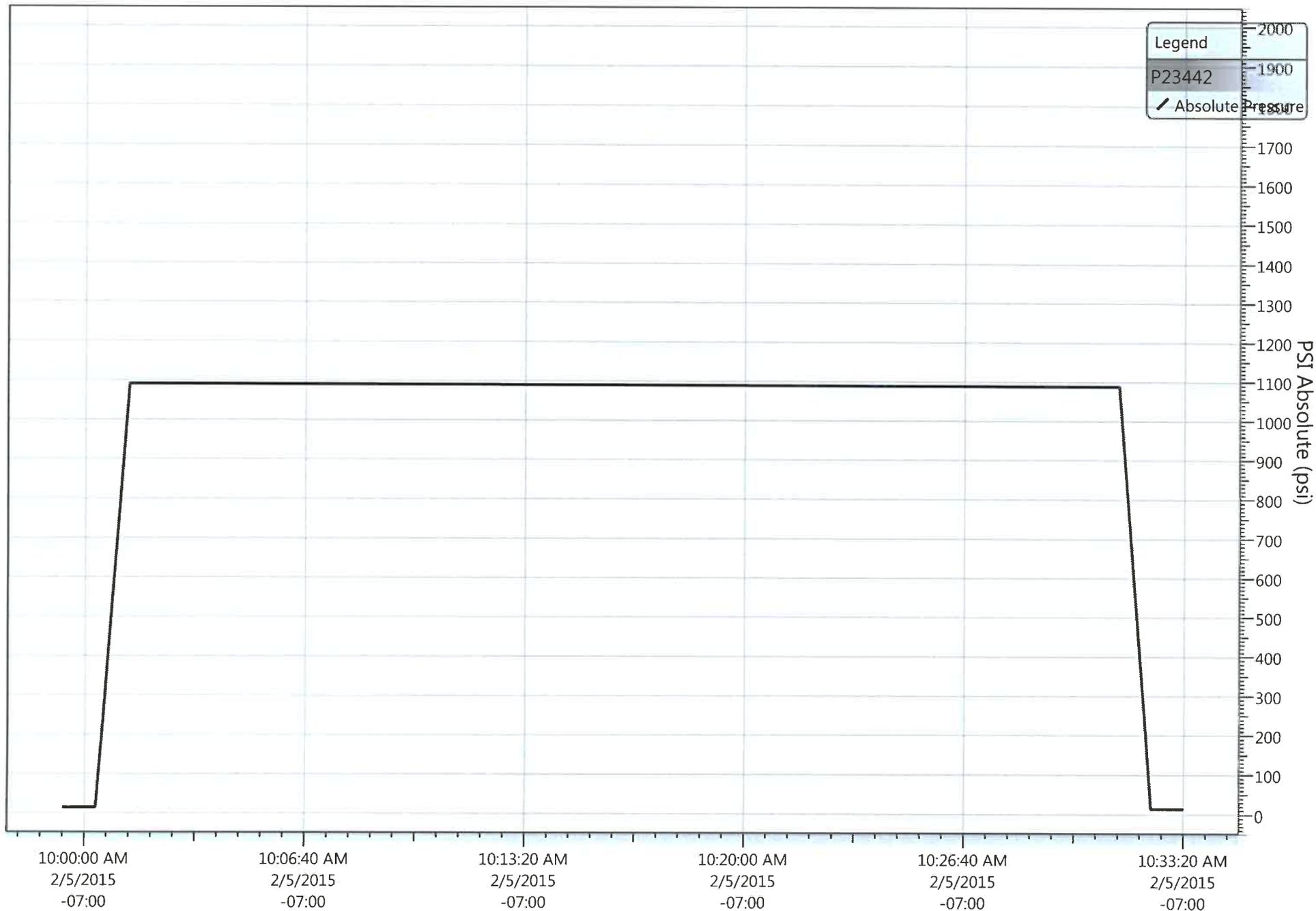
Tubing pressure: 1536 psig

Result: Pass Fail

Signature of Witness:   
Signature of Person Conducting Test: 

west point 14-7-9-16

2/5/2015 9:59:16 AM



# West Point 14-7-9-16

Spud Date: 02 09 06  
 Put on Production: 03 24 06  
 K.B.: 6000, G.L.: 5988

Initial Production:  
 BOPD, MCFD, BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.55')  
 DEPTH LANDED: 317.45' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

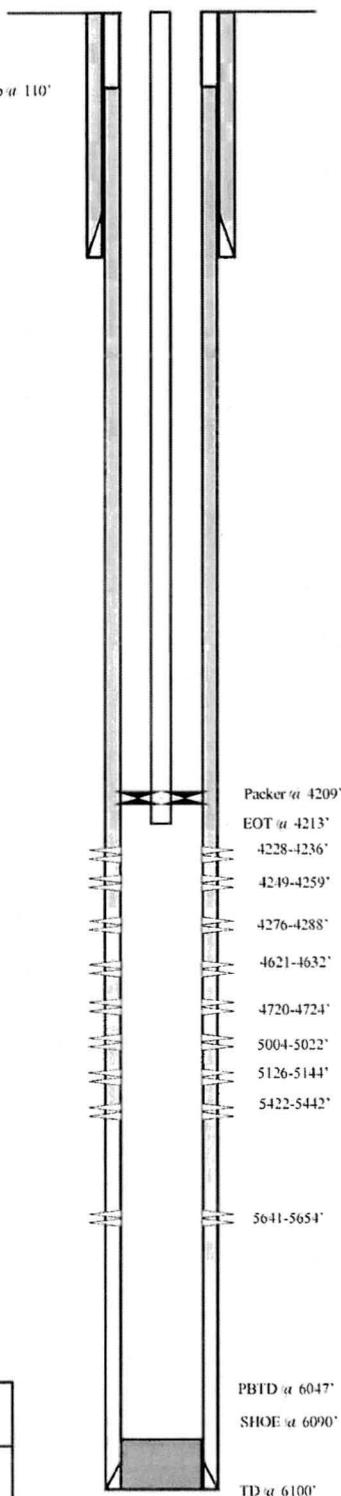
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6077.36')  
 DEPTH LANDED: 6090.61' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50 50 POZ.  
 CEMENT TOP @: 110'

### TUBING

SIZE GRADE WT.: 2-7/8" J-55 6.5#  
 NO. OF JOINTS: 130 jts (4192.9')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4204.9' KB  
 CE @ 4209.27'  
 TOTAL STRING LENGTH: EOT @ 4213' w 12' KB

Cement Top @ 110'



### FRAC JOB

03-14-06 5641-5654' **Frac CPI, sands as follows:**  
 4000# 20 40 sand in 460 bbls Lightning 17 frac fluid. Treated @ avg press of 1935 psi w avg rate of 25.3 BPM. ISIP 1970 psi. Calc flush: 5652 gal. Actual flush: 5670 gal.

03-15-06 5422-5442' **Frac LODC, sands as follows:**  
 4994# 20 40 sand in 509 bbls Lightning 17 frac fluid. Treated @ avg press of 2174 psi w avg rate of 25 BPM. ISIP 2290 psi. Calc flush: 5440 gal. Actual flush: 5418 gal.

03-15-06 5126-5144' **Frac A1 sands as follows:**  
 5432# 20 40 sand 471 bbls Lightning 17 frac fluid. Treated @ avg press of 2142 psi w avg rate of 25.3 BPM. ISIP 2200 psi. Calc flush: 5142 gal. Actual flush: 5166 gal.

03-15-06 5004-5022' **Frac B2 sands as follows:**  
 9049# 20 40 sand in 651 bbls Lightning 17 frac fluid. Treated @ avg press of 1763 psi w avg rate of 25.5 BPM. ISIP 1900 psi. Calc flush: 5020 gal. Actual flush: 4998 gal.

03-15-06 4621-4724' **Frac DS1, D1 sands as follows:**  
 2553# 20 40 sand in 320 bbls Lightning 17 frac fluid. Treated @ avg press 2017 psi w avg rate of 25.4 BPM. ISIP 2300 psi. Calc flush: 4722 gal. Actual flush: 4620 gal.

03-15-06 4228-4288' **Frac GB4, GB6 sands as follows:**  
 1236# 20 40 sand in 812 bbls Lightning 17 frac fluid. Treated @ avg press 1796 psi w avg rate of 25.4 BPM. ISIP 2180 psi. Calc flush: 4286 gal. Actual flush: 4116 gal.

08-25-06 **Pump Change-Tubing & Rod detail updated.**

08-14-07 **Workover: Updated rod details.**

05-28-08 **Tbg. Leak. Updated rod and tubing details**

02-27-10 **Convert to Injection well**

03-09-10 **MIT completed - update tbg detail**

### PERFORATION RECORD

Date	Interval	Tool	Holes
03 10 06	5641-5654'	4 JSPF	52 holes
03 14 06	5422-5442'	4 JSPF	80 holes
03 15 06	5126-5144'	4 JSPF	72 holes
03 15 06	5004-5022'	4 JSPF	72 holes
03 15 06	4720-4724'	4 JSPF	16 holes
03 15 06	4621-4632'	4 JSPF	44 holes
03 15 06	4276-4288'	4 JSPF	48 holes
03 15 06	4249-4259'	4 JSPF	40 holes
03 15 06	4228-4236'	4 JSPF	32 holes

**NEWFIELD**

**West Point 14-7-9-16**

493' FSL & 1919' FWL

SE SW Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-32745; Lease #UTU-74390