



February 29, 2000

United States Department of Interior  
Bureau of Land Management  
Vernal District Office  
ATTN: Margie Herrmann  
170 South 500 East  
Vernal, Utah 84078-2799

FILED  
CLC UWD 000200

RE: *West Point*  
~~Nine Mile~~ 12-6-9-16  
NWSW Section 6, T9S, R16E  
Duchesne County, Utah

Dear Ms. Herrmann:

Enclosed please find the Application for Permit to Drill the Nine Mile 12-6-9-16 well, submitted in triplicate, for your review and approval.

If you have any questions or require any additional information, please contact me or Jon Holst at (303) 893-0102.

Sincerely,

Anita L. Shipman  
Operations Secretary

Enc: Form 3160-3 (3 copies)

cc: State of Utah  
Division of Oil, Gas & Mining  
ATTN: Lisha Cordova  
1594 West North Temple -- Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801



INLAND PRODUCTION COMPANY  
West of ~~NINE MILE~~ 12-6-9-16  
NWSW SECTION 6, 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 – 1650'
Green River	1650'
Wasatch	6500'

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

Green River Formation 1650' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Please refer to the Monument Butte Field SOP.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

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

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 2000 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.

*West of* INLAND PRODUCTION COMPANY  
*at* NINE MILE 12-6-9-16  
NWSW SECTION 6, 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 Inland Production Company well location site Nine Mile 12-6-9-16 located in the NWSW Section 6, T9S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 approximately 1.5 miles to the junction of this highway and Utah State Highway 53; proceed south and southeast along Utah State Highway 53 approximately 1.6 miles to the junction of State Highway 53 and Sand Wash Road. Remain on State Highway 53 and travel southeast 4.9 miles to Indian Reservation Boundary, travel west 2.4 miles on the Indian Reservation Boundary road, then south approximately 1 mile and then east/southeast for an additional 2 miles to the beginning of the proposed access road.

2. **PLANNED ACCESS ROAD**

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

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "D"

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 "C".

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. See Exhibit "E".

8. **ANCILLARY FACILITIES:**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT:**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s). Refer to Exhibits "E" and "E-1".

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 Cultural Resource Survey is attached.

Inland Production Company requests a 60' ROW for the (WELL NAME) to allow for construction of a 6" poly 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".

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name: Jon Holst  
Address: 410 Seventeenth Street  
Suite 700  
Denver, CO 80202  
Telephone: (303) 893-0102

Certification

Please be advised that INLAND RESOURCES, INC. is considered to be the operator of well #12-6-9-16, NWSW Section 6, T9S, R16E, S.L.B. & M., 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.

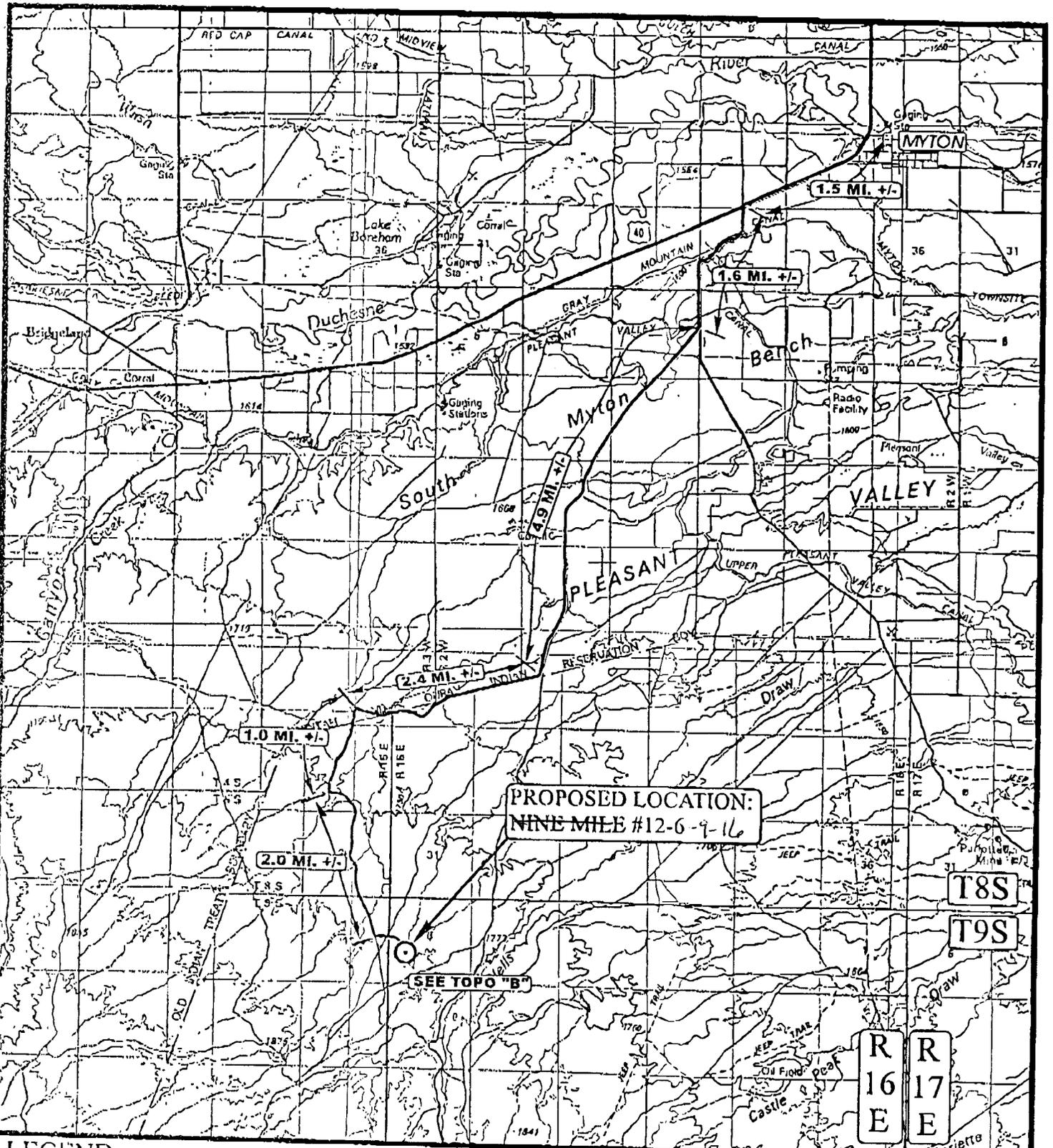
Onshore Order No. 1  
Multi-Point Surface Use & Operations Plan  
~~Nine Mile~~ 12-6-9-16  
Page 4 of 4

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Resources, Inc. 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 the 18 U.S.C. 1001 for the filing of a false statement.

2/29/00

Date

  
\_\_\_\_\_  
Jon Holst  
Counsel



LEGEND:

○ PROPOSED LOCATION



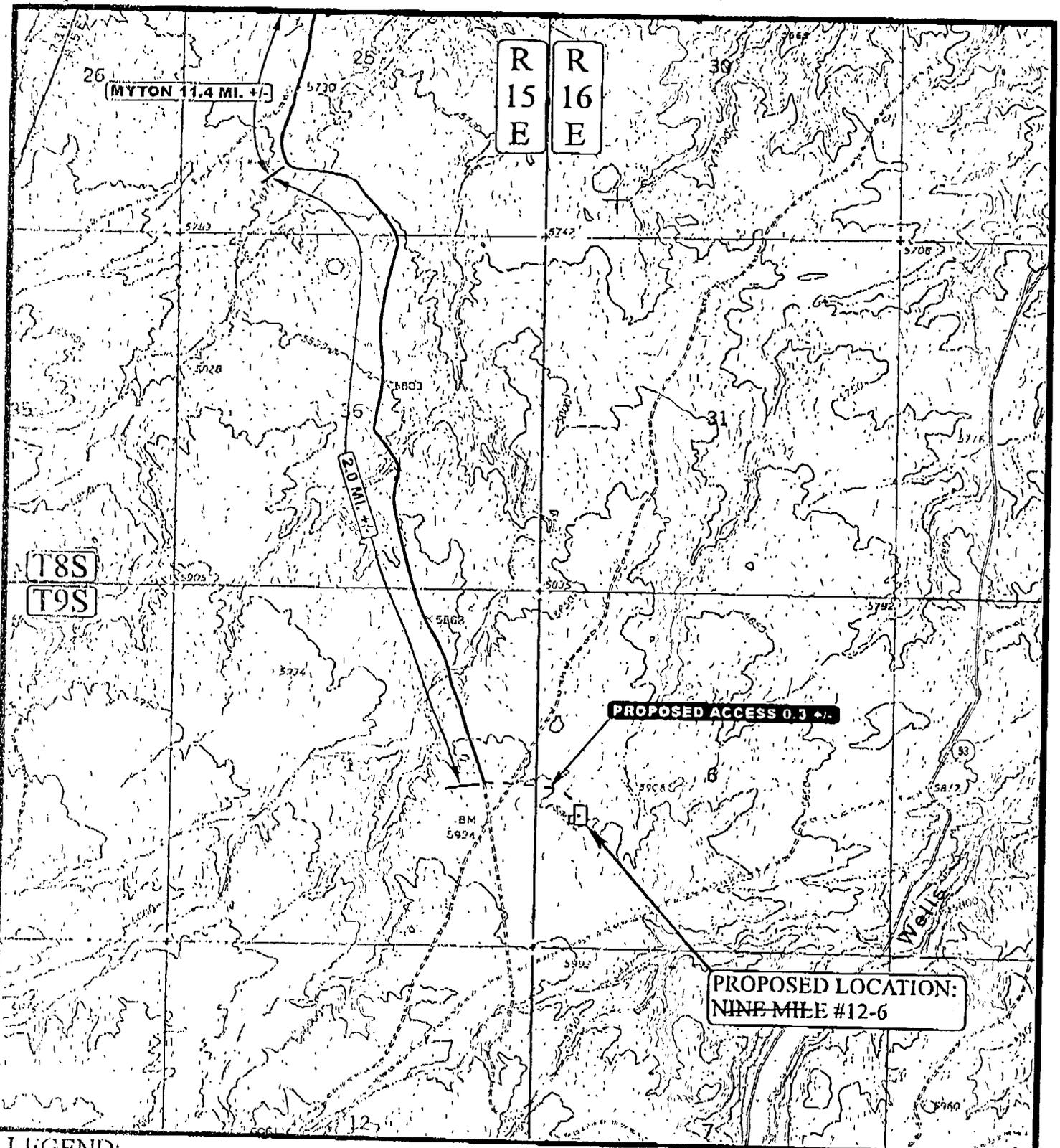
INLAND PRODUCTION CO.

West Point NINE MILE #12-6  
 SECTION 6, T9S, R16E, S.L.B.&M.  
 1994' FSL 532' FWL

**Uels**  
 Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (801) 789-1017 \* FAX (801) 789-1813  
 Email: uels@casilink.com

**TOPOGRAPHIC MAP**  
 8 25 97  
 MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: C.G. REVISED: 00-00-00





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD

**INLAND PRODUCTION CO.**

West Point NINE MILE #12-6  
 SECTION 6, T9S, R16E, S.L.B.&M.  
 1994' FSL 532' FWL



**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (801) 789-1017 • FAX (801) 789-1813  
 Email: uels@caslink.com

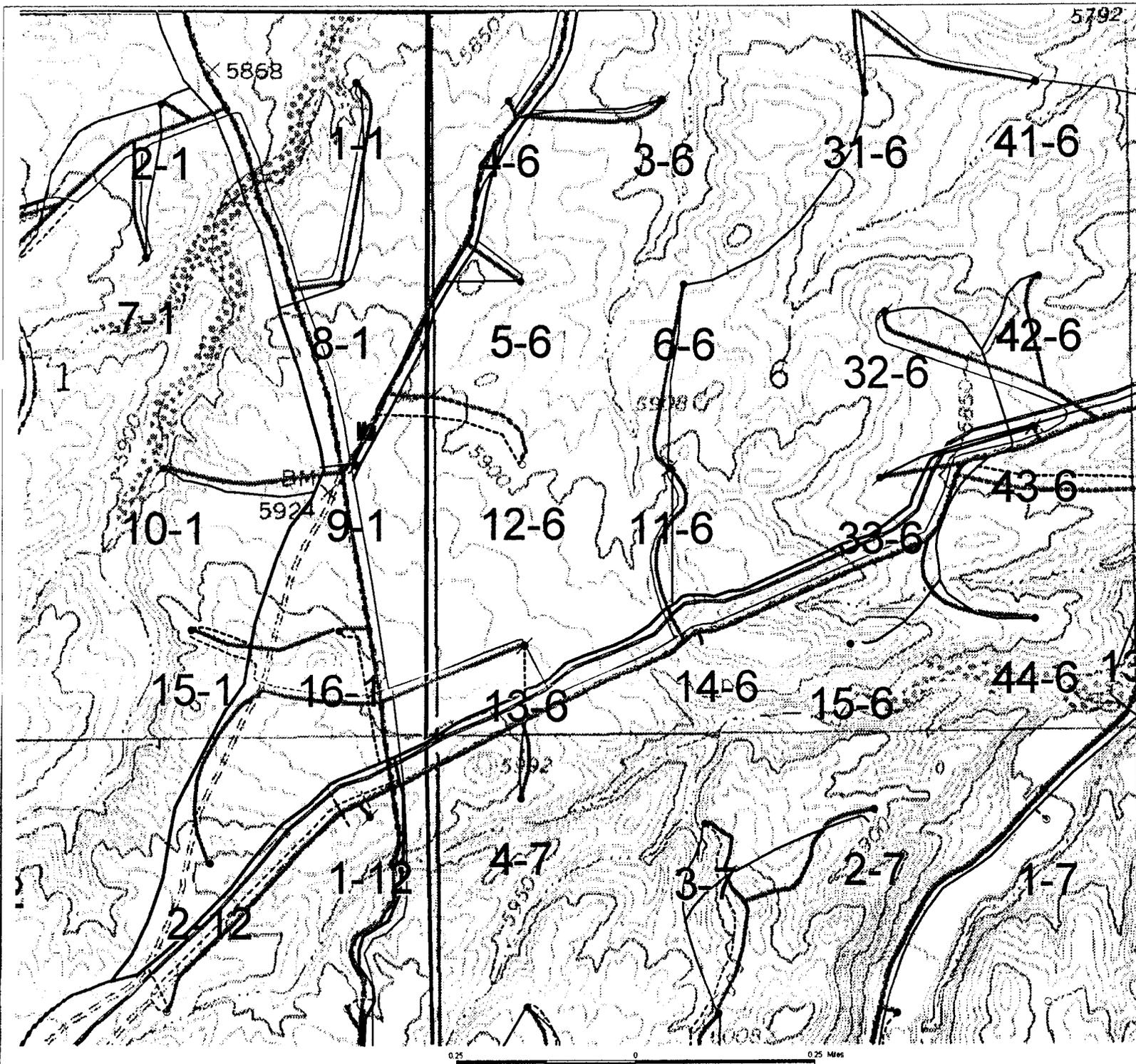


**TOPOGRAPHIC  
 MAP**

**8 25 97**  
 MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00



Well Categories

- NU
- ⊙ WTR
- ⊙ SWD
- OL
- ⊙ GAS
- ⊙ DRY
- ⊙ SHUTIN
- ⊙ SUSPENDED
- ⊙ ABND
- LOC

- Compressor Stations
- ▬ Gas 10 inch
- ▬ Gas 8 inch and larger
- ▬ Proposed 8 inch Gas
- ▬ Gas 4 inch and smaller
- ▬ Proposed Gas
- ▬ Gas buried
- ▬ Petroglyph Gas line
- ▬ Guestar Gas line
- ▬ Compressors - Other
- ▬ Water 8 inch
- ▬ Proposed Water 8 inch
- ▬ Water 4 inch
- ▬ Water 2 to 3 inch
- ▬ Proposed Water
- ▬ Water return
- ▬ Proposed Water Return
- ▬ Johnson Water Line
- Injection Stations
- Pump Stations
- RO 30s (Dughead)
- ▬ Flared
- ▬ Dirt
- ▬ Proposed
- Tie Track
- ▬ Private
- ▬ Roads USGS 1:100,000

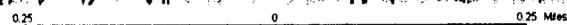
TOPOGRAPHIC MAP C



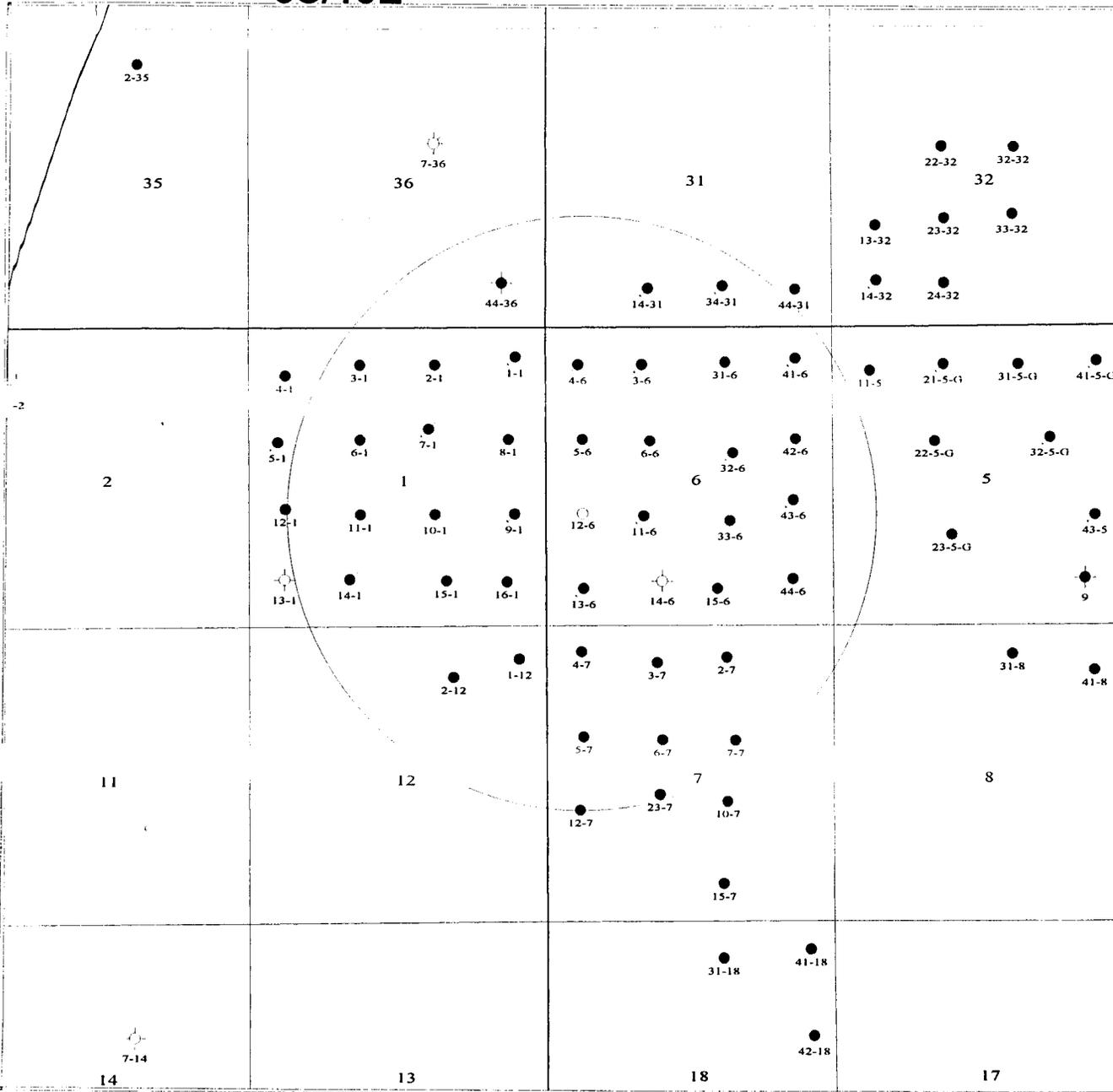
8011 F Street, Suite 400  
Denver, Colorado 80231  
Phone (303) 453-0112

**UINTA BASIN**  
Division of Utah's Lands, UTAH

Date 2/2/00 7A



# 8S/15E



## EXHIBIT D

INLAND PRODUCTION COMPANY

One Mile Radius  
West Point #12-6-9-16

Josh Atteien

2/13/2010

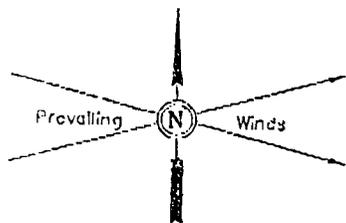
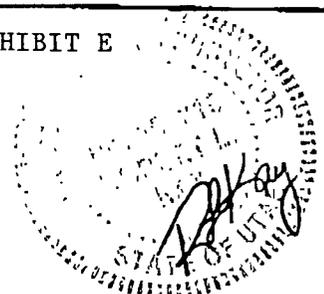
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INLAND PRODUCTION CO.

- EXHIBIT E

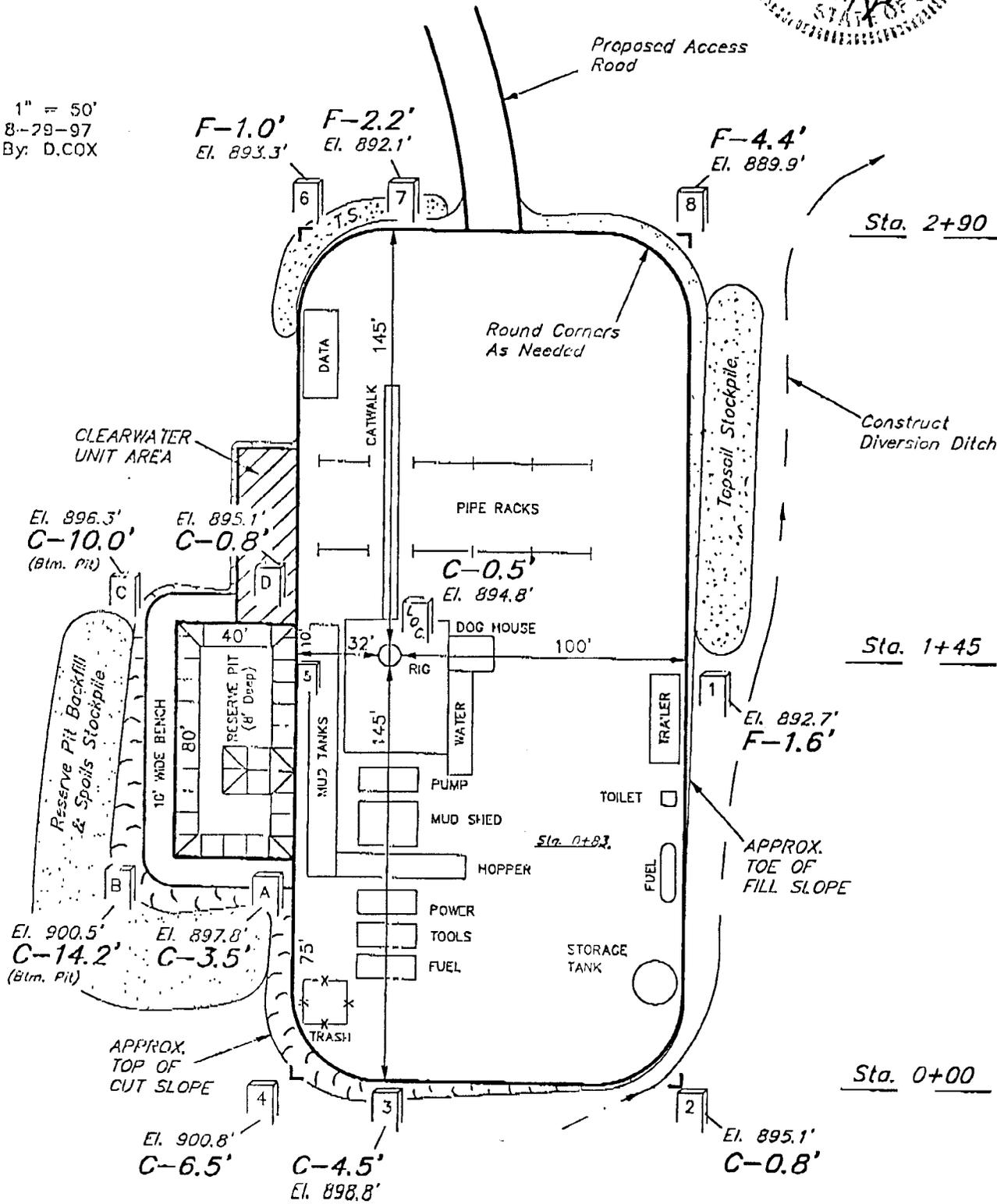
LOCATION LAYOUT FOR

Point NINE MILE #12-6  
SECTION 6, T9S, R16E, S.L.B.&M.  
1994' FSL 532' FWL



SCALE: 1" = 50'  
Date: 8-29-97  
Drawn By: D.COX

NOTE:  
PIT CAPACITY  
WITH 2' OF  
FREEBOARD  
= 1,950 Bbls.

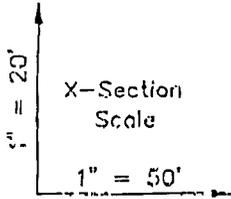
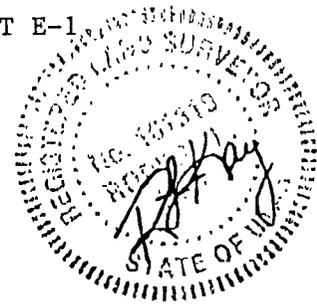


Elev. Ungraded Ground at Location Stake = 5894.8'  
Elev. Graded Ground at Location Stake = 5894.3'

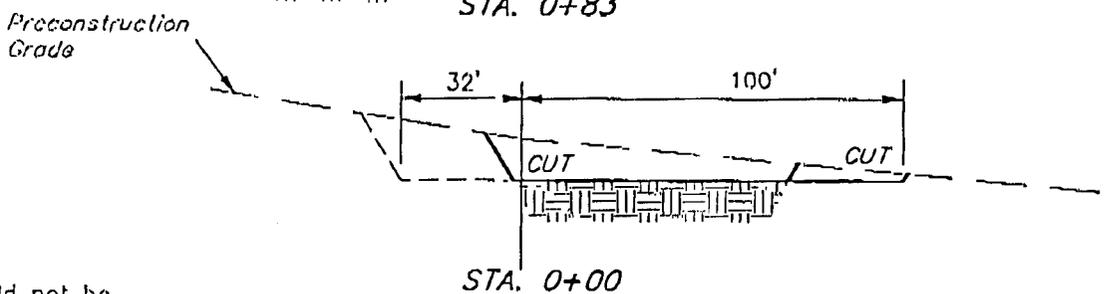
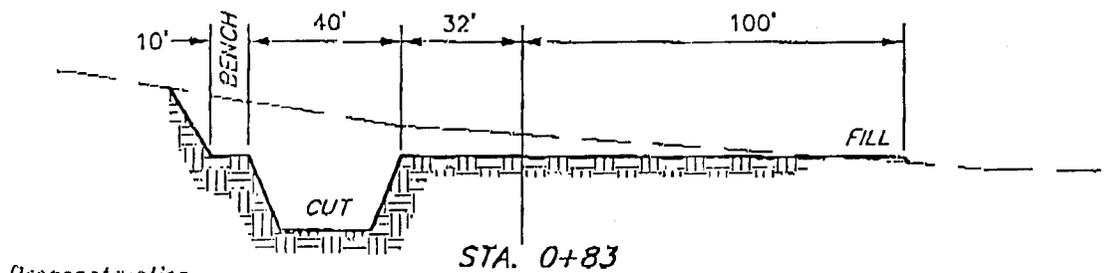
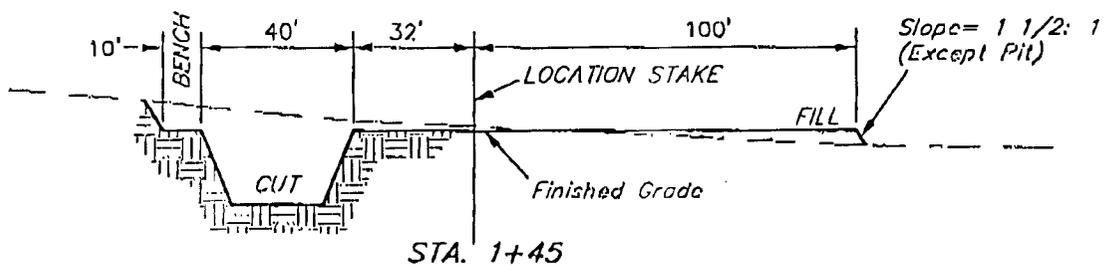
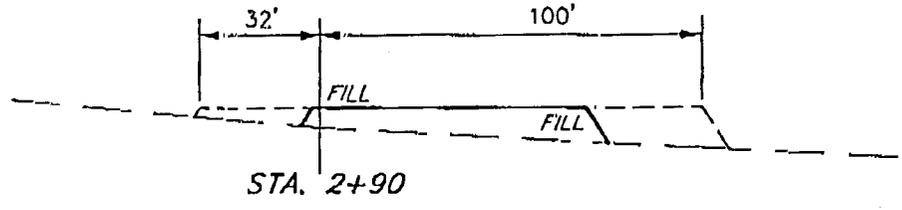
UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

**INLAND PRODUCTION CO. - EXHIBIT E-1**  
**TYPICAL CROSS SECTIONS FOR**

Point ~~NINE-MILE~~ #12-6  
 SECTION 6, T9S, R16E, S.L.B.&M.  
 1994' FSL 532' FWL



Date: 8-29-97  
 Drawn By: D.COX



NOTE:  
 Topsoil should not be Stripped Below Finished Grade on Substructure Area.

**APPROXIMATE YARDAGES**

CUT	
(6") Topsoil Stripping	= 780 Cu. Yds.
Remaining Location	= 2,240 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 3,020 CU.YDS.</b>
<b>FILL</b>	<b>= 1,700 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,230 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,090 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 140 Cu. Yds.

**UINTAH ENGINEERING & LAND SURVEYING**  
 86 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

Well No.: 12-6-9-16

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: <sup>West Point</sup>~~Nine Mile~~ 12-6-9-16

API Number:

Lease Number: UTU-74390

Location: NWSW Sec. 6, T9S, R16E

**GENERAL**

The access road to the well pad shall come from a westerly direction, branching off of an existing gravel road north of the Inland Production Co. Ashley Injection Station.

**CULTURAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**PALEONTOLOGICAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**SOILS, WATERSHEDS, AND FLOODPLAINS**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**WILDLIFE AND FISHERIES**

**BURROWING OWL:** Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and July 15. If new construction or surface disturbing activities are scheduled between April 1 and July 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and July 15 within a 0.5 mile radius of any active burrowing owl nest.

**THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES**

**FERRUGINOUS HAWK:** 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.

**MOUNTAIN PLOVER:** If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be completed prior to initiating new construction or surface disturbing activities (see Survey Protocol COAs EA Number 1996-61).

**OTHER**

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/03/2000

API NO. ASSIGNED: 43-013-31765

WELL NAME: West Point  
~~NINE MILE~~ U 12-6-9-16  
OPERATOR: INLAND PRODUCTION ( N5160 )  
CONTACT: JON HOLST

PHONE NUMBER: 303-893-0102

PROPOSED LOCATION:

NWSW 06 090S 160E  
SURFACE: 1994 FSL 0532 FWL  
BOTTOM: 1994 FSL 0532 FWL  
DUCHESNE  
MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
LEASE NUMBER: UTU-74390  
SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

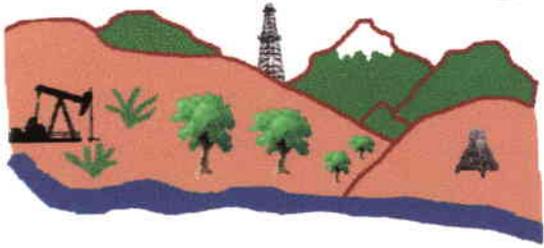
Plat  
 Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )  
N Potash (Y/N)  
N Oil Shale (Y/N) \*190 - 5 (B)  
 Water Permit  
(No. MUNICIPAL )  
N RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

   R649-2-3. Unit West Point (GP)  
 R649-3-2. General  
Siting: \_\_\_\_\_  
   R649-3-3. Exception  
   Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_  
   R649-3-11. Directional Drill

COMMENTS: \* Mon. Butte Field (SOP), separate file.

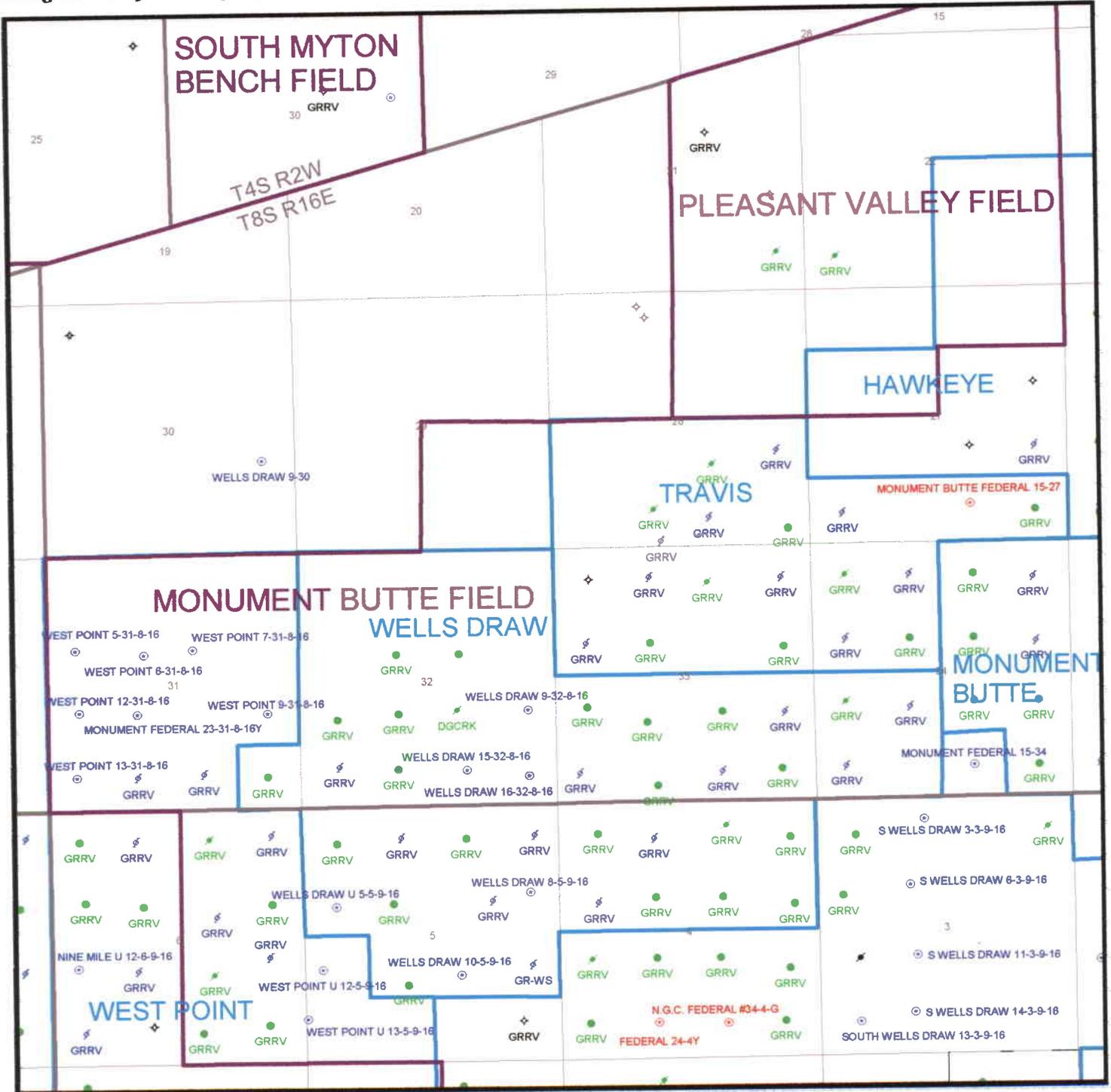
STIPULATIONS: ① FEDERAL APPROVAL



# Utah Oil Gas and Mining

Serving the Industry, Protecting the Environment

OPERATOR: INLNAD PRODUCTION CO. (N5160)  
 FIELD: MONUMENT BUTTE (105)  
 SEC. 34, T 8 S, R 16 E, & SEC 5 & 6, T 9 S, R 16 E  
 COUNTY: DUCHESNE UNIT:



PREPARED  
 DATE: 13-Mar-2000



March 16, 2000

United States Department of Interior  
Bureau of Land Management  
Vernal District Office  
ATTN: Leslie Crinklaw  
170 South 500 East  
Vernal, Utah 84078-2799

RE: West Point/Nine Mile 12-6-9-16  
Lot 6, Section 6, T9S, R16E  
Duchesne County, Utah

Dear Ms. Crinklaw:

Enclosed please find a new Application for Permit to Drill cover sheet with original signature, a correction to the unit agreement name and a correction to the legal description for the above captioned well, as requested in your letter of 3/10/00 (copy attached). The paleontological report will be forwarded to your office under separate cover.

If you have any questions or require any additional information, please contact me or Jon Holst at (303) 893-0102.

Sincerely,

Anita L. Shipman  
Operations Secretary

Enc: Form 3160-3 (original)

cc: State of Utah  
Division of Oil, Gas & Mining  
ATTN: Lisha Cordova  
1594 West North Temple -- Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Roosevelt Office



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (435) 781-4400  
Fax: (435) 781-4410

IN REPLY REFER TO:

3160  
UT08300

March 10, 2000

Inland Production Company  
410 17<sup>th</sup> Street, Suite 700  
Denver, Colorado 80202

Re: Application for Permit to Drill  
Well No. West Point 12-6-9-16  
Lot 6, Sec. 6, T9S, R16E  
Lease No. U-74390  
West Point (GR) SR

Dear Operator:

The referenced application was received on March 2, 2000.

Your application will be administratively complete for processing upon the receipt of the following: cover page with an original signature, correct unit agreement name, Lot 6 included in the legal description; and a survey for paleontological materials and localities.

If a cover page with an original signature is not received within 45 days of the date of this letter, this application will be returned.

As required by 43 CFR 3162.31(g), this APD Form 3160-3, map of the area, and lease stipulations will be posted for thirty (30) days at the BLM Vernal District Office, 170 South 500 East, Vernal, Utah.

As part of the approval process, your application will be reviewed for technical adequacy and proposed surface mitigation. During this portion of the approval process, you may be required to furnish additional information.

Once your application is determined to be technically complete, a final decision will be issued from this office.

If you have any questions concerning APD processing, please contact me at (435) 781-4497.

Sincerely,

Leslie Crinklaw  
Legal Instruments Examiner

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

<b>APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK</b>			5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-74390</b>	
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>NA</b>	
1a. TYPE OF WORK <b>DRILL</b> <input type="checkbox"/> <b>DEEPEN</b> <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME <b>West Point Unit</b>		
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. FARM OR LEASE NAME <b>Nine Mile</b>		
2. NAME OF OPERATOR <b>Inland Production Company</b>		9. WELL NO. <b>12-6-9-16</b>		
3. ADDRESS OF OPERATOR <b>410 - 17th Street, Suite 700, Denver, CO 80202 Phone: (303) 893-0102</b>		10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b>		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface <b>Lot 6, NWSW, 532' FWL &amp; 1994' FSL</b> At proposed Prod. Zone		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 6, T9S, R16E</b>		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 13.5 miles from Myton, Utah</b>		12. County <b>Duchesne</b>	13. STATE <b>UT</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>Approx 532' FLL &amp; 532' f/drlg unit line</b>	16. NO. OF ACRES IN LEASE <b>2037</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approx 532' FLL &amp; 532' f/drlg unit line</b>	19. PROPOSED DEPTH <b>6500'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5895' GR</b>		22. APPROX. DATE WORK WILL START* <b>1st Quarter 2000</b>		

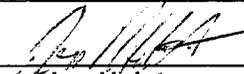
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>				

**Inland Production Company proposes to drill this well in accordance with the attached exhibits.**

**The Conditions of Approval are also attached.**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.  
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

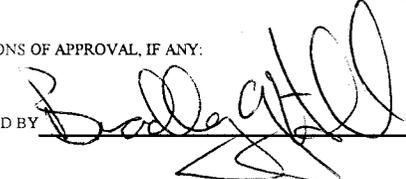
24. SIGNED  TITLE **Counsel** DATE **3/15/00**  
**Jon Holst**

(This space for Federal or State office use)

PERMIT NO. **43-013-31765** APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY  TITLE **BRADLEY G. HILL** DATE **3/30/00**  
**RECLAMATION SPECIALIST III**

**Federal Approval of this Action is Necessary** \*See Instructions On Reverse Side

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

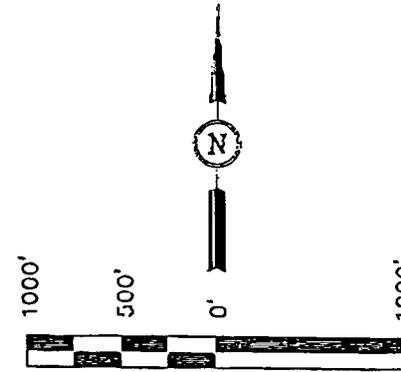
INLAND PRODUCTION CO.

Well location, NINE MILE #12-6, located as shown in the NW 1/4 SW 1/4 of Section 6, T9S, R16E, S.L.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK LOCATED IN THE NE 1/4 SE 1/4 OF SECTION 1, T9S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5924 FEET.

BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH.



SCALE

CERTIFICATE

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

*Robert L. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

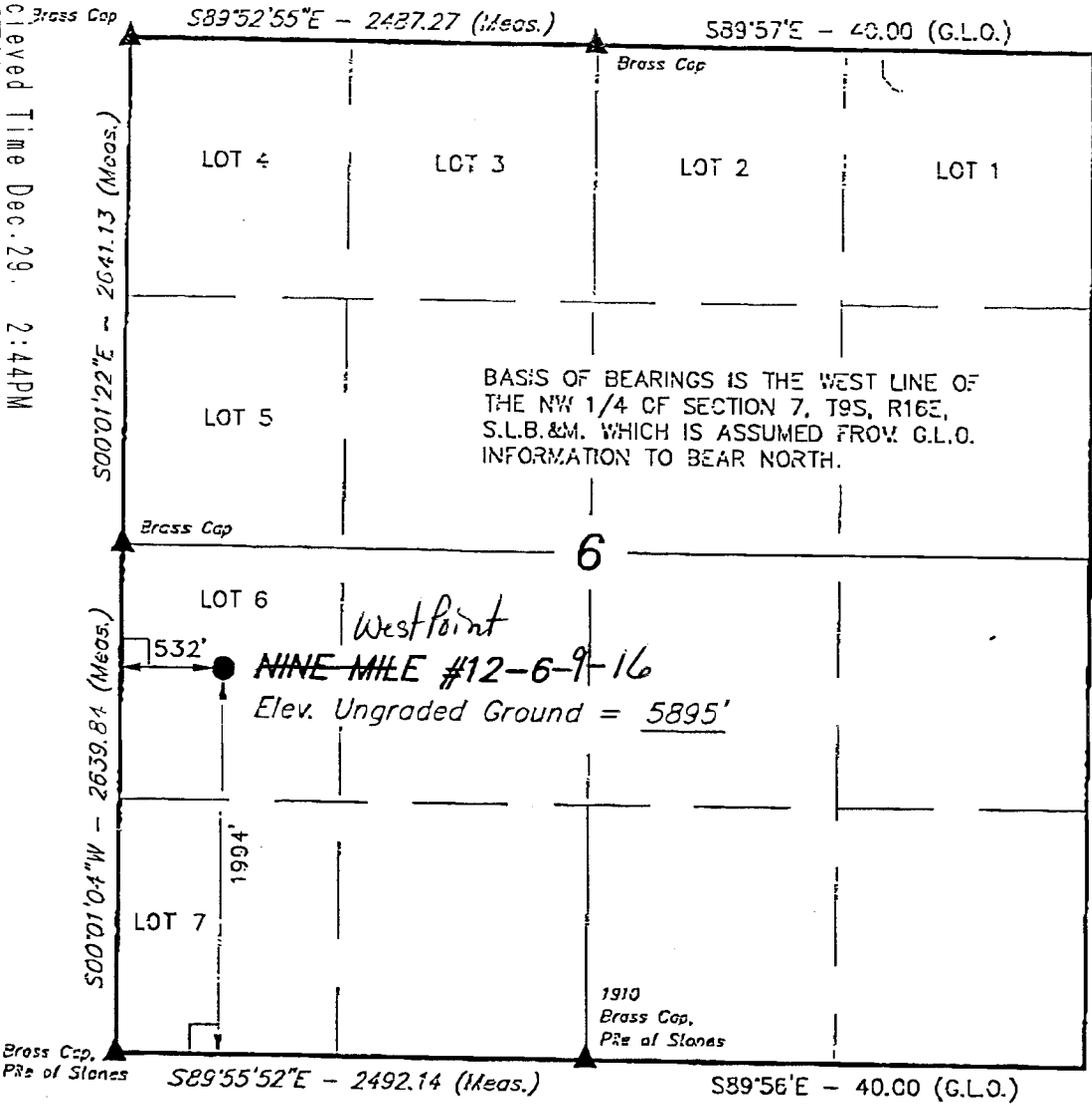
UINTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 8-24-97	DATE DRAWN: 8-29-97
PARTY L.D.T. B.H. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

Received Time Dec. 29. 2:44PM

DEC-29-99 WED 01:56 PM INLAND PRODUCTION CO FAX NO. 435 646 3031

P. 02/06



- LEGEND:
- └─┘ = 90° SYMBOL
  - = PROPOSED WELL HEAD.
  - ▲ = SECTION CORNERS LOCATED.

# 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)

March 29, 2000

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2000 Plan of Development West Point Unit  
Duchesne County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2000 within the West Point Unit, Duchesne County, Utah.

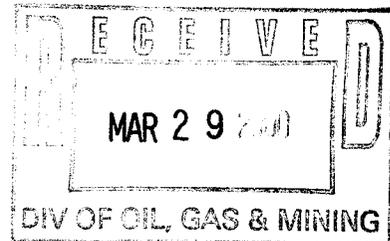
API #	WELL NAME	LOCATION
43-013-31765	WEST POINT 12-6-9-16	1994-FSL 0532-FWL 06 09S 16E

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  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:3-29-0





State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

March 30, 2000

Inland Production Company  
410 - 17th Street, Suite 700  
Denver, CO 80202

Re: West Point Unit 12-6-9-16 Well, 1994' FSL, 532' FWL, NW SW, Sec. 6, T. 9S, R. 16E,  
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 43-013-31765.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza  
Associate Director

er

Enclosures

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

**Operator:** Inland Production Company  
**Well Name & Number** West Point Unit 12-6-9-16  
**API Number:** 43-013-31765  
**Lease:** UTU-74390  
**Location:** NW SW                      Sec. 6                      T. 9S                      R. 16E

### 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
- Contact Robert Krueger at (801) 538-5274.

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.



April 5, 2000

United States Department of Interior  
Bureau of Land Management  
Vernal District Office  
ATTN: Leslie Crinklaw  
170 South 500 East  
Vernal, Utah 84078-2799

RE: <sup>43-013-31765</sup>  
West Point/Nine Mile 12-6-9-16  
Lot 6, Section 6, T9S, R16E  
Lease #U-74390  
Duchesne County, Utah

Dear Ms. Crinklaw:

Enclosed please find three copies of the paleontological report for the above captioned well, as requested in your letter dated March 10, 2000. The cover page with original signature was forwarded to you on March 16, 2000.

If you have any questions or require any additional information, please contact me or Jon Holst at (303) 893-0102.

Sincerely,

Anita L. Shipman  
Operations Secretary

Enc: Paleontological Survey (3 copies)

cc: State of Utah  
Division of Oil, Gas & Mining  
ATTN: Lisha Cordova  
1594 West North Temple – Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Roosevelt Office

**RECEIVED**

APR 07 2000

DIVISION OF  
OIL, GAS AND MINING

**INLAND RESOURCES, INC.**

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

(Sections 5, 6, 11, and 12, Township 9 South, Range 16 East)

**REPORT OF SURVEY**

Prepared for  
Inland Resources, Inc.

By Wade E. Miller  
Consulting Paleontologist

March 27, 2000

## **Introduction**

On Thursday, March 16, 2000, Wade Miller received a fax from Jon Holst of Inland Resources in Denver, Colorado, requesting that a paleontological field survey be performed on various proposed well units in southeastern Duchesne County. The requested areas to be surveyed involved seven quarter, quarter sections as follows: Jonah Unit 4-12; NW 1/4, NW 1/4, Sec. 12, T 9 S, R 16 E, Jonah Unit 1-11; NE 1/4, NE 1/4, Sec. 11, T 9 S, R 16 E, Jonah Unit 2-11; NW 1/4, NE 1/4, Sec. 11, T 9 S, R 16 E, Jonah Unit 3-11; NE 1/4, NW 1/4, Sec. 11, T 9 S, R 16 E - Wells Draw Unit 5-5; SW 1/4, NW 1/4, Sec. 5, T 9 S, R 16 E, Wells Point Unit 12-5; NW 1/4, SW 1/4, Sec. 5, T 9 S, R 16 E, Wells Point Unit 12-6; NW 1/4, SW 1/4, Sec. 6, T 9 S, R 16 E. These units are located on both the Myton SE and Myton SW 7.5' USGS quadrangles. Several previous paleontological surveys have been made by Wade Miller at proposed well locations in the general area, some being close to those surveyed for the present report.

It is critical that these and other areas be surveyed paleontologically, as important fossils may be encountered during excavating activities. Some have already been found and noted in previous survey reports. The extensive well fields south of Myton, Utah, being developed by Inland Resources, Inc., are on beds of the Uinta Formation, one of the most paleontologically significant formations in Utah. The fossil fauna recovered from this formation is truly impressive. It includes various plants, fish, amphibians, reptiles and mostly mammals. Their study has not only provided data about the various taxa, but has contributed to a knowledge of climatic conditions that existed at the time, about 40 - 42 million years ago. While many types of fossil vertebrates have already been discovered, there is the possibility that better specimens will be found which can provide significant new information. Also, it is likely that new species will be discovered in time.

## **Paleontological Field Survey**

The present paleontological field survey was done on Saturday, March 25, 2000. Each of the quarter/quarter sections listed above was surveyed on foot. While the bulk of the area surveyed was on the Eocene age Uinta Formation, Wells Draw, which bisects some of surveyed units, contains substantial amounts of Quaternary alluvium. While some of these deposits are undoubtedly of Holocene (Recent) age, some appeared to be Pleistocene. And Pleistocene sediments have produced important vertebrate fossils, such as mammoths, mastodons, giant ground sloths and other extinct animals from various parts of Utah. For this reason the deposits in Wells Draw were carefully inspected where they existed in the area of the present survey.

Some, but not all, of the quarter/quarter sections surveyed were marked by stakes, making their exact locations easier to survey. Staked areas included the SW 1/4, NW 1/4, and NW 1/4, SW 1/4, Sec. 5, T 9 S, R 16 E, of the Wells Draw and Wells<sup>ST</sup> Point units. The ground surface here and in the NW 1/4, SW 1/4, Sec. 6, T 9 S, R 16 E, was largely covered in weathered rock fragments from the Uinta Formation and desert soil. However, numerous rock outcrops were noted on the slopes of Wells Draw. These consisted of interbedded sandstones and shales, mostly the former. The sandstone beds range from thick to thin with some cross-bedding, from coarse to fine in particle size, and brown to tan to brownish-green in color. The shales were reddish-brown in some areas, green in others. All these units were carefully inspected for fossils, as were the Quaternary sediments at the bottom of Wells Draw.

The four quarter, quarter sections listed above in the Jonah Unit, since they are contiguous, were walked out and paleontologically surveyed as one unit. There are only limited exposures of bedrock in all four of these quarter, quarter sections. Most of the area is covered with weathered rock fragments and desert soil, which is not conducive for finding fossils. Two arroyos running through the area provided the only significant outcrops of Uinta Formation. These are mostly sandstone layers with some exposed intercalated shales. Again, the nature of the sandstones was similar to those given above. It was noted here, however, that ripple marks occur in some of the

finer grained sandstones. Cross-bedding occurs in coarser sandstone units. Both the ripple marks and cross-bedding are indicative of current action, and serve to demonstrate that many of the units were deposited in stream channels.

### **Results of Survey**

In the Wells Draw and Wells Point quarter, quarter sections, plant fossils consisting mostly of twig and leaf fragments are locally abundant. These are mainly confined to an upper brown sandstone bed of medium sized sand grains. The only difference in these plant fossils in the three quarter, quarter sections is that those in the NW 1/4, SW 1/4, Sec. 6, T 9 S, R 16 E, contained some small to moderate sized branches. Mostly, though, these are of impressions, with few compressions.

In the four quarter, quarter, sections of the Jonah Units, only a few possible fossil plant fragments were observed. However, in Jonah Unit 3-11; NE 1/4, NW 1/4, Sec.11, T 9S, R 16 E, at the bottom of the arroyo, a few burrowing structures were noted in the finer grained sandstones.

### **Recommended Mitigation**

While plant fossils were observed at a few localities, as noted above, their poorly preserved nature and condition makes them scientifically relatively unimportant. The uncommon burrowing structures found are also not considered to be of scientific importance. There was a total absence of any vertebrate fossils seen in any of the seven quarter, quarter sections surveyed paleontologically. Therefore, the only mitigation recommended is to inform those excavating these areas that it is still possible that important fossils could be uncovered, and that they should immediately contact a paleontologist if bones are uncovered.

*Wade E. Miller*

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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK DRILL  DEEPEN   
 1b. TYPE OF WELL  
 OIL GAS SINGLE MULTIPLE  
 WELL  WELL  OTHER  ZONE  ZONE

2. NAME OF OPERATOR  
**Inland Production Company**

3. ADDRESS OF OPERATOR  
**410 - 17th Street, Suite 700, Denver, CO 80202 Phone: (303) 893-0102**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At Surface **Lot 6, NWSW, 532' FWL & 1994' FSL**  
 At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 13.5 miles from Myton, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**Approx 532' FLL & 532' f/drlg unit line**

16. NO. OF ACRES IN LEASE  
**2037**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.  
**Approx 532' FLL & 532' f/drlg unit line**

19. PROPOSED DEPTH  
**6500'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5895' GR**

22. APPROX. DATE WORK WILL START\*  
**1st Quarter 2000**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

**RECEIVED**

APR 24 2000

DIVISION OF OIL, GAS AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed zone.  
 If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Jon Holst TITLE **Counsel** DATE **3/15/00**

**NOTICE OF APPROVAL**

**CONDITIONS OF APPROVAL ATTACHED**

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Greg Kenighe TITLE **Acting Assistant Field Manager Mineral Resources** DATE **APR 20 2000**

\*See Instructions On Reverse Side

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

OCMA  
00LC1557A

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

Company/Operator: Inland Production Company  
Well Name & Number: Nine Mile 12-6-9-16  
API Number: 43-013-31765  
Lease Number: U-74390  
Location: Lot 6 Sec. 06 T. 09S R. 16E  
Unit Name & Number: West Point (GR) SR U-77107X

**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 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.

**Drilling Operations**

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water identified at  $\pm$  910 ft.

**RECEIVED**

APR 24 2000

DIVISION OF  
OIL, GAS AND MINING

**SURFACE USE PROGRAM  
Conditions of Approval (COA)**

Plans For Reclamation Of Location

All seeding for reclamation operations at this location shall use the following seed mixture:

galleta grass	Hilaria jamesi	3 lbs/acre
blue gramma	Bouteloua gracilis	2 lbs/acre
black sagebrush	Artemisia nova	4 lbs/acre
fringed sagebrush	Artemisia frigida	3 lbs/acre

If the seed mixture is to be aurally broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Immediately after construction the stockpiled top soil will be seeded and the seed worked into the soil by "walking" the pile with caterpillar tracks.

**RECEIVED**

APR 24 2000

DIVISION OF  
OIL, GAS AND MINING

**INLAND PRODUCTION COMPANY**  
**GEOLOGIC PROGNOSIS AND LOG DISTRIBUTION LIST**

(Updated 6/8/2000)

*West Point U*

**WELL:** Nine Mile #12-6-9-16

**API Number:** 43-013-31765

**LOCATION:** 532' FWL, 1994' FSL (NWSW)  
Section 6, T9S, R16E  
Duchesne County, Utah

**ELEVATION:** 5895' Ground  
5905' KB

**TOPS:**

Uinta Formation	surface
Green River Formation	
Garden Gulch Member	3810'
Point Three Marker	4399'
'X' Marker	4667'
'Y' Marker	4703'
Douglas Creek Member	4820'
Bicarbonate	5060'
B Limestone	5175'
Castle Peak Limestone	5698'
Basal Limestones	

**ANTICIPATED PAY SANDS:**

GB-4	4310'
D-1	4871'
B-0.5	5084'
A-0.5	5240'
LODC	5350'
CP-2	5826'

**TOTAL DEPTH:** 5950'

**CORES:** None planned

**DSTS:** None planned

**SAMPLES:** 30' samples from 3000' to TD

**DRILLING:**

Union Rig#14: (435) 828 6434

Pusher: (435) 828 6433 Rex Harris

Superintendent: David Gray (435) 828 8031 (cellular)

**REPORT WATER FLOWS TO UTAH DIVISION OF OIL, GAS AND MINING:** (801) 538 5340

**OPEN HOLE LOGGING:**

Phoenix Surveys: David Jull (435) 637 4420

DIGL/SP/GR Suite: TD to surface casing

CDL/CNL/GR/CAL Suite logs: TD to 3000'

Gamma Ray scale 0-150

Matrix density 2.68

LAS data floppy required.

**DATA DISTRIBUTION:**

*West Point U*

Nine Mile #12-6-9-16

Page 1 of 2

**RECEIVED**

JUL 31 2000

**DIVISION OF  
OIL, GAS AND MINING**

Inland Production Company (Mail 6 copies)  
Route #3 Box 3630  
Myton, UT 84052  
Attn: Brad Mecham

Inland Production Company (Mail 6 copies,  
EXPRESS)  
410 17th St., Suite 700  
Denver, CO 80202  
Fax: 303-382-4455  
Attn: Josh Axelson

State of Utah  
Division of Oil, Gas and Mining (Mail 1 copy)  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Bureau of Land Management (Mail 1 copy)  
170 S. 500 East  
Vernal, UT 84078  
Attn: Ed Forsman

**COMPANY CONTACTS:**

**Pat Wisener** (District Drilling Foreman)

(435) 646 3721 office  
(435) 646 3031 office fax  
(435) 823 7468 cellular  
(435) 646 1270 pager

**Brad Mecham** (District Manager)

(435) 646 3721 office  
(435) 646 3031 office fax  
(435) 823 6205 cellular  
(435) 353 4211 home

**Donn Murphy** (Operations Manager)

(303) 893 0102 X440 office  
(303) 526 7748 home  
(435) 823 3737 cellular

*West Point U*

~~Nine Mile~~ #12-6-9-16



RESOURCES INC.

September 5, 2000

Bureau of Land Management  
Vernal District Office, Division of Minerals  
170 South 500 East  
Vernal, Utah 84078

Attn: Mr. Edwin I. Forsman

Re: Geologic Prognosis

Dear Mr. Forsman:

Enclosed please find the prognosis for the following wells:

- Jonah Federal #1-11-9-16
- Jonah Federal #2-11-9-16
- Jonah Federal #3-11-9-16
- Jonah Unit #4-12-9-16
- Wells Draw #5-5-9-16
- West Point #12-5-9-16
- West Point #13-5-9-16
- ~~Nine Mile #12-6-9-16~~ West Point U 12-6-9-16
- West Point #9-31-8-16
- Odekirk Spring #1-A-35-8-17
- Odekirk Spring #9-36-8-17
- Odekirk Spring #16-36-8-17

If you should have any questions, please contact me at (303) 893-0102.

Sincerely,

Madalyn M. Runge  
Operations Secretary

Enclosures

cc: State of Utah, Division of Oil, Gas and Mining  
Attn: Mr. Robert Krueger  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Well File - Denver  
Well File - Roosevelt

**RECEIVED**

SEP 07 2000

DIVISION OF  
OIL, GAS AND MINING

**INLAND PRODUCTION COMPANY**  
**GEOLOGIC PROGNOSIS AND LOG DISTRIBUTION LIST**

(Updated 8/21/00)

**WELL:** ~~Nine Mile #12-6-9-16~~ *West Point* **API Number:** 43-013-31765  
*U 12-6-9-16*

**LOCATION:** 1994' FSL, 532' FWL (NWSW)  
Section 6, T9S, R16E  
Duchesne County, Utah

**ELEVATION:** 5895' Ground  
5905' KB

**TOPS:**

Uinta Formation	surface
Green River Formation	
Garden Gulch Member	3810'
Point Three Marker	4399'
'X' Marker	4667'
'Y' Marker	4703'
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D-1	4871'
B-0.5	5084'
A-0.5	5240'
LODC	5350'
CP-2	5826'

**TOTAL DEPTH:** 5975'

**CORES:** None planned  
**DSTS:** None planned

**SAMPLES:** 30' samples from 3000' to TD

**DRILLING:**

Union Rig#14: (435) 828 6434  
Pusher: (435) 828 6433 Rex Harris  
Superintendent: David Gray (435) 828 8031 (cellular)

**REPORT WATER FLOWS TO UTAH DIVISION OF OIL, GAS AND MINING:** (801) 538 5340

**OPEN HOLE LOGGING:**

Phoenix Surveys: David Jull (435) 637 4420  
DIGL/SP/GR Suite: TD to surface casing  
CDL/CNL/GR/CAL Suite logs: TD to 3000'  
Gamma Ray scale 0-150  
Matrix density 2.68  
LAS data floppy required.

RECEIVED

08/27/00

DIVISION OF  
OIL, GAS AND MINING

**DATA DISTRIBUTION:**

Inland Production Company (Mail 6 copies)  
Route #3 Box 3630  
Myton, UT 84052  
Attn: Brad Mecham

Inland Production Company (Mail 6 copies,  
EXPRESS)  
410 17th St., Suite 700  
Denver, CO 80202  
Fax: 303-382-4455  
Attn: Madalyn M. Runge

State of Utah  
Division of Oil, Gas and Mining (Mail 1 copy)  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Bureau of Land Management (Mail 1 copy)  
170 S. 500 East  
Vernal, UT 84078  
Attn: Ed Forsman

**COMPANY CONTACTS:**

**Pat Wisener** (District Drilling Foreman)  
(435) 646 3721 office  
(435) 646 3031 office fax  
(435) 823 7468 cellular  
(435) 646 1270 pager

**Brad Mecham** (District Manager)  
(435) 646 3721 office  
(435) 646 3031 office fax  
(435) 823 6205 cellular  
(435) 353 4211 home

**Kevin Weller** (Operations Manager)  
(303) 382-4436 office  
(303) 279-7945 home  
(303) 358-3080 cellular

**PARTNERS:**

Yates Drilling Company  
Abo Petroleum Corporation  
Myco Industries, Inc.  
Attn: Mark Mauritsen  
105 South Fourth Street  
Artesia, NM 88210  
505-748-1471  
505-748-4570 – office fax  
Mail 1 field print & 2 copies of final print  
(Fax 1 Field Print to: (505) 748-4321

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: WEST POINT U 12-6-9-16

Api No. 43-013-31765 LEASE TYPE: FEDERAL

Section 06 Township 09S Range 16E County DUCHESNE

Drilling Contractor LEON ROSS DRILLING RIG # 14

SPUDDED:

Date 10/26/2000

Time 10:00 AM

How DRY

Drilling will commence \_\_\_\_\_

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 10/26/2000 Signed: CHD

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**

8. Well Name and No.  
**#12-6-9-16**

9. API Well No.  
**43-013-31765**

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

11. County or Parish, State  
**Duchesne County, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

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

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**532' FWL & 1994' FSL    NW/SW  
Sec.6, T9S, R16E**

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

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

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

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

**MIRU Ross Drilling #14.**

Spud well at 10:00 am on 10/26/00. Drill 307' of 12 1/4" hole with air mist. Drill Rat & Mouse hole. TIH w/ 7 jt's 8 5/8" 24# J-55 csgn. Set 291.97 @ GL Cemented with 155 sks class "G" w/ 2% CaCL2 & 1/4#/sk Cello-flake mixed @ 15.8ppg.>1.17 YLD. Estimated 7 bbls cement to surface. Wait on drilling rig.

**RECEIVED**

NOV 01 2000

DIVISION OF  
OIL, GAS AND MINING

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

Signed *R. Wisener* Title Drilling Foreman Date 10/30/2000

(This space for Federal or State office use)

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

Conditions of approval, if any:

**CC: UTAH DOGM**

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 301.97

Sjt=255.15

LAST CASING 8 5/8" SET AT 301.97

OPERATOR Inland Production Company

DATUM 10' KB

WELL West Point 12-6-9-17

DATUM TO CUT OFF CASING \_\_\_\_\_

FIELD/PROSPECT Monument Butte

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

CONTRACTOR & RIG # Union # 14

TD DRILLER 307' LOGGER \_\_\_\_\_

HOLE SIZE 12 1/4

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					3.7
		-38.41					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	290.12
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		295.67
TOTAL LENGTH OF STRING			295.67	7	LESS CUT OFF PIECE		3.7
LESS NON CSG. ITEMS			5.55		PLUS DATUM TO T/CUT OFF CSG		10
PLUS FULL JTS. LEFT OUT			0		CASING SET DEPTH		<b>301.97</b>
TOTAL			290.12	7	} COMPARE		
TOTAL CSG. DEL. (W/O THRDS)			290.12	7			
TIMING			1ST STAGE				
BEGIN RUN CSG.			RAT Hole	10/26/2000	GOOD CIRC THRU JOB <u>YES</u>		
CSG. IN HOLE					Bbls CMT CIRC TO SURFACE <u>7 BBLs</u>		
BEGIN CIRC					RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE		
BEGIN PUMP CMT					DID BACK PRES. VALVE HOLD ? <u>N/A</u>		
BEGIN DSPL. CMT					BUMPED PLUG TO _____ 500 _____ PSI		
PLUG DOWN			cemented	10/31/2000			
CEMENT USED		CEMENT COMPANY- <b>BJ</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	155	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
<b>RECEIVED</b>							
CENTRALIZER & SCRATCHER PLACEMENT				SHOW MAKE & SPACING			
Centralizers - Middle first, top second & third for 3				NOV 11 2000			
DIVISION OF							
OIL, GAS AND MINING							

COMPANY REPRESENTATIVE Pat Wisener

DATE 10/31/2000

P. 03

FAX NO. 433 646 3031

LAND PRODUCTION CO

OCT-31-00 TUE 01:54 PM

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

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

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12418	43-013-31933	West Point #12-5-9-16	NW/SW	5	9S	16E	Duchesne	October 23, 2000	10/23/2000

WELL 1 COMMENTS

10-31-00

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12418	43-013-31765	West Point #12-6-9-16	NW/SW	6	9S	16E	Duchesne	October 26, 2000	10/26/2000

WELL 2 COMMENTS

10-31-00

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12940	43-013-32124	South Wells Draw #5-2	SW/NW	2	9S	16E	Duchesne	October 30, 2000	10/30/2000

WELL 3 COMMENTS

10-31-00

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

WELL 4 COMMENTS

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

WELL 5 COMMENTS

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well
- B - Add new well to existing entity group or well
- C - Reassign well from one existing entity to another existing entity
- D - Reassign well from one existing entity to new entity
- E - Other (specify in comments)

*Abbott S Jones*  
 Production Clerk  
 Date

Abbott S Jones

October 31, 2000

Date

NOTE: Use COMMENTS section to specify action code - see instructions

**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 Unit

8. Well Name and No.  
# Nine Mile 12-6

9. API Well No.  
# 43-013-31765

10. Field and Pool, or Exploratory Area  
# Monument Butte

11. County or Parish, State  
# Duchesne, Utah.

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**INLAND 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)  
**532' FWL & 1994' FSL    NW/SW Sec.6, T9S, R16E**

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

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

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

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

MIRU Union # 14 on 12/16/00. Set equipment. Nipple up BOP's and test to 2,000 psi BOP's, Kelly, TIW, and choke manifold. Test 85/8" csgn to 1,500 psi. State office of DOGM & Vernal office of BLM were notified by phone. PU & MU Bit#1, & BHA. TIH and tag cement @ 210' drill 77/8" hole with air to a depth of 3821'. TOH with drill string & BHA. PU & MU bit#2, MM & BHA. drill 77/8" hole with water based mud to a depth of 5995'. Lay down drill string & BHA. Open hole log. PU & MU 1jt 51/2" csgn. & float collar, 138 Jt's 51/2" J-55 15.5# csgn, Set @ 5998'/kb. Cement with \*275 sks PremLite II w/ .5%SMS, +10%Gel, +3#/skBA-90, +2#/sk K-seal, +1/4#/sk Cello-flake, +3% KCl, Mixed @ 11.0ppg > 3.43YLD. \*550sks 50/50 Poz w/3%KCL, +2%Gel, +1/4#/sk Cello-flake, +.3% Sod. Meta, Mixed @ 14.4ppg > 1.23YLD. With 113 bbls of 142 bbls displacement pumped, it lost circulation. Slowed rate to 1.3 bpm. Still no returns. Dyed water indicated 9 bbls of cement to surface was expected. Drop slips with 80,000 # string weight. Nipple down BOP's. Clean pits and release rig @ 3:00pm 12/22/00.

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

Signed

*Pat Wisener*  
Pat Wisener

Title

Drilling Foreman

Date

12/23/2000

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**RECEIVED**

DEC 27 2000

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5998.59

FC@5982'

LAST CASING 8 5/8" SET AT 301.97

OPERATOR Inland Production Company

DATUM 10' KB

WELL Nine Mile 12-6-9-16

DATUM TO CUT OFF CASING \_\_\_\_\_

FIELD/PROSPECT Monument Butte

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

CONTRACTOR & RIG # Union # 14

TD DRILLER 5994' LOGGER 6013'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					0
<b>138</b>	<b>5 1/2"</b>	Maverick LT&C csg (37.72 FLAG)	<b>15.5</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	5981.94
		Float Collar ( auto fill )			<b>8rd</b>	<b>A</b>	0.6
<b>1</b>	<b>5 1/2"</b>	Maverick LT&C csg	<b>15.5</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	14.4
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		5997.59
TOTAL LENGTH OF STRING			5997.59	139	LESS CUT OFF PIECE		9
LESS NON CSG. ITEMS			15.25		PLUS DATUM TO T/CUT OFF CSG		10
PLUS FULL JTS. LEFT OUT			0	0	CASING SET DEPTH		<b>5998.59</b>
TOTAL			5996.34	139	} COMPARE		
TOTAL CSG. DEL. (W/O THRDS)			5996.34	139			
TIMING			1ST STAGE	2nd STAGE	GOOD CIRC THRU JO <u>NO</u> lost circulation @ 113 of 142bbls. Bbls CMT CIRC TO SURFACE _____ RECIPROCATED PIPE FOR <u>10</u> Mins. THRU <u>6'</u> FT STROKE DID BACK PRES. VALVE HOLD ? <u>YES</u> BUMPED PLUG TO _____ 2360 _____ PSI		
BEGIN RUN CSG.			4:00AM				
CSG. IN HOLE			7:30am				
BEGIN CIRC			8:00am	8:49 AM			
BEGIN PUMP CMT			8:56am	9:09am			
BEGIN DSPL. CMT			9:44am				
PLUG DOWN				<b>10:15am</b>			
CEMENT USED		CEMENT COMPANY- <b>BJ</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
<b>1</b>	<b>275</b>	Prem-lite II W/ .5% SMS, 10% gel, 3#/sk BA90, 3#/sk kolseal, 3% KCL, 1/4# C.F., .05#/sk staticfree mixed					
		\ 11.0 ppg W/ 3.43 cf/sk yield.					
<b>2</b>	<b>550</b>	50/50 poz W/ 3% KCL, 1/4#/sk C.F., 2% gel, .3% SMS, .05#/sk staticfree mixed @ 14.4 ppg (1.24 yld).					
CENTRALIZER		<div style="font-size: 2em; font-weight: bold; border: 1px solid black; padding: 5px; display: inline-block;">RECEIVED</div> DEC 27 2000 DIVISION OF OIL, GAS AND MINING					

COMPANY REPRESENTATIVE Pat Wisener

DATE 12/22/2000

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 Unit

8. Well Name and No.  
**West Point 12-6-9-16**

9. API Well No.  
**43-013-31765**

10. Field and Pool, or Exploratory Area  
**Monument Butte**

11. County or Parish, State  
Duchesne County Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**Route #3 Box 3630 Myton, Utah 84052 435-646-3721**

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

532' FWL & 1994' FSL NW/SW Section 6, T9S, R16E

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **Status report**  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 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.)\*

Status report for time period 1/29/01 through 2/4/01.  
Subject well had completion procedures initiated on 1/31/01. Three Green River intervals have been perforated and hydraulically fractured at present time. Two additional intervals await treatment.

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

Signed Gary Dietz Title **Completion Foreman** Date **5-Feb-01**

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:  
CC: Utah DOGM

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

\*See Instruction on Reverse Side

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 Unit

8. Well Name and No.  
**West Point 12-6-9-16**

9. API Well No.  
**43-013-31765**

10. Field and Pool, or Exploratory Area  
**Monument Butte**

11. County or Parish, State  
Duchesne County Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**Route #3 Box 3630 Myton, Utah 84052 435-646-3721**

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

532' FWL & 1994' FSL NW/SW Section 6, T9S, R16E

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

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

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

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

Status report for time period 2/5/01 through 2/11/01.  
Subject well had completion procedures initiated on 1/31/01. A total of five Green River intervals were perforated and hydraulically fractured. Bridge plugs and sand plugs were removed from wellbore. Zones were swab tested to clean up sand. Production equipment was ran in well. Well began producing on pump on 2/10/01.

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

Signed

Gary Dietz

Title

**Completion Foreman**

Date

**12-Feb-01**

(This space for Federal or State office use)

Approved by

Title

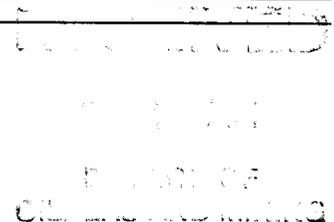
Date

Conditions of approval, if any:

CC: Utah DOGM

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

\*See Instruction on Reverse Side



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

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

<p><b>1a. TYPE OF WORK</b></p> <p>OIL WELL <input checked="" type="checkbox"/>    GAS WELL <input type="checkbox"/>    DRY <input type="checkbox"/>    Other _____</p> <p><b>1b. TYPE OF WELL</b></p> <p>NEW WELL <input checked="" type="checkbox"/>    WORK OVER <input type="checkbox"/>    DEEPEN <input type="checkbox"/>    PLUG BACK <input type="checkbox"/>    DIFF RESVR. <input type="checkbox"/>    Other _____</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-74390</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>NA</b></p> <p>7. UNIT AGREEMENT NAME <b>WEST POINT UNIT</b></p> <p>8. FARM OR LEASE NAME, WELL NO. <b>WEST POINT 12-6-9-16</b></p>
---	---

2. NAME OF OPERATOR <b>INLAND RESOURCES INC.</b>	9. API WELL NO. <b>43-013-31765</b>
---	--

3. ADDRESS AND TELEPHONE NO. <b>410 17th St. Suite 700 Denver, CO 80202</b>	10. FIELD AND POOL OR WILDCAT <b>MONUMENT BUTTE</b>
--	--

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface <b>532' FWL &amp; 1994 FSL (NW/SW) Section 6, T9S, R16E</b>	11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>NW.SW SEC.21, T9S, R16E</b>
---	---

At total depth	14. PERMIT NO. <b>43-013-31765</b>	DATE ISSUED <b>03/20/00</b>	12. COUNTY OR PARISH <b>DUCHESNE</b>	13. STATE <b>UT</b>
----------------	---------------------------------------	--------------------------------	---	------------------------

15. DATE SPUNDED <b>10/26/00</b>	16. DATE T.D. REACHED <b>12/20/00</b>	17. DATE COMPL. (Ready to prod.) <b>2/10/01</b>	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>5895' GR    5905' KB</b>	19. ELEV. CASINGHEAD <b>5896'</b>
-------------------------------------	--	--	--	--------------------------------------

20. TOTAL DEPTH, MD & TVD <b>5998' KB</b>	21. PLUG BACK T.D., MD & TVD <b>5978' KB</b>	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY <b>-----&gt;</b>	ROTARY TOOLS	CABLE TOOLS
--	---	-----------------------------------	--	--------------	-------------

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* <b>Green River</b>	25. WAS DIRECTIONAL SURVEY MADE <b>NO</b>
--	--

26. TYPE ELECTRIC AND OTHER LOGS RUN <i>12-28-00</i> <b>DIGLSP/GR TD to surface casing CDLCLN/GRICAL TD to 3000'</b>	27. WAS WELL CORED <b>NO</b>
---	---------------------------------

23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	301.97	12-1/4	155 Class "G" CaCL2/w/1.17 cf/sk yld	
5-1/2	15.5#	5998.59	7-7/8	275sk Premlite II w/ 3.43 cf/sk yld	
				550 sk 50/50 Poz w/1.24 yld	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	EOT @	TA @
						5894.79	5825.56

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
(CP.5 SDS) 5756-62'	0.38	24	5756-5762'	W/140,500# 20/40 SD IN 94 BBLS FLUID	
(LDC1 SD) 5662-76, 5653-58	0.38	76	5662-76,5653-5658'		
(CP4 SDS) 5938-50,5972-76'	0.38	64	5938-50,5972-5976'	W/ 73,750# 20/40 SD IN 590 BBLS FLUID	
(LDC2 SDS) 5472-5510, 5526-30	0.38	168	5472-5510,5526-5530		
(A3 SDS) 5407-12,5355-58'	0.38	32	5407-12', 5355-5358'	W/ 65,500# 20/40 SD IN 267 BBLS FLUID	
(A1 SDS) 5233-40'	0.38	28	5233-5240'		
(C SDS) 4990-95'	0.38	36	4990-4995'	W/ 137,000# 20/40 SD IN 566 BBLS FLUID	
(B SDS) 5125.5142'	038	68	5125-5142'		

33.* PRODUCTION							
DATE FIRST PRODUCTION <b>02/10/01</b>		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <b>2-1/2" x 1-1/2" x 14.5' RHAC Pump</b>				WELL STATUS (Producing or shut-in) <b>PRODUCING</b>	
DATE OF TEST <b>10 day ave</b>	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL. <b>103.4</b>	GAS--MCF. <b>43.7</b>	WATER--BBL. <b>69.1</b>	GAS-OIL RATIO <b>423</b>
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>Sold &amp; Used for Fuel</b>	APPROVED BY <b>APR 0 1 2001</b>
---	------------------------------------

35. LIST OF ATTACHMENTS <b>Logs In Item #26</b>	<b>DIVISION OF OIL, GAS AND MINING</b>
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.	
SIGNED	TITLE <b>Manager, Development Operations</b> DATE <b>3/29/01</b>

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH	
			WEST POINT 12-6-9-16	Garden Gulch Mkr Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)	3810 4142 4339 4666 4702 4813 5045 5156 5922 6015	



April 3, 2001

State of Utah, Division of Oil, Gas and Mining  
Attn: Ms. Carol Daneils  
P.O. Box 145801  
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daneils

Re: West Point 12-6-9-16  
NW/SW Sec.12, T9S, R16E  
Duchesne, Country UT

Dear Ms. Carol Daneils

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Dave Jull of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 893-0102 ext. 1441

Sincerely,

Cyndee Miller  
Operations Secretary

Enclosures

cc: Bureau of Land Management  
Vernal District Office, Division of Minerals  
Attn: Edwin I. Forsman  
170 South 500 East  
Vernal, Utah 84078

Well File – Denver  
Well File – Roosevelt  
Patsy Barreau/Denver  
Bob Jewett/Denver

**RECEIVED**

APR 05 2001

DIVISION OF  
OIL, GAS AND MINING

**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. <b>UTU-74390</b>
6. If Indian, Allottee or Tribe Name <b>NA</b>
7. If Unit or CA, Agreement Designation <b>WEST POINT (GR RVR)</b>
8. Well Name and No. <b>WEST POINT 13-8-9-16</b>
9. API Well No. <b>43-013-32287</b>
10. Field and Pool, or Exploratory Area <b>MONUMENT BUTTE</b>
11. County or Parish, State <b>DUCHESNE COUNTY, UT</b>

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**INLAND 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)  
**559 FSL 779 FWL SW/SW Section 8, T9S R16E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____
	<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 checked="" 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.)\*

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 Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland'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**

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

Signed Mandie Crozier Title Regulatory Specialist Date 11/13/2003  
 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

**RECEIVED  
NOV 17 2003  
DIV. OF OIL, GAS & MINING**



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

“ARTICLE ONE – The name of the corporation is Newfield Production Company.”

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

<b>UTSL-</b>	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
<b>UTU-</b>	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

DEC 30 2004

**COPY**

FORM 3160-5  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
DIV. OF OIL, GAS & MINING

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

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

**SUBMIT IN TRIPPLICATE - 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)  
 0532 FWL 1994 FSL  
 NW/SW Section 6 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 12-6-9-16

9. API Well No.  
 4301331765

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 recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Subject well had recompleat procedures initiated in the Green River formation on 12/13/04. Existing production equipment was pulled from well. A bit and scraper were run in well. Four new Green River interval was perforated and hydraulically fracture treated as follows: Stage #1: B2 sands @ 5125-5142'(4 JSPF) fraced w/49,670# 20/40 sand in 406 bbls Lightning 17 fluid. Stage #2: PB 10 sands @ 4572-4584' (4 JSPF) fraced w/44,350# 20/40 sand in 394.5 bbls Lightning 17 fluid. Stage #3: GB6 sands @ 4343-4350' (4 JSPF) fraced w/23,969# 20/40 sands in 261 bbls Lightning 17 fluid. Stage #4: GB4 sands @ 4286-4296' (4 JSPF) fraced w/47,954# 20/40 sands in 402 bbls Lightning 17 fluid. Fracs were flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & production tbg were run and anchored in well w/tubing anchor @ 5779', pump seating nipple @ 5815', and end of tubing string @ 5849'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 12-22-04.

RECEIVED

I hereby certify that the foregoing is true and correct Name (Printed/Typed) Renee Palmer	Title Production Clerk
Signature 	Date 12/23/2004

**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)

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:	<b>9/1/2004</b>
<b>FROM:</b> (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO:</b> ( New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721

**CA No. Unit: WEST POINT (GREEN RIVER)**

<b>WELL(S)</b>								
NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 34-31-8-16	31	080S	160E	4301331715	12418	Federal	WI	A
WEST POINT U 13-5-9-16	05	090S	160E	4301331766	12418	Federal	OW	P
MON FED 32-6-9-16Y	06	090S	160E	4301331300	12418	Federal	WI	A
MON FED 33-6-9-16Y	06	090S	160E	4301331589	12418	Federal	OW	S
MON FED 43-6-9-16Y	06	090S	160E	4301331644	12418	Federal	WI	A
MON FED 42-6-9-16Y	06	090S	160E	4301331645	12418	Federal	OW	P
MON FED 31-6-9-16Y	06	090S	160E	4301331717	12418	Federal	OW	P
MON FED 41-6-9-16Y	06	090S	160E	4301331718	12418	Federal	WI	A
NINE MILE 6-6	06	090S	160E	4301331719	12418	Federal	OW	P
MON FED 44-6-9-16Y	06	090S	160E	4301331720	12418	Federal	OW	P
WEST POINT U 12-6-9-16	06	090S	160E	4301331765	12418	Federal	OW	P
NINE MILE 11-6	06	090S	160E	4301331812	12418	Federal	WI	A
MON FED 23-7-9-16Y	07	090S	160E	4301331694	12418	Federal	WI	A
NINE MILE 10-7	07	090S	160E	4301331773	12418	Federal	OW	P
NINE MILE 6-7	07	090S	160E	4301331776	12418	Federal	OW	P
NINE MILE 5-7	07	090S	160E	4301331777	12418	Federal	WI	A
NINE MILE 7-7	07	090S	160E	4301331778	12418	Federal	WI	A
NINE MILE 15-7	07	090S	160E	4301331803	12418	Federal	WI	A
NINE MILE 16-7-9-16	07	090S	160E	4301331804	12418	Federal	OW	P
MON FED 41-18-9-16Y	18	090S	160E	4301331646	12418	Federal	WI	A
MON FED 42-18-9-16Y	18	090S	160E	4301331724	12418	Federal	OW	S
MON BUTTE FED 31-18-9-16Y	18	090S	160E	4301331725	12418	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

- 1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
- 3. Bond information entered in RBDMS on: 2/28/2005
- 4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
- 5. Injection Projects to new operator in RBDMS on: 2/28/2005
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
- 2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74390
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> WEST POINT U 12-6-9-16
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013317650000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1994 FSL 0532 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 06 Township: 09.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/26/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

The above reference well was put on injection at 8:30 AM on  
06/26/2014.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**  
July 01, 2014

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/30/2014	



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

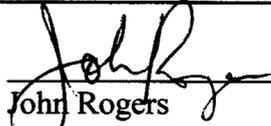
Cause No. UIC-410

**Operator:** Newfield Production Company  
**Well:** West Point U 12-6-9-16  
**Location:** Section 6, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-31765  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 16, 2013.
2. Maximum Allowable Injection Pressure: 1,617 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,140' – 5,978')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

6/24/14  
Date

JR/MLR/js

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

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



**GARY R. HERBERT**  
Governor

**GREGORY S. BELL**  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

**MICHAEL R. STYLER**  
Executive Director

### Division of Oil, Gas and Mining

**JOHN R. BAZA**  
Division Director

July 16, 2013

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

**Subject:** Greater Monument Butte Unit Well: West Point U 12-6-9-16, Section 6, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-31765

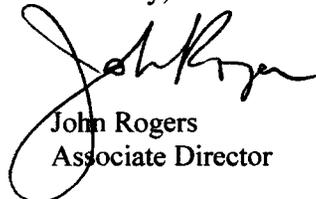
Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,140 feet in the West Point U 12-6-9-16 well.

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

Sincerely,



John Rogers  
Associate Director

JR/BGH/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





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

**Applicant:** Newfield Production Company      **Well:** West Point U 12-6-9-16

**Location:** 6/9S/16E      **API:** 43-013-31765

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 302 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,998 feet. A cement bond log demonstrates adequate bond in this well up to about 660 feet. A 2 7/8 inch tubing with a packer will be set at 4,236 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (4/24/2014), on the basis of surface locations, there are 10 producing wells, 9 injection wells, 2 shut-in wells, and 1P/A well in the AOR. Three of the producing wells are directionally drilled with a surface locations inside the AOR and bottom hole locations outside the AOR. In addition, there are 4 producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 1000 feet. Injection shall be limited to the interval between 4,140 feet and 5,978 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 12-6-9-16 well is 0.75 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,617 psig. The requested maximum pressure is 1,617 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**West Point 12-6-9-16**

**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

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

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

**Reviewer(s):** Mark Reinbold **Date:** 6/25/2013 (revised 4/24/2014)

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

The Salt Lake Tribune

MEDIA One  
 OF UTAH  
 A NEWSPAPER AGENCY COMPANY  
 800-451-1000

Deseret News  
 www.deseretnews.com

PROOF OF PUBLICATION

CUSTOMER'S COPY

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

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

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 4, 15, 18, 19, 20, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, A 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 adjudicatory proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:  
 Ashley Federal 10-15-9-15 well located in NW/4 SE/4 Section 15, Township 9 South, Range 15 East  
 API 43-013-32471  
 West Point U 12-6-9-16 well located in NW/4 SW/4, Section 4, Township 9 South, Range 16 East  
 API 43-013-31765  
 Lesh Federal 14-15-9-18 well located in SE/4 SE/4, Section 15, Township 9 South, Range 16 East  
 API 43-013-32754  
 Federal 12-18-9-16 well located in NW/4 SW/4, Section 18, Township 9 South, Range 16 East  
 API 43-013-32998  
 Federal 14-18-9-16 well located in SE/4 SW/4, Section 1 Township 9 South, Range 16 East  
 API 43-013-33000  
 Federal 13-19-9-16 well located in SW/4 SW/4, Section 19, Township 9 South, Range 16 East  
 API 43-013-33103  
 Monument Federal 22-20-9-16 well located in SE/4 NW/4 Section 20, Township 9 South, Range 16 East  
 API 43-013-31481  
 Federal 3-30-9-16 well located in NE/4 NW/4, Section 3 Township 9 South, Range 16 East  
 API 43-013-33454

The proceeding will be conducted in accordance with Utah Admin. Rule 2649-10, Administrative Procedures.

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

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-6340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the referenced administrative procedure rules. Protests and/or interventions should be prepared, demonstrate at the hearing how the matter affects their interests.

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

806505 UPADL

AFFIDAVIT OF PUBLICATION

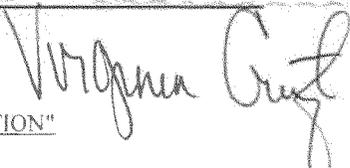
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-410 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MINING**,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

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

SIGNATURE 

6/14/2013

 VIRGINIA CRAFT  
 Notary Public, State of Utah  
 Commission #381469  
 My Commission Expires January 12, 2014



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

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 18 day of June, 20 13, and that the last publication of such notice was in the issue of such newspaper dated the 18 day of June, 20 13, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Kevin Ashby  
Publisher

Subscribed and sworn to before me on this

19 day of June, 20 13

by Kevin Ashby.

Bonnie Parrish  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-410

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

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

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

Greater Monument Butte Unit:

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

API 43-013-32471

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

API 43-013-31765

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

API 43-013-32754

Federal 12-18-9-

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Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-9801, phone number (801) 538-5340. If such a protest or notice of intervention is received a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of June, 2013.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING

/s/

Brad Hill  
Permitting Manager  
Published in the  
Uintah Basin Standard  
June 18, 2013.

Kee Tarnish  
Notary Public

Notary Public  
**BONNIE FARRISH**  
Commission #553437  
My Commission Expires  
February 23, 2018  
State of Utah

injection wells:  
Greater Monument  
Butte Unit:

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API 43-013-32471

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

API 43-013-31765

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API 43-013-32754

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API 43-013-32998

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API 43-013-33000

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API 43-013-33103

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API 43-013-31681

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

API 43-013-33454

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

Permitting Manager  
Published in the  
Utah Basin Standard  
June 18, 2013.

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

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API 43-013-33454

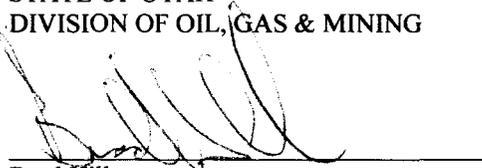
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Dated this 11<sup>th</sup> day of June, 2013.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

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

**Cause No. UIC-410**

Publication Notices were sent to the following:

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

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [legals@ubstandard.com](mailto:legals@ubstandard.com)

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

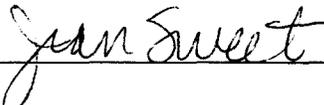
Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

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

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

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

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 11, 2013

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

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

To Whom It May Concern:

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



6/12/13

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



Jean Sweet <jsweet@utah.gov>

---

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

---

**Cindy Kleinfelter** <classifieds@ubstandard.com>  
To: Jean Sweet <jsweet@utah.gov>

Wed, Jun 12, 2013 at 10:20 AM

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

To Whom It May Concern:

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

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

–

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

This will run June 18.  
Thank you,  
Cindy



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 11, 2013

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

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

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

To Whom It May Concern:

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

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

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



6/12/13

State of Utah Mail - Proof for Notice



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## Proof for Notice

---

**Stowe, Ken** <naclegal@mediaoneutah.com>  
Reply-To: "Stowe, Ken" <naclegal@mediaoneutah.com>  
To: jsweet@utah.gov

Tue, Jun 11, 2013 at 3:21 PM

AD# 886505  
Run SL Trib & Des News 6/14  
Cost \$267.08  
Thank You

---

 **OrderConf.pdf**  
125K

**Order Confirmation for Ad #0000886505-01**

<b>Client</b>	DIV OF OIL-GAS & MINING	<b>Payor Customer</b>	DIV OF OIL-GAS & MINING
<b>Client Phone</b>	801-538-5340	<b>Payor Phone</b>	801-538-5340
<b>Account#</b>	9001402352	<b>Payor Account</b>	9001402352
<b>Address</b>	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	<b>Payor Address</b>	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114

<b>Fax</b>	801-359-3940	<b>Ordered By</b>	<b>Acct. Exec</b>
<b>Email</b>	juliecarter@utah.gov	Jean	kstowe

<b>Total Amount</b>	<b>\$267.08</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$267.08</b>	0	0	1

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

**Confirmation Notes:**

**Text:** Jean

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

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

**Ad Content Proof Actual Size**

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

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

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API 43-013-31765  
Janah Federal 16-15-9-16 well located in SE/4 SE/4, Section 15, Township 9 South, Range 16 East  
API 43-013-32754  
Federal 12-18-9-16 well located in NW/4 SW/4, Section 18, Township 9 South, Range 16 East  
API 43-013-32998  
Federal 14-18-9-16 well located in SE/4 SW/4, Section 18, Township 9 South, Range 16 East  
API 43-013-33000  
Federal 13-19-9-16 well located in SW/4 SW/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33103  
Monument Federal 22-20-9-16 well located in SE/4 NW/4, Section 20, Township 9 South, Range 16 East  
API 43-013-31681  
Federal 3-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East  
API 43-013-33454

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

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

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

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

886505

UPAXLP

**NEWFIELD**



**Newfield Exploration Company**

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

June 4, 2013

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

RE: Permit Application for Water Injection Well  
West Point #12-6-9-16  
Monument Butte Field, Lease #UTU-74390  
Section 6-Township 9S-Range 16E  
Duchesne County, Utah

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

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the West Point #12-6-9-16 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".

Eric Sundberg  
Environmental Manager

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**WEST POINT #12-6-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-74390**  
**JUNE 4, 2013**

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: West Point #12-6-9-16  
Field or Unit name: Monument Butte (Green River) Lease No. UTU-74390  
Well Location: QQ NWSW section 6 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? ..... Yes  No   
Will the proposed well be used for: Enhanced Recovery? ..... Yes  No   
Disposal? ..... Yes  No   
Storage? ..... Yes  No   
Is this application for a new well to be drilled? ..... Yes  No   
If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes  No   
Date of test: \_\_\_\_\_  
API number: 43-013-31765

Proposed injection interval: from 4140 to 5978  
Proposed maximum injection: rate 500 bpd pressure 1617 psig  
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

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

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

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

Name: Eric Sundberg Signature   
Title Environmental Manager Date 6/14/13  
Phone No. (303) 893-0102

(State use only)  
Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:

# West Point #12-6-9-16

Spud Date: 10/26/2000  
 Put on Production: 2/10/2001  
 GL: 5895' KB: 5905'

Initial Production: 103.4 BOPD,  
 43.7 MCFD, 69.1 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301.97')  
 DEPTH LANDED: 301.97'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 155 sxs Class "G" cmt

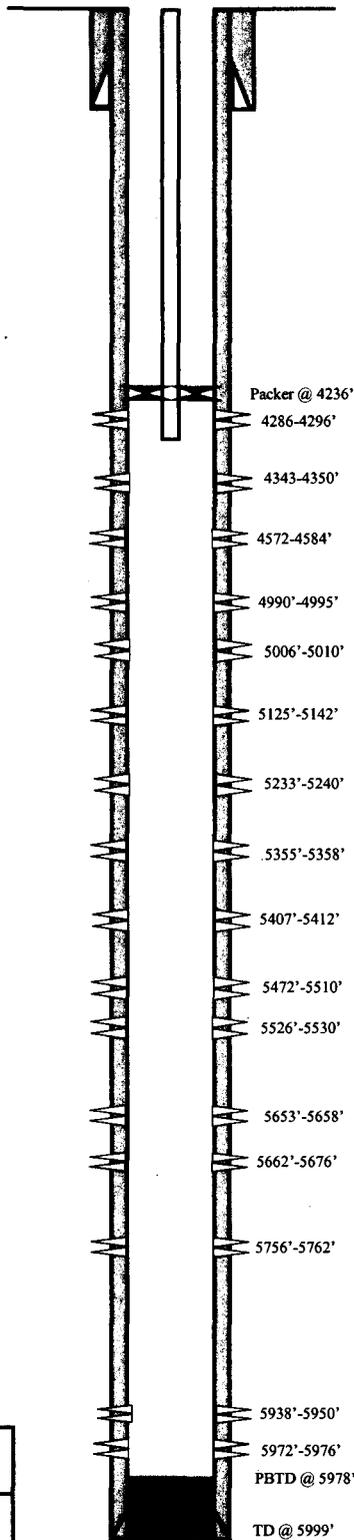
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5998.59')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5998'  
 CEMENT DATA: 275 sk Prem. Lite II mixed & 550 sxs 50/50 POZ.  
 CEMENT TOP AT: ? per CBL

## TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 176 jts (5704.10')  
 NO. OF JOINTS: 2 jts (65.15')  
 TUBING ANCHOR: 5779.25' KB  
 NO. OF JOINTS: 1 jt (32.60')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5814.65' KB  
 NO. OF JOINTS: 1 jt (32.48')  
 TOTAL STRING LENGTH: EOT @ 5848.68'

## Proposed Injection Wellbore Diagram



## FRAC JOB

2/01/01	5938'-5976'	<b>Frac CP-4 sands as follows:</b> Frac with 73,750# 20/40 sand in 590 bbls Viking I-25 fluid. Perfs broke down @ 4059 psi. Treat at 1950 psi @ 28 BPM. ISIP 2400 psi.
2/01/01	5756'-5658'	<b>Frac CP/LDC sands as follows:</b> Frac with 140,500# 20/40 sand in 941 bbls Viking I-25 fluid. Treated at avg. 2480 psi @ 30.4 BPM. ISIP 2350 psi, flow back on 12/64" choke @ 1 BPM for 5.5 hrs then died.
2/02/01	5472'-5530'	<b>Frac LDC-2 sands as follows:</b> Frac with 200,000# 20/40 sand in 1311 bbls Viking I-25 fluid. Perfs broke down @ 3983 psi. Treated @ 2340 psi at 30.6 BPM. ISIP 2351 psi. Flow back on 12/64" choke at 1 BPM, flowed for 8 hrs. then died.
2/06/01	5407'-5240'	<b>Frac A sands as follows:</b> Frac with 65,500# 20/40 sand in 267 bbls Viking I-25 fluid. ISIP 3250 psi.
2/06/01	4990'-5142'	<b>Frac C- B-2 sands as follows:</b> Frac with 137,000# 20/40 sand in 566 bbls Viking I-25 fluid. Flow back at 1 BPM for 2.5 hours.
11/16/01		Install gas anchor. Update rod and tubing details.
06/29/04		Parted Rods. Update Tubing and rod details.
12/16/04	5125'-5142'	<b>Frac re-existing B2 sands as follows:</b> 49,670# 20/40 sand in 406 bbls Lightning 17 fluid. Treated @ avg press of 3675 psi w/ avg rate of 14.3 BPM. ISIP 1650 psi. Calc flush: 1318 gal. Actual flush: 1264 gal.
12/17/04	4572-4584	<b>Frac PB10 sands as follows:</b> 44,350# 20/40 sand in 394.5 bbls Lightning 17 fluid. Treated @ avg press of 2208 psi w/avg rate of 24.2 BPM. ISIP 2520 psi. Calc flush: 4570 gal. Actual flush: 4359 gal.
12/17/04	4343-4350	<b>Frac GB6 sands as follows:</b> 23,969# 20/40 sand in 261 bbls Lightning 17 fluid. Treated @ avg press of 2331 psi w/avg rate of 24.6 BPM. ISIP 2160 psi. Calc flush: 4341 gal. Actual flush: 4120 gal.
12/17/04	4286-4296	<b>Frac GB4 sands as follows:</b> 47,954# 20/40 sand in 402 bbls Lightning 17 fluid. Treated @ avg press of 2405 psi w/ avg rate of 24.5 BPM. ISIP 2575 psi. Calc flush: 4284 gal. Actual flush: 4284 gal.

## PERFORATION RECORD

4990'-4995'	4 JSPF	36 holes
5006'-5010'	4 JSPF	124 holes
5125'-5142'	4 JSPF	36 holes
5233'-5240	4 JSPF	64 holes
5355'-5358'	4 JSPF	20 holes
5407'-5412'	4 JSPF	36 holes
5472'-5510'	4 JSPF	36 holes
5526'-5530'	4 JSPF	124 holes
5653'-5658'	4 JSPF	36 holes
5662'-5676'	4 JSPF	64 holes
5756'-5762'	4 JSPF	20 holes
5938'-5950'	4 JSPF	36 holes
5972'-5976'	4 JSPF	36 holes
12/16/04	4572-4584'	4 JSPF 48 holes
12/17/04	4343-4350'	4 JSPF 28 holes
12/17/04	4286-4296'	4 JSPF 40 holes

**NEWFIELD**

**West Point #12-6-9-16**

532' FWL & 1994' FSL

NW/SW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31765; 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 #12-6-9-16 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 #12-6-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4140' - 5978'). 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 3808' and the TD is at 5999'.
  
  - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the West Point #12-6-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-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 302' KB, and 5-1/2", 15.5# casing run from surface to 5998' 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 1617 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 #12-6-9-16, for existing perforations (4286' - 5976') calculates at 0.75 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1617 psig. We may add additional perforations between 3808' and 5999'. 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 #12-6-9-16, the proposed injection zone (4140' - 5978') is in the Garden Gulch to the 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.

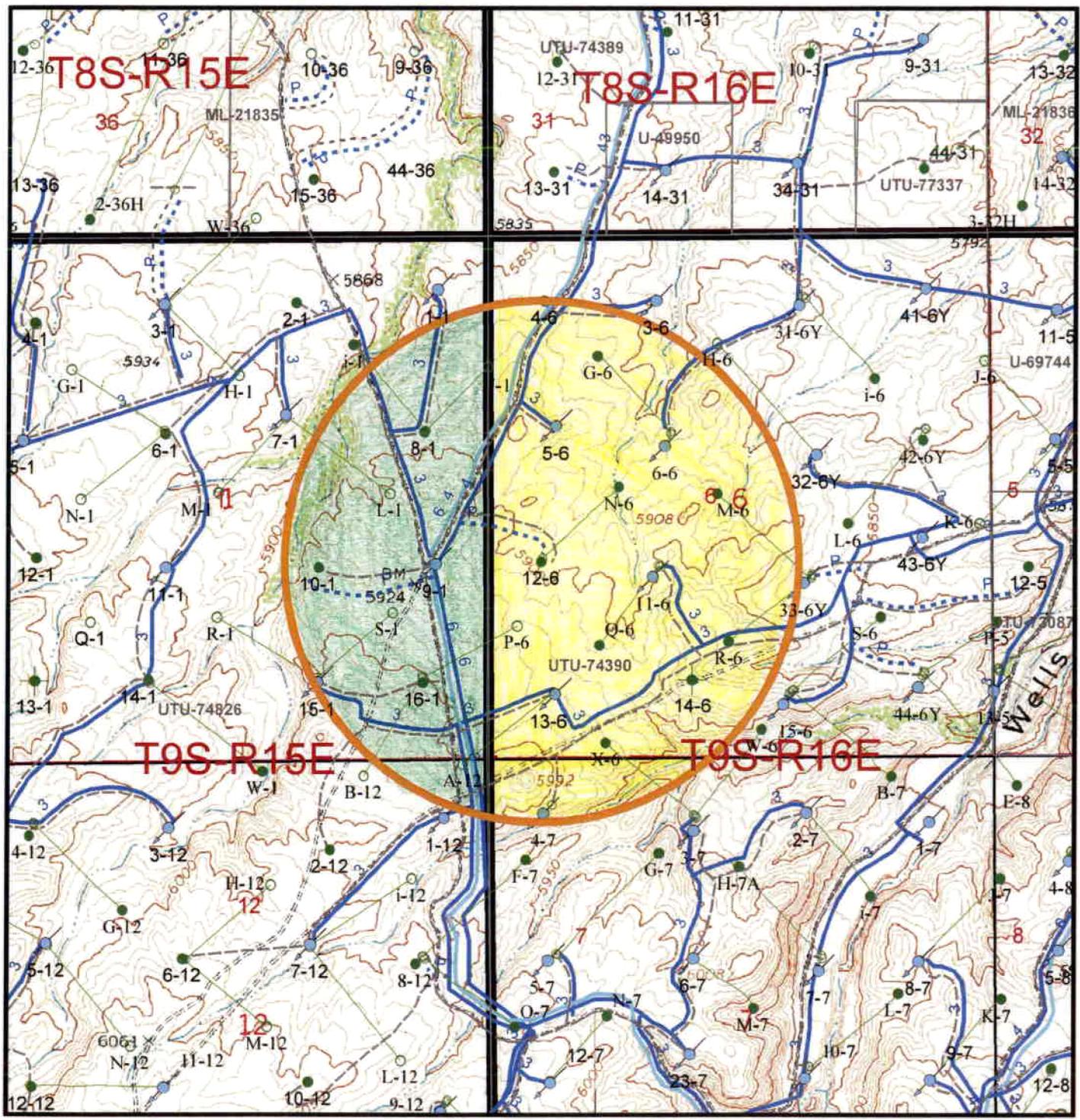
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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



**WellStatus\_HalfMile\_Buffer**

**Well Status**

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

**Injection system**

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

**Leases**

**Mining tracts**

UTU-74390

UTU-74826

West Point 12-6  
Section 6, T9S-R16E

**NEWFIELD**



**1/2 Mile Radius Map**  
Duchesne & Uintah Counties

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

December 18, 2012

# ATTACHMENT A-1

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

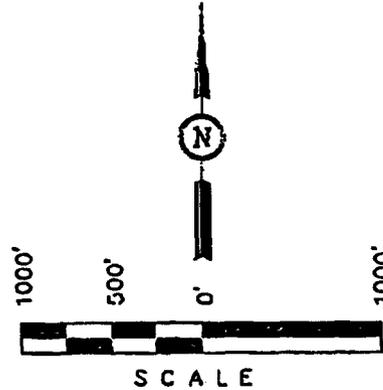
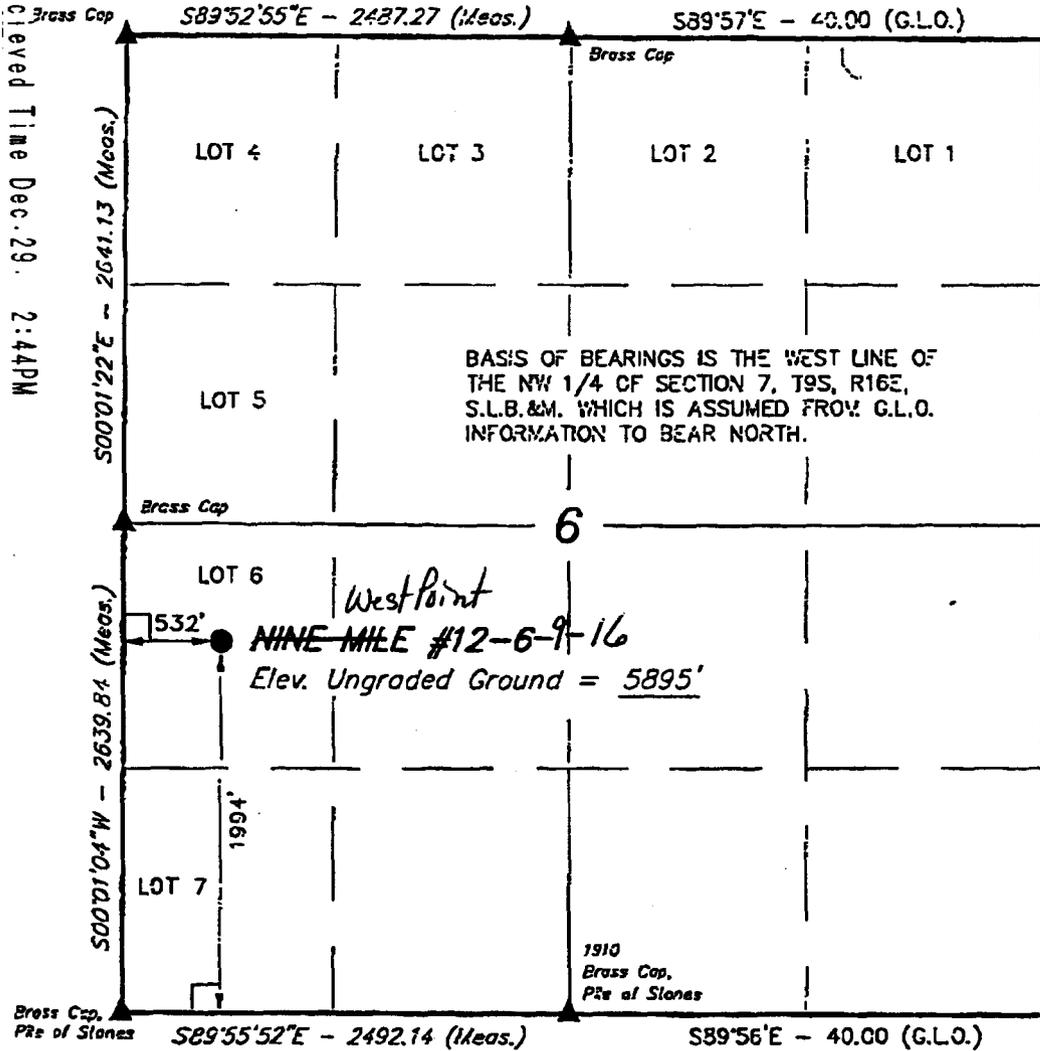
INLAND PRODUCTION CO.

Well location, NINE MILE #12-6, located as shown in the NW 1/4 SW 1/4 of Section 6, T9S, R16E, S.L.B.&M., Duchesne County, Utah.

### BASIS OF ELEVATION

BENCH MARK LOCATED IN THE NE 1/4 SE 1/4 OF SECTION 1, T9S, R15E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5924 FEET.

Received Time Dec. 29. 2:44PM



### CERTIFICATE

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

*Robert L. Key*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 788-1017		
SCALE 1" = 1000'	DATE SURVEYED: 8-24-97	DATE DRAWN: 8-29-97
PARTY L.D.T. B.H. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARY	FILE INLAND PRODUCTION CO.	

### LEGEND:

- └─┘ = 90° SYMBOl
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

DEC-29-99 WED 01:56 PM

INLAND PRODUCTION CO

FAX NO. 435 646 3031

P. 02/06

**EXHIBIT B**

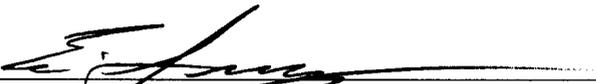
<b>#</b>	<b>Legal Description</b>	<b>Lessor &amp; Expiration</b>	<b>Lessee &amp; Operating Rights</b>	<b>Surface Owner</b>
1	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 6: All	UTU-74390	Newfield RMI LLC	
	Section 7: All	HBP	ABO Petroleum Corp	
	Section 8: W2		MYCO Industries Inc	
	Section 17: NW		OXY Y-1 Corp	
	Section 18: NE, E2NW, LOTS 1, 2		Yates Petroleum Corp	
2	T9S-R15E SLM	USA	Newfield Production Company	USA
	Section 1: ALL	UTU-74826	Newfield RMI LLC	
	Section 3: ALL	HBP		
	Section 10: ALL			
	Section 11: ALL			
	Section 12: ALL			

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
West Point #12-6-9-16

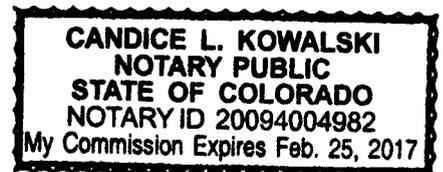
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Environmental Manager

Sworn to and subscribed before me this 4<sup>th</sup> day of June, 2013.

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

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



## West Point #12-6-9-16

Spud Date: 10/26/2000  
 Put on Production: 2/10/2001  
 GL: 5895' KB: 5905'

Initial Production: 103.4 BOPD,  
 43.7 MCFD, 69.1 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301.97')  
 DEPTH LANDED: 301.97'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 155 sxs Class "G" cmt

### PRODUCTION CASING

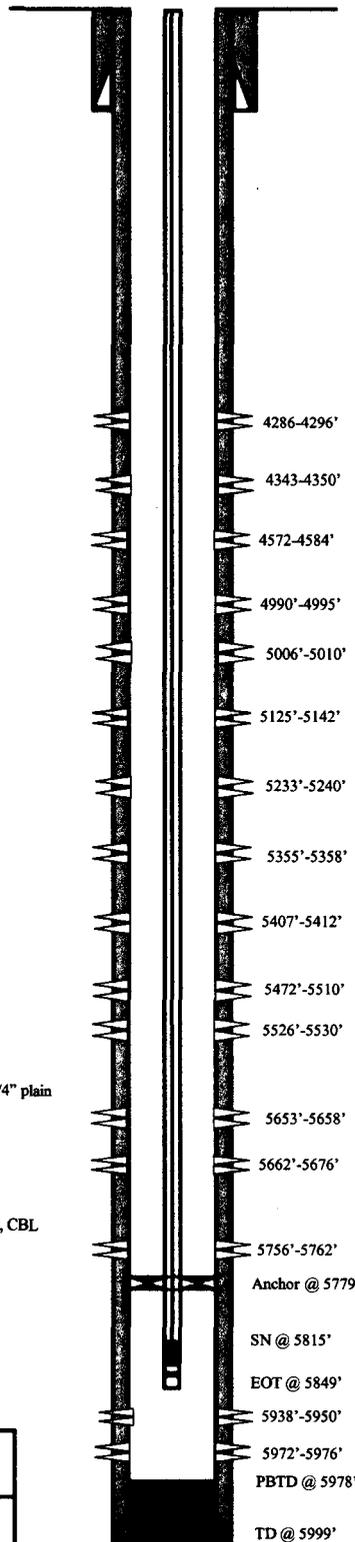
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5998.59')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5998'  
 CEMENT DATA: 275 sk Prem. Lite II mixed & 550 sxs 50/50 POZ.  
 CEMENT TOP AT: ? per CBL

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 176 jts (5704.10')  
 NO. OF JOINTS: 2 jts (65.15')  
 TUBING ANCHOR: 5779.25' KB  
 NO. OF JOINTS: 1 jt (32.60')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5814.65' KB  
 NO. OF JOINTS: 1 jt (32.48')  
 TOTAL STRING LENGTH: EOT @ 5848.68'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 4-1 1/2" weight rods, 20 -3/4" scraper rods, 118 - 3/4" plain rods, 90 - 3/4" scraper rods, 1-4' x 3/4" pony rod.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 14' RHAC  
 STROKE LENGTH: 75"  
 PUMP SPEED, SPM: 7 spm  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL



### FRAC JOB

2/01/01	5938'-5976'	<b>Frac CP-4 sands as follows:</b> Frac with 73,750# 20/40 sand in 590 bbls Viking I-25 fluid. Perfs broke down @ 4059 psi. Treat at 1950 psi @ 28 BPM. ISIP 2400 psi.
2/01/01	5756'-5658'	<b>Frac CP/LDC sands as follows:</b> Frac with 140,500# 20/40 sand in 941 bbls Viking I-25 fluid. Treated at avg. 2480 psi @ 30.4 BPM. ISIP 2350 psi. flow back on 12/64 choke @ 1 BPM for 5.5 hrs then died.
2/02/01	5472'-5530'	<b>Frac LDC-2 sands as follows:</b> Frac with 200,000# 20/40 sand in 1311 bbls Viking I-25 fluid. Perfs broke down @ 3983 psi. Treated @ 2340 psi at 30.6 BPM. ISIP 2351 psi. Flow back on 12/64" choke at 1 BPM, flowed for 8 hrs. then died.
2/06/01	5407'-5240'	<b>Frac A sands as follows:</b> Frac with 65,500# 20/40 sand in 267 bbls Viking I-25 fluid. ISIP 3250 psi.
2/06/01	4990'-5142'	<b>Frac C- B-2 sands as follows:</b> Frac with 137,000# 20/40 sand in 566 bbls Viking I-25 fluid. Flow back at 1 BPM for 2.5 hours.
11/16/01		Install gas anchor. Update rod and tubing details.
06/29/04		Parted Rods. Update Tubing and rod details.
12/16/04	5125'-5142'	<b>Frac re-existing B2 sands as follows:</b> 49,670# 20/40 sand in 406 bbls Lightning 17 fluid. Treated @ avg press of 3675 psi w/ avg rate of 14.3 BPM. ISIP 1650 psi. Calc flush: 1318 gal. Actual flush: 1264 gal.
12/17/04	4572-4584	<b>Frac PB10 sands as follows:</b> 44,350# 20/40 sand in 394.5 bbls Lightning 17 fluid. Treated @ avg press of 2208 psi w/avg rate of 24.2 BPM. ISIP 2520 psi. Calc flush: 4570 gal. Actual flush: 4359 gal.
12/17/04	4343-4350	<b>Frac GB6 sands as follows:</b> 23,969# 20/40 sand in 261 bbls Lightning 17 fluid. Treated @ avg press of 2331 psi w/avg rate of 24.6 BPM. ISIP 2160 psi. Calc flush: 4341 gal. Actual flush: 4120 gal.
12/17/04	4286-4296	<b>Frac GB4 sands as follows:</b> 47,954# 20/40 sand in 402 bbls Lightning 17 fluid. Treated @ avg press of 2405 psi w/ avg rate of 24.5 BPM. ISIP 2575 psi. Calc flush: 4284 gal. Actual flush: 4284 gal.

### PERFORATION RECORD

Depth	Perforation Type	Holes
4990'-4995'	4 JSPF	36 holes
5006'-5010'	4 JSPF	124 holes
5125'-5142'	4 JSPF	36 holes
5233'-5240	4 JSPF	64 holes
5355'-5358'	4 JSPF	20 holes
5407'-5412'	4 JSPF	36 holes
5472'-5510'	4 JSPF	36 holes
5526'-5530'	4 JSPF	124 holes
5653'-5658'	4 JSPF	36 holes
5662'-5676'	4 JSPF	64 holes
5756'-5762'	4 JSPF	20 holes
5938'-5950'	4 JSPF	36 holes
5972'-5976'	4 JSPF	36 holes
12/16/04	4572-4584'	4 JSPF 48 holes
12/17/04	4343-4350'	4 JSPF 28 holes
12/17/04	4286-4296'	4 JSPF 40 holes

**NEWFIELD**

**West Point #12-6-9-16**

532' FWL & 1994' FSL

NW/SW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31765; Lease #UTU-74390

Spud Date: 12/29/2009  
 Put on Production: 02/02/2010  
 GL: 5898' KB: 5910'

## West Point Federal N-6-9-16

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (265.03')  
 DEPTH LANDED: 321.43'  
 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: 154 jts. (6296.51')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6311.12'  
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 136'

### TUBING

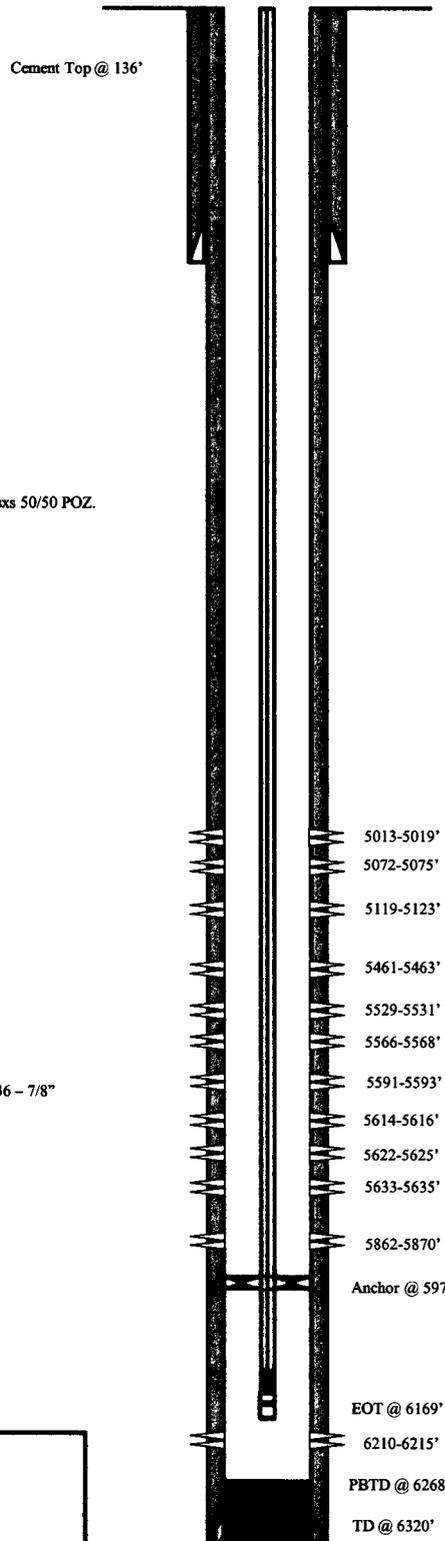
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 190 jts (5958.5')  
 TUBING ANCHOR: 5970.5'  
 NO. OF JOINTS: 2 jts (62.9')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6036.2' KB  
 NO. OF JOINTS: 1 jts (31.5')  
 GAS ANCHOR: 3-1/2" = 6068.7'  
 TBG NIPPLE: 2-7/8" = 6073.9'  
 NO OF JOINTS: 3 jts (94.6')  
 TOTAL STRING LENGTH: EOT @ 6169'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1 -2' x 7/8", 1 -6' x 7/8" pony rods, 236 - 7/8"  
 8per guided rods = 5900', 4 - 1-1/2" sinker bar.  
 PUMP SIZE: 2 1/2 x 1 1/4 x 21' x 24' RHAC  
 STROKE LENGTH: 122  
 PUMP SPEED: 5 SPM

### FRAC JOB

02-03-10 6210-6215' Frac CP5 sands as follows: Frac with 10747# 20/40 sand in 89 bbls Lightning 17 fluid.  
 02-03-10 5862-5870' Frac CP.5 sands as follows: Frac with 20180# 20/40 sand in 174 bbls Lightning 17 fluid.  
 02-03-10 5461-5635' Frac A3 & LODC sands as follows: Frac with 150746# 20/40 sand in 937 bbls Lightning 17 fluid.  
 02-03-10 5013-5123' Frac D2, D3, & C sands as follows: Frac with 54111# 20/40 sand in 332 bbls Lightning 17 fluid.



### PERFORATION RECORD

Depth Range	Number of JSPF	Number of Holes
6210-6215'	3 JSPF	15 holes
5862-5870'	3 JSPF	24 holes
5633-5635'	3 JSPF	6 holes
5622-5625'	3 JSPF	9 holes
5614-5616'	3 JSPF	6 holes
5591-5593'	3 JSPF	6 holes
5566-5568'	3 JSPF	6 holes
5529-5531'	3 JSPF	6 holes
5461-5463'	3 JSPF	6 holes
5119-5123'	3 JSPF	12 holes
5072-5075'	3 JSPF	9 holes
5013-5019'	3 JSPF	18 holes

**NEWFIELD**

**West Point Federal N-6-9-16**  
 2030' FSL & 545' FWL (NW/SW)  
 Section 6, T9S, R16E  
 Duchesne Co, Utah  
 API # 43-013-34077; Lease # UTU-74390

## West Point G-6-9-16

Spud Date: 4/25/2009  
 Put on Production: 6/23/2009  
 GL: 5866' KB: 5878'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (309.35')  
 DEPTH LANDED: 321.20' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx class 'G' cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 164 jts (6299.67')  
 DEPTH LANDED: 6351.64'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 280 sx premlite II and 400 sx 50/50 poz  
 CEMENT TOP AT: 42'

### TUBING

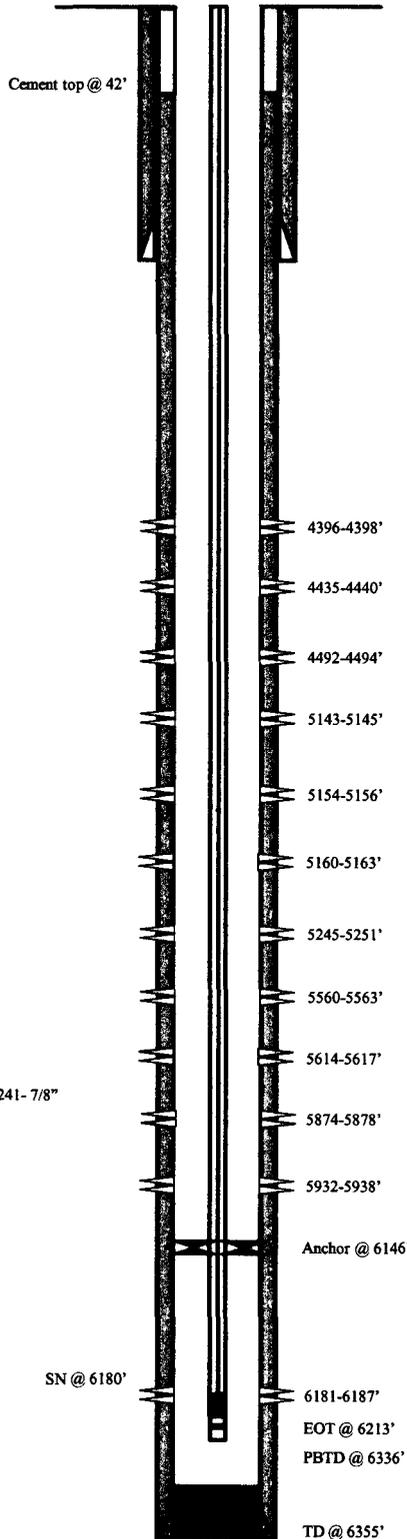
SIZE/GRADE/WT.: 2-7/8"/J-55  
 NO. OF JOINTS: 194 jts (6134.2')  
 TUBING ANCHOR: 6146.2' KB  
 NO. OF JOINTS: 1 jts (30.5')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6179.6' KB  
 NO. OF JOINTS: 1 jts (31.7')  
 TOTAL STRING LENGTH: EOT @ 6213'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 30' polished rod  
 SUCKER RODS: 1-2"x7/8", 1-4"x7/8", 2- 16'x 7/8" pony rods; 241- 7/8" guided rods (8 per), 4-1 1/2" weight bars  
 PUMP SIZE: central hydraulic 2 1/2" x 1 3/4" x 21'x 24' RHAC  
 STROKE LENGTH: 144"  
 PUMP SPEED, SPM: 5

### FRAC JOB

6/24/2009 6181-6187' Frac CP5 sands as follows:  
 15,310# 20/40 sand in 126 bbls of Lightning  
 17 fluid.  
 6/24/2009 5874-5938' Frac CP.5 & CP2 sands as follows:  
 50,947# 20/40 sand in 308 bbls of Lightning  
 17 fluid.  
 6/24/2009 5563-5614' Frac LODC sands as follows:  
 15,486# 20/40 sand in 124 bbls of Lightning  
 17 fluid.  
 6/24/2009 5245-5251' Frac B1 sands as follows:  
 19,339# 20/40 sand in 176 bbls of Lightning  
 17 fluid.  
 6/24/2009 5143-5163' Frac C sands as follows:  
 56,003# 20/40 sand in 342 bbls of Lightning  
 17 fluid.  
 6/24/2009 4396-4494' Frac GB4 & GB6 sands as follows:  
 39,413# 20/40 sand in 256 bbls of Lightning  
 17 fluid.



### PERFORATION RECORD

6181-6187'	4 JSPF	24 holes
5932-5938'	3 JSPF	18 holes
5874-5878'	3 JSPF	12 holes
5614-5617'	3 JSPF	9 holes
5560-5563'	3 JSPF	9 holes
5245-5251'	3 JSPF	18 holes
5160-5163'	3 JSPF	9 holes
5154-5156'	3 JSPF	6 holes
5143-5145'	3 JSPF	6 holes
4492-4494'	3 JSPF	6 holes
4435-4440'	3 JSPF	15 holes
4396-4398'	3 JSPF	6 holes

**NEWFIELD**

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**West Point Fed G-6-9-16**

1992' FNL & 1870' FWL SE/NW

Section 6-T9S-R16E

Duchesne Co, Utah

API # 43-013-34076; Lease # UTU-74390



## Nine Mile #4-6-9-16

Spud Date: 12/18/97  
 Put on Production: 1/30/98  
 GL: 5864' KB: 5876'

Initial Production: 50 BOPD,  
 87 MCFPD, 56 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (294')  
 DEPTH LANDED: 293' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 6 bbls to surf.

Casing shoe @ 293'

TOC @ 500'

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: M-50  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5965')  
 DEPTH LANDED: 5977' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 390 sxs Hibond mixed & 395 sxs thixotropic  
 CEMENT TOP AT: 500' per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 178 jts. (5541.03')  
 TUBING ANCHOR: 5553.03' KB  
 NO. OF JOINTS: 1 jt. (32.51')  
 SN LANDED AT: 5588.34' KB  
 NO. OF JOINTS: 2 jts. (62.10')  
 TOTAL STRING LENGTH: EOT @ 5651.99' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' Polish Rod  
 SUCKER RODS: 1-8", 1-4", 1-2' x 3/4" pony rods, 217-3/4" scraped rods, 4-1 1/2" wt bars, 2-1 5/8" wt bars.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4 SPM  
 LOGS: DIGL/GR/CAL (6006''-306')  
 DSN/SDL/GR (5978'-3000')

SN@5588' KB

### FRAC JOB

1-17-98 5770'-5848' **Frac CP sand as follows:**  
 120,300# of 20/40 sd in 564 bbls  
 Delta Frac. Treated @ avg rate 28 bpm,  
 avg press 3300 psi. Breakdown @ 3137  
 psi. ISIP-3884 psi, 5-min 2285 psi.  
 Flowback for 4 hrs & died.

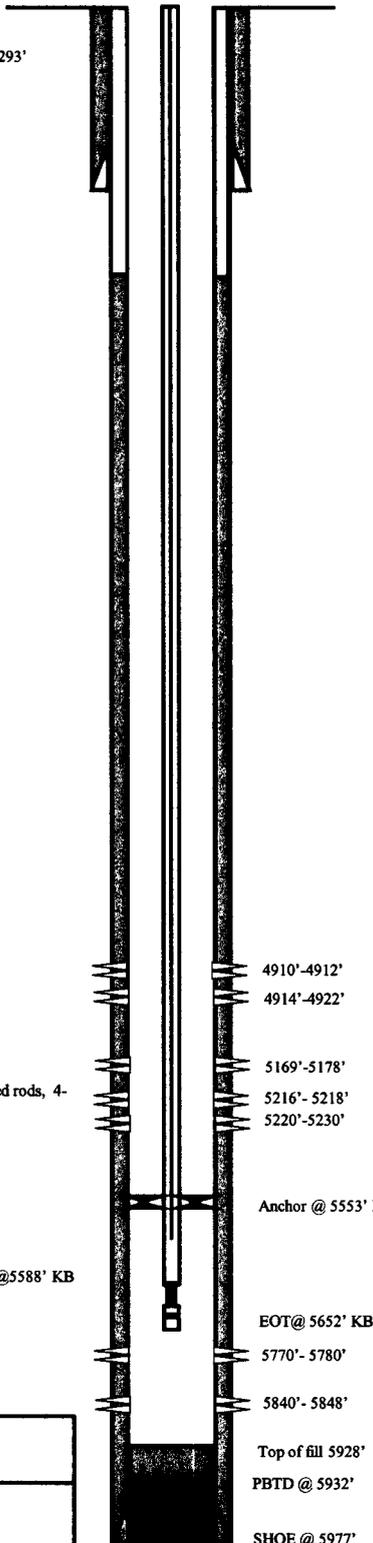
1-20-98 5169'-5230' **Frac B sand as follows:**  
 130,200# of 20/40 sd in 609 bbls Delta F  
 rac. Breakdown @ 2480 psi. Treated @  
 avg rate of 28.4 BPM, avg press 1650  
 psi. ISIP-2056 psi, 5-min 1750 psi.  
 Flowback on 12/64" ck for 2-1/2 hrs &  
 died.

1-22-98 4910'-4922' **Frac D sand as follows:**  
 120,300# 20/40 sand in 568 bbls Delta  
 Frac. Breakdown @ 3940 psi. Treated  
 w/avg press of 2400 psi w/avg rate of  
 26.5 BPM. ISIP - 3065 psi, 5 min 2753  
 psi. Flowback on 12/64" ck for 3-1/2 hrs  
 & died.

1/31/02 Tubing leak. Update rod and tubing details.  
 9/18/02 Tubing leak. Update rod and tubing details.  
 10/1/02 Stuck pump. Update rod details.  
 9/18/03 Tubing leak. Update rod and tubing details.  
 9/29/04 Tubing leak. Update rod and tubing details.

### PERFORATION RECORD

Date	Interval	Tool	Holes
1-17-98	5770'-5780'	4 JSPF	40 holes
1-17-98	5840'-5848'	4 JSPF	32 holes
1-20-98	5169'-5178'	4 JSPF	36 holes
1-20-98	5216'-5218'	4 JSPF	8 holes
1-20-98	5220'-5230'	4 JSPF	40 holes
1-22-98	4910'-4912'	4 JSPF	8 holes
1-22-98	4914'-4922'	4 JSPF	32 holes



**NEWFIELD**

**Nine Mile #4-6-9-16**  
 660 FNL & 583 FWL  
 NWNW Section 6-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31952; Lease #UTU-74390

# ATTACHMENT E-5

## Nine Mile #5-6-9-16

Spud Date: 12/14/97  
 Put on Production: 1/17/98  
 GL: 5882' KB: 5894'

Initial Production: 263 BOPD,  
 196 MCFPD, 9 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 291'  
 DEPTH LANDED: 292'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Premium cmt, est 8 bbls to surf.

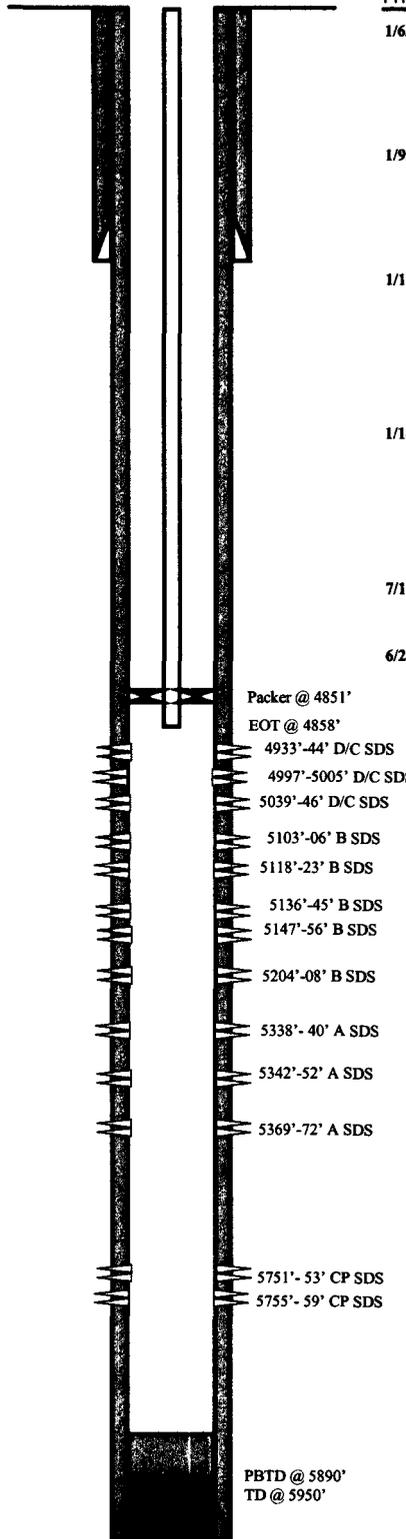
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (5925')  
 DEPTH LANDED: 5937'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 390 sks Hibond mixed & 375 sks thixotropic  
 CEMENT TOP AT:

### TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 155 jts (4838')  
 SN LANDED AT: 4850'  
 PACKER: 4851'  
 TOTAL STRING LENGTH: EOT 4858'

Injection Wellbore  
 Diagram



### FRAC JOB

**1/6/98 5751'-5759'** Frac CP sand as follows:  
 95,300# of 20/40 sd in 509 bbls  
 Delta Frac. Treated @ avg rate 28.3 bpm,  
 avg press 2000 psi. Breakdown @ 3129  
 psi. ISIP-2268 psi, 5-min 1884 psi.  
 Flowback for 4 hrs & died.

**1/9/98 5338'-5372'** Frac A sand as follows: 105,400#  
 of 20/40 sd in 538 bbls Delta Frac.  
 Breakdown @ 2051 psi. Treated @ avg  
 rate of 35.2 BPM, avg press 2051 psi.  
 ISIP-2822 psi, 5-min 2577 psi. Flowback  
 on 12/64" ck for 2-1/2 hrs & died.

**1/11/98 5103'-5208'** Frac B sand as follows:  
 124,300# 20/40 sand in 580 bbls Delta  
 Frac. Breakdown @ 1712 psi. Treated  
 w/avg press of 1600 psi w/avg rate of  
 32.5 BPM. ISIP - 3165 psi, 5 min 2712  
 psi. Flowback on 12/64" ck for 3 hrs  
 & died.

**1/14/98 4933'-5046'** Frac D/C sand as follows:  
 131,300# 20/40 sand in 597 bbls of Delta  
 Frac. Breakdown @ 1358 psi. Treated  
 @ avg press of 1900 psi w/avg rate of  
 35.3 BPM. ISIP-2893 psi, 5 min 2551  
 psi. Flowback on 12/64" ck for 3 hrs &  
 died.

**7/12/01** Performed MIT on well. Mr. Ingram w/  
 DOGM was not able to witness the test,  
 will be sent chart.

**6/27/06** 5 Year MIT completed and submitted.

### PERFORATION RECORD

Date	Interval	Number of Holes	Notes
1/4/98	5751'-5753'	4	JSPF 8 holes
1/4/98	5755'-5759'	4	JSPF 16 holes
1/8/98	5338'-5340'	4	JSPF 8 holes
1/8/98	5342'-5352'	4	JSPF 40 holes
1/8/98	5369'-5372'	4	JSPF 12 holes
1/10/98	5103'-5106	4	JSPF 12 holes
1/10/98	5118'-5123'	4	JSPF 20 holes
1/10/98	5136'-5145'	4	JSPF 36 holes
1/10/98	5147'-5156'	4	JSPF 36 holes
1/10/98	5204'-5208'	4	JSPF 16 holes
1/13/98	4933'-4944'	4	JSPF 44 holes
1/13/98	4997'-5005'	4	JSPF 32 holes
1/13/98	5039'-5046'	4	JSPF 28 holes



Nine Mile #5-6-9-16  
 1923 FNL & 695 FWL  
 SWNW Section 6-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31953; Lease #U-74390

## Nine Mile 6-6-9-16

Spud Date: 11/6/97  
 Put on Production: 12/17/97  
 GL: 5841' KB: 5854'

Initial Production: 75 BOPD,  
 74 MCFPD, 36 BWPD

Injector Wellbore  
 Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (311.79')  
 DEPTH LANDED: 324.70' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Premium cmt, est 1 bbls to surf.

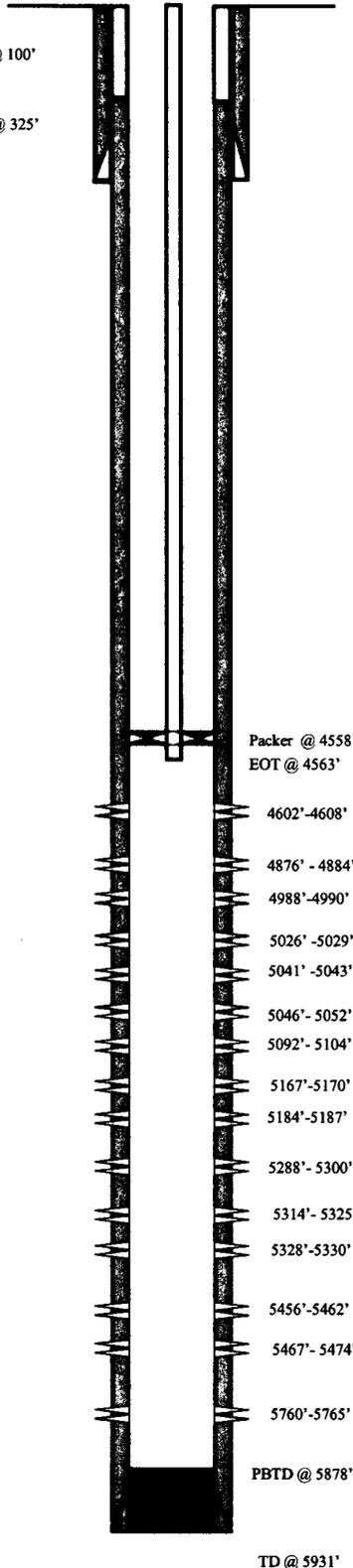
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 138 jts. (5907.44')  
 DEPTH LANDED: 5920.77'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 390 sxs Hibond mixed & 350 sxs thixotropic  
 CEMENT TOP AT: 100' per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 145 jts (4544.1')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4554.1'  
 CE @ 4558.46'  
 TOTAL STRING LENGTH: EOT @ 4563'

TOC @ 100'  
 Casing shoe @ 325'



### FRAC JOB

12/7/97	5456'-5474'	Frac LDC sand as follows: 121,300# of 20/40 sand in 573 bbls Delta Frac. Treated @ avg press 2600 w/avg rate 29 bpm. ISIP 2836 psi. Calc flush: 5454 gal. Actual flush: 5364 gal.
12/9/97	5288'-5330'	Frac A sand as follows: 130,300# of 20/40 sand in 622 bbls Boragel. Treated @ avg press 1950 w/avg rate of 31 bpm. ISIP-2462 psi. Calc flush: 5286 gal. Actual flush:
12/11/97	5026'-5104'	Frac C/B sands as follows: 114,300# 20/40 sand in 549 bbls Delta Frac. Breakdown @ 2220 psi. Treated w/avg press of 1880 psi w/avg rate of 28.1 BPM. ISIP 2974 psi. Calc flush: 5024 gal. Actual flush: 4919 gal.
12/13/97	4876'-4884'	Frac D sand as follows: 114,300# 20/40 sand in 520 bbls of Delta Frac. Treated @ avg press of 2046 psi w/avg rate of 26.2 BPM. ISIP 2550 psi. Calc flush: 4874 gal. Actual flush: 4778 gal.
9/28/98		Tubing leak.
11/20/98		Stuck plunger.
2/11/99		Parted rods.
02/29/00		Stuck plunger
11/3/01		Pump change. Update rod, tubing and down hole details.
2/23/04		Pump change.
12/7/04	5760'-5765'	Frac CP.5 sands as follows: 17,970# 20/40 sand in 224 bbls Lightning Frac 17 fluid. Treated @ avg press of 3354 psi w/avg rate of 14.6 BPM. ISIP 2120 psi. Calc flush: 1490 gal. Actual flush: 1428 gal.
12/7/04	5167'-5187'	Frac B2 sands as follows: 5,633# 20/40 sand in 100 bbls Lightning Frac 17 fluid. Screened out.
12/7/04	4988'-4990'	Frac D3 sands as follows: 10,409# 20/40 sand in 194 bbls Lightning Frac 17 fluid. Screened out.
12/7/04	4602'-4608'	Frac PB10 sands as follows: 22,549# 20/40 sand in 282 bbls Lightning Frac 17 fluid. Treated @ avg press of 2365 psi w/avg rate of 24.6 BPM. ISIP 2500 psi. Calc flush: 4600 gal. Actual flush: 4391 gal.
03/22/05		Pump Change. Update rod detail
02/17/06		Pump Change. Update rod and tubing details.
12-7-07		Parted Rods. Updated rod & tubing details.
1/12/10		Tubing leak. Updated rod and tubing detail.
11/4/10		Convert to Injection well
11/10/10		Conversion MIT - tbg detail updated

### PERFORATION RECORD

12/05/97	5467'-5474'	4 JSPF	28 holes
12/05/97	5456'-5462'	4 JSPF	24 holes
12/08/97	5328'-5330'	4 JSPF	8 holes
12/08/97	5314'-5325'	4 JSPF	44 holes
12/08/97	5288'-5300'	4 JSPF	48 holes
12/10/97	5092'-5104'	4 JSPF	48 holes
12/10/97	5046'-5052'	4 JSPF	24 holes
12/10/97	5041'-5043'	4 JSPF	8 holes
12/10/97	5026'-5029'	4 JSPF	12 holes
12/12/97	4876'-4884'	4 JSPF	32 holes
12/06/04	5760'-5765'	4 JSPF	20 holes
12/06/04	5184'-5187'	4 JSPF	24 holes
12/06/04	5167'-5170'	4 JSPF	24 holes
12/06/04	4988'-4990'	4 JSPF	8 holes
12/06/04	4602'-4608'	4 JSPF	24 holes

### NEWFIELD

Nine Mile 6-6-9-16  
 2011 FNL & 1869 FWL  
 SENW Section 6-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31719; Lease #UTU-74390

## Nine Mile 11-6-9-16

Spud Date: 10/23/97  
 Put on Production: 12/17/97  
 GL: 5889' KB: 5901'

Initial Production: 57 BOPD,  
 89 MCFPD, 9 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 293'  
 DEPTH LANDED: 294' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

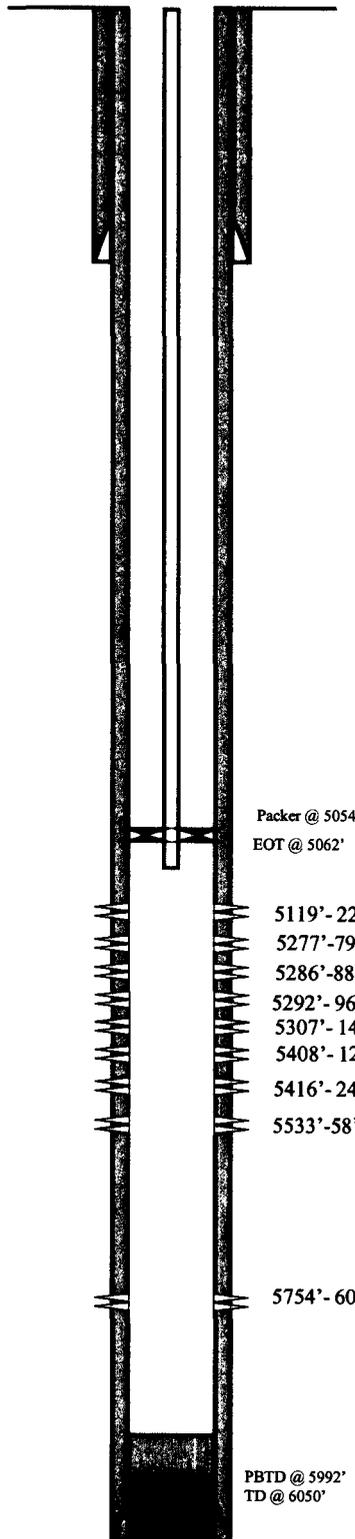
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 141 jts. (6024')  
 DEPTH LANDED: 6036'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 360 sks Hibond mixed & 325 sks thixotropic  
 CEMENT TOP AT:

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 30 jts B grade (941.74')  
 132 jts yellow band (4111.38')  
 CE @ 5054.2'  
 TOTAL STRING LENGTH: 5062'

### Injection Wellbore Diagram



### FRAC JOB

12/7/97 5754'-5760' **Frac CP sand as follows:**  
 95,300# of 20/40 sd in 513 bbls  
 Delta Frac. Treated @ avg rate 26.2 bpm,  
 avg press 2250 psi. Breakdown @ 3652  
 psi. ISIP-2393 psi, 5-min 2117 psi.  
 Flowback for 3-1/2 hrs & died.

12/10/97 5533'-5558' **Frac LDC sand as follows:** 104,300#  
 of 20/40 sd in 543 bbls Boragel.  
 Breakdown @ 2800 psi. Treated @ avg  
 rate of 27.9 BPM, avg press 2650 psi.  
 ISIP-3293 psi, 5-min 2374 psi. Flowback  
 on 12/64" ck for 4 hrs & died.

12/12/97 5277'-5424' **Frac A sand as follows:**  
 127,000# 20/40 sand in 618 bbls Delta  
 Frac. Breakdown @ 2252 psi. Treated  
 w/avg press of 1700 psi w/avg rate of  
 35 BPM. ISIP - 2235 psi, 5 min 1936  
 psi. Flowback on 12/64" ck for 3 hrs &  
 died.

12/14/97 5119'-5122' **Frac B sand as follows:**  
 88,300# 20/40 sand in 471 bbls of Delta  
 Frac. Breakdown @ 3202 psi. Treated  
 @ avg press of 2550 psi w/avg rate of  
 25.4 BPM. ISIP-2772 psi, 5 min 1930  
 psi. Flowback on 12/64" ck for 2-1/2 hrs  
 & died.

11/18/99 **Convert to Injection well**  
 11/23/99 **MIT completed - tbg detail updated**  
 3/23/05 **5 YR MIT**  
 01/27/10 **5 YR MIT**

### PERFORATION RECORD

Date	Depth	Perforation Type	Holes
12/6/97	5754'-5760'	4 JSPF	24 holes
12/9/97	5533'-5558'	4 JSPF	100 holes
12/11/97	5277'-5279'	4 JSPF	8 holes
12/11/97	5286'-5288'	4 JSPF	8 holes
12/11/97	5292'-5296'	4 JSPF	16 holes
12/11/97	5307'-5314'	4 JSPF	28 holes
12/11/97	5408'-5412'	4 JSPF	16 holes
12/11/97	5416'-5424'	4 JSPF	32 holes
12/13/97	5119'-5122'	4 JSPF	12 holes

### NEWFIELD



Nine Mile 11-6-9-16  
 1938 FSL 1756 FWL  
 NESW Section 6-T9S-R16E  
 Duchesne Co, Utah

API #43-013-31812; Lease #UTU-74390

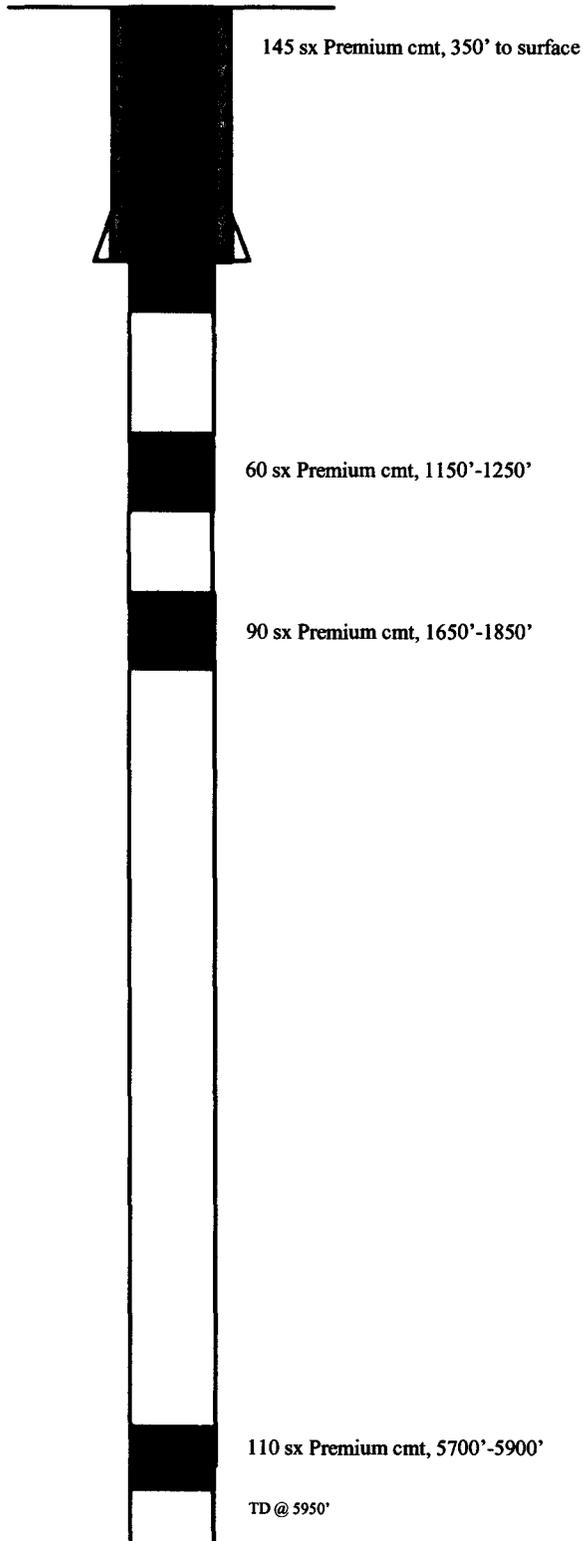
## Nine Mile #14-6

Spud Date: 3/4/98  
P & A on 3/1/7/98  
GL: 5943' KB: 5955'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH:  
DEPTH LANDED: 286'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 135 sxs Premium cmt, est ? bbls to surf.



**NEWFIELD**



**Nine Mile #14-6**  
781 FSL 2074 FWL  
SESW Section 6-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31999; Lease #UTU-74390

## Nine Mile 13-6-9-16

Spud Date: 1/1/98  
 Put on Production: 1/29/98  
 GL: 5927' KB: 5941'

### Injection Wellbore Diagram

#### SURFACE CASING

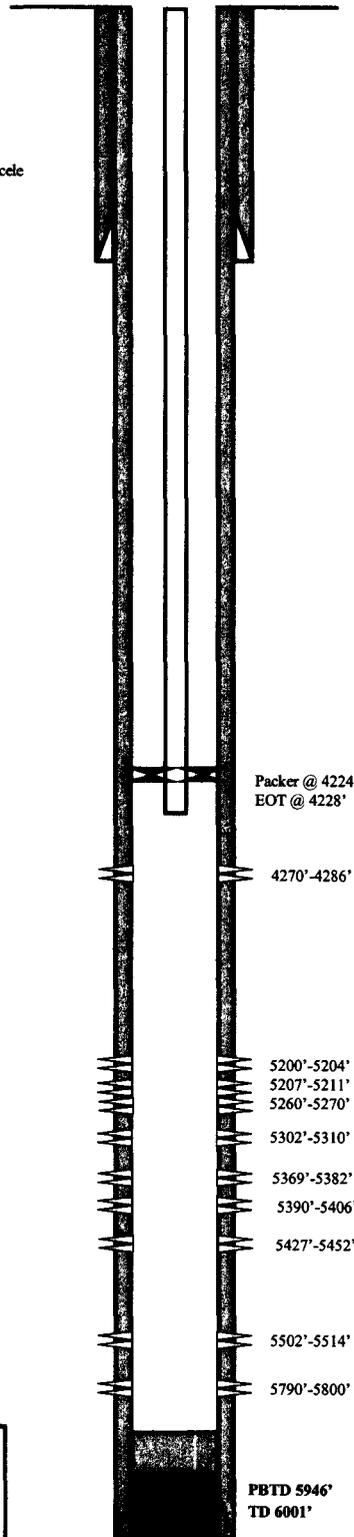
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 287'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 SXS Prem Plus w/2% CC, 2% gel, 1/2#/sx floccle

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts.  
 DEPTH LANDED: 5982'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 340 sx Hibond 65 Modified. Tail w/300 sxs Thixotropic & 10% Calseal

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 135 jts (4207.61')  
 PACKER: 4223.96'  
 TOTAL STRING LENGTH: 4228.16'



#### FRAC JOB

1/21/98 5369'-5514' 78,800# 20/40 sd in 487 bbls Delta Frac. Perfs broke dn @ 2531 psi. Treated @ ave press of 3400 psi w/ave rate of 42 BPM. Sand was cut @ blender due to rapidly increasing pressure. Max sd conc of 8.1 ppg. Flush rate was decreased due to pressure minimum rate of 1.8 BPM. ISIP: 3469 psi, 5 min: 1941 psi. Flowback on 12/64 choke for 3-1/2 hrs & died.

1/23/98 5200'-5270' 104,300# 20/40 sd in 527 bbls Delta Frac. Perfs broke dn @ 3453 psi. Treated @ ave press of 2480 psi w/ave rate of 28.4 BPM. ISIP: 3210 psi, 5 min: 2943 psi. Flowback on 12/64 choke for 2-1/2 hrs & died.

11-99 Conversion to injection well

12/27/07 Well re-completion.

12/31/07 Acid job on A1, A3, & LODC sds: Acidize A1 sds w/200 gals of 15% hcl acid. Acidize A3 sds w/250 gals of 15% hcl acid. Acidize LODC sds w/725 gals of 15% hcl acid.

1/2/08 5790'-5800' Frac CP2 sds as follows: w/14,713#s of 20/40 sand in 163 bbls of lightning 17 fluid. Broke @ 2996 psi. Treated w/ave pressure of 3768 psi w/ave rate of 12.8 BPM. ISIP 2172 psi.

1/2/08 5302'-5310' Frac LODC sds as follows: W/12,827#s of 20/40 sand in 138 bbls of lightning 17 fluid. Broke @ 3109 psi. Treated w/ave pressure of 3866 psi w/ave rate of 10.9 BPM. ISIP 1797 psi.

1/2/08 4270'-4286' Frac GB4 sds as follows: W/30,062#s of 20/40 sand in 293 bbls of lightning 17 fluid. Broke @ 2611 psi. Treated w/ave pressure of 3720 psi w/ave rate of 13.3 BPM. ISIP 2228 psi.

#### PERFORATION RECORD

1/20/98	5369'-5382'	2 JSPF	26 holes
1/20/98	5390'-5406'	2 JSPF	32 holes
1/20/98	5427'-5452'	2 JSPF	50 holes
1/20/98	5502'-5514'	2 JSPF	24 holes
1/21/98	5200'-5204'	4 JSPF	16 holes
1/21/98	5207'-5211	4 JSPF	16 holes
1/21/98	5260'-5270'	4 JSPF	40 holes
1/2/08	5790'-5800'	4 JSPF	40 holes
1/2/08	5302'-5310'	4 JSPF	32 holes
1/2/08	4270'-4286'	4 JSPF	64 holes
1/2/08	5790'-5800'	4 JSPF	40 holes

**NEWFIELD**



Nine Mile 13-6-9-16  
 652' FSL and 668' FWL  
 SWSW Section 6-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31954; Lease #U-74390

PBTD 5946'  
 TD 6001'

## Nine Mile 4-7-9-16

Spud Date: 3-2-98

Put on Production: 4-11-98

GL: 5943' KB: 5955'

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (288')

DEPTH LANDED: 289'

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est ? bbls to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 139 jts (5953')

DEPTH LANDED: 5942'

HOLE SIZE: 7-7/8"

CEMENT DATA: 455 sks Hibond mixed & 390 sks thixotropic

CEMENT TOP AT: 670'

### TUBING

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

TBG PUP 2-7/8 J-55 AT: 12.0'

NO. OF JOINTS: 154 jts (4805.7')

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

SN LANDED AT: 4827.7' KB

ON/OFF TOOL AT: 4828.8'

ARROW #1 PACKER CE AT: 4833.58'

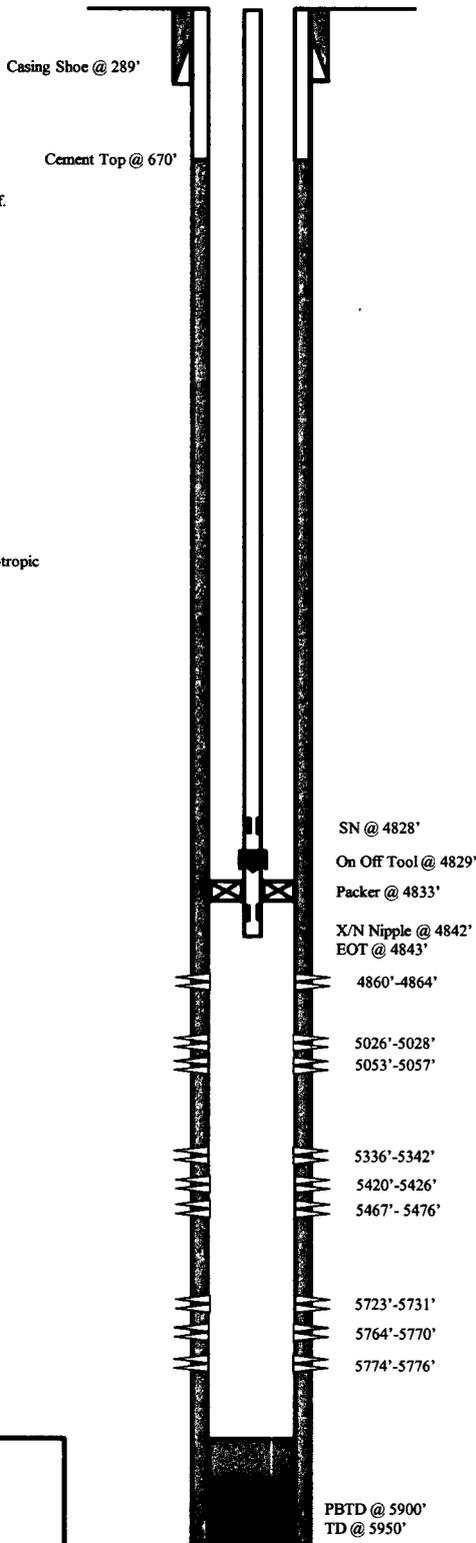
XO 2-3/8 x 2-7/8 J-55 AT: 4837.2'

TBG PUP 2-3/8 J-55 AT: 4837.7'

X/N NIPPLE AT: 4841.9'

TOTAL STRING LENGTH: EOT @ 4843'

### Injection Wellbore Diagram



### FRAC JOB

4-3-98 5723'-5776'

**Frac CP sand as follows:**

120,300# of 20/40 sd in 576 bbls Boragel. Breakdown @ 3170psi. Treated @ avg rate 28 bpm, avg press 1900 psi. ISIP-2448 psi, 5-min 2204 psi. Flowback on 12/64" ck for 5 hrs & died.

4-7-98 5336'-5476'

**Frac A/LDC sand as follows:**

141,300# of 20/40 sd in 661 bbls Delta Frac. Breakdown @ 2761 psi. Treated @ avg rate of 31.8, avg press 2670 psi. ISIP- 3364 psi, 5-min 2980 psi. Flowback on 12/64" ck for 6-1/2 hrs & died.

4-8-98 4860'-5057'

**Frac D/B sand as follows:**

141,300# 20/40 sand in 650 bbls Delta. Breakdown @ 3629 psi. Treated w/avg press of 2650 psi, w/avg rate of 39 BPM. ISIP-2247 psi, 5 min 2089 psi. Flowback on 12/64" ck for 3 hrs & died.

1/15/2010

**Tubing Leak.** Updated rod and tubing detail.

11/19/12

**Convert to Injection Well**

11/20/12

**Conversion MIT Finalized** - update tbg detail

### PERFORATION RECORD

Date	Depth Range	Tool	Holes
4-3-98	5723'-5731'	4 JSPF	32 holes
4-3-98	5764'-5770'	4 JSPF	24 holes
4-3-98	5774'-5776'	4 JSPF	8 holes
4-5-98	5336'-5342'	4 JSPF	24 holes
4-5-98	5420'-5426'	4 JSPF	24 holes
4-5-98	5467'-5476'	4 JSPF	36 holes
4-8-98	4860'-4864'	4 JSPF	16 holes
4-8-98	5026'-5028'	4 JSPF	8 holes
4-8-98	5053'-5057'	4 JSPF	16 holes

### NEWFIELD

Nine Mile 4-7-9-16  
465 FNL 629 FWL  
NWNW Section 7-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32013; Lease #UTU-74390

## Ashley Unit 15-1-9-15

Spud Date: 9/1/98  
 Put on Production: 9/30/98  
 Put on Injection: 04/24/00  
 GL: 5951' KB: 5961'

Initial Production: 71 BOPD;  
 128 MCFD; 1 BWPD

Injection Wellbore  
 Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts. (322')  
 DEPTH LANDED: 332'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Class "G" cmt, est 6 bbls to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (5927')  
 SET AT: 5936'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Premium modified mixed & 360 sxs class G  
 CEMENT TOP AT: 648' per cement bond log(Schlumberger)

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 158 jts (4906.1')  
 SEATING NIPPLE: 2-7/8"  
 SN LANDED AT: 4906.1'  
 CE @ 4907'  
 TOTAL STRING LENGTH: 4915'

LOGS: DIGL/SP/GR/CAL  
 SDL/DSN/GR

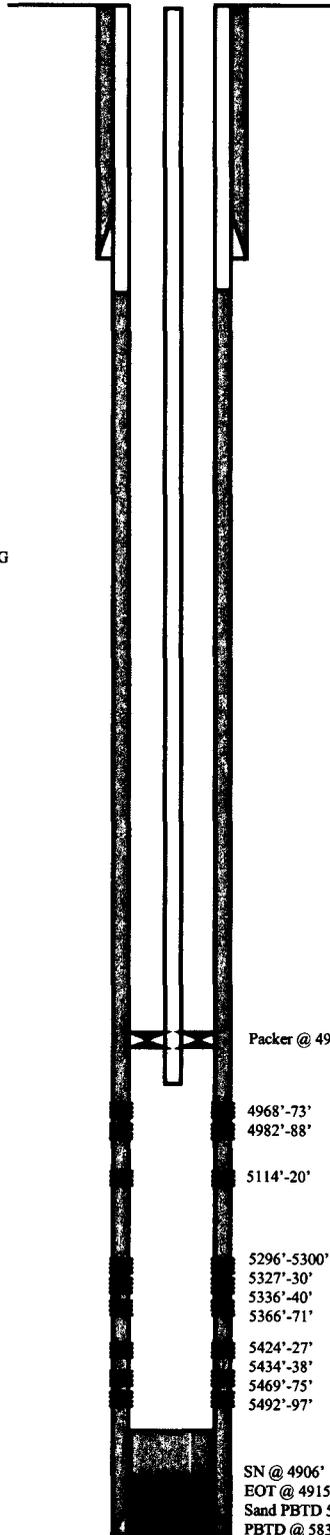
### FRAC JOB

9/17/98 5296'-5497' **Frac A-3 & LODC sands as follows:**  
 142,060# 20/40 sand in 671 bbls Viking I-25 fluid. Perfs broke back @ 3580 psi. Treated @ avg press of 2300 psi w/avg rate of 42.2 BPM. ISIP: 2700 psi, 5-min 2233 psi. Flowback on 12/64 choke for 4 hours and died.

9/19/98 5114'-5120' **Frac B-2 sand as follows:**  
 41,400# 20/40 sand in 231 bbls Viking I-25 fluid. Perfs broke back @ 2450 psi. Pressure increased to 2850 psi before dropping back to 2250 psi when sand hit perfs. With sand on perfs pressure increased rapidly to max pressure. Screened out w/6.2# sand on pers. Est 14,469# sand in formation, 26,931# sand left in casing. Flowback on 12/64 choke for 2-1/2 hours and died.

9/22/98 4968'-4988' **Frac C-SD sand as follows:**  
 105,000# 20/40 sand in 525 bbls Viking I-25 fluid. Perfs broke back @ 3550 psi. Treated @ avg press of 1900 psi w/avg rate of 26 BPM. ISIP: 2470 psi, 5-min 1770 psi. Flowback on 12/64 choke for 4 hours and died.

04/08/00 Convert to injection well  
 04/10/00 Conversion MIT Finalized  
 03/23/05 5 yr MIT  
 1/29/2010 5-Year MIT Performed. Tubing detail updated.



Packer @ 4907'

4968'-73'  
 4982'-88'  
 5114'-20'  
 5296'-5300'  
 5327'-30'  
 5336'-40'  
 5366'-71'  
 5424'-27'  
 5434'-38'  
 5469'-75'  
 5492'-97'

SN @ 4906'  
 EOT @ 4915'  
 Sand PBTB 5828'  
 PBTB @ 5830'  
 TD @ 5950'

### PERFORATION RECORD

9/17/98	5296'-5300'	2 JSPF	8 holes
9/17/98	5327'-5330'	2 JSPF	6 holes
9/17/98	5336'-5340'	2 JSPF	8 holes
9/17/98	5366'-5371'	2 JSPF	10 holes
9/17/98	5424'-5427'	2 JSPF	6 holes
9/17/98	5434'-5438'	2 JSPF	8 holes
9/17/98	5469'-5475'	2 JSPF	12 holes
9/17/98	5492'-5497'	2 JSPF	10 holes
9/18/98	5114'-5120'	4 JSPF	24 holes
9/22/98	4968'-4973'	4 JSPF	20 holes
9/22/98	4982'-4988'	4 JSPF	24 holes

**NEWFIELD**

Ashley Unit 15-1-9-15  
 1783 FEL 797 FSL  
 SWSE Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API # 43-013-32003; Lease # U-74826

Spud Date: 9/29/98  
 Put on Production: 10/23/98  
 GL: 5973' KB: 5983'

## Ashley Unit #1-12-9-15

Initial Production: 126 BOPD;  
 95 MCFD; 0 BWPD

Injection Wellbore  
 Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (291')  
 DEPTH LANDED: 301'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Premium cmt, est 4 bbbs to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5941')  
 SET AT: 5951'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sxs Premium modified mixed & 300 sxs class G  
 CEMENT TOP AT: 315' per cement bond log (Schlumberger)

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 153 jts (4759.77')  
 SEATING NIPPLE: 2-7/8"  
 TOTAL STRING LENGTH: 4778.27'  
 SN LANDED AT: 4769.77'

### FRAC JOB

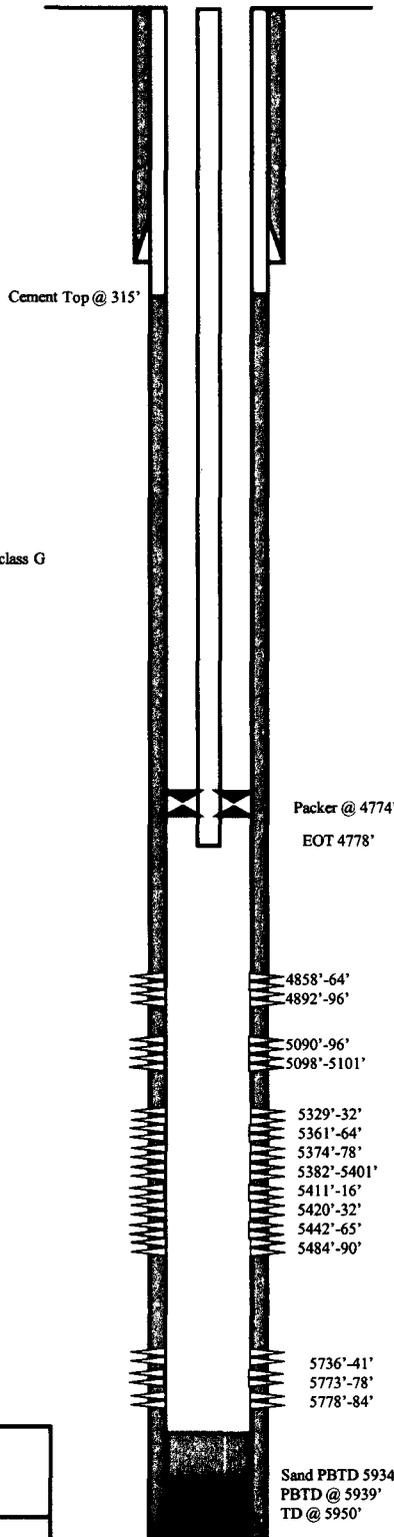
10/12/98 5736'-5784' **Frac CP-1 & CP-2 sands as follows:**  
 102,760# 20/40 sand in 536 bbbs Viking I-25 fluid. Perfs broke back @ 3817 psi. Treated @ avg press of 1610 psi w/avg rate of 28.8 BPM. ISIP: 2550 psi, 5-min 2420 psi. Flowback on 12/64 choke for 4 hours and died.

10/14/98 5329'-5490' **Frac LODC sand as follows:**  
 126,500# 20/40 sand in 626 bbbs Viking I-25 fluid. Perfs broke back @ 3050 psi. Treated @ avg press of 2320 psi w/avg rate of 38.8 BPM. ISIP: 3500 psi, 5-min 3040 psi. Flowback on 12/64 choke for 4 hours and died.

10/16/98 5090'-5101' **Frac B-2 sand as follows:**  
 Frac designed for 93,500# of sand. Cut sand on stage #4 @ 8.5 ppg. Well screened out @ 1386 gal into flush, getting 40,800# of 20/40 sand in formation and leaving 23,500# sand in csg, used 336 bbbs Viking I-25 fluid. Perfs broke down @ 3900 psi. Treated @ avg press of 2500 psi w/avg rate of 28 bpm. ISIP-3900 psi, 5-min SI:3150 psi. Flowback on 12/64 choke for 0.5 hours.

10/19/98 4858'-4896' **Frac D-2 sand as follows:**  
 86,841# 20/40 sand in 465 bbbs Viking I-25 fluid. Perfs broke back @ 3000 psi. Treated @ avg press of 1850 psi w/avg rate of 26.0 BPM. ISIP: 2500 psi, 5-min 2407 psi. Flowback on 12/64 choke for 4 hours and died.

6/9/06 **Well Recompleted.**  
 7/1/06 **MIT completed and submitted.**



### PERFORATION RECORD

Date	Interval	Perforation Type	Number of Holes
10/10/98	5736'-5741'	4 JSPF	20 holes
10/10/98	5765'-5773'	4 JSPF	32 holes
10/10/98	5778'-5784'	4 JSPF	24 holes
10/14/98	5329'-5332'	2 JSPF	16 holes
10/14/98	5361'-5364'	2 JSPF	6 holes
10/14/98	5374'-5378'	2 JSPF	8 holes
10/14/98	5382'-5401'	2 JSPF	38 holes
10/14/98	5411'-5416'	2 JSPF	10 holes
10/14/98	5420'-5432'	2 JSPF	24 holes
10/14/98	5442'-5465'	2 JSPF	46 holes
10/14/98	5484'-5490'	2 JSPF	12 holes
10/15/98	5090'-5096'	4 JSPF	24 holes
10/15/98	5098'-5101'	4 JSPF	12 holes
10/17/98	4858'-4864'	4 JSPF	24 holes
10/17/98	4892'-4896'	4 JSPF	16 holes

**NEWFIELD**

Ashley Unit #1-12-9-15  
 592 FNL 482 FEL  
 NENE Section 12-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32005; Lease #U-74826

### Ashley Federal 8-1-9-15

Spud Date: 5/19/97  
 Put on Production: 7/16/97  
 GL: 5888' KB: 5900'

Initial Production: 163 BOPD.  
 246 MCFPD, 8 BWPD

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (295.54')  
 DEPTH LANDED: 294' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cml, circ 5 bbls to surf

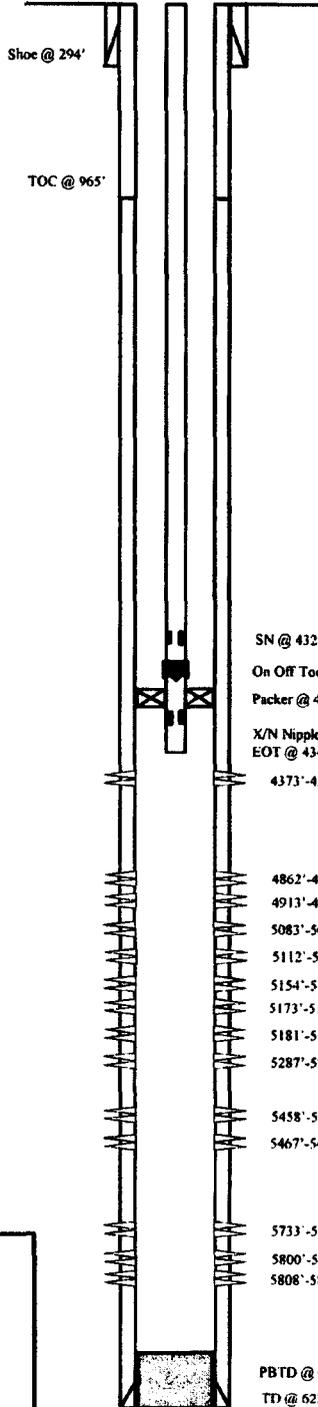
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 146 jts. (6227.54')  
 DEPTH LANDED: 6223' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 380 sxs Hibond mixed & 370 sxs thixotropic  
 CEMENT TOP AT: 965'

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS: 138 jts (4315.7')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4327.7' KB  
 ON/OFF TOOL AT: 4328.8'  
 ARROW #1 PACKER CE AT: 4334.7'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4337.8'  
 TBG PUP 2-3/8 J-55 AT: 4338.3'  
 X/N NIPPLE AT: 4342.5'  
 TOTAL STRING LENGTH: EOT @ 4343.99'

**Injection Wellbore Diagram**



**FRAC JOB**

7-3-97 5733'-5813' **Frac CP sand as follows:**  
 109,700# of 20/40 sand in 548 bbls of Boragel  
 Treated @ avg rate of 28.3 bpm w/avg press of  
 1650 psi ISIP-2230 psi Calc flush: 5733 gal  
 Actual flush: 5648 gal

7-8-97 5458'-5475' **Frac A sand as follows:**  
 122,700# of 20/40 sand in 598 bbls of Boragel  
 Treated @ avg rate of 32.4 bpm w/avg press of  
 2360 psi ISIP-2870 psi Calc flush: 5458 gal  
 Actual flush: 5365 gal

7-10-97 5083'-5291' **Frac B & A sands as follows:**  
 129,300# of 20/40 sand in 666 bbls of Boragel  
 Treated @ avg rate of 35 bpm w/avg press of  
 2100 psi ISIP-2124 psi Calc flush: 5083 gal  
 Actual flush: 5005 gal

7-12-97 4862'-4925' **Frac D sand as follows:**  
 110,500# of 20/40 sand in 556 bbls of Boragel  
 Treated @ avg rate of 34 BPM w/avg press of  
 2800 psi ISIP-3581 psi Calc flush: 4862 gal.  
 Actual flush: 4780 gal

2/13/02 **Tubing leak. Update rod and tubing details**

4/25/03 5112'-5128' **Frac B1 sands as follows:**  
 49,928# of 20/40 sand in 406 bbls Viking I-25  
 fluid. Treated @ avg press of 3980 psi with av;  
 rate of 17.4 bpm ISIP 2150psi Calc flush  
 1,288 gal. Actual flush: 1176 gal.

4/25/03 4373'-4381' **Frac CB6 sands as follows:**  
 19,789# 20/40 sand in 230 bbls Viking I-25  
 fluid Treated @ avg press of 2455 psi with av;  
 rate of 28.3 bpm ISIP 2520 psi Calc flush:  
 4371 gal. Actual flush: 4284 gal

7/9/03 **Pump Change Update rod detail**

11/17/08 **Pump Change. Updated rod & tubing details.**

7/28/2010 **Parted rods. Updated rod and tubing detail**

10/1/2010 **Tubing leak. Updated rod and tubing detail**

06/12/13 **Convert to Injection Well**

06/14/13 **Conversion MIT Finalized update tbg detail**

**PERFORATION RECORD**

Date	Depth Range	Tool	Holes
7/02/97	5733'-5744'	4 JSPF	44 holes
7/02/97	5800'-5802'	4 JSPF	8 holes
7/02/97	5808'-5813'	4 JSPF	20 holes
7/04/97	5458'-5464'	4 JSPF	24 holes
7/04/97	5467'-5475'	4 JSPF	32 holes
7/09/97	5287'-5291'	4 JSPF	16 holes
7/09/97	5458'-5464'	4 JSPF	8 holes
7/09/97	5173'-5178'	4 JSPF	20 holes
7/09/97	5154'-5159'	4 JSPF	20 holes
7/09/97	5083'-5085'	4 JSPF	8 holes
7/11/97	4913'-4925'	4 JSPF	48 holes
7/11/97	4862'-4873'	4 JSPF	44 holes
4/23/03	4373'-4381'	4 JSPF	8 holes
4/23/03	5112'-5128'	4 JSPF	16 holes

**NEWFIELD**

Ashley Federal 8-1-9-15  
 1980 FNL & 660 FEL  
 SE/NE Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31809; Lease #UTU-74826

# ATTACHMENT E-14

Spud Date: 5/22/97  
 Put on Production: 7/14/97  
 GL: 5918' KB: 5930'

## Ashley Federal 9-1-9-15

Initial Production: 132 BOPD,  
 190 MCFPD, 2 BWPD

### Injection Well Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (304.11')  
 DEPTH LANDED: 303.17' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 141 jts. (5955.69')  
 DEPTH LANDED: 5945' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 355 sxs Hibond mixed & 320 sxs thixotropic  
 CEMENT TOP AT: 460' per CBL

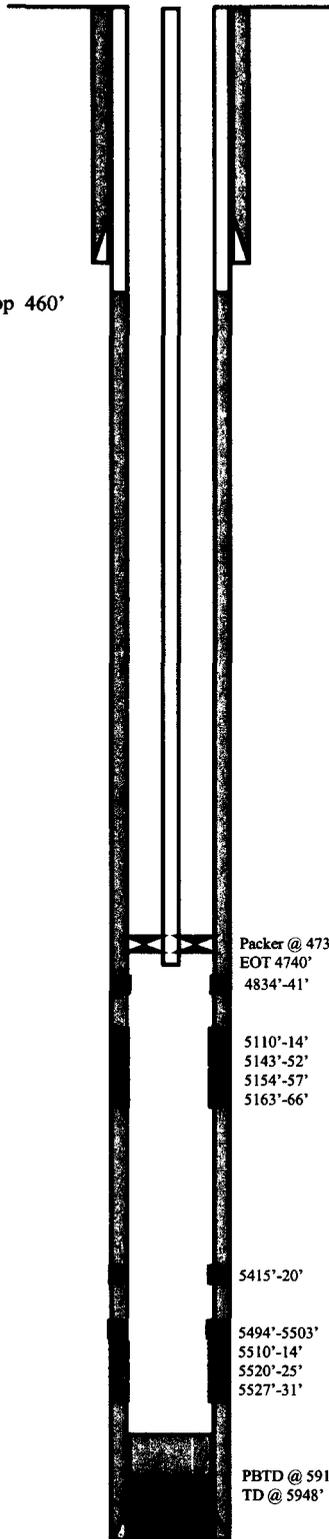
#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 150 jts ( 4720.01')  
 SEATING NIPPLE: 2 - 7/8" (1.10')  
 PACKER: 4737.11'  
 TOTAL STRING LENGTH: EOT @ 4740.43'

#### FRAC JOB

7/02/97	5494'-5531'	<b>Frac A/LDC sand as follows:</b> 124,600# of 20/40 sand in 610 bbls of Boragel. Breakdown @ 2792psi. Treated @ avg rate of 32 bpm w/avg press of 2100 psi. ISIP-2361 psi, 5-min 2253 psi. Flowback on 12/64" ck for 5 - 1/2 hours and died.
7/04/97	5110'-5166'	<b>Frac B sand as follows:</b> 108,900# of 20/40 sand in 534 bbls of Boragel. Breakdown @ 2150 psi. Treated @ avg rate of 28 bpm w/avg press of 1900 psi. ISIP-2268 psi, 5-min 2169 psi. Flowback on 12/64" ck for 4 - 1/2 hours and died.
7/09/97	4834'-4841'	<b>Frac D sand as follows:</b> 94,000# of 20/40 sand in 487 bbls of Boragel. Breakdown @ 3307 psi. Treated @ avg rate of 24 bpm w/avg press of 2350 psi. ISIP-2635 psi, 5-min 2551 psi. Flowback on 12/64" ck for 4 - 1/2 hours and died.
12-05-98		Convert to injection well
10-20-03		5 yr MIT
12-4-12		5 YR MIT

Cement Top 460'



#### PERFORATION RECORD

Date	Interval	Tool	Holes
7/02/97	5527'-5531'	4 JSPF	16 holes
7/02/97	5520'-5525'	4 JSPF	20 holes
7/02/97	5510'-5514'	4 JSPF	16 holes
7/02/97	5494'-5503'	4 JSPF	36 holes
7/02/97	5415'-5420'	4 JSPF	20 holes
7/04/97	5163'-5166'	4 JSPF	12 holes
7/04/97	5154'-5157'	4 JSPF	12 holes
7/04/97	5143'-5152'	4 JSPF	36 holes
7/04/97	5110'-5114'	4 JSPF	16 holes
7/09/97	4834'-4841'	4 JSPF	28 holes

**NEWFIELD**

Ashley Federal 9-1-9-15  
 1981 FSL 555 FEL  
 NESE Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31859; Lease #U-74826

## Ashley Federal #16-1-9-15

Spud Date: 8/24/98  
 Put on Production: 9/26/98  
 GL: 5954' KB: 5964'

Initial Production: 66 BOPD;  
 106 MCFD; 5 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (315.27')  
 DEPTH LANDED: 325.02'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Class "G" cmt, est 8 bbls to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 138 jts. (5931')  
 SET AT: 5941'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 270 sxs Premium Lite & 305 sxs class "G"  
 CEMENT TOP AT: 405'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50  
 NO. OF JOINTS: 178 jts (5502.12')  
 TUBING ANCHOR: 5512.12'  
 NO. OF JOINTS: 1 jt. (30.37')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5545.29'  
 NO. OF JOINTS: 2 jts (61.86')  
 TOTAL STRING LENGTH: EOT @ 5608.70'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4', 6', 8' x 3/4" pont rods, 95-3/4" guided rods, 66-3/4" slick rods, 57-3/4" guided rods, 4-1 1/2" weight bars.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 12 x 16' RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 5 SPM

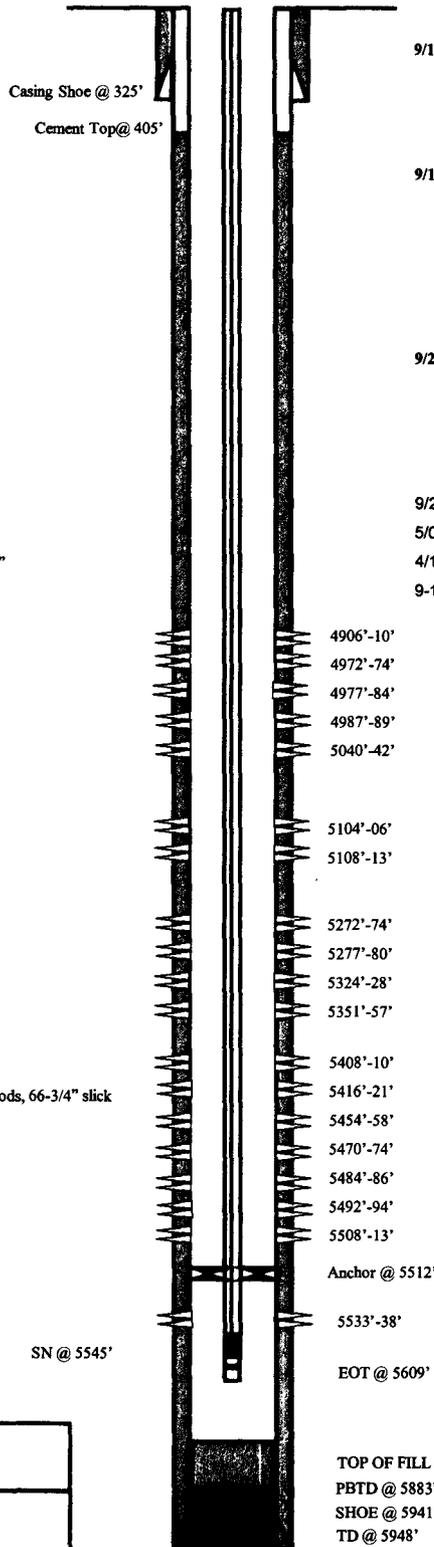
### FRAC JOB

9/17/98 5272'-5538' **Frac A-3 & LODC sands as follows:**  
 165,220# 20/40 sand in 750 bbls Viking I-25 fluid. Treated @ avg press of 2200 psi w/avg rate of 43.6 BPM. ISIP: 2800 psi, 5-min 2566 psi. Flowback on 12/64 choke for 4 hours and died.

9/19/98 5104'-5113' **Frac B-2 sand as follows:**  
 109,511# 20/40 sand in 523 bbls Viking I-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 26.6 BPM. Screened out w/9# sand on formation w/1251 gal left to flush. Est 100,881# sand in formation, 8,612# sand left in casing. ISIP-3200 psi, 5-min 1525 psi. Flowback on 12/64 choke for 2-1/2 hours and died.

9/22/98 4906'-5042' **Frac D-2 & B-0.5 sand as follows:**  
 128,020# 20/40 sand in 592 bbls Viking I-25 fluid. Perfs broke back @ 3178 psi @ 18 BPM. Treated @ avg press of 2200 psi w/avg rate of 29.5 BPM. ISIP: 2800 psi, 5-min 1995 psi. Flowback on 12/64 choke for 4 hours and died.

9/25/01 Pump change. Update rod and tubing details.  
 5/05/05 Tubing leak. Update tubing detail  
 4/19/06 Pump Change. Update rod & tubing details.  
 9-18-08 Tubing Leak. Updated rod & tubing details.



### PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
9/16/98	5272'-5274'	2 JSPF	4 holes
9/16/98	5277'-5280'	2 JSPF	6 holes
9/16/98	5324'-5328'	2 JSPF	8 holes
9/16/98	5351'-5357'	2 JSPF	12 holes
9/16/98	5408'-5410'	2 JSPF	4 holes
9/16/98	5416'-5421'	2 JSPF	10 holes
9/16/98	5454'-5458'	2 JSPF	8 holes
9/16/98	5470'-5474'	2 JSPF	8 holes
9/16/98	5484'-5486'	2 JSPF	4 holes
9/16/98	5492'-5494'	2 JSPF	4 holes
9/16/98	5508'-5513'	2 JSPF	10 holes
9/16/98	5533'-5538'	2 JSPF	10 holes
9/18/98	5104'-5106'	4 JSPF	8 holes
9/18/98	5108'-5113'	4 JSPF	20 holes
9/21/98	4906'-4910'	4 JSPF	16 holes
9/21/98	4972'-4974'	4 JSPF	8 holes
9/21/98	4977'-4984'	4 JSPF	28 holes
9/21/98	4987'-4989'	4 JSPF	8 holes
9/21/98	5040'-5042'	4 JSPF	8 holes

**NEWFIELD**

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**Ashley Unit #16-1-9-15**

695 FEL & 776 FSL

SESE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-32004; Lease #UTU-74826

# Ashley Federal 10-1-9-15

Spud Date: 7/15/97  
 Put on Production: 8/16/97  
 GL: 5381' KB: 5391'

Initial Production: 115  
 BOPD, 83 MCFPD, 3 BWPD

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (287 73')  
 DEPTH LANDED: 297 43'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 155 sxs Premium cmt, est 8 bbls to surf.

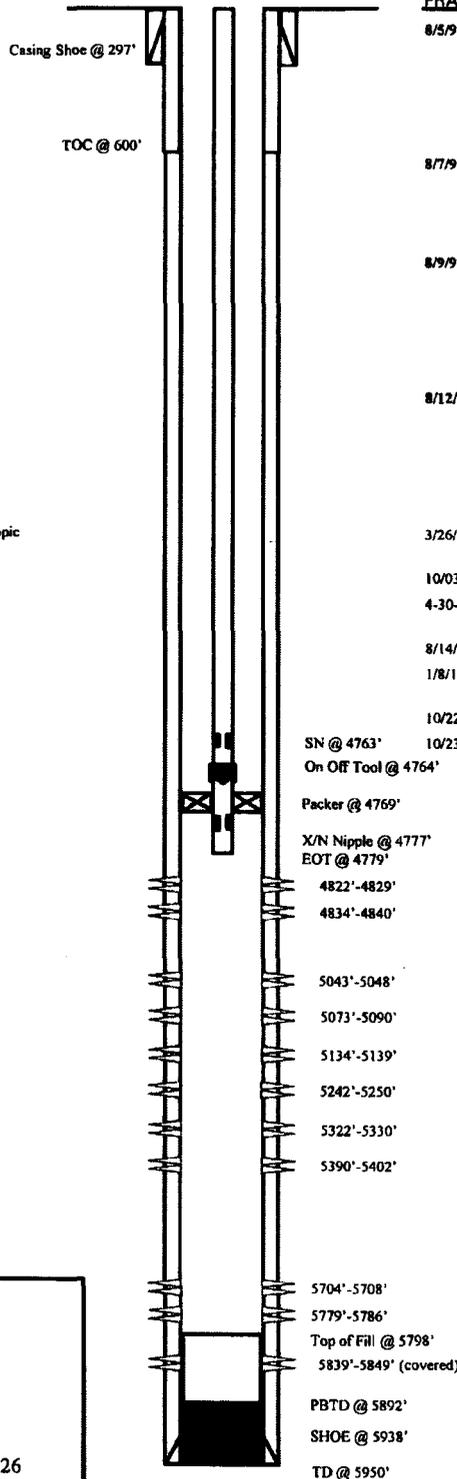
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 141 jts (5927 70')  
 DEPTH LANDED: 5938 02' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sxs Hibond mixed & 305 sxs thixotropic  
 CEMENT TOP AT 600'

**TUBING**

SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS: 151 jts (4752 8')  
 SEATING NIPPLE: 2-7/8" (1 10')  
 SN LANDED AT 4762.8' KB  
 ON/OFF TOOL AT: 4763 9'  
 ARROW #1 PACKER CE AT 4769'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4772 6'  
 TBG PUP 2-3/8 J-55 AT: 4773 1'  
 X/N NIPPLE AT: 4777 2'  
 TOTAL STRING LENGTH EOT @ 4778 81'

**Injection Wellbore Diagram**



**FRAC JOB**

8/5/97 5704'-5849' **Frac CP sand as follows:**  
 110,800# of 20/40 sand in 508 bbls of Boragel Breakdown @ 3259 psi  
 Treated @ avg rate of 30.5 bpm w/avg press of 6450 psi ISIP-2328 psi, 5-min 1931 psi Flowback on 12/64" ck for 3-1/2 hours and died

8/7/97 5242'-5402' **Frac A sand as follows:**  
 116,900# of 20/40 sand in 461 bbls of Hybor gel Breakdown @ 2637 psi  
 Treated @ avg rate of 34.8 bpm w/avg press of 4500 psi. ISIP-4114 Screen Out

8/9/97 5043'-5139' **Frac B sands as follows:**  
 122,900# of 20/40 sand in 509 bbls of # Boragel Breakdown @ 4750 psi  
 Treated @ avg rate of 28.0 bpm w/avg press of 6856 psi ISIP-2093 psi, 5-min 2033 psi Flowback on 12/64" ck for 3-1/2 hours and died

8/12/97 4822'-4840' **Frac D sands as follows:**  
 104,000# of 20/40 sand in 461 bbls of # Boragel Breakdown @ 3271 psi  
 Treated @ avg rate of 25.8 bpm w/avg press of 5100 psi ISIP-2938 psi, 5-min 2676 psi Flowback on 12/64" ck for 4 hours and died

3/26/03 **Tubing Leak** Update rod and tubing details

10/03/03 **Pump Change**

4-30-07 **Parted Rods:** Updated rod and tubing detail

8/14/09 **Parted rods.** Updated rod & tubing

1/8/10 **Parted rods,** Updated rod and tubing detail

10/22/13 **Convert to Injection Well**

10/23/13 **Conversion MIT Finalized** - update tbg detail

SN @ 4763'  
 On Off Tool @ 4764'  
 Packer @ 4769'  
 X/N Nipple @ 4777'  
 EOT @ 4779'  
 4822'-4829'  
 4834'-4840'  
 5043'-5048'  
 5073'-5090'  
 5134'-5139'  
 5242'-5250'  
 5322'-5330'  
 5390'-5402'  
 5704'-5708'  
 5779'-5786'  
 Top of Fill @ 5798'  
 5839'-5849' (covered)  
 PBTD @ 5892'  
 SHOE @ 5938'  
 TD @ 5950'

**PERFORATION RECORD**

Date	Depth Range	Tool	Holes
8/5/97	5839'-5849'	4 JSPF	40 holes
8/5/97	5779'-5756'	4 JSPF	28 holes
8/5/97	5704'-5708'	4 JSPF	16 holes
8/7/97	5390'-5402'	4 JSPF	48 holes
8/7/97	5322'-5330'	4 JSPF	32 holes
8/7/97	5242'-5250'	4 JSPF	32 holes
8/9/97	5134'-5139'	4 JSPF	20 holes
8/9/97	5073'-5090'	4 JSPF	68 holes
8/9/97	5043'-5048'	4 JSPF	20 holes
8/12/97	4834'-4840'	4 JSPF	24 holes
8/12/97	4822'-4829'	4 JSPF	28 holes

**NEWFIELD**

Ashley Federal 10-1-9-15  
 1955' FSL 1764' FEL  
 NW/SE Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31825; Lease #UTU-74826

## GMBU M-6-9-16

Spud Date: 7/3/12  
 Put on Production: 8/3/12  
 GL: 5871' KB: 5881'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8jts  
 DEPTH LANDED: 340.77'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt., circ 4bbls to surf.

#### PRODUCTION CASING

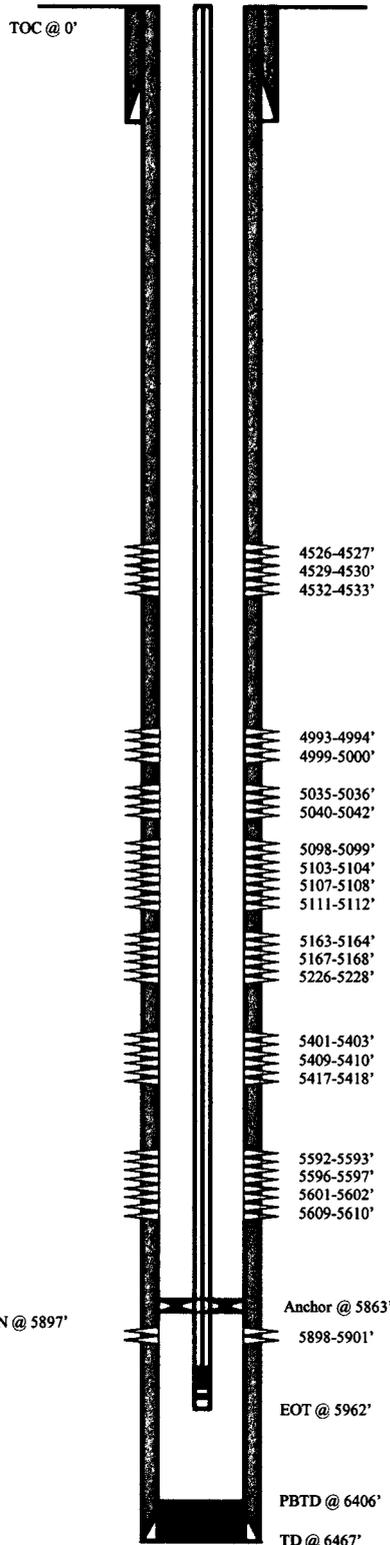
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147jts  
 DEPTH LANDED: 6458.61'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 250sxs Premlite II & 465sxs 50/50 POZ.  
 CEMENT TOP: 0' per CBL 7/27/12

#### TUBING (KS 8/7/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 187jts (5852.3')  
 TUBING ANCHOR: 5863.1'  
 NO. OF JOINTS: 1jt (31.5')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5897.4'  
 NO. OF JOINTS: 2jts (63')  
 NOTCHED COLLAR: 2-7/8" (0.5')  
 TOTAL STRING LENGTH: EOT @ 5962'

#### SUCKER RODS (KS 8/7/12)

POLISHED ROD: 1-1/4" x 30' Polished Rod  
 SUCKER RODS: 3 x 6' x 7/8" Pony Rods, 68 x 7/8" 4per  
 uided Rods, 138 x 3/4" 4per Guided Rods, 28 x 7/8" 4per  
 Guided Rods  
 PUMP SIZE: 2-1/2" x 1-3/4" x 20" x 21" x 24" RHAC  
 STROKE LENGTH: 146"  
 PUMP SPEED, SPM: 5.5  
 PUMPING UNIT: DARCO C-640-365-168



#### FRAC JOB

Date	Depth Range	Fracture Details
8/8/12	5898-5901'	<b>Frac zone as follows:</b> 14,225# 20/40 sand in 172 bbls 17# Borate fluid. Treated @ avg press of 3212 psi w/avg rate of 20 BPM. ISIP 1736 psi.
8/8/12	5592-5610'	<b>Frac zone as follows:</b> 56,063# 20/40 sand in 375 bbls 17# Borate fluid. Treated @ avg press of 3108 psi w/avg rate of 25 BPM. ISIP 2990 psi.
8/8/12	5401-5418'	<b>Frac zone as follows:</b> 40,032# 20/40 sand in 515 bbls 17# Borate fluid. Treated @ avg press of 3018 psi w/avg rate of 31 BPM. ISIP 1776 psi.
8/8/12	5163-5228'	<b>Frac zone as follows:</b> 29,943# 20/40 sand in 240 bbls 17# Borate fluid. Treated @ avg press of 3382 psi w/avg rate of 29 BPM. ISIP 1814 psi.
8/8/12	5098-5112'	<b>Frac zone as follows:</b> 49,499# 20/40 sand in 293 bbls 17# Borate fluid. Treated @ avg press of 3387 psi w/avg rate of 30 BPM. ISIP 2225 psi.
8/8/12	4993-5042'	<b>Frac zone as follows:</b> 61,450# 20/40 sand in 77 bbls 17# Borate fluid. Treated @ avg press of 3485 psi w/avg rate of 28 BPM. ISIP 1900 psi.
8/8/12	4526-4533'	<b>Frac zone as follows:</b> 35,706# 20/40 sand in 281 bbls 17# Borate fluid. Treated @ avg press of 3276 psi w/avg rate of 25 BPM. ISIP 2216 psi.

#### PERFORATION RECORD

Depth Range	Perforation Details
4526-4527'	3 JSFP 3 holes
4529-4530'	3 JSFP 3 holes
4532-4533'	3 JSFP 3 holes
4993-4994'	3 JSFP 3 holes
4999-5000'	3 JSFP 3 holes
5035-5036'	3 JSFP 3 holes
5040-5042'	3 JSFP 6 holes
5098-5099'	3 JSFP 3 holes
5103-5104'	3 JSFP 3 holes
5107-5108'	3 JSFP 3 holes
5111-5112'	3 JSFP 3 holes
5163-5164'	3 JSFP 3 holes
5167-5168'	3 JSFP 3 holes
5226-5228'	3 JSFP 6 holes
5417-5418'	3 JSFP 3 holes
5401-5403'	3 JSFP 6 holes
5409-5410'	3 JSFP 3 holes
5592-5593'	3 JSFP 3 holes
5596-5597'	3 JSFP 3 holes
5601-5602'	3 JSFP 3 holes
5609-5610'	3 JSFP 3 holes
5898-5901'	3 JSFP 9 holes

**NEWFIELD**

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**GMBU M-6-9-16**  
 1832' FSL & 1853' FEL  
 NWSE Section 6-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-51115; Lease #UTU-74390

43-013-51117

## NEWFIELD

### GMBU R-6-9-16

Monument Butte - Duchesne County, Utah, USA

Surface Location: NW/SE Sec 8, T9S, R10E; 1811' F&L & 1857 FEL

Mickey Moulton

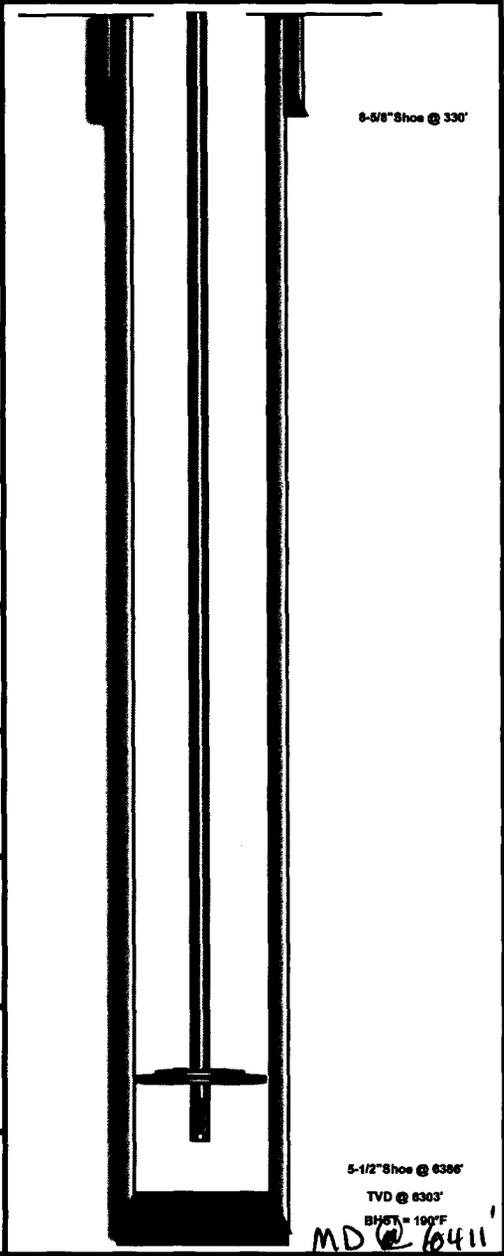
5871' GL + 10 KB

DLB 10/31/12

API# 43-013-51117; Lease# UTU-74390

Spud Date: 7/3/12; PoP Date: 8/9/12

CASING DETAIL	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	330'	8,625"	24#	J-55	7.972"	2,960	1,370	8.097"	2.8749	STC	12.250
Prod	10'	6,388'	5.5"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TBO DETAIL	Top	Bottom	Coupling	Size	Wt	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	6,233'	BEUE	2-7/8"	6.5#	J-55	2.347"	7,280	7,680	2.441"	Tubing Anchor Set @	6,134'	
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod			30'	1 1/2"	Spry Metal	30'	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 8,171'				
	Pony Rod			46'	7/8"	Tenaris D78	16'	2					
	4per Guided Rod			46'	2,046'	7/8"	Tenaris D78	2,000'					80
	4per Guided Rod			2,046'	5,471'	3/4"	Tenaris D78	3,425'					137
	8per Guided Rod			5,471'	5,906'	7/8"	Tenaris D78	525'					21
	8per Guided Rod			5,906'	6,171'	7/8"	Tenaris D78	175'					7
8per Guided Rod			6,171'										
Stage	Top	Bottom	SPF	Gun Size	Date	Frac Summary							
7	4,913'	4,918'	3	3"	7/31/2012	Formation:	D-1					KCL 7%	
						20/40 White:	5,920 lbs	15% HCL:	0 gals				
						Pad:	2,289 gals	Treating Fluid:	3,171 gals				
						Flush:	4,910 gals	Total Load to Rec:	10,370 gals				
						ISIP=	0.846 psi/ft	Max STP:	3,560 psi				
8	5,071'	5,072'	3	1"	7/31/2012	Formation:	C Sand					KCL 7%	
	5,076'	5,077'	3	1"	7/31/2012	20/40 White:	58,952 lbs	15% HCL:	500 gals				
	5,082'	5,083'	3	1"	7/31/2012	Pad:	3,011 gals	Treating Fluid:	13,203 gals				
	5,089'	5,090'	3	1"	7/31/2012	Flush:	4,570 gals	Total Load to Rec:	21,283 gals				
	5,099'	5,100'	3	1"	7/31/2012	ISIP=	0.993 psi/ft	Max STP:	3,728 psi				
5	5,136'	5,139'	3	1"	7/31/2012	Formation:	B-2 B-1 B-Half					KCL 7%	
	5,170'	5,171'	3	1"	7/31/2012	20/40 White:	29,461 lbs	15% HCL:	500 gals				
	5,177'	5,178'	3	1"	7/31/2012	Pad:	3,242 gals	Treating Fluid:	7,108 gals				
	5,208'	5,211'	3	3"	7/31/2012	Flush:	4,637 gals	Total Load to Rec:	15,487 gals				
					ISIP=	0.856 psi/ft	Max STP:	3,848 psi					
4	5,324'	5,325'	3	1"	7/31/2012	Formation:	A-3 A-1					KCL 7%	
	5,329'	5,330'	3	1"	7/31/2012	20/40 White:	38,844 lbs	15% HCL:	500 gals				
	5,443'	5,444'	3	1"	7/31/2012	Pad:	2,780 gals	Treating Fluid:	10,490 gals				
	5,452'	5,454'	3	2"	7/31/2012	Flush:	4,822 gals	Total Load to Rec:	18,501 gals				
					ISIP=	0.838 psi/ft	Max STP:	3,866 psi					
3	5,571'	5,572'	3	1"	7/31/2012	Formation:	LODC					KCL 7%	
	5,585'	5,586'	3	0'	7/31/2012	20/40 White:	138,722 lbs	15% HCL:	500 gals				
	5,595'	5,596'	3	1"	7/31/2012	Pad:	3,360 gals	Treating Fluid:	32,000 gals				
	5,613'	5,614'	3	1"	7/31/2012	Flush:	5,069 gals	Total Load to Rec:	40,929 gals				
	5,631'	5,632'	3	1"	7/31/2012	ISIP=	0.895 psi/ft	Max STP:	4,009 psi				
	5,641'	5,642'	3	1"	7/31/2012								
2	5,827'	5,828'	3	1"	7/31/2012	Formation:	CP-3 CP-2 CP-Half					KCL 7%	
	5,884'	5,886'	3	2"	7/31/2012	20/40 White:	34,667 lbs	15% HCL:	500 gals				
	6,012'	6,015'	3	3"	7/31/2012	Pad:	4,133 gals	Treating Fluid:	8,859 gals				
					Flush:	5,326 gals	Total Load to Rec:	18,817 gals					
					ISIP=	0.711 psi/ft	Max STP:	3,710 psi					
1	6,085'	6,087'	3	2"	7/27/2012	Formation:	CP-5 CP-4					KCL 7%	
	6,138'	6,139'	3	1"	7/27/2012	20/40 White:	53,849 lbs	15% HCL:	752 gals				
	6,144'	6,145'	3	1"	7/27/2012	Pad:	4,502 gals	Treating Fluid:	12,708 gals				
	6,156'	6,157'	3	1"	7/27/2012	Flush:	5,582 gals	Total Load to Rec:	23,544 gals				
					ISIP=	0.764 psi/ft	Max STP:	3,952 psi					



CEMENT	Surf	On 7/5/12 Baker cemented 8 5/8" casing w/ 160 aks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 4 bbls to the pit.
	Prod	On 7/13/12 Baker pumped 250 aks lead @ 11 ppg w/ 3.53 yield plus 480 aks tail @ 14.4 ppg w/ 1.24 yield. Returned 20bbls to the pit. TOC @ Surface.

5-1/2" Shoe @ 6386'  
 TVD @ 6303'  
 BHST = 190°F  
 MD @ 16411'

ATTACHMENT E-19

43-013-50729

# NEWFIELD



## GMBU X-6-9-16

Monument Butte - Duchesne County, Utah, USA

Surface location: NE/NW Sec 7, T8S, R16E; 681' FNL & 2077' FWL

6938' GL 10' KB

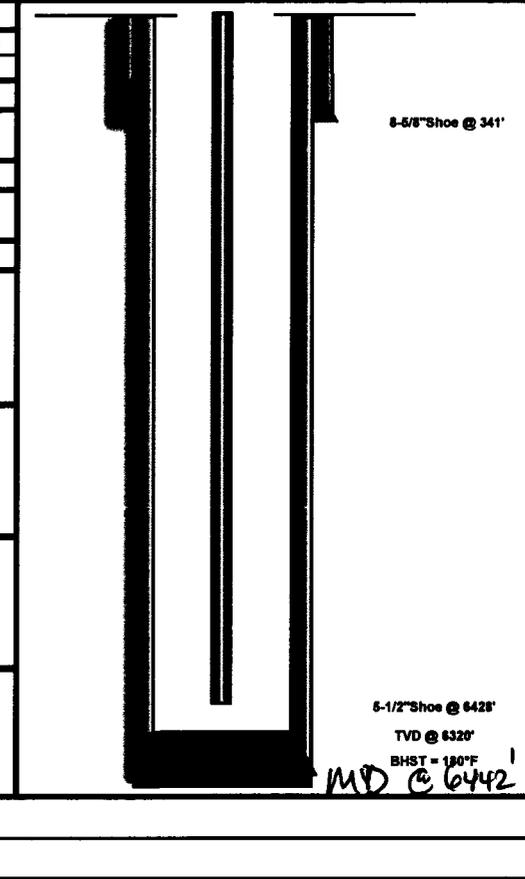
API#: 43-013-50729; Lease#: UTU-74390

Mickey Moulton

DLB 27/13

Spud Date: 12/3/11; PoP Date: 2/3/12

CASING DETAIL	Casing	Top	Bottom	Size	WT	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	341'	8.825"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6,428'	5.5"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TBG DETAIL	Top	Bottom	Coupling	Size	WL	Grade	Drift	Burst	Collapse	ID	Packer/Hanger/Anchor		
	10'	4,416'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	None, well is flowing		
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	N/A									N/A			
Stage	Top	Bottom	SPF	Gun Size	Date	Frac Summary							
4	4,461'	4,463'	3	2'	1/24/2012	Formation:	PB-10	GB-6					
	4,855'	4,858'	3	3'	1/24/2012	20/40 White:	30,004 lbs	16% HCL:	0 gals				
						Pad:	3,520 gals	Treating Fluid:	6,044 gals				
						Flush:	6,208 gals	Total Load to Rec:	15,772 gals				
						ISIP=	0.936 psi/ft	Max STP:	2,905 psi				
3	5,093'	5,096'	3	3'	1/24/2012	Formation:	C-Sand						
						20/40 White:	25,460 lbs	16% HCL:	472 gals				
						Pad:	1,936 gals	Treating Fluid:	6,030 gals				
						Flush:	5,099 gals	Total Load to Rec:	13,537 gals				
						ISIP=	0.855 psi/ft	Max STP:	3,476 psi				
2	5,491'	5,492'	3	1'	1/24/2012	Formation:	LODC	A-3					
	5,571'	5,572'	3	1'	1/24/2012	20/40 White:	114,520 lbs	16% HCL:	500 gals				
	5,593'	5,595'	3	2'	1/24/2012	Pad:	11,243 gals	Treating Fluid:	26,805 gals				
	5,605'	5,608'	3	3'	1/24/2012	Flush:	5,506 gals	Total Load to Rec:	43,854 gals				
						ISIP=	0.901 psi/ft	Max STP:	3,812 psi				
1	5,889'	5,890'	3	1'	1/24/2012	Formation:	CP-3	CP-2					
	5,895'	5,896'	3	1'	1/24/2012	20/40 White:	29,039 lbs	16% HCL:	753 gals				
	5,902'	5,903'	3	1'	1/24/2012	Pad:	7,375 gals	Treating Fluid:	13,007 gals				
	6,020'	6,022'	3	2'	1/24/2012	Flush:	4,712 gals	Total Load to Rec:	25,847 gals				
						ISIP=	0.763 psi/ft	Max STP:	3,432 psi				
CEMENT	Surf	On 12/21/11 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 1 bbis to the pit.											
	Prod	On 12/28/11 Baker pumped 270 sks lead @ 11 ppg w/ 3.53 yield plus 465 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 82 bbis to the pit. TOC @ 342'.											



MD @ 6442'

# Ashley Federal I-1-9-15

Spud Date: 6/6/2009  
 Put on Production: 7/17/2009  
 GL: 5881' KB: 5893'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts. (313.85')  
 DEPTH LANDED: 325.7'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

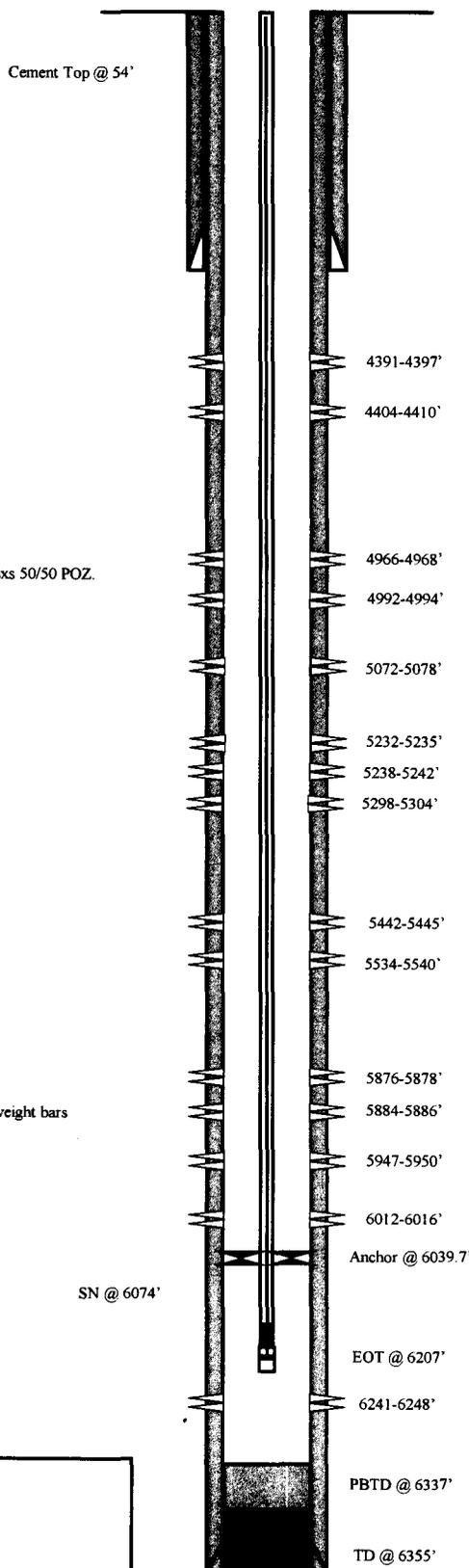
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 164 jts. (6352')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6351.75'  
 CEMENT DATA: 250 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 54'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 192 jts (6027.7')  
 TUBING ANCHOR: 6039.7'  
 NO. OF JOINTS: 1 jts (31.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6074' KB  
 NO. OF JOINTS: 1 jts (31.5'), 3 jts (93.4')  
 TOTAL STRING LENGTH: EOT @ 6207'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 30'  
 SUCKER RODS: 238 - 7/8" 8per guided rods, 4-1 1/2" weight bars  
 PUMP SIZE: 2 1/2 x 1 1/4 x 20' RHAC  
 STROKE LENGTH:  
 PUMP SPEED: SPM



### FRAC JOB

7-17-09	6241-6248'	<b>Frac CP5 sands as follows:</b> Frac with 29730# 20/40 sand in 178 bbls Lightning 17 fluid.
7-17-09	5876-6016'	<b>Frac CP.5, CP2, &amp; CP3 sands as follows:</b> Frac with 20694# 20/40 sand in 125 bbls Lightning 17 fluid.
7-17-09	5442-5540'	<b>Frac A3 &amp; LODC sands as follows:</b> Frac with 40705# 20/40 sand in 203 bbls Lightning 17 fluid.
7-17-09	5232-5304'	<b>Frac B1 &amp; B2 sands as follows:</b> Frac with 96407# 20/40 sand in 403 bbls Lightning 17 fluid.
7-17-09	4966-5078'	<b>Frac D1 &amp; D3 sands as follows:</b> Frac with 45629# 20/40 sand in 226 bbls Lightning 17 fluid.
7-17-09	4391-4410'	<b>Frac GB4 sands as follows:</b> Frac with 93569# 20/40 sand in 401 bbls Lightning 17 fluid.

### PERFORATION RECORD

6241-6248'	3 JSPF	21 holes
6012-6016'	3 JSPF	12 holes
5947-5950'	3 JSPF	9 holes
5884-5886'	3 JSPF	6 holes
5876-5878'	3 JSPF	6 holes
5534-5540'	3 JSPF	18 holes
5442-5445'	3 JSPF	9 holes
5298-5304'	3 JSPF	18 holes
5238-5242'	3 JSPF	12 holes
5232-5235'	3 JSPF	9 holes
5072-5078'	3 JSPF	18 holes
4992-4994'	3 JSPF	6 holes
4966-4968'	3 JSPF	6 holes
4404-4410'	3 JSPF	18 holes
4391-4397'	3 JSPF	18 holes

**NEWFIELD**

**Ashley Federal I-1-9-15**  
 1965' FNL & 643' FEL  
 SENE Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API # 43-013-33901; Lease #UTU-74826

43-013-51118

# NEWFIELD



## GMBU Q-6-9-16

Monument Butte - Duchesne County, Utah, USA

Surface Location: NE/8W - Sec 6, T8S, R16E; 1,948' FSL & 1,737' FWL

5,904' GL + 10' KB

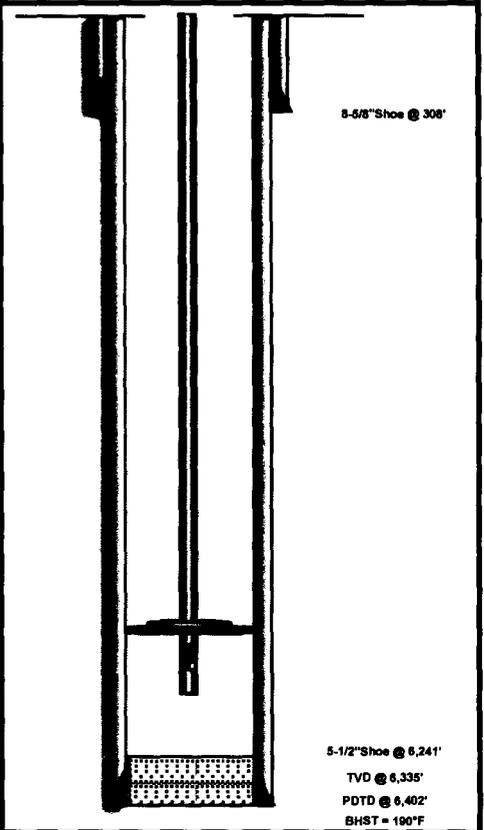
API#: 43-013-51118; Lease#: UTU-74390

Mickey Moulton

PFM 10/30/12

Spud Date: 7/14/12; PoP Date: 8/7/2012

CASING DETAIL	Casing	Top	Bottom	Size	Wt	Grade	Drift	Buret	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	308'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
	Prod	10'	6,421'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
TRG. DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5,636'	8EUE	2-7/8"	8.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	5,537'	
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod		0'	30'	1 1/2"	C(API)	30'	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 5,561'				
	Pony Rod		30'	36'	7/8"	C(API)	6'	1	26-175-RHAC-20-4-21-24 #NF1969				
	4per Guided Rod		36'	1,961'	7/8"	Tenaris D78	1,825'	77					
	4per Guided Rod		1,961'	4,861'	3/4"	Tenaris D78	2,900'	116					
	4per Guided Rod		4,861'	5,111'	7/8"	Tenaris D78	250'	10					
	8per Guided Rod		5,111'	5,561'	7/8"	Tenaris D78	450'	18					
Stage	Top	Bottom	SPF	Gun Size	Date	Frac Summary							
4	4,334'	4,335'	3	3"	7/31/2012	Formation:	GB-2	GB-4	GB-6	Base fluid is 7% KCl			
	4,367'	4,368'	3	3"	7/31/2012	20/40 White:	45,474 lbs	15% HCl:	500 gals				
	4,378'	4,379'	3	3"	7/31/2012	Pad:	2,831 gals	Treating Fluid:	9,965 gals				
	4,422'	4,432'	3	9"	7/31/2012	Flush:	4,833 gals	Load to Recover:	17,629 gals				
	0'	0'	3	0"	-	ISIP=	0.923 psi/ft	Max STP:	3,734 psi				
3	4,639'	4,641'	3	6"	7/31/2012	Formation:	PB-10	PB-11	Base fluid is 7% KCl				
	4,682'	4,685'	3	9"	7/31/2012	20/40 White:	25,708 lbs	18% HCl:	500 gals				
	0'	0'	3	0"	-	Pad:	3,175 gals	Treating Fluid:	5,814 gals				
	0'	0'	3	0"	-	Flush:	4,637 gals	Load to Recover:	13,626 gals				
	0'	0'	3	0"	-	ISIP=	0.892 psi/ft	Max STP:	3,516 psi				
2	4,940'	4,941'	3	3"	7/31/2012	Formation:	B-5	C-Sand	D-2	Base fluid is 7% KCl			
	4,948'	4,949'	3	3"	7/31/2012	20/40 White:	91,734 lbs	18% HCl:	500 gals				
	5,044'	5,045'	3	3"	7/31/2012	Pad:	3,398 gals	Treating Fluid:	20,624 gals				
	5,057'	5,058'	3	3"	7/31/2012	Flush:	4,938 gals	Load to Recover:	28,960 gals				
	5,112'	5,115'	3	9"	7/31/2012	ISIP=	0.862 psi/ft	Max STP:	3,757 psi				
1	5,454'	5,456'	3	6"	7/30/2012	Formation:	LODC	A-3	Base fluid is 7% KCl				
	5,532'	5,533'	3	3"	7/30/2012	20/40 White:	176,320 lbs	15% HCl:	500 gals				
	5,542'	5,543'	3	3"	7/30/2012	Pad:	4,456 gals	Treating Fluid:	39,077 gals				
	5,556'	5,557'	3	3"	7/30/2012	Flush:	5,452 gals	Load to Recover:	49,237 gals				
	0'	0'	3	0"	-	ISIP=	0.949 psi/ft	Max STP:	3,402 psi				
CEMENT	Surf	On 7/15/12 Baker cemented 8 5/8" casing w/ 180 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 6 bbls to the pit.											
	Prod	On 7/21/12 Baker pumped 240 sks lead @ 11 ppg w/ 3.53 yield plus 470 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 30bbls to the pit. TOC @ 159'.											



MDC@6407'



Schematic

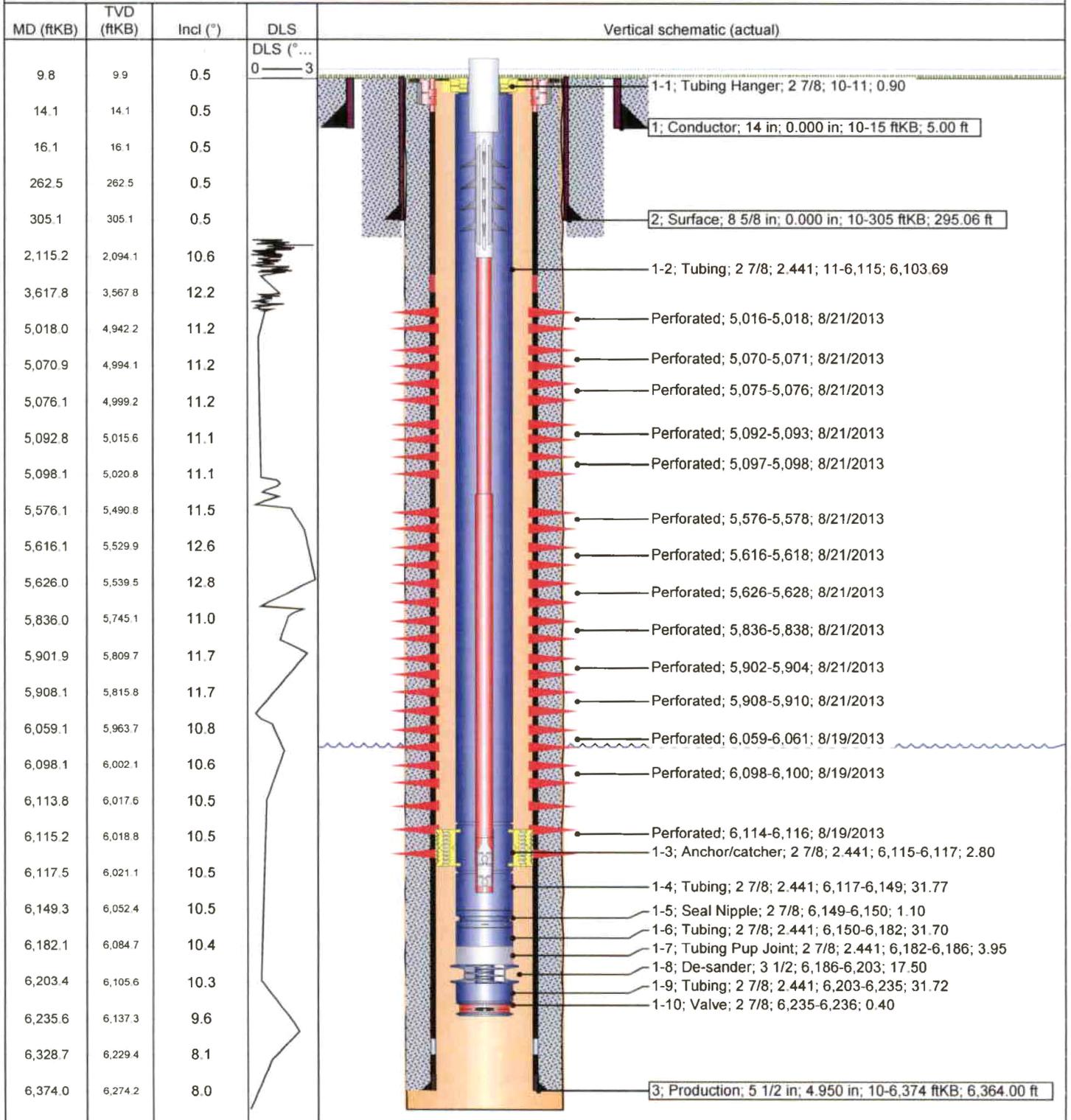
43-013-51766

Well Name: GMBU S-1-9-15

Surface Legal Location SWSE 820 FSL 1795 FEL Sec 1 T9S R15E Mer SLB		API/UWI 43013517660000	Well RC 500348129	Lease UTU74826	State/Province Utah	Field Name GMBU CTB2	County Duchesne
Spud Date 7/9/2013	Rig Release Date 8/8/2013	On Production Date 8/26/2013	Original KB Elevation (ft) 5,966	Ground Elevation (ft) 5,956	Total Depth All (TVD) (ftKB) Original Hole - 6,290.1	PBDT (All) (ftKB) Original Hole - 6,327.0	

Most Recent Job				
Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 8/15/2013	Job End Date 8/26/2013

TD: 6,390.0 Slant - Original Hole, 4/24/2014 2:38:41 PM





Schematic

43-013-51767

Well Name: GMBU R-1-9-15

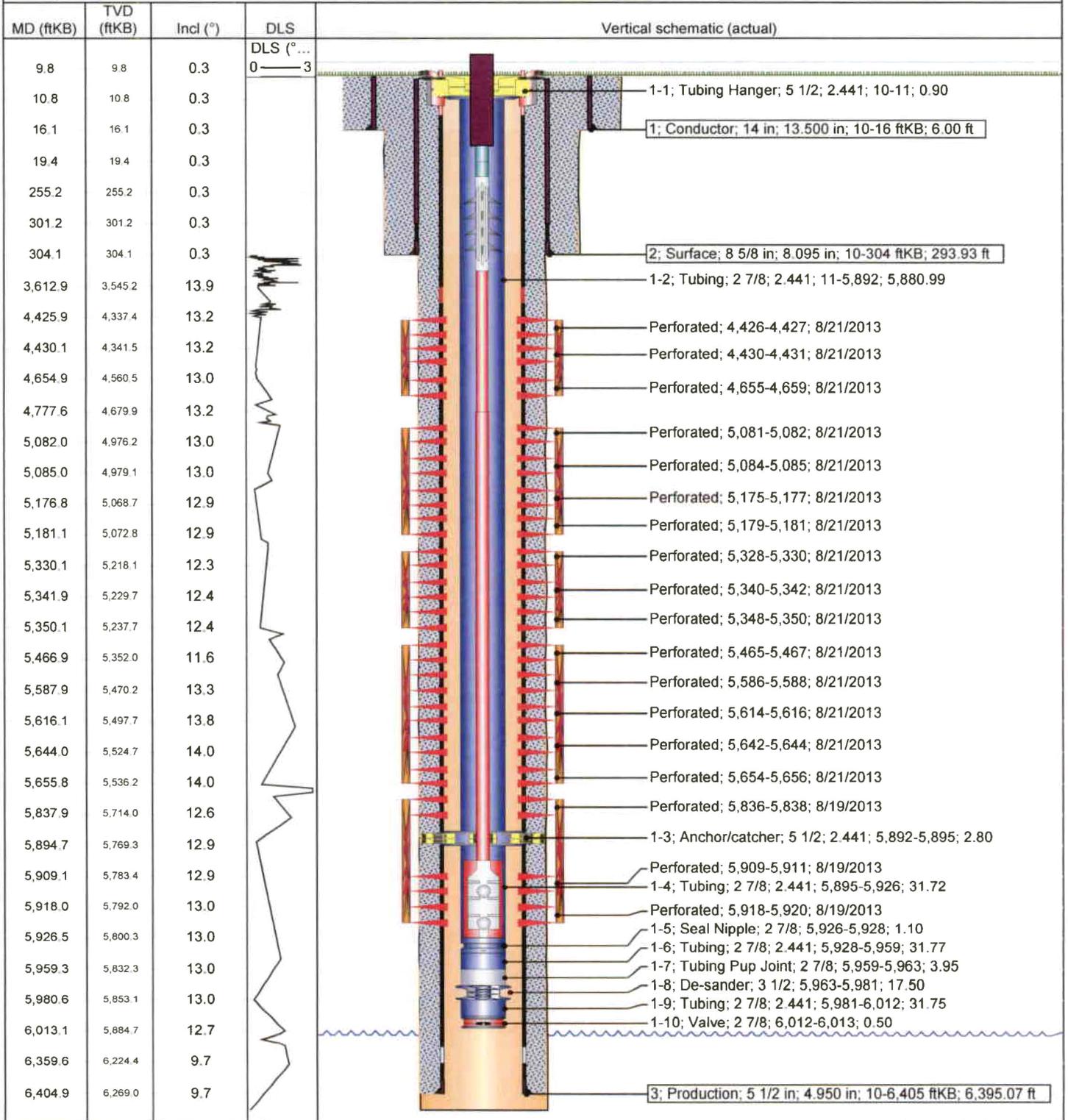
Surface Legal Location SWSE 840 FSL 1801 FEL Sec 1 T9S R15E Mer SLB		API/UWI 43013517670000	Well RC 500348127	Lease UTU74826	State/Province Utah	Field Name GMBU CTB2	County Duchesne
Spud Date 7/10/2013	Rig Release Date 8/12/2013	On Production Date 8/28/2013	Original KB Elevation (ft) 5,966	Ground Elevation (ft) 5,956	Total Depth All (TVD) (ftKB) Original Hole - 6,280.0	PBD (All) (ftKB) Original Hole - 6,358.0	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 8/15/2013	Job End Date 8/28/2013
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TD: 6,416.0

Slant - Original Hole, 4/24/2014 2:37:34 PM



43-013-51769

Well Name: GMBU L-1-9-15

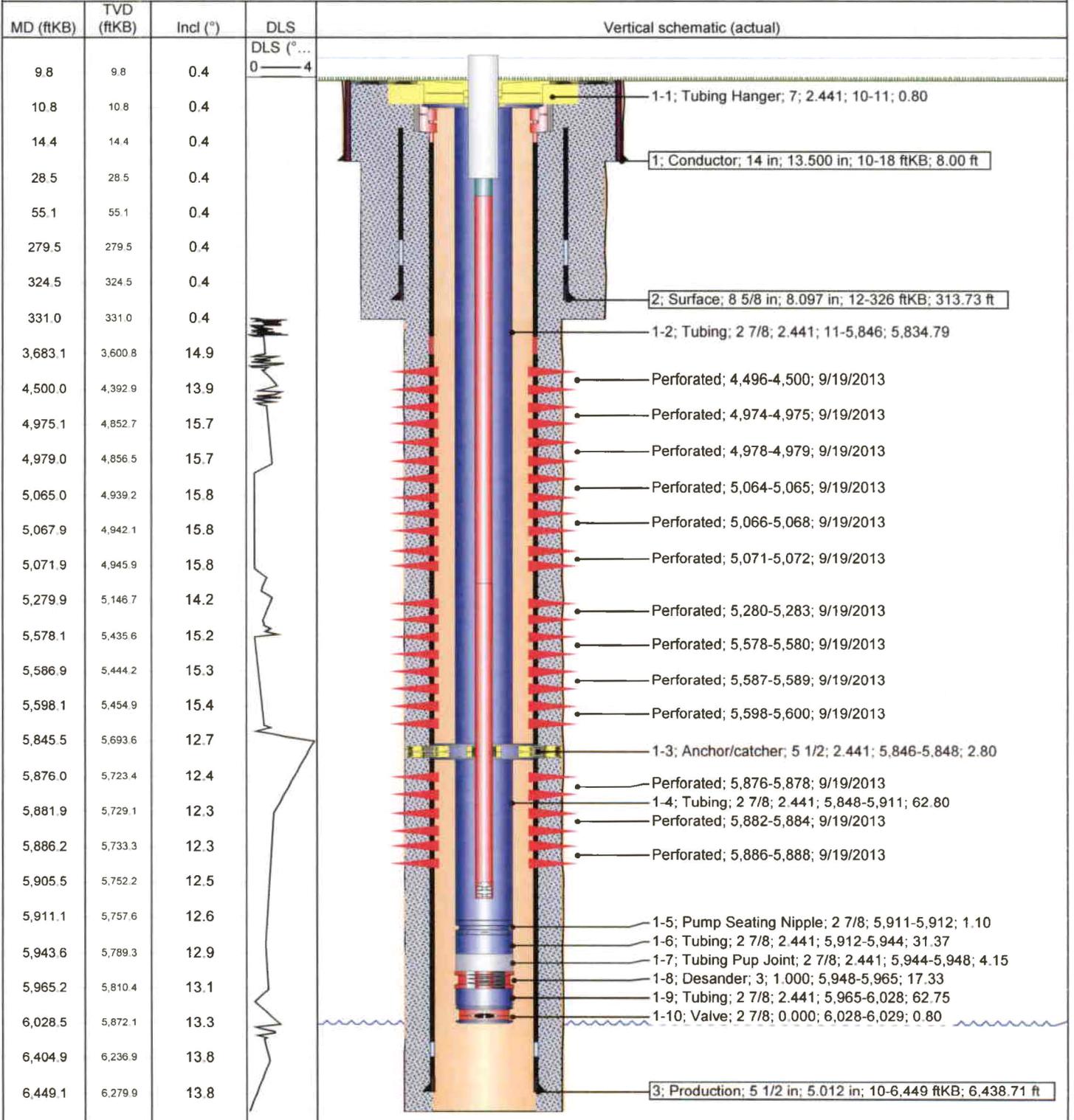
Surface Legal Location SWNE 1814 FNL 2084 FEL Sec 1 T9S R15E Mer SLB		API/UWI 43013517690000	Well RC 500346986	Lease UTU74826	State/Province Utah	Field Name MYTON AREA	County Duchesne
Spud Date 7/15/2013	Rig Release Date 8/16/2013	On Production Date 9/25/2013	Original KB Elevation (ft) 5,909	Ground Elevation (ft) 5,899	Total Depth All (TVD) (ftKB) Original Hole - 6,290.5	PBTD (All) (ftKB) Original Hole - 6,403.0	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 9/4/2013	Job End Date 9/25/2013
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TD: 6,460.0

Slant - Original Hole, 4/24/2014 2:36:21 PM





Schematic

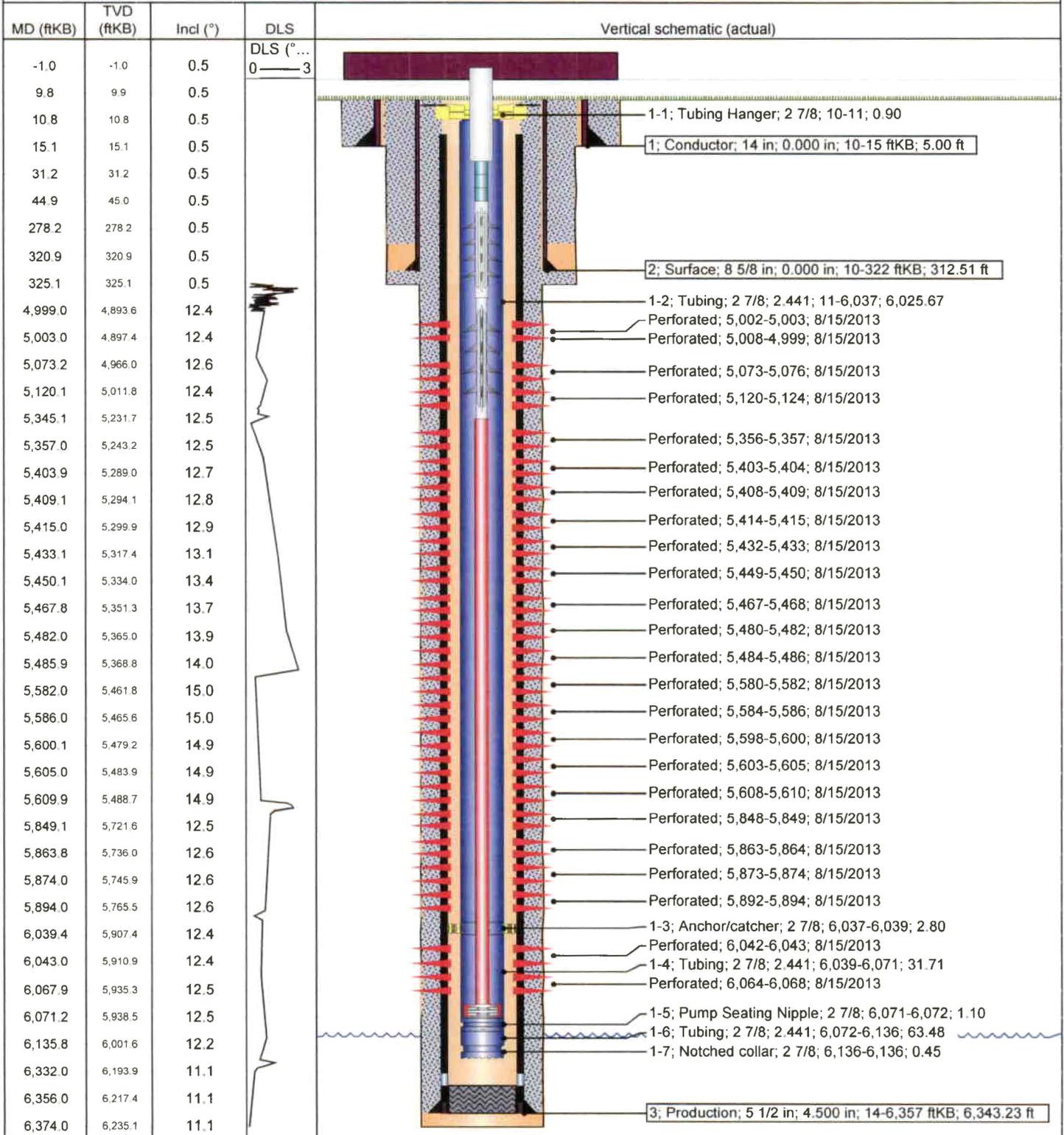
43-013-51775

Well Name: GMBU B-12-9-15

Surface Legal Location 824 FSL 711 FEL, SE/SE Sec 12 T9S R15E		API/UWI 43013517750000	Well RC 500346992	Lease UTU74826	State/Province Utah	Field Name GMBU CTB2	County Duchesne
Spud Date 7/25/2013	Rig Release Date 8/4/2013	On Production Date	Original KB Elevation (ft) 5,964	Ground Elevation (ft) 5,954	Total Depth All (TVD) (ftKB) Original Hole - 6,235.1	PBDT (All) (ftKB)	

Most Recent Job					
Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 8/20/2013	Job End Date	

TD: 6,374.0 Slant - Original Hole, 4/24/2014 2:40:25 PM



43-013-51776

**NEWFIELD**

**GMBU A-12-9-15**

Monument Butte - Duchesne County; Utah, USA

Surface Legal Location: Lot 7 Section 6, T9S, R16E, 669' FSL & 653' FWL

Elevation: 5932' GL + 10' KB

API Number: 43-013-51776; Lease Number: UTU-74380

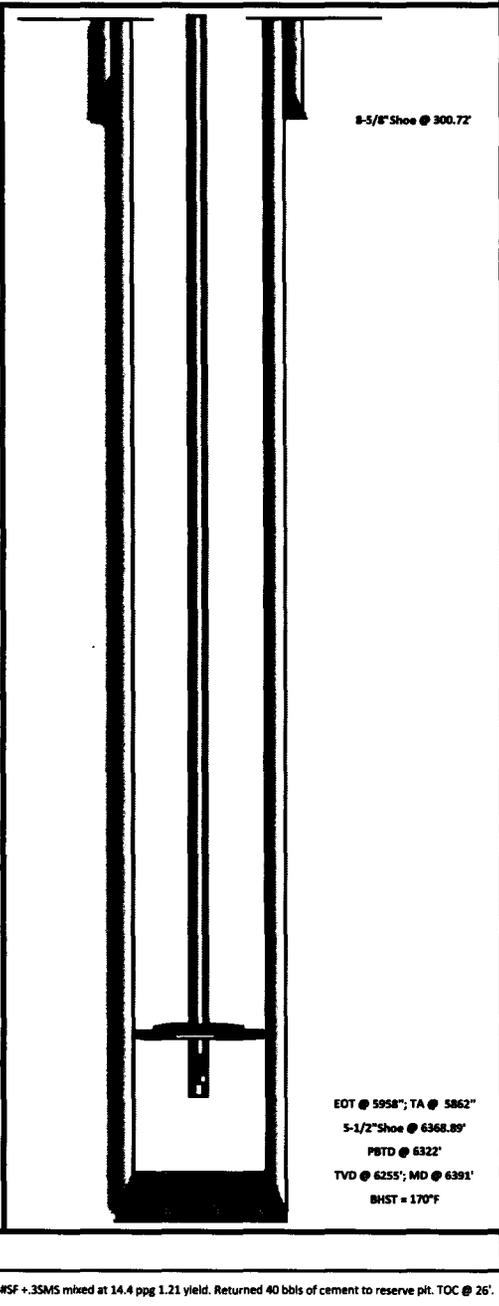
Paul Lambkin

PFM 7/30/2013

Spud Date: 7/8/2013

PoP Date: 8/14/2013

CASING DETAIL		Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	301'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8,097"	2,6749	STC	12.250	
	Prod	10'	6,369'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TUBING DETAIL		Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5958'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5862'			
ROD DETAIL		Component	Top	Bottom	Size	Grade	Length	Count	Pump					
	Polish Rod	0'	30'	1 1/2"	30	1	Insert Pump: 2.5" Max ID x 1.75" Plunger RHAC @ 5886'; Central Hyd WNF2513							
	Pony Rod	30'	32'	7/8"	Tenaris D78	2	1							
	Pony Rod	32'	36'	7/8"	Tenaris D78	4	1							
	APER Guided Rod	36'	1,886'	7/8"	Tenaris D78	1850	74							
	APER Guided Rod	1,886'	5,136'	3/4"	Tenaris D78	3250	130							
	APER Guided Rod	5,136'	5,886'	7/8"	Tenaris D78	750	30							
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary								
5	0'	0'	2	-	-	Formation:	D2	D1						
	0'	0'	2	-	-	Max. Slurry Rate:	25 BPM	20/40 Premium White:	31,500 lbs					
	0'	0'	2	-	-	Max. Pressure:	4,208 psi	Total Proppant:	31,500 lbs					
	0'	0'	2	-	-	15% HCl Acid:	0 gal	ISIP:	1,947 psi					
	0'	0'	2	-	-	Slackwater:	6,351.000 gal							
	4,884'	4,886'	2	0.34	8/8/2013	17# Delta 140:	9,108 gal							
4,976'	4,980'	2	0.34	8/8/2013	Total Fluid:	15,459 gal								
4	0'	0'	2	-	-	Formation:	B2	B-Half	C-Sand					
	0'	0'	2	-	-	Max. Slurry Rate:	33 BPM	20/40 Premium White:	48,100 lbs					
	0'	0'	2	-	-	Max. Pressure:	3,971 psi	Total Proppant:	48,100 lbs					
	5,055'	5,056'	2	0.34	8/8/2013	15% HCl Acid:	500 gal	ISIP:	2,240 psi					
	5,099'	5,100'	2	0.34	8/8/2013	Slackwater:	7,934.000 gal							
	5,110'	5,112'	2	0.34	8/8/2013	17# Delta 140:	12,593 gal							
5,172'	5,176'	2	0.34	8/8/2013	Total Fluid:	21,027 gal								
3	0'	0'	2	-	-	Formation:	A3	A1						
	0'	0'	2	-	-	Max. Slurry Rate:	25 BPM	20/40 Premium White:	30,700 lbs					
	0'	0'	2	-	-	Max. Pressure:	4,265 psi	Total Proppant:	30,700 lbs					
	0'	0'	2	-	-	15% HCl Acid:	750 gal	ISIP:	2,292 psi					
	5,268'	5,270'	2	0.34	8/8/2013	Slackwater:	7,513.000 gal							
	5,349'	5,351'	2	0.34	8/8/2013	17# Delta 140:	8,950 gal							
5,353'	5,355'	2	0.34	8/8/2013	Total Fluid:	17,213 gal								
2	5,437'	5,438'	2	0.34	8/8/2013	Formation:	LODC							
	5,450'	5,451'	2	0.34	8/8/2013	Max. Slurry Rate:	37 BPM	20/40 Premium White:	231,200 lbs					
	5,486'	5,488'	2	0.34	8/8/2013	Max. Pressure:	4,195 psi	Total Proppant:	231,200 lbs					
	5,502'	5,503'	2	0.34	8/8/2013	15% HCl Acid:	500 gal	ISIP:	3,888 psi					
	5,512'	5,513'	2	0.34	8/8/2013	Slackwater:	8,872 gal							
	5,521'	5,522'	2	0.34	8/8/2013	17# Delta 140:	58,312.000 gal							
	5,577'	5,578'	2	0.34	8/8/2013	Total Fluid:	67,684 gal							
	5,586'	5,588'	2	0.34	8/8/2013									
1	0'	0'	2	-	-	Formation:	CP2	CP1						
	0'	0'	2	-	-	Max. Slurry Rate:	25 BPM	20/40 Premium White:	31,000 lbs					
	0'	0'	2	-	-	Max. Pressure:	3,390 psi	Total Proppant:	31,000 lbs					
	0'	0'	2	-	-	15% HCl Acid:	750 gal	ISIP:	2,262 psi					
	5,832'	5,834'	2	0.34	8/7/2013	Slackwater:	9,207.000 gal							
	5,878'	5,880'	2	0.34	8/7/2013	17# Delta 140:	8,310 gal							
5,882'	5,884'	2	0.34	8/7/2013	Total Fluid:	18,267 gal								
CEMENT	Surf	On 7/9/13 cement w/Pro Petro w/175 sks of class G+2%KCl+.25%CF mixed @ 15.8ppg and 1.17 yield. Returned 7 bbls to pit.												
	Prod	On 7/24/13 Halliburton Pump 310 sacks PL11+3%KCl+.5%CE+.5CF+.6%KCl+.5SMS+FP+S mixed at 11 ppg and 3.38 yield. Then 460 sacks 50:50:2+3%KCl+.5%CE-1+.25CF+.05%SF+.3SMS mixed at 14.4 ppg 1.21 yield. Returned 40 bbls of cement to reserve pit. TOC @ 26'.												



EOT @ 5958'; TA @ 5862'  
 5-1/2" Shoe @ 6368.89'  
 PBTD @ 6322'  
 TVD @ 6255'; MD @ 6391'  
 BHST = 170°F

43-013-51778

# NEWFIELD

GMBU P-6-9-16

Monument Butte - Duchesne County; Utah, USA

Surface Legal Location: SE/SE Section 1, T9S, R15E; 804' FSL & 702' FWL

Elevation: 5954' GL + 10' KB

API Number: 43-013-51778; Lease Number: UTU-74826

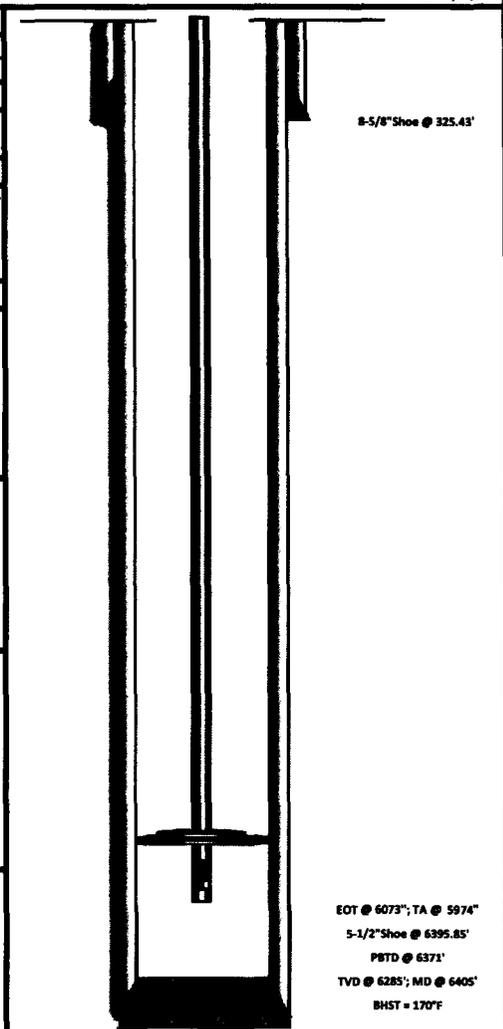
Paul Lambick

PFM 8/8/2013

Spud Date: 7/23/2013

Pop Date: 8/27/2013

Casing Detail	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	325'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6,396'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
Tubing Detail	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	6073'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	5974'	
Rod Detail	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod		0'	30'	1 1/2"	C(API)	30	1	Insert Pump: 2.5" Max ID x 1.75" Plunger RHBC @ 6005'				
	Aper Guided Rod		30'	2,055'	7/8"	Tenaris D78	2025	81					
	Aper Guided Rod		2,055'	5,255'	3/4"	Tenaris D78	3200	128					
	Bper Guided Rod		5,255'	6,005'	7/8"	Tenaris D78	750	30					
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
4	0'	0'	3	-	-	Formation: B-Hall							
	0'	0'	3	-	-	Max. Slurry Rate:		19 BPM	20/40 Premium White:		25,950 lbs		
	0'	0'	3	-	-	Max. Pressure:		3,885 psi	Total Proppant:		25,950 lbs		
	0'	0'	3	-	-	15% HCl Acid:		500 gal	ISIP:		n/a psi		
	0'	0'	3	-	-	Slickwater:		9,158,000 gal					
	0'	0'	3	-	-	17# Delta 140:		5,853 gal					
	5,147'	5,150'	3	0.34	8/23/2013	Total Fluid:		15,511 gal					
8	0'	0'	2	-	-	Formation: A1							
	0'	0'	2	-	-	Max. Slurry Rate:		25 BPM	20/40 Premium White:		29,100 lbs		
	0'	0'	2	-	-	Max. Pressure:		4,007 psi	Total Proppant:		29,100 lbs		
	0'	0'	2	-	-	15% HCl Acid:		500 gal	ISIP:		n/a psi		
	5,326'	5,328'	2	0.34	8/23/2013	Slickwater:		3,209,000 gal					
	5,330'	5,332'	2	0.34	8/23/2013	17# Delta 140:		9,292 gal					
	5,344'	5,346'	2	0.34	8/23/2013	Total Fluid:		13,001 gal					
2	5,527'	5,528'	2	0.34	8/23/2013	Formation: LODC							
	5,537'	5,538'	2	0.34	8/23/2013	Max. Slurry Rate:		41 BPM	20/40 Premium White:		217,000 lbs		
	5,548'	5,549'	2	0.34	8/23/2013	Max. Pressure:		3,438 psi	Total Proppant:		217,000 lbs		
	5,561'	5,562'	2	0.34	8/23/2013	15% HCl Acid:		750 gal	ISIP:		3,354 psi		
	5,575'	5,576'	2	0.34	8/23/2013	Slickwater:		19,118 gal					
	5,579'	5,580'	2	0.34	8/23/2013	17# Delta 140:		61,603 gal					
	5,595'	5,596'	2	0.34	8/23/2013	Total Fluid:		81,471,000 gal					
	5,605'	5,606'	2	0.34	8/23/2013								
	5,618'	5,620'	2	0.34	8/23/2013								
1	0'	0'	3	-	-	Formation: CP3							
	0'	0'	3	-	-	Max. Slurry Rate:		25 BPM	20/40 Premium White:		21,000 lbs		
	0'	0'	3	-	-	Max. Pressure:		3,275 psi	Total Proppant:		21,000 lbs		
	0'	0'	3	-	-	15% HCl Acid:		750 gal	ISDP:		2,099 psi		
	0'	0'	3	-	-	Slickwater:		3,552,000 gal					
	6,003'	6,005'	3	0.34	8/16/2013	17# Delta 140:		5,975 gal					
	6,010'	6,012'	3	0.34	8/16/2013	Total Fluid:		10,277 gal					



CEMENT	Surf	On 7/25/13 cement w/Pro Petro w/200 sks of class G+2%KCl+.25#CF mixed @ 15.8ppg and 1.17 yield. Returned 10 bbls to pit.
	Prod	On 8/1/13 Halliburton Pump 270 sacks PL11+3%KCL+5#CSE+.5CF+5#KOL+.55MS+FP+5 mixed at 11 ppg and 3.38 yield. Then 460 sacks 50:50:2+3%KCL+.5#EC-1+.25CF+.05#SF+.35MS mixed at 14.4 ppg 1.21 yield. Returned 12 bbls of cement to reserve pit. TOC @ 1'.

# ATTACHMENT F

1 of 4

multi-chem

A HALLIBURTON SERVICE

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

Well Name: **W POINT 12-8-9-16**

Sample Point: **Separator**

Sample Date: **2/5/2013**

Sample ID: **WA-233518**

Sales Rep: **Michael McBride**

Lab Tech: **Gary Peterson**

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	2/14/2013	Cations		Anions	
		mg/L		mg/L	
System Temperature 1 (°F):	120.00	Sodium (Na):	3267.55	Chloride (Cl):	5000.00
System Pressure 1 (psig):	60.0000	Potassium (K):	14.00	Sulfate (SO4):	38.00
System Temperature 2 (°F):	210.00	Magnesium (Mg):	4.80	Bicarbonate (HCO3):	134.40
System Pressure 2 (psig):	60.0000	Calcium (Ca):	15.30	Carbonate (CO3):	
Calculated Density (g/ml):	1.003	Strontium (Sr):		Acetic Acid (CH3COO)	
pH:	7.90	Barium (Ba):	25.00	Propionic Acid (C2H5COO)	
Calculated TDS (mg/L):	8499.75	Iron (Fe):	0.80	Butanoic Acid (C3H7COO)	
CO2 in Gas (%):		Zinc (Zn):	0.04	Isobutyric Acid ((CH3)2CHCOO)	
Dissolved CO2 (mg/L):	40.00	Lead (Pb):	0.04	Fluoride (F):	
H2S in Gas (%):		Ammonia NH3:		Bromine (Br):	
H2S in Water (mg/L):	5.00	Manganese (Mn):	0.02	Silica (SiO2):	

Notes:

(PTB = Pounds per Thousand Barrels)

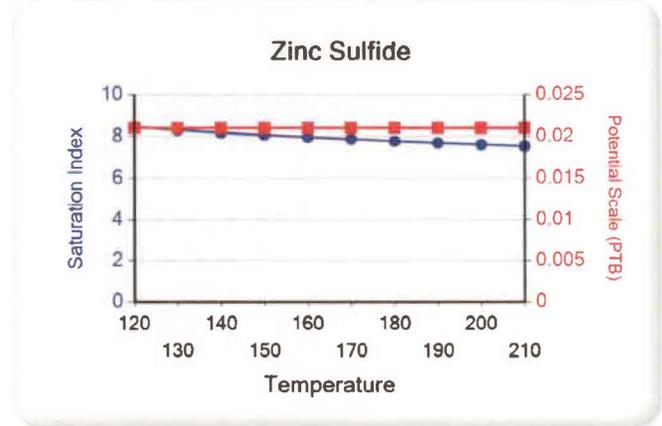
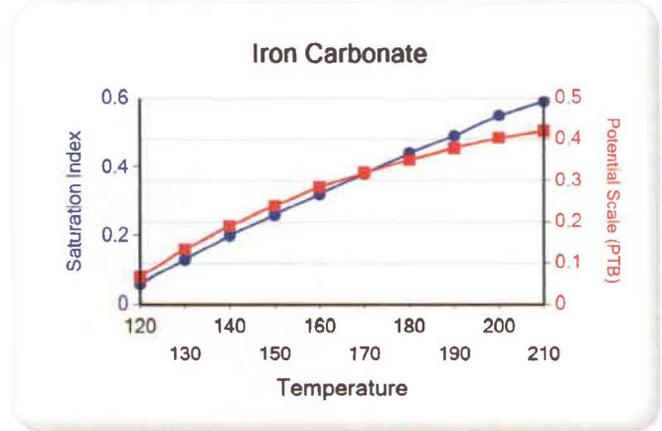
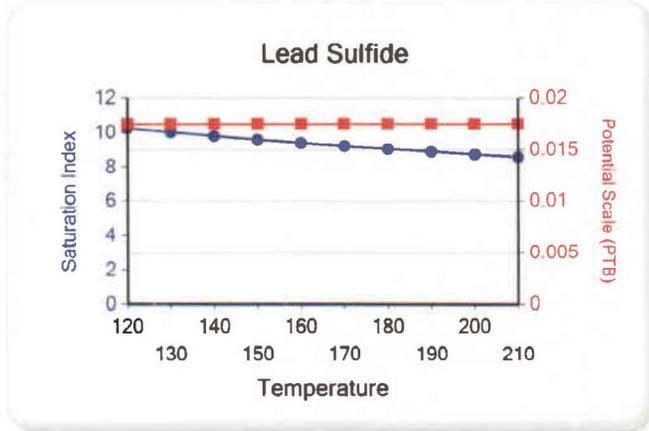
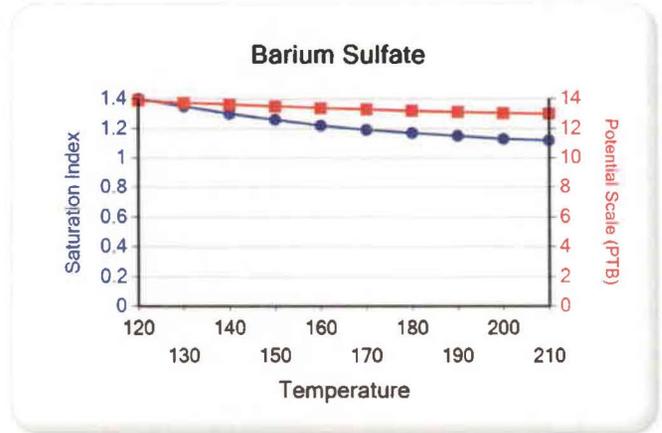
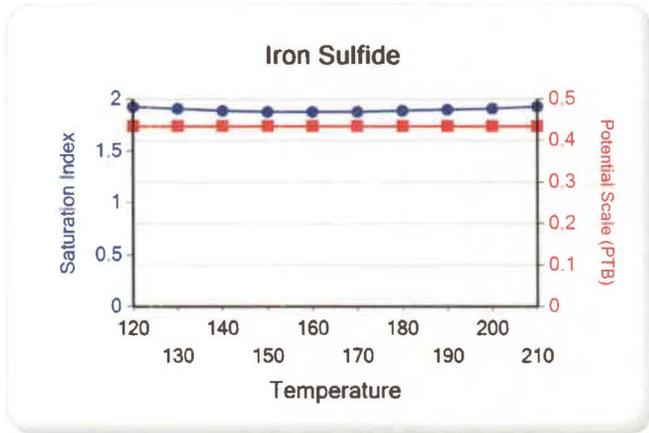
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4 2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	1.12	12.99	1.93	0.43	0.59	0.42	0.00	0.00	0.00	0.00	0.00	0.00	7.52	0.02
200.00	60.00	0.00	0.00	1.13	13.04	1.91	0.43	0.55	0.40	0.00	0.00	0.00	0.00	0.00	0.00	7.60	0.02
190.00	60.00	0.00	0.00	1.15	13.11	1.90	0.43	0.49	0.38	0.00	0.00	0.00	0.00	0.00	0.00	7.68	0.02
180.00	60.00	0.00	0.00	1.17	13.18	1.89	0.43	0.44	0.35	0.00	0.00	0.00	0.00	0.00	0.00	7.77	0.02
170.00	60.00	0.00	0.00	1.19	13.27	1.88	0.43	0.38	0.32	0.00	0.00	0.00	0.00	0.00	0.00	7.87	0.02
160.00	60.00	0.00	0.00	1.22	13.38	1.88	0.43	0.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00	7.97	0.02
150.00	60.00	0.00	0.00	1.26	13.49	1.88	0.43	0.26	0.24	0.00	0.00	0.00	0.00	0.00	0.00	8.08	0.02
140.00	60.00	0.00	0.00	1.30	13.61	1.89	0.43	0.20	0.19	0.00	0.00	0.00	0.00	0.00	0.00	8.19	0.02
130.00	60.00	0.00	0.00	1.35	13.74	1.91	0.43	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	8.32	0.02
120.00	60.00	0.00	0.00	1.40	13.87	1.93	0.43	0.06	0.07	0.00	0.00	0.00	0.00	0.00	0.00	8.45	0.02

Temp (°F)	PSI	Hemihydrate CaSO4 0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.58	0.02	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.73	0.02	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.89	0.02	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.22	0.02	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.41	0.02	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.02	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.81	0.02	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.26	0.02	0.00	0.00	0.00	0.00	0.00	0.00

### Water Analysis Report

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

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



Units of Measurement: **Standard**

### Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**  
 Well Name: **ASHLEY INJECTION**  
 Sample Point: **After Filters**  
 Sample Date: **11/28/2012**  
 Sample ID: **WA-229120**

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

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	11/28/2012	Sodium (Na):	4326.55	Chloride (Cl):	6000.00
System Temperature 1 (°F):	120.00	Potassium (K):	56.00	Sulfate (SO4):	280.00
System Pressure 1 (psig):	2000.0000	Magnesium (Mg):	16.90	Bicarbonate (HCO3):	1112.00
System Temperature 2 (°F):	210.00	Calcium (Ca):	41.20	Carbonate (CO3):	
System Pressure 2 (psig):	2000.0000	Strontium (Sr):		Acetic Acid (CH3COO)	
Calculated Density (g/ml):	1.005	Barium (Ba):	2.10	Propionic Acid (C2H5COO)	
pH:	8.20	Iron (Fe):	4.80	Butanoic Acid (C4H7COO)	
Calculated TDS (mg/L):	11840.06	Zinc (Zn):	0.34	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO2 (mg/L):	11.80	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.17	Silica (SiO2):	
H2S in Water (mg/L):	0.00				

**Notes:**

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4 2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	1.36	31.13	0.67	0.98	0.00	0.00	2.46	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	1.31	30.38	0.68	0.99	0.00	0.00	2.41	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	1.26	29.58	0.70	1.00	0.00	0.00	2.35	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	1.21	28.71	0.72	1.01	0.00	0.00	2.30	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	1.16	27.79	0.75	1.03	0.00	0.00	2.24	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	1.11	26.84	0.78	1.04	0.00	0.00	2.19	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	1.07	25.86	0.82	1.06	0.00	0.00	2.13	3.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	1.02	24.88	0.86	1.08	0.00	0.00	2.07	3.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.98	23.89	0.91	1.10	0.00	0.00	2.01	3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.95	22.92	0.96	1.11	0.00	0.00	1.95	3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO4*0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

# ATTACHMENT F

4 of 4

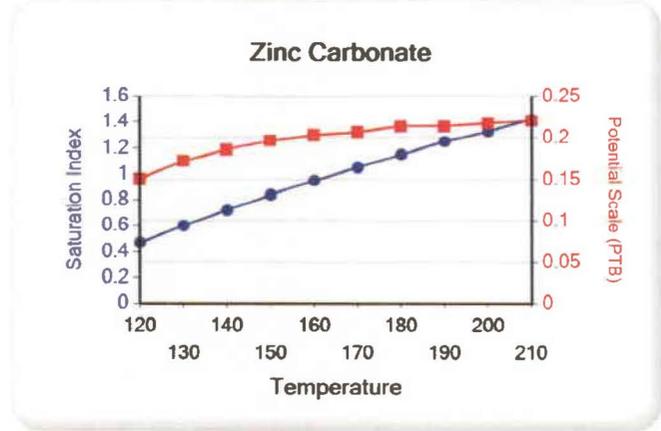
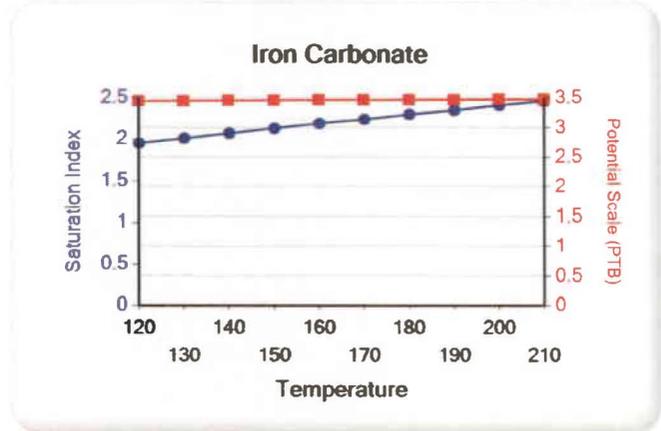
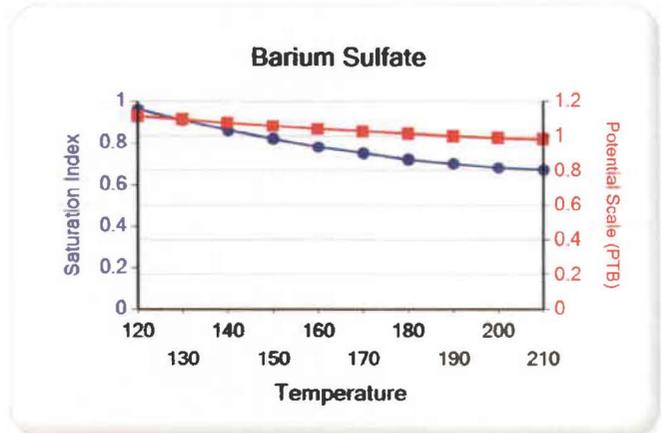
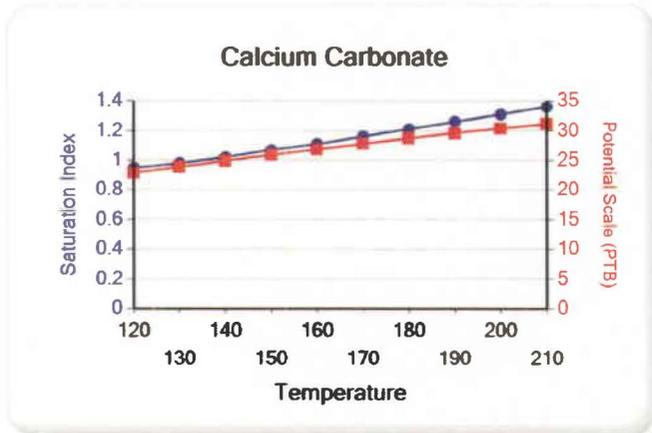
Multi-Chem Analytical Laboratory  
 1553 East Highway 40  
 Vernal, UT 84078

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 A HALLIBURTON SERVICE

## Water Analysis Report

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

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



**Attachment "G"**

**West Point #12-6-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5938	5976	5957	2400	0.84	2361
5756	5658	5707	2350	0.84	2313
5472	5530	5501	2351	0.86	2315
5407	5240	5324	3250	1.03	3215
5125	5142	5134	1650	0.75	1617 ←
4572	4584	4578	2520	0.98	2490
4343	4350	4347	2160	0.93	2132
4286	4296	4291	2575	1.03	<u>2547</u>
<b>Minimum</b>					<u>1617</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.



DAILY COMPLETION REPORT

WELL NAME: West Point 12-6-9-16 Report Date: 2/1/01 Day: 01  
Operation: New Completion Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" 15.5# @ 5999' Csg PBDT: 5978'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EQT @: 0 BP/Sand PBDT: 5978'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots

CHRONOLOGICAL OPERATIONS

Date Work Performed: 31-Jan-01 SITP: SICP: 0

MIRU KES #965. Install 5M frac head. NU 5M BOP. Pressure test csg, blind rams, csg valves & frac head seal to 3000 psi. Talley, drift, PU & TIH W/ 4 3/4 bit, 5 1/2 csg scraper & 184 jts 2 7/8 8rd 6.5# J-55 tbg. Tbg displaced 14 BW or TIH. Circ & rotate tbg on btm trying to gain rathole (didn't gain any hole). Circ hole clean. Tbg PBDT @ 5978'. Pul EOT to 5953'. RU swab equip. Swab FL dn to 4200'. Rec 91 BTF. TOH W/ tbg. LD bit & scraper. SIFN W/ est 37 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 142 Starting oil rec to date: 0  
Fluid lost/recovered today: 105 Oil lost/recovered today: 0  
Ending fluid to be recovered: 37 Cum oil recovered: 0  
IFL: sfc FFL: 4200' FTP: Choke: Final Fluid Rate: Final oil cut: 0

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type: KES rig  
Company: BOP  
Procedure or Equipment detail: Trucking  
Tbg  
Tbg head  
Loc preparation  
Treat-O-Clay  
CBL  
Water & truck  
HO trk  
IPC Supervision  
Drilling cost

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

Completion Supervisor: Gary Dietz

DAILY COST: \$0  
TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: West Point 12-6-9-16 Report Date: 2/2/01 Day: 02  
Operation: New Completion Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" 15.5# @ 5999' Csg PBDT: 5978'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EQT @: 0 BP/Sand PBDT: 5978'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP 4 sds	5938-5950'	4/48			
CP 4 sds	5972-5976'	4/16			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1-Feb-01 SITP: SICP: 0

NU BJ Services "Ram head" flange. RU Schlumberger and perf CP 4 sds @ 5938-50' & 5972-76' W/ 4 JSPF. 1 run RU BJ Services and frac CP4 sds W/ 73,750# 20/40 sand in 590 bbls Viking I-25 fluid. Perfs broke dn @ 4059 psi Treated @ ave press of 1950 psi W/ ave rate of 28 BPM. ISIP-2400 psi. Leave pressure on well. Est 627 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 37 Starting oil rec to date: 0  
Fluid lost/recovered today: 590 Oil lost/recovered today: 0  
Ending fluid to be recovered: 627 Cum oil recovered: 0  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac  
Company: BJ Services

Procedure or Equipment detail: CP 4 sands  
6500 gals of pad  
3500 gals W/ 1-5 ppg of 20/40 sand  
6500 gals W/ 5-8 ppg of 20/40 sand  
2390 gals W/ 8 ppg of 20/40 sand  
Flush W/ 5880 gals of slick water

COSTS

KES rig  
BOP  
Schlumberger-CP sds  
BJ Services-CP sds  
Frac wtr  
Fuel gas (+/- 32 mcf)  
IPC Supervision

Max TP: 2820 Max Rate: 31.4 BPM Total fluid pmpd: 590 bbls  
Avg TP: 1950 Avg Rate: 28 BPM Total Prop pmpd: 73,750#  
ISIP: 2400 5 min: 10 min: 15 min:

Completion Supervisor: Gary Dietz

DAILY COST: \$0  
TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: West Point 12-6-9-16 Report Date: 2/2/01 Day: 02  
Operation: New Completion Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" 15.5# @ 5999' Csg PBTD: 5978'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 5850'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC 1 sds	5653-5658'	4/20			
LDC 1 sds	5662-5676'	4/56			
CP .5 sds	5756-5762'	4/24			
CP 4 sds	5938-5950'	4/48			
CP 4 sds	5972-5976'	4/16			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1-Feb-01 SITP: \_\_\_\_\_ SICP: 2400

RU Schlumberger and run 5 1/2" RBP & 4" perf guns. Set plug @ 5850'. Bleed pressure off well. Rec 2 BW. Perf CF .5 sds @ 5756-62'; Perf LDC 1 sds @ 5662-76' & 5653-58'. All 4 JSPF. 2 runs total. RD WLT. TIH W/ 5 1/2" HD pkr 8 tbg. Set pkr @ 5721'. Tbg displaced 13 BW on TIH. Breakdn perfs 5756-62' (dn tbg) @ 4900 psi. Establish injection rate of 2.3 BPM @ 2500 psi. Breakdn perfs 5653' through 5676' (dn csg) @ 3600 psi. Establish injection rate of 4.1 BPM @ 3000 psi. Lost 2 BW. Release pkr. TOH W/ tbg. LD pkr. RU BJ Services and frac CP/LDC sds W/ 140,500# 20/40 sanc in 941 bbls Viking I-25 fluid. Treated @ ave press of 2480 psi W/ ave rate of 30.4 BPM. ISIP-2350 psi. RD BJ. Star immediate flowback of CP/LDC frac on 12/64 choke @ 1 BPM. Zone flowed 5 1/2 hrs & died. Rec 300 BTF (est 32% o frac load). SIFN W/ est 1255 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 627 Starting oil rec to date: 0  
Fluid lost/recovered today: 628 Oil lost/recovered today: 0  
Ending fluid to be recovered: 1255 Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: 12/64 Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac  
Company: BJ Services  
Procedure or Equipment detail: CP/LDC 1 sands  
10500 gals of pad  
8000 gals W/ 1-5 ppg of 20/40 sand  
13000 gals W/ 5-8 ppg of 20/40 sand  
2436 gals W/ 8 ppg of 20/40 sand  
Flush W/ 5586 gals of slick water

COSTS

KES rig  
BOP  
Schlum--CP/LDC sds  
BJ --CP/LDC sds  
Frac wtr  
Fuel gas (+/- 64 mcf)  
Packer rental  
IPC Supervision

Max TP: 3435 Max Rate: 30.6 BPM Total fluid pmpd: 941 bbls  
Avg TP: 2480 Avg Rate: 30.4 BPM Total Prop pmpd: 140,500#  
ISIP: 2350 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ 15 min: \_\_\_\_\_

Completion Supervisor: Gary Dietz

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



ATTACHMENT G-1  
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DAILY COMPLETION REPORT

WELL NAME: West Point 12-6-9-16 Report Date: 2/3/01 Day: 03  
Operation: New Completion Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" 15.5# @ 5999' Csg PBDT: 5978'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBDT: 5850'  
BP/Sand PBDT: 5600'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC 2 sds	5472-5510'	4/152	LDC 1 sds	5653-5658'	4/20
LDC 2 sds	5526-5530'	4/16	LDC 1 sds	5662-5676'	4/56
			CP .5 sds	5756-5762'	4/24
			CP 4 sds	5938-5950'	4/48
			CP 4 sds	5972-5976'	4/16

CHRONOLOGICAL OPERATIONS

Date Work Performed: 2-Feb-01 SITP:            SICP: 50

Thaw wellhead W/ HO trk. SICP-50 psi. Bleed off 15 BW. RU Schlumberger and run 5 1/2" HE RBP & 4" perf guns Set plug @ 5600'. Pressure test plug to 2000 psi. Perf LDC 2 sds @ 5472-5510' & 5526-30' W/ 4 JSPF. 4 runs tota (had 1 misrun). RD WLT. RU BJ Services and frac LDC 2 sds W/ 200,000# 20/40 sand in 1311 bbls Viking I-25 fluid Perfs broke dn @ 3983 psi. Treated @ ave press of 2340 psi W/ ave rate of 30.6 BPM. ISIP-2351 psi. RD BJ. Begir immediate flowback of LDC2 frac on 12/64 choke @ 1 BPM. Zone flowed 8 hrs & died. Rec 497 BTF (est 38% of frac load). SIFN W/ est 2054 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1255 Starting oil rec to date: 0  
Fluid lost/recovered today: 799 Oil lost/recovered today: 0  
Ending fluid to be recovered: 2054 Cum oil recovered: 0  
IFL:            FFL:            FTP:            Choke: 12/64 Final Fluid Rate:            Final oil cut: 0

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac  
Company: BJ Services  
Procedure or Equipment detail: LDC 2 sands

COSTS

KES rig  
BOP  
Schlum--LDC2 sds  
BJ --LDC2 sds  
Frac wtr  
HO trk  
RBP rental  
IPC Supervision

14000 gals of pad  
12000 gals W/ 1-5 ppg of 20/40 sand  
20000 gals W/ 5-8 ppg of 20/40 sand  
3700 gals W/ 8 ppg of 20/40 sand  
Flush W/ 5376 gals of slick water

Max TP: 2840 Max Rate: 30.9 BPM Total fluid pmpd: 1311 bbls  
Avg TP: 2340 Avg Rate: 30.6 BPM Total Prop pmpd: 200,000#  
ISIP: 2351 5 min:            10 min:            15 min:           

Completion Supervisor: Gary Dietz

DAILY COST:            \$0  
TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: West Point 12-6-9-16 Report Date: 2/6/01 Day: 4
Operation: New Completion Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" 15.5# @ 5999' Csg PBTD: 5978'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 5850'
BP/Sand PBTD: 5450'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include A-1 sds, A-3sds, LDC 2 sds, LDC 2 sds, LDC 1 sds, CP .5 sds, CP 4 sds, CP 4 sds.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5-Feb-01 SITP: SICP:
Thaw wellhead W/ HO trk. TIH w/ R.H & 169 Jt's tbg. Tag sand @ 5495'. Rig up and clean out to RBP @ 5600'
Release same and TOH w/ TBG. Rig up Schlumberger and set RBP @ 5450'. Perforate the A-3 sands @ 5407-12', 8
5355-58' w/ 4JSPF. Perforate the A-1 sand @ 5233-40' w/ 4JSPF. TIH w/ Packer and set @ 5266'. Break down the A-3
sands @ 3,000psi. 2.4/bpm @ 3400 psi. Break down the A-1 sand @ 3,900 psi. 3.3/bpm @ 2300 psi. TOH with
packer and prepare to frac A-Sands in am. 34 bbls water loss for the day.

2088 bbls water to recover.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2054 Starting oil rec to date: 0
Fluid lost/recovered today: 34 Oil lost/recovered today: 0
Ending fluid to be recovered: 2088 Cum oil recovered: 0
IFL: FFL: FTP: Choke: 12/64 Final Fluid Rate: Final oil cut: 0

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:
Company:
Procedure or Equipment detail:
KES rig
BOP
IPC supervision
Hot Oiler
SchlimbergerA-sands

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

Completion Supervisor: Pat Wisener

DAILY COST: \$0
TOTAL WELL COST:





DAILY COMPLETION REPORT

WELL NAME: West Point 12-6-9-16 Report Date: 2/07/01 Day: 5b
Operation: New Completion Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" 15.5# @ 5999' Csg PBTD: 5978'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 5850'
BP/Sand PBTD: 5450' RBP @ 5175

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Lists perforation data for various zones like C sds, B-2 sds, A-1 sds, A-3sds, LDC 2 sds, LDC 1 sds, CP .5 sds, CP 4 sds.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6-Feb-01 SITP: SICP: 0

Rig up B.J. frac service and treat the C- sand & B-2 sands with, 238 bbls pad, 137,000 # 20/40 sand in 566 bbls or Viking I-25 fluid.117 bbls flush. Flow back @ 1/BPM . 2 1/2 hours flow time recovered 208 of 921 bbls = 23%.. Have 3322 bbls to recover

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3530 Starting oil rec to date: 0
Fluid lost/recovered today: 208 Oil lost/recovered today: 0
Ending fluid to be recovered: 3322 Cum oil recovered: 0
IFL: Srfc FFL: Srfc FTP: Choke: 12/64 Final Fluid Rate: Final oil cut: 0

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac
Company: B. J.
Procedure or Equipment detail:
10,000 gals of pad
7500 gals W/ 1-5 ppg of 20/40 sand
12500 gals W/ 5-8 ppg of 20/40 sand
4000 gals W/ 8 ppg of 20/40 sand
Flush W/ 4914 gals of slick water
.894 F.G.

COSTS

KES rig
BOP
IPC supervision
B.J. Frac A-sands
DAILY COST: \$0
TOTAL WELL COST:

Max TP: 3130 Max Rate: 30 Total fluid pmpd: 921
Avg TP: 1900 Avg Rate: 30 Total Prop pmpd: 137,000
ISIP: 2270 5 min: 10 min: 15 min:
Completion Supervisor: Pat Wisener



ATTACHMENT G-1  
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DAILY COMPLETION REPORT

WELL NAME: West Point 12-6-9-16 Report Date: 2/08/01 Day: 6  
Operation: New Completion Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" 15.5# @ 5999' Csg PBDT: 5978'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EQT @: 0 BP/Sand PBDT: \_\_\_\_\_  
BP/Sand PBDT: \_\_\_\_\_

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C sds	<u>4990-4995'</u>	<u>4/20</u>	LDC 2 sds	<u>5472-5510'</u>	<u>4/152</u>
C sds	<u>5006-5010'</u>	<u>4/16</u>	LDC 2 sds	<u>5526-5530'</u>	<u>4/16</u>
B-2 sds	<u>5125-5142'</u>	<u>4/68</u>	LDC 1 sds	<u>5653-5658'</u>	<u>4/20</u>
A-1 sds	<u>5233-5240'</u>	<u>4/28</u>	LDC 1 sds	<u>5662-5676'</u>	<u>4/56</u>
A-3sds	<u>5355-5358'</u>	<u>4/12</u>	CP .5 sds	<u>5756-5762'</u>	<u>4/24</u>
A-3sds	<u>5407-5412'</u>	<u>4/20</u>	CP 4 sds	<u>5938-5950'</u>	<u>4/48</u>
			CP 4 sds	<u>5972-5976'</u>	<u>4/16</u>

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7-Feb-01 SITP: \_\_\_\_\_ SICP: 40

Thaw well head with hot oiler. PU & MU retrieveing head and TIH with tbg tag sand @ 5031' (144') clean out to RBP @ 5175'. Release same and TOH and lay down. PU & MU retrieveing head and TIH with tbg tag sand @ 5365' (85') clear out to RBP @ 5450'. Release same and TOH and lay down. PU & MU retrieveing head and TIH with tbg tag sand @ 5785' (65') clean out to RBP @ 5850'. Release same and TOH and lay down. PU & MU bar notched collar and TIH with 40 Jt's tbg. SWIFN.  
167 bbls water lossed for the day.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3322 Starting oil rec to date: 0  
Fluid lost/recovered today 167 Oil lost/recovered today: 0  
Ending fluid to be recovered: 3489 Cum oil recovered: 0  
IFL: Srfc FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: 12/64 Final Fluid Rate: \_\_\_\_\_ Final oil cut: 0

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac  
Company: B. J.

Procedure or Equipment detail:

COSTS

KES rig  
BOP  
Hot oiler  
Water truck

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_  
Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_  
ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ 15 min: \_\_\_\_\_

Completion Supervisor: Pat Wisener

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



DAILY COMPLETION REPORT

WELL NAME: West Point 12-6-9-16 Report Date: 2/9/01 Day: 07
Operation: New Completion Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" 15.5# @ 5999' Csg PBDT: 5978'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5915' BP/Sand PBDT: 5978'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Lists perforation data for various zones like C sds, B-2 sds, A-1 sds, A-3sds.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8-Feb-01 SITP: SICP: 0

Con't TIH W/ NC & tbg f/ 1320'. Tag sd @ 5916'. Rev circ out sd to PBDT @ 5978'. Circ hole clean. Lost est 25 BW Pull EOT to 5915'. RU Swab equipment. IFL @ sfc. Made 18 swab runs rec 460 BTF (est 405 BW & 55 BO) W/ gocc gas & no sand. FFL @ 1000'. FOC @ 15%. SIFN W/ est 3109 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3489 Starting oil rec to date: 0
Fluid lost/recovered today: 380 Oil lost/recovered today: 0
Ending fluid to be recovered: 3109 Cum oil recovered: 0
IFL: sfc FFL: 1000' FTP: Choke: Final Fluid Rate: Final oil cut: 15%

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type: KES rig
Company: BOP
Procedure or Equipment detail: IPC Supervision

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

Completion Supervisor: Gary Dietz

DAILY COST: \$0
TOTAL WELL COST:





DAILY COMPLETION REPORT

WELL NAME: West Point 12-6-9-16 Report Date: 2/11/01 Day: 09  
Operation: New Completion Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" 15.5# @ 5999' Csg PBDT: 5978'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5895' BP/Sand PBDT: 5978'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C sds	4990-4995'	4/20	LDC 2 sds	5472-5510'	4/152
C sds	5006-5010'	4/16	LDC 2 sds	5526-5530'	4/16
B-2 sds	5125-5142'	4/68	LDC 1 sds	5653-5658'	4/20
A-1 sds	5233-5240'	4/28	LDC 1 sds	5662-5676'	4/56
A-3sds	5355-5358'	4/12	CP .5 sds	5756-5762'	4/24
A-3sds	5407-5412'	4/20	CP 4 sds	5938-5950'	4/48
			CP 4 sds	5972-5976'	4/16

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10-Feb-01 SITP: 0 SICP: 0

RU HO trk to tbg & flush W/ 40 BW @ 225°F. PU & TIH W/ rod string as follows: repaired Randys' 2 1/2" X 1 1/2" X 14.5' RHAC pump, 4-1 1/2" weight rods, 10-3/4" scraped rods, 130-3/4" plain rods, 89-3/4" scraped rods, 1-8', 1-6' & 1-2' X 3/4" pony rods, 1 1/2" X 22' polished rod. Seat pump. RU pumping unit. Fill tbg W/ 1 BW. Pressure test pump & tbg to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 3260 BWTR Place well on production @ 2:00 PM 2/10/01 W/ 74" SL @ 6 SPM.

FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3219 Starting oil rec to date: 95  
Fluid lost/recovered today 41 Oil lost/recovered today: 0  
Ending fluid to be recovered: 3260 Cum oil recovered: 95  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

COSTS

PRODUCTION TBG DETAIL	ROD DETAIL	
KB 10.00'	1 1/2" X 22' polished rod(B)	KES rig
179 2 7/8 J-55 tbg (5815.56')	1-8',1-6',1-2' X 3/4" ponies(A)	HO trk
TA (2.80' @ 5825.56' KB)	89-3/4" scraped rods (A)	Trucking
1 2 7/8 J-55 tbg (32.47')	130-3/4" plain rods (A)	Rod pump
SN (1.10' @ 5860.83' KB)	10-3/4" scraped rods (A)	"A" grade rod string
1 2 7/8 J-55 tbg (32.41')	4-1 1/2" weight rods (B)	Loc cleanup
2 7/8 NC (.45')	Randys' 2 1/2 X 1 1/2 X 14.5'	Water disposal
EOT 5894.79' W/ 10' KB	RHAC pump W/sm plunger	Pit reclaim
		Swab tank (9 days)
		Sanitation
		Sfc equipment
		IPC Supervision
TA/pump f/ PF 24-23-8-17		
Completion Supervisor: Gary Dietz		DAILY COST: \$0
		TOTAL WELL COST:

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4236'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 183' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 40 sx Class "G" cement down 5 ½" casing to 352'

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

## West Point #12-6-9-16

Spud Date: 10/26/2000  
 Put on Production: 2/10/2001  
 GL: 5895' KB: 5905'

Initial Production: 103.4 BOPD,  
 43.7 MCFD, 69.1 BWPD

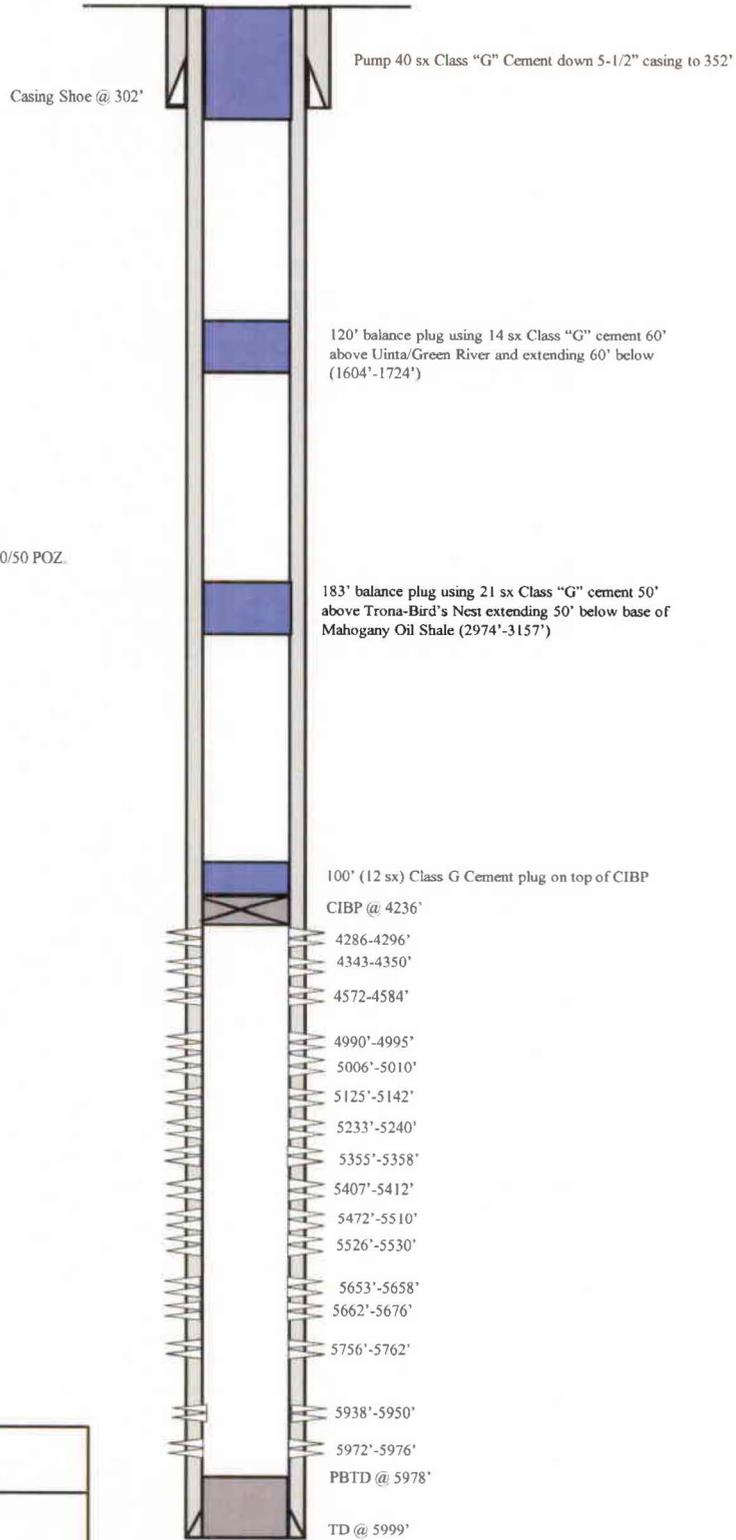
### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301.97')  
 DEPTH LANDED: 301.97'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 155 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5998.59')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5998'  
 CEMENT DATA: 275 sk Prem. Lite II mixed & 550 sxs 50/50 POZ.  
 CEMENT TOP AT: ? per CBL

### Proposed P & A Wellbore Diagram



**NEWFIELD**

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**West Point #12-6-9-16**  
 532' FWL & 1994' FSL  
 NW/SW Section 6-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31765; Lease #UTU-74390

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>1. TYPE OF WELL</b> Oil Well	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74390
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>8. WELL NAME and NUMBER:</b> WEST POINT U 12-6-9-16
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1994 FSL 0532 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 06 Township: 09.0S Range: 16.0E Meridian: S	<b>9. API NUMBER:</b> 43013317650000
	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
	<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 checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/18/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

The subject well has been converted from a producing oil well to an injection well on 03/17/2014. On 03/17/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/18/2014 the casing was pressured up to 1601 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen.

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

**Date:** April 16, 2014

**By:**

<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> 3/31/2014	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: Chris Jensen Date 3/18/14 Time 9:00  am  pm  
Test Conducted by: Kevin Reed  
Others Present: \_\_\_\_\_

Well: <u>West Point 12-6-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NW/3W Sec. 6, T9S, R16E Duchesne County, Utah</u>	API No: <u>43-013-31765</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1603</u>	psig
5	<u>1600</u>	psig
10	<u>1601</u>	psig
15	<u>1601</u>	psig
20	<u>1601</u>	psig
25	<u>1600</u>	psig
30 min	<u>1600</u>	psig
35	<u>1601</u>	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

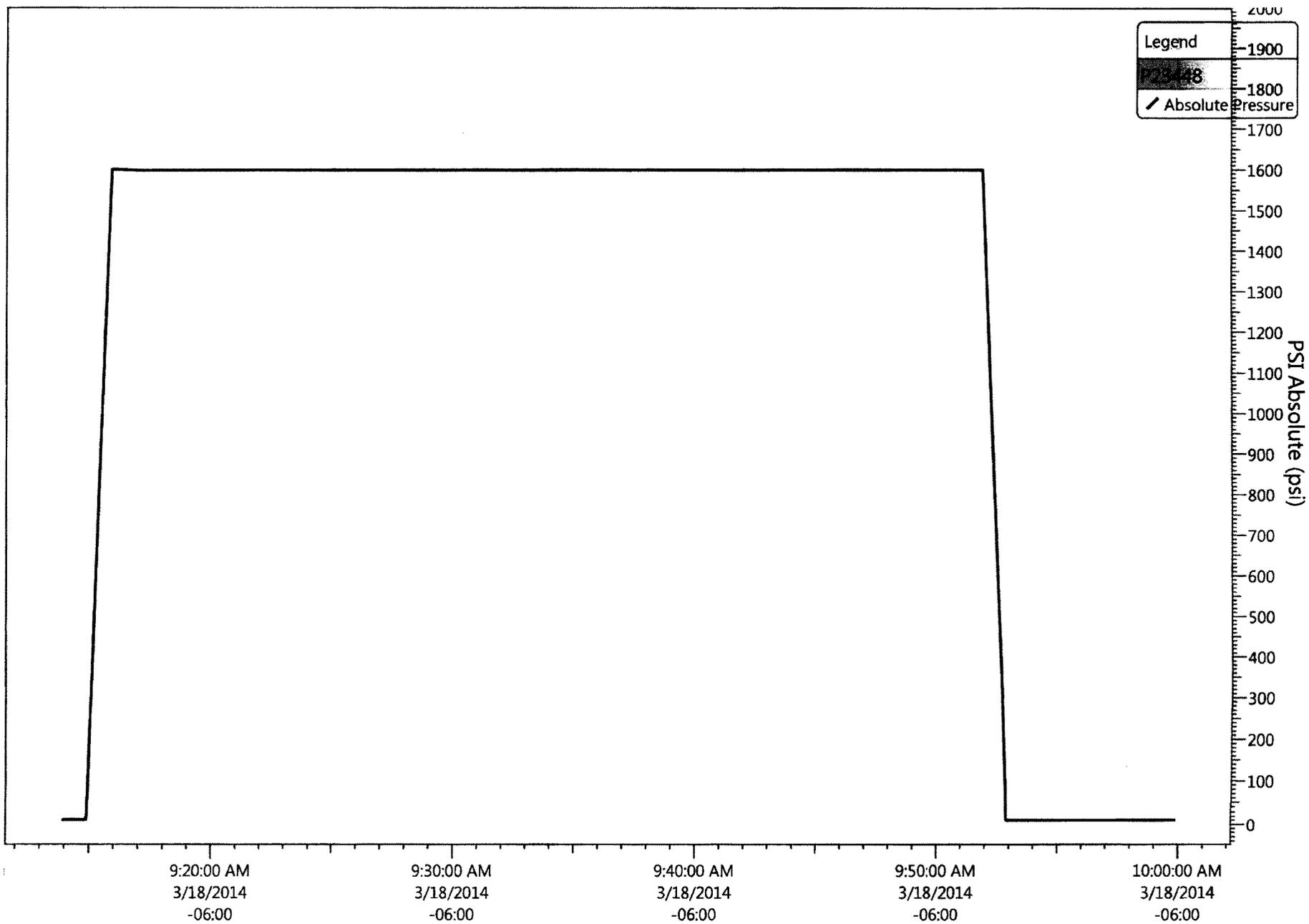
Tubing pressure: 0 psig

Result:  Pass  Fail

Signature of Witness: Chris Jensen  
Signature of Person Conducting Test: Kevin Reed

West Point 12-6-9-16 MIT (3-18-14)

3/18/2014 9:13:33 AM



Sundry Number : 49348 API Well Number : 43013317650000



**Job Detail Summary Report**

**Well Name: W Point 12-6-9-16**

<b>Jobs</b>		
Primary Job Type Conversion	Job Start Date 3/12/2014	Job End Date

Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
3/12/2014	3/12/2014	MIRUSU	
Start Time	11:30	End Time	18:00
		Comment Moved from R-34-8-17: Waited On Benco, MIRUSU @ 11:30AM, BMW H/O Pmped 60BW d/Csg, RDPU, LD & Strip Polished Rod, US Pmp, Flush w/ 40BW, Soft Seat Pmp. 20BW to Fill, PT Tbg to 3000psi, GOOD TEST!. TOO H & LD Rod Sting, XO For Tbg, SWIFN	
Start Time	18:00	End Time	18:30
		Comment TRAVEL TIME	
Report Start Date	Report End Date	24hr Activity Summary	
3/13/2014	3/13/2014	ND MH RELEASE TAC, NU BOP TOO H TBG	
Start Time	05:30	End Time	06:00
		Comment TRAVEL TIME	
Start Time	06:00	End Time	17:30
		Comment OWU, ND WH, Release TAC, NU Weatherford BOP, RU Workfloor, RU & RIH w/ SL, Tagged Fill @ 5978' (No FILL ON PB), TOO H w/ 130-Jts (4222.36') Breaking Collars & Applying Liquid O-Ring to Pins, LD Remaining 50-Jts on Trailer, BMW H/O Pmped 30BW d/Tbg During Trip, MU & RIH w/ AS-X1 Injection PKR w/ XN Nipple, Pmped 10BW Pad & Dropped Stnd Valv, 20BW to Seat Stnd Valv, MU Isolation T, PT Tbg to 3200psi, Observ Pres, 100psi Loss In 30Min, Open Needle Valve Relieve Gas to 2000psi, Repressure to 3000psi, NO Pressure Loss In 45Min, GOOD TEST!. Retieve SV, RD SL, RD Workfloor, ND BOP, PU Sub, NU B1 WH, SWIFN	
Start Time	17:30	End Time	18:00
		Comment TRAVEL TIME	
Report Start Date	Report End Date	24hr Activity Summary	
3/14/2014	3/14/2014	SET PKR, TEST	
Start Time	05:30	End Time	06:00
		Comment CREW TRAVEL	
Start Time	06:00	End Time	13:00
		Comment SICP 50psi SITP 50psi: OWU, BMW H/O Pmped 60BW d/Csg w/ PKR Fluids, ND B1, MU 3K Injection Tree #142644, Set AS-1X PKR CE @ 4240.5' w/ 15000# of Tension, NU Injec Tree, 35BW to Fill Annulus, PT to 1500psi, Observ Press, NO PRESSURE LOSS in 30Min, Newfield Rep Performed MIT, GOOD TEST!! RDMOSU...FINAL RIG REPORT!	
Report Start Date	Report End Date	24hr Activity Summary	
3/18/2014	3/18/2014	PERFORM MIT	
Start Time	09:30	End Time	12:00
		Comment On 03/17/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/18/2014 the casing was pressured up to 1601 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen.	

Sundry Number : 49348 API Well Number : 43013317650000

**NEWFIELD**

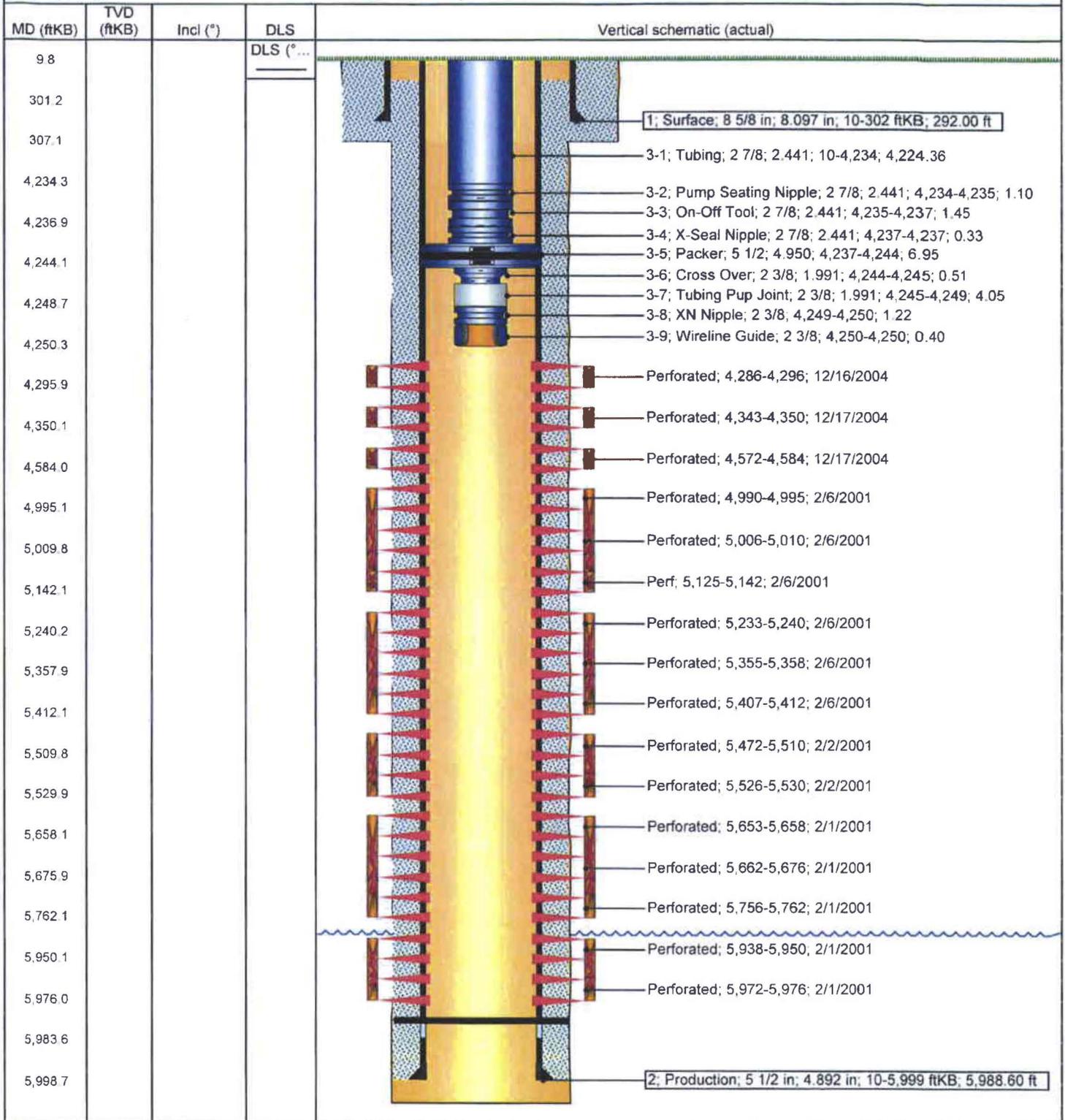
**Schematic**

**Well Name: W Point 12-6-9-16**

Surface Legal Location 06-9S-16E		API/UWI 43013317650000	Well RC 500151509	Lease	State/Province Utah	Field Name GMBU CTB2	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 2/10/2001	Original KB Elevation (ft) 5,905	Ground Elevation (ft) 5,895	Total Depth All (TVD) (ftKB)	PBD (All) (ftKB) Original Hole - 5,982.9	

<b>Most Recent Job</b>				
Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 3/12/2014	Job End Date

**TD: 6,013.0** Vertical - Original Hole, 3/25/2014 12:30:13 PM



# NEWFIELD



## Newfield Wellbore Diagram Data W Point 12-6-9-16

Surface Legal Location 06-9S-16E		API/UWI 43013317650000		Lease	
County DUCHESNE		State/Province Utah		Basin	
Well Start Date 12/16/2000		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,905		Ground Elevation (ft) 5,895		Total Depth (ftKB) 6,013.0	
				Total Depth All (TVD) (ftKB)	
				PBD (All) (ftKB) Original Hole - 5,982.9	

Casing Strings						
Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	10/26/2000	8 5/8	8.097	24.00	J-55	302
Production	12/21/2000	5 1/2	4.950	15.50	J-55	5,999

Cement				
String: Surface, 302ftKB 10/26/2000				
Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	10.0	302.0		
Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
2% CaCl2 + 1/4#/sk Cello-Flake	Lead	155	G	10.0

String: Production, 5,999ftKB 12/22/2000				
Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	200.0	3,000.0		
Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
.5% SMS, 10% gel, 3#/sk BA90, 3#/sk korseal, 3% KCL, 1/4# C.F., .5/sk staticfree	Lead	275	PL II	200.0

String: Production, 5,999ftKB 12/22/2000				
Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	3,000.0	5,998.6		
Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
3% KCL, 1/4# C.F., .5/sk staticfree	Lead	550	50/50 Poz	3,000.0

Tubing Strings										
Tubing Description					Run Date	Set Depth (ftKB)				
Tubing					3/13/2014	4,250.4				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
Tubing	130	2 7/8	2.441	6.50	J-55	4,224.36	10.0	4,234.4		
Pump Seating Nipple		2 7/8	2.441			1.10	4,234.4	4,235.5		
On-Off Tool		2 7/8	2.441			1.45	4,235.5	4,236.9		
X-Seal Nipple		2 7/8	2.441			0.33	4,236.9	4,237.2		
Packer		5 1/2	4.950			6.95	4,237.2	4,244.2		
Cross Over		2 3/8	1.991			0.51	4,244.2	4,244.7		
Tubing Pup Joint		2 3/8	1.991			4.05	4,244.7	4,248.8		
XN Nipple		2 3/8				1.22	4,248.8	4,250.0		
Wireline Guide		2 3/8				0.40	4,250.0	4,250.4		

Rod Strings										
Rod Description					Run Date	Set Depth (ftKB)				
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)			

Perforation Intervals							
Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
8	GB4, Original Hole	4,286	4,296	4			12/16/2004
7	GB6, Original Hole	4,343	4,350	4			12/17/2004
6	PB10, Original Hole	4,572	4,584	4			12/17/2004
5	C, Original Hole	4,990	4,995	4			2/6/2001
5	C, Original Hole	5,006	5,010	4			2/6/2001
5	B2, Original Hole	5,125	5,142	4			2/6/2001
4	A1, Original Hole	5,233	5,240	4			2/6/2001
4	A3, Original Hole	5,355	5,358	4			2/6/2001
4	A3, Original Hole	5,407	5,412	4			2/6/2001
3	LDC2, Original Hole	5,472	5,510	4			2/2/2001
3	LDC2, Original Hole	5,526	5,530	4			2/2/2001
2	LDC1, Original Hole	5,653	5,658	4			2/1/2001
2	LDC1, Original Hole	5,662	5,676	4			2/1/2001
2	CP .5, Original Hole	5,756	5,762	4			2/1/2001
1	CP4, Original Hole	5,938	5,950	4			2/1/2001
1	CP4, Original Hole	5,972	5,976	4			2/1/2001

# NEWFIELD



## Newfield Wellbore Diagram Data W Point 12-6-9-16

### Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,400		31.4	2,820			
2	2,350		3.6	3,435			
3	2,351		30.9	2,840			
4	2,350	0.88	30.0	4,000			
5	2,270	0.894	30.0	3,130			
6	1,650	0.75	14.4	3,850			
7	2,520	0.98	24.6	2,372			
8	2,160	0.93	24.6	2,825			
9	2,575	1.03	24.6	2,696			

### Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Sand Bulk Sand 73750 lb
2		Sand Bulk Sand 140500 lb
3		Sand Bulk Sand 200000 lb
4		Sand Bulk Sand 65500 lb
5		Sand Bulk Sand 137000 lb
6		Sand Bulk Sand 49670 lb
7		Sand Bulk Sand 44350 lb
8		Sand Bulk Sand 23969 lb
9		Sand Bulk Sand 47954 lb