

001



June 25, 2002

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

RE: Applications for Permit to Drill: 1-24-8-16, 2-24-8-16, 3-24-8-16, 6-24-8-16,  
7-24-8-16, 8-24-8-16, 9-24-8-16, and 10-24-8-16.

Dear Brad:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier  
Permit Clerk

mc  
enclosures

**RECEIVED**

JUN 27 2002

**DIVISION OF  
OIL, GAS AND MINING**

003

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			5. LEASE DESIGNATION AND SERIAL NO. <b>U-67170</b>	
1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>	
1b. TYPE OF WELL <b>C</b>			7. UNIT AGREEMENT NAME <b>Mon. Butte NE</b>	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			8. FARM OR LEASE NAME WELL NO. <b>FEDERAL 10-24-8-16</b>	
2. NAME OF OPERATOR <b>Inland Production Company</b>			9. API WELL NO. <b>43-013-32366</b>	
3. ADDRESS OF OPERATOR <b>Route #3 Box 3630, Myton, UT 84052</b> Phone: <b>(435) 646-3721</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>NW/SE 2049' FSL 1970' FEL 4439270Y 40.10184</b> At proposed Prod. Zone <b>579740X - 110.06478</b>			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>NW/SE Sec. 24, T8S, R16E</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 12.2 miles south of 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 <b>Approx. 591' f/lse line &amp; 591' f/unit line</b>	16. NO. OF ACRES IN LEASE <b>960.00</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. 1215'</b>	19. PROPOSED DEPTH <b>6500'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5406' GR</b>			22. APPROX. DATE WORK WILL START* <b>3rd Quarter 2002</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.

*Federal Approval of this  
Action is Necessary*

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JUN 27 2002  
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 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 *Marcie Cozies* TITLE Permit Clerk DATE 6/25/02

(This space for Federal or State office use)

PERMIT NO. 43-013-32366 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:

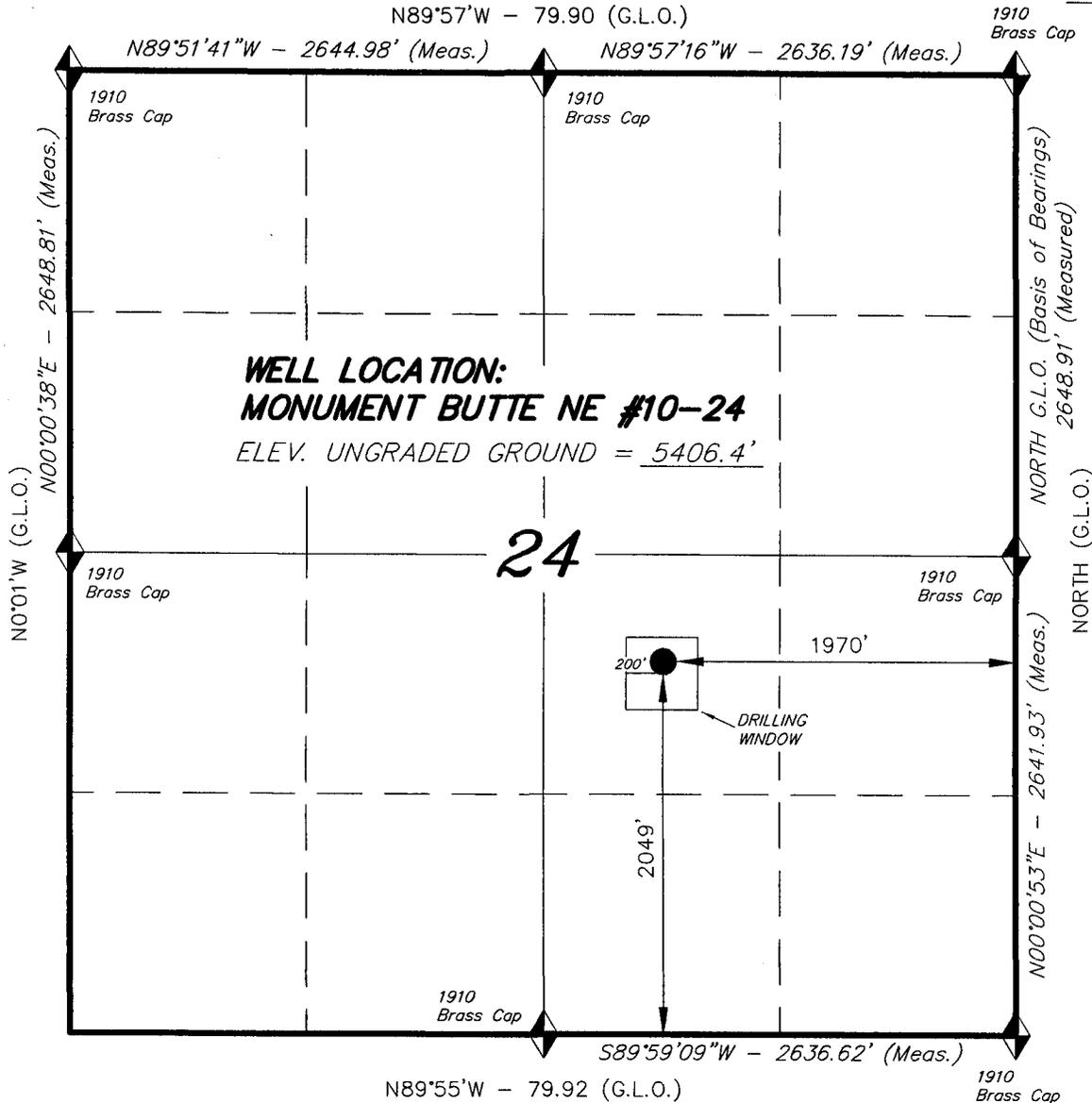
APPROVED BY *Bradley G Hill* TITLE BRADLEY G. HILL DATE 07-15-02  
**RECLAMATION SPECIALIST III**

\*See Instructions On Reverse Side

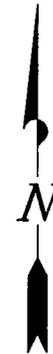
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# T8S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY



WELL LOCATION, MONUMENT BUTTE NE #10-24, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 24, T8S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

*Stacy W. Stewart*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 189377  
 STATE OF UTAH  
**STACY W. STEWART**

**TRI STATE LAND SURVEYING & CONSULTING**  
 38 WEST 100 NORTH - VERNON, UTAH 84078  
 (435) 781-2501

◆ = SECTION CORNERS LOCATED

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

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 5-21-02	DRAWN BY: J.R.S.
NOTES:	FILE #

002

INLAND PRODUCTION COMPANY  
MON. BUTTE NE FEDERAL #10-24-8-16  
NW/SE SECTION 24, T8S, R16E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1640'
Green River	1640'
Wasatch	6500'

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

Green River Formation 1640' – 6500' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 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.

**INLAND PRODUCTION COMPANY  
MON. BUTTE NE FEDERAL #10-24-8-16  
NW/SE SECTION 24, T8S, 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 Mon. Butte NE Federal #10-24-8-16 located in the NW 1/4 SE 1/4 Section 24, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 9.7 miles  $\pm$  to its junction with an existing road to the west; proceed westerly - 0.2 miles  $\pm$  to its junction with an existing road to the northwest; proceed northwesterly - 0.7 miles  $\pm$  to its junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road 125'  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

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

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

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

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

**5. LOCATION AND TYPE OF WATER SUPPLY**

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

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

**9. WELL SITE LAYOUT**

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).

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 Paleontological Resource Survey and Archaeological Resource Survey for this area will be forthcoming.

Inland Production Company requests a 60' ROW for the Mon. Butte NE Federal #10-24-8-16 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

**Water Disposal**

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.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #10-24-8-16 NW/SE Section 24, Township 8S, Range 16E: Lease U-67170 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

6/25/02  
Date

Mandie Crozier  
Mandie Crozier  
Permit Clerk

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Mon. Butte NE Federal 10-24-8-16

API Number:

Lease Number: U-67170

Location: NW/SE Sec. 24, T8S, R16E

**SURFACE USE PROGRAM**  
**CONDITIONS OF APPROVAL**

**CULTURAL RESOURCES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**PALEONTOLOGICAL RESOURCES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**SOILS, WATERSHEDS, AND FLOODPLAINS**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**WILDLIFE AND FISHERIES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

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

**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.

**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 and 2002 USFWS Survey Protocol).

See also *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**LOCATION AND RESERVE PIT RECLAMATION**

During construction of the reserve pit, a small amount of topsoil shall be stockpiled nearby, to be spread over the reserve pit area at the time the reserve pit is reclaimed.

The topsoil stockpile shall be reseeded immediately after site construction by broadcasting the seed, then walking the topsoil stockpile with the dozer to plant the seed.

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

Shadscale	<i>Atriplex confertifolia</i>	4 lbs/acre
Indian ricegrass	<i>Oryzopsis hymenoides</i>	4 lbs/acre
galleta grass	<i>Hilaria jamesii</i>	4 lbs/acre

The reserve pit shall be reclaimed immediately after drilling operations have ceased. The pit shall be reclaimed by: 1) removing all liquids and any oily debris according to Utah Division of Oil, Gas, & Mining pit closure rules; 2) perforating and folding the liner in place; 3) recontouring the surface; 4) broadcasting the seed over the recontoured surface; and 5) walking the surface of the pit with a dozer to plant the seed.

At the time of final abandonment, the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately.

**PIPELINES**

Installation of a surface gas pipeline and/or any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

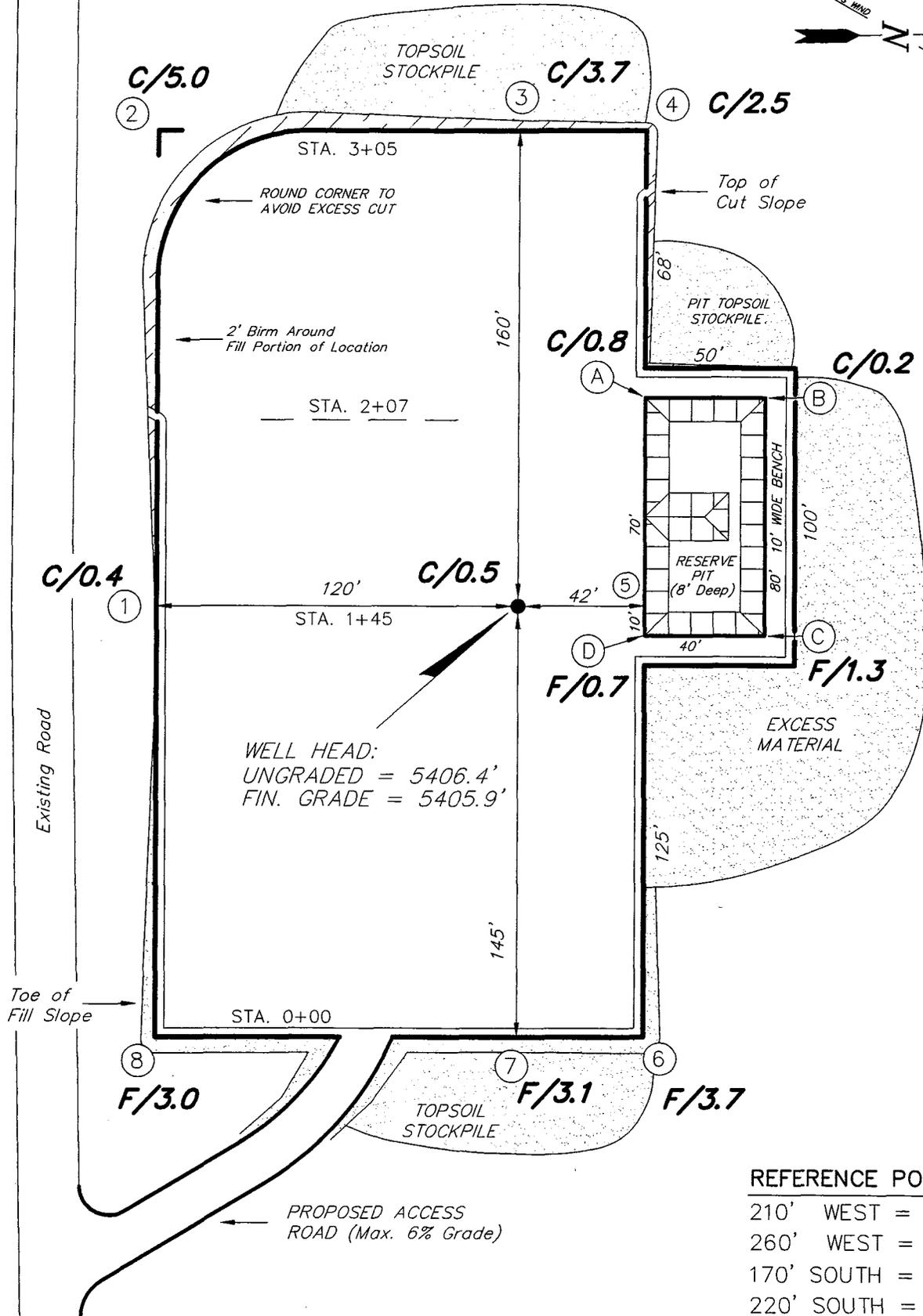
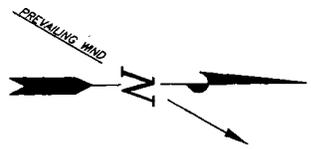
Except as specified in the APD, the installation of the surface gas line and any subsequent buried pipelines will follow the edge of the existing roadways without interfering with the normal travel and maintenance of the roadway.

The installation of any buried pipelines will disturb as little surface as possible and will not exceed 60 feet in width. Reclamation of the disturbance area associated with buried pipelines will be completed within 10 days after installation. The surface will be recontoured to natural or near natural contours. Reseeding will be with the same seed mixture specified for reclamation of the reserve pit and well site. The interface of the buried line disturbance area and the edge of any adjacent access roads will be constructed with a borrow ditch and road berm to minimize vehicular travel along the water line route.

**OTHER**

# INLAND PRODUCTION COMPANY

MONUMENT BUTTE NE #10-24  
SEC. 24, T8S, R16E, S.L.B.&M.



### REFERENCE POINTS

- 210' WEST = 5410.3'
- 260' WEST = 5411.2'
- 170' SOUTH = 5405.3'
- 220' SOUTH = 5404.7'

SURVEYED BY: D.J.S.

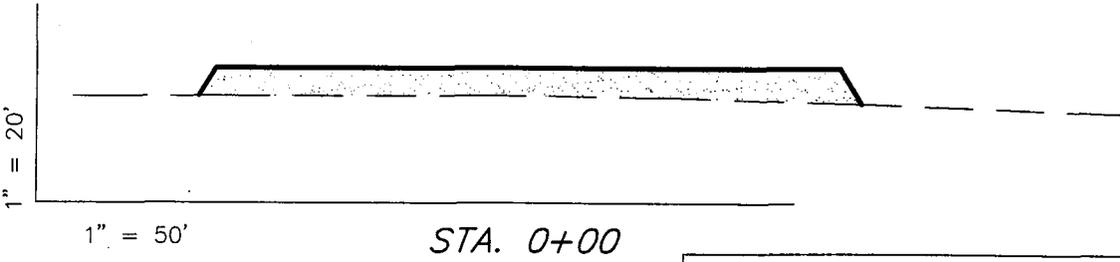
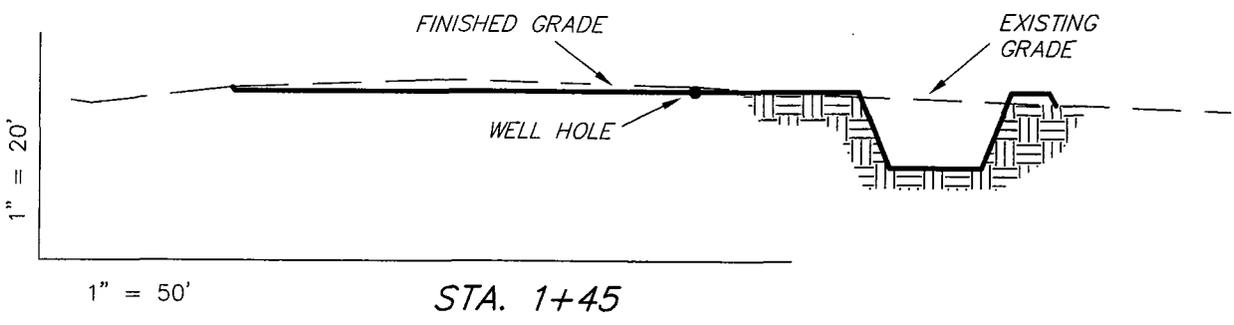
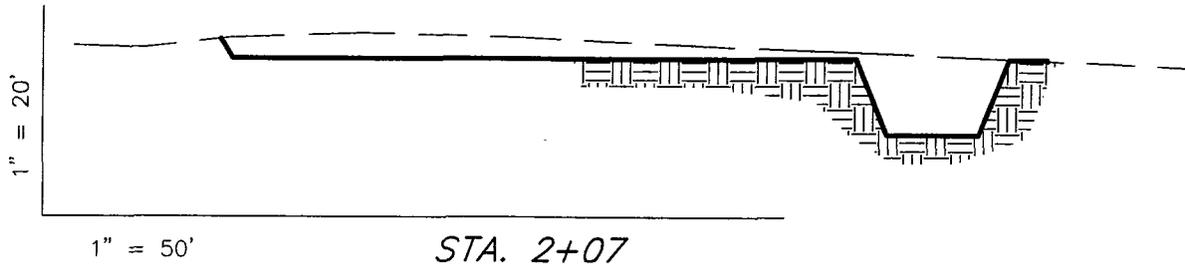
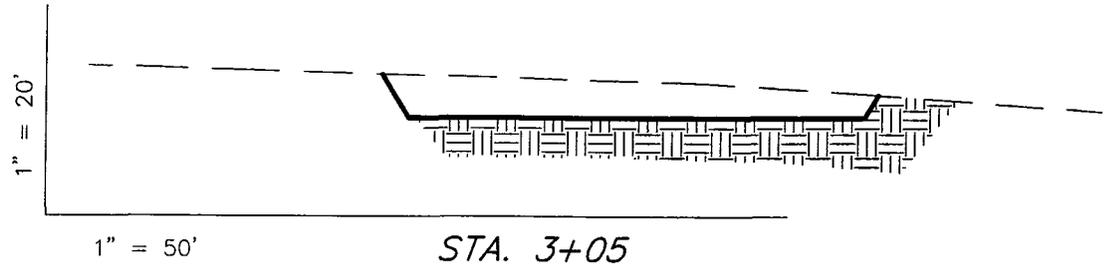
SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 5-21-02

**Tri State**  
 Land Surveying, Inc.  
 38 WEST 100 NORTH VERNAL, UTAH 84078  
 (435) 781-2501

**INLAND PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**MONUMENT BUTTE NE #10-24**



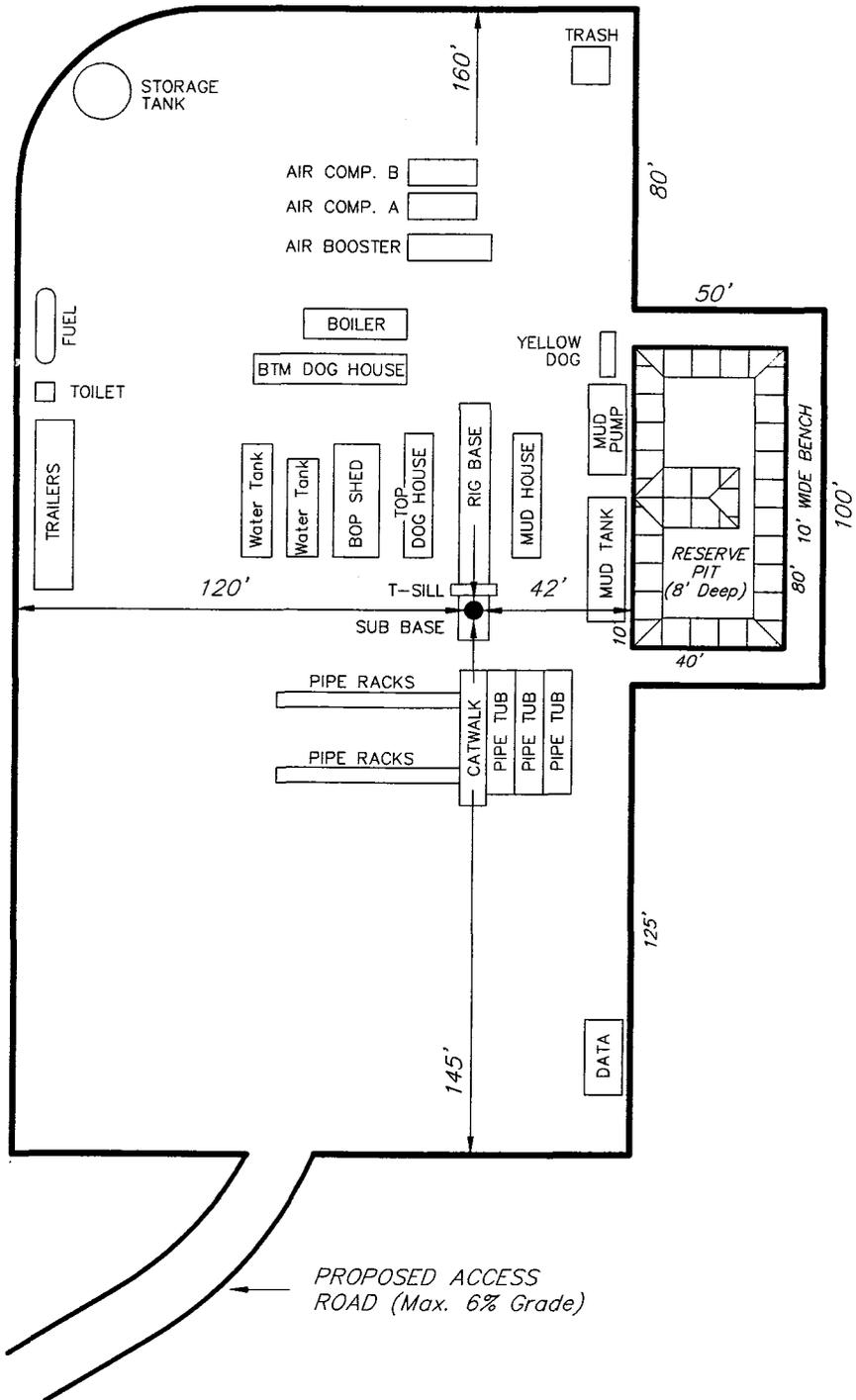
NOTE:  
 UNLESS OTHERWISE NOTED  
 ALL CUT/FILL SLOPES ARE  
 AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES				
(Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,710	1,710	Topsoil is not included in Pad Cut	0
PIT	640	0		640
<b>TOTALS</b>	<b>2,350</b>	<b>1,710</b>	<b>1,010</b>	<b>640</b>

SURVEYED BY: D.J.S.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 5-21-02

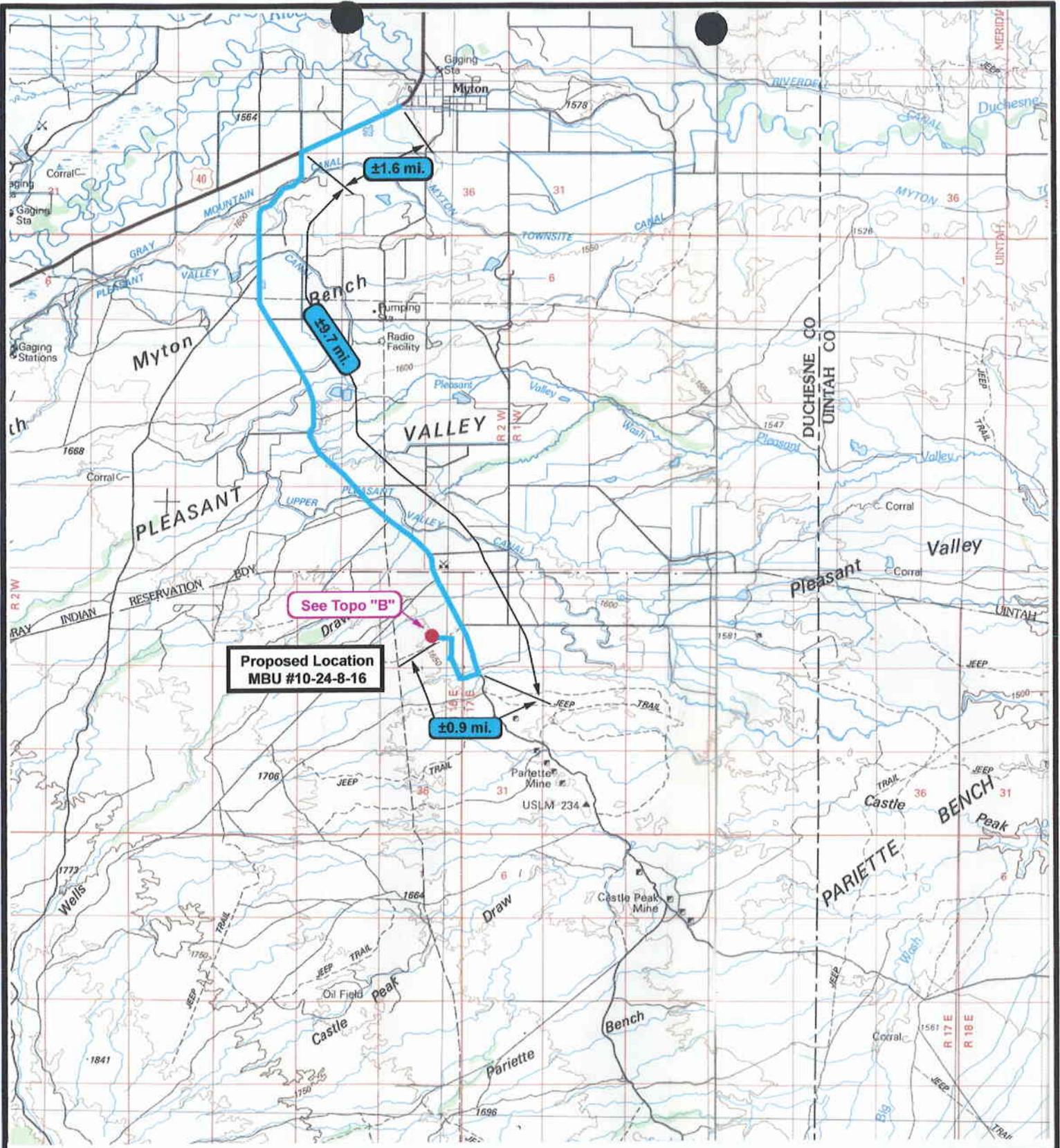
*Tri State* (435) 781-2501  
**Land Surveying, Inc.**  
 38 WEST 100 NORTH VERNAL, UTAH 84078

**INLAND PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**MONUMENT BUTTE NE #10-24**



SURVEYED BY: D.J.S.	SCALE: 1" = 50'	 <b>Tri State</b> Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
DRAWN BY: J.R.S.	DATE: 5-21-02	

(435) 781-2501



**Monument Butte NE #10-24  
SEC. 24, T8S, R16E, S.L.M.**



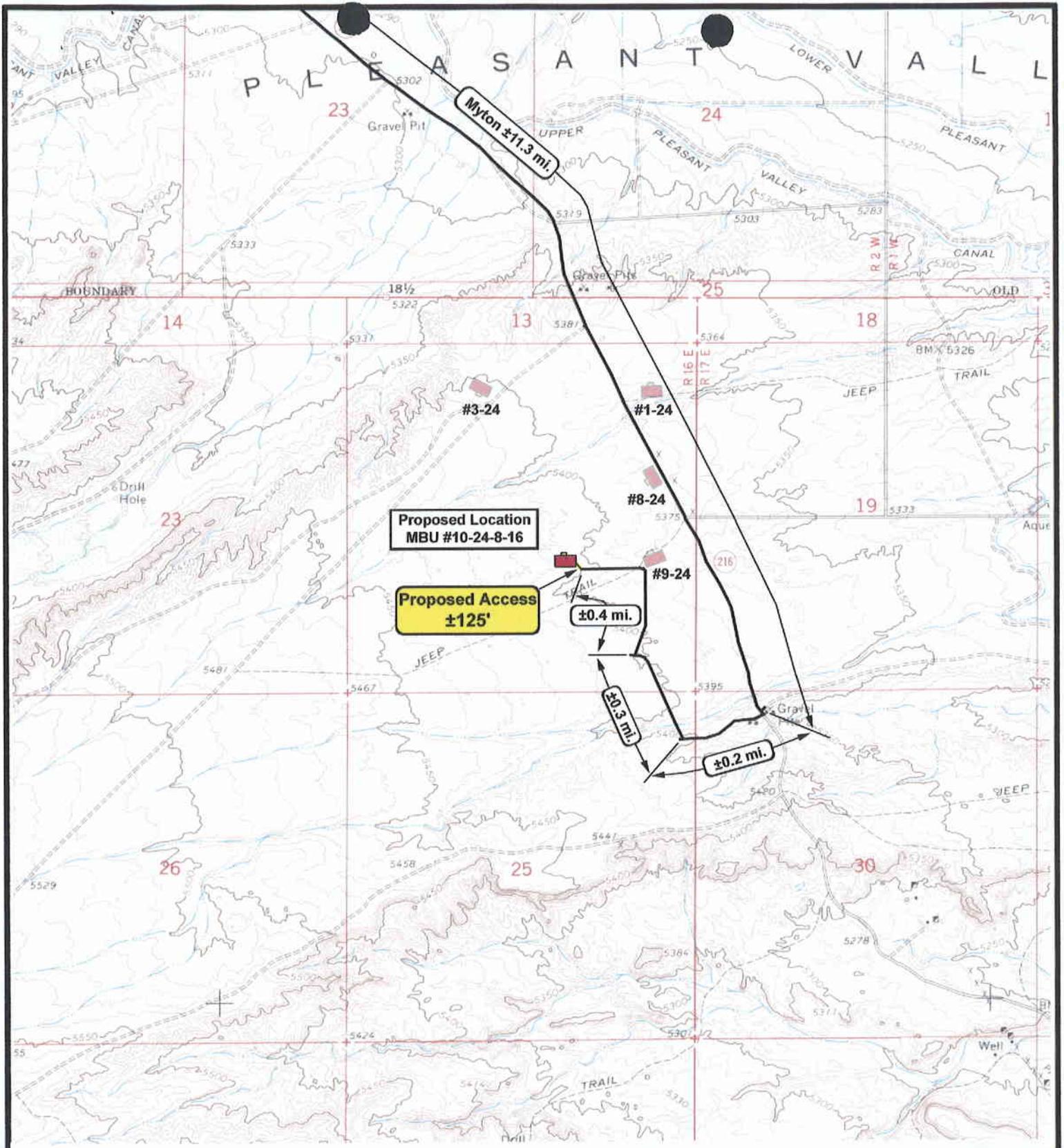
**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 100,000'  
DRAWN BY: R.B.  
DATE: 05-23-2002

**Legend**

— Existing Road  
— Proposed Access

TOPOGRAPHIC MAP  
**"A"**



**Monument Butte NE #10-24  
SEC. 24, T8S, R16E, S.L.M.**



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

SCALE: 1" = 2000'

DRAWN BY: R.B.

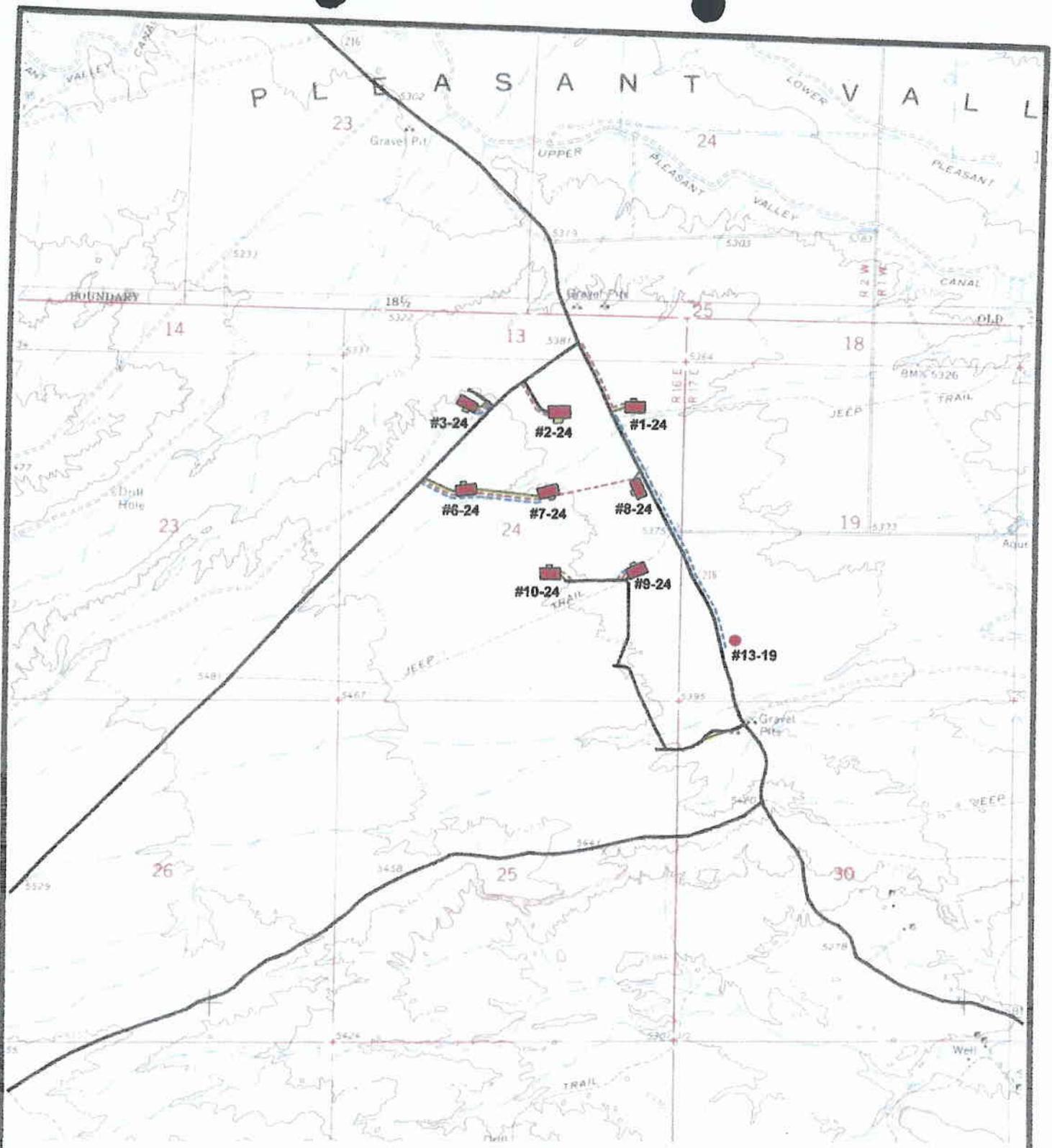
DATE: 05-23-2002

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

**"B"**



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

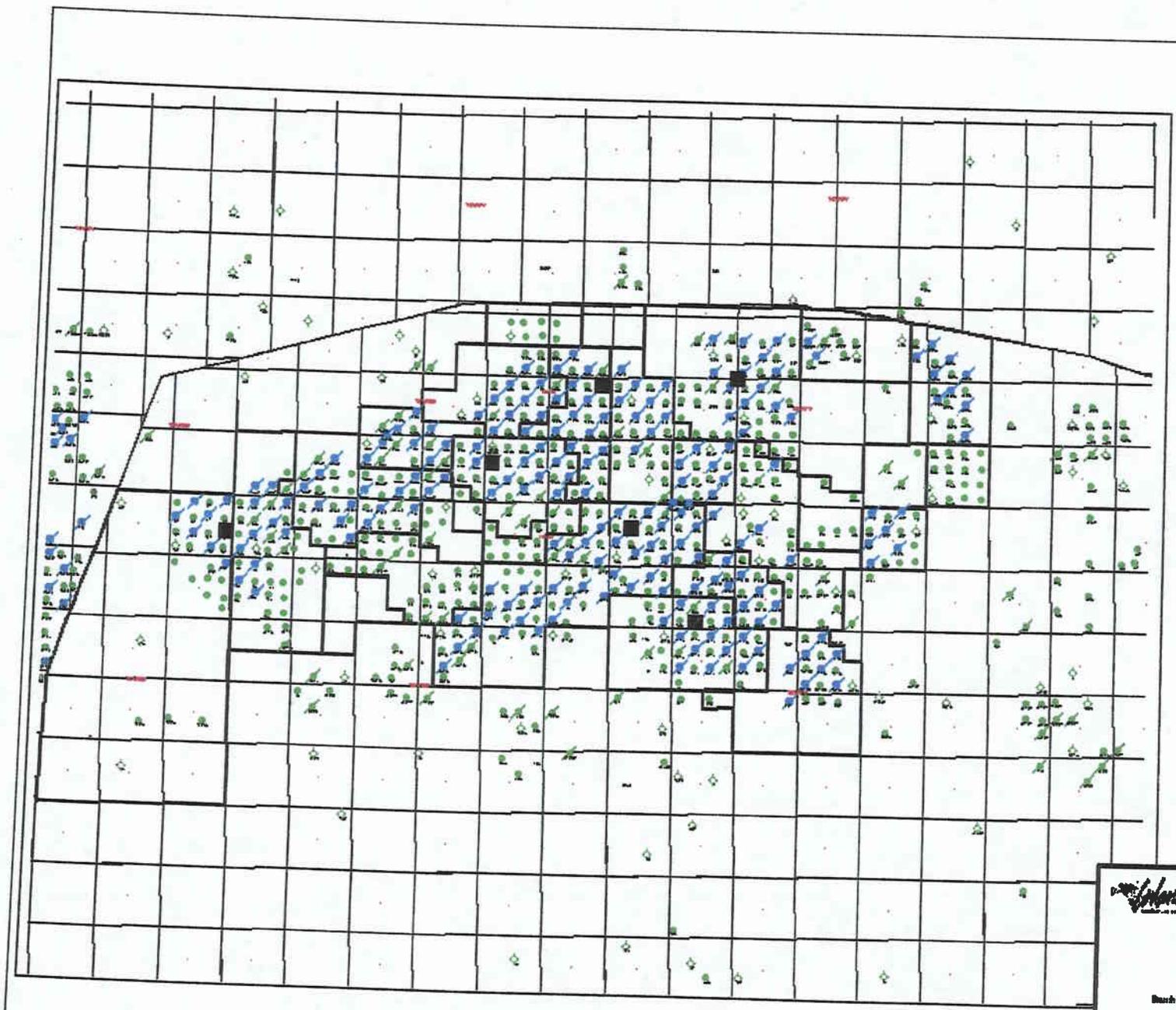
Legend	
	Existing Road
	Proposed Access
	Proposed Gas Line
	Proposed Water Line

**Fenceline Unit Gas & Water Pipelines**  
**SEC. 24, T8S, R16E, S.L.B.&M.**



SCALE: 1" = 2000'  
 DRAWN BY: R.B.  
 DATE: 06-11-2002

TOPOGRAPHIC MAP  
**"C"**



- Section Station
- Well Categories
- ↗ WJ
- OIL
- ◇ DRY
- ↖ SHUTIN
- ▭ Units



Exhibit "A"

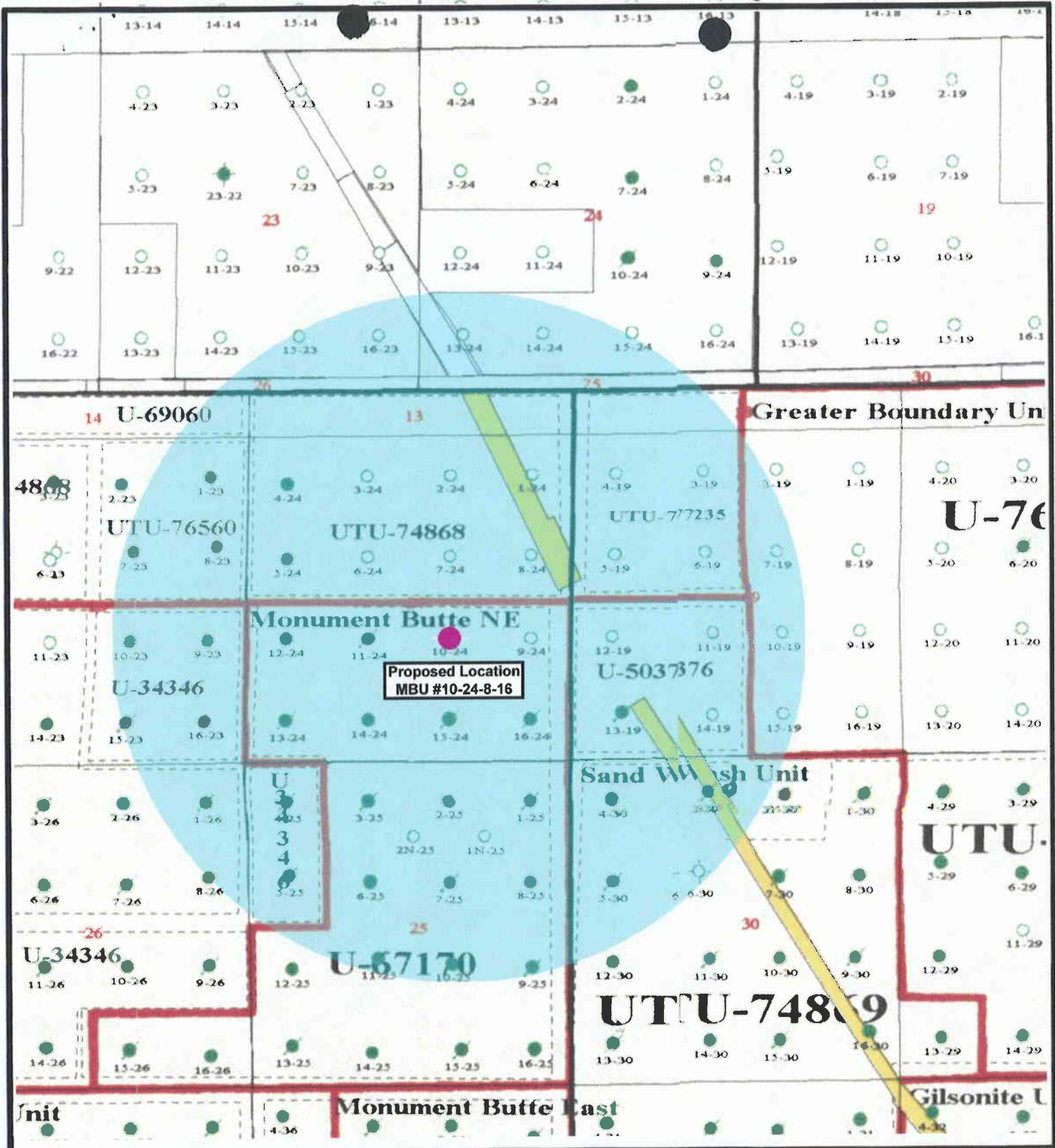




430 1<sup>st</sup> Ave. Suite 700  
 Denver, Colorado 80202  
 Phone: 303.733.6122

**Uinfa Basin**  
 UINFA BASIN, LLC  
 Broomfield & Clark Counties, CO

Plot K-31M 6 of 6 Pages



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

Legend

- Proposed Location
- One-Mile Radius

**Monument Butte NE #10-24  
 SEC. 24, T8S, R16E, S.L.M.**

SCALE: 1" = 2000'  
 DRAWN BY: R.B.  
 DATE: 05-23-2002

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

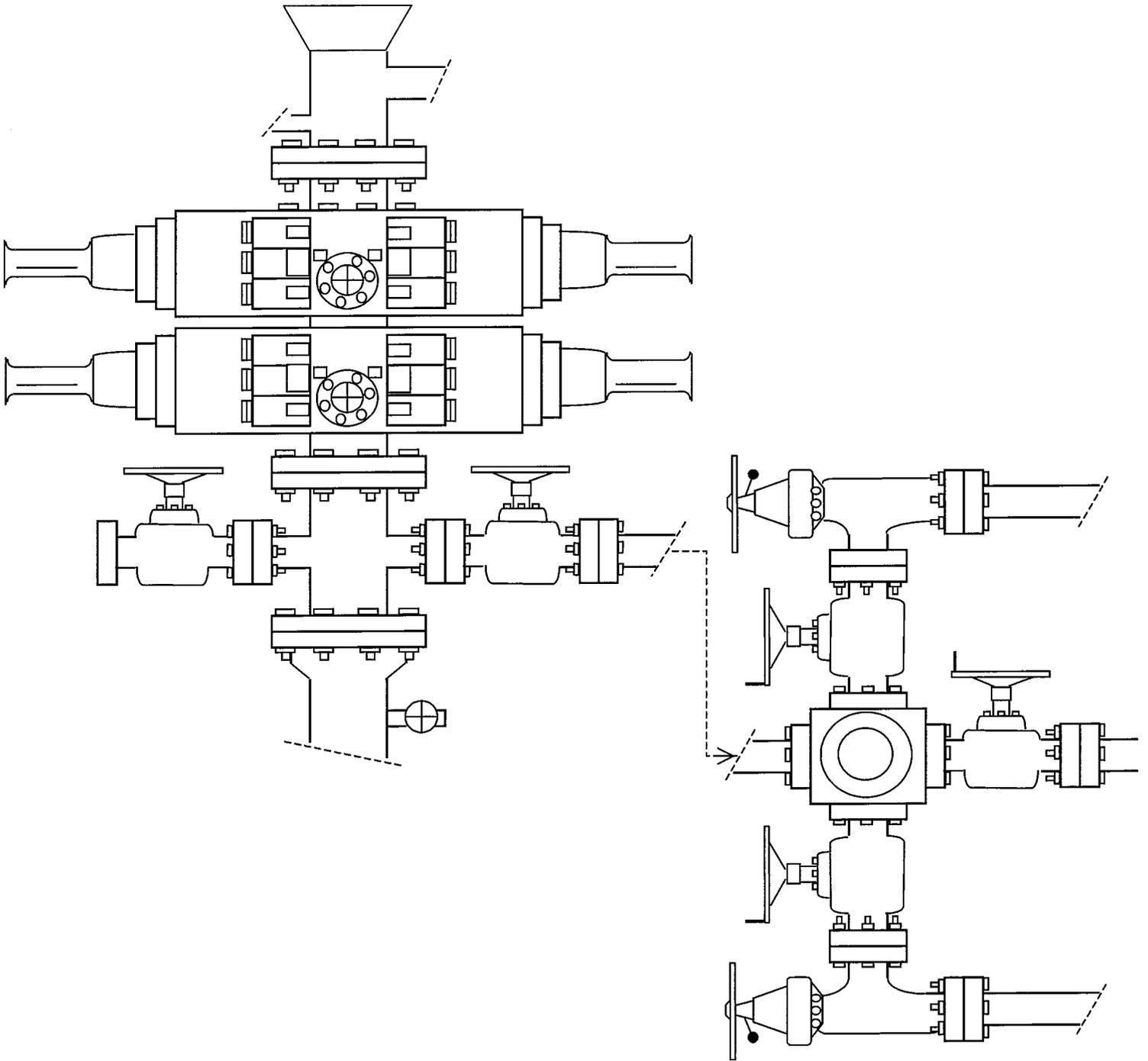


EXHIBIT C

004

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/27/2002

API NO. ASSIGNED: 43-013-32366

WELL NAME: FEDERAL 10-24-8-16  
OPERATOR: INLAND PRODUCTION ( N5160 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSE 24 080S 160E  
SURFACE: 2049 FSL 1970 FEL  
BOTTOM: 2049 FSL 1970 FEL  
DUCHESNE  
MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
LEASE NUMBER: U-67170  
SURFACE OWNER: 1 - Federal

LATITUDE: 40.10184  
LONGITUDE: 110.06448

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. ~~Exception~~
- Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS: Sup, Separate file

STIPULATIONS: 1- Fed APPROV  
2- Spacing/Ship



005



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

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
(801) 538-5340 telephone  
(801) 359-3940 fax  
(801) 538-7223 TTY  
www.nr.utah.gov

Michael O. Leavitt  
Governor  
Robert L. Morgan  
Executive Director  
Lowell P. Braxton  
Division Director

July, 15, 2002

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

Re: Federal 10-24-8-16 Well, 2049' FSL, 1970' FEL, NW SE, Sec. 24, T. 8 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32366.

Sincerely,

A handwritten signature in black ink, appearing to read "John R. Baza".

for John R. Baza  
Associate Director

pb

Enclosures

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

Operator: Inland Production Company  
Well Name & Number Federal 10-24-8-16  
API Number: 43-013-32366  
Lease: U-67170

Location: NW SE Sec. 24 T. 8 South R. 16 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

LEASE DESIGNATION AND SERIAL NO. 667170

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

JUN 26 2002

6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A

1a. TYPE OF WORK DRILL [X] DEEPEN [ ]
1b. TYPE OF WELL OIL WELL [X] GAS WELL [ ] SINGLE ZONE [ ] MULTIPLE ZONE [X]

7. UNIT AGREEMENT NAME Mon. Butte NE
8. FARM OR LEASE NAME WELL NO FEDERAL 10-24-8-16

2. NAME OF OPERATOR Inland Production Company
3. ADDRESS OF OPERATOR Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

9. API WELL NO.
10. FIELD AND POOL OR WILDCAT Monument Butte

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At Surface NW/SE 2049' FSL 1970' FEL

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/SE Sec. 24, T8S, R16E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* Approximately 12.2 miles south of Myton, Utah

12. County Duchesne 13. STATE UT

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to) Approx. 591' f/lse line & 591' f/unit line

16. NO. OF ACRES IN LEASE 960.00

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. 1215'

19. PROPOSED DEPTH 6500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5406' GR

22. APPROX. DATE WORK WILL START\* 3rd Quarter 2002

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes text: Refer to Monument Butte Field SOP's Drilling Program/Casing Design

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

The Conditions of Approval are also attached.

RECEIVED MAR 11 2003 DIV. OF OIL, GAS & MINING

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 [Signature] TITLE Permit Clerk DATE 6/25/02

NOTICE OF APPROVAL

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 [Signature] Assistant Field Manager Mineral Resources DATE 03/04/2003

\*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.

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: FEDERAL 10-24-8-16

API Number: 43-013-32366

Lease Number: UTU - 67170

Location: NWSE Sec. 24 TWN: 08S RNG: 16E

Agreement: N/A

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

**Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.**

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.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources 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 zone, identified at  $\pm 414$  ft.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

007

**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.  
**U-67170**

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

7. If Unit or CA, Agreement Designation  
**MONUMENT BUTTE NE**

8. Well Name and No.  
**FEDERAL 10-24-8-16**

9. API Well No.  
**43-013-32366**

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

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**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)  
**2049 FSL 1970 FEL      NW/SE Section 24, T8S 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 checked="" type="checkbox"/> Other <b>Permit Extension</b> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

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

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

Inland Production Company requests to extend the Permit to Drill this well for one year.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 07-14-03

By: *[Signature]*

COPY SENT TO OPERATOR

Date: 7-19-03

Initials: *[Signature]*

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

Signed *Mandie Crozier* Title Regulatory Specialist Date 7/9/03  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date **RECEIVED**

Conditions of approval, if any:

CC: Utah DOGM

**JUL 10 2003**

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

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

**API:** 43-013-32366  
**Well Name:** Federal 10-24-8-16  
**Location:** NW/SE Section 24, T8S R16E  
**Company Permit Issued to:** Inland Production Company  
**Date Original Permit Issued:** 7/15/2002

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

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

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

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

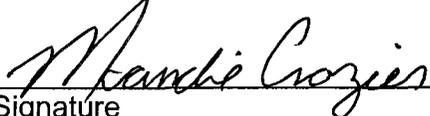
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

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

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

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

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

  
Signature

7/9/2003  
Date

Title: Regulatory Specialist

Representing: Inland Production Company

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

608

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.

U-67170

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

MONUMENT BUTTE NE

8. Well Name and No.

FEDERAL 10-24-8-16

9. API Well No.

43-013-32366

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> 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)

2049 FSL 1970 FEL NW/SE Section 24, T8S 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 checked="" type="checkbox"/> Other <b>Permit Extension</b>

<input type="checkbox"/> Change of Plans
<input type="checkbox"/> New Construction
<input type="checkbox"/> Non-Routine Fracturing
<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Dispose Water

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

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

Inland Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 3/4/03 (expiration 3/4/04).

RECEIVED

APR 06 2004

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

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

Signed

*Mandie Crozier*  
Mandie Crozier

Title

Regulatory Specialist

Date

3/2/2004

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

*Kirk Johnson*  
Kirk Johnson

Title

Petroleum Engineer

Date

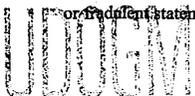
3/30/04

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.



Inland Production Company  
APD Extension

Well: Fed 10-24-8-16

Location: NWSE Sec. 24, T8S, R16E

Lease: U-67170

**CONDITIONS OF APPROVAL**

An extension for the referenced APD is granted with the following conditions:

---

1. The extension will expire 3/4/05
2. No other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood of this office at (435) 781-4486

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

009

**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

**SUBMIT IN TRIPLICATE**

1. Type of Well

<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> 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)

**2049 FSL 1970 FEL NW/SE Section 24, T8S R16E**

5. Lease Designation and Serial No.

**U-67170**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**MONUMENT BUTTE NE**

8. Well Name and No.

**FEDERAL 10-24-8-16**

9. API Well No.

**43-013-32366**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

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 Permit Extension

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.)\*

Inland Production Company requests to extend the Permit to Drill this well for one year.

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

Date: 07/04/04  
By: [Signature]

**RECEIVED  
JUL 07 2004**

DIV. OF OIL, GAS & MINING

**COPY SENT TO OPERATOR**

Date: 7-15-04  
initials: CHD

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

Signed

[Signature]  
Mandie Crozier

Title

Regulatory Specialist

Date

7/6/04

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

CC: Utah DOGM

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

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

**API:** 43-013-32366  
**Well Name:** Federal 10-24-8-16  
**Location:** NW/SE Section 24, T8S R16E  
**Company Permit Issued to:** Inland Production Company  
**Date Original Permit Issued:** 7/15/2002

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

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

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

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

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

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

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

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

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

  
Signature

7/5/2004  
Date

Title: Regulatory Specialist

Representing: Inland Production Company



July 6, 2004

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

RE: One Year Extensions on Applications for Permit to Drill.

Dear Diana:

Enclosed find one year extensions on Applications for Permit to Drill. We have already received a one year extension on these APD's and would like to extend it them for another year, since the approval that we have received from the BLM is not yet due to expire. If you have any questions, feel free to give me a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

enclosures

RECEIVED  
JUL 07 2004  
DIV. OF OIL, GAS & MINING

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



# 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

UTSL-	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
UTU-	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		

Corporations Section  
P.O.Box 13697  
Austin, Texas 78711-3697



Geoffrey S. Connor  
Secretary of State

## Office of the Secretary of State

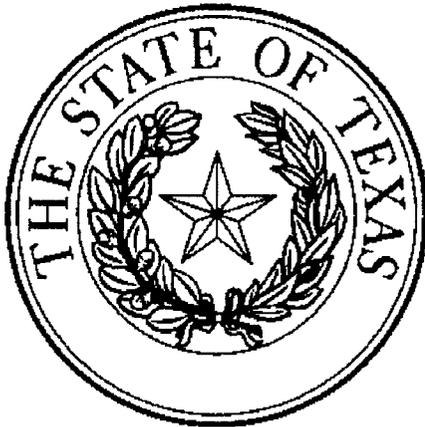
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

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

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>	
1. GLH	
2. CDW	
3. FILE	

**013**

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:**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
FEDERAL 16-20-8-16	20	080S	160E	4301332474		Federal	OW	APD	K
FEDERAL 9-24-8-16	24	080S	160E	4301332359		Federal	OW	APD	K
FENCELINE FED 8-24-8-16	24	080S	160E	4301332360		Federal	OW	APD	K
FENCELINE FED 7-24-8-16	24	080S	160E	4301332361	14399	Federal	OW	DRL	K
FENCELINE FED 6-24-8-16	24	080S	160E	4301332362		Federal	OW	APD	K
FENCELINE FED 3-24-8-16	24	080S	160E	4301332363		Federal	OW	DRL	K
FENCELINE FED 2-24-8-16	24	080S	160E	4301332364		Federal	OW	APD	K
FENCELINE FED 1-24-8-16	24	080S	160E	4301332365		Federal	OW	APD	K
FEDERAL 10-24-8-16	24	080S	160E	4301332366		Federal	OW	APD	K
FEDERAL 13-29-8-16	29	080S	160E	4301332450		Federal	OW	APD	K
FEDERAL 16-30-8-16	30	080S	160E	4301332451		Federal	OW	APD	K
FENCE LINE FED 3-19-8-17	19	080S	170E	4301332370		Federal	OW	APD	K
FENCE LINE FED 4-19-8-17	19	080S	170E	4301332371		Federal	OW	APD	K
FENCE LINE FED 5-19-8-17	19	080S	170E	4301332372	14125	Federal	OW	P	K
FENCE LINE FED 6-19-8-17	19	080S	170E	4301332373	14529	Federal	OW	DRL	K
ASHLEY ST 1-2-9-15	02	090S	150E	4301332436		State	OW	APD	K
ASHLEY ST 8-2-9-15	02	090S	150E	4301332437		State	OW	APD	K
ASHLEY FED 14-15-9-15	15	090S	150E	4301332440	12419	Federal	OW	P	K
GB FED 10-3-9-17	03	090S	170E	4301332184	12391	Federal	OW	P	
FEDERAL 5-11-9-17	11	090S	170E	4301332486	14285	Federal	OW	P	K

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- 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

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: NEWFIELD PRODUCTION COMPANYWell Name: FEDERAL 10-24-8-16Api No: 43-013-32366 Lease Type: FEDERALSection 24 Township 08S Range 16E County DUCHESNEDrilling Contractor NDSI RIG # NS#1**SPUDDED:**Date 03/11/05Time 2:30 PMHow DRY**Drilling will Commence:** \_\_\_\_\_Reported by FLOYD MITCHELLTelephone # 1-435-823-3610Date 03/14/2005 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

012

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Observation		5. Lease Serial No. UTU67170
2. Name of Operator Newfield Production Company		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or No. MON BUTTE NE
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2049 FSL 1970 FEL NW/SE Section 24 T8S R16E		8. Well Name and No. FEDERAL 10-24-8-16
		9. API Well No. 4301332366
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Duchesne, UT

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

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

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

On 03/11/05 MIRU NDSI NS # 1. Spud well @ 2:30 PM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 312.71' KB On 03/25/05 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 6 bbls cement to pit. WOC.

RECEIVED  
APR 04 2005

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Floyd Mitchell	Title Drilling Supervisor
Signature <i>Floyd Mitchell</i>	Date 3-30-2005

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)

**NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT**

8 5/8 CASING SET AT 312.71

LAST CASING 8 5/8" SET AT 312.71'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 310' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company  
 WELL Federal 10-24-8-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS #1

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 42.83'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	300.86
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			302.71
TOTAL LENGTH OF STRING		302.71	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>312.71</b>
TOTAL		300.86	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		300.86	7				

TIMING	1ST STAGE	
BEGIN RUN CSG.	Spud	3/11/2005 2:30 PM
CSG. IN HOLE		3/15/2005 12:00 PM
BEGIN CIRC		3/25/2005 2:01 PM
BEGIN PUMP CMT		3/25/2005 2:14 PM
BEGIN DSPL. CMT		3/25/2005 2:26 PM
PLUG DOWN		3/25/2005 2:33 PM

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

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

COMPANY REPRESENTATIVE Floyd Mitchell

DATE 3/25/2005

011

RECEIVED

MAR 14 2005

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

DIV. OF OIL, GAS & MINING

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RS	COUNTY		
A	99999	14608	43-013-32485	Ashley Federal 7-24-9-15	SW/NE	24	9S	15E	Duchesne	March 7, 2005	3/17/05
WELL 1 COMMENTS: GRPV											
A	99999	14609	43-013-32483	Ashley Federal 3-24-9-15	NE/NW	24	9S	15E	Duchesne	March 9, 2005	3/17/05
WELL 2 COMMENTS: GRPV											
A	99999	14610	43-013-32360	Fenceline Federal 8-24-8-16	SE/NE	24	8S	16E	Duchesne	March 10, 2005	3/17/05
WELL 3 COMMENTS: GRPV											
A	99999	14611	43-013-32366	Federal 10-24-8-16	NW/SE	24	8S	16E	Duchesne	March 11, 2005	3/17/05
WELL 4 COMMENTS: GRPV											
WELL 5 COMMENTS:											

K

K

K

K

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group of well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

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

*Kebbie S. Jones*  
Signature  
Kebbie S. Jones  
Production Clerk  
March 14, 2005  
Title Date

PAGE 02

INLAND

4356463031

03/14/2005 16:35

(3/03)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**014**

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Observation		5. Lease Serial No. UTU67170
2. Name of Operator Newfield Production Company		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or No. MON BUTTE NE
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2049 FSL 1970 FEL NW/SE Section 24 T8S R16E		8. Well Name and No. FEDERAL 10-24-8-16
		9. API Well No. 4301332366
		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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other _____ Weekly Status Report

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.)

On 4/04/2005 MIRU Patterson 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,6325'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 177 jt's of 5.5 J-55, 15.5# csgn. Set @ 6306.85' / KB. Cement with 395 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 475 sks cement mixed @ 14.4 ppg & 1.24 yld. With 50 of dye water returned to pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig 9:00 am on 4-11-05

**RECEIVED**  
**APR 14 2005**

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Ray Herrera	Title Drilling Foreman
Signature <i>Ray Herrera</i>	Date 04/12/2005

**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)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

015

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side	
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Newfield Production Company	
3a. Address    Route 3 Box 3630 Myton, UT    84052	3b. Phone No. (include area code) 435.646.3721
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2049 FSL 1970 FEL NW/SE    Section 24 T8S R16E	
5. Lease Serial No. UTU67170	
6. If Indian, Allottee or Tribe Name.	
7. If Unit or CA/Agreement, Name and/or No. MON BUTTE NE	
8. Well Name and No. FEDERAL 10-24-8-16	
9. API Well No. 4301332366	
10. Field and Pool, or Exploratory Area Monument Butte	
11. County or Parish, State Duchesne, UT	

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

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

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

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Inland operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

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

RECEIVED

MAY 10 2005

DIV. OF OIL, GAS & MINING

COPIES SENT TO OPERATOR  
Date: 5-13-05  
Initials: CFB

I hereby certify that the foregoing is true and correct Name (Printed/Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 05/09/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Title <b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b>	Date _____	Federal Approval of This Action Is Necessary
--	--	---------------	---

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)

Date: 5/10/05  
By: *[Signature]*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

016

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

5. Lease Serial No.  
UTU67170

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
FEDERAL 10-24-8-16

9. API Well No.  
4301332366

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Duchesne, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Newfield Production Company

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

3b. Phone No. (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2049 FSL 1970 FEL  
NW/SE Section 24 T8S R16E

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

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

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

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

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

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

**RECEIVED  
MAY 10 2005  
DIV. OF OIL, GAS & MINING**

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Mandie Crozier

Signature  
*Mandie Crozier*

Title  
Regulatory Specialist

Date  
05/09/2005

**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 \_\_\_\_\_

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(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

<b>SUBMIT IN TRIPLICATE - Other Instructions on reverse side</b>		5. Lease Serial No. UTU67170
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name.
2. Name of Operator Newfield Production Company		7. If Unit or CA/Agreement, Name and/or No. MON BUTTE NE
3a. Address    Route 3 Box 3630 Myton, UT    84052	3b. Phone No. (include are code) 435.646.3721	8. Well Name and No. FEDERAL 10-24-8-16
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2049 FSL 1970 FEL NW/SE    Section 24 T8S R16E		9. API Well No. 4301332366
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Duchesne, UT

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

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

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

Status report for time period 4/18/05-4/27/05

Subject well had completion procedures initiated in the Green River formation on 04-18-05 without the use of a service rig over the well. A cement bond log was run and a total of three Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (6203-6215') (6166-6179') (4 JSPF); #2 (55861-5881')(ALL 4 JSPF); #3 (5434-5446)(5372-5377')(ALL 4 JSPF). Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 4-23-05. Bridge plugs were drilled out. Well was cleaned out to PBTD @ 6289'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 6183'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 4-27-05.

**RECEIVED**

**MAY 23 2005**

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

I hereby certify that the foregoing is true and correct	Title
Name (Printed/ Typed) Kathy Chapman	Office Manager
Signature <i>Kathy Chapman</i>	Date 05/18/2005

**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)

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

5. LEASE DESIGNATION AND SERIAL NO.

UTU-67170

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

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

1a. TYPE OF WORK

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

7. UNIT AGREEMENT NAME

Monument Butte NE

1b. TYPE OF WELL

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

8. FARM OR LEASE NAME, WELL NO.

~~Mon. Butte NE~~ Fed. 10-24-8-16

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.

43-013-32366

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT

Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.\*)

At Surface 2049' FSL & 1970' FEL (NW/SE) Sec. 24, T8S, R16E

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

Sec. 24, T8S, R16E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-32366 DATE ISSUED 7/15/02

12. COUNTY OR PARISH Duchesne

13. STATE UT

15. DATE SPUDDED 3/11/05

16. DATE T.D. REACHED 4/11/05

17. DATE COMPL. (Ready to prod.) 4/27/05

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5406' GL 5418' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6325'

21. PLUG BACK T.D., MD & TVD 6289'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY ----->

ROTARY TOOLS X

CABLE TOOLS

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

Green River 5372'-6215'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	313'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6307'	7-7/8"	395 sx Premilite II and 475 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 6183'	TA @ 6086'

30. TUBING RECORD

PERFORATION RECORD (Interval, size and number)	SIZE	SPF/NUMBER	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
INTERVAL (CP1&2) 6166'-6179, 6203'-6215'	.41"	4/100	DEPTH INTERVAL (MD) 6166'-6215' AMOUNT AND KIND OF MATERIAL USED Frac w/ 89,703# 20/40 sand in 686 bbls fluid
(LODC) 5861'-5881'	.41"	4/80	5861'-6881' Frac w/ 60,106# 20/40 sand in 494 bbls fluid
(D3&C) 5372'-5377', 5434'-5446'	.41"	4/68	5372'-5446' Frac w/ 78,093# 20/40 sand in 604 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
4/27/05	2-1/2" x 1-1/2" x 10' x 14' CDI Pump	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	50	13	89	260
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.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined by me or a duly authorized representative.

SIGNED Mandie Crozier

TITLE Regulatory Specialist

DATE 6/20/2005

Mandie Crozier

MC

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Mon. Butte NE Fed. 10-24-8-16	Garden Gulch Mkr	4193'	
				Garden Gulch 1	4403'	
				Garden Gulch 2	4528'	
				Point 3 Mkr	4816'	
				X Mkr	5050'	
				Y-Mkr	5084'	
				Douglas Creek Mkr	5217'	
				BiCarbonate Mkr	5488'	
				B Limestone Mkr	5620'	
				Castle Peak	6122'	
				Basal Carbonate		
				Total Depth (LOGGERS)	6325'	

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

ENTITY ACTION FORM  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL, GAS AND MINING

FORM 6

OPERATOR ACCT NO: N2695

ACTIN CODE	CRRNT ENTITY	NEW ENTITY	API NUMBER	WELL	QQ	SEC	TWN	RNG	REASON	EFFECTIVE
D	14648	15150	4301332359	FEDERAL 9-24-8-16	NENSE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	99998	15150	4301331633	MONUMENT BUTTE FED NE 11-24	NESW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	12293	15150	4301331990	MBFNE 11-24-8-16	NESW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	14611	15150	4301332366	FEDERAL 10-24-8-16	NWSE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	12244	15150	4301331923	MBFNE 12-24	NWSW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11907	15150	4301331629	MONUMENT BUTTE FED NE 16-24	SESE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11930	15150	4301331630	MONUMENT BUTTE FED 14-24	SESW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11912	15150	4301331628	MON BUTTE FED NE 15-24	SWSE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11984	15150	4301331653	MON BUTTE FED NE 13-24	SWSW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11884	15150	4301331608	MON BUTTE FED 1-25(I)	NENE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11881	15150	4301331601	MONUMENT BUTTE FED 8-25	SENE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11887	15150	4301331604	MONUMENT BUTTE FED 2-25	NWNE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11873	15150	4301331561	MON BUTTE FED 7-25	SWNE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11882	15150	4301331596	MONUMENT BUTTE FED 6-25	SENE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11922	15150	4301331605	MON BUTTE FED 3-25	NENW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11897	15150	4301331600	MON BUTTE FED 9-25	NESE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11874	15150	4301331562	MONUMENT BUTTE FED 10-25	NWSE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11899	15150	4301331597	MONUMENT BUTTE FED 16-25	SESE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11847	15150	4301331559	MON BUTTE FED 15-25	SWSE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11840	15150	4301331554	MONUMENT BUTTE FED 12-25	NWSW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11841	15150	4301331553	MON BUTTE FED 11-25	NESW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11805	15150	4301331531	MONUMENT BUTTE FED 14-25	SESW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11786	15150	4301331513	MON BUTTE FED 13-25	SWSW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11900	15150	4301331502	MON BUTTE FED 15-26	SWSE	26	8S	16E	Monument Butte North East EOR	1/1/2006
D	11814	15150	4301331517	MONUMENT BUTTE FED 16-26	SESE	26	8S	16E	Monument Butte North East EOR	1/1/2006

*new entity assigned 1/31/06  
 ER, DOGM*

**RECEIVED**  
**JAN 25 2006**

KIM KETTLE  
 PRODUCTION CLERK 1/25/2006

<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>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-67170
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 10-24-8-16	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013323660000	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2049 FSL 1970 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 24 Township: 08.0S Range: 16.0E Meridian: S	<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/23/2011  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER: <input style="width: 100px; height: 15px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 08/14/2011. On 08/22/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/23/2011 the casing was pressured up to 1470 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Dennis Ingram.</p>		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/29/2011	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

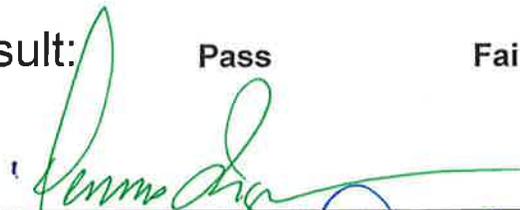
Witness: DENNIS INGRAM Date 8/23/11 Time 2:00 am pm  
Test Conducted by: DAVID CLOWARD  
Others Present: DENNIS INGRAM

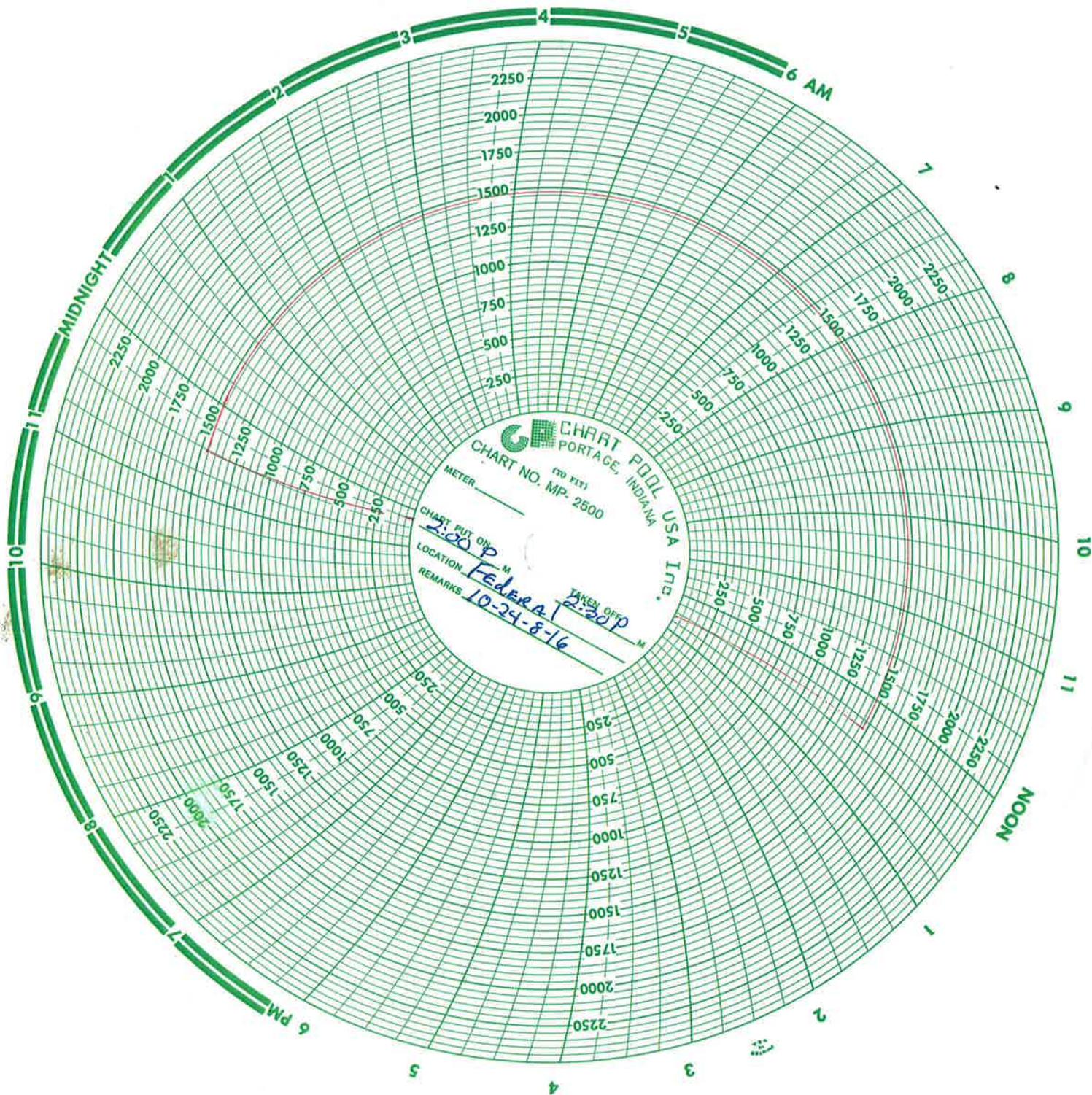
Well: <u>FEDERAL 10-24-8-16</u>	Field: <u>FEDERAL 10-24-8-16</u>
Well Location: <u>FEDERAL 10-24-8-16</u>	<u>Duchesne County, Utah</u>
<u>NW/SE, 24, T8S, R16E</u>	API No: <u>UTU 87538X</u>
	<u>43-013-32366</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1470</u>	psig
5	<u>1470</u>	psig
10	<u>1470</u>	psig
15	<u>1470</u>	psig
20	<u>1470</u>	psig
25	<u>1470</u>	psig
30 min	<u>1470</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness:   
Signature of Person Conducting Test: David Cloward



# Monument Butte NE Federal 10-24-8-16

Spud Date: 03/11/05  
 Put on Production: 04/27/05  
 GL: 5406' **KB: 5416'**

## Injector Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.71')  
 DEPTH LANDED: 312.71'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160sxs Class G with 2% CaCL.

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 178 jts. (6308.85')  
 DEPTH LANDED: 6306.85' **KB**  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 395 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ mix,  
 CEMENT TOP AT: 500'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 170jts (5293.7')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5305.7' **KB**  
 CE @ 5310.14'  
 TOTAL STRING LENGTH: 5314' w/ 12' **KB**

### FRAC JOB

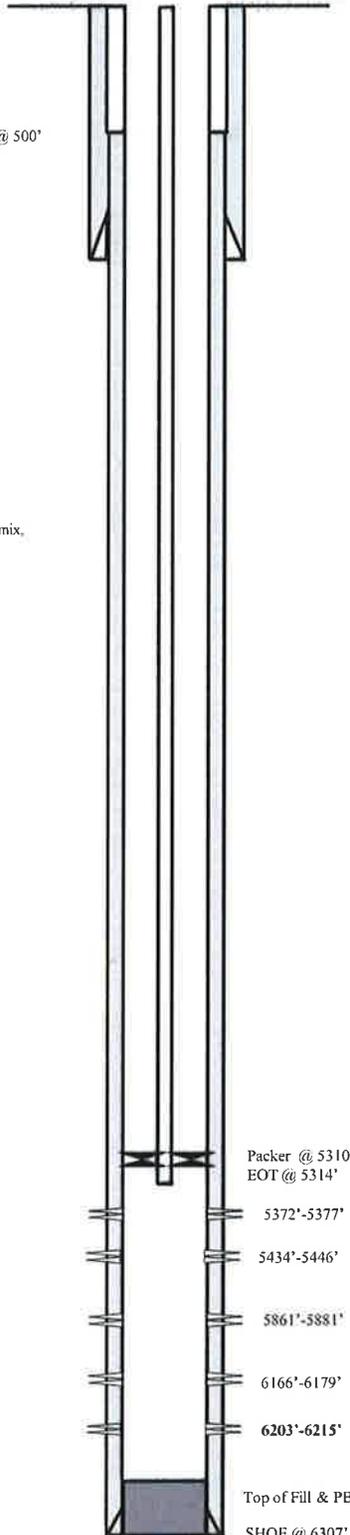
04/20/05 6166'-6215' **Frac CP1 and CP2 sands as follows:**  
 89,703# of 20/40 sand in 686 bbls lightning frac 17 fluid. Treated @ avg press of 2116 w/ avg rate of 24.7 bpm. ISIP 2270 psi. Calc flush: 6164 gal. Actual flush: 6132 gal.

04/22/05 5861'-5881' **Frac LODC sands as follows:**  
 60,106# of 20/40 sand in 494 bbls lightning frac 17 fluid. Treated @ avg press of 2546 w/avg rate of 23.5 bpm. ISIP 2590 psi. Calc flush: 5859 gal. Actual flush: 5838 gal.

04/22/05 5372'-5446' **Frac C and D3 sands as follows:**  
 78,093# of 20/40 sand in 604 bbls lightning 17 frac fluid. Treated @ avg press of 1906 w/avg rate of 25.6 bpm. ISIP 1960 psi. Calc flush: 5370 gal. Actual flush: 5250 gal.

4/20/09 **Pump Change.** Updated r & t details.  
 4/15/10 **Tubing Leak.** Updated rod & tubing details.  
 8/14/11 **Convert to Injection well**  
 8/23/11 **Conversion MIT Finalized** - update tbg detail

Cement Top @ 500'



### PERFORATION RECORD

Date	Depth Range	Tool	Holes
04/20/05	6203'-6215'	4 JSPF	48 holes
04/20/05	6166'-6179'	4 JSPF	52 holes
04/22/05	5861'-5881'	4 JSPF	80 holes
04/22/05	5434'-5446'	4 JSPF	48 holes
04/22/05	5372'-5377'	4 JSPF	20 holes

**NEWFIELD**

**MONUMENT BUTTE NE FEDERAL 10-24-8-16**

2049' FSL & 1970' FEL

NW/SE Section 24-T8S-R16E

Duchesne Co, Utah

API #43-013-32366; Lease #UTU-67170

**Daily Activity Report****Format For Sundry****FEDERAL 10-24-8-16****6/1/2011 To 10/30/2011****8/14/2011 Day: 1****Conversion**

WWS #7 on 8/14/2011 - MIRUSU. LD rods. - Check pressure on tbg, 3050 psi. RU sandline. Retrieve SV w/ sandline. Pump 50 bbls packer fluid down tbg-csg annulus. ND BOPs. Set Arrowset 1-X packer w/ CE @ 5310' & EOT @ 5314' w/ 15,000 #s tension. NU wellhead. Fill annulus w/ 10 bbls packer fluid & pressure to 1500 psi. Bled trapped air off csg & re-pressure. Held pressure test for 30 min w/ 0 psi loss. RDMOSU. Ready for MIT. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 60 BW @ 250°. Soft seat rods. Pressure test tbg & 3000 psi. LD 1 1/2" X 22' polished rod, 2',6' X 7/8" ponies, 99- 7/8" 4 per guided rods & 40 3/4" plain rods. SWIFN. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 60 BW @ 250°. Soft seat rods. Pressure test tbg & 3000 psi. LD 1 1/2" X 22' polished rod, 2',6' X 7/8" ponies, 99- 7/8" 4 per guided rods & 40 3/4" plain rods. SWIFN. - Check pressure on tbg, 3050 psi. RU sandline. Retrieve SV w/ sandline. Pump 50 bbls packer fluid down tbg-csg annulus. ND BOPs. Set Arrowset 1-X packer w/ CE @ 5310' & EOT @ 5314' w/ 15,000 #s tension. NU wellhead. Fill annulus w/ 10 bbls packer fluid & pressure to 1500 psi. Bled trapped air off csg & re-pressure. Held pressure test for 30 min w/ 0 psi loss. RDMOSU. Ready for MIT. - Check pressure on tbg, 3050 psi. RU sandline. Retrieve SV w/ sandline. Pump 50 bbls packer fluid down tbg-csg annulus. ND BOPs. Set Arrowset 1-X packer w/ CE @ 5310' & EOT @ 5314' w/ 15,000 #s tension. NU wellhead. Fill annulus w/ 10 bbls packer fluid & pressure to 1500 psi. Bled trapped air off csg & re-pressure. Held pressure test for 30 min w/ 0 psi loss. RDMOSU. Ready for MIT. - Flush tbg & rods w/ 40 BW @ 250°. Continue LD rods as detailed. LD rod pump. ND wellhead. Release TA. NU BOPs. RU rig floor. PU 3- jts tbg & tag fill @ 6272' (69' new fill). TOH w/ tbg (talleying, breaking collars & applying liquid O-ring to threads). LD 28- jts & BHA. Flush tbg w/ 45 BW @ 250° during TOH. TIH w/ Arrowset 1-X packer, SN & 170- jts 2 7/8" 6.5# 8rd EUE tbg. Pump 20 BW down tbg & drop standing valve. Pump standing valve dwon w/ 25 BW. Pressure tbg to 3000 psi. SWIFN. - Flush tbg & rods w/ 40 BW @ 250°. Continue LD rods as detailed. LD rod pump. ND wellhead. Release TA. NU BOPs. RU rig floor. PU 3- jts tbg & tag fill @ 6272' (69' new fill). TOH w/ tbg (talleying, breaking collars & applying liquid O-ring to threads). LD 28- jts & BHA. Flush tbg w/ 45 BW @ 250° during TOH. TIH w/ Arrowset 1-X packer, SN & 170- jts 2 7/8" 6.5# 8rd EUE tbg. Pump 20 BW down tbg & drop standing valve. Pump standing valve dwon w/ 25 BW. Pressure tbg to 3000 psi. SWIFN. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 60 BW @ 250°. Soft seat rods. Pressure test tbg & 3000 psi. LD 1 1/2" X 22' polished rod, 2',6' X 7/8" ponies, 99- 7/8" 4 per guided rods & 40 3/4" plain rods. SWIFN. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 60 BW @ 250°. Soft seat rods. Pressure test tbg & 3000 psi. LD 1 1/2" X 22' polished rod, 2',6' X 7/8" ponies, 99- 7/8" 4 per guided rods & 40 3/4" plain rods. SWIFN. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 60 BW @ 250°. Soft seat rods. Pressure test tbg & 3000 psi. LD 1 1/2" X 22' polished rod, 2',6' X 7/8" ponies, 99- 7/8" 4 per guided rods & 40 3/4" plain rods. SWIFN. - Check pressure on tbg, 3050 psi. RU sandline. Retrieve SV w/ sandline. Pump 50 bbls packer fluid down tbg-csg annulus. ND BOPs. Set Arrowset 1-X packer w/ CE @ 5310' & EOT @ 5314' w/ 15,000 #s tension. NU wellhead. Fill annulus w/ 10 bbls packer fluid & pressure to 1500 psi. Bled trapped

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**Daily Cost:** \$0

**Cumulative Cost:** \$4,488

**8/29/2011 Day: 4**

**Conversion MIT**

Rigless on 8/29/2011 - Conduct initial MIT - On 08/22/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/23/2011 the casing was pressured up to 1470 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 - Dennis Ingram. FINAL REPORT - On 08/22/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/23/2011 the casing was pressured up to 1470 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 - Dennis Ingram. FINAL REPORT **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$56,635

**Pertinent Files: Go to File List**

<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.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-67170
1. TYPE OF WELL Water Injection Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: FEDERAL 10-24-8-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2049 FSL 1970 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 24 Township: 08.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013323660000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
9. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
STATE: UTAH	STATE: 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: 2/15/2012	<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 type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input 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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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 1:30 PM on 02/15/2012.

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

Date: February 16, 2012

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 2/15/2012	

001



June 25, 2002

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

RE: Applications for Permit to Drill: 1-24-8-16, 2-24-8-16, 3-24-8-16, 6-24-8-16,  
7-24-8-16, 8-24-8-16, 9-24-8-16, and 10-24-8-16.

Dear Brad:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

  
Mandie Crozier  
Permit Clerk

mc  
enclosures

**RECEIVED**

JUN 27 2002

**DIVISION OF  
OIL, GAS AND MINING**

003

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.  
**U-67170**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**Mon. Butte NE**

8. FARM OR LEASE NAME WELL NO  
**FEDERAL 10-24-8-16**

9. API WELL NO.  
**43-013-32366**

10. FIELD AND POOL OR WILDCAT  
**Monument Butte**

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
**NW/SE  
Sec. 24, T8S, R16E**

12. County  
**Duchesne**

13. STATE  
**UT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL**  **DEEPEN**

1b. TYPE OF WELL

OIL WELL  GAS WELL  OTHER

SINGLE ZONE  MULTIPLE ZONE

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

3. ADDRESS OF OPERATOR  
**Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At Surface **NW/SE 2049' FSL 1970' FEL 4439270Y 40.10184**  
At proposed Prod. Zone **579740X - 110.06418**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 12.2 miles south of Myton, Utah**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
<b>Approx. 591' f/lse line &amp; 591' f/unit line</b>	<b>960.00</b>	<b>40</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
<b>Approx. 1215'</b>	<b>6500'</b>	<b>Rotary</b>

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5406' GR**

22. APPROX. DATE WORK WILL START\*  
**3rd Quarter 2002**

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.

*Federal Approval of this  
Action is Necessary*

**RECEIVED**  
JUN 27 2002  
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 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 *Martin Cozies* TITLE **Permit Clerk** DATE *6/25/02*

(This space for Federal or State office use)

PERMIT NO. *43-013-32366* 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:

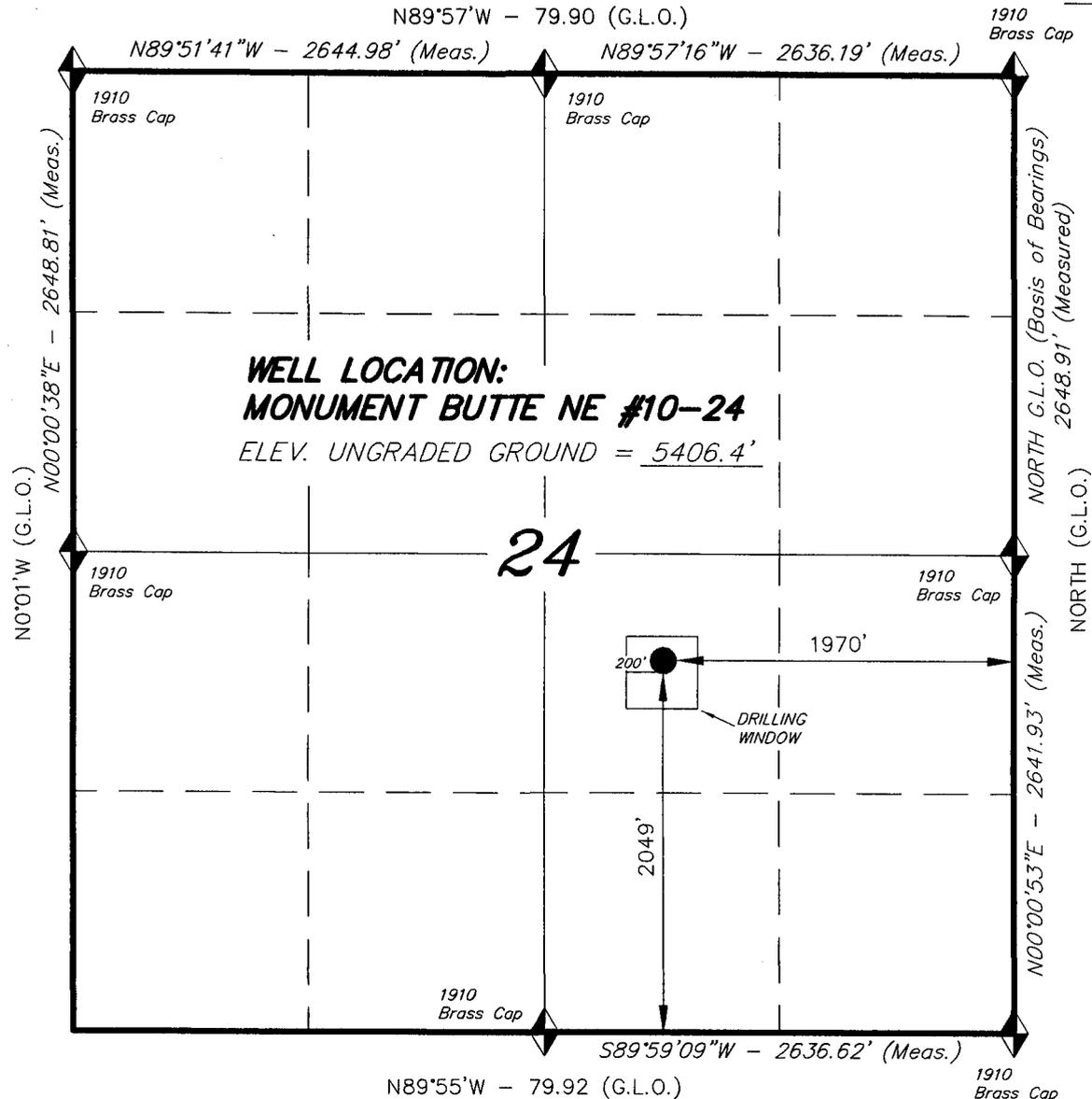
APPROVED BY *Bradley Hill* TITLE **BRADLEY G. HILL** DATE *07-15-02*  
**RECLAMATION SPECIALIST III**

\*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.

# T8S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY



WELL LOCATION, MONUMENT BUTTE NE #10-24, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 24, T8S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

202



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.

*Stacy W. Stewart*  
 REGISTERED LAND SURVEYOR  
 No. 189377  
 REGISTRATION No. 189377  
 STATE OF UTAH  
**STACY W. STEWART**  
 REGISTERED LAND SURVEYOR  
 No. 189377  
 UTAH 084078

**TRI STATE LAND SURVEYING & CONSULTING**  
 38 WEST 100 NORTH - VERNON, UTAH 84078  
 (435) 781-2501

◆ = SECTION CORNERS LOCATED  
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 5-21-02	DRAWN BY: J.R.S.
NOTES:	FILE #

INLAND PRODUCTION COMPANY  
MON. BUTTE NE FEDERAL #10-24-8-16  
NW/SE SECTION 24, T8S, R16E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1640'
Green River	1640'
Wasatch	6500'

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

Green River Formation 1640' – 6500' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 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.

**INLAND PRODUCTION COMPANY  
MON. BUTTE NE FEDERAL #10-24-8-16  
NW/SE SECTION 24, T8S, 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 Mon. Butte NE Federal #10-24-8-16 located in the NW 1/4 SE 1/4 Section 24, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 9.7 miles ± to its junction with an existing road to the west; proceed westerly - 0.2 miles ± to its junction with an existing road to the northwest; proceed northwesterly - 0.7 miles ± to its junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road 125' ± to the proposed well location.

**2. PLANNED ACCESS ROAD**

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

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

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

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

**5. LOCATION AND TYPE OF WATER SUPPLY**

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

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

**9. WELL SITE LAYOUT**

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).

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 Paleontological Resource Survey and Archaeological Resource Survey for this area will be forthcoming.

Inland Production Company requests a 60' ROW for the Mon. Butte NE Federal #10-24-8-16 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

**Water Disposal**

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.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #10-24-8-16 NW/SE Section 24, Township 8S, Range 16E: Lease U-67170 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

6/25/02  
Date

Mandie Crozier  
Mandie Crozier  
Permit Clerk

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Mon. Butte NE Federal 10-24-8-16

API Number:

Lease Number: U-67170

Location: NW/SE Sec. 24, T8S, R16E

**SURFACE USE PROGRAM**  
**CONDITIONS OF APPROVAL**

**CULTURAL RESOURCES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**PALEONTOLOGICAL RESOURCES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**SOILS, WATERSHEDS, AND FLOODPLAINS**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**WILDLIFE AND FISHERIES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

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

**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.

**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 and 2002 USFWS Survey Protocol).

See also *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**LOCATION AND RESERVE PIT RECLAMATION**

During construction of the reserve pit, a small amount of topsoil shall be stockpiled nearby, to be spread over the reserve pit area at the time the reserve pit is reclaimed.

The topsoil stockpile shall be reseeded immediately after site construction by broadcasting the seed, then walking the topsoil stockpile with the dozer to plant the seed.

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

Shadscale	<i>Atriplex confertifolia</i>	4 lbs/acre
Indian ricegrass	<i>Oryzopsis hymenoides</i>	4 lbs/acre
galleta grass	<i>Hilaria jamesii</i>	4 lbs/acre

The reserve pit shall be reclaimed immediately after drilling operations have ceased. The pit shall be reclaimed by: 1) removing all liquids and any oily debris according to Utah Division of Oil, Gas, & Mining pit closure rules; 2) perforating and folding the liner in place; 3) recontouring the surface; 4) broadcasting the seed over the recontoured surface; and 5) walking the surface of the pit with a dozer to plant the seed.

At the time of final abandonment, the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately.

**PIPELINES**

Installation of a surface gas pipeline and/or any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

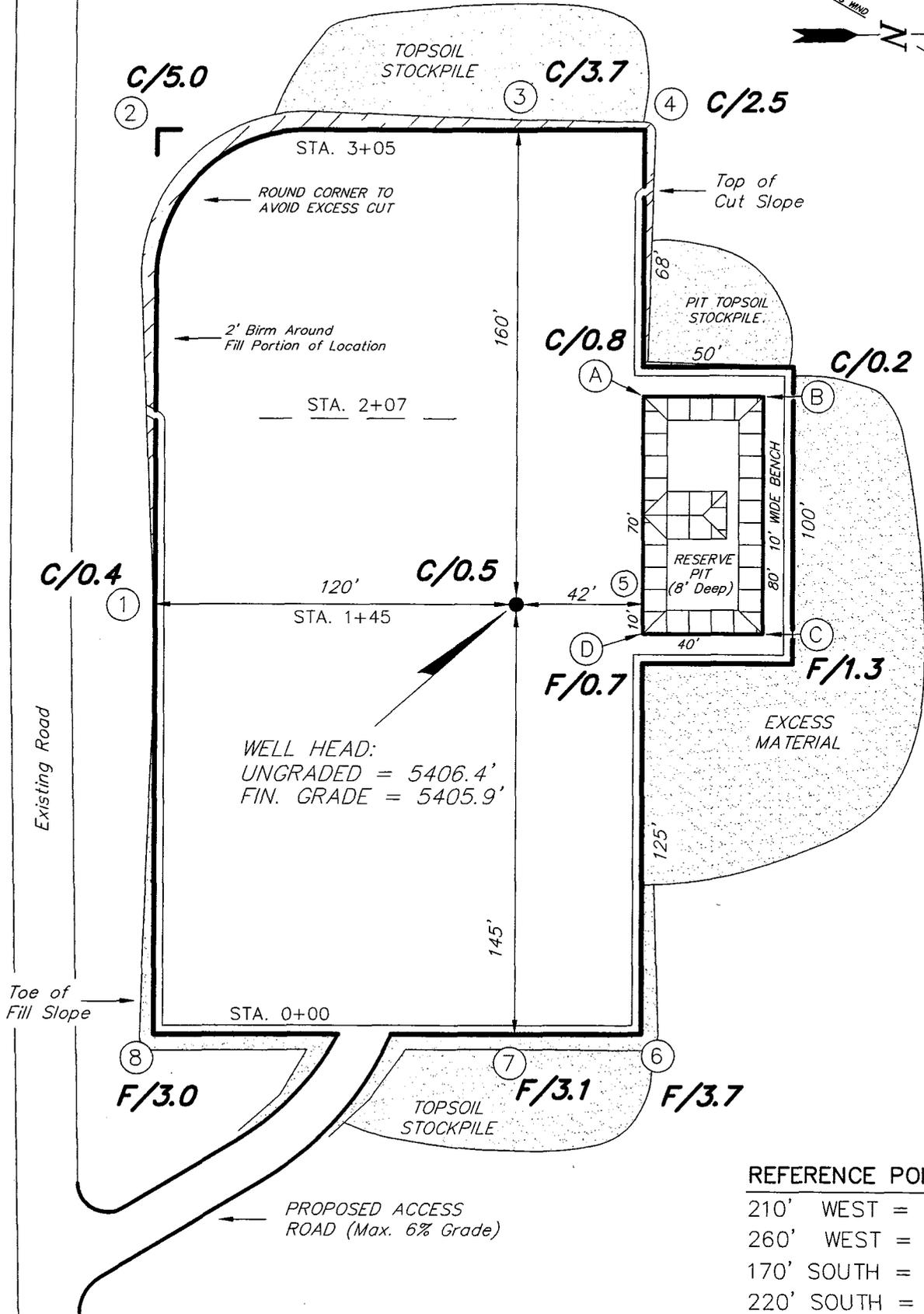
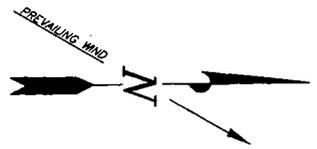
Except as specified in the APD, the installation of the surface gas line and any subsequent buried pipelines will follow the edge of the existing roadways without interfering with the normal travel and maintenance of the roadway.

The installation of any buried pipelines will disturb as little surface as possible and will not exceed 60 feet in width. Reclamation of the disturbance area associated with buried pipelines will be completed within 10 days after installation. The surface will be recontoured to natural or near natural contours. Reseeding will be with the same seed mixture specified for reclamation of the reserve pit and well site. The interface of the buried line disturbance area and the edge of any adjacent access roads will be constructed with a borrow ditch and road berm to minimize vehicular travel along the water line route.

**OTHER**

# INLAND PRODUCTION COMPANY

MONUMENT BUTTE NE #10-24  
SEC. 24, T8S, R16E, S.L.B.&M.



### REFERENCE POINTS

- 210' WEST = 5410.3'
- 260' WEST = 5411.2'
- 170' SOUTH = 5405.3'
- 220' SOUTH = 5404.7'

SURVEYED BY: D.J.S.

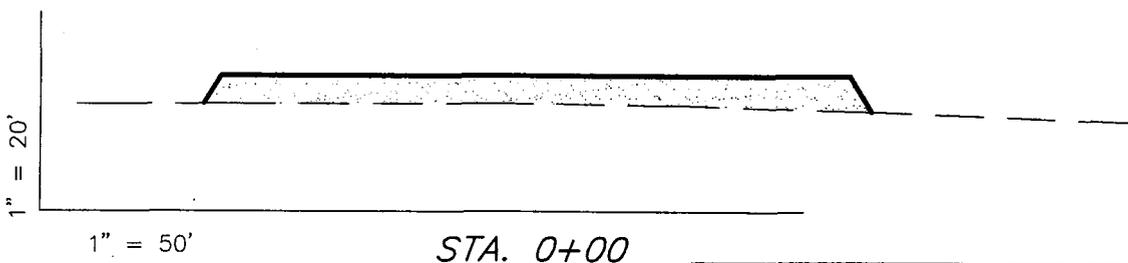
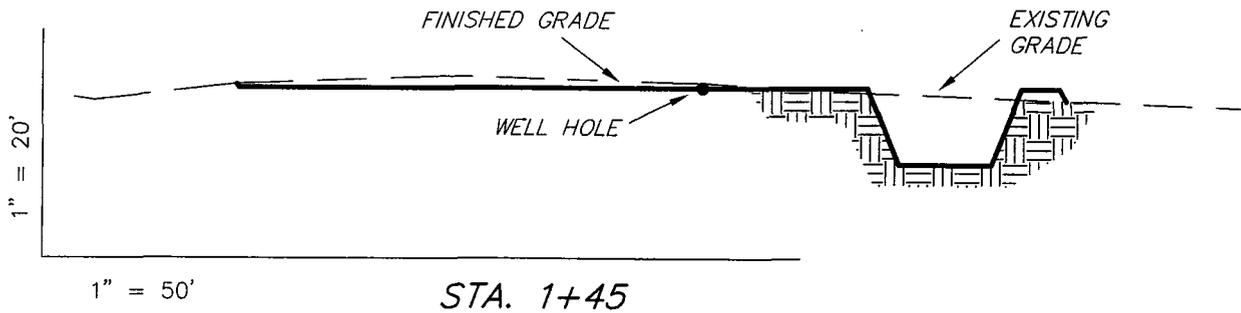
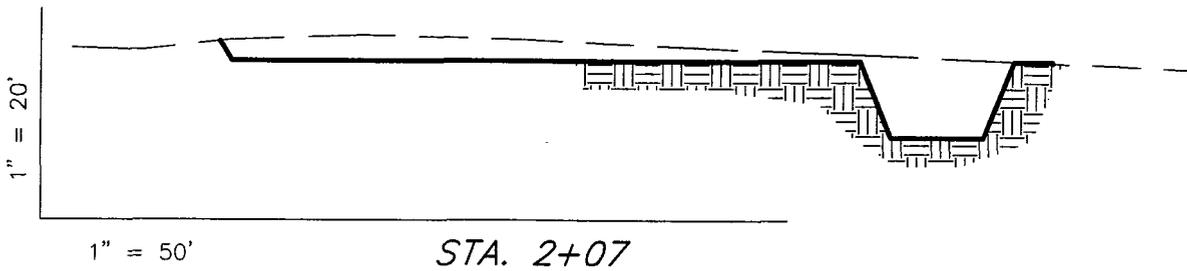
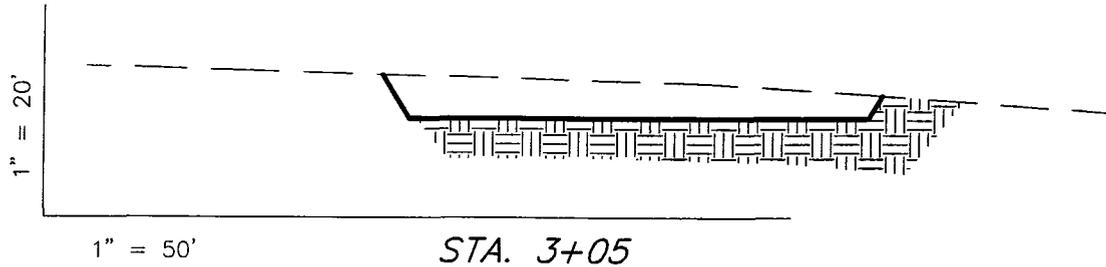
SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 5-21-02

**Tri State** (435) 781-2501  
Land Surveying, Inc.  
38 WEST 100 NORTH VERNAL, UTAH 84078

**INLAND PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**MONUMENT BUTTE NE #10-24**



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

ESTIMATED EARTHWORK QUANTITIES				
(Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,710	1,710	Topsoil is not included in Pad Cut	0
PIT	640	0		640
<b>TOTALS</b>	<b>2,350</b>	<b>1,710</b>	<b>1,010</b>	<b>640</b>

SURVEYED BY: D.J.S.

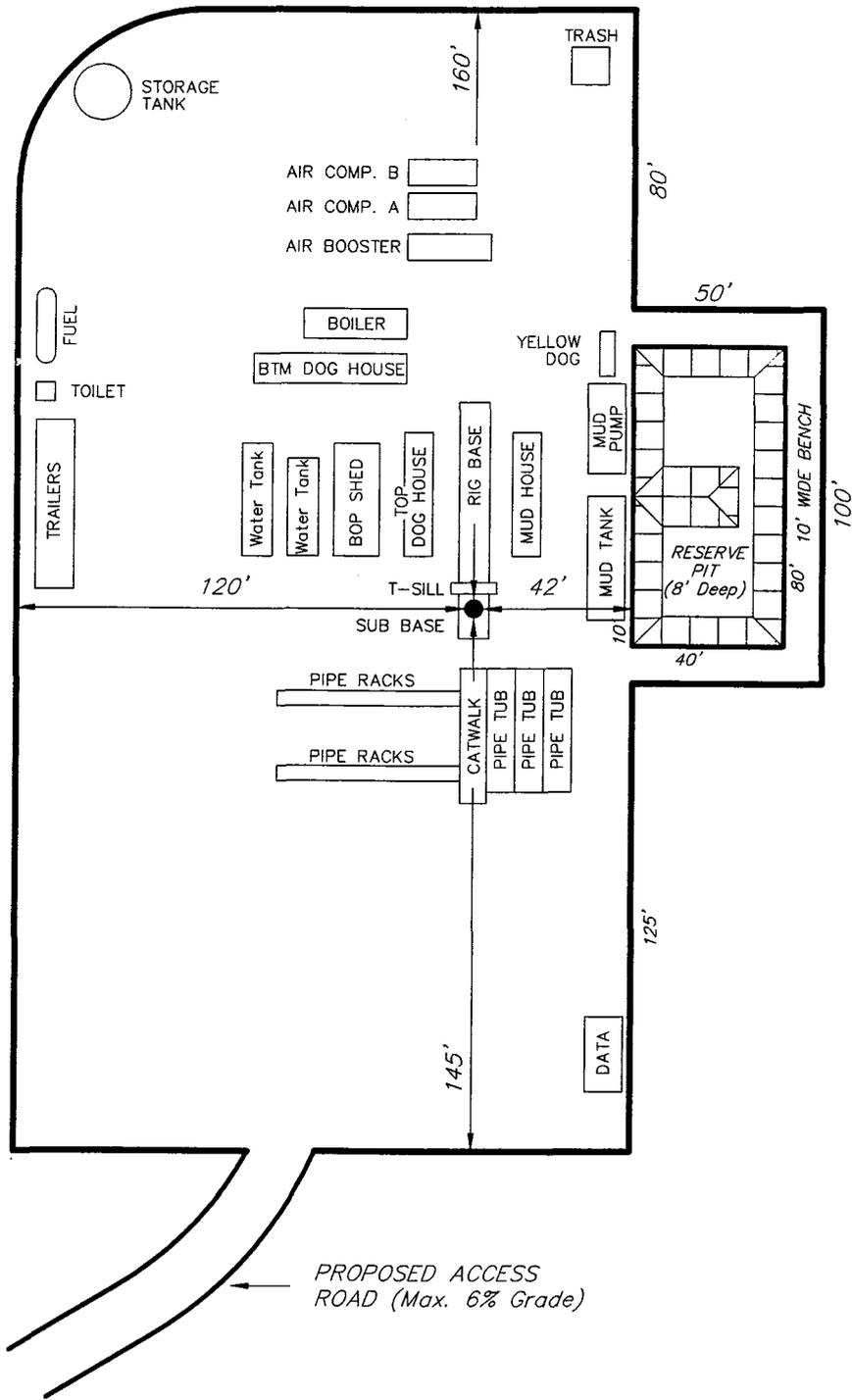
SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 5-21-02

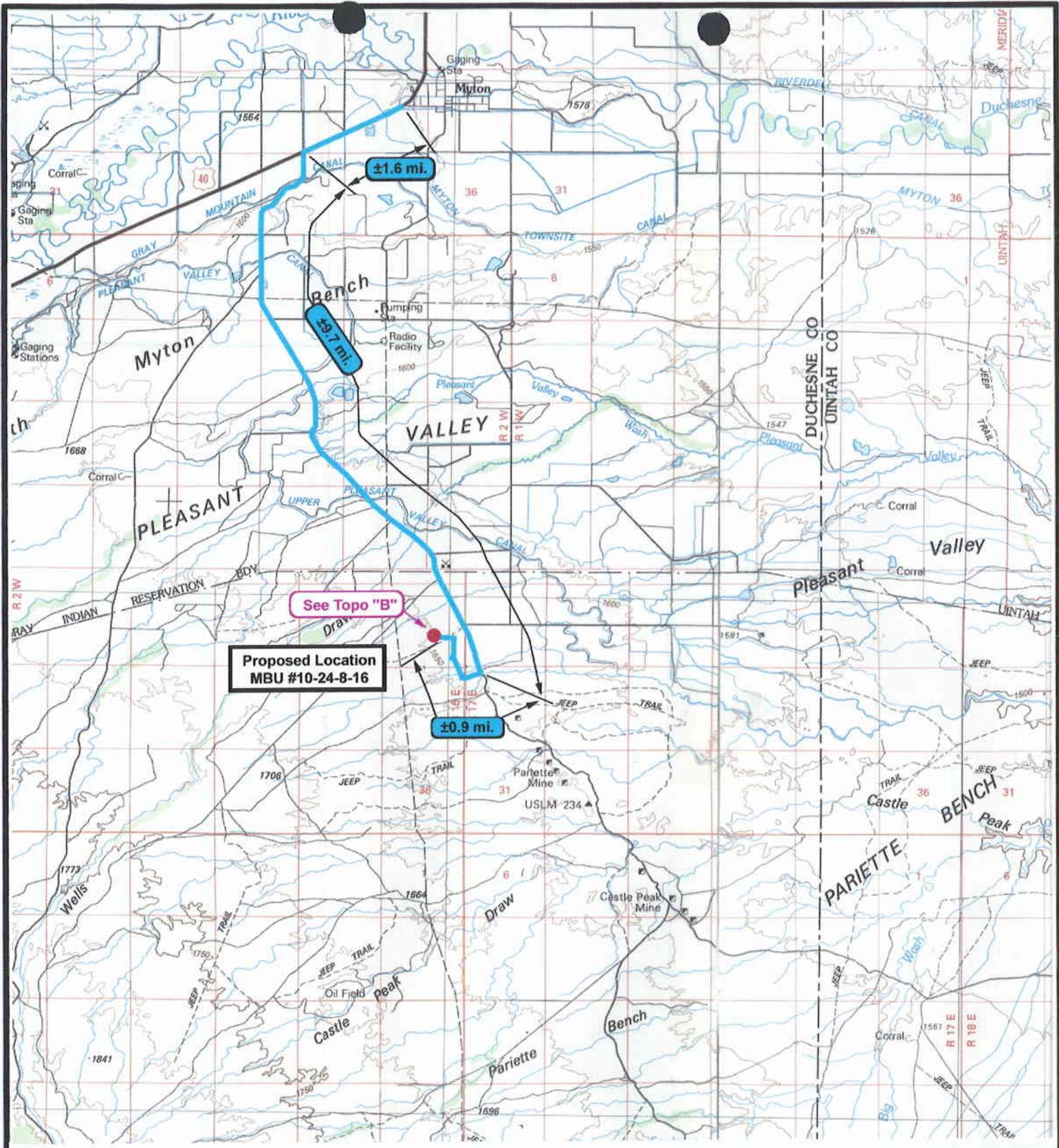
**Tri State**  
 Land Surveying, Inc.      (435) 781-2501  
 38 WEST 100 NORTH VERNAL, UTAH 84078

**INLAND PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**MONUMENT BUTTE NE #10-24**



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: D.J.S.	SCALE: 1" = 50'	<b>Tri State</b> Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078	(435) 781-2501
DRAWN BY: J.R.S.	DATE: 5-21-02		



**Proposed Location  
MBU #10-24-8-16**



**Monument Butte NE #10-24  
SEC. 24, T8S, R16E, S.L.M.**



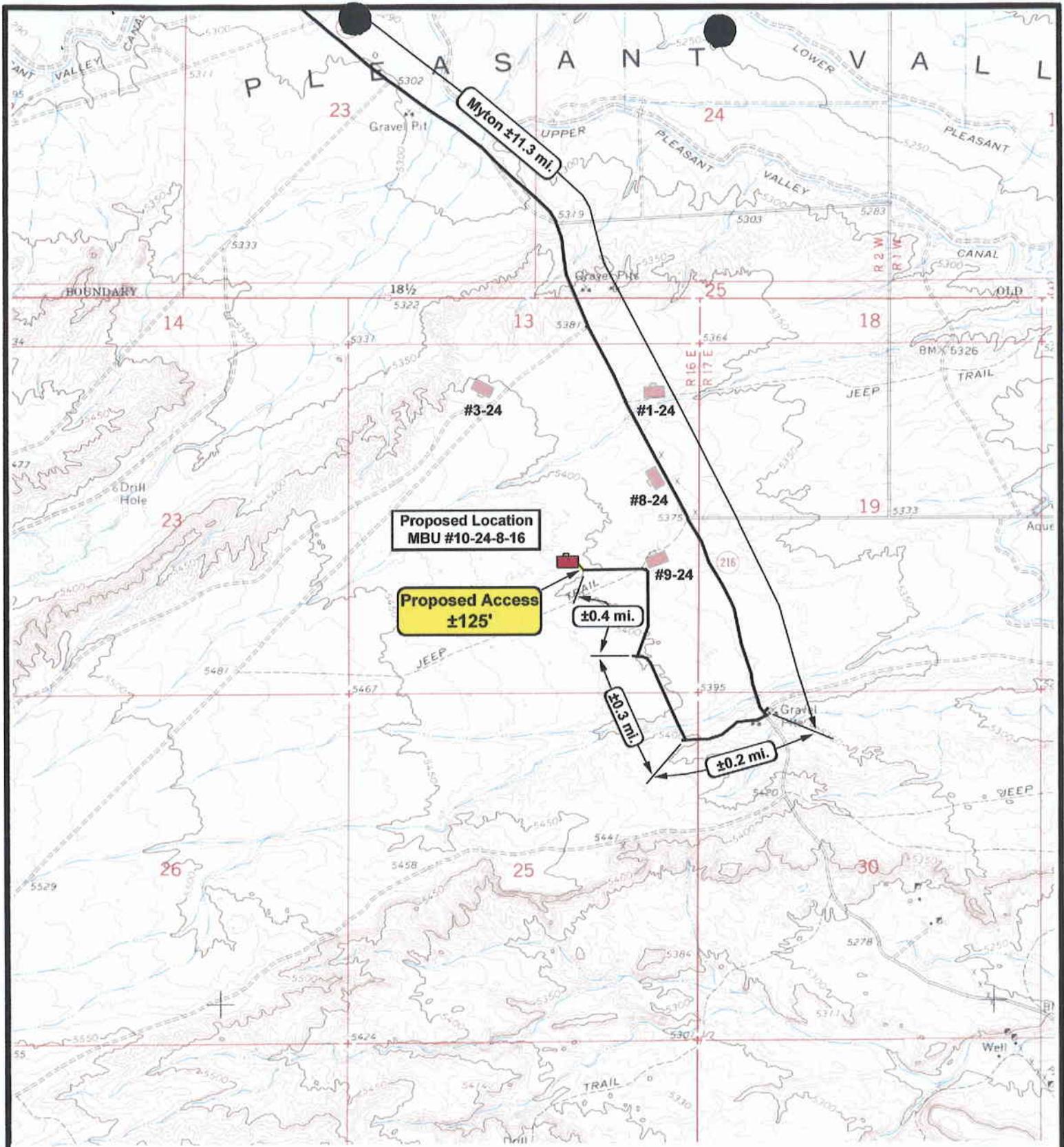
**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 100,000'  
DRAWN BY: R.B.  
DATE: 05-23-2002

**Legend**

Existing Road  
 Proposed Access

TOPOGRAPHIC MAP  
**"A"**



**Monument Butte NE #10-24  
SEC. 24, T8S, R16E, S.L.M.**



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

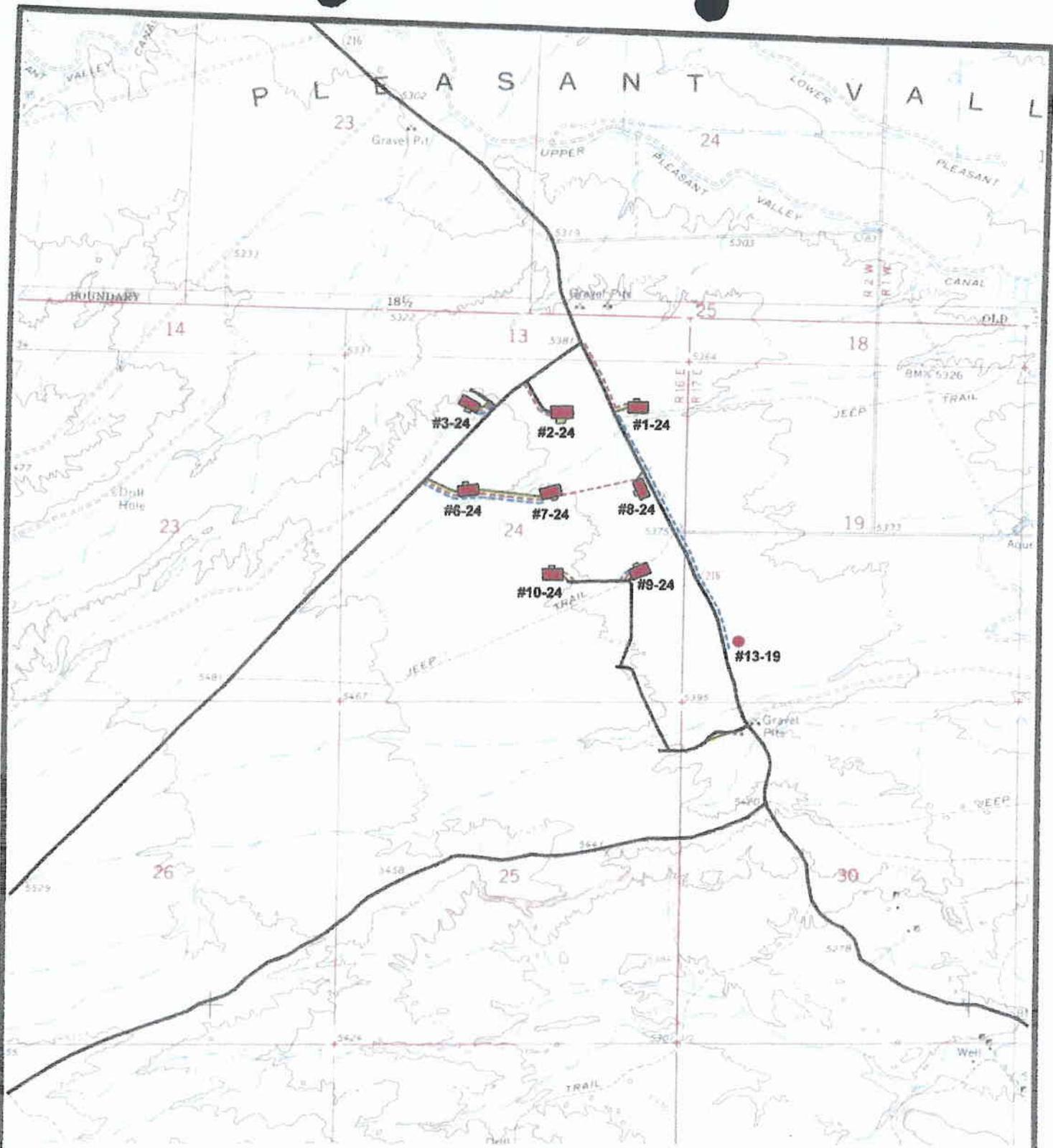
SCALE: 1" = 2000'  
DRAWN BY: R.B.  
DATE: 05-23-2002

**Legend**

Existing Road  
Proposed Access

TOPOGRAPHIC MAP

**"B"**



**Fenceline Unit Gas & Water Pipelines  
SEC. 24, T8S, R16E, S.L.B.&M.**



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

SCALE: 1" = 2000'

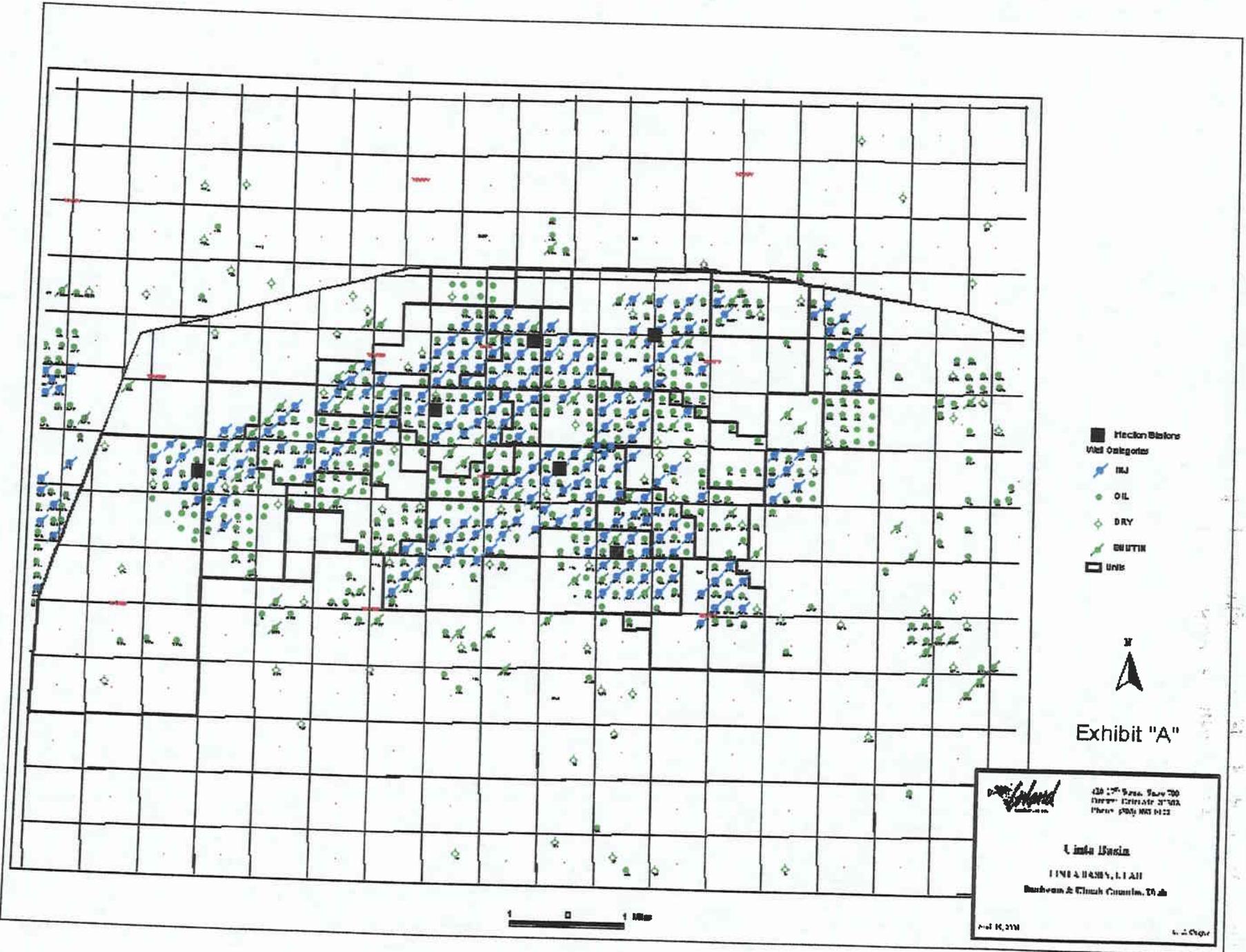
DRAWN BY: R.B.

DATE: 06-11-2002

- Legend**
- Existing Road
  - Proposed Access
  - Proposed Gas Line
  - Proposed Water Line

TOPOGRAPHIC MAP

"C"



- Section Blocks
- Well Categories
- ↗ OIL
- DRY
- ◆ SHUTIN
- UNK

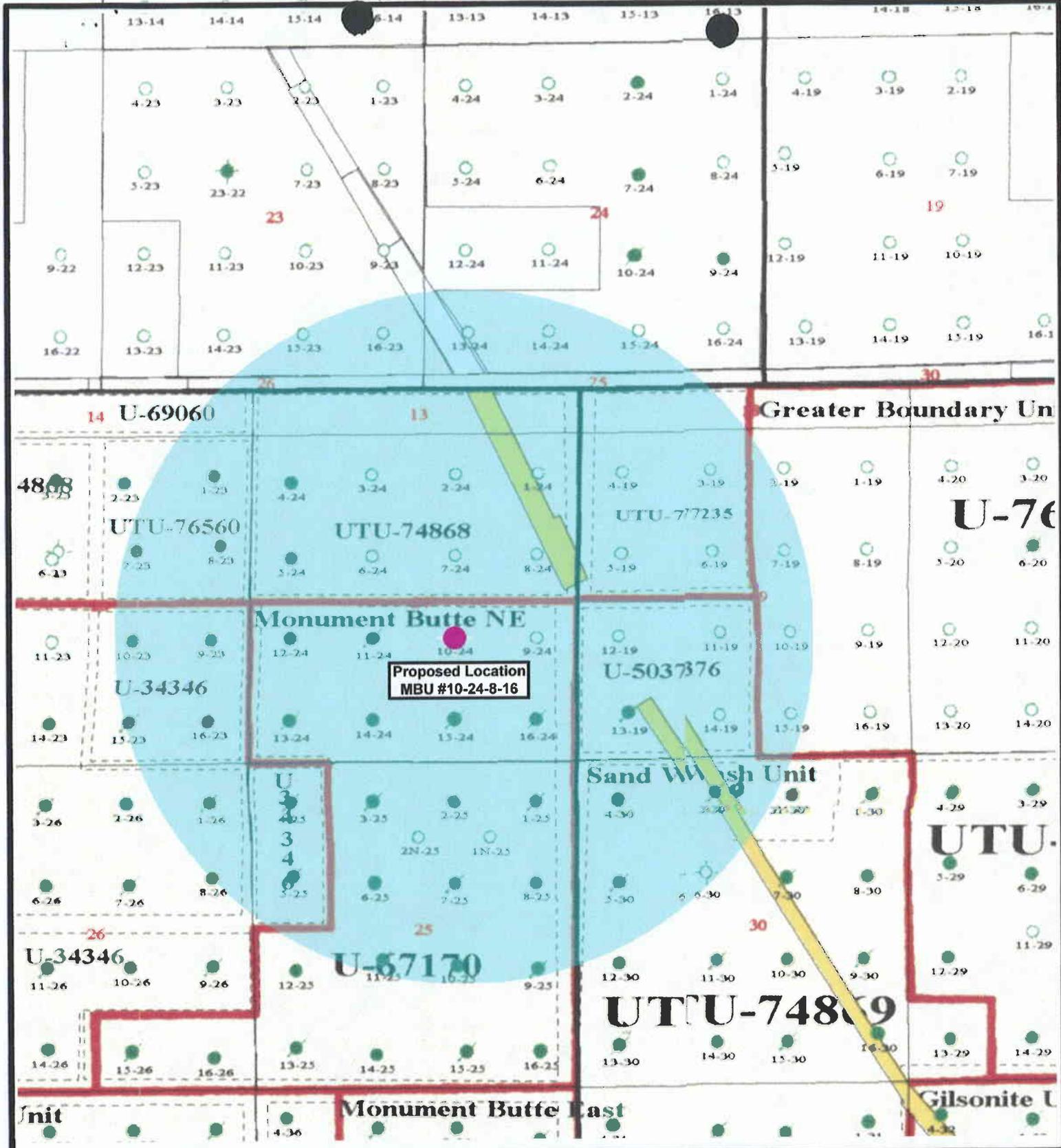


Exhibit "A"

**Shelton**  
 230 1<sup>st</sup> Street, Suite 200  
 Denver, Colorado 80202  
 Phone: 303.733.0122

**Lima Basin**  
 LIMA BASIN, L1 L11  
 Buchanan & Clinch Counties, CO

Page 1 of 10  
 11/1/2009



**Monument Butte NE #10-24  
SEC. 24, T8S, R16E, S.L.M.**



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

SCALE: 1" = 2000'  
DRAWN BY: R.B.  
DATE: 05-23-2002

**Legend**

- Proposed Location
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

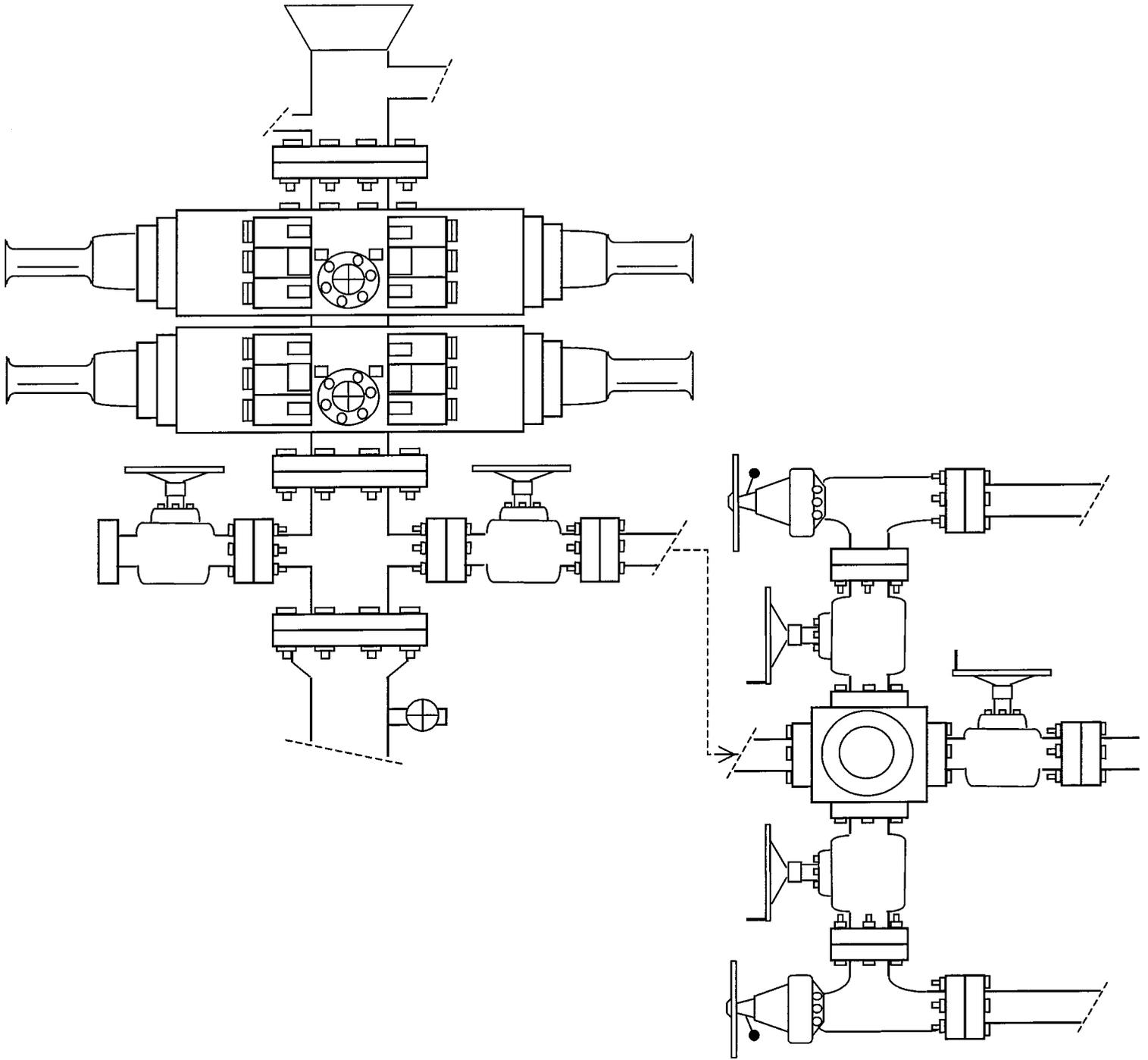


EXHIBIT C

004

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/27/2002

API NO. ASSIGNED: 43-013-32366

WELL NAME: FEDERAL 10-24-8-16  
OPERATOR: INLAND PRODUCTION ( N5160 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:  
NWSE 24 080S 160E  
SURFACE: 2049 FSL 1970 FEL  
BOTTOM: 2049 FSL 1970 FEL  
DUCHESNE  
MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
LEASE NUMBER: U-67170  
SURFACE OWNER: 1 - Federal

LATITUDE: 40.10184  
LONGITUDE: 110.06448

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

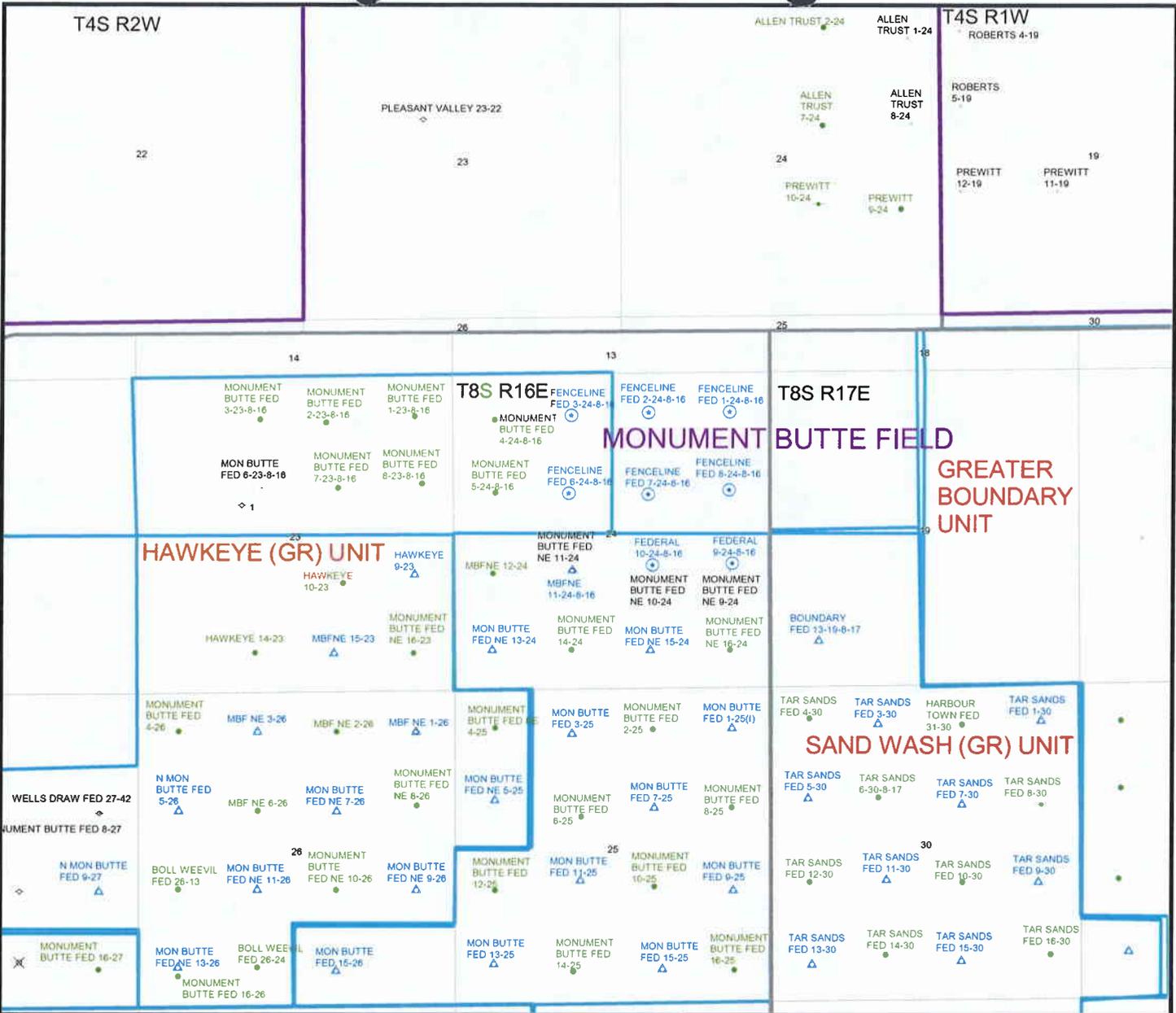
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. ~~Exception~~
- Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS: Sop, Separate file

STIPULATIONS: 1- Fed APDULL  
2- Spacing/Strip

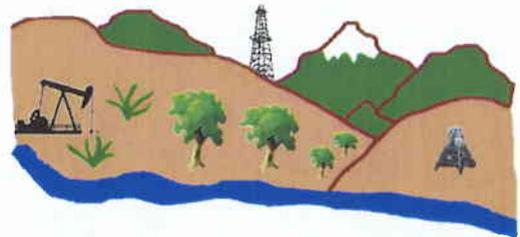


OPERATOR NAME: INLAND PROD (N5160)

SEC. 24 T8S R16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE



**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- Township.shp
- Sections

**Well Status**

- Gas Injection
- Gas Storage
- Location Abandoned
- Location
- Plugged
- Producing Gas
- Producing Oil
- Shut-In Gas
- Shut-In Oil
- Temporarily Abandoned
- Test Well
- Water Injection
- Water Supply
- Water Disposal

**Unit Status**

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

Utah Oil Gas and Mining



Prepared By: D. Mason  
Date: 8-July-2002

005



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

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
(801) 538-5340 telephone  
(801) 359-3940 fax  
(801) 538-7223 TTY  
www.nr.utah.gov

Michael O. Leavitt  
Governor  
Robert L. Morgan  
Executive Director  
Lowell P. Braxton  
Division Director

July, 15, 2002

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

Re: Federal 10-24-8-16 Well, 2049' FSL, 1970' FEL, NW SE, Sec. 24, T. 8 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32366.

Sincerely,

A handwritten signature in cursive script, appearing to read "John R. Baza".

for John R. Baza  
Associate Director

pb  
Enclosures

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

Operator: Inland Production Company  
Well Name & Number Federal 10-24-8-16  
API Number: 43-013-32366  
Lease: U-67170

Location: NW SE                      Sec. 24                      T. 8 South                      R. 16 East

### Conditions of Approval

#### 1. General

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

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

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

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
U-67170

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

JUN 26 2002

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		7. UNIT AGREEMENT NAME <del>Mon. Butte NE</del>	
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. FARM OR LEASE NAME WELL NO FEDERAL 10-24-8-16	
2. NAME OF OPERATOR Inland Production Company		9. API WELL NO.	
3. ADDRESS OF OPERATOR Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721		10. FIELD AND POOL OR WILDCAT Monument Butte	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface NW/SE 2049' FSL 1970' FEL At proposed Prod. Zone		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/SE Sec. 24, T8S, R16E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 12.2 miles south of Myton, Utah		12. County Duchesne	13. STATE UT
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to Approx. 591' f/lse line & 591' f/unit line	16. NO. OF ACRES IN LEASE 960.00	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. 1215'	19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5406' GR		22. APPROX. DATE WORK WILL START* 3rd Quarter 2002	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH
Refer to Monument Butte Field SOP's Drilling Program/Casing Design			

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

The Conditions of Approval are also attached.

RECEIVED  
MAR 11 2003  
DIV. OF OIL, GAS & MINING

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 Marilee Cozies TITLE Permit Clerk DATE 6/25/02

(This space for Federal or State office use)

NOTICE OF APPROVAL

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 Howard D. Claug Assistant Field Manager  
Mineral Resources DATE 03/04/2003

\*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.

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: FEDERAL 10-24-8-16

API Number: 43-013-32366

Lease Number: UTU - 67170

Location: NWSE Sec. 24 TWN: 08S RNG: 16E

Agreement: N/A

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

**Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.**

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.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources 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 zone, identified at  $\pm 414$  ft.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

007

**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.  
**U-67170**

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

7. If Unit or CA, Agreement Designation  
**MONUMENT BUTTE NE**

8. Well Name and No.  
**FEDERAL 10-24-8-16**

9. API Well No.  
**43-013-32366**

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

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**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)  
**2049 FSL 1970 FEL      NW/SE Section 24, T8S 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 checked="" type="checkbox"/> Other <b>Permit Extension</b> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

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

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

Inland Production Company requests to extend the Permit to Drill this well for one year.

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 07-14-03  
By: *[Signature]*

COPY SENT TO OPERATOR  
Date: 7-19-03  
Initials: CHD

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

Signed *Mandie Crozier* Title Regulatory Specialist Date 7/9/03  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date **RECEIVED**

Conditions of approval, if any:

CC: Utah DOGM

**JUL 10 2003**

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

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

**API:** 43-013-32366  
**Well Name:** Federal 10-24-8-16  
**Location:** NW/SE Section 24, T8S R16E  
**Company Permit Issued to:** Inland Production Company  
**Date Original Permit Issued:** 7/15/2002

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

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

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

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

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

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

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

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

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

  
Signature

7/9/2003  
Date

Title: Regulatory Specialist

Representing: Inland Production Company

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

008

**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

**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)

**2049 FSL 1970 FEL      NW/SE Section 24, T8S R16E**

5. Lease Designation and Serial No.

**U-67170**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**MONUMENT BUTTE NE**

8. Well Name and No.

**FEDERAL 10-24-8-16**

9. API Well No.

**43-013-32366**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

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 **Permit Extension**  
 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.)\*

Inland Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 3/4/03 (expiration 3/4/04).

RECEIVED

APR 06 2004

DIV. OF OIL, GAS & MINING

**CONDITIONS OF APPROVAL ATTACHED**

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

Signed Mandie Crozier Title Regulatory Specialist Date 3/2/2004  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by Kirk Johnson Title Petroleum Engineer Date 3/30/04  
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.



Inland Production Company  
APD Extension

Well: Fed 10-24-8-16

Location: NWSE Sec. 24, T8S, R16E

Lease: U-67170

**CONDITIONS OF APPROVAL**

An extension for the referenced APD is granted with the following conditions:

---

1. The extension will expire 3/4/05
2. No other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood of this office at (435) 781-4486

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

009

**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.  
**U-67170**

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

7. If Unit or CA, Agreement Designation  
**MONUMENT BUTTE NE**

8. Well Name and No.  
**FEDERAL 10-24-8-16**

9. API Well No.  
**43-013-32366**

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

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**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)  
**2049 FSL 1970 FEL NW/SE Section 24, T8S 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 checked="" type="checkbox"/> Other <b>Permit Extension</b> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

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

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

Inland Production Company requests to extend the Permit to Drill this well for one year.

COPY SENT TO OPERATOR  
 Date: 7-15-04  
 Initials: CHD

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

Date: 07/04/04  
 By: [Signature]

**RECEIVED**  
**JUL 07 2004**  
 DIV. OF OIL, GAS & MINING

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

Signed Mandie Crozier Title Regulatory Specialist Date 7/6/04  
 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

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

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

**API:** 43-013-32366  
**Well Name:** Federal 10-24-8-16  
**Location:** NW/SE Section 24, T8S R16E  
**Company Permit Issued to:** Inland Production Company  
**Date Original Permit Issued:** 7/15/2002

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

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

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

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

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

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

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

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

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

  
Signature

7/5/2004  
Date

Title: Regulatory Specialist

Representing: Inland Production Company



July 6, 2004

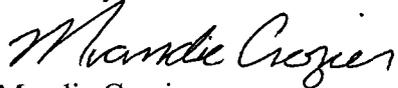
State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: One Year Extensions on Applications for Permit to Drill.

Dear Diana:

Enclosed find one year extensions on Applications for Permit to Drill. We have already received a one year extension on these APD's and would like to extend it them for another year, since the approval that we have received from the BLM is not yet due to expire. If you have any questions, feel free to give me a call.

Sincerely,

  
Mandie Crozier  
Regulatory Specialist

enclosures

RECEIVED  
JUL 07 2004  
DIV. OF OIL, GAS & MINING

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



# 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

UTSL-	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
UTU-	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		



## 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

**OPERATOR CHANGE WORKSHEET**

**013**

Change of Operator (Well Sold)

**ROUTING**

1. GLH
2. CDW
3. FILE

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

<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:**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
FEDERAL 16-20-8-16	20	080S	160E	4301332474		Federal	OW	APD	K
FEDERAL 9-24-8-16	24	080S	160E	4301332359		Federal	OW	APD	K
FENCELINE FED 8-24-8-16	24	080S	160E	4301332360		Federal	OW	APD	K
FENCELINE FED 7-24-8-16	24	080S	160E	4301332361	14399	Federal	OW	DRL	K
FENCELINE FED 6-24-8-16	24	080S	160E	4301332362		Federal	OW	APD	K
FENCELINE FED 3-24-8-16	24	080S	160E	4301332363		Federal	OW	DRL	K
FENCELINE FED 2-24-8-16	24	080S	160E	4301332364		Federal	OW	APD	K
FENCELINE FED 1-24-8-16	24	080S	160E	4301332365		Federal	OW	APD	K
FEDERAL 10-24-8-16	24	080S	160E	4301332366		Federal	OW	APD	K
FEDERAL 13-29-8-16	29	080S	160E	4301332450		Federal	OW	APD	K
FEDERAL 16-30-8-16	30	080S	160E	4301332451		Federal	OW	APD	K
FENCE LINE FED 3-19-8-17	19	080S	170E	4301332370		Federal	OW	APD	K
FENCE LINE FED 4-19-8-17	19	080S	170E	4301332371		Federal	OW	APD	K
FENCE LINE FED 5-19-8-17	19	080S	170E	4301332372	14125	Federal	OW	P	K
FENCE LINE FED 6-19-8-17	19	080S	170E	4301332373	14529	Federal	OW	DRL	K
ASHLEY ST 1-2-9-15	02	090S	150E	4301332436		State	OW	APD	K
ASHLEY ST 8-2-9-15	02	090S	150E	4301332437		State	OW	APD	K
ASHLEY FED 14-15-9-15	15	090S	150E	4301332440	12419	Federal	OW	P	K
GB FED 10-3-9-17	03	090S	170E	4301332184	12391	Federal	OW	P	
FEDERAL 5-11-9-17	11	090S	170E	4301332486	14285	Federal	OW	P	K

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (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 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

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: NEWFIELD PRODUCTION COMPANYWell Name: FEDERAL 10-24-8-16Api No: 43-013-32366 Lease Type: FEDERALSection 24 Township 08S Range 16E County DUCHESNEDrilling Contractor NDSI RIG # NS#1**SPUDDED:**Date 03/11/05Time 2:30 PMHow DRY**Drilling will Commence:** \_\_\_\_\_Reported by FLOYD MITCHELLTelephone # 1-435-823-3610Date 03/14/2005 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

012

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

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

1. Type of Well  
 Oil Well    Gas Well    Other   Observation

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)  
 2049 FSL 1970 FEL  
 NW/SE   Section 24 T8S R16E

5. Lease Serial No.  
 UTU67170

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 FEDERAL 10-24-8-16

9. API Well No.  
 4301332366

10. Field and Pool, or Exploratory Area  
 Monument Butte

11. County or Parish, State  
 Duchesne, UT

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

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

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

On 03/11/05 MIRU NDSI NS # 1. Spud well @ 2:30 PM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 312.71' KB On 03/25/05 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 6 bbls cement to pit. WOC.

RECEIVED  
 APR 04 2005  
 DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct	Title
Name (Printed/ Typed) Floyd Mitchell	Drilling Supervisor
Signature <i>F. Mitchell</i>	Date 3-30-2005

**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

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 312.71

LAST CASING 8 5/8" SET AT 312.71'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 310' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company  
 WELL Federal 10-24-8-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS #1

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 42.83'						
		WHI - 92 csg head			8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	300.86	
		<b>GUIDE</b> shoe			8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			302.71	
TOTAL LENGTH OF STRING		302.71	7	LESS CUT OFF PIECE			2	
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12	
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>312.71</b>	
TOTAL		300.86	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		300.86	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.		Spud	3/11/2005	2:30 PM	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE			3/15/2005	12:00 PM	Bbls CMT CIRC TO SURFACE			6
BEGIN CIRC			3/25/2005	2:01 PM	RECIPROCATED PIPE FOR			N/A
BEGIN PUMP CMT			3/25/2005	2:14 PM				
BEGIN DSPL. CMT			3/25/2005	2:26 PM	BUMPED PLUG TO			555 PSI
PLUG DOWN			3/25/2005	2:33 PM				

CEMENT USED		CEMENT COMPANY- <u>B. J.</u>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Floyd Mitchell

DATE 3/25/2005

011

RECEIVED

MAR 14 2005

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

DIV. OF OIL, GAS & MINING

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QC	SC	TP	RS	COUNTY		
A	99999	14608	43-013-32485	Ashley Federal 7-24-9-15	SW/NE	24	9S	15E	Duchesne	March 7, 2005	3/17/05
WELL 1 COMMENTS: <i>GRRV</i>											
A	99999	14609	43-013-32483	Ashley Federal 3-24-9-15	NE/NW	24	9S	15E	Duchesne	March 9, 2005	3/17/05
WELL 2 COMMENTS: <i>GRRV</i>											
A	99999	14610	43-013-32360	Fenceline Federal 8-24-8-16	SE/NE	24	8S	16E	Duchesne	March 10, 2005	3/17/05
WELL 3 COMMENTS: <i>GRRV</i>											
A	99999	14611	43-013-32366	Federal 10-24-8-16	NW/SE	24	8S	16E	Duchesne	March 11, 2005	3/17/05
WELL 4 COMMENTS: <i>GRRV</i>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QC	SC	TP	RS	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

*Kebbie S. Jones*  
 Signature Kebbie S. Jones

Production Clerk March 14, 2005  
 Title Date

K

K

K

K

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

014

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Observation		5. Lease Serial No. UTU67170
2. Name of Operator Newfield Production Company		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or No. MON BUTTE NE
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2049 FSL 1970 FEL NW/SE Section 24 T8S R16E		8. Well Name and No. FEDERAL 10-24-8-16
		9. API Well No. 4301332366
		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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 4/04/2005 MIRU Patterson 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,6325'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 177 jt's of 5.5 J-55, 15.5# csgn. Set @ 6306.85' / KB. Cement with 395 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 475 sks cement mixed @ 14.4 ppg & 1.24 yld. With 50 of dye water returned to pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig 9:00 am on 4-11-05

RECEIVED

APR 14 2005

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Ray Herrera	Title Drilling Foreman
Signature <i>Ray Herrera</i>	Date 04/12/2005

**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)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

015

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 Newfield Production Company

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

3b. Phone No. (include are code)  
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2049 FSL 1970 FEL  
 NW/SE    Section 24 T8S R16E

5. Lease Serial No.  
 UTU67170

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 FEDERAL 10-24-8-16

9. API Well No.  
 4301332366

10. Field and Pool, or Exploratory Area  
 Monument Butte

11. County or Parish, State  
 Duchesne, UT

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

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

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

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Inland operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

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

**RECEIVED**  
**MAY 10 2005**

DIV. OF OIL, GAS & MINING

COPIES SENT TO OPERATOR  
 DATE: 5-13-05  
 INITIALS: CHT

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)    Title  
 Mandie Crozier            Regulatory Specialist

Signature                      Date  
*Mandie Crozier*            05/09/2005

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

Approved by \_\_\_\_\_ Title **Accepted by the** 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 **Utah Division of** Federal Approval Of This Action Is Necessary  
**Oil, Gas and Mining**

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)

Date: 5/10/05  
 By: *[Signature]*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

016

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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5. Lease Serial No.  
UTU67170

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
FEDERAL 10-24-8-16

9. API Well No.  
4301332366

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Duchesne, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Newfield Production Company

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

3b. Phone No. (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2049 FSL 1970 FEL  
NW/SE Section 24 T8S R16E

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

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

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

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

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

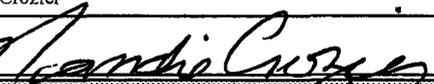
**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

**RECEIVED  
MAY 10 2005  
DIV. OF OIL, GAS & MINING**

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)  
Mandie Crozier

Signature



Title

Regulatory Specialist

Date

05/09/2005

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

Approved by \_\_\_\_\_

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Title

Office

Date

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(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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 Oil Well    Gas Well    Other

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11. County or Parish, State  
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Status report for time period 4/18/05-4/27/05

Subject well had completion procedures initiated in the Green River formation on 04-18-05 without the use of a service rig over the well. A cement bond log was run and a total of three Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (6203-6215') (6166-6179') (4 JSPF); #2 (55861-5881')(ALL 4 JSPF); #3 (5434-5446)(5372-5377')(ALL 4 JSPF). Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 4-23-05. Bridge plugs were drilled out. Well was cleaned out to PBTD @ 6289'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 6183'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 4-27-05.

**RECEIVED**  
**MAY 23 2005**

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct	Title
Name (Printed/ Typed) Kathy Chapman	Office Manager
Signature <i>Kathy Chapman</i>	Date 05/18/2005

**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	

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(Instructions on reverse)

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

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

1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		7. UNIT AGREEMENT NAME <b>Monument Butte NE</b>	
1b. TYPE OF WELL 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 _____		8. FARM OR LEASE NAME, WELL NO. <del>Mon. Butte NE</del> Fed. 10-24-8-16	
2. NAME OF OPERATOR <b>Newfield Exploration Company</b>			
3. ADDRESS AND TELEPHONE NO. <b>1401 17th St. Suite 1000 Denver, CO 80202</b>			
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface <b>2049' FSL &amp; 1970' FEL (NW/SE) Sec. 24, T8S, R16E</b> At top prod. Interval reported below  At total depth			
14. API NO. <b>43-013-32366</b>		DATE ISSUED <b>7/15/02</b>	
15. DATE SPUDDED <b>3/11/05</b>		16. DATE T.D. REACHED <b>4/11/05</b>	
17. DATE COMPL. (Ready to prod.) <b>4/27/05</b>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>5406' GL 5418' KB</b>	
19. ELEV. CASINGHEAD		12. COUNTY OR PARISH <b>Duchesne</b>	
20. TOTAL DEPTH, MD & TVD <b>6325'</b>		21. PLUG BACK T.D., MD & TVD <b>6289'</b>	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY <b>-----&gt;</b>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* <b>Green River 5372'-6215'</b>		25. WAS DIRECTIONAL SURVEY MADE <b>No</b>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <b>Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log</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
8-5/8" - J-55	24#	313'	12-1/4"	To surface with 160 sx Class "G" cmt
5-1/2" - J-55	15.5#	6307'	7-7/8"	395 sx Premlite II and 475 sx 50/50 Poz

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 @ 6183'	TA @ 6086'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
(CP1&2) 6166'-6179, 6203'-6215'	.41"	4/100	6166'-6215'	Frac w/ 89,703# 20/40 sand in 686 bbls fluid		
(LODC) 5861'-5881'	.41"	4/80	5861'-6881'	Frac w/ 60,106# 20/40 sand in 494 bbls fluid		
(D3&C) 5372'-5377', 5434'-5446'	.41"	4/68	5372'-5446'	Frac w/ 78,093# 20/40 sand in 604 bbls fluid		

33.* PRODUCTION							
DATE FIRST PRODUCTION <b>4/27/05</b>		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <b>2-1/2" x 1-1/2" x 10' x 14' CDI Pump</b>				WELL STATUS (Producing or shut-in) <b>PRODUCING</b>	
DATE OF TEST <b>10 day ave</b>	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD <b>-----&gt;</b>	OIL--BBL. <b>50</b>	GAS--MCF. <b>13</b>	WATER--BBL. <b>89</b>	GAS-OIL RATIO <b>260</b>
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE <b>-----&gt;</b>	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>		TEST WITNESSED BY
35. LIST OF ATTACHMENTS		

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.		
SIGNED <i>Mandie Crozier</i> Mandie Crozier	TITLE <b>Regulatory Specialist</b>	DATE <b>6/20/2005</b>

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Mon. Butte NE Fed. 10-24-8-16	Garden Gulch Mkr	4193'	
				Garden Gulch 1	4403'	
				Garden Gulch 2	4528'	
				Point 3 Mkr	4816'	
				X Mkr	5050'	
				Y-Mkr	5084'	
				Douglas Creek Mkr	5217'	
				BiCarbonate Mkr	5488'	
				B Limestone Mkr	5620'	
				Castle Peak	6122'	
				Basal Carbonate		
				Total Depth (LOGGERS)	6325'	

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

ENTITY ACTION FORM  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL, GAS AND MINING

FORM 6

OPERATOR ACCT NO: N2695

ACTIN CODE	CRRNT ENTITY	NEW ENTITY	API NUMBER	WELL	QQ	SEC	TWN	RNG	REASON	EFFECTIVE
D	14648	15150	4301332359	FEDERAL 9-24-8-16	NENSE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	99998	15150	4301331633	MONUMENT BUTTE FED NE 11-24	NESW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	12293	15150	4301331990	MBFNE 11-24-8-16	NESW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	14611	15150	4301332366	FEDERAL 10-24-8-16	NWSE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	12244	15150	4301331923	MBFNE 12-24	NWSW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11907	15150	4301331629	MONUMENT BUTTE FED NE 16-24	SESE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11930	15150	4301331630	MONUMENT BUTTE FED 14-24	SESW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11912	15150	4301331628	MON BUTTE FED NE 15-24	SWSE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11984	15150	4301331653	MON BUTTE FED NE 13-24	SWSW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11884	15150	4301331608	MON BUTTE FED 1-25(I)	NENE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11881	15150	4301331601	MONUMENT BUTTE FED 8-25	SENE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11887	15150	4301331604	MONUMENT BUTTE FED 2-25	NWNE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11873	15150	4301331561	MON BUTTE FED 7-25	SWNE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11882	15150	4301331596	MONUMENT BUTTE FED 6-25	SENE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11922	15150	4301331605	MON BUTTE FED 3-25	NENW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11897	15150	4301331600	MON BUTTE FED 9-25	NESE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11874	15150	4301331562	MONUMENT BUTTE FED 10-25	NWSE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11899	15150	4301331597	MONUMENT BUTTE FED 16-25	SESE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11847	15150	4301331559	MON BUTTE FED 15-25	SWSE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11840	15150	4301331554	MONUMENT BUTTE FED 12-25	NWSW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11841	15150	4301331553	MON BUTTE FED 11-25	NESW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11805	15150	4301331531	MONUMENT BUTTE FED 14-25	SESW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11786	15150	4301331513	MON BUTTE FED 13-25	SWSW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11900	15150	4301331502	MON BUTTE FED 15-26	SWSE	26	8S	16E	Monument Butte North East EOR	1/1/2006
D	11814	15150	4301331517	MONUMENT BUTTE FED 16-26	SESE	26	8S	16E	Monument Butte North East EOR	1/1/2006

*new entity assigned 1/31/06  
 ER, DOGM*

**RECEIVED**  
**JAN 25 2006**

KIM KETTLE  
 PRODUCTION CLERK 1/25/2006



April 29, 2010

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

RE: Permit Application for Water Injection Well  
Monument Butte Federal #10-24-8-16  
Monument Butte Field, Lease #UTU-67170  
Section 24-Township 8S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Monument Butte Federal #10-24-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

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

Eric Sundberg  
Regulatory Analyst

RECEIVED  
MAY 13 2010  
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**MONUMENT BUTTE FEDERAL #10-24-8-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-67170**  
**April 29, 2010**

## TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #10-24-8-16
ATTACHMENT E-1	WELLBORE DIAGRAM – FEDERAL #2-24-8-16
ATTACHMENT E-2	WELLBORE DIAGRAM – FENCELINE FEDERAL #6-24-8-16
ATTACHMENT E-3	WELLBORE DIAGRAM – FENCELINE FEDERAL #7-24-8-16
ATTACHMENT E-4	WELLBORE DIAGRAM – FENCELINE FEDERAL #8-24-8-16
ATTACHMENT E-5	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #12-24-8-16
ATTACHMENT E-6	WELLBORE DIAGRAM – FEDERAL #Q-24-8-16
ATTACHMENT E-7	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #11-24-8-16
ATTACHMENT E-8	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #14-24-8-16
ATTACHMENT E-9	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #15-24-8-16
ATTACHMENT E-10	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #9-24-8-16
ATTACHMENT E-11	WELLBORE DIAGRAM – SAND WASH FEDERAL #12-19-8-17
ATTACHMENT E-12	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #16-24-8-16
ATTACHMENT E-13	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #C-25-8-16
ATTACHMENT E-14	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #2-25-8-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED 4/11/05 – 4/28/05
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL



# Monument Butte NE Federal 10-24-8-16

Spud Date: 03/11/05  
 Put on Production: 04/27/05  
 GL: 5406' KB: 5416'

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injector Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.71')  
 DEPTH LANDED: 312.71'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160sxs Class G with 2% CaCL.

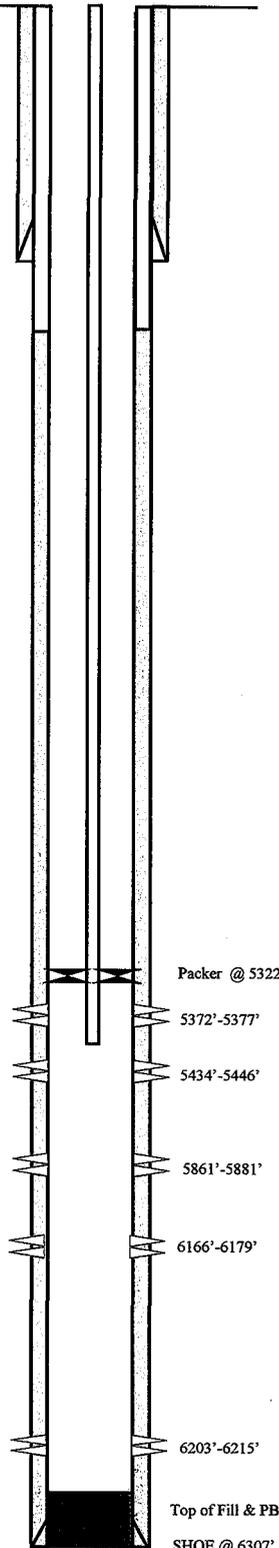
### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 178 jts. (6308.85')  
 DEPTH LANDED: 6306.85' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 395 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 500'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 195 jts (6073.70')  
 TUBING ANCHOR: 6085.57' KB  
 NO. OF JOINTS: 1 jts (31.27')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 6119.77' KB  
 NO. OF JOINTS: 2 jts (62.18')  
 TOTAL STRING LENGTH: 6183.50' w/ 12' KB

Casing shoe @ 313'  
 Cement Top @ 500'



### FRAC JOB

04/20/05 6166'-6215' **Frac CP1 and CP2 sands as follows:**  
 89,703# of 20/40 sand in 686 bbbls lightning frac 17 fluid. Treated @ avg press of 2116 w/ avg rate of 24.7 bpm. ISIP 2270 psi. Calc flush: 6164 gal. Actual flush: 6132 gal.

04/22/05 5861'-5881' **Frac LODC sands as follows:**  
 60,106# of 20/40 sand in 494 bbbls lightning frac 17 fluid. Treated @ avg press of 2546 w/ avg rate of 23.5 bpm. ISIP 2590 psi. Calc flush: 5859 gal. Actual flush: 5838 gal.

04/22/05 5372'-5446' **Frac C and D3 sands as follows:**  
 78,093# of 20/40 sand in 604 bbbls lightning 17 frac fluid. Treated @ avg press of 1906 w/ avg rate of 25.6 bpm. ISIP 1960 psi. Calc flush: 5370 gal. Actual flush: 5250 gal.

4/20/09 Pump Change. Updated r & t details.

### PERFORATION RECORD

04/20/05	6203'-6215'	4 JSPF	48 holes
04/20/05	6166'-6179'	4 JSPF	52 holes
04/22/05	5861'-5881'	4 JSPF	80 holes
04/22/05	5434'-5446'	4 JSPF	48 holes
04/22/05	5372'-5377'	4 JSPF	20 holes

**NEWFIELD**

**MONUMENT BUTTE NE FEDERAL 10-24-8-16**  
 2049' FSL & 1970' FEL  
 NW/SE Section 24-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32366; Lease #UTU-67170

## 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 Monument Butte Federal #10-24-8-16 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 Monument Butte Federal #10-24-8-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4528' - 6325'). 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 4193' and the TD is at 6325'.

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

The referenced log for the Monument Butte Federal #10-24-8-16 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-67170) 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 313' KB, and 5-1/2", 15.5# casing run from surface to 6307' 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 1925 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 Monument Butte Federal #10-24-8-16, for existing perforations (5372' - 6215') calculates at 0.80 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 1925 psig. We may add additional perforations between 4193' and 6325'. 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 Monument Butte Federal #10-24-8-16, the proposed injection zone (4528' - 6325') 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-14.

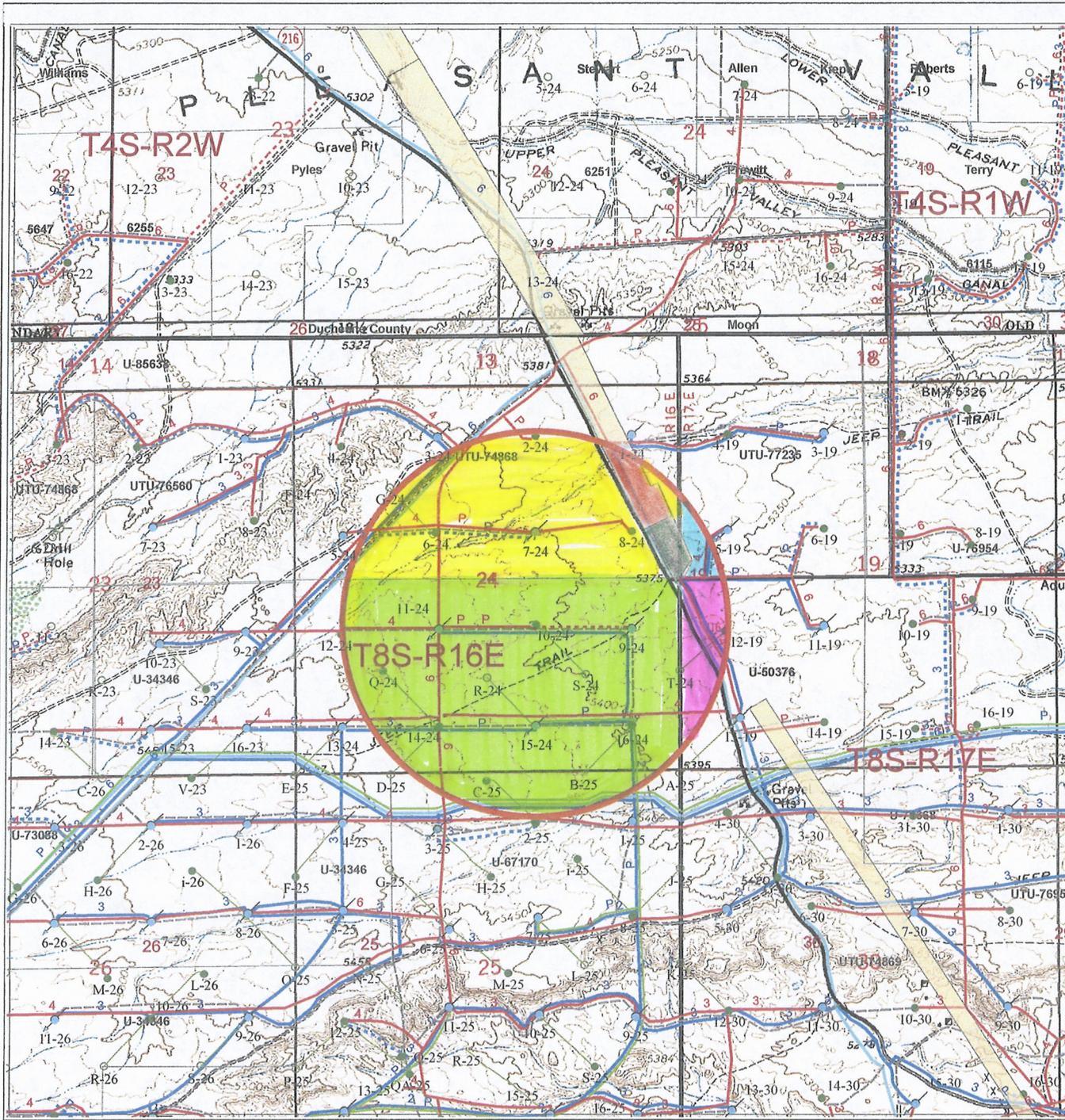
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



**Well Status**

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

**Injection system**

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

**Leases**

- Mining tracts

**Gas Pipelines**

- Gathering lines
- - - Proposed lines
- ⊕ 10-24-8-16 1/2mile radius

- UTU-50376
- UTU-74868
- UTU-67170
- UTU-77235
- FEE
- FEE

# Attachment A

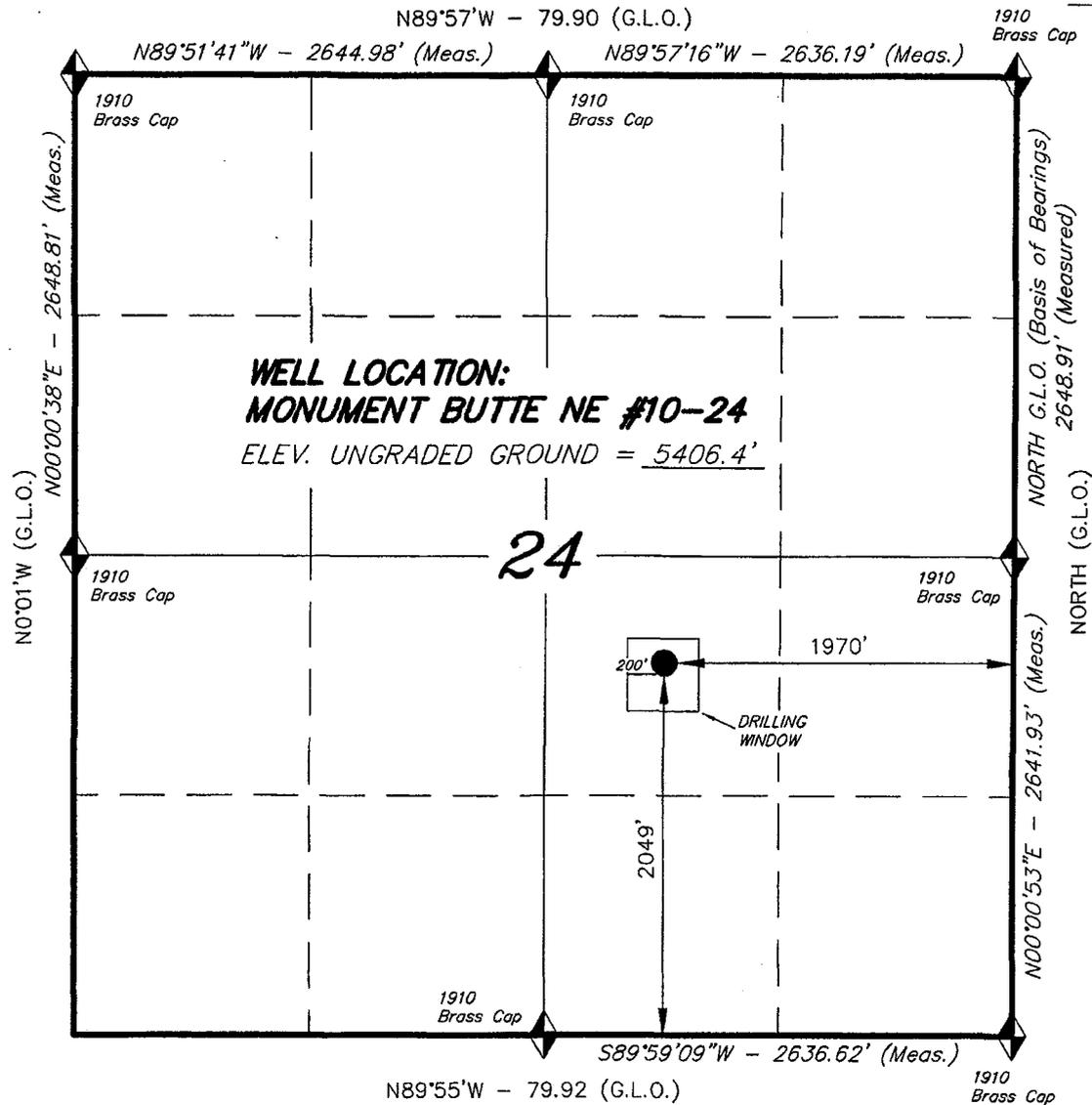
Federal 10-24-8-16  
Section 24, T8S-R16E

**NEWFIELD**    
ROCKY MOUNTAINS 1" = 2000'

1/2 Mile Radius Map  
Duchesne & Uintah Counties

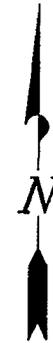
# T8S, R16E, S.L.B.&M.

# INLAND PRODUCTION COMPANY



WELL LOCATION, MONUMENT BUTTE NE #10-24, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 24, T8S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

002



Attachment A-1

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.

*Stacy W. Stewart*  
 REGISTERED LAND SURVEYOR  
 No. 18937Z  
 REGISTRATION No. 18937Z  
 STATE OF UTAH  
**STACY W. STEWART**

**TRI STATE LAND SURVEYING & CONSULTING**  
 38 WEST 100 NORTH - VERNAL, UT 84408  
 (435) 781-2501

◆ = SECTION CORNERS LOCATED  
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 5-21-02	DRAWN BY: J.R.S.
NOTES:	FILE #

**EXHIBIT B**

*1 of 2*

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>Township 8 South, Range 16 East SLM</u> Section 13: Lots 1-4, Excluding Patent 813321 Section 22: NE Section 23: NW Section 24: N2, Exculding 36.344 acres in Patent # 813321 and 12.784 acres in Patent # 884015	USA UTU-74868 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>Township 8 South, Range 16 East SLM</u> Section 24: S2, Excluding MS # 6614 Section 25: NE, E2NW, S2 Section 26: S2SE	USA UTU-67170 HBP	Newfield Production Company Newfield RMI LLC	USA
3	<u>Township 8 South, Range 17 East SLM</u> Section 18: Lots 3-4 Section 19: Lots 1-2, E2NW, Excluding Patent # 884015	USA UTU-77235 HBP	Newfield Production Company Newfield RMI LLC	USA
4	<u>Township 8 South, Range 17 East SLM</u> Section 19: Lots 3-5, NESW	USA UTU-50376 HBP	Newfield Production Company Newfield RMI LLC	USA

**EXHIBIT B**

*2 of 2*

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
5	<u>Township 8 South, Range 16 East SLM</u> Section 24: Doris # 2 Mining Claim and Doris # 1 Mining Claim (MS # 6510)	Kaiser-Francis Oil Company Unleased	Kaiser-Francis Oil Company	
6	<u>Township 8 South, Range 16 East SLM</u> Section 24: Doris # 3 Mining Claim (MS # 6614)	Ernest S. Pizzano Jr. HBP	Newfield Production Company	
	<u>Township 8 South, Range 17 East SLM</u> Section 19: Doris # 3 Mining Claim (MS # 6614)	Paula Felsher HBP	Newfield Production Company	
		Anthony Tusler HBP	Newfield Production Company	
		Richard Padon HBP	Newfield Production Company	
		Alice Ferron HBP	Newfield Production Company	
		Martin H. Tusler Unleased	Martin H. Tusler	
		Estate of Richard Ferron Unleased	Estate of Richard Ferron	

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Monument Butte Federal #10-24-8-16

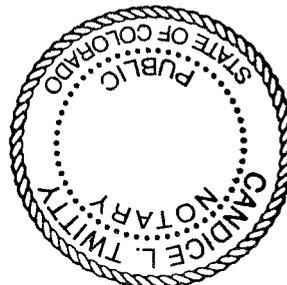
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Analyst

Sworn to and subscribed before me this 7<sup>th</sup> day of May, 2010.

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

My Commission Expires 02/10/2013



# Monument Butte NE Federal 10-24-8-16

Spud Date: 03/11/05  
 Put on Production: 04/27/05  
 GL: 5406' KB: 5416'

Initial Production: BOPD,  
 MCFD, BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.71')  
 DEPTH LANDED: 312.71'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160sxs Class G with 2% CaCL.

Casing shoe @ 313'

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 178 jts. (6308.85')  
 DEPTH LANDED: 6306.85' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 395 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 500'

Cement Top @ 500'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 195 jts (6073.70')  
 TUBING ANCHOR: 6085.57' KB  
 NO. OF JOINTS: 1 jts (31.27')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 6119.77' KB  
 NO. OF JOINTS: 2 jts (62.18')  
 TOTAL STRING LENGTH: 6183.50' w/ 12' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 2' x 7/8" pony rods, 100-7/8" guided rods, 119-3/4" plain rods, 20-3/4" guided rods, 6-1 1/2" weighted rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 10' x 16' RHAC pump CDI Plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM

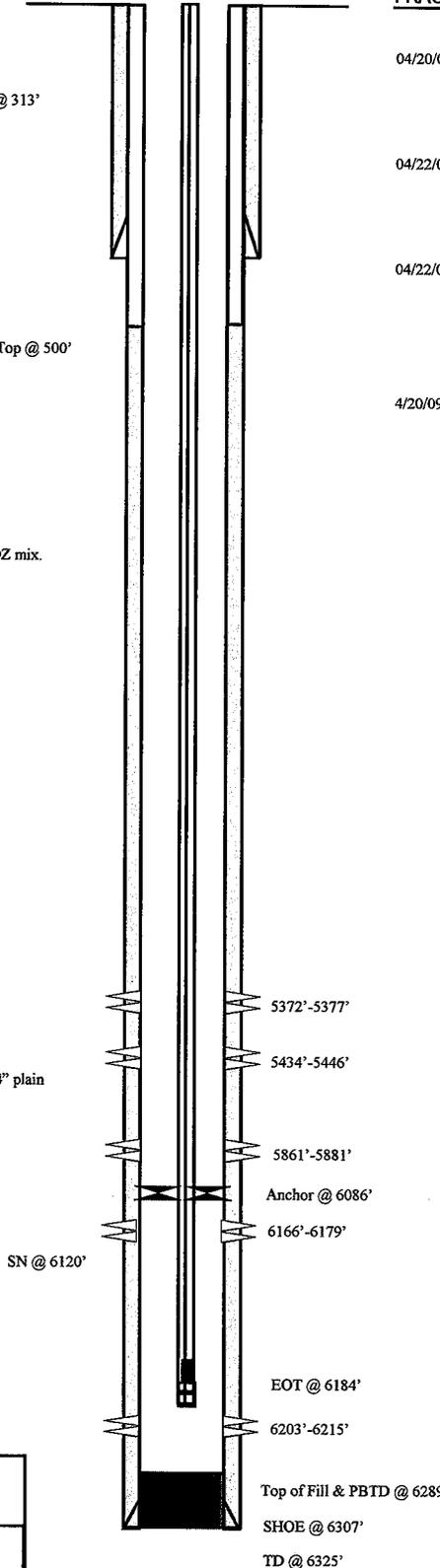
### FRAC JOB

04/20/05 6166'-6215' **Frac CP1 and CP2 sands as follows:**  
 89,703# of 20/40 sand in 686 bbls lightning frac 17 fluid. Treated @ avg press of 2116 w/ avg rate of 24.7 bpm. ISIP 2270 psi. Calc flush: 6164 gal. Actual flush: 6132 gal.

04/22/05 5861'-5881' **Frac LODC sands as follows:**  
 60,106# of 20/40 sand in 494 bbls lightning frac 17 fluid. Treated @ avg press of 2546 w/ avg rate of 23.5 bpm. ISIP 2590 psi. Calc flush: 5859 gal. Actual flush: 5838 gal.

04/22/05 5372'-5446' **Frac C and D3 sands as follows:**  
 78,093# of 20/40 sand in 604 bbls lightning 17 frac fluid. Treated @ avg press of 1906 w/ avg rate of 25.6 bpm. ISIP 1960 psi. Calc flush: 5370 gal. Actual flush: 5250 gal.

4/20/09 Pump Change. Updated r & t details.



### PERFORATION RECORD

Date	Interval	Tool	Holes
04/20/05	6203'-6215'	4 JSPF	48 holes
04/20/05	6166'-6179'	4 JSPF	52 holes
04/22/05	5861'-5881'	4 JSPF	80 holes
04/22/05	5434'-5446'	4 JSPF	48 holes
04/22/05	5372'-5377'	4 JSPF	20 holes

**NEWFIELD**

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**MONUMENT BUTTE NE FEDERAL 10-24-8-16**  
 2049' FSL & 1970' FEL  
 NW/SE Section 24-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32366; Lease #UTU-67170

# Federal #2-24-8-16

Spud Date: 2/24/05  
 Put on Production: 04/19/05  
 GL: 5392' KB: 5404'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.4')  
 DEPTH LANDED: 312.4' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160 sks Class "G".

**PRODUCTION CASING**

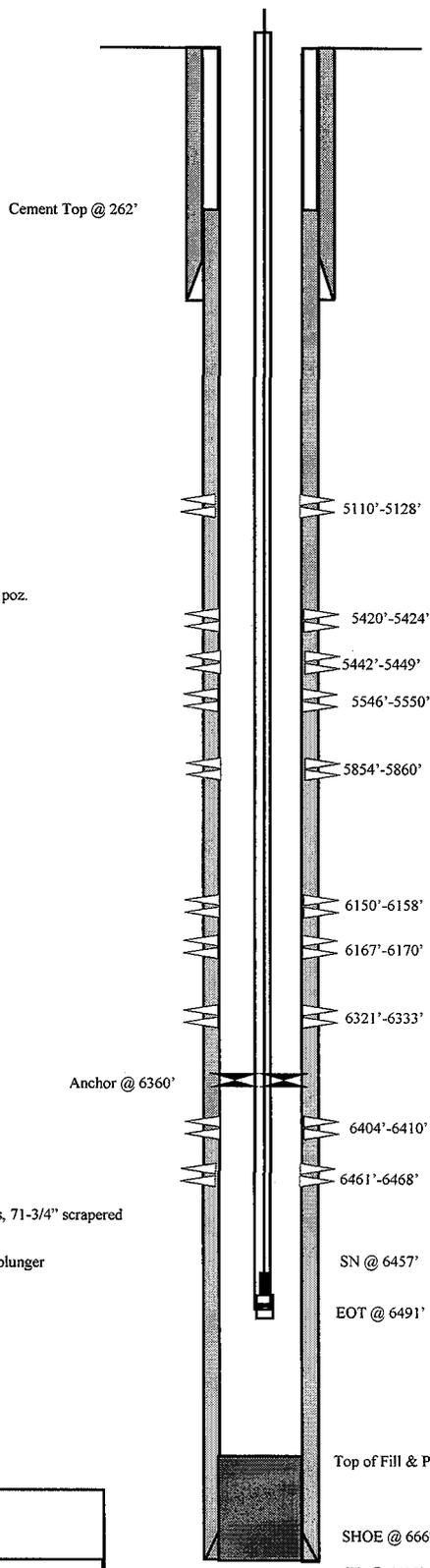
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 154 jts. (6664.18')  
 DEPTH LANDED: 6662.18' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 375 sks Prem. Lite II, 512 sks 50/50 poz.  
 CEMENT TOP AT: 262'

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 196 jts (6347.5')  
 TUBING ANCHOR: 6359.5' KB  
 NO. OF JOINTS: 3 jts (97.88')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 6457.3' KB  
 NO. OF JOINTS: 1 jts (32.61')  
 TOTAL STRING LENGTH: EOT @ 6491.1'

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 98-7/8" scraped rods; 82-3/4" plain rods, 71-3/4" scraped rods, 6-1 1/2" weight rod.  
 PUMP SIZE: 2 1/2" x 1 1/2" 10' x 14' RHAC pump w/ sm plunger  
 STROKE LENGTH: 88'  
 PUMP SPEED, SPM: 4 SPM



**FRAC JOB**

04/08/05 6321'-6468' **Frac CP 1,2&3 sands as follows:**  
 64,978#s of 20/40 sand in 547 bbls Lightning  
 17 frac treated @ ave pressure of 1815 w/ ave  
 rate of 24.6 bpm. Calc flush 5483  
 gal. Actual flush: 6342 gal. ISIP 2230.

04/08/05 6150'-6170' **Frac LODC sands as follows:**  
 34,686#s of 20/40 sand in 372 bbls Lightning  
 17 frac fluid. Treated @ ave pressure of 2510  
 w/ ave rate of 24.5 bpm sand. Calc. flush 6148  
 gal. Actual flush 6132. ISP 3080.

04/08/05 5854'-5860' **Frac A1 sands as follows:**  
 34,858#s of 20/40 sand in 333 bbls Lightning  
 17 frac fluid. Treated @ ave pressure of 3728  
 w/ ave rate of 22 bpm . Calc. Flush 5852  
 gal. Actual Flush 4452 gal.ISIP 4370.

04/11/05 5420'-5550' **Frac C&D2 sands as follows:**  
 40,006#s of 20/40 sand in 420 bbls Lightning  
 17 frac fluid. treated @ ave pressure of 1943  
 w/ ave rate of 24.3 bpm .Calc. Flush 5418 gal.  
 Actual Flush 5418.ISIP 2150.

04/11/05 5110'-5128' **Frac PB11 sands as follows:**  
 60,016#s of 20/40 sand in 497 bbls Lightning  
 17 frac fluid. treated @ ave pressure of 2350  
 w/ ave rate of 24.7 bpm .Calc. Flush 5108 gal.  
 Actual Flush 4998.ISIP 2900.

4/23/09  
 9/1/09 Tubing Leak. Updated r & t details.  
 Tubing Leak. Updated rod & tubing details.

**PERFORATION RECORD**

Date	Interval	Tool	Holes
04/11/05	5110'-5128'	4 JSPF	72 holes
04/11/05	5420'-5424'	4 JSPF	16 holes
04/11/05	5442'-5449'	4 JSPF	28 holes
04/08/05	5546'-5550'	4 JSPF	16 holes
04/08/05	5854'-5860'	4 JSPF	24 holes
04/08/05	5160'-6158'	4 JSPF	32 holes
04/08/05	6167'-6170'	4 JSPF	12 holes
04/08/05	6321'-6333'	4 JSPF	48 holes
04/08/05	6404'-6410'	4 JSPF	24 holes
04/08/05	6461'-6468'	4 JSPF	28 holes

**NEWFIELD**

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**Federal 2-24-8-16**  
 674' FNL & 2010' FEL  
 NW/NE Section 24 T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32364; Lease #UTU-74868

# Fenceline Federal 6-24-8-16

Spud Date: 03/03/05  
 Put on Production: 04/20/05  
 GL: 5414' KB: 5426'

Initial Production: 82 BOPD,  
 76 MCFD, 15 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301.06')  
 DEPTH LANDED: 311.06' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150 sks Class "G" Mix. Est 2 bbls cement to the pit

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 181 jts. (6613.50')  
 DEPTH LANDED: 6611.50' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 375 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ mix.  
 CEMENT TOP AT: Surface

**TUBING**

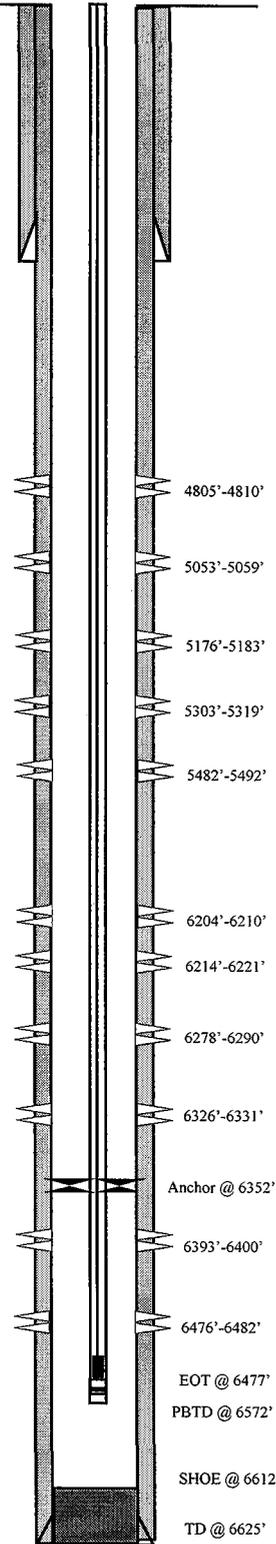
SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 196 jts (6336.71') BTM 18 new  
 TUBING ANCHOR: 6351.51' KB  
 NO. OF JOINTS: 2 jts (63.10') new  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 6414.61' KB  
 NO. OF JOINTS: 2 jts (62.92') new  
 TOTAL STRING LENGTH: 6477.08' w/ 12' KB

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-1' & 1-2' x 7/8" pony subss, 97-7/8" guided rods, 81- 3/4" plain rods, 70- 3/4" guided rods, 6- 1 1/2" weight rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 16" x 12" RHAC w/ SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4.5 SPM  
 LOGS: DIG/SP/GR, CBL

Cement Top @ surface

SN @ 6415'



**FRAC JOB**

04/14/05 6393'-6482' **Frac CP5, and CP4 sands as follows:**  
 69,577# of 20/40 sand in 576 bbls lightning  
 17 frac fluid. Treated @ avg press of 2655  
 psi, w/avg rate of 24.3 bpm. ISIP 2040 psi.  
 Calc flush: 6390 gal. Actual flush: 6426 gal.

04/15/05 6204'-6331' **Frac CP3, CP2, and CP1 sands as follows:**  
 80,221# of 20/40 sand in 626 bbls lightning  
 17 frac fluid. Treated @ avg press of 1681  
 psi, w/avg rate of 26 bpm. ISIP 2000 psi.  
 Calc flush: 6202 gal. Actual flush: 6147 gal.

04/15/05 5482'-5492' **Frac C sands as follows:**  
 39,906# of 20/40 sand in 431 bbls lightning  
 17 frac fluid. Treated @ avg press of 2008  
 psi, w/avg rate of 25.7 bpm. ISIP 2600 psi.  
 Calc flush: 5480 gal. Actual flush: 5544 gal.

04/15/05 5303'-5319' **Frac D1 sands as follows:**  
 49,420# of 20/40 sand in 435 bbls lightning  
 17 frac fluid. Treated @ avg press of 1595  
 psi, w/avg rate of 25.8 bpm. ISIP 2120 psi.  
 Calc flush: 5301 gal. Actual flush: 5334 gal.

04/15/05 5053'-5183' **Frac DS1 and PB11 sands as follows:**  
 25,158# of 20/40 sand in 292 bbls lightning  
 17 frac fluid. Treated @ avg press of 2375  
 psi, w/avg rate of 25.9 bpm. ISIP 2370 psi.  
 Calc flush: 5051 gal. Actual flush: 5040 gal.

04/15/05 4805'-4810' **Frac GB6 sands as follows:**  
 25,051# of 20/40 sand in 264 bbls lightning  
 17 frac fluid. Treated @ avg press of 2265  
 psi, w/avg rate of 23 bpm. ISIP 3820 psi.  
 Calc flush: 4803 gal. Actual flush: 3234 gal.

11/09/06 **Tubing Leak.** Rod & Tubing detail updated.  
 2-2-07 **Tubing Leak:** Updated rod and tubing detail.

04/23/08 5303'-5319' **Acidize D1 sands:**  
 Pump 15bbls techni-hib 767, 18 bbls fresh  
 water spacer, 5.9 bbls acid, 35 bbls fresh water  
 flush. Avg. pump press @ 1491 psi @ 4.2 bpm.  
 ISIP @ 1333 psi. Returned 5 bbls

04/23/08 5482'-5492' **Acidize C sands:**  
 Pump 11 bbls techni-hib 767, W/5.9 bbls acid,  
 ISIP @ 1560 psi. Returned 5 bbls

04/23/08 6204'-6221' **Acidize C1 sands:**  
 Pump 13 bbls techni-hib 767, W/ 5.9 bbls acid.,  
 ISIP @ 1920 psi. Returned 5 bbls

04/23/08 6278'-6400' **Acidize CP2, CP3 & CP4 sands:**  
 Pump 25 bbls techni-hib 767, W/ 7.14 bbls acid,  
 ISIP @ 1909 psi. Returned 5 bbls

**PERFORATION RECORD**

Date	Depth Range	Number of JSPF	Number of Holes
04/05/05	6476'-6482'	4 JSPF	24 holes
04/05/05	6393'-6400'	4 JSPF	28 holes
04/14/05	6326'-6331'	4 JSPF	20 holes
04/14/05	6278'-6290'	4 JSPF	48 holes
04/14/05	6214'-6221'	4 JSPF	28 holes
04/14/05	6204'-6210'	4 JSPF	24 holes
04/15/05	5482'-5492'	4 JSPF	40 holes
04/15/05	5303'-5319'	4 JSPF	64 holes
04/15/05	5176'-5183'	4 JSPF	28 holes
04/15/05	5053'-5059'	4 JSPF	24 holes
04/15/05	4805'-4810'	4 JSPF	20 holes

**NEWFIELD**

Fenceline Federal 6-24-8-16  
 1975' FNL & 1954' FWL  
 SE/NW Section 24-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32362; Lease #UTU-74868

# Fenceline Federal 7-24-8-16

Spud Date: 11/18/04  
 Put on Production: 2/2/05  
 GL: 5402' KB: 5414'

Initial Production: 39BOPD,  
 141MCFD, 10BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

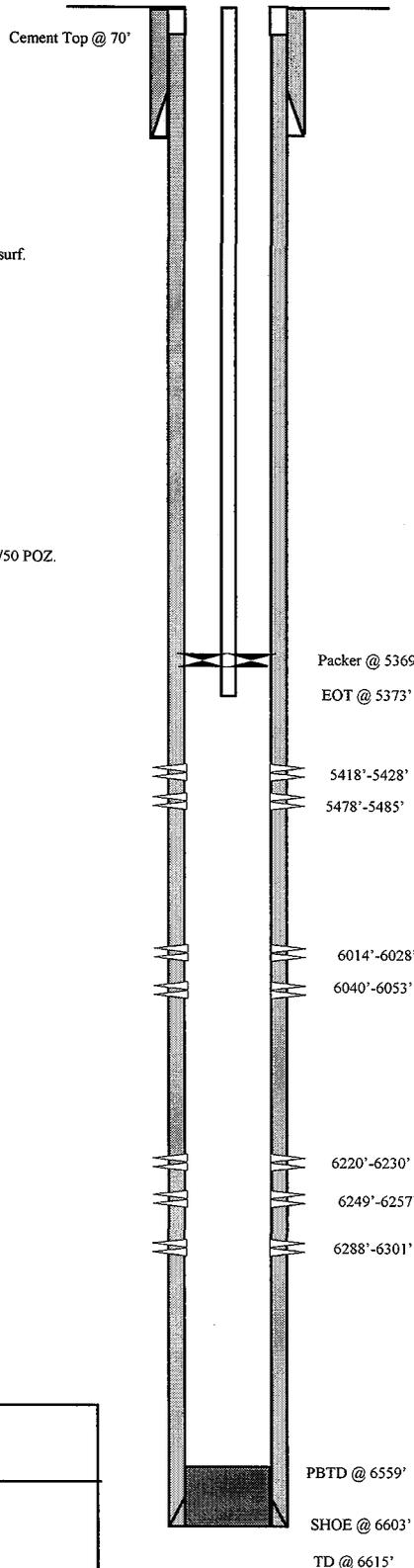
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts. (327.49')  
 DEPTH LANDED: 337.49' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 1 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 153 jts. (6605.44')  
 DEPTH LANDED: 6603.44' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.  
 CEMENT TOP AT: 70'

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 190 jts (6194.44')  
 TUBING ANCHOR: 6206.44' KB  
 NO. OF JOINTS: 3 jts (97.70')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6306.94' KB  
 NO. OF JOINTS: 2 jts (65.15')  
 TOTAL STRING LENGTH: EOT @ 6373.64' W/12' KB



**FRAC JOB**

1/25/05	6220'-6301'	<b>Frac CP1 and 2 sands as follows:</b> 99,703# 20/40 sand in 759 bbls Lightning Frac 17 fluid. Treated @ avg press of 1772 psi w/avg rate of 24.8 BPM. ISIP 2340 psi. Calc flush: 6218 gal. Actual flush: 6258 gal.
1/25/05	6014'-6053'	<b>Frac LODC sands as follows:</b> 89,362# 20/40 sand in 692 bbls Lightning Frac 17 fluid. Treated @ avg press of 2158 psi w/avg rate of 24.8 BPM. ISIP 2460 psi. Calc flush: 6011 gal. Actual flush: 6010 gal.
1/25/05	5478'-5485'	<b>Frac C sands as follows:</b> 24,833# 20/40 sand in 297 bbls Lightning Frac 17 fluid. Treated @ avg press of 2073 psi w/avg rate of 24.8 BPM. ISIP 2550 psi. Calc flush: 5476 gal. Actual flush: 5518 gal.
1/25/05	5418'-5428'	<b>Frac D-3 sands as follows:</b> 31,647# 20/40 sand in 352 bbls Lightning Frac 17 fluid. Treated @ avg press of 2583 psi w/avg rate of 24.8 BPM. ISIP 3600 psi. Screened out.
12/13/07		<b>Well converted to an Injection well.</b>
1/4/08		<b>MIT completed and submitted.</b>

**PERFORATION RECORD**

1/20/05	6288'-6301'	4 JSPF	52 holes
1/20/05	6249'-6257'	4 JSPF	32 holes
1/20/05	6220'-6230'	4 JSPF	40 holes
1/25/05	6040'-6053'	4 JSPF	52 holes
1/25/05	6014'-6028'	4 JSPF	56 holes
1/25/05	5478'-5485'	4 JSPF	28 holes
1/25/05	5418'-5428'	4 JSPF	40 holes

**NEWFIELD**

**Fenceline Federal 7-24-8-16**  
 2053' FNL & 2007' FEL  
 SW/NE Sec. 24, T8S R16E  
 Duchesne, County  
 API# 43-013-32361; Lease# UTU74868

Attachment E-4

# Fenceline 8-24-8-16

Spud Date: 3-10-05  
 Put on Production: 4-25-05  
 GL: 5386' KB: 5398'

Initial Production: 47 BOPD,  
 22 MCFD, 58 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. 300.63'  
 DEPTH LANDED: 312.48' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 184 jts. (6605.88')  
 DEPTH LANDED: 6619.13' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 375 sxs Prem. Lite II & 475 sxs 50/50 POZ.  
 CEMENT TOP AT: 570'

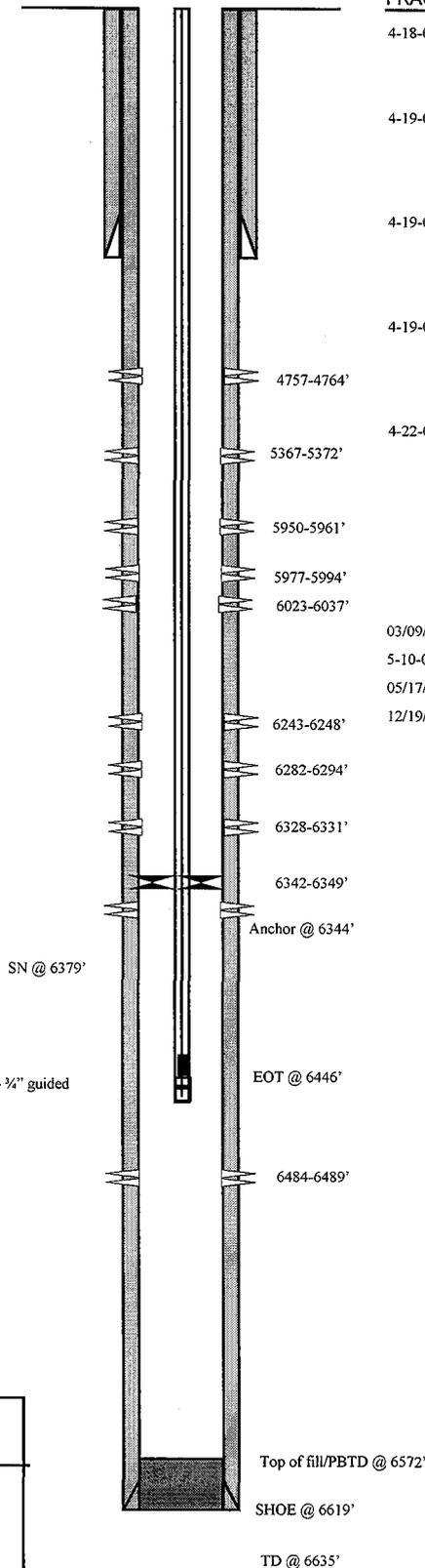
## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 195 jts (6343.6')  
 TUBING ANCHOR: 6343.6' KB  
 NO. OF JOINTS 2 jts (32.6')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6379' KB  
 NO. OF JOINTS: 2 jts (65.2')  
 TOTAL STRING LENGTH: EOT @ 6446' KB

## SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 2- 16' x 7/8" pony rod, 100- 7/8" guided rod, 108- 3/4" guided rods, 40- 3/4" guided rods, 6- 1 1/2" weight bars  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, 5 SPM

## Wellbore Diagram



## FRAC JOB

4-18-05	6484-6489'	<b>Frac CP5 sand as follows:</b> 25471#'s 20/40 sand in 309 bbls Lightning 17 frac fluid. Leaving 3423# of sand in pipe. Screened out 13 bbls short of flush.
4-19-05	5950-6037'	<b>Frac LODC sand as follows:</b> 75439#'s 20/40 sand in 598.5 bbls Lightning 17 frac fluid. Treated @ avg press of 2472 psi w/avg rate of 25.3 BPM. ISIP 2500 psi. Calc flush: 5948 gal. Actual flush: 5737 gal.
4-19-05	5367-5372'	<b>Frac D2, sand as follows:</b> 29776#'s 20/40 sand in 315 bbls Lightning 17 frac fluid. Treated @ avg press of 2012 psi w/avg rate of 25.4 BPM. ISIP 3000 psi. Calc flush: 5365 gal. Actual flush: 5124 gal.
4-19-05	4757-4764'	<b>Frac GB4 sand as follows:</b> 21131#'s 20/40 sand in 189.4 bbls Lightning 17 frac fluid. Treated @ avg press of 2632 psi w/avg rate of 25.2 BPM. Screen out 60 bbls short of flush.
4-22-05	6243-6349'	<b>Frac CP2 &amp; CP1 sand down tubing as follows:</b> 65011#'s 20/40 sand in 528 bbls Lightning 17 frac fluid. Treated @ avg press of 4048 psi w/avg rate of 15.6 BPM. ISIP 935 psi. Calc flush: 124.97 gal. Actual flush: 1428.
03/09/06		<b>Pump Change.</b> Update rod and tubing details.
5-10-07		<b>Tubing Leak:</b> Updated rod and tubing detail.
05/17/08		<b>Workover:</b> Updated rod and tubing detail.
12/19/09		<b>Pump Change.</b> Updated rod and tubing detail.

## PERFORATION RECORD

4-18-05	6484-6489'	4 JSPF	20 holes
4-19-05	5950-5961'	4 JSPF	44 holes
4-19-05	5977-5994'	4 JSPF	68 holes
4-19-05	6023-6037'	4 JSPF	56 holes
4-19-05	5367-5372'	4 JSPF	20 holes
4-19-05	4757-4764'	4 JSPF	28 holes
4-22-05	6243-6248'	4 JSPF	20 holes
4-22-05	6282-6294'	4 JSPF	48 holes
4-22-05	6328-6331'	4 JSPF	12 holes
4-22-05	6342-6349'	4 JSPF	28 holes

**NEWFIELD**

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**Fenceline 8-24-8-16**  
 1980' FNL & 660' FEL  
 SE/NE Section 24-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32360; Lease #UTU-74868

Spud Date: 9/23/97  
 Put on Production: 11/12/97  
 GL: 5438' KB: 5450'

# MBFNE #12-24

Initial Production: 94 BOPD,  
 206 MCFPD, 6 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.(314.57')  
 DEPTH LANDED: 306.33' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 149 jts.(6302')  
 DEPTH LANDED: 6299' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 400 sk HiBond mixed & 415 sxs thixotropic  
 CEMENT TOP AT:

**TUBING**

SIZE/GRADE/WT.: 2-7/8"/6.5#M-50.  
 NO. OF JOINTS: 169 jts 2 7/8 M-50 tbg (5264.77')  
 TUBING ANCHOR: 5277.77'  
 SEATING NIPPLE: 1.10'  
 SN LANDED AT: 5342.44'  
 NO. OF JOINT: 2 jts M-50 tbg (62.39')  
 TOTAL STRING LENGTH: EOT 5406.41' w/ KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished rod.  
 SUCKER RODS: 1-4"x3/4" pony rods, 99-3/4" guided rods; 53-3/4" plain; 61-3/4" guided; 6 1 1/2" wt bars, 6-1"x 4' pony between every wt bar pony rods w/ 3 guides per rod  
 PUMP SIZE: Axelson 2-1/2"x1-1/2"x10' x 14' RHAC  
 STROKE LENGTH: 62"  
 PUMP SPEED, SPM: 4 SPM

**FRAC JOB**

10/14/97 5238'-5308' **Frac D sand as follows:**  
 104,400# of 20/40 sand in 517 bbls of Boragel. Breakdown @ 2710 psi. Treated @ avg rate of 30 bpm w/avg press of 1980 psi. ISIP-2325 psi, 5-min 2340 psi. Flowback on 12/64" ck for 4 hours and died.

10/16/97 4989'- 5021' **Acid Soak PB sand**

10/18/97 4824'- 4832' **Frac GB sand as follows:**  
 38,200# 20/40 sand in 241 bbls of Boragel. Breakdown @ 3720 psi. Treated @ avg press of 2350 psi w/avg rate of 17.7 BPM. ISIP-2506 psi, 5 min 2447 psi. Flowback on 12/64" ck for 2-1/2 hrs and died.

9/11/02 Tubing leak. Update rod and tubing details.

10/18/04 Parted rods. Updated rod details.

10/27/05 Parted rods. Update rod and tubing details.

05-25-06 Tubing Leak. Updated rod & tubing detail.

09-29-06 Parted rods. Update rod & tubing detail.

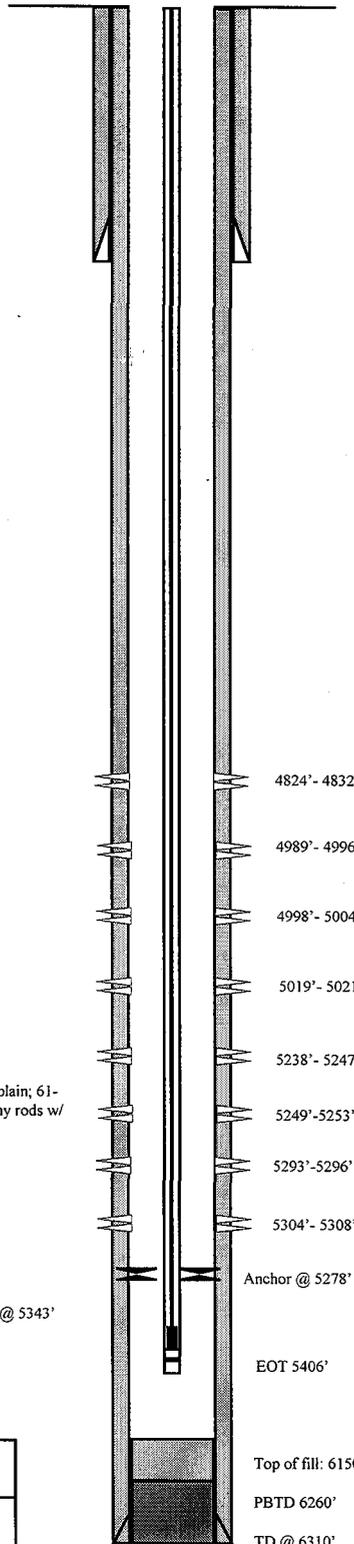
6/11/08 Parted rods. Updated rod and tubing detail

12/9/08 Tubing Leak. Updated rod & tubing details.

7/20/09 Parted rods. Updated rod & tubing details.

**PERFORATION RECORD**

10/12/97	5238'-5247'	4 JSPF	36 holes
10/12/97	5249'-5253'	4 JSPF	16 holes
10/12/97	5293'-5296'	4 JSPF	12 holes
10/12/97	5304'-5308'	4 JSPF	16 holes
10/15/97	5019'-5021'	4 JSPF	8 holes
10/15/97	4998'-5004'	4 JSPF	24 holes
10/15/97	4989'-4996'	4 JSPF	28 holes
10/17/97	4824'-4832'	4 JSPF	32 holes



SN LANDED @ 5343'

**NEWFIELD**

**MBFNE #12-24**

1930 FSL 659 FWL

NWSW Section 24-T8S-R16E

Duchesne Co, Utah

API #43-013-31923; Lease #U-67170

# Federal Q-24-8-16

Spud Date: 7-11-07  
 Put on Production: 08-28-07  
 GL: 5430' KB: 5442'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (304.97')  
 DEPTH LANDED: 316.82' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

**PRODUCTION CASING**

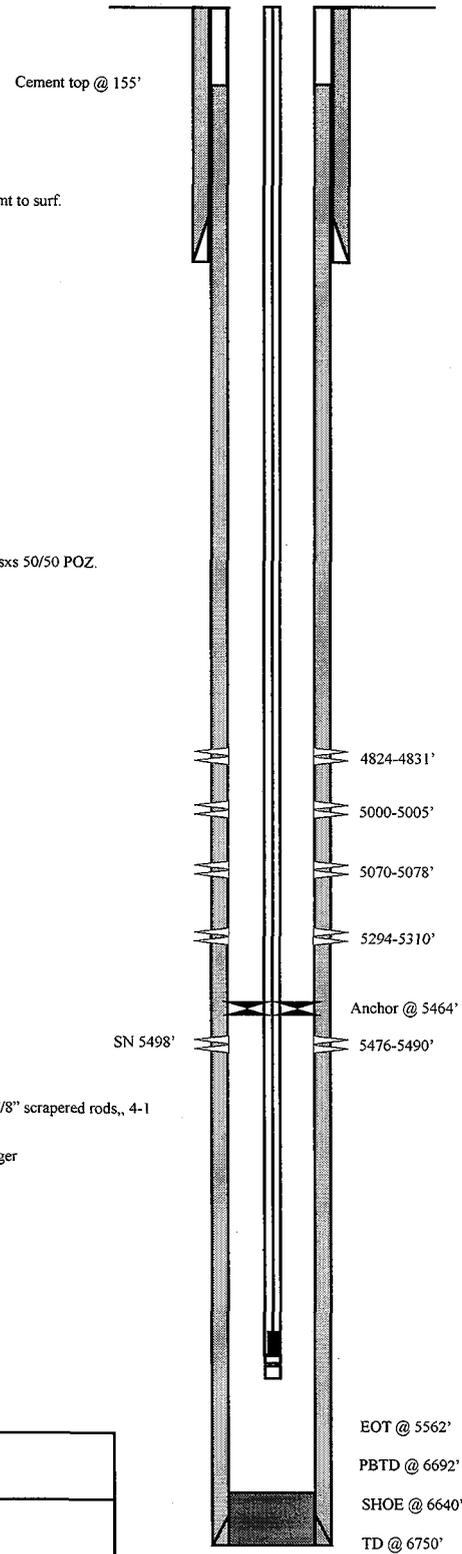
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 174 jts (6678.90')  
 DEPTH LANDED: 66692.15' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.  
 CEMENT TOP AT: 155'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 173 jts (5451.73')  
 TUBING ANCHOR: 5463.73' KB  
 NO. OF JOINTS: 1 jts (31.51')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5498.04' KB  
 NO. OF JOINTS: 2 jts (62.90')  
 TOTAL STRING LENGTH: EOT @ 5562.49' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 26' SM  
 SUCKER RODS: 1-2", & 1-8" x 3/4" pony rods, 215- 7/8" scraped rods, 4- 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 20' RHAC w/SM plunger  
 STROKE LENGTH: 123"  
 PUMP SPEED, SPM: 5 SPM



**FRAC JOB**

08-23-07 5476-5490' **Frac C sands as follows:**  
 74730# 20/40 sand in 622 bbls Lightning 17 frac fluid. Treated @ avg press of 1855 psi w/avg rate of 24.7 BPM. ISIP 2190 psi. Calc flush: 5474 gal. Actual flush: 4969 gal.

08-23-07 5294-5310' **Frac D1 sands as follows:**  
 90093# 20/40 sand in 698 bbls Lightning 17 frac fluid. Treated @ avg press of 1720 psi w/avg rate of 24.7 BPM. ISIP 1900 psi. Calc flush: 5292 gal. Actual flush: 4784 gal.

08-23-07 5000-5078' **Frac PB11, & PB10 sands as follows:**  
 29547# 20/40 sand in 396 bbls Lightning 17 frac fluid. Treated @ avg press of 2287 psi w/avg rate of 24.7 BPM. ISIP 2430 psi. Calc flush: 4998 gal. Actual flush: 4494 gal.

08-23-07 4824-4831' **Frac GB6 sand as follows:**  
 37985# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2066 w/ avg rate of 24.7 BPM. ISIP 2215 psi. Calc flush: 4822 gal. Actual flush: 4738 gal.

**PERFORATION RECORD**

Date	Interval	JSPF	Holes
08-16-07	5476-5490'	4 JSPF	56 holes
08-23-07	5294-5310'	4 JSPF	64 holes
08-23-07	5070-5078'	4 JSPF	32 holes
08-23-07	5000-5005'	4 JSPF	20 holes
08-23-07	4824-4831'	4 JSPF	28 holes

**NEWFIELD**

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**Federal Q-24-8-16**

644' FSL & 1966' FWL

SE/SW Section 24-T8S-R16E

Duchesne Co, Utah

API # 43-013-33271; Lease # UTU-67170

Spud Date: 11/13/97  
 Put on Production: 1/9/98  
 GL: 5429' KB: 5439'

# Monument Butte Federal #11-24-8-16

Initial Production: 26 BOPD,  
 69 MCFPD, 48 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.(291.74')  
 DEPTH LANDED: 301.74' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Premium cmt, est 7 bbls to surf.

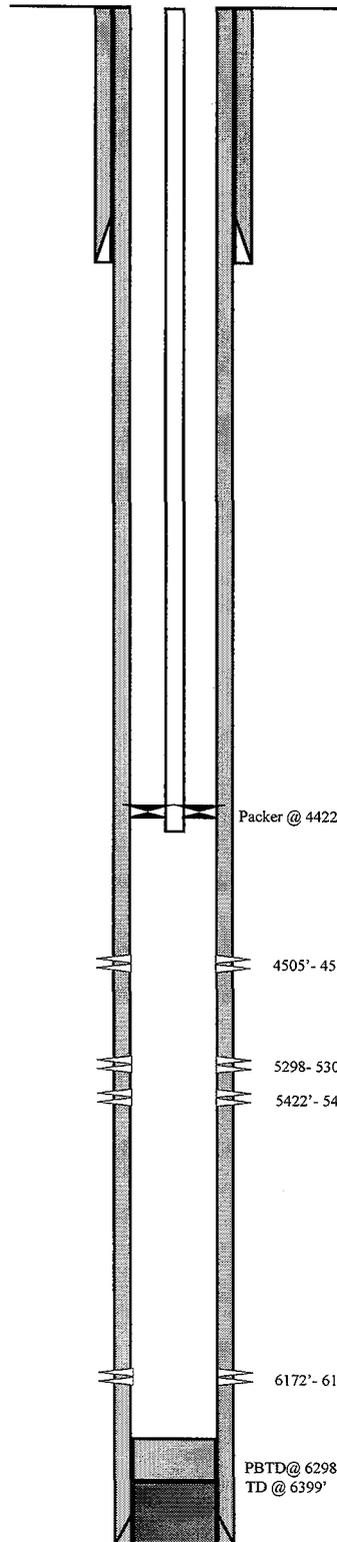
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 149 jts.(6379')  
 DEPTH LANDED: 6389' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sk HiBond mixed & 410 sxs thixotropic  
 CEMENT TOP AT:

### TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/M-50.  
 NO. OF JOINTS: 141 jts. (4407.76')  
 SEATING NIPPLE: 2-7/8" (4417.76')  
 TOTAL STRING LENGTH: 4426.19'

Injection Wellbore  
 Diagram



### FRAC JOB

12/13/97 5298'-5430' **Frac CP sand as follows:**  
 95,300# 20/40 sand in 537 bbls of Delta frac. Breakdown @ 3302 psi. Treated @ avg rate of 29.8 BPM w/avg press of 1700 psi. ISIP-2510 psi, 5 min 1918 psi. Flowback on 12/64" ck for 4 hrs & died.

12/16/97 5298'- 5430' **Frac C/D sands as follows:**  
 104,300# 20/40 sand in 526 bbls Delta frac. Breakdown @ 2002 psi. Treated @ avg press of 1600 psi w/avg rate of 28.2. ISIP-2007 psi, 5 min 1793 psi. Flowback on 12/64" ck for 3-1/2 hrs and died.

12/18/97 4505'- 4518' **Frac E sand as follows:**  
 97,200# 20/40 sand in 486 bbls of Delta frac. Breakdown @ 2050 psi. Treated @ avg press of 1610 psi w/avg rate of 24.2 BPM. ISIP-1798 psi, 5 min 1695. Flowback on 12/64" ck for 4-1/2 hrs and died.

5/20/99 **Well converted to an Injection Well.**  
 3/6/09 **5 Year MIT completed and submitted.**

### PERFORATION RECORD

12/12/97	6172'-6185'	4 JSPF	52 holes
12/14/97	5298'-5303'	4 JSPF	20 holes
12/14/97	5422'-5430'	4 JSPF	32 holes
12/17/97	4505'-4518'	4 JSPF	52 holes



**Monument Butte Federal #11-24X**  
 1992 FSL 1985 FWL  
 NESW Section 24-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31990; Lease #U-67170

# Monument Butte Federal #14-24-8-16

Spud Date: 5/29/96  
 Put on Production: 8/3/96  
 GL: 5430' KB: 5442'

Initial Production: 76 BOPD,  
 96 MCFPD, 11 BWPD

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.(307.10')  
 DEPTH LANDED: 301.10'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, mixed, 50 sxs Premium Plus mixed, est 9 bbls cement to surf.

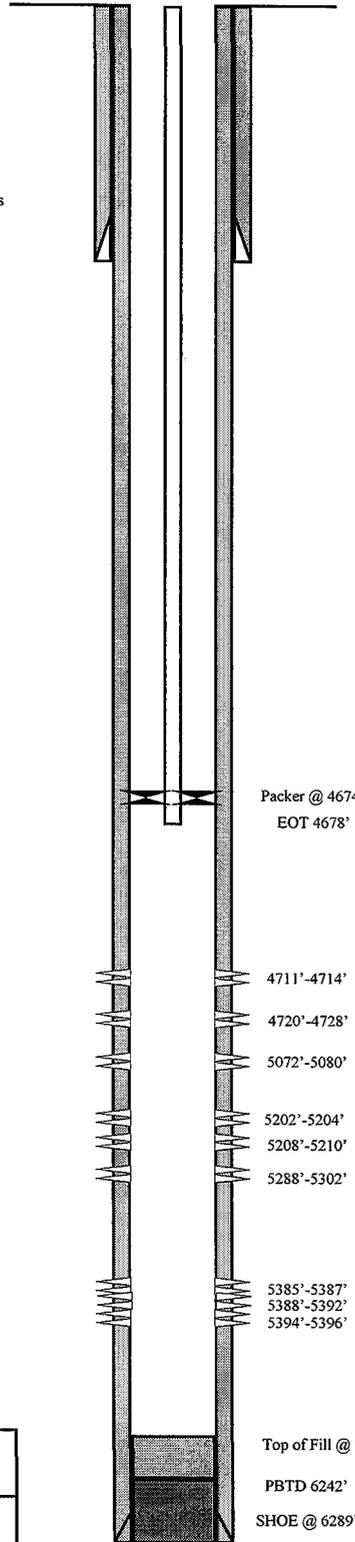
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 152 jts.(6294.61')  
 DEPTH LANDED: 6288.61'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 330 sk Hyfill std mixed & 390 sxs Thixo mixed.  
 CEMENT TOP AT: Surface (estimate from cbl)

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / 6.5# / M-50  
 NO. OF JOINTS: 148 jts. (4656.56') 20 new joints  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4669.56' KB  
 TOTAL STRING LENGTH: EOT @ 4678.06' W/ 13'KB

Injection Wellbore Diagram



**FRAC JOB**

7/25/96 5202'-5396' **Frac D1, D3 and C sands as follows:**  
 138,400# 20/40 sd in 688 bbls of Boragel. Breakdown @ 2900 psi. Treated @ avg rate of 36 bpm w/avg press of 1970 psi. ISIP-2039 psi., 5-min 1980 psi. Flowback on 16/64" ck for 5 hrs & died.Calc. Flush: Actual Flush: 5081

7/29/96 5072'-5080' **Frac XY/DC sands as follows:**  
 72,900# 20/40 sd in 401 bbls of Boragel. Breakdown @ 2174 psi. Treated @ avg rate of 20 bpm w/avg press of 2450 psi. ISIP- 2536 psi, 5-min 2409 psi. Flowback on 16/64" ck for 4 hrs until dead. Calc. Flush: Actual Flush: 5027

7/31/96 4711'-4728' **Frac GB-6 sand as follows:**  
 85,300# of 20/40 sd in 401 bbls of Boragel. Breakdown @ 1510 psi. Treated @ avg rate of 20.5 bpm w/avg press of 2500 psi. ISIP-4371 psi, 5-min 3010 spi. Flowback on 16/64" ck. for 3-1/2 hrs until dead.

7/11/01 Pumpchange. Revised rod and tubing etails.  
 1/29/02 **Tubing leak.** Revised rod and tubing details.  
 01/29/03 **Tubing Leak:** Revised rod and tubing details.  
 08/26/03 **Tubing Leak:** Revised rod and tubing details.  
 11/07/07 Tubing Leak. Rod & Tubing detail updated.  
 2/5/09 Well converted to an Injection Well.  
 2/17/09 MIT completed and submitted.

**PERFORATION RECORD**

7/24/96	5384'-5387'	2 JSPF	4 holes
7/24/96	5388'-5392'	2 JSPF	8 holes
7/24/96	5394'-5396'	2 JSPF	4 holes
7/24/96	5288'-5302'	4 JSPF	56 holes
7/24/96	5202'-5204'	2 JSPF	4 holes
7/24/96	5208'-5210'	2 JSPF	4 holes
7/27/96	5072'-5080'	4 JSPF	32 holes
7/30/96	4711'-4714'	4 JSPF	16 holes
7/30/96	4720'-4728'	4 JSPF	36 holes

**NEWFIELD**

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**Monument Butte Federal #14-24-8-16**

660 FSL & 1980 FWL

SESW Section 24-T8S-R16E

Duchesne Co, Utah

API #43-013-31630; Lease #UTU-67170

# Monument Butte Federal #15-24

Spud Date: 5/10/96

Initial Production: ? BOPD, ?  
MCFPD, ? BWPD

Put on Injection: 2/10/97

GL: 5416' KR: 5429'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (293.68')  
DEPTH LANDED: 290'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt.

**PRODUCTION CASING**

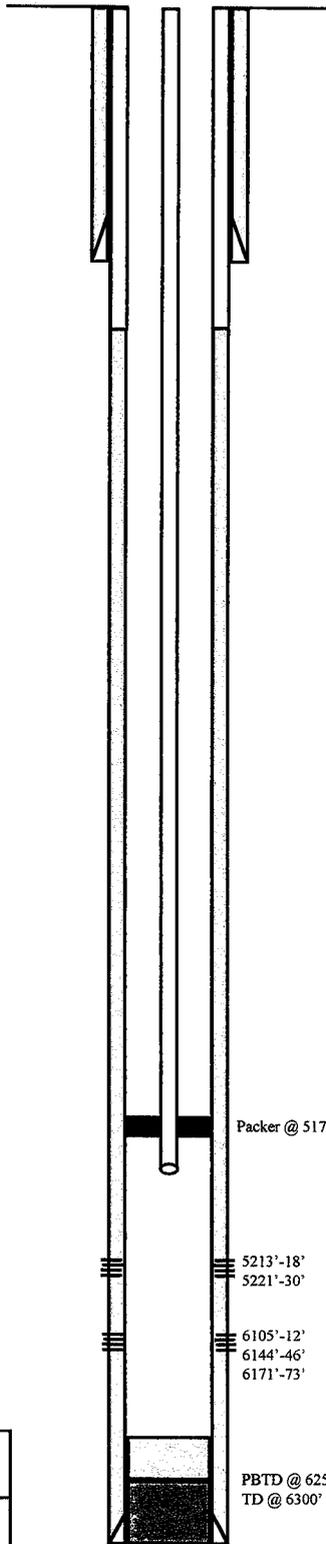
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 148 jts. (6302.63')  
DEPTH LANDED: 6300'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 330 sk Hyfill mixed & 355 sxs thixotropic  
CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
NO. OF JOINTS: 165 jts  
PACKER: 5172.68'  
SEATING NIPPLE: 2-7/8" (1.10')  
TOTAL STRING LENGTH: ? (EOT @ 5172.68')  
SN LANDED AT: 5168.41'

**SUCKER RODS**

**Injection Diagram**



**FRAC JOB**

6/6/96 6105'-6173' **Frac CP-2 and CP-1 sands as follows:**  
77,700# 20/40 sd in 437 bbls of Boragel  
Breakdown @ 1958 psi & treated @ avg  
1480 psi. ISIP-1802 psi, 5-min 1638 psi  
Flowback on 16/64" ck @ 1.4 bpm 1.5  
hrs until dead.

6/8/96 5213'-5230' **Frac D-1 sand as follows:**  
57,500# 20/40 sd in 433 bbls Boragel  
Breakdown @ 2113 psi & treated @ avg  
rate 16.5 bpm w/ avg press 1250 psi.  
ISIP-1846 psi, 5-min 1573 psi. Flowback  
on 16/64" ck. 1-1/2 hrs until dead.

**PERFORATION RECORD**

Date	Depth Range	Tool	Holes
6/5/96	6171'-6173'	4 JSPF	4 holes
6/5/96	6144'-6146'	4 JSPF	8 holes
6/5/96	6105'-6112'	4 JSPF	28 holes
6/7/96	5221'-2130'	4 JSPF	20 holes
6/7/96	5213'-5218'	4 JSPF	36 holes



**Inland Resources Inc.**

**Monument Butte Federal #15-24**

660 FSL 1980 FEL

SWSE Section 24-T8S-R16E

Duchesne Co, Utah

API #43-013-31628; Lease #U-67170

PBTD @ 6259'  
TD @ 6300'

# Monument Butte NE Federal 9-24-8-16

Spud Date: 03-28-05  
 Put on Production: 08-09-05  
 GL: 5379' KB: 5391'

Initial Production: BOPD,  
 MCFD, BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

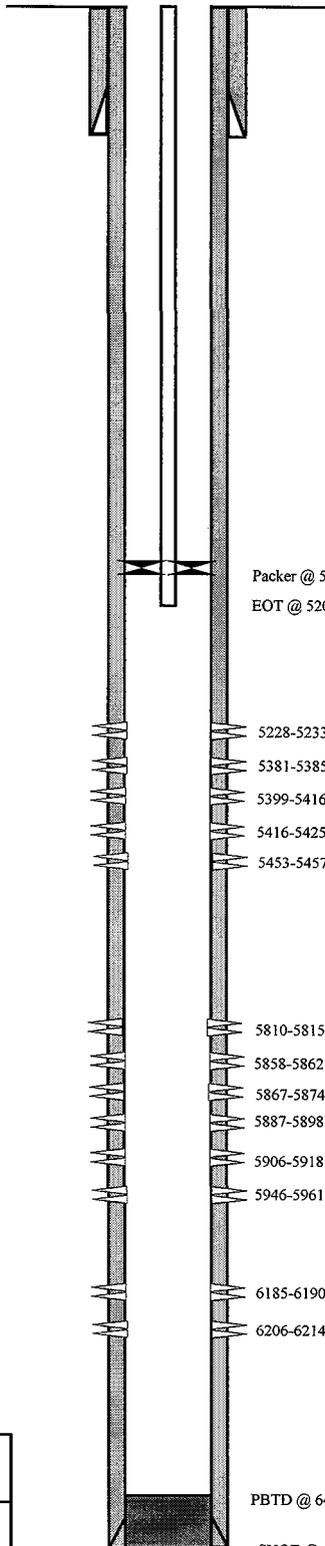
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (297.96')  
 DEPTH LANDED: 309.81' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 154 jts (6527.04')  
 DEPTH LANDED: 6540.29' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ  
 CEMENT TOP AT: Surface

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 167 jts (5184.67')  
 SN LANDED AT: 5196.67' KB  
 Arrowset 1-X packer (7.40')  
 CE (3.30') @ 5201.07'  
 TOTAL STRING LENGTH: EOT @ 5205.17' KB



**FRAC JOB**

08-04-05	6185-6214'	<b>Frac CP2 sands as follows:</b> 40274# 20/40 sand in 407 bbls Lightning 17 frac fluid. Treated @ avg press of 1719 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 6183 gal. Actual flush: 6174 gal.
08-04-05	5810-5961'	<b>Frac LODC sands as follows:</b> 200478# 20/40 sand in 1344 bbls Lightning 17 frac fluid. Treated @ avg press of 2084 psi w/avg rate of 24.8 BPM. ISIP 2500 psi. Calc flush: 5808 gal. Actual flush: 5838 gal.
08-04-05	5381-5457'	<b>Frac C, &amp; D3 sands as follows:</b> 95275# 20/40 sand in 702 bbls Lightning 17 frac fluid. Treated @ avg press of 1437 psi w/avg rate of 25 BPM. ISIP 1850 psi. Calc flush: 5379 gal. Actual flush: 5418 gal.
08-04-05	5228-5233'	<b>Frac D1 sands as follows:</b> 22606# 20/40 sand in 307 bbls Lightning 17 frac fluid. Treated @ avg press of 1950 w/ avg rate of 25.2 BPM. ISIP 2800 psi. Calc flush: 5226 gal. Actual flush: 5166 gal.
04/16/07		<b>Tubing Leak:</b> Update rod and tubing detail.
2/15/08		<b>Well converted to an Injection well.</b>
2/29/08		<b>MIT completed and submitted.</b>
06/24/09		<b>Tubing Leak:</b> Update rod and tbg detail
06/24/09		<b>MIT completed</b>

**PERFORATION RECORD**

07-27-05	6206-6214'	4 JSPF	32 holes
07-27-05	6185-6190'	4 JSPF	20 holes
08-04-05	5946-5961'	4 JSPF	60 holes
08-04-05	5906-5918'	4 JSPF	48 holes
08-04-05	5887-5898'	4 JSPF	44 holes
08-04-05	5867-5874'	4 JSPF	28 holes
08-04-05	5858-5862'	4 JSPF	16 holes
08-04-05	5810-5815'	4 JSPF	20 holes
08-04-05	5453-5457'	4 JSPF	16 holes
08-04-05	5416-5425'	4 JSPF	36 holes
08-04-05	5399-5416'	4 JSPF	52 holes
08-04-05	5381-5385'	4 JSPF	16 holes
08-04-05	5228-5233'	4 JSPF	20 holes

**NEWFIELD**

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**Monument Butte NE Federal 9-24-8-16**

2080' FSL & 638' FEL  
 NE/SE Section 24-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32359; Lease #UTU-67170

# Sand Wash Federal 12-19-8-17

Spud Date: 8-03-05  
Put on Production: 9-21-05

GL: 5373' KB: 5385'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (294.77')  
DEPTH LANDED: 306.62' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 150 jts. (6577.73')  
DEPTH LANDED: 6590.98' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 400 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.  
CEMENT TOP AT: 360'

**TUBING**

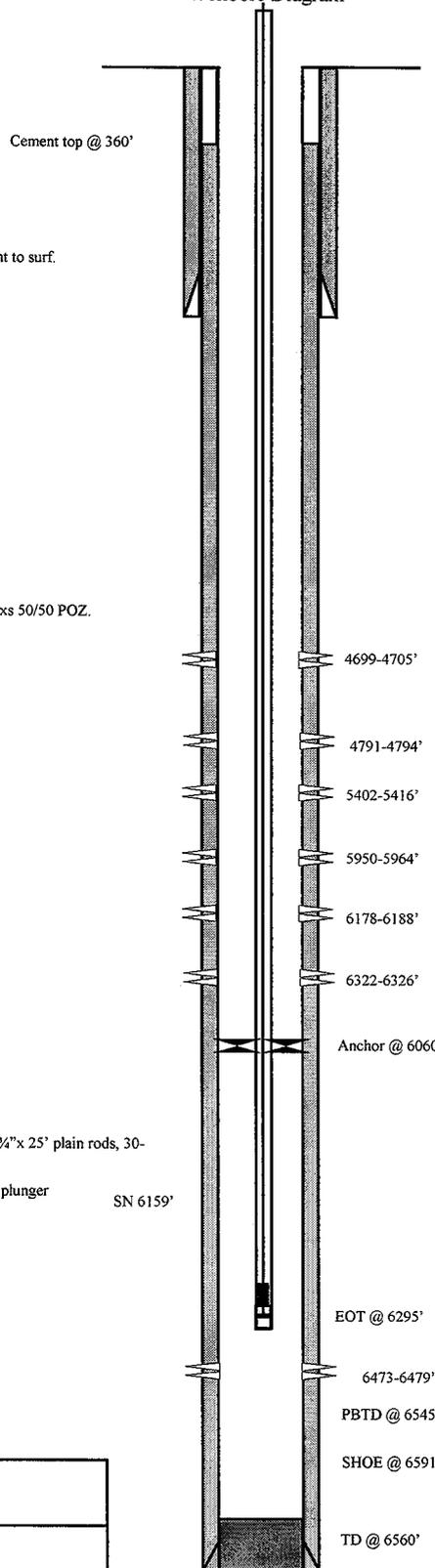
SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 188 jts (6047.96')  
TUBING ANCHOR: 6059.96' KB  
NO. OF JOINTS: 3 jts (96.51')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6159.27' KB  
NO. OF JOINTS: 3 jts (97.15')  
TOTAL STRING LENGTH: EOT @ 6295.37' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 100- 7/8" x 25' scraped rods, 110- 3/4" x 25' plain rods, 30- 3/4" x 25' scraped rods, 6- 1 1/2" x 25' weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15' RHAC w/SM plunger SN 6159'  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM

Initial Production: BOPD,  
MCFD, BWPD

Wellbore Diagram



**FRAC JOB**

09-16-05 6322-6479' **Frac BS, & CP4 sands as follows:**  
30584# 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 2249 psi w/avg rate of 22.6 BPM. ISIP 2630 psi. Calc flush: 6320 gal. Actual flush: 6342 gal.

09-16-05 6178-6188' **Frac CP2 sands as follows:**  
65477# 20/40 sand in 556 bbls Lightning 17 frac fluid. Treated @ avg press of 1959 psi w/avg rate of 22.8 BPM. ISIP 2290 psi. Calc flush: 6176 gal. Actual flush: 6174 gal.

09-16-05 5950-5964' **Frac LODC sands as follows:**  
160294# 20/40 sand in 1094 bbls Lightning 17 frac fluid. Treated @ avg press of 2062 psi w/avg rate of 22.9 BPM. ISIP 2650 psi. Calc flush: 5948 gal. Actual flush: 5964 gal.

09-16-05 5402-5416' **Frac C sands as follows:**  
60843# 20/40 sand in 489 bbls Lightning 17 frac fluid. Treated @ avg press of 1814 psi w/avg rate of 22.8 BPM. ISIP 2200 psi. Calc flush: 5400 gal. Actual flush: 5376 gal.

09-16-05 4699-4794' **Frac GB4 & GB6 sands as follows:**  
37443# 20/40 sand in 344 bbls Lightning 17 frac fluid. Treated @ avg press of 1727 psi w/avg rate of 23 BPM. ISIP 2200 psi. Calc flush: 4697 gal. Actual flush: 4620 gal.

11-15-06 **Pump Change:** Tubing & Rod detail updated.  
04/18/07 **Pump Change:** Updated rod and tubing detail.  
1-21-08 **Pump Change:** Updated rod & tubing details.  
2/3/09 **Pump Change:** Updated r & t details.

**PERFORATION RECORD**

Date	Interval	Tool	Holes
09-14-05	6473-6479'	4 JSPF	16 holes
09-14-05	6322-6326'	4 JSPF	24 holes
09-16-05	6178-6188'	4 JSPF	40 holes
09-16-05	5950-5964'	4 JSPF	56 holes
09-16-05	5402-5416'	4 JSPF	56 holes
09-16-05	4791-4794'	4 JSPF	12 holes
09-16-05	4699-4705'	4 JSPF	24 holes

**NEWFIELD**

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**Ashley Federal 12-19-8-17**

1938' FSL & 633' FWL

NW/SW Section 19-T8S-R17E

Duchesne Co, Utah

API #43-013-32375; Lease #UTU-50376

# Monument Butte Federal NE 16-24-8-16

Spud Date: 5/4/96  
 Put on Production: 6/14/96  
 GL: 5399' KB: 5412'

Initial Production: 76 BOPD,  
 65 MCFPD, 55 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.(293.31')  
 DEPTH LANDED: 306.31'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147 jts.(6341.36')  
 DEPTH LANDED: 6296.23'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 315 sk Hyfill mixed & 350 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

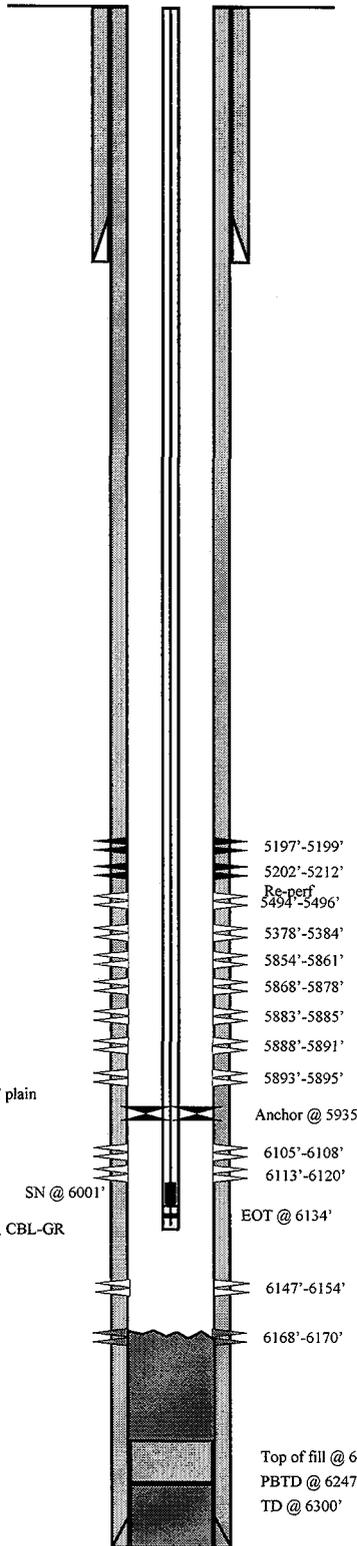
## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 188 jts. (5919.61')  
 TUBING ANCHOR: 5935.41' KB  
 NO. OF JOINTS: 2 jt. (64.75')  
 SEATING NIPPLE: 2-7/8" (1.10")  
 SN LANDED AT: 6001.26' KB  
 NO. OF JOINTS: 4 jts. (127.09')  
 TOTAL STRING LENGTH: EOT @ 6134.29' W/13' KB

## SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod.  
 SUCKER RODS: 6 - 1-1/2" wt rods, 55 - 3/4" scraper rods, 78 - 3/4" plain rods, 101 - 7/8" scraper rods, 2-4', 6', 8' x 7/8" pony rods  
 PUMP SIZE: 2-1/2" x 1 1/2" x 16"x20" RHAC pump  
 STROKE LENGTH: 108"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

Wellbore Diagram



## FRAC JOB

6/4/96	6105'-6170'	<b>Frac CP-2 and CP-1 sands as follows:</b> 99,600# 20/40 sd in 548 bbls Boragel. Breakdown @ 2969 psi & treated @ avg rate 24.4 bpm @ avg press 1700 psi. ISIP-2283 psi, 5-min 2047 psi. Flowback on 16/64" ck @ 1.8 bpm.
6/6/96	5854'-5895'	<b>Frac LODC sand as follows:</b> 77,700# 20/40 sd in 467 bbls Boragel. Breakdown @ 2582 psi & treated @ avg rate 14.9 bpm & avg press 1800 psi. ISIP-2264 psi, 5-min 2110 psi. Flowback on 16/64" ck @ 1.7 bpm for 1 hr until dead.
6/8/96	5378'-5496'	<b>Frac C and B-1 sands as follows:</b> 91,500# 20/40 sd in 514 bbls of Boragel. Breakdown @ 2172 psi treated w/avg rate 24 bpm w/avg press 1600 psi. ISIP-2264 psi, 5-min 1425 spi. Flowback on 16/64" ck 3 hrs until dead.
04/18/07	5202'-5212'	<b>Frac D1 sand as follows:</b> 89682# 20/40 sand in 678 bbls Lightning 17 frac fluid. Treated @ avg press of 3550 psi w/avg rate of 14.7 BPM. ISIP 2188 psi. Calc flush: 2316 gal. Actual flush: 1260 gal.
6/11/96	5197'-5212'	<b>Frac D-1 sand as follows:</b> 92,200# of 20/40 sd in 501 bbls Boragel. Breakdown @ 1217 psi & treated @ avg rate of 18.5 bpm w/avg press of 1600 psi. ISIP-1979 psi, 5-min 1425 psi. Flowback on 16/64" ck. Flowed for 3 hrs & died.
1/4/02		Tubing leak. Isolate water zones. Update rod and tubing details.
4/4/02		Squeeze D sands. Update rod & tubing details.
04/18/07	<b>Recompletion</b>	Rod & Tubing Detail updated.

## PERFORATION RECORD

6/3/96	6105'-6108'	4 JSPF	12 holes
6/3/96	6113'-6120'	4 JSPF	28 holes
6/3/96	6147'-6154'	4 JSPF	28 holes
6/3/96	6168'-6170'	4 JSPF	8 holes
6/5/96	5854'-5861'	4 JSPF	28 holes
6/5/96	5868'-5878'	4 JSPF	40 holes
6/5/96	5883'-5885'	4 JSPF	8 holes
6/5/96	5888'-5891'	4 JSPF	12 holes
6/5/96	5893'-5895'	4 JSPF	8 holes
6/7/96	5378'-5384'	4 JSPF	24 holes
6/7/96	5494'-5496'	4 JSPF	8 holes
6/10/96	5197'-5199'	4 JSPF	8 holes
6/10/96	5202'-5212'	4 JSPF	40 holes
04/18/07	5202'-5212'	4 JSPF	40 holes

Top of fill @ 6167'  
 PBTB @ 6247'  
 TD @ 6300'



**Monument Butte Federal #16-24-8-16**  
 660 FSL & 660 FEL  
 SE/SE Section 24-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31629; Lease #UTU-67170

# Monument Butte NE Federal C-25-8-16

Spud Date: 4-20-07  
 Put on Production: 6-28-07  
 GL: 5416' KB: 5428'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (306.86')  
 DEPTH LANDED: 318.53' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 153 jts. (6691.92')  
 DEPTH LANDED: 6705.17' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.  
 CEMENT TOP AT: 22'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 196 jts (6131.39')  
 TUBING ANCHOR: 6143.39' KB  
 NO. OF JOINTS: 1 jts (31.59')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6177.08' KB  
 NO. OF JOINTS: 2 jts (63.33')  
 TOTAL STRING LENGTH: EOT @ 6241.96' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 26' SM  
 SUCKER RODS: 1-4', & 1-2' X 7/8" pony rods, 242- 7/8" scraped rods, 4 - 1 1/2" weight rods..  
 PUMP SIZE: 2-1/2" x 1-3/4" x 20' RHAC w/SM plunger  
 STROKE LENGTH: 126"  
 PUMP SPEED, SPM: 5 SPM

**FRAC JOB**

06-22-07 6176-6185' **Frac CP1 sands as follows:**  
 19923# 20/40 sand in 316 bbls Lightning 17 frac fluid. Treated @ avg press of 1646 psi w/avg rate of 24.8 BPM. ISIP 1815 psi. Calc flush: 6174 gal. Actual flush: 5628 gal.

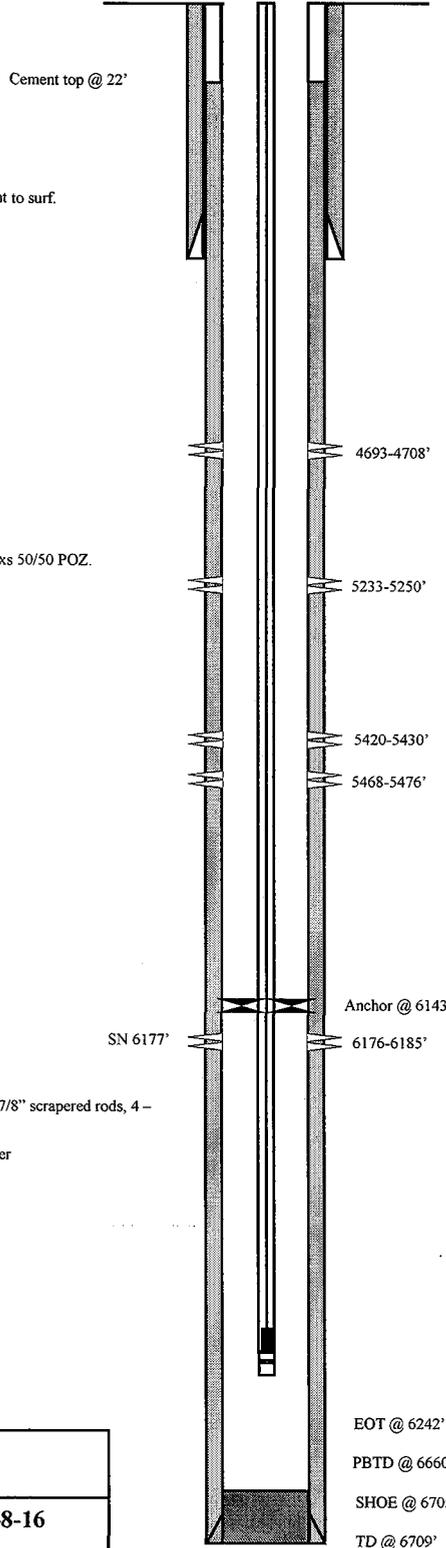
06-22-07 5420-5476' **Frac C, & B.5 sands as follows:**  
 90854# 20/40 sand in 666 bbls Lightning 17 frac fluid. Treated @ avg press of 1960 psi w/avg rate of 24.8 BPM. ISIP 2047 psi. Calc flush: 5418 gal. Actual flush: 4914 gal.

06-22-07 5233-5250' **Frac D1 sands as follows:**  
 51299# 20/40 sand in 447 bbls Lightning 17 frac fluid. Treated @ avg press of 1681 psi w/avg rate of 24.7 BPM. ISIP 1858 psi. Calc flush: 5231 gal. Actual flush: 4704 gal.

06-22-07 4693-4708' **Frac GB4 sand as follows:**  
 29480# 20/40 sand in 302 bbls Lightning 17 frac fluid. Treated @ avg press of 1856 w/ avg rate of 24.8 BPM. ISIP 1941 psi. Calc flush: 4691 gal. Actual flush: 4629 gal.

**PERFORATION RECORD**

06-15-07	6176-6185'	4 JSPF	36 holes
06-22-07	5468-5476'	4 JSPF	32 holes
06-22-07	5420-5430'	4 JSPF	40 holes
06-22-07	5233-5250'	4 JSPF	68 holes
06-22-07	4693-4708'	4 JSPF	60 holes



**NEWFIELD**

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**Monument Butte NE Federal C-25-8-16**

667' FNL & 1999' FEL  
 NW/NE Section 25-T8S-R16E  
 Duchesne Co, Utah  
 API # 43-013-33274; Lease # UTU-67170

# Monument Butte Federal #2-25-8-16

Spud Date: 3/07/96

Put on Production: 4/10/96  
GL: 5413' KB: 5426'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: jts. (305')  
DEPTH LANDED: 302'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls cmt to surf

**PRODUCTION CASING**

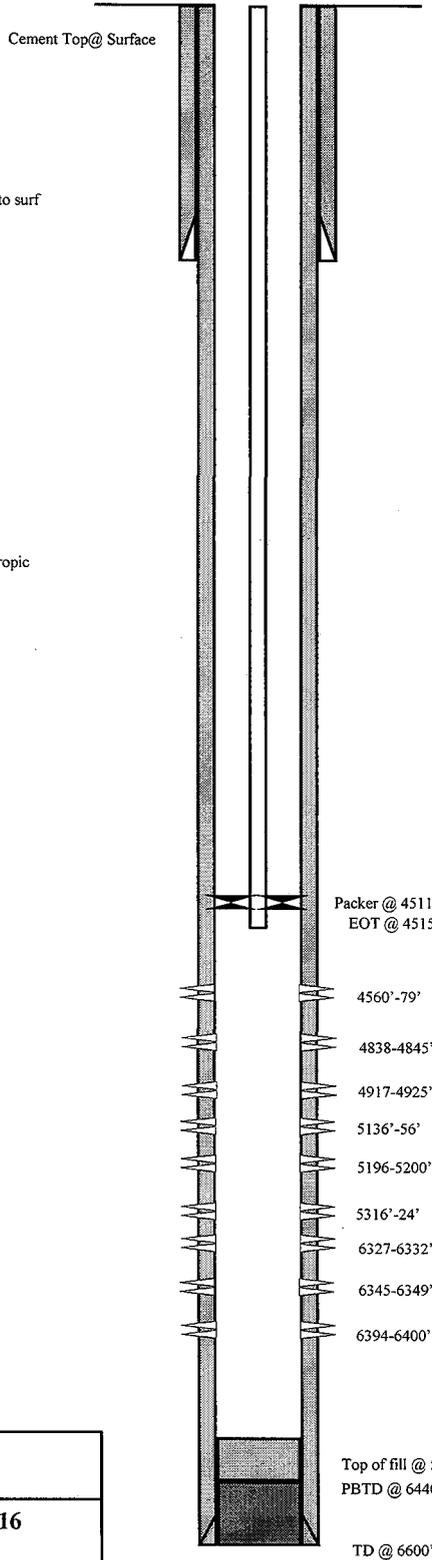
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 157 jts. (6605.03')  
DEPTH LANDED: 6583.60'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 340 sk Hyfill mixed & 450 sxs thixotropic  
CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
NO. OF JOINTS: 148 jts  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4506.33'  
TOTAL STRING LENGTH: EOT @ 4514.82' KB

Initial Production: 145 BOPD,  
132 MCFG, 23 BWPD

**Injection Wellbore Diagram**



**FRAC JOB**

4/1/96 5316'-5324' **Frac C sand as follows:**  
77,770# of 20/40 sand in 456 bbls of Boragel .  
Treated w/, avg press 2100 psi, avg rate 18  
bpm ISIP- 2267. Calc. flush: 5316 gal. Actual  
flush: ?.

4/3/96 5136'-5156' **Frac D sand as follows:**  
72,000# of 20/40 sand in 430 bbls of Boragel.  
Treated @ avg press 1750 psi, avg rate 23.3  
bpm, ISIP-2152 psi. Calc. flush: 5136 gal.  
Actual flush: 5051 gal.

4/6/96 4560'-4579' **Frac GB-4 sand as follows:**  
81,600# of 20/40 sand in 453 bbls of Boragel.  
Treated @ avg press 1900 psi, avg rate 27.5  
bpm, ISIP 2346 psi. Calc. flush: 4560 gal.  
Actual flush: 4470 gal.

**Recompletion:**

07/23/07 6327-6400' **Frac CP5 & BS sand as follows:**  
59429# of 20/40 sand in 507 bbls of Lighting  
17 frac fluid. Treated @ avg press 4876 psi, avg  
rate 14.2 bpm. Calc. flush: 2514 gal.  
Actual flush: 1491 gal.

07/25/07 5196-5200' **Frac D2 sand as follows:**  
14265# of 20/40 sand in 171 bbls of Lighting  
17 frac fluid. Treated @ avg press 4973 psi, avg  
rate 14.2 bpm. Calc. flush: 2352 gal.  
Actual flush 1197 gal.

07/25/07 4838-4925' **Frac PB10 & PB11 sand as follows:**  
51007# of 20/40 sand in 437 bbls of Lighting  
17 frac fluid. Treated @ avg press 3999 psi, avg  
rate 14.2 bpm. Calc. flush: 5486 gal. ?  
Actual flush 1147 gal.

2/9/09 **Well converted to an Injection Well.**

2/17/09 **MIT completed and submitted.**

**PERFORATION RECORD**

3/30/96	5316'-5324'	4 JSPF	32 holes
4/02/96	5136'-5156'	4 JSPF	? holes
4/04/96	4560'-4579'	4 JSPF	72 holes
07/23/07	6394-6400'	4 JSPF	24 holes
07/23/07	6345-6349'	4 JSPF	16 holes
07/23/07	6327-6332'	4 JSPF	20 holes
07/23/07	5196-5200'	4 JSPF	16 holes
07/25/07	4917-4925'	4 JSPF	32 holes
07/25/07	4838-4845'	4 JSPF	28 holes

**NEWFIELD**

**Monument Butte Federal #2-25-8-16**

679 FNL & 1979 FEL  
NWNE Section 25-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31604; Lease #U-67170

# Monument Butte NE B-25-8-16

Spud Date: 01/12/2010  
 Put on Production: 02/18/2010  
 GL: 5399' KB: 5411'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts (263.81')  
 DEPTH LANDED: 319'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

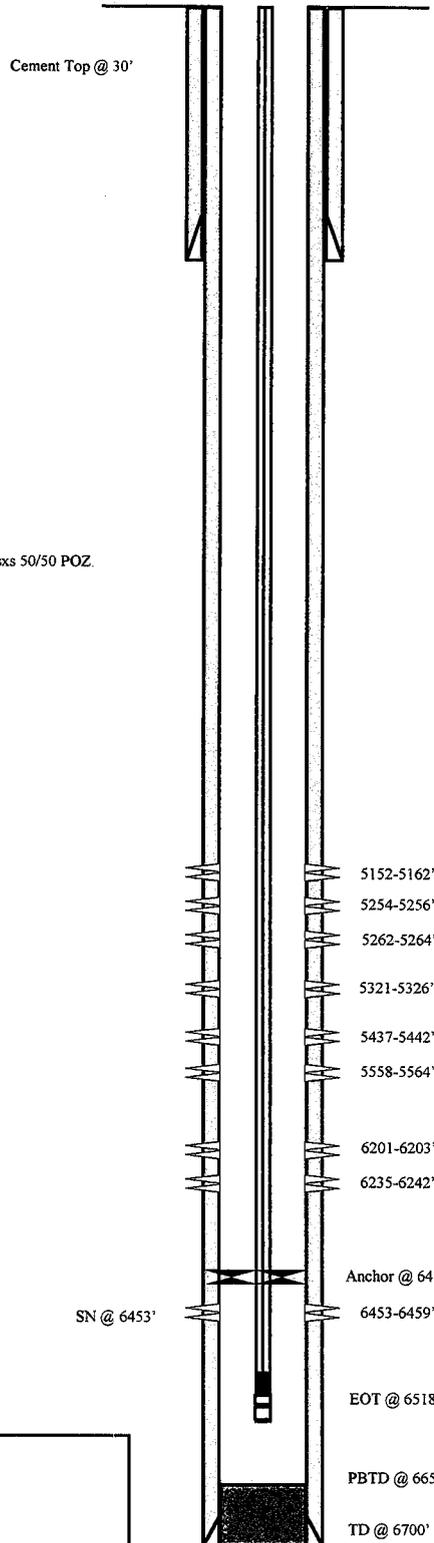
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 179 jts (6683.82')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6699'  
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 30'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 203 jts (6406.4')  
 TUBING ANCHOR: 6418.4'  
 NO. OF JOINTS: 1 jts (31.6')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6452.8' KB  
 NO. OF JOINTS: 2 jts (63.2')  
 TOTAL STRING LENGTH: EOT @ 6518'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1 - 2' x 7/8", 1 - 8' x 7/8" pony rods,  
 253 - 7/8" 8per guided rods, 4 - 1 1/2" weight bars  
 PUMP SIZE: 2 1/2 x 1 1/4 x 24' RHAC  
 STROKE LENGTH: 120  
 PUMP SPEED: SPM 6



### FRAC JOB

2-19-10	6453-6459'	<b>Frac CP5 sands as follows:</b> Frac with 14738# 20/40 sand in 123 bbls Lightning 17 fluid.
2-19-10	6201-6242'	<b>Frac CP1 &amp; CP2 sands as follows:</b> Frac with 45527# 20/40 sand in 288 bbls Lightning 17 fluid.
2-19-10	5437-5564'	<b>Frac C &amp; B1 sands as follows:</b> Frac with 7500# 20/40 sand in 256 bbls Lightning 17 fluid.
2-19-10	5254-5326'	<b>Frac D1 &amp; D2 sands as follows:</b> Frac with 24947# 20/40 sand in 200 bbls Lightning 17 fluid.
2-19-10	5152-5162'	<b>Frac DS2 sands as follows:</b> Frac with 13989# 20/40 sand in 121 bbls Lightning 17 fluid.

### PERFORATION RECORD

6453-6459'	3 JSPF	18 holes
6235-6242'	3 JSPF	21 holes
6201-6203'	3 JSPF	6 holes
5558-5564'	3 JSPF	18 holes
5437-5442'	3 JSPF	15 holes
5321-5326'	3 JSPF	15 holes
5262-5264'	3 JSPF	6 holes
5254-5256'	3 JSPF	6 holes
5152-5162'	3 JSPF	30 holes

**NEWFIELD**



**Monument Butte NE B-25-8-16**

640' FSL & 670' FEL (SE/SE)

Section 24, T8S, R16E

Duchesne Co, Utah

API # 43-013-34094; Lease # UTU-67170

Spud Date: 11/13/97  
Plugged: 11/14/97

# Monument Butte Federal NE #11-24

P&A Diagram

SURFACE CASING

CSG SIZE

GRADE

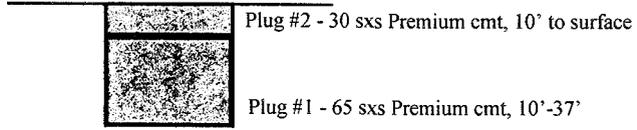
WEIGHT

LENGTH

DEPTH LANDED

HOLE SIZE 12-1/4"

CEMENT DATA



## NEWFIELD



**Monument Butte Federal #11-24X**  
1992 FSL 1985 FWL  
NESW Section 24-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31990; Lease #U-67170

Attachment F  
10/4



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

**Water Analysis Report**

Production Company: **NEWFIELD PRODUCTION (158)**  
Well Name: **10-24-8-16**  
Sample Point: **Tank**  
Sample Date: **2/16/2010**  
Sales Rep: **Randy Huber**  
Lab Tech: **John Keel**

Sample ID: **WA-37084**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	2/16/2010	<b>Cations</b>		<b>Anions</b>	
Temperature (°F):	100		mg/L		mg/L
Sample Pressure (psig):	0	Calcium (Ca):	80.00	Chloride (Cl):	5000.00
Specific Gravity (g/cm³):	1.0080	Magnesium (Mg):	24.40	Sulfate (SO₄):	1.00
pH:	8	Barium (Ba):	3.00	Dissolved CO₂:	-
Turbidity (NTU):	-	Strontium (Sr):	-	Bicarbonate (HCO₃):	1756.00
Calculated T.D.S. (mg/L):	10635	Sodium (Na):	3703.00	Carbonate (CO₃):	-
Molar Conductivity (µS/cm):	16114	Potassium (K):	-	H₂S:	-
Resistivity (Mohm):	0.6206	Iron (Fe):	67.14	Phosphate (PO₄):	-
		Manganese (Mn):	0.93	Silica (SiO₂):	-
		Lithium (Li):	-	Fluoride (F):	-
		Aluminum (Al):	-	Nitrate (NO₃):	-
		Ammonia NH₃:	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
100	0	16.12	31.37	0.00	-2360.70	0.00	-2496.80	-	-	0.07	-8.76	0.44
80	0	12.33	25.60	0.00	14.51	0.00	-2653.90	-	-	0.11	-6.50	0.22
100	0	16.12	31.37	0.00	20.44	0.00	-2496.80	-	-	0.07	-8.76	0.27
120	0	19.65	36.37	0.00	25.07	0.00	-2263.60	-	-	0.05	-11.36	0.30
140	0	22.96	41.01	0.00	28.62	0.00	-1987.60	-	-	0.03	-14.33	0.33
160	0	25.79	44.86	0.00	30.49	0.00	-1697.50	-	-	0.02	-17.71	0.37
180	0	27.96	47.52	0.00	30.19	0.00	-1414.90	-	-	0.02	-21.54	0.41
200	0	29.37	48.59	0.00	28.10	0.00	-1154.00	-	-	0.01	-25.86	0.41
220	2.51	29.76	48.37	0.00	25.48	0.00	-933.30	-	-	0.01	-31.09	0.42
240	10.3	29.62	46.26	0.00	22.87	0.00	-733.63	-	-	0.01	-36.67	0.42
260	20.76	28.85	42.95	0.00	20.67	0.00	-566.30	-	-	0.00	-42.96	0.43
280	34.54	27.54	38.89	0.00	18.84	0.00	-429.00	-	-	0.00	-50.08	0.43
300	52.34	25.84	34.55	0.00	17.26	0.00	-318.41	-	-	0.00	-58.14	0.44

**Conclusions:**

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F  
Gypsum Scaling Index is negative from 80°F to 300°F  
Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
Strontium Sulfate scaling was not evaluated  
Barium Sulfate Scaling Index is negative from 80°F to 300°F

**Notes:**

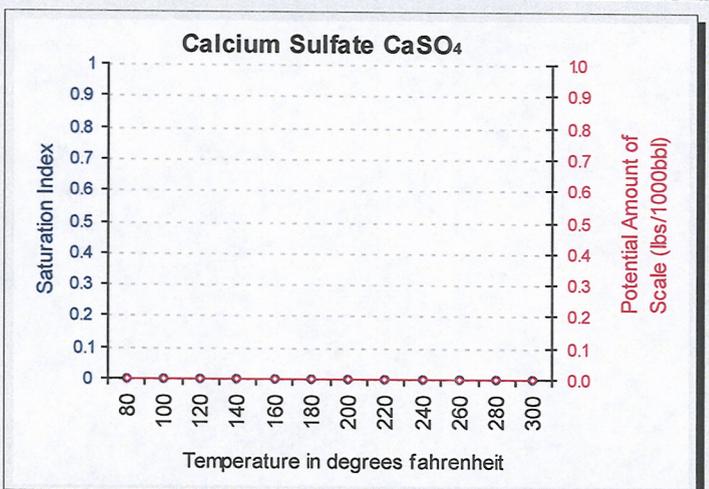
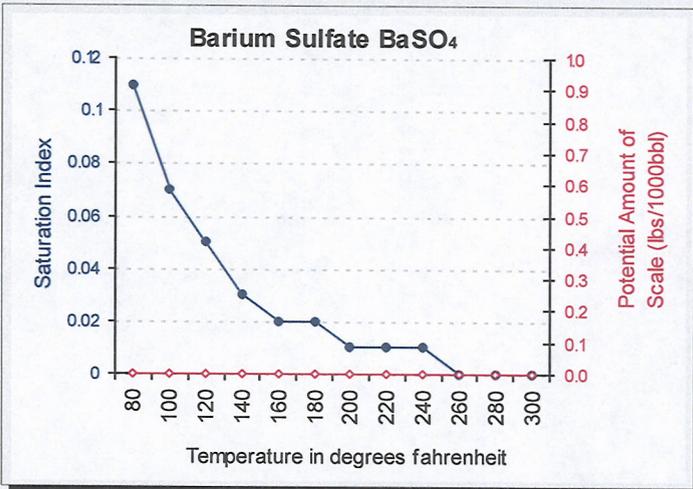
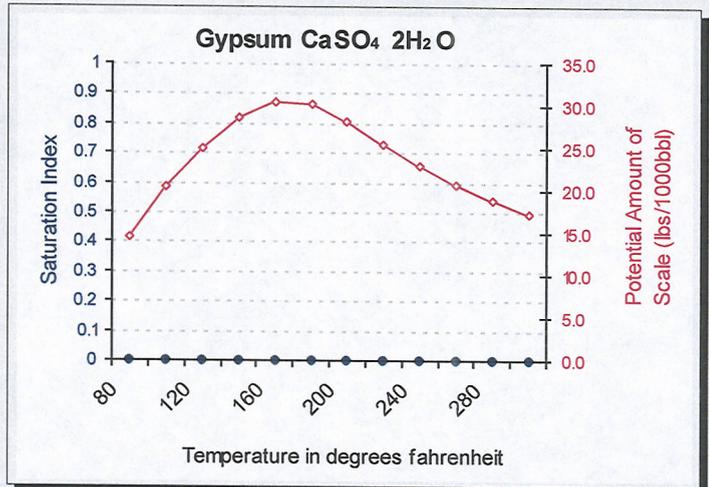
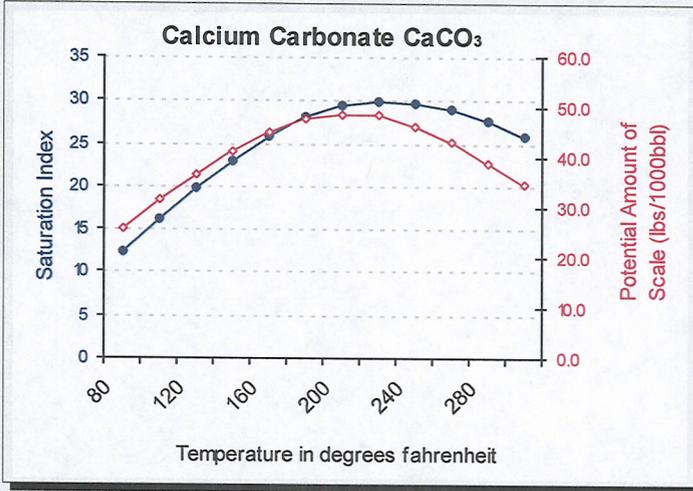


**Multi-Chem Group, LLC**  
Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

Scale Prediction Graphs

Well Name: 10-24-8-16

Sample ID: WA-37084





**Multi-Chem Group, LLC**

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

multi-chem®

**Water Analysis Report**

Production Company: **NEWFIELD PRODUCTION (158)**  
Well Name: **Monument Butte Injection**  
Sample Point: **Before Desilter**  
Sample Date: **1 /1 /2010**  
Sales Rep: **Randy Huber**  
Lab Tech: **John Keel**

Sample ID: **WA-35260**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	1/5/2010	<b>Cations</b>		<b>Anions</b>	
Temperature (°F):	90		mg/L		mg/L
Sample Pressure (psig):	0	Calcium (Ca):	40.00	Chloride (Cl):	6000.00
Specific Gravity (g/cm³):	1.0040	Magnesium (Mg):	24.40	Sulfate (SO₄):	140.00
pH:	9.1	Barium (Ba):	14.00	Dissolved CO₂:	-
Turbidity (NTU):	-	Strontium (Sr):	-	Bicarbonate (HCO₃):	780.00
Calculated T.D.S. (mg/L):	11140	Sodium (Na):	4139.00	Carbonate (CO₃):	-
Molar Conductivity (µS/cm):	16879	Potassium (K):	-	H₂S:	-
Resitivity (Mohm):	0.5925	Iron (Fe):	2.29	Phosphate (PO₄):	-
		Manganese (Mn):	0.15	Silica (SiO₂):	-
		Lithium (Li):	-	Fluoride (F):	-
		Aluminum (Al):	-	Nitrate (NO₃):	-
		Ammonia NH₃:	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
90	0	23.17	69.04	0.00	-2379.40	0.00	-2621.80	-	-	55.12	23.32	0.01
80	0	21.03	68.87	0.00	48.75	0.00	-2691.60	-	-	68.23	23.41	0.01
100	0	24.91	68.69	0.00	51.91	0.00	-2527.60	-	-	44.78	23.21	0.01
120	0	27.06	67.47	0.00	53.11	0.00	-2284.10	-	-	30.04	22.93	0.01
140	0	27.53	66.01	0.00	53.00	0.00	-1996.20	-	-	20.54	22.53	0.01
160	0	26.44	63.35	0.01	51.01	0.01	-1694.10	-	-	14.28	21.97	0.01
180	0	24.21	57.33	0.01	46.14	0.01	-1400.70	-	-	10.07	21.21	0.01
200	0	21.32	48.01	0.01	38.70	0.01	-1130.70	-	-	7.20	20.18	0.01
220	2.51	18.08	38.69	0.01	30.92	0.02	-903.37	-	-	5.11	18.72	0.01
240	10.3	15.10	30.38	0.01	23.66	0.03	-698.20	-	-	3.72	16.87	0.01
260	20.76	12.37	23.68	0.01	17.47	0.04	-526.95	-	-	2.73	14.44	0.01
280	34.54	9.96	18.46	0.01	12.31	0.07	-387.36	-	-	2.01	11.26	0.01
300	52.34	7.88	14.42	0.01	8.07	0.11	-276.02	-	-	1.48	7.11	0.01

**Conclusions:**

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F  
Gypsum Scaling Index is negative from 80°F to 300°F  
Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
Strontium Sulfate scaling was not evaluated  
Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F

**Notes:**

Attachment # 4064



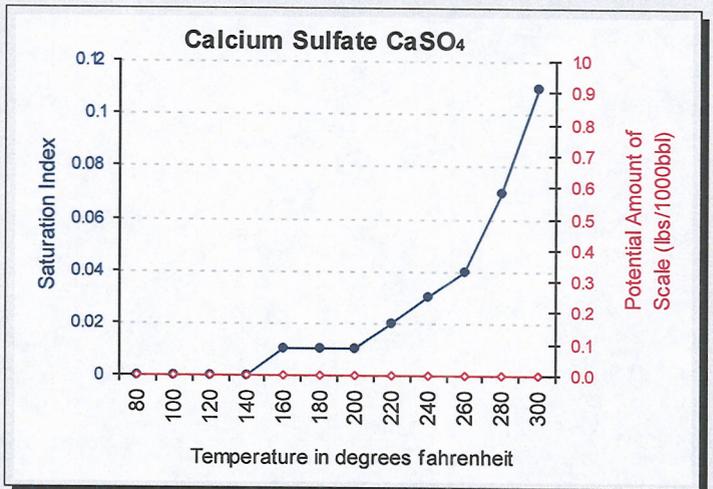
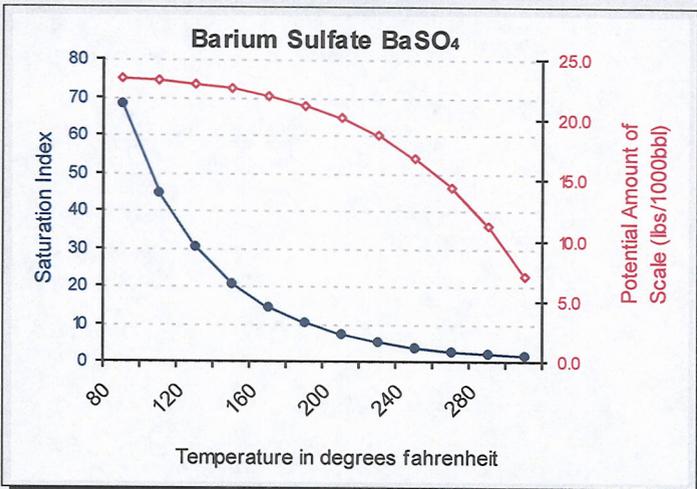
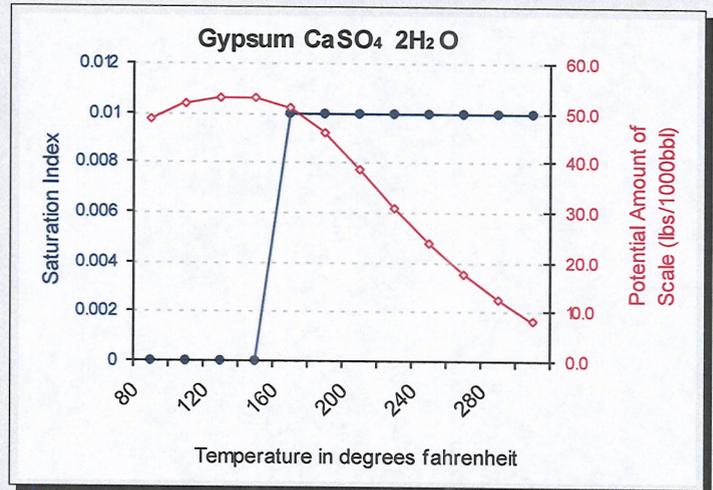
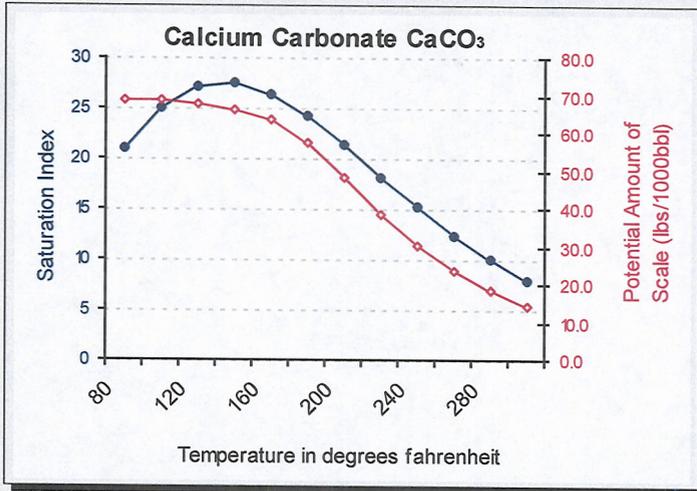
multi-chem®

**Multi-Chem Group, LLC**  
 Multi-Chem Analytical Laborator  
 1553 East Highway 40  
 Vernal, UT 84078

Scale Prediction Graphs

Well Name: **Monument Butte Injection**

Sample ID: **WA-35260**



**Attachment "G"**

**Monument Butte Federal #10-24-8-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth	ISIP	Calculated Frac Gradient	Pmax
Top	Bottom	(feet)	(psi)	(psi/ft)	
5372	5446	5409	1960	0.80	1925 ←
5861	5881	5871	2590	0.87	2552
6166	6215	6191	2270	0.80	2230
				<b>Minimum</b>	<u><u>1925</u></u>

Calculation of Maximum Surface Injection Pressure  

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

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

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



Attachment B-1  
1 of 11

# DRILLING REPORT

WELL NAME Federal 10-24-8-16 Report Date April 11, 2005 Days Since Spud 07  
 TD 6325 Footage 81 Frmtn GR PO WOC Rig Patterson # 155

## MUD PROPERTIES

WT H2O VIS \_\_\_\_\_ WL \_\_\_\_\_ FC \_\_\_\_\_ CHLORIDES \_\_\_\_\_  
 OIL \_\_\_\_\_ SLDS \_\_\_\_\_ SD \_\_\_\_\_ CALCIUM \_\_\_\_\_ PV \_\_\_\_\_ YP \_\_\_\_\_ GEL \_\_\_\_\_

## WATER USED (BBLs)

DAILY \_\_\_\_\_ CUM 4000

## BIT RECORD

CUM ROTATING HRS: 87

BIT # 1 SIZE 77/8" TYPE M70VYPX SER # JT 4826 JETS 7 X 16 HRS 87 FT. 6038 OUT @ 6325 GR. C  
 BIT # \_\_\_\_\_ SIZE \_\_\_\_\_ TYPE \_\_\_\_\_ SER # \_\_\_\_\_ JETS \_\_\_\_\_ HRS \_\_\_\_\_ FT. \_\_\_\_\_ OUT @ \_\_\_\_\_ GR. \_\_\_\_\_  
 WEIGHT ON BIT 15/20 ROTARY RPM 60/70 BHA 621.46 FT CONSISTS OF SmithPDC,MM,20-61/4 DCS

## DEVIATION

<u>326'</u>	<u>1337</u>	<u>1870</u>	<u>2403</u>	<u>2903</u>	<u>3404</u>	<u>3904</u>	<u>4714</u>	<u>5528</u>
<u>1</u>	<u>13/4</u>	<u>1 1/2</u>	<u>3/4</u>	<u>2</u>	<u>1 1/4</u>	<u>1/2</u>	<u>1 3/4</u>	<u>2</u>

## HYDRAULICS

PUMP #1: LINERS 51/2 STROKE 10" SPM \_\_\_\_\_ PRESS \_\_\_\_\_ Gals/Min. 320 JET VEL: \_\_\_\_\_ BIT HHP: \_\_\_\_\_  
 PUMP #2: LINERS 51/2 STROKE 15" SPM 60 PRESS 900 ANN VEL, DP: \_\_\_\_\_ DC: \_\_\_\_\_

## DRILLING GAS

AVG UNITS \_\_\_\_\_ MAX UNITS \_\_\_\_\_ CONNECT GAS \_\_\_\_\_ TRIP GAS \_\_\_\_\_  
 DRLG BREAK/SHOWS: \_\_\_\_\_

## DAILY MUD MATERIALS

PHP \_\_\_\_\_ cups  
 Poly \_\_\_\_\_ gals  
 Lime \_\_\_\_\_ sacks  
 Treat O Clay \_\_\_\_\_ gals.

## CHRONOLOGICAL OPERATIONS

3.00 HRS Drill 77/8" hole with fresh water to a depth of 6325' TD @ 9:00 am  
1.50 HRS Circulate well for logs, pump 150 bbls brine water.  
5.00 HRS Laydown drill pipe & BHA  
3.50 HRS RU PSI log well F/ TD to 3000'  
4.00 HRS R/U & run 178 jnts 5.5 j55 15.5# csg set @ 6306.85  
1.50 HRS Circ & Cond. Hole  
1.50 HRS Rig up BJ. Pump 10bbls dye, 20bbls Mud Clean 1, &  
HRS 20 bbls fresh water spacer. Cement w/ 395 sks. Prem Lite2. W/ 10%gel. 3%KCL,  
HRS 1/4#sk Cello flake, .3#/sk CSE. 2#/sk Korseal. .5% SM. Mixed @ 11.0 ppg & 3.43 yld  
HRS Then 475 sks 50-50 Poz. W/ 2% gel. 3%KCL. .5%EC-1 1/4#/sk Cello-flake .3%SM  
HRS mixed @ 14.4 ppg & 1.24 yld.Drop plug displace w/149 BBLs fresh water W/  
HRS mudclean1bump plug @ 1487 psi, bleed off float held,all spacers returned to pit  
1.00 HRS Nipple down BOP's & Set 5.5 csg slips @ 90,000 #s  
3.00 HRS Clean mud tanks rig down  
HRS Release rig @ 7:00 am 4-11-05

CUM MUD COST: \$2,200

## DAILY COST SUMMARY

Patterson # 155 10,300  
IPC supervision 300  
Boiler 500  
5.5 csgn 70,753  
QT csgn 3,800  
PSI logging 6,000  
BJ services 18,740  
5.5 float eq 1,050  
Fencing 350

PROG TD @ 6325 EXPECTED @ 4/11/05

DRILLING SUPERVISOR Ray Herrera

*final*

DAILY COST: \$111,793

TOTAL COST: \$250,461

**NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT**

*Attachment B-1*  
*2/6/11*

5 1/2" CASING SET AT 6306.85

Flt cllr @  
OPERATOR Newfield Production Company  
WELL MBNE 10-24-8-16  
FIELD/PROSPECT Monument Butte  
CONTRACTOR & RIG # Patterson-UTI Rig # 155

LAST CASING 8 5/8" SET AT 312'  
DATUM 12' KB  
DATUM TO CUT OFF CASING 12'  
DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
TD DRILLER 6322' Loggers TD  
HOLE SIZE 7 7/8"

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
	<b>SHJT</b>	<b>5.80' @4008'</b>					
<b>177</b>	<b>5 1/2"</b>	ETC LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	6277.3
		Float collar					0.6
<b>1</b>	<b>5 1/2"</b>	ETC LT&C csg	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	16.3
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6308.85
TOTAL LENGTH OF STRING		6308.85	178	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT				CASING SET DEPTH			<b>6306.85</b>
TOTAL		<b>6293.60</b>	178	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6277.3	178				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		4/10/2005	8:00 PM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		4/11/2005	2:00 AM	Bbls CMT CIRC TO SURFACE <u>50 of 50 bbls dye water to pit</u>			
BEGIN CIRC		4/11/2005	2:30 AM	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		4/11/2005	3:37 AM	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		4/11/2005	4:38	BUMPED PLUG TO <u>1487</u> PSI			
PLUG DOWN		4/11/2005	<b>5:06 AM</b>				

CEMENT USED		4 CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
<b>1</b>	<b>395</b>	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
<b>2</b>	<b>475</b>	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Ray Herrera DATE 4/11/2005

**NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT**

*Attachment B-1*  
*Zofell*

8 5/8 CASING SET AT 312.71

LAST CASING 8 5/8" SET AT 312.71'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 310' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company  
 WELL Federal 10-24-8-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS #1

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 42.83'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	300.86
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			302.71
TOTAL LENGTH OF STRING		302.71	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>312.71</b>
TOTAL		300.86	7				
TOTAL CSG. DEL. (W/O THRDS)		300.86	7	} COMPARE			

TIMING	1ST STAGE					
BEGIN RUN CSG.	Spud	3/11/2005	2:30 PM	GOOD CIRC THRU JOB	Yes	
CSG. IN HOLE		3/15/2005	12:00 PM	Bbls CMT CIRC TO SURFACE	6	
BEGIN CIRC		3/25/2005	2:01 PM	RECIPROCATED PIPE FOR	N/A	
BEGIN PUMP CMT		3/25/2005	2:14 PM			
BEGIN DSPL. CMT		3/25/2005	2:26 PM	BUMPED PLUG TO	555	PSI
PLUG DOWN		3/25/2005	2:33 PM			

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

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

COMPANY REPRESENTATIVE Floyd Mitchell

DATE 3/25/2005

# NEWFIELD



*Attachment B-1*  
*4 of 11*

## DAILY COMPLETION REPORT

**WELL NAME:** MBNE 10-24-8-16      **Report Date:** 4-21-05      **Day:** 01  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8 5/8 @ 312'      **Prod Csg:** 5 1/2" @ 6307'      **Csg PBTD:** 6539' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** \_\_\_\_\_

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP1	6166- 79'	4/52
			CP2	6203- 15'	4/48

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 20-Apr-05      **SITP:** \_\_\_\_\_      **SICP:** \_\_\_\_\_

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Patterson WLT w/ mast & run CBL under pressure. WLTD @ 6539' & cement top @ 500'. Perforate stage #1, CP2 sand 6203- 15', CP1 sand 6166- 79'. All w/ 4" Port guns (19 gram, .41"HE.) w/ 4 SPF for total of 100 shots. RD Patterson WL. SIWFN 149 bbls EWTR.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 149      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 0      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 149      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_      **Choke:** \_\_\_\_\_      **Final Fluid Rate:** \_\_\_\_\_      **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand Frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** sands

**\*\*PUMPED DOWN 5 1/2" 15.5# CASING\*\***

### COSTS

Drilling Cost	\$301,764
Zubiate hot oil	\$300
Patterson WL	\$6,700
Weatherford BOP	\$130
NPC NU crew	\$300
Location preparation	\$300
NPC wellhead	\$1,500
Benco- anchors	\$950
NDSI trucking	\$1,200
NPC Supervision	\$300
Admin. Overhead	\$3,000

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

**Completion Supervisor:** Orson Barney

**DAILY COST:** \$316,444  
**TOTAL WELL COST:** \$316,444



## DAILY COMPLETION REPORT

**WELL NAME:** MBNE 10-24-8-16      **Report Date:** 4-23-05      **Day:** 02a  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8 5/8 @ 312'      **Prod Csg:** 5 1/2" @ 6307'      **Csg PBTD:** 6539' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** \_\_\_\_\_

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP1	6166- 79'	4/52
			CP2	6203- 15'	4/48

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 22-Apr-05      **SITP:** \_\_\_\_\_      **SICP:** 27

Day2a.

RU BJ Services "Ram Head" frac flange. RU BJ & frac stage #1, CP2 & CP1 sds down casing w/ 89,703#'s of 20/40 sand in 686 bbls Lightning 17 frac fluid. Open well w/ 27 psi on casing. Perfs broke down @ 2399 psi, back to 1820 psi. Treated @ ave pressure of 2116 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2270. 835 bbls EWTR. Leave pressure on well. **See day2b.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 149      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 686      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 835      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

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

**Procedure or Equipment detail:**

- \_\_\_\_\_ CP2 & CP1 sds down casing
- \_\_\_\_\_ 6804 gals of pad
- \_\_\_\_\_ 4625 gals w/ 1-5 ppg of 20/40 sand
- \_\_\_\_\_ 9250 gals w/ 5-8 ppg of 20/40 sand
- \_\_\_\_\_ 2001 gals w/ 8 ppg of 20/40 sand
- \_\_\_\_\_ Flush w/ 6132 gals of slick water

### COSTS

Weatherford BOP	\$50
Weatherford Services	\$650
Betts frac water	\$980
NPC fuel gas	\$160
Zubiate Hot Oil	\$180
LCL propane	\$110
BJ Services CP sds	\$27,060
NPC Supervisor	\$100

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

**Max TP:** 2178      **Max Rate:** 24.7      **Total fluid pmpd:** 686 bbls  
**Avg TP:** 2116      **Avg Rate:** 24.7      **Total Prop pmpd:** 89,703#'s  
**ISIP:** 2270      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .80

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$29,290  
**TOTAL WELL COST:** \$345,734



# NEWFIELD



Attachment G-1

7 of 11

## DAILY COMPLETION REPORT

**WELL NAME:** MBNE 10-24-8-16      **Report Date:** 4-23-05      **Day:** 02c  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8 5/8 @ 312'      **Prod Csg:** 5 1/2" @ 6307'      **Csg PBTD:** 6539' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 5550'  
**Plug** 5980'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D3 sds	5372-5377'	4/20	CP2 sds	6203-6215'	4/48
C sds	5434-5446'	4/48			
LODC sds	5861-5881'	4/80			
CP1 sds	6166-6179'	4/52			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 22-Apr-05      **SITP:** \_\_\_\_\_ **SICP:** 1960

Day2c.

RU WLT. RIH w/ frac plug & 12', 5' perf guns. Set plug @ 5550'. Perforate C sds @ 5434-5446' & D3 sds @ 5372-5377' w/ 4 spf for total of 68 shots. RU BJ & frac stage #3 w/ 78,093#'s of 20/40 sand in 604 bbls Lightning 17 frac fluid. Open well w/ 1960 psi on casing. Perfs broke down @ 3690 psi, back to 1822 psi. Treated @ ave pressure of 1906 w/ ave rate of 25.6 bpm w/ 8 ppg of sand. ISIP was 1960. 1931 bbls EWTR. RD BJ & WLT. Begin immediate flow back on well @ 1800 psi w/ 12/64 choke. Well flowed for 5 hours & died w/ 330 bbls rec'd (18% of frac). SIFN.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1931      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 330      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1601      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

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

**Procedure or Equipment detail:**

- \_\_\_\_\_ LODC sds down casing
- \_\_\_\_\_
- \_\_\_\_\_ 6006 gals of pad
- \_\_\_\_\_ 4000 gals w/ 1-5 ppg of 20/40 sand
- \_\_\_\_\_ 8000 gals w/ 5-8 ppg of 20/40 sand
- \_\_\_\_\_ 2028 gals w/ 8 ppg of 20/40 sand
- \_\_\_\_\_ Flush w/ 5250 gals of slick water
- \_\_\_\_\_
- \_\_\_\_\_

### COSTS

Weatherford BOP	\$40
Weatherford Services	\$2,200
Betts frac water	\$860
NPC fuel gas	\$140
Zubiate Hot Oil	\$160
LCL propane	\$100
BJ Services LODC sd	\$17,270
NPC Supervisor	\$100
Lone Wolf LODC sds	\$4,800
Flow back hand	\$120
Betts wter transfer	\$400
_____	
_____	

**Max TP:** 1995    **Max Rate:** 25.6    **Total fluid pmpd:** 602 bbls  
**Avg TP:** 1906    **Avg Rate:** 25.6    **Total Prop pmpd:** 78,093#'s  
**ISIP:** 1960    **5 min:** \_\_\_\_\_    **10 min:** \_\_\_\_\_    **FG:** .80  
**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$26,190  
**TOTAL WELL COST:** \$394,164

# NEWFIELD



Attachment G-1  
8/11

## DAILY COMPLETION REPORT

**WELL NAME:** MBNE 10-24-8-16      **Report Date:** 4-24-05      **Day:** 03  
**Operation:** Completion      **Rig:** Western rig #2

### WELL STATUS

**Surf Csg:** 8 5/8 @ 312'      **Prod Csg:** 5 1/2" @ 6307'      **Csg PBDT:** 6539' WL  
**Tbg:** **Size:** 2-7/8"    **Wt:** 6.5#    **Grd:** J-55    **Pkr/EOT @:** 5337'    **BP/Sand PBDT:** 5550'  
**Plug** 5980'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D3 sds	5372-5377'	4/20	CP2 sds	6203-6215'	4/48
C sds	5434-5446'	4/48			
LODC sds	5861-5881'	4/80			
CP1 sds	6166-6179'	4/52			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 23-Apr-05      **SITP:** \_\_\_\_\_    **SICP:** 200 psi

MIRU Western #2. 200 psi on well. Bleed off pressure. Flowed back 65 BTF. ND Cameron BOP & 5M WH. NU 3M WH & Graco BOP. Talley, PU & RIH w/ 4 3/4" chomp bit, Bit sub & 178 jts of 2 7/8 J-55 tbg. Tagged plug @ 5550', No sand. LD 1 jt of tbg. RU pump & lines. Circulate well clean. TOH w/ 6 jts of tbg. EOT @ 5337'. SIWFN.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1601      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 65      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1536      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_    **FFL:** \_\_\_\_\_    **FTP:** \_\_\_\_\_    **Choke:** \_\_\_\_\_    **Final Fluid Rate:** \_\_\_\_\_    **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17    **Job Type:** Sand Frac  
**Company:** BJ Services  
**Procedure or Equipment detail:**

### COSTS

Western rig #1	\$2,882
Graco BOP	\$155
NPC wtr & trucking	\$300
Zubiate trucking	\$715
Tiger trk	\$400
Tiger frac tnk(1x8day)	\$320
tbg("A" grade Aztec)	\$33,300
Mecheam Labor/weld	\$13,600
NPC sfc equipment	\$120,000
NPC Supervision	\$150

**Max TP:** \_\_\_\_\_    **Max Rate:** \_\_\_\_\_    **Total fluid pmpd:** \_\_\_\_\_  
**Avg TP:** \_\_\_\_\_    **Avg Rate:** \_\_\_\_\_    **Total Prop pmpd:** \_\_\_\_\_  
**ISIP:** \_\_\_\_\_    **5 min:** \_\_\_\_\_    **10 min:** \_\_\_\_\_    **FG:** \_\_\_\_\_  
**Completion Supervisor:** Orson Barney

**DAILY COST:** \$171,822  
**TOTAL WELL COST:** \$565,986

# NEWFIELD



Attachment A-1  
9 of 11

## DAILY COMPLETION REPORT

WELL NAME: MBNE 10-24-8-16 Report Date: 4-26-05 Day: 04  
Operation: Completion Rig: Western rig #2

### WELL STATUS

Surf Csg: 8 5/8 @ 312' Prod Csg: 5 1/2" @ 6307' Csg PBDT: 6539' WL  
Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @:          BP/Sand PBDT:         

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D3 sds	<u>5372-5377'</u>	<u>4/20</u>	CP2 sds	<u>6203-6215'</u>	<u>4/48</u>
C sds	<u>5434-5446'</u>	<u>4/48</u>			
LODC sds	<u>5861-5881'</u>	<u>4/80</u>			
CP1 sds	<u>6166-6179'</u>	<u>4/52</u>			

### CHRONOLOGICAL OPERATIONS

Date Work Performed: 25-Apr-05 SITP:          SICP: 100

Open well w/ 100 psi on both sides. TIH w/ tbg to tag plug @ 5550'. Dglg up plug #1 in 18 min. TIH w/ tbg to tag plug @ 5980'. Drlg up plug #2 in 25 min. TIH w/ tbg to tag snd @ 6224'. C/O to PBDT of 6289". TOOH w/ 2 jts tbg to leave hang @ 6236'. RU swab & made 16 runs. IFL was surface'. FFL was 200'. Final cut showed trace of oil. Rec'd 163 bbls fluid. SIFN.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: <u>1536</u>	Starting oil rec to date: <u>        </u>
Fluid lost/recovered today: <u>163</u>	Oil lost/recovered today: <u>        </u>
Ending fluid to be recovered: <u>1699</u>	Cum oil recovered: <u>        </u>
IFL: <u>        </u> FFL: <u>        </u> FTP: <u>        </u>	Choke: <u>        </u> Final Fluid Rate: <u>        </u> Final oil cut: <u>        </u>

### STIMULATION DETAIL

Base Fluid used:          Job Type:           
Company:           
Procedure or Equipment detail:         

### COSTS

Western rig #2	\$4,019
Graco BOP	\$155
Four Star swivel	\$450
NPC water & trucking	\$500
RNI water disposal	\$4,000
Monks pit reclaim	\$1,800
NPC location cleanup	\$300
MT West Sanitation	\$400
NPC Supervisor	\$300

Max TP:          Max Rate:          Total fluid pmpd:           
 Avg TP:          Avg Rate:          Total Prop pmpd:           
 ISIP:          5 min:          10 min:          FG:           
 Completion Supervisor: Ron Shuck

DAILY COST: \$11,924  
TOTAL WELL COST: \$577,910



# NEWFIELD



Attachment B-1  
11/8/11

## DAILY COMPLETION REPORT

WELL NAME: MBNE 10-24-8-16 Report Date: 4-28-05 Day: 06  
 Operation: Completion Rig: Western rig #2

### WELL STATUS

Surf Csg: 8 5/8 @ 312' Prod Csg: 5 1/2" @ 6307' Csg PBTD: 6289'  
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 6183' BP/Sand PBTD: 6289'

### PERFORATION RECORD

Zone	Perfs	SPF#shots	Zone	Perfs	SPF#shots
D3 sds	<u>5372-5377'</u>	<u>4/20</u>	CP2 sds	<u>6203-6215'</u>	<u>4/48</u>
C sds	<u>5434-5446'</u>	<u>4/48</u>			
LODC sds	<u>5861-5881'</u>	<u>4/80</u>			
CP1 sds	<u>6166-6179'</u>	<u>4/52</u>			

### CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Apr-05 SITP: 0 SICP: 0

Open well w/ 0 psi on both sides. Pick-up prime pump. TIH w/ 2-1/2" x 1-1/2" x 10' x 14' RHAC (new CDI w/ 106" SL), 6 - 1-1/2" weight rods, 10 - 3/4" guided rods, 129 - 3/4" plain rods, 100 - 7/8" guided rods, 2' x 7/8" pony rod, 1-1/2" x 22' polish rod. Space pump. Testy tbg & pump to 800 psi w/ unit. RDMOSU. POP @ 1PM w/ 86" SL @ 3 SPM w/ 1699 bbls EWTR. Final Report.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1699 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 0 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 1699 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

#### TUBING DETAIL

NC	.45'	6183.50'
2 jts tbg	62.18'	
SN	1.10'	6119.77'
1 jts tbg	31.27'	
TA	2.80'	6085.57'
195 jts, J-55,	6073.70'	
KB	12.00'	

#### ROD DETAIL

1-1/2" x 22' pl rd	(new)
2' x 7/8" pny rds	(new)
100 - 7/8" guided rods	(new)
129 - 3/4" pln rds	(new)
10 - 3/4" guided rds	(new)
6 - 1-1/2" K-bars	(new)
2-1/2"x1-1/2"x10'x14' RHAC	
CDI pump 106" SL	(new)

#### COSTS

Western rig #2	\$2,090
CDI rod pump	\$1,300
rds("A" grade)	\$12,780
Polish rod kit	\$1,100
NPC frac head	\$500
NPC swab tnk (3day)	\$120
NPC frac tnk(3x8day)	\$960
NPC trucking	\$300
NPC Supervisor	\$300

Completion Supervisor: Ron Shuck

DAILY COST: \$19,450  
 TOTAL WELL COST: \$602,525

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 5322'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 172' balance plug using 23 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 363'
6. Plug #4 Circulate 102 sx Class "G" Cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus.

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

Monument Butte NE Federal 10-24-8-16

Spud Date: 03/11/05  
 Put on Production: 04/27/05  
 GL: 5406' KB: 5416'

Initial Production: BOPD,  
 MCFD, BWPD

Proposed P&A  
 Wellbore Diagram

SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.71')  
 DEPTH LANDED: 312.71'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160sxs Class G with 2% CaCL.

PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 178 jts. (6308.85')  
 DEPTH LANDED: 6306.85' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 395 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 500'

Casing shoe @ 313'

Cement Top @ 500'

Circulate 102 sx Class "G" Cement down 5 1/2" casing and up the 5 1/2" x 8 5/8" annulus

Perforate 4 JSPP @ 363'

120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below (1768-1888')

172' balance plug using 23 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (3300-3472')

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 5322'

5372'-5377'

5434'-5446'

5861'-5881'

6166'-6179'

6203'-6215'

Top of Fill & PBTB @ 6289'

SHOE @ 6307'

TD @ 6325'

**NEWFIELD**

**MONUMENT BUTTE NE FEDERAL 10-24-8-16**  
 2049' FSL & 1970' FEL  
 NW/SE Section 24-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32366; Lease #UTU-67170

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone    (include are code)  
                   435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
 2049 FSL 1970 FEL  
 NWSE Section 24 T8S R16E

5. Lease Serial No.  
 USA UTU-67170

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 FEDERAL 10-24-8-16

9. API Well No.  
 4301332366

10. Field and Pool, or Exploratory Area  
 GREATER MB UNIT

11. County or Parish, State  
 DUCHESNE, UT

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Eric Sundberg	Title Regulatory Analyst
Signature 	Date 04/29/2010

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

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

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

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-365

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTIONS 5, 6, and 8, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 10-24-8-16 well located in NW/4 SE/4, Section 24, Township 8 South, Range 16 East,  
South Wells Draw 16-5T-9-16 well located in SE/4 SE/4, Section 5, Township 9 South, Range 16 East  
Nine Mile 4-6-9-16 well located in NW/4 NW/4, Section 6, Township 9 South, Range 16 East  
Nine Mile 6-6-9-16 well located in SE/4 NW/4, Section 6, Township 9 South, Range 16 East  
West Point 6-8-9-16 well located in SE/4 NW/4, Section 8, Township 9 South, Range 16 East  
Monument Federal 31-8-9-16 well located in NW/4 NE/4, Section 8, Township 9 South, Range 16 East

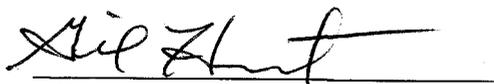
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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 Acting Associate Director – Oil and Gas, 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 27th day of May, 2010.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Gil Hunt  
Associate Director

**Newfield Production Company**

**MONUMENT BUTTE FEDERAL 10-24-8-16, SOUTH WELLS DRAW 16-5T-9-16,  
NINE MILE 4-6-9-16, NINE MILE 6-6-9-16, WEST POINT 6-8-9-16,  
MONUMENT FEDERAL 31-8-9-16.**

**Cause No. UIC-365**

Publication Notices were sent to the following:

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

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

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

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

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

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

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

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

  
\_\_\_\_\_

**From:** Bonnie <bonnie@ubstandard.com>  
**To:** <jsweet@utah.gov>  
**Date:** 5/27/2010 3:52 PM  
**Subject:** UIC 365

Jean,  
Newfield Cause No. UIC 365 will run on June 1st.  
Thank you,

--  
Bonnie Parrish  
Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
(435) 722-5131  
(435) 722-4140 Fax  
bonnie@ubstandard.com



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*

May 27, 2010

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

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-365

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

**Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-365**

---

**From:** "NAC Legal" <naclegal@mediaoneutah.com>  
**To:** "Jean Sweet" <jsweet@utah.gov>  
**Date:** 5/27/2010 3:50 PM  
**Subject:** RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-365

---

Ad #582622 is scheduled to run June 2nd in Salt Lake Tribune, Deseret News and on the website utahlegals.com .

Total charge is \$223.40. Please check the ad in the papers.

Thank you,

Lynn Valdez  
MediaOne of Utah,  
a Newspaper Agency Company  
4770 South 5600 West  
West Valley City, Utah 84118  
Ph.: 801-204-6245  
Email: [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

---

**From:** Jean Sweet [mailto:[jsweet@utah.gov](mailto:jsweet@utah.gov)]  
**Sent:** Thursday, May 27, 2010 3:02 PM  
**To:** [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)  
**Subject:** Notice of Agency Action – Newfield Production Company Cause No. UIC-365

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

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)



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*

May 27, 2010

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-365

To whom it may concern:

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

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



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

**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	6/3/2010

*Copy from Rose*

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000582622 /
SCHEDULE	
Start 06/02/2010	End 06/02/2010
CUST. REF. NO.	
Cause No. UIC-365	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINI	
SIZE	
65 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
223.40	

BEFORE THE DIVISION OF OIL, GAS AND MINING  
 DEPARTMENT OF NATURAL RESOURCES  
 STATE OF UTAH  
 NOTICE OF AGENCY ACTION  
 CAUSE NO. UIC-365

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTIONS 5, 6, and 8, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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 Federal 10-24-8-16 well located in NW/4 SE/4, Section 24, Township 8 South, Range 16 East, South Wells Draw 16-5T-9-16 well located in SE/4 SE/4, Section 5, Township 9 South, Range 16 East Nine Mile 4-6-9-16 well located in NW/4 NW/4, Section 6, Township 9 South, Range 16 East Nine Mile 6-6-9-16 well located in SE/4 NW/4, Section 6, Township 9 South, Range 16 East West Point 6-8-9-16 well located in SE/4 NW/4, Section 8, Township 9 South, Range 16 East Monument Federal 31-8-9-16 well located in NW/4 NE/4, Section 8, Township 9 South, Range 16 East

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 Acting Associate Director - Oil and Gas, 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 27th day of May, 2010.

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

582622 UPAXLP

**AFFIDAVIT OF PUBLICATION**

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINI** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 06/02/2010 End 06/02/2010

SIGNATURE *[Handwritten Signature]*

DATE 6/3/2010

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

*[Handwritten Signature: Virginia Craft]*

**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, Geoff Liesik on oath, say that I am the EDITOR 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 1 day of June, 20 10, and that the last publication of such notice was in the issue of such newspaper dated the 1 day of June, 20 10, 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.

Editor

Subscribed and sworn to before me this

15 day of June, 20 10  
Bonnie Parrish

Notary Public



NORTH 2133 FEET.  
193.00 FEET, THENCE  
LINE, THENCE WEST  
THE EAST SECTION  
2133 FEET ALONG  
NINTH THENCE SOUTH  
RIDIAN, AND RUN-  
LAKE BASE AND ME-  
RANGE 22 EAST, SALT  
TOWNSHIP 5, SOUTH  
TER OF SECTION 18,  
NORTHEAST QUAR-  
QUARTER OF THE  
OF THE SOUTHEAST  
NORTHEAST CORNER  
FEET SOUTH OF THE  
BEGINNING 506.67  
County:

Property located in Uintah  
ering the following real  
INC, as beneficiary, cov-  
TRATION SYSTEMS,  
ELECTRONIC REGIS-  
in favor of MORTGAGE  
HASKINS, as Trustor(s)  
by CHRISTOPHER  
28, 2007 and executed  
a trust deed dated August  
the purpose of foreclosing  
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 Acting Associate Director - Oil and Gas, 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.

## NOTICE OF AGENCY ACTION CAUSE NO. UIC-365

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 24, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTIONS 5, 6, and 8, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Dated this 27th day of May, 2010.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING

/s/  
Gil Hunt  
Associate Director  
Published in the Uintah  
Basin Standard June 1,  
2010.

2250|REB|GGUICAADMIN/GF10/6131



Send Payments to:  
 268 S 200 E  
 Roosevelt, Utah 84066  
 Phone: 435-722-5131  
 Fax: 435-722-4140  
 www.ubstandard.com  
 www.vernal.com

Invoice Number	1713	Invoice Date	6/15/2010
Advertiser No.	2080	Invoice Amount	\$112.00
		Due Date	7/15/2010

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

**RECEIVED**

**JUN 17 2010**

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

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

**Amount Enclosed**

Please detach top portion and return with your payment.

**INVOICE**

Uintah Basin Standard		DIVISION OF OIL GAS & MINING		Invoice No. 1713	6/15/2010	
Date	Order	Publication	Description	Ad Size	Sales Tax	Amount
6/15/2010	653	Uintah Basin Standard	Notice of Agency Action Cause No. UIC-365 Ran June 1, 2010		\$0.00	\$112.00
<b>Total Transactions:</b>				<b>1</b>	<b>\$0.00</b>	<b>\$112.00</b>

**SUMMARY**

Advertiser No. 2080

Invoice No. 1713

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

Thank You for your business!

*Copy from Rose*

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

**Applicant:** Newfield Production Company      **Well:** Federal 10-24-8-16

**Location:** 24/8S/16E      **API:** 43-013-32366

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM and by privately held (fee) mining claims. The Federal Government and the privately held mining claims are the mineral owners within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the 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 313 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,307 feet. A cement bond log demonstrates adequate bond in this well up to 3,810 feet. A 2 7/8 inch tubing with a packer will be set at 5,322 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 8 producing wells, 5 injection wells, and 1 P/A well in the area of review (AOR). Additionally, there is 1 producing well which has been directionally drilled from a surface location outside the AOR to a bottom hole location inside the AOR. Also, there are 2 currently permitted surface locations which will be drilled to bottom hole locations outside the AOR. All of the existing wells have evidence of adequate casing and cement. Inasmuch as some logs are of dubious quality or do not exhibit conclusive cement tops, it has been necessary to calculate approximate tops for "lite" cement, based on the cement indicated in the well completion report.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 500 feet. Injection shall be limited to the interval between 4,528 feet and 6,325 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-24-8-16 well is 0.80 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,925 psig. The requested maximum pressure is 1,925 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.

**Federal 10-24-8-16**

**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 6/23/10



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 24, 2010

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

Subject: Greater Monument Butte Unit Well: Federal 10-24-8-16. Section 24, Township 8 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32366

Gentlemen:

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

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

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

Sincerely,

Dan Jarvis  
Acting Associate Director

DJJ/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





<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-67170
<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>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 10-24-8-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013323660000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 2049 FSL 1970 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 24 Township: 08.0S Range: 16.0E Meridian: S	<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"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/23/2011	<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 style="width: 100px;" type="text"/>

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 08/14/2011. On 08/22/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/23/2011 the casing was pressured up to 1470 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

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

<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> 8/29/2011	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

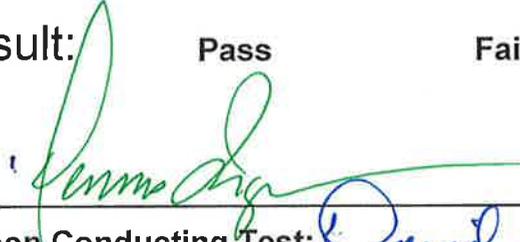
Witness: DENNIS INGRAM Date 8/23/11 Time 2:00 am pm  
Test Conducted by: DAVID CLOWARD  
Others Present: DENNIS INGRAM

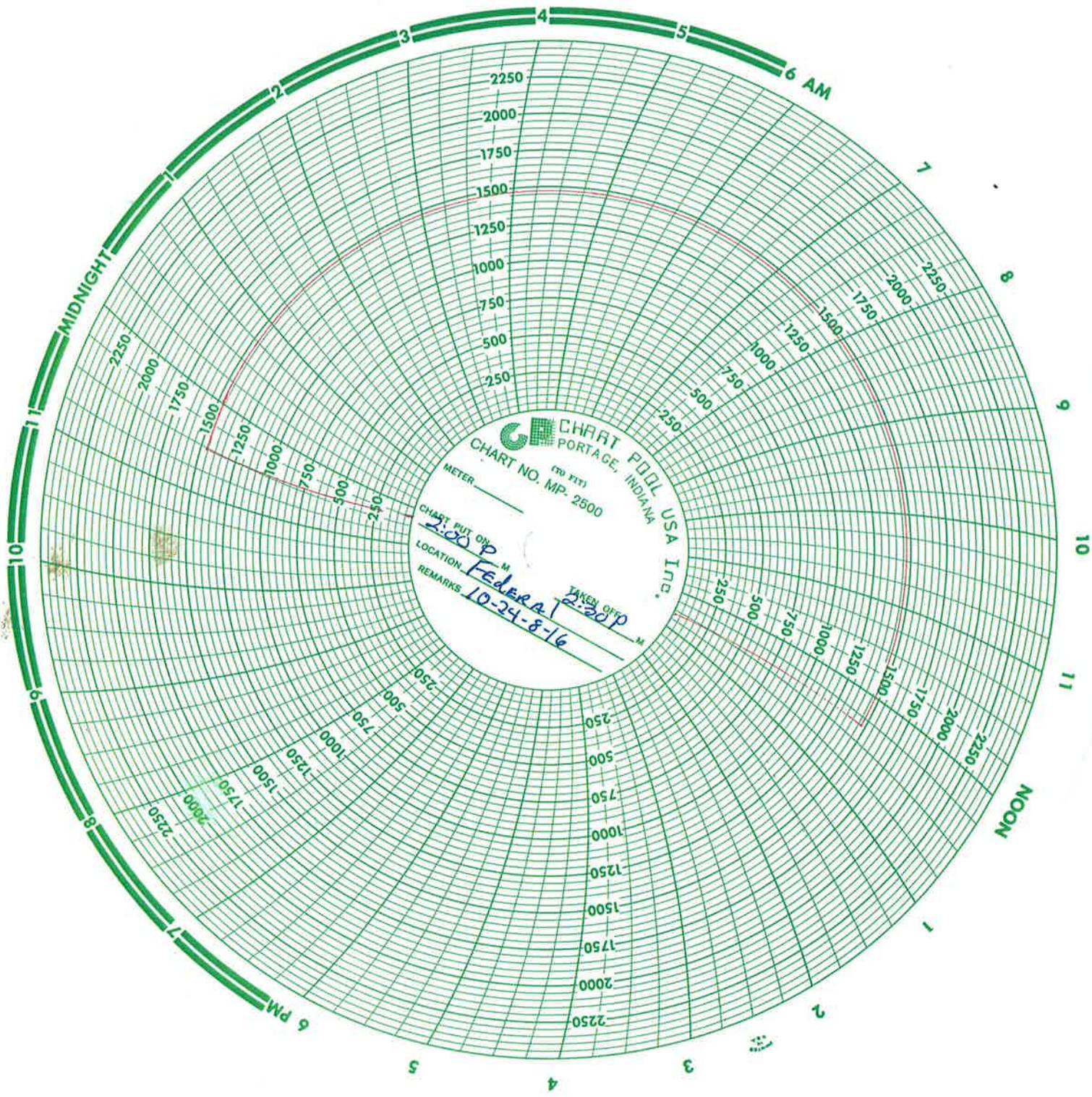
Well: <u>FEDERAL 10-24-8-16</u>	Field: <u>FEDERAL 10-24-8-16</u>
Well Location: <u>FEDERAL 10-24-8-16</u>	<u>Duchesne County, Utah</u>
<u>NW/SE, 24, T8S, R16E</u>	API No: <u>UTU 87538X</u>
	<u>43-013-32366</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1470</u>	psig
5	<u>1470</u>	psig
10	<u>1470</u>	psig
15	<u>1470</u>	psig
20	<u>1470</u>	psig
25	<u>1470</u>	psig
30 min	<u>1470</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness:   
Signature of Person Conducting Test: David Cloward



# Monument Butte NE Federal 10-24-8-16

Spud Date: 03/11/05  
 Put on Production: 04/27/05  
 GL: 5406' **KB: 5416'**

## Injector Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.71')  
 DEPTH LANDED: 312.71'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160sxs Class G with 2% CaCL.

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 178 jts. (6308.85')  
 DEPTH LANDED: 6306.85' **KB**  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 395 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ mix,  
 CEMENT TOP AT: 500'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 170jts (5293.7')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5305.7' **KB**  
 CE @ 5310.14'  
 TOTAL STRING LENGTH: 5314' w/ 12' **KB**

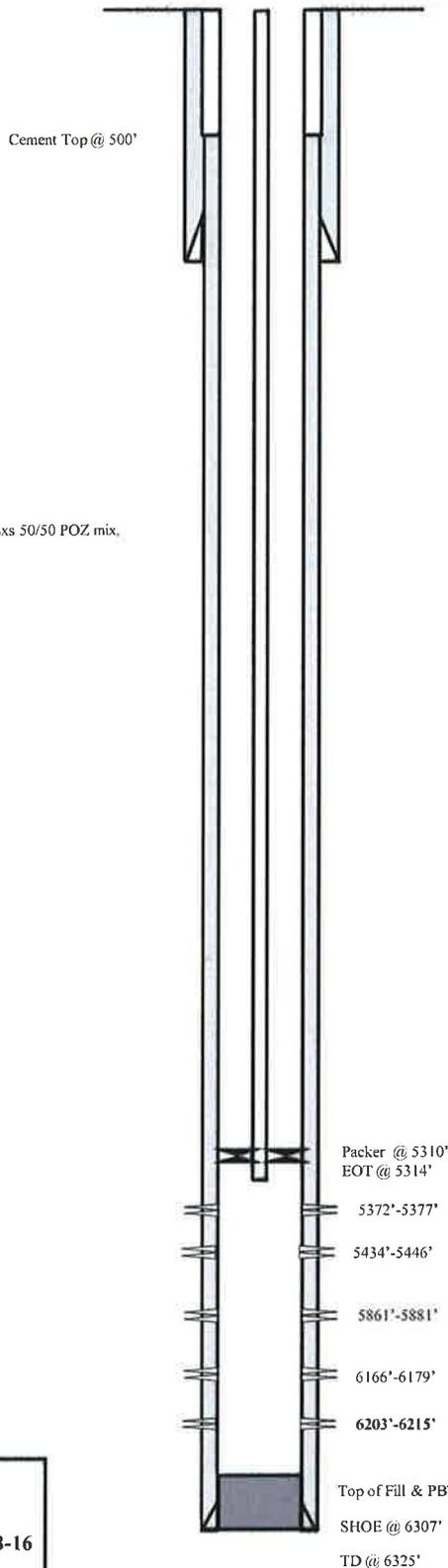
### FRAC JOB

04/20/05 6166'-6215' **Frac CP1 and CP2 sands as follows:**  
 89,703# of 20/40 sand in 686 bbls lightning frac 17 fluid. Treated @ avg press of 2116 w/ avg rate of 24.7 bpm. ISIP 2270 psi. Calc flush: 6164 gal, Actual flush: 6132 gal.

04/22/05 5861'-5881' **Frac LODC sands as follows:**  
 60,106# of 20/40 sand in 494 bbls lightning frac 17 fluid. Treated @ avg press of 2546 w/ avg rate of 23.5 bpm. ISIP 2590 psi. Calc flush: 5859 gal, Actual flush: 5838 gal.

04/22/05 5372'-5446' **Frac C and D3 sands as follows:**  
 78,093# of 20/40 sand in 604 bbls lightning 17 frac fluid. Treated @ avg press of 1906 w/ avg rate of 25.6 bpm. ISIP 1960 psi. Calc flush: 5370 gal, Actual flush: 5250 gal.

4/20/09 **Pump Change.** Updated r & t details,  
 4/15/10 **Tubing Leak.** Updated rod & tubing details,  
 8/14/11 **Convert to Injection well**  
 8/23/11 **Conversion MIT Finalized** - update tbg detail



### PERFORATION RECORD

Date	Depth Range	Tool	Holes
04/20/05	6203'-6215'	4 JSPF	48 holes
04/20/05	6166'-6179'	4 JSPF	52 holes
04/22/05	5861'-5881'	4 JSPF	80 holes
04/22/05	5434'-5446'	4 JSPF	48 holes
04/22/05	5372'-5377'	4 JSPF	20 holes

**NEWFIELD**

**MONUMENT BUTTE NE FEDERAL 10-24-8-16**  
 2049' FSL & 1970' FEL  
 NW/SE Section 24-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32366; Lease #UTU-67170

**Daily Activity Report****Format For Sundry****FEDERAL 10-24-8-16****6/1/2011 To 10/30/2011****8/14/2011 Day: 1****Conversion**

WWS #7 on 8/14/2011 - MIRUSU. LD rods. - Check pressure on tbg, 3050 psi. RU sandline. Retrieve SV w/ sandline. Pump 50 bbls packer fluid down tbg-csg annulus. ND BOPs. Set Arrowset 1-X packer w/ CE @ 5310' & EOT @ 5314' w/ 15,000 #s tension. NU wellhead. Fill annulus w/ 10 bbls packer fluid & pressure to 1500 psi. Bled trapped air off csg & re-pressure. Held pressure test for 30 min w/ 0 psi loss. RDMOSU. Ready for MIT. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 60 BW @ 250°. Soft seat rods. Pressure test tbg & 3000 psi. LD 1 1/2" X 22' polished rod, 2',6' X 7/8" ponies, 99- 7/8" 4 per guided rods & 40 3/4" plain rods. SWIFN. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 60 BW @ 250°. Soft seat rods. Pressure test tbg & 3000 psi. LD 1 1/2" X 22' polished rod, 2',6' X 7/8" ponies, 99- 7/8" 4 per guided rods & 40 3/4" plain rods. SWIFN. - Check pressure on tbg, 3050 psi. RU sandline. Retrieve SV w/ sandline. Pump 50 bbls packer fluid down tbg-csg annulus. ND BOPs. Set Arrowset 1-X packer w/ CE @ 5310' & EOT @ 5314' w/ 15,000 #s tension. NU wellhead. Fill annulus w/ 10 bbls packer fluid & pressure to 1500 psi. Bled trapped air off csg & re-pressure. Held pressure test for 30 min w/ 0 psi loss. RDMOSU. Ready for MIT. - Check pressure on tbg, 3050 psi. RU sandline. Retrieve SV w/ sandline. Pump 50 bbls packer fluid down tbg-csg annulus. ND BOPs. Set Arrowset 1-X packer w/ CE @ 5310' & EOT @ 5314' w/ 15,000 #s tension. NU wellhead. Fill annulus w/ 10 bbls packer fluid & pressure to 1500 psi. Bled trapped air off csg & re-pressure. Held pressure test for 30 min w/ 0 psi loss. RDMOSU. Ready for MIT. - Flush tbg & rods w/ 40 BW @ 250°. Continue LD rods as detailed. LD rod pump. ND wellhead. Release TA. NU BOPs. RU rig floor. PU 3- jts tbg & tag fill @ 6272' (69' new fill). TOH w/ tbg (talleying, breaking collars & applying liquid O-ring to threads). LD 28- jts & BHA. Flush tbg w/ 45 BW @ 250° during TOH. TIH w/ Arrowset 1-X packer, SN & 170- jts 2 7/8" 6.5# 8rd EUE tbg. Pump 20 BW down tbg & drop standing valve. Pump standing valve dwon w/ 25 BW. Pressure tbg to 3000 psi. SWIFN. - Flush tbg & rods w/ 40 BW @ 250°. Continue LD rods as detailed. LD rod pump. ND wellhead. Release TA. NU BOPs. RU rig floor. PU 3- jts tbg & tag fill @ 6272' (69' new fill). TOH w/ tbg (talleying, breaking collars & applying liquid O-ring to threads). LD 28- jts & BHA. Flush tbg w/ 45 BW @ 250° during TOH. TIH w/ Arrowset 1-X packer, SN & 170- jts 2 7/8" 6.5# 8rd EUE tbg. Pump 20 BW down tbg & drop standing valve. Pump standing valve dwon w/ 25 BW. Pressure tbg to 3000 psi. SWIFN. - Flush tbg & rods w/ 40 BW @ 250°. Continue LD rods as detailed. LD rod pump. ND wellhead. Release TA. NU BOPs. RU rig floor. PU 3- jts tbg & tag fill @ 6272' (69' new fill). TOH w/ tbg (talleying, breaking collars & applying liquid O-ring to threads). LD 28- jts & BHA. Flush tbg w/ 45 BW @ 250° during TOH. TIH w/ Arrowset 1-X packer, SN & 170- jts 2 7/8" 6.5# 8rd EUE tbg. Pump 20 BW down tbg & drop standing valve. Pump standing valve dwon w/ 25 BW. Pressure tbg to 3000 psi. SWIFN. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 60 BW @ 250°. Soft seat rods. Pressure test tbg & 3000 psi. LD 1 1/2" X 22' polished rod, 2',6' X 7/8" ponies, 99- 7/8" 4 per guided rods & 40 3/4" plain rods. SWIFN. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 60 BW @ 250°. Soft seat rods. Pressure test tbg & 3000 psi. LD 1 1/2" X 22' polished rod, 2',6' X 7/8" ponies, 99- 7/8" 4 per guided rods & 40 3/4" plain rods. SWIFN. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 60 BW @ 250°. Soft seat rods. Pressure test tbg & 3000 psi. LD 1 1/2" X 22' polished rod, 2',6' X 7/8" ponies, 99- 7/8" 4 per guided rods & 40 3/4" plain rods. SWIFN. - Check pressure on tbg, 3050 psi. RU sandline. Retrieve SV w/ sandline. Pump 50 bbls packer fluid down tbg-csg annulus. ND BOPs. Set Arrowset 1-X packer w/ CE @ 5310' & EOT @ 5314' w/ 15,000 #s tension. NU wellhead. Fill annulus w/ 10 bbls packer fluid & pressure to 1500 psi. Bled trapped

air off csg & re-pressure. Held pressure test for 30 min w/ 0 psi loss. RDMOSU. Ready for MIT. - Check pressure on tbg, 3050 psi. RU sandline. Retrieve SV w/ sandline. Pump 50 bbls packer fluid down tbg-csg annulus. ND BOPs. Set Arrowset 1-X packer w/ CE @ 5310' & EOT @ 5314' w/ 15,000 #s tension. NU wellhead. Fill annulus w/ 10 bbls packer fluid & pressure to 1500 psi. Bled trapped air off csg & re-pressure. Held pressure test for 30 min w/ 0 psi loss. RDMOSU. Ready for MIT. - Check pressure on tbg, 3050 psi. RU sandline. Retrieve SV w/ sandline. Pump 50 bbls packer fluid down tbg-csg annulus. ND BOPs. Set Arrowset 1-X packer w/ CE @ 5310' & EOT @ 5314' w/ 15,000 #s tension. NU wellhead. Fill annulus w/ 10 bbls packer fluid & pressure to 1500 psi. Bled trapped air off csg & re-pressure. Held pressure test for 30 min w/ 0 psi loss. RDMOSU. Ready for MIT. - Flush tbg & rods w/ 40 BW @ 250°. Continue LD rods as detailed. LD rod pump. ND wellhead. Release TA. NU BOPs. RU rig floor. PU 3- jts tbg & tag fill @ 6272' (69' new fill). TOH w/ tbg (talleying, breaking collars & applying liquid O-ring to threads). LD 28- jts & BHA. Flush tbg w/ 45 BW @ 250° during TOH. TIH w/ Arrowset 1-X packer, SN & 170- jts 2 7/8" 6.5# 8rd EUE tbg. Pump 20 BW down tbg & drop standing valve. Pump standing valve dwon w/ 25 BW. Pressure tbg to 3000 psi. SWIFN. - Flush tbg & rods w/ 40 BW @ 250°. Continue LD rods as detailed. LD rod pump. ND wellhead. Release TA. NU BOPs. RU rig floor. PU 3- jts tbg & tag fill @ 6272' (69' new fill). TOH w/ tbg (talleying, breaking collars & applying liquid O-ring to threads). LD 28- jts & BHA. Flush tbg w/ 45 BW @ 250° during TOH. TIH w/ Arrowset 1-X packer, SN & 170- jts 2 7/8" 6.5# 8rd EUE tbg. Pump 20 BW down tbg & drop standing valve. Pump standing valve dwon w/ 25 BW. Pressure tbg to 3000 psi. SWIFN. - Flush tbg & rods w/ 40 BW @ 250°. Continue LD rods as detailed. LD rod pump. ND wellhead. Release TA. NU BOPs. RU rig floor. PU 3- jts tbg & tag fill @ 6272' (69' new fill). TOH w/ tbg (talleying, breaking collars & applying liquid O-ring to threads). LD 28- jts & BHA. Flush tbg w/ 45 BW @ 250° during TOH. TIH w/ Arrowset 1-X packer, SN & 170- jts 2 7/8" 6.5# 8rd EUE tbg. Pump 20 BW down tbg & drop standing valve. Pump standing valve dwon w/ 25 BW. Pressure tbg to 3000 psi. SWIFN. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 60 BW @ 250°. Soft seat rods. Pressure test tbg & 3000 psi. LD 1 1/2" X 22' polished rod, 2',6' X 7/8" ponies, 99- 7/8" 4 per guided rods & 40 3/4" plain rods. SWIFN. **Finalized**  
**Daily Cost:** \$0  
**Cumulative Cost:** \$4,488

**8/29/2011 Day: 4**

**Conversion MIT**

Rigless on 8/29/2011 - Conduct initial MIT - On 08/22/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/23/2011 the casing was pressured up to 1470 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 - Dennis Ingram. FINAL REPORT - On 08/22/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/23/2011 the casing was pressured up to 1470 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 - Dennis Ingram. FINAL REPORT **Finalized**  
**Daily Cost:** \$0  
**Cumulative Cost:** \$56,635

**Pertinent Files: Go to File List**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-67170
<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>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 10-24-8-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 4301332366000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2049 FSL 1970 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 24 Township: 08.0S Range: 16.0E Meridian: S	<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"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/15/2012	<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 type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input 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 checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="Put on Injection"/>

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 1:30 PM on 02/15/2012.

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

Date: February 16, 2012

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> 2/15/2012	

# Monument Butte NE Federal 10-24-8-16

Spud Date: 03/11/05  
 Put on Production: 04/27/05  
 GL: 5406' KB: 5416'

## Injector Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.71')  
 DEPTH LANDED: 312.71'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160sxs Class G with 2% CaCL.

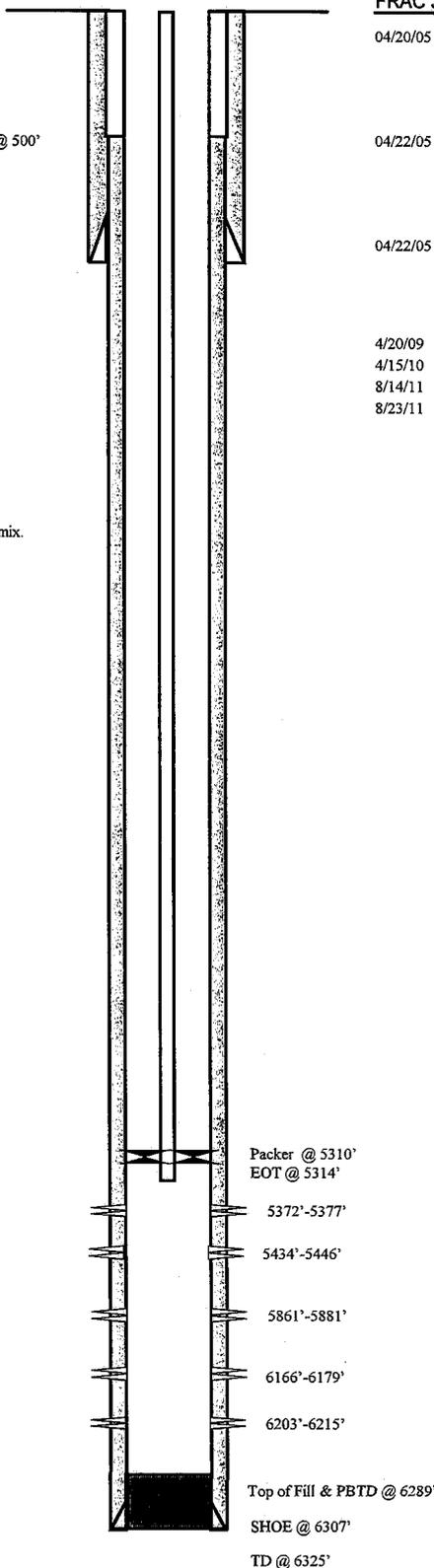
### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 178 jts. (6308.85')  
 DEPTH LANDED: 6306.85' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 395 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 500'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 170jts (5293.7')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5305.7' KB  
 CE @ 5310.14'  
 TOTAL STRING LENGTH: 5314' w/ 12' KB

Cement Top @ 500'



### FRAC JOB

04/20/05 6166'-6215' **Frac CP1 and CP2 sands as follows:**  
 89,703# of 20/40 sand in 686 bbls lightning frac 17 fluid. Treated @ avg press of 2116 w/ avg rate of 24.7 bpm. ISIP 2270 psi. Calc flush: 6164 gal. Actual flush: 6132 gal.

04/22/05 5861'-5881' **Frac LODC sands as follows:**  
 60,106# of 20/40 sand in 494 bbls lightning frac 17 fluid. Treated @ avg press of 2546 w/avg rate of 23.5 bpm. ISIP 2590 psi. Calc flush: 5859 gal. Actual flush: 5838 gal.

04/22/05 5372'-5446' **Frac C and D3 sands as follows:**  
 78,093# of 20/40 sand in 604 bbls lightning 17 frac fluid. Treated @ avg press of 1906 w/avg rate of 25.6 bpm. ISIP 1960 psi. Calc flush: 5370 gal. Actual flush: 5250 gal.

4/20/09 **Pump Change.** Updated r & t details.  
 4/15/10 **Tubing Leak.** Updated rod & tubing details.  
 8/14/11 **Convert to Injection well**  
 8/23/11 **Conversion MIT Finalized** - update tbg detail

### PERFORATION RECORD

Date	Interval	Tool	Holes
04/20/05	6203'-6215'	4 JSPF	48 holes
04/20/05	6166'-6179'	4 JSPF	52 holes
04/22/05	5861'-5881'	4 JSPF	80 holes
04/22/05	5434'-5446'	4 JSPF	48 holes
04/22/05	5372'-5377'	4 JSPF	20 holes

**NEWFIELD**

MONUMENT BUTTE NE FEDERAL 10-24-8-16

2049' FSL & 1970' FEL  
 NW/SE Section 24-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32366; Lease #UTU-67170



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

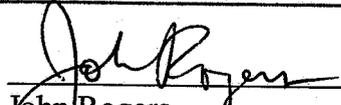
Cause No. UIC-365

**Operator:** Newfield Production Company  
**Well:** Federal 10-24-8-16  
**Location:** Section 24, Township 8 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32366  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 24, 2010.
2. Maximum Allowable Injection Pressure: 1,925 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,528' – 6,325')
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

2/8/2012  
Date

JR/MLR/js

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

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<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-67170
		<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> FEDERAL 10-24-8-16
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013323660000
<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> 2049 FSL 1970 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 24 Township: 08.0S 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: 7/21/2016	<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 type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input 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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>

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

On 07/18/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 07/21/2016 the casing was pressured up to 1490 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1103 psig during the test. There was a State representative available to witness the test - Mark Reinbold.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
July 26, 2016**

<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> 7/22/2016	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: Mark Reinbold Date 7/21/16 Time 1:17 am/pm  
Test Conducted by: Michael Jensen  
Others Present: J.D. Day

Well: Federal 10-24-8-16 Field: Monument Butte  
Well Location: NW/SE Sec 24, T8S, R16E API No: 43-013-32366

<u>Time</u>	<u>Casing Pressure</u>
0 min	<u><del>1350</del> 1490</u> psig
5	<u>1490</u> psig
10	<u>1490</u> psig
15	<u>1490</u> psig
20	_____ psig
25	_____ psig
30 min	_____ psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing pressure: 1103 psig

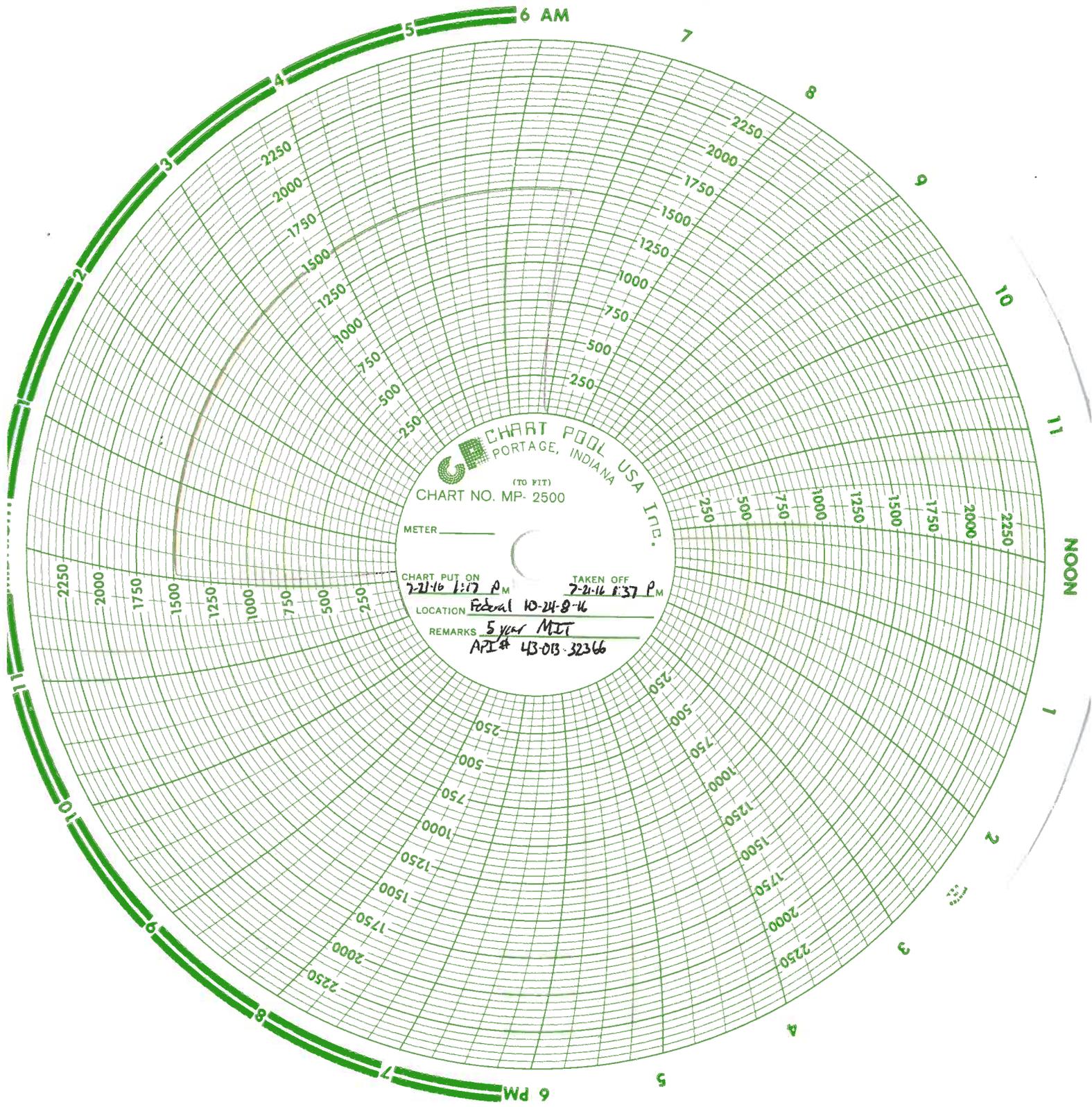
Result: Pass Fail

Signature of Witness:

Mark L. Reinbold

Signature of Person Conducting Test:

Michael Jensen



**CHART POOL USA INC.**  
PORTAGE, INDIANA  
(TO FIT)  
CHART NO. MP- 2500

METER \_\_\_\_\_

CHART PUT ON 2-21-16 1:17 P.M. TAKEN OFF 7-21-16 1:37 P.M.

LOCATION Federal 10-24-8-16

REMARKS 5 year MIT  
API# 43-013-32366