

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

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

7. UNIT AGREEMENT NAME

Mon. Butte NE

8. FARM OR LEASE NAME WELL NO

FEDERAL 9-24-8-16

2. NAME OF OPERATOR

Inland Production Company

9. API WELL NO.

43-013-32359

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 NE/SE 2080' FSL 638' FEL

At proposed Prod. Zone

4439279Y 40.10189

580146 X -110.05971

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

NE/SE  
Sec. 24, T8S, R16E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 12 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. 560' f/lse line & 560' 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. 1242'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

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

5379' 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
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.

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

(This space for Federal or State office use)

PERMIT NO. 43-013-32359 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:

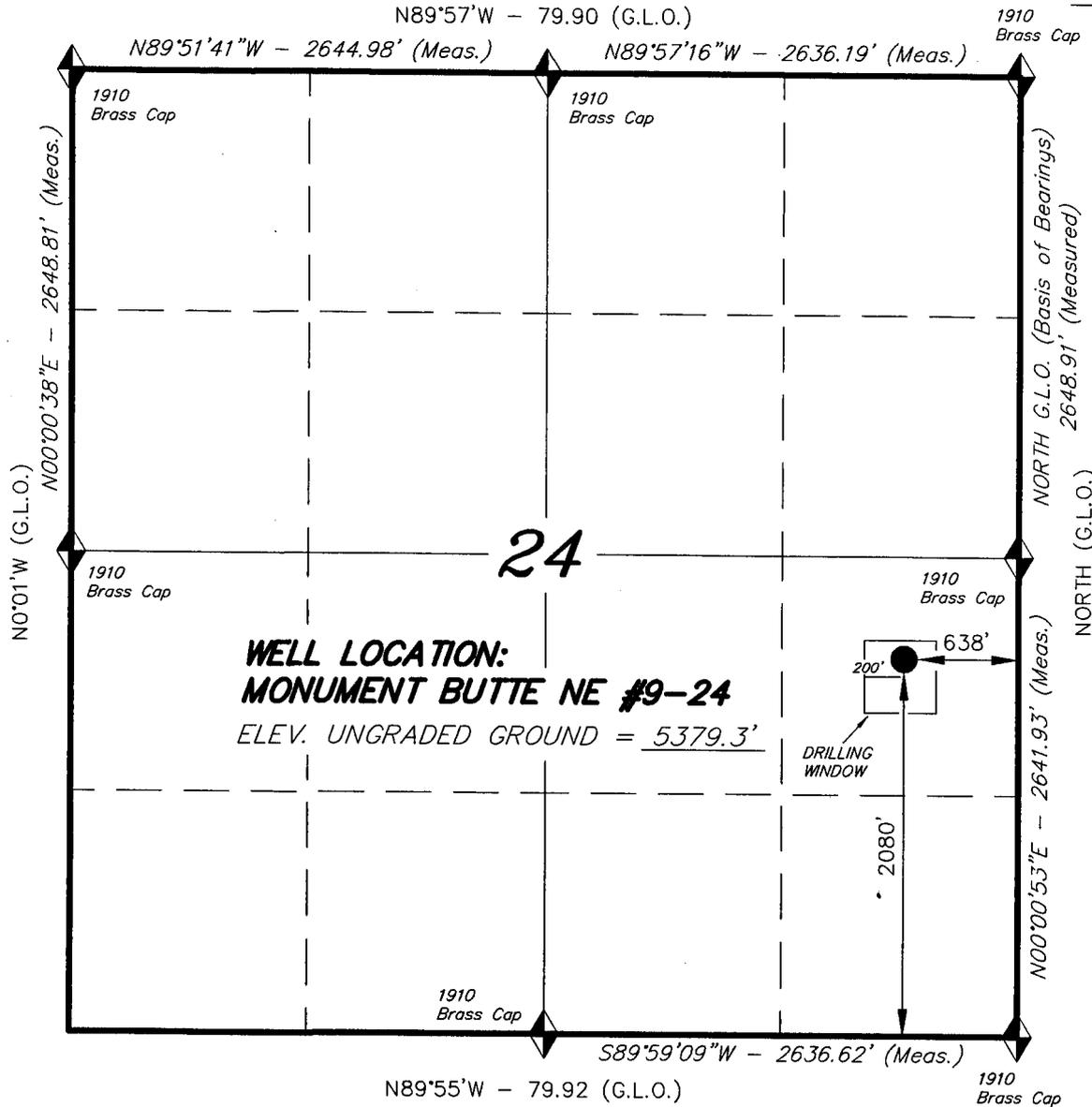
APPROVED BY [Signature] TITLE BRADLEY G. HILL DATE 07-15-01  
**RECLAMATION SPECIALIST III**

\*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

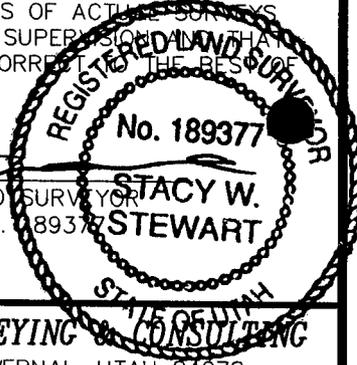


WELL LOCATION, MONUMENT BUTTE NE #9-24, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 24, T8S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



◆ = SECTION CORNERS LOCATED

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

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b>	
38 WEST 100 NORTH - VERNAL, UTAH 84078 (435) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 5-21-02	DRAWN BY: J.R.S.
NOTES:	FILE #

200

INLAND PRODUCTION COMPANY  
MON. BUTTE NE FEDERAL #9-24-8-16  
NE/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 #9-24-8-16  
NE/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 #9-24-8-16 located in the NE 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 - 0.5 miles  $\pm$  to its junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road 55'  $\pm$  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 #9-24-8-16 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."**

Inland Production Company also requests a 60' ROW be granted for the Mon. Butte NE Federal #9-24-8-16 to allow for construction of a 3" steel water injection line and a 3" poly water return line. **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 #9-24-8-16 NE/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 9-24-8-16

API Number:

Lease Number: U-67170

Location: NE/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.

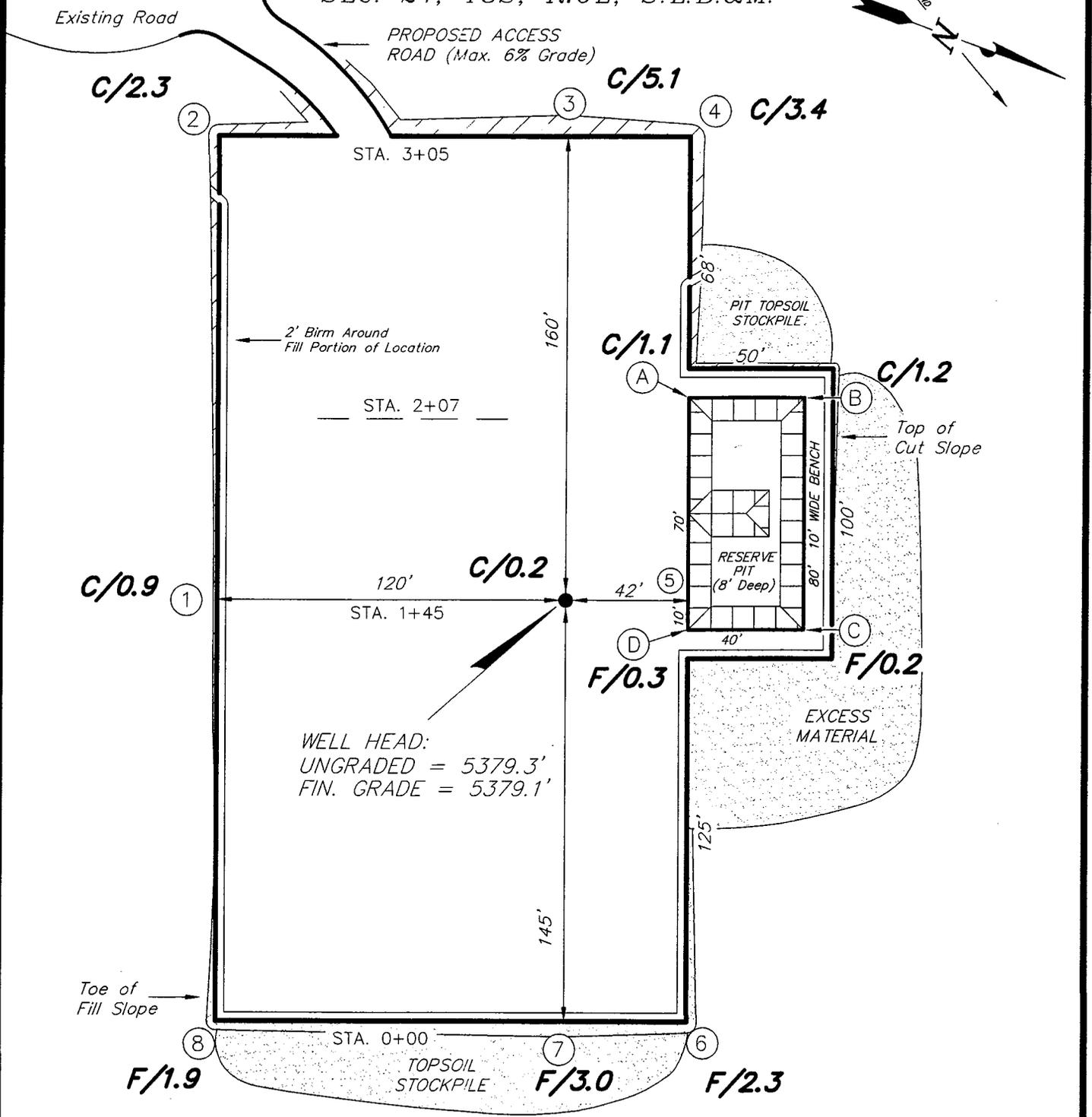
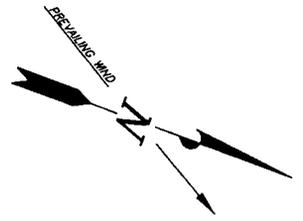
Except as specified in the APD, the installation of the surface gas line and any subsequent buried pipelines will follow the edge of the existing roadways without interfering with the normal travel and maintenance of the roadway.

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 #9-24  
SEC. 24, T8S, R16E, S.L.B.&M.



WELL HEAD:  
UNGRADED = 5379.3'  
FIN. GRADE = 5379.1'

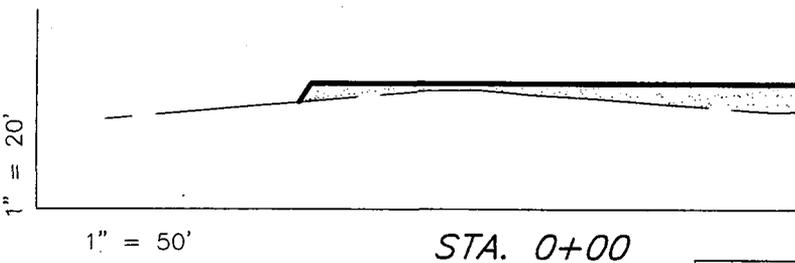
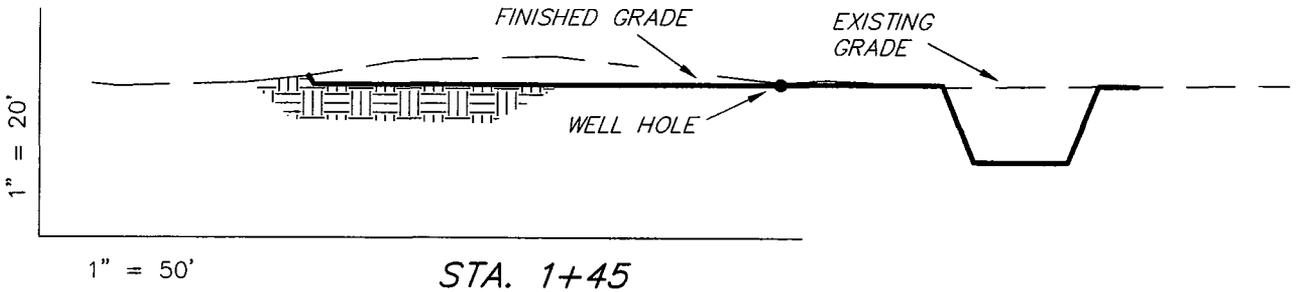
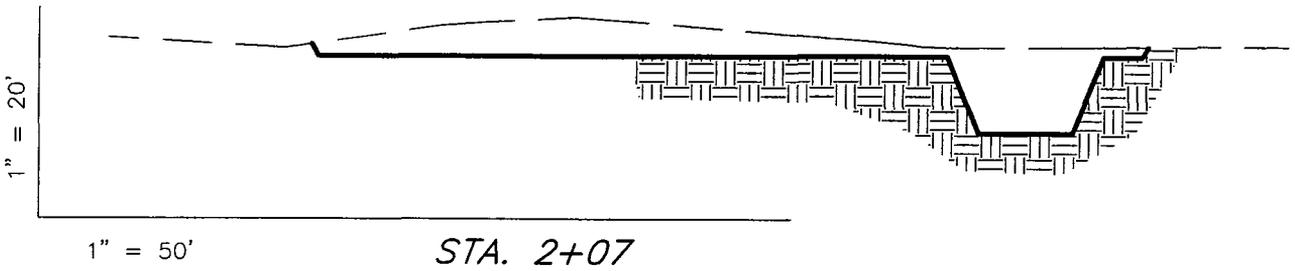
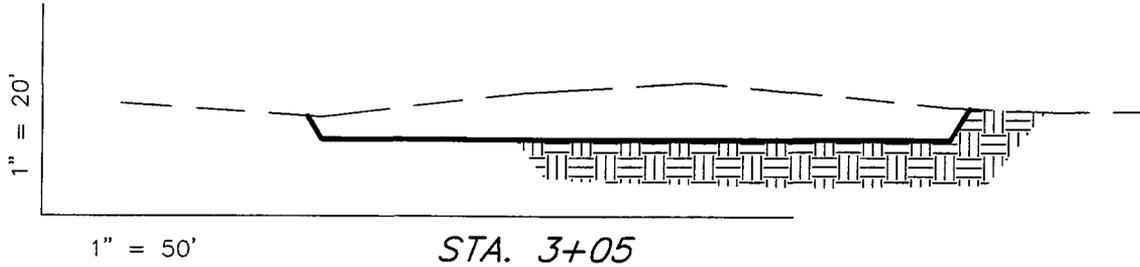
**REFERENCE POINTS**

195' EAST	= 5375.6'
245' EAST	= 5374.9'
170' SOUTH	= 5378.9'
220' SOUTH	= 5380.8'

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 #9-24**



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	2,860	760	Topsoil is not included in Pad Cut	2,100
PIT	640	0		640
<b>TOTALS</b>	<b>3,500</b>	<b>760</b>	<b>1,010</b>	<b>2,740</b>

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

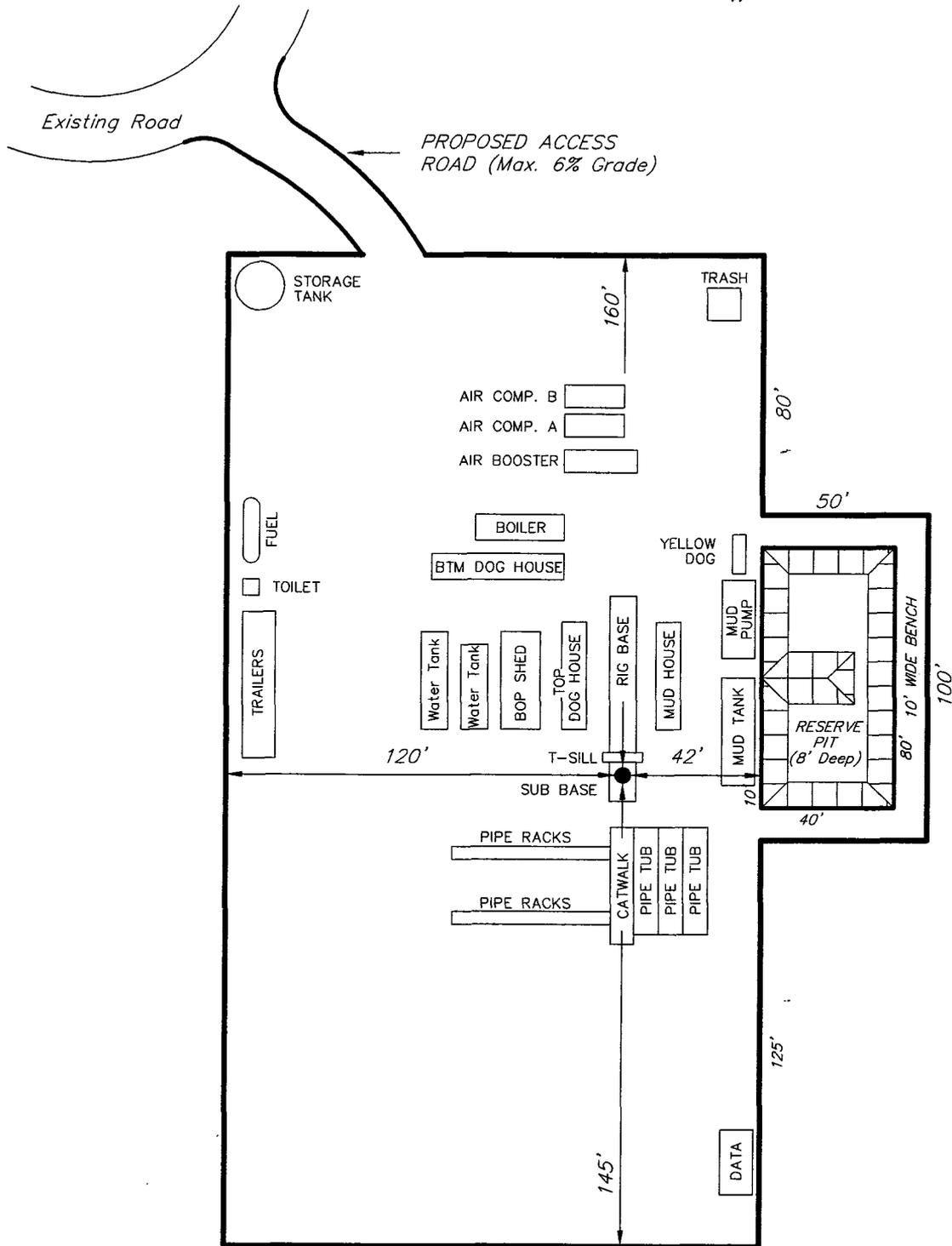
DATE: 5-21-02

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

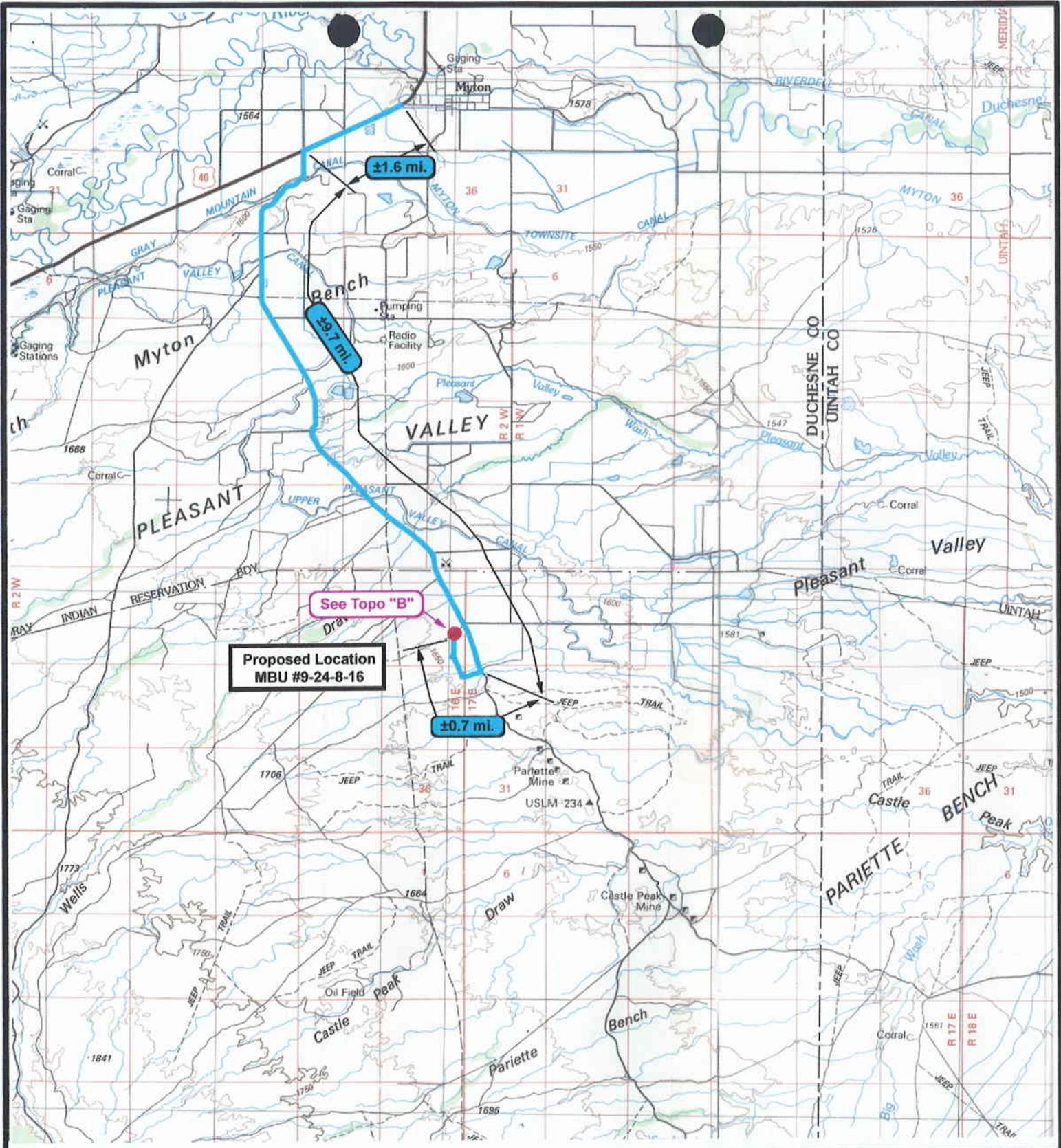
# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### MONUMENT BUTTE NE #9-24



SURVEYED BY: D.J.S.	SCALE: 1" = 50'	 Tri State 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 #9-24-8-16**

**See Topo "B"**

**±1.6 mi.**

**±9.7 mi.**

**±0.7 mi.**



**Monument Butte NE #9-24  
SEC. 24, T8S, R16E, S.L.M.**

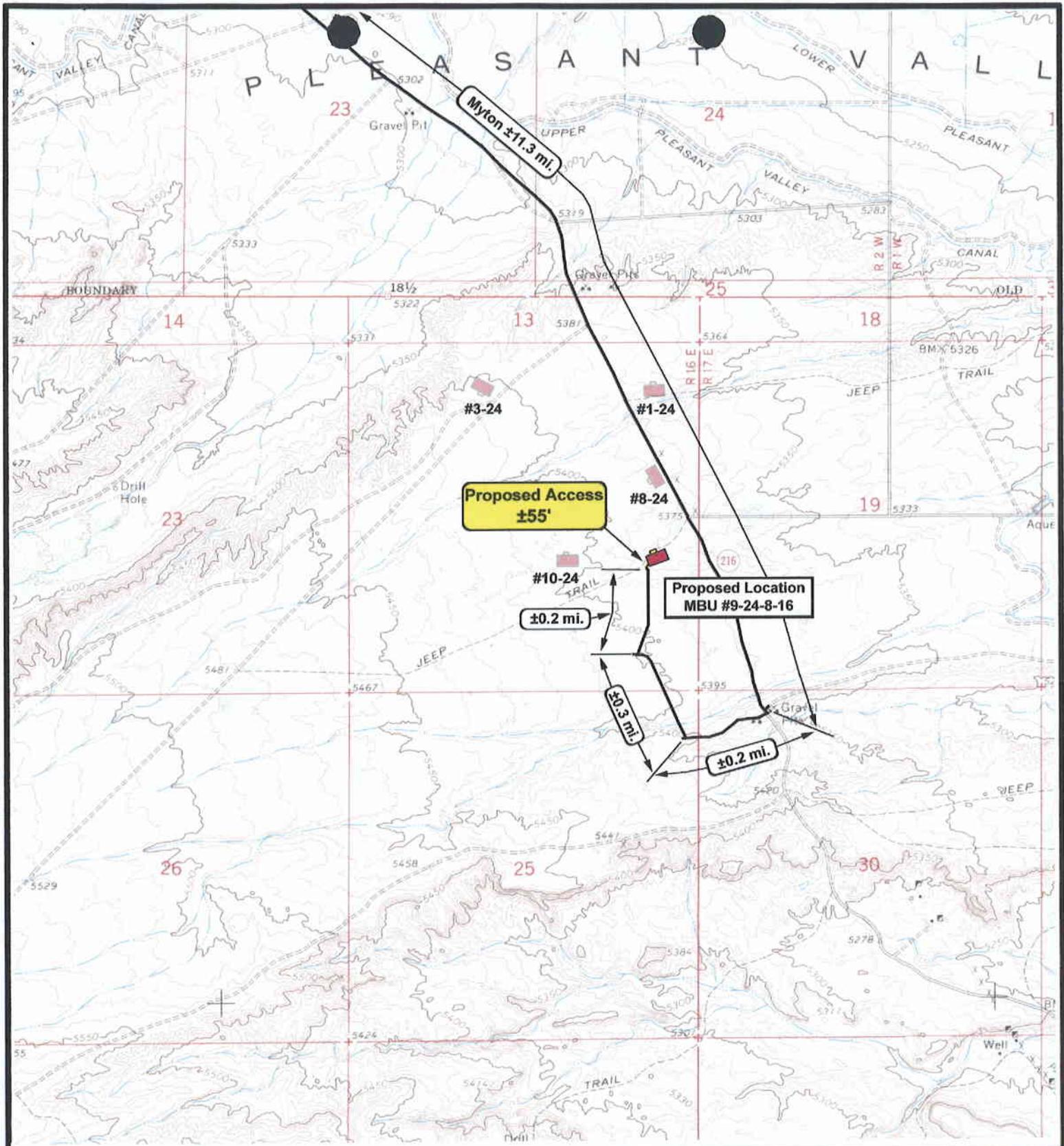


**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

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

**Legend**  
Existing Road  
Proposed Access

**TOPOGRAPHIC MAP  
"A"**



**Monument Butte NE #9-24  
SEC. 24, T8S, R16E, S.L.M.**



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

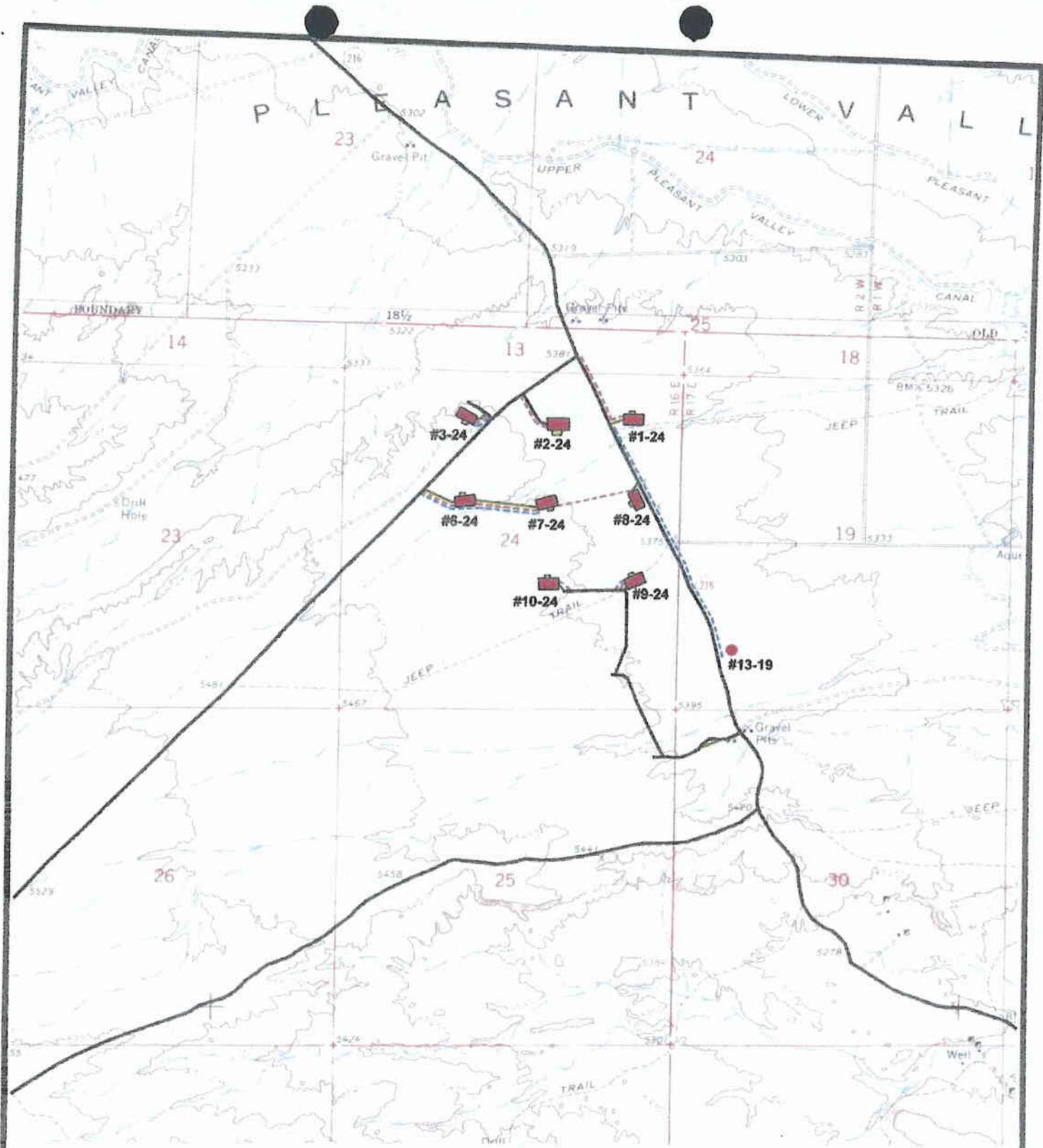
SCALE: 1" = 2000'  
DRAWN BY: R.B.  
DATE: 05-23-2002

**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"**

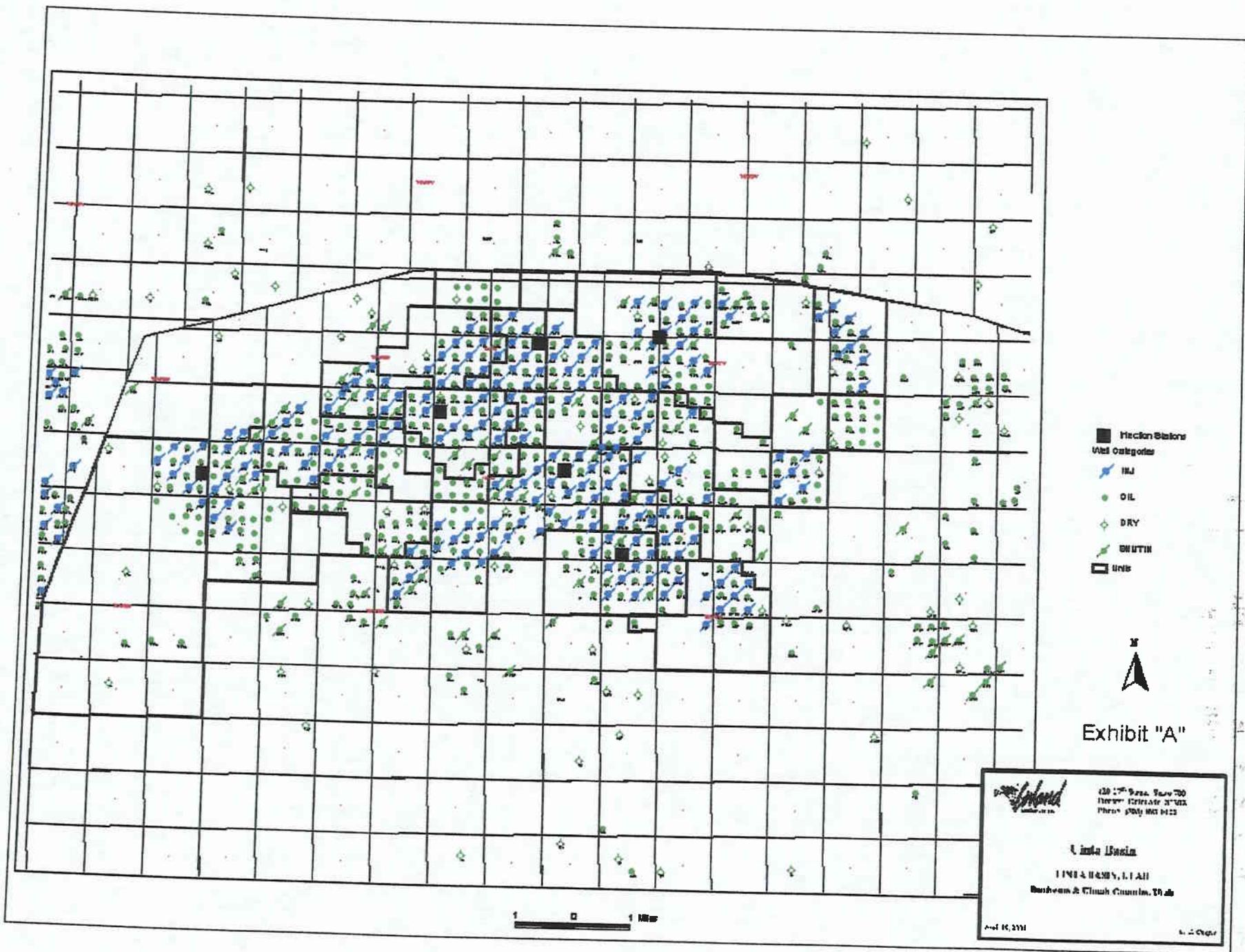
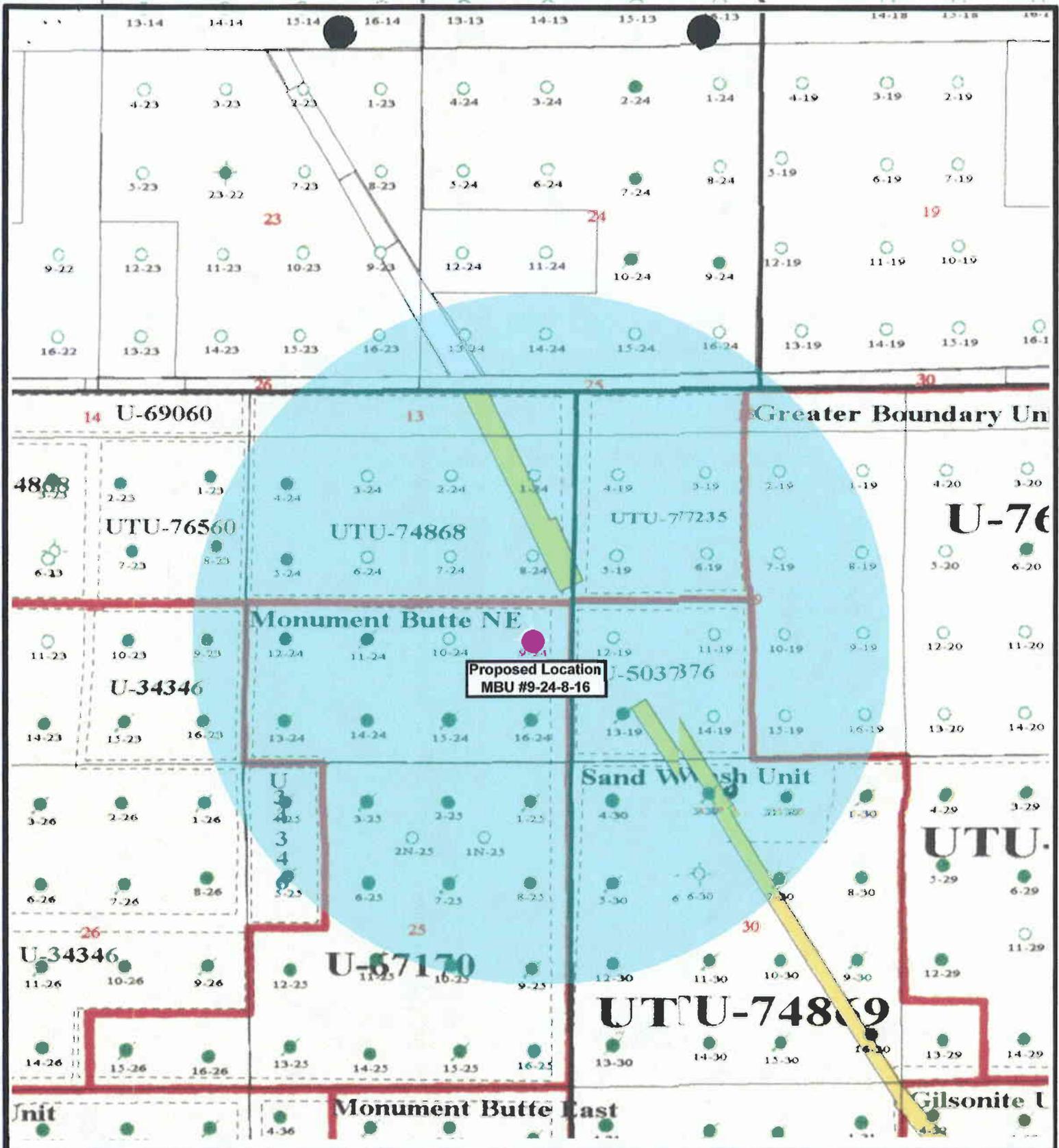


Exhibit "A"

**Coland**  
 220 1<sup>st</sup> St. SW, Suite 200  
 Denver, Colorado 80202  
 Phone: 303.555.1422

**4<sup>th</sup> and 5<sup>th</sup> Basins**  
 LINCOLN COUNTY, ND  
 Burdwan & Clark Counties, ND

April 10, 2011 L. J. O'Neil



**Monument Butte NE #9-24  
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

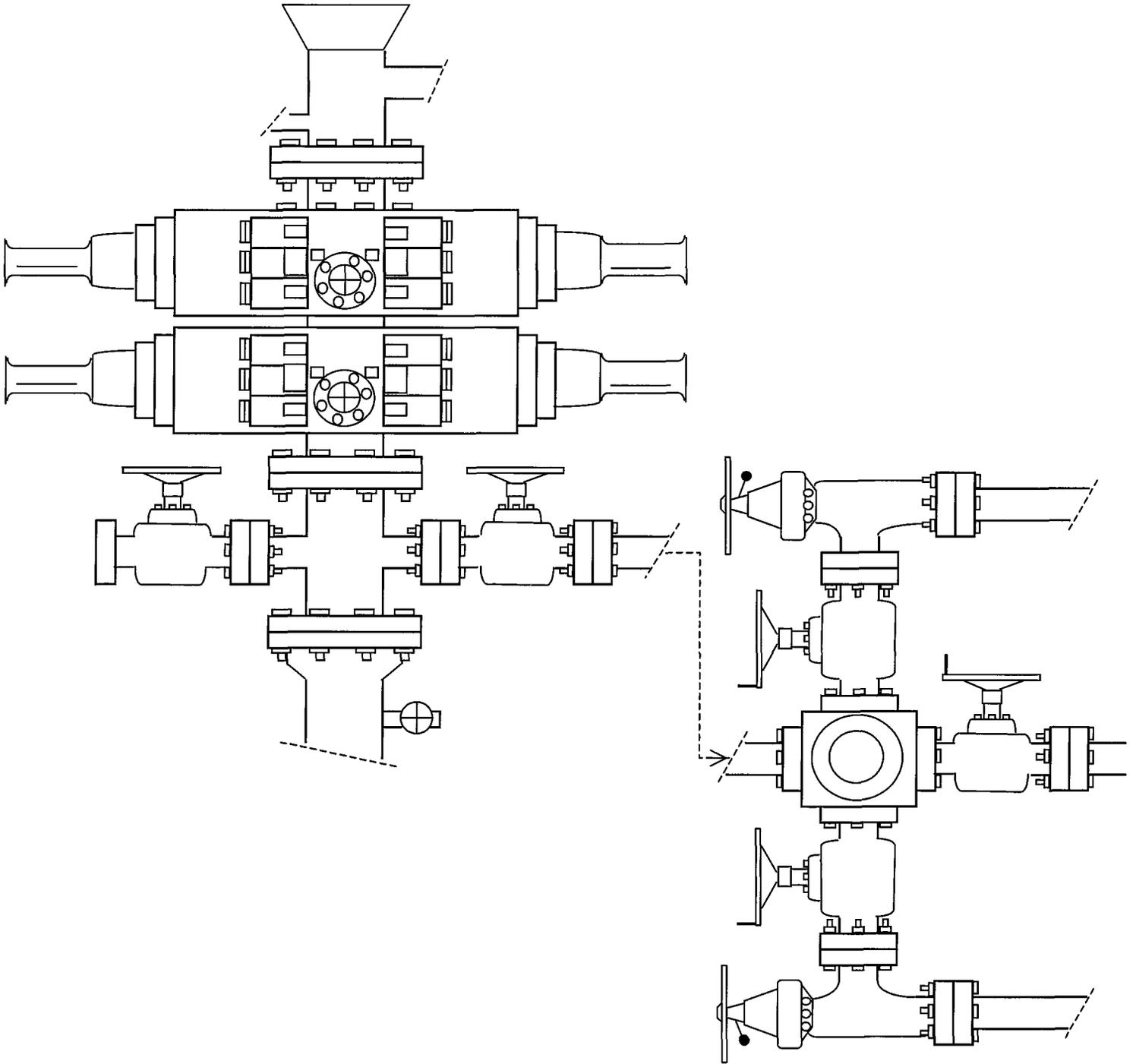
**Legend**

● 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: 43-013-32359

WELL NAME: FEDERAL 9-24-8-16  
OPERATOR: INLAND PRODUCTION ( N5160 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NESE 24 080S 160E  
SURFACE: 2080 FSL 0638 FEL  
BOTTOM: 2080 FSL 0638 FEL  
DUCHESNE  
MONUMENT BUTTE ( 105 )

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

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

LATITUDE: 40.10189

PROPOSED FORMATION: GRRV

LONGITUDE: 110.05971

RECEIVED AND/OR REVIEWED:

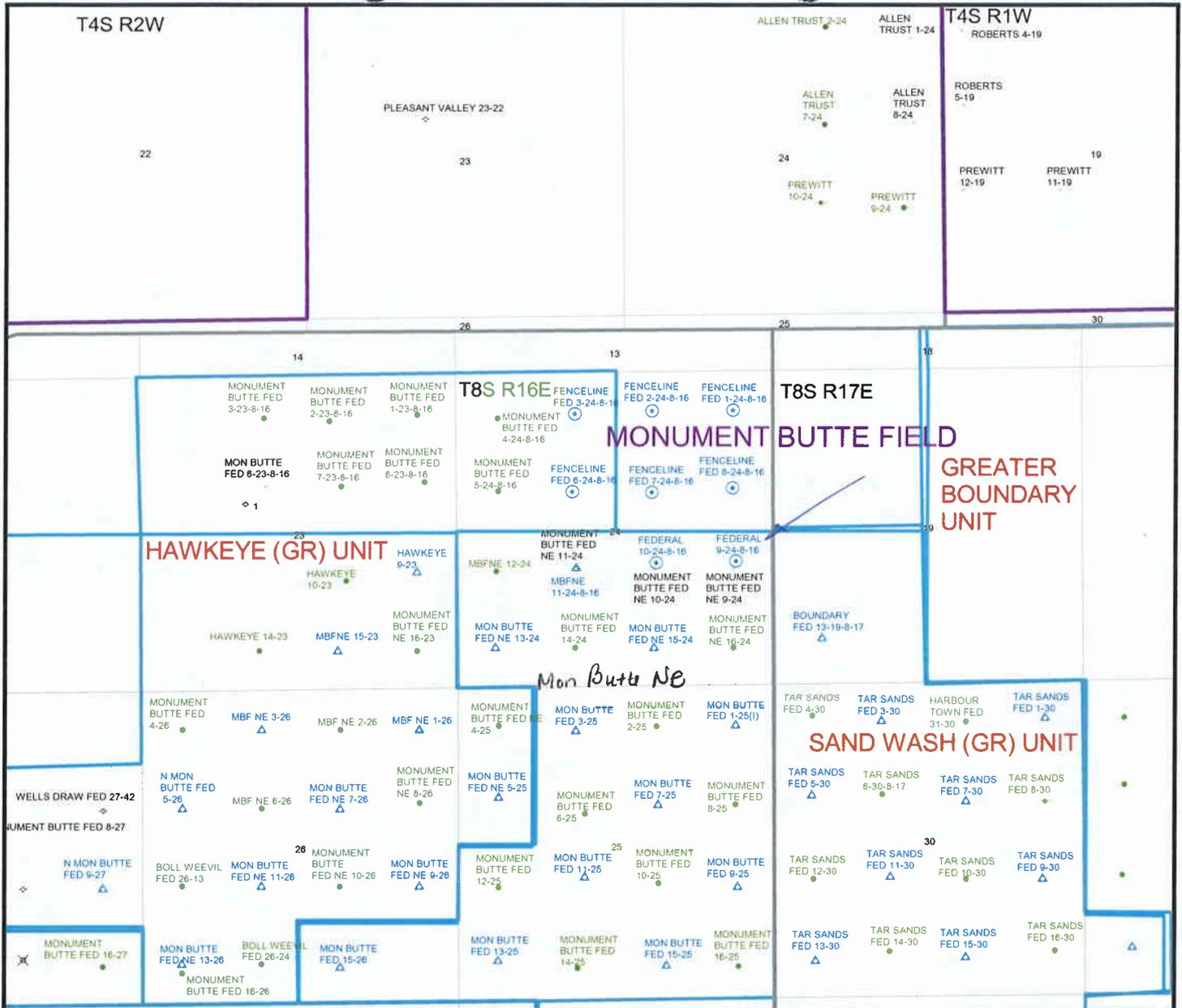
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3. *\* Blm w/POD aprvl. not reg. fe*
- ~~Project Unit~~ Monument Butte NE
- 649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 213-3  
Eff Date: March 5, 1994  
Siting: *\* Suspends General Siting*
- R649-3-11. Directional Drill

COMMENTS: Sop, Separate file

STIPULATIONS: 1- Fed Approval

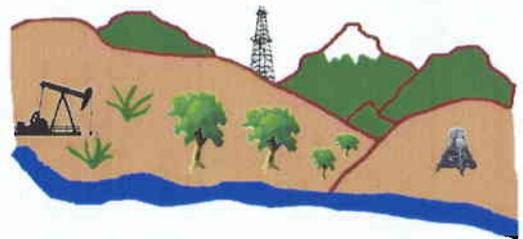


OPERATOR NAME: INLAND PROD (N5160)

SEC. 24 T8S R16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE



Utah Oil Gas and Mining



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

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

Field Status

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



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

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

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

July 15, 2002

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

Re: Federal 9-24-8-16 Well, 2080' FSL, 638' FEL, NE 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 43-013-32359.

Sincerely,

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 9-24-8-16  
API Number: 43-013-32359  
Lease: U-67170

Location: NE 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.

006

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED 8-67170

JUN 26 2002

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [ ]

1b. TYPE OF WELL OIL WELL [X] GAS WELL [ ] SINGLE ZONE [ ] MULTIPLE ZONE [X]

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 NE/SE 2080' FSL 638' FEL At proposed Prod. Zone

5. LEASE DESIGNATION AND SERIAL NO. 8-67170

6. INDIAN, ALLOTTEE OR TRIBE NAME N/A

7. UNIT AGREEMENT NAME Mon. Butte NE

8. FARM OR LEASE NAME WELL NO FEDERAL 9-24-8-16

9. API WELL NO.

10. FIELD AND POOL OR WILDCAT Monument Butte

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

12. County Duchesne

13. STATE UT

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* Approximately 12 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to Approx. 560' f/lse line & 560' 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. 1242'

19. PROPOSED DEPTH 6500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5379' 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. Content: 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

(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 [Signature] TITLE 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 9-24-8-16

API Number: 43-013-32359

Lease Number: UTU – 67170

Location: NESE 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  $\pm 391$  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 9-24-8-16**

9. API Well No.  
**43-013-32359**

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)  
**2080 FSL 638 FEL NE/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: 7-17-03  
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 \_\_\_\_\_

Conditions of approval, if any:

CC: Utah DOGM

RECEIVED

JUL 16 2003

DIV. OF OIL, GAS & MINING

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

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

**API:** 43-013-32359  
**Well Name:** Federal 9-24-8-16  
**Location:** NE/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

Marcia Crozier  
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)

2080 FSL 638 FEL    NE/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 9-24-8-16

9. API Well No.

43-013-32359

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

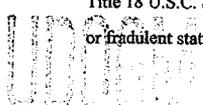
(This space for Federal or State office use)

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 9-24-8-16

Location: NESE 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 9-24-8-16**

9. API Well No.  
**43-013-32359**

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)  
**2080 FSL 638 FEL                      NE/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"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>Permit Extension</b>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

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: 07-14-04  
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 Mandie Crozier Title Regulatory Specialist Date 7/16/04  
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:** 43-013-32359  
**Well Name:** Federal 9-24-8-16  
**Location:** NE/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

Mandie Crozier  
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

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: NEWFIELD PRODUCTION COMPANYWell Name: FEDERAL 9-24-8-16Api No: 43-013-32359 Lease Type: FEDERALSection 24 Township 08S Range 16E County DUCHESNEDrilling Contractor NDSI RIG # NS#1**SPUDDED:**Date 03/28/05Time 1:30 PMHow DRY**Drilling will Commence:** \_\_\_\_\_Reported by FLOYD MITCHELLTelephone # 1-435-823-3610Date 03/29/2005 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**011**

**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)  
 2080 FSL 638 FEL  
 NE/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 9-24-8-16

9. API Well No.  
 4301332359

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 03/28/05 MIRU NDSI NS # 1.Spud well @ 1:30 PM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 309.81' KB On 04/01/05 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 3 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 <i>4-1-05</i>

**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 309.81

LAST CASING 8 5/8" SET AT 309.81'  
 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 9-24-8-16  
 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 41.01'						
		WHI - 92 csg head			8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	297.96	
		<b>GUIDE</b> shoe			8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			299.81	
TOTAL LENGTH OF STRING		299.81	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>309.81</b>	
TOTAL		297.96	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		297.96	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.		Spud	3/28/2005	1:30 PM	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE		3/29/2005	5:00 PM	Bbls CMT CIRC TO SURFACE			3	
BEGIN CIRC		4/1/2005	9:55 AM	RECIPROCATED PIPE FOR			N/A	
BEGIN PUMP CMT		4/1/2005	10:09 AM					
BEGIN DSPL. CMT		4/1/2005	10:19 AM	BUMPED PLUG TO			220 PSI	
PLUG DOWN		4/1/2005	10:26 AM					
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield						
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING						
Centralizers - Middle first, top second & third for 3								

COMPANY REPRESENTATIVE Floyd Mitchell DATE 4/1/2005



# 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

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

**012**

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:

**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
- 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

013

RECEIVED

APR 05 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 84062

OPERATOR ACCT NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	14647	43-013-32424	Ashley Federal 11-24-9-15	NE/SW	24	9S	15E	Duchesne	March 28, 2005	4/6/05
WELL 1 COMMENTS: <u>GRPV</u>											
A	99999	14648	43-013-32359	Federal 9-24-8-16	NE/SE	24	8S	16E	Duchesne	March 28, 2005	4/6/05
WELL 2 COMMENTS: <u>GRPV</u>											
A	99999	14649	43-047-35752	Federal 12-6-9-18	NW/SW	6	9S	18E	Duchesne	April 1, 2005	4/6/05
WELL 3 COMMENTS: <u>GRPV</u>											
A	99999	14650	43-013-32437	Ashley State 8-2-9-15	SE/NE	2	9S	16E	Duchesne	April 4, 2005	4/6/05
WELL 4 COMMENTS: <u>GRPV</u>											
A	99999	14651	43-047-35506	Federal 12-5-9-18	NW/SW	5	9S	18E	Duchesne	April 5, 2005	4/6/05
WELL 5 COMMENTS: <u>GRPV</u>											

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  
 Title Production Clerk  
 Date April 5, 2005

PAGE 02  
 INLAND  
 4356463031  
 04/05/2005 07:53

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 Newfield Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2080 FSL 638 FEL  
 NE/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 9-24-8-16

9. API Well No.  
 4301332359

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 7/14/2005 MIRU Patterson Rig # 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,560'. 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, 153 jt's of 5.5 J-55, 15.5# csgn. Set @ 6540.29' / KB. Cement with 400sks cement mixed @ 11.0 ppg & 3.43 yld. The 475 sks cement mixed @ 14.4 ppg & 1.24 yld. With 19 bbls cement returned to pit. Nipple down Bop's. Drop slips @ 95,000 #'s tension. Release rig 8:30 am on 7/19/2005.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Floyd Mitchell	Title Drilling Supervisor
Signature <i>Floyd Mitchell</i>	Date 07/19/2005

**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)

RECEIVED

JUL 26 2005

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6540.29

LAST CASING 8 5/8" SET AT 309'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 6560' Loggers TD 6595'  
 HOLE SIZE 7 7/8"

Flt clr @ 6498'  
 OPERATOR Newfield Production Company  
 WELL Federal 9-24-8-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Patterson-UTI Rig # 155

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
	<b>SHJT</b>	<b>5.64' @ 4036'</b>					
<b>153</b>	<b>5 1/2"</b>	ETC LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	6484.47
		Float collar					0.6
<b>1</b>	<b>5 1/2"</b>	ETC LT&C csg	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	42.57
		<b>GUIDE shoe</b>			<b>8rd</b>	<b>A</b>	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6542.29
TOTAL LENGTH OF STRING		6542.29	154	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		128.17	3	CASING SET DEPTH			<b>6540.29</b>
TOTAL		<b>6655.21</b>	157	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6655.21	157				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		7/18/2005	9:30 PM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		7/19/2005	12:30 AM	Bbls CMT CIRC TO SURFACE <u>19</u>			
BEGIN CIRC		7/19/2005	12:30 AM	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		7/19/2005	1:53 AM	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		7/19/2005	2:59 AM	BUMPED PLUG TO <u>2750</u> PSI			
PLUG DOWN		<b>7/19/2005</b>	<b>3:38 AM</b>				

CEMENT USED		4 CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
<b>1</b>	<b>400</b>	Premlite II w/ 10% gel + 3% KCL, 3#/s /sk CSE + 2# sk/kolseal + 1/2#/s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
<b>2</b>	<b>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 Floyd Mitchell DATE 7/19/2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 Newfield Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2080 FSL 638 FEL  
 NE/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 9-24-8-16

9. API Well No.  
 4301332359

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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

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

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

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

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

RECEIVED  
AUG 12 2005

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 08/11/2005

**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

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

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 Newfield Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2080 FSL 638 FEL  
 NE/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 9-24-8-16

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<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 _____ Variance _____

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

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

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

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

Date: 8/17/05  
 By: [Signature]

Federal Approval Of This  
Action Is Necessary

**RECEIVED**  
**AUG 12 2005**  
 DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct	Title
Name (Printed/Typed) Mandie Crozier	Regulatory Specialist
Signature [Signature]	Date 08/11/2005

**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

(See other instructions on reverse side)

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

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

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

1a. TYPE OF WORK  
 OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1b. TYPE OF WELL  
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.  Other \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
UTU-67170

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
Monument Butte NE

8. FARM OR LEASE NAME, WELL NO.  
Mon. Butte NE Federal 9-24-8-16

2. NAME OF OPERATOR  
Newfield Exploration Company

9. WELL NO.  
43-013-32359

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 2080' FSL & 638' FEL (NE/SE) Sec.24, T8S, R16E  
 At top prod. Interval reported below  
 At total depth

11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA  
Sec. 24, T8S, R16E

14. API NO. 43-013-32359 DATE ISSUED 7/15/02

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUDDED 3/28/05 16. DATE T.D. REACHED 7/18/05 17. DATE COMPL. (Ready to prod.) 8/9/05 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5379' GL 5391' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6560' 21. PLUG BACK T.D., MD & TVD 6497' 22. IF MULTIPLE COMPL. HOW MANY\* 23. INTERVALS DRILLED BY -----> 23. INTERVALS ROTARY TOOLS X 23. INTERVALS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
Green River 5228'-6214'

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#	310'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6540'	7-7/8"	400 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 @ 6290'	TA @ 6161'

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
(CP2) 6185'-6190', 6206'-6214'	.41"	4/80	5185'-6214'	Frac w/ 40,274# 20/40 sand in 407 bbls fluid
(DC) 5810'-5815', 5858'-5862', 5867'-5874', 5887'-5898', 5906'-5918', 5946'-5961'	.43"	4/216	5810'-5961'	Frac w/ 200,478# 20/40 sand in 1344 bbls fluid
(B&C) 5381'-85', 5399'-5416', 5416'-25', 5453'-57'	.43"	4/36	5381'-5457'	Frac w/ 95,275# 20/40 sand in 702 bbls fluid
(D1) 5228'-5233'	.43"	4/20	5228'-5233'	Frac w/ 22,606# 20/40 sand in 307 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION 8/9/05 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14.5' RHAC SM Plunger Pump WELL STATUS (Producing or shut-in) 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			----->	69	41	91	594

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 from all available records

SIGNED Mandie Crozier TITLE Regulatory Specialist DATE 9/13/2005

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SEP 15 2005

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 Federal 9-24-8-16	Garden Gulch Mkr	4182'	
				Garden Gulch 1	4388'	
				Garden Gulch 2	4512'	
				Point 3 Mkr	4802'	
				X Mkr	5035'	
				Y-Mkr	5068'	
				Douglas Creek Mkr	5195'	
				BiCarbonate Mkr	5459'	
				B Limestone Mkr	5583'	
				Castle Peak	6102'	
				Basal Carbonate	6480'	
				Total Depth (LOGGERS)	6595'	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 Newfield Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2080 FSL 638 FEL  
 NE/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 9-24-8-16

9. API Well No.  
 4301332359

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 _____
	<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.)

Status report for time period 07/27/05 - 08/09/05

Subject well had completion procedures intiated in the Green River formation on 07-27-05 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (6206'-6214'),(6185'-6190'); Stage #2 (5946'-5961'),(5906'-5918'),(5887'-5898'),(5867'-5874'),(5858'-5862'),(5810'-5815'); Stage #3 (5453'-5457'),(5416'-5425'),(5399'-5416'),(5381'-5385'); Stage #4 (5228'-5233'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 08-5-2005. Bridge plugs were drilled out and well was cleaned to 6497.00'. Zones were swab tested for sand cleanup. A 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 08-09-2005.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Lana Nebeker	Title Production Clerk
Signature <i>Lana Nebeker</i>	Date 09/28/2005

**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)

**RECEIVED**

**SEP 29 2005**

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

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	SENW	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



August 4, 2006

UTU-332.7

~~David Gerbig~~  
E. Schumaker

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  
Mon. Butte NE Federal #9-24-8-16  
Monument Butte Field, Mon. Butte NE Unit, Lease #UTU-67170  
Section 24 -Township 8S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Mon. Butte NE Federal #9-24-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Mon. Butte NE Unit.

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,

David Gerbig  
Operations Engineer

**RECEIVED**  
**SEP 05 2006**  
**DIV. OF OIL, GAS & MINING**

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**MON. BUTTE NE FEDERAL #9-24-8-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**MON. BUTTE NE UNIT**  
**LEASE #UTU-67170**  
**AUGUST 4, 2006**

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1401 17th Street, Suite 1000  
Denver, Colorado 80202

Well Name and number: Mon. Butte NE Federal #9-24-8-16  
Field or Unit name: Monument Butte (Green River), Mon. Butte NE Lease No. UTU-67170  
Well Location: QQ NE/SE section 24 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes [ X ] No [ ]  
Will the proposed well be used for: Enhanced Recovery? . . . . . Yes [ X ] No [ ]  
Disposal? . . . . . Yes [ ] No [ X ]  
Storage? . . . . . Yes [ ] No [ X ]  
Is this application for a new well to be drilled? . . . . . Yes [ ] No [ X ]  
If this application is for an existing well,  
has a casing test been performed on the well? . . . . . Yes [ ] No [ X ]  
Date of test: \_\_\_\_\_  
API number: 43-013-32359

Proposed injection interval: from 4512' to 6480'  
Proposed maximum injection: rate 500 bpd pressure 1838 psig  
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

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

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

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

Name: David Gerbig Signature *David Gerbig*  
Title: Operations Engineer Date 8-25-06  
Phone No. (303) 893-0102

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

Comments:

RECEIVED  
SEP 05 2006  
DIV. OF OIL, GAS & MINING

# 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

## Proposed Injection Wellbore Diagram

### SURFACE CASING

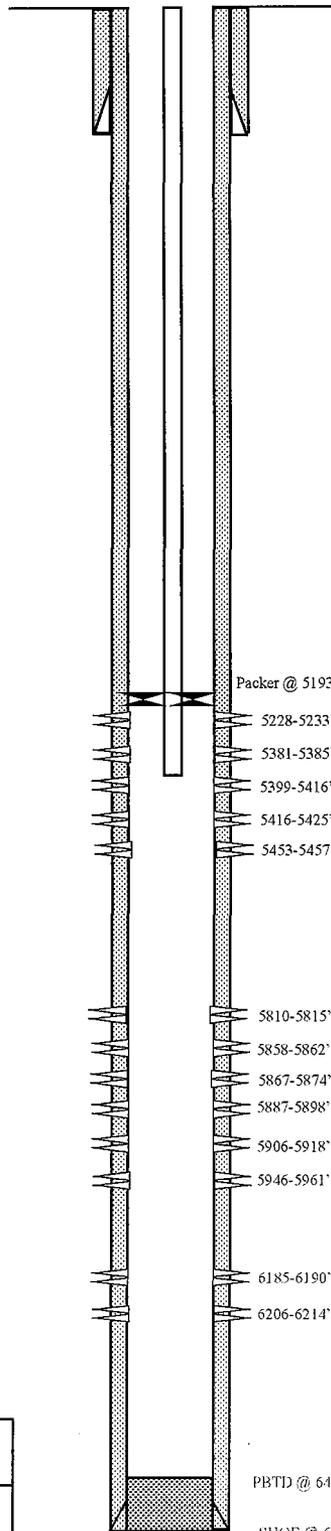
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (297.96')  
 DEPTH LANDED: 309.81' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

### 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: 198 jts (6149.35')  
 TUBING ANCHOR: 6161.35' KB  
 NO. OF JOINTS: 2 jts (62.12')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6226.27' KB  
 NO. OF JOINTS: 2 jts (62.08')  
 TOTAL STRING LENGTH: BOT @ 6289.90' 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.

### 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**

---

**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

PBTD @ 6497'  
 SHOE @ 6540'  
 TD @ 6560'

## **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, liquefied petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

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

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

See Attachment A.

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

Approval is requested to convert the Mon. Butte NE Federal #9-24-8-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Mon. Butte NE Unit.

**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 Mon. Butte NE Federal #9-24-8-16 well, the proposed injection zone is from Garden Gulch to Basal Limestone (4512' -6480'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 4512' and the Castle Peak top at 6102'.

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

The referenced log for the Mon. Butte NE Federal #9-24-8-16 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 from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a State lease (Lease #UTU-67170) in the Monument Butte (Green River) Field, Mon. Butte NE Unit, and this request is for administrative approval.

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

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
  
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

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

All logs are on file with the Utah Division of Oil, Gas and Mining.
  
  - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  
  - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  
  - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 310' GL, and 5-1/2" 15.5# J-55 casing run from surface to 6540' 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 from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District 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 1838 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 Mon. Butte NE Federal #9-24-8-16, for existing perforations (5228' - 6206') calculates at 0.78 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 1838 psig. We may add additional perforations between 4512' and 6560'. 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 Mon. Butte NE Federal #9-24-8-16, the proposed injection zone (4512' - 6480') is in the Garden Gulch to Basal limestone members 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 Field. Outside the Monument Butte 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-12.

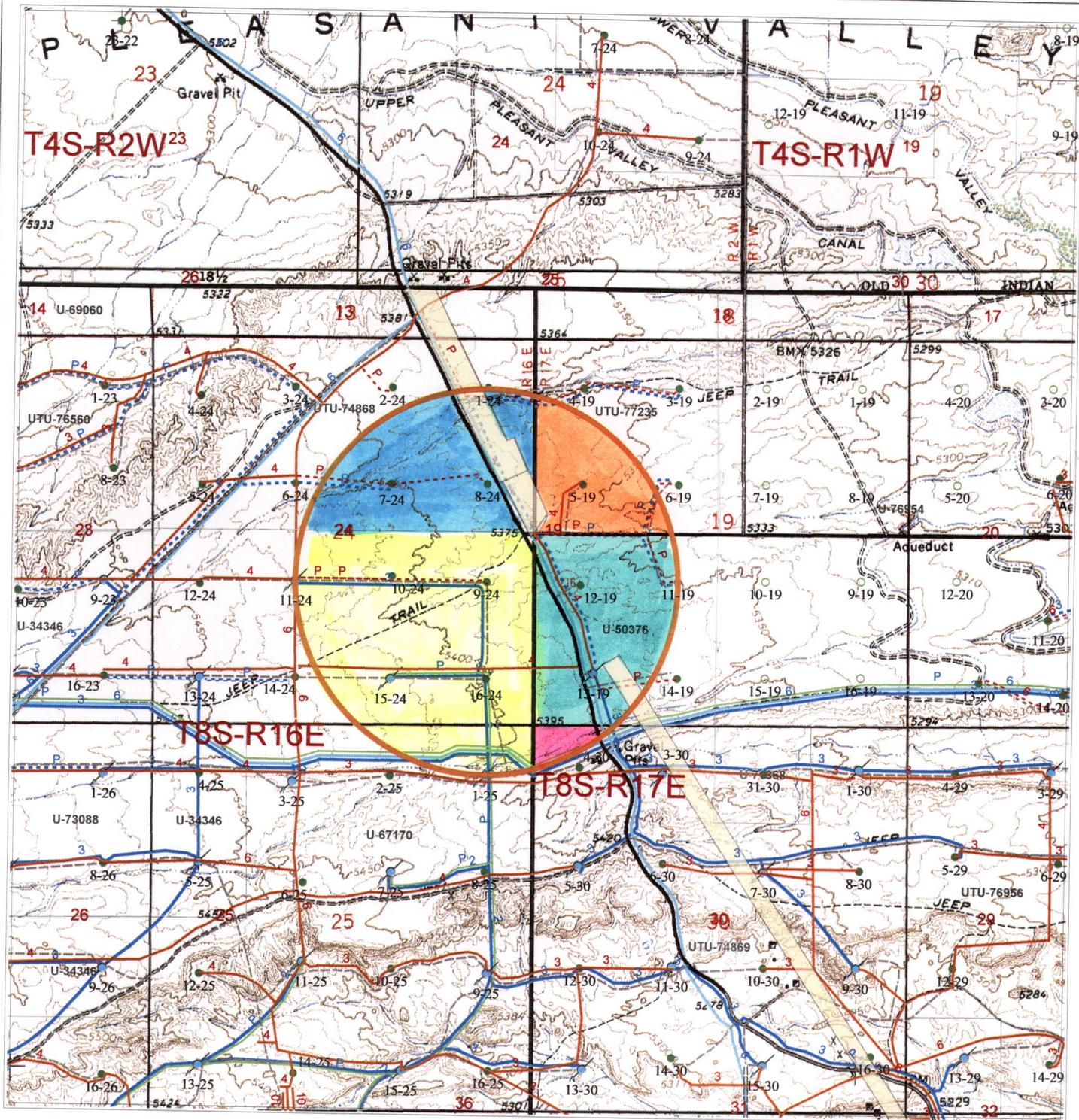
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

**Gas Pipelines**

- Gathering lines
- - - Proposed lines

**Mining tracts**

- Mining tracts
- Leases

9-24-8-16 1/2 mile radius

UTU-67170

UTU-50376

UTU-74869

UTU-74868

Attachment A  
 Mon Butte NE Federal 9-24-8-16  
 Section 24, T8S-R16E

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

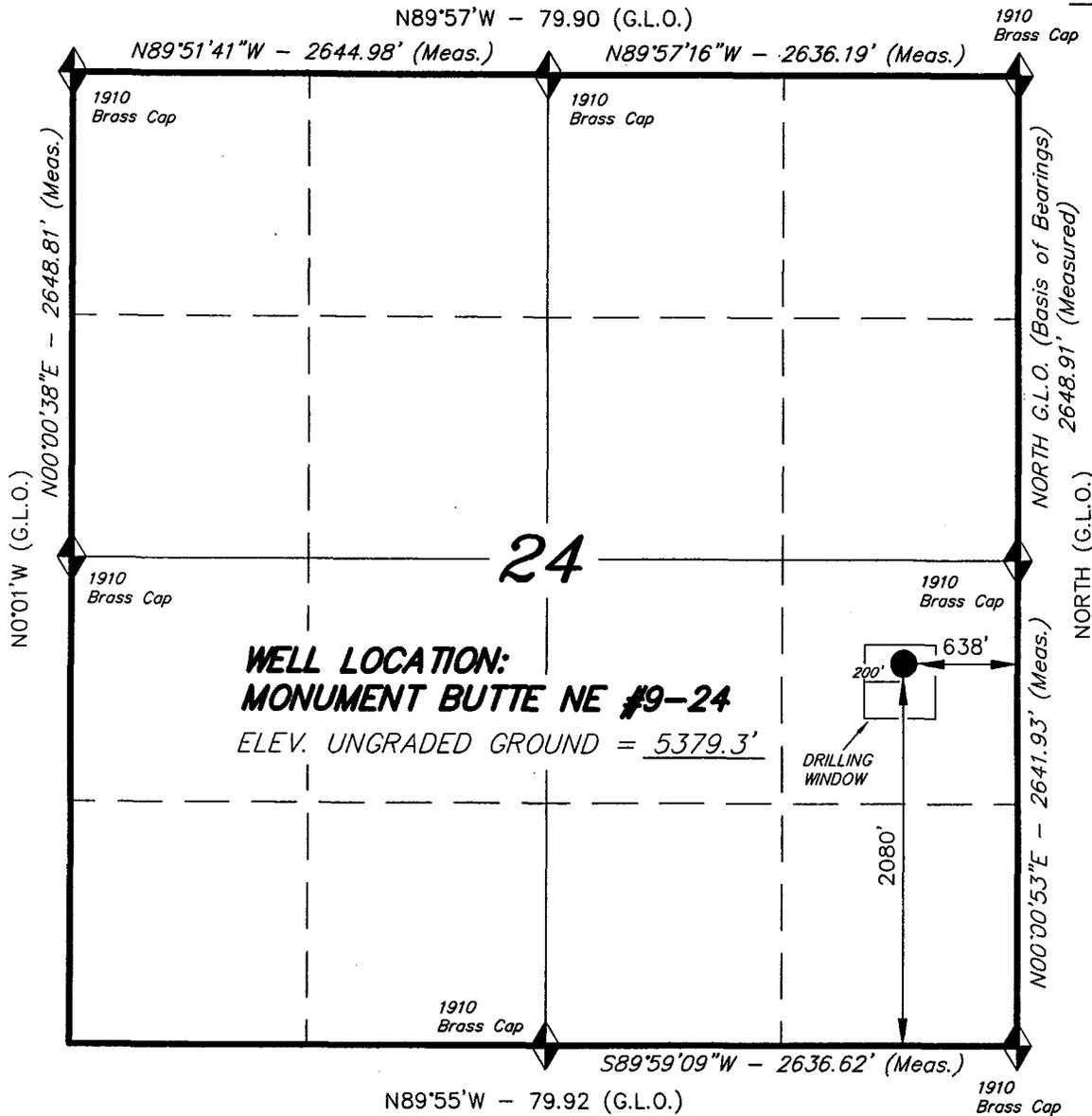
1/2 Mile Radius Map  
 Duchesne County

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

July 11, 2006

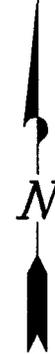
# T8S, R16E, S.L.B.&M.

INLAND PRODUCTION COMPANY



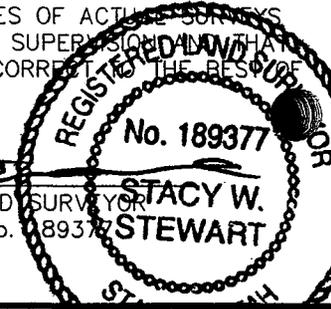
WELL LOCATION, MONUMENT BUTTE NE #9-24, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 24, T8S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

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  
 REGISTRATION No. 18937  
 STATE OF UTAH



◆ = SECTION CORNERS LOCATED

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

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

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

## EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 8 South, Range 16 East</u> Section 24: S/2 Section 25: NE/4, E/2NW/4, S/2 Section 26: S/2SE/4	UTU-67170 HBP	Newfield Production Company	(Surface Rights) USA
2	<u>Township 8 South, Range 17 East</u> Section 19: Lots 3, 4, 5, NE/4SW/4	UTU-50376 HBP	Newfield Production Company	(Surface Rights) USA
3	<u>Township 8 South, Range 17 East</u> Section 18: Lots 3, 4 Section 19: Lots 1, 2, E/2NW/4, Excluding Patent #880415	UTU-77235 HBP	Newfield Production Company	(Surface Rights) USA

## EXHIBIT B

Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
4	<u>Township 8 South, Range 16 East</u> Section 13: All (excluding Patent #813321) Section 22: NE/4 Section 23: NW/4 Section 24: N/2 (Excluding Patent # 813321 & 884015)	UTU-74868 HBP	Newfield Production Company	(Surface Rights) USA
5	<u>Township 8 South, Range 17 East</u> Section 29: Lot 1 Section 30: Lots 1-14, E/2NE/4, E/2SW/4, SW/4SE/4 Section 31: Lots 1-5, W/2E/2, SE/4NE/4, E/2W/2, NE/4SE/4	UTU-74869 HBP	Newfield Production Company	(Surface Rights) USA
6	<u>Township 8 South, Range 17 East</u> Sections 19, 30 & 31	Raven, Blackbird and Brunette Mining Claims	Wilbanks Acquisition II, LLC	

EXHIBIT B

Page 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
6	<u>Township 8 South, Range 16 East</u> Section 13: Doris #2 Claim Mineral Survey #6510 Section 24: Doris #2 Claim, Mineral Survey #6510 and Doris #1 Claim Mineral Survey #6510	Raven, Blackbird and Brunette Mining Claims	Kaiser-Francis Oil Company	
7	<u>Township 8 South, Range 16 East</u> Section 24: Doris #3 Claim Mineral Survey #6614	Ernest Pizzano Richard M. Padon Paula Felsher	Newfield Production Company	
8	<u>Township 8 South, Range 16 East</u> Section 19: Doris #3 Claim Mineral Survey #6614	Estate of Robert A. Ferron Anthony M. Tusler Martin H. Tusler Estate of Richard Ferron	Newfield Production Company  Open Open	

9-24-8-16inj

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Mon. Butte NE Federal #9-24-8-16

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: David Gerbig  
Newfield Production Company  
David Gerbig  
Operations Engineer

Sworn to and subscribed before me this 25 day of August, 2006.

Notary Public in and for the State of Colorado: Laurie Deseau

My Commission Expires: 05/05/2009

## 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

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

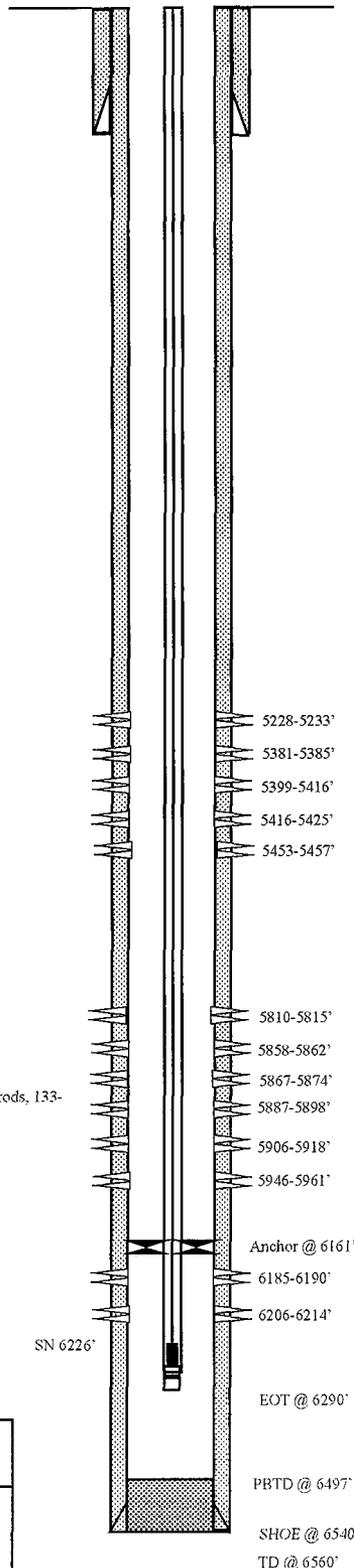
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 154 jts. (6527.04')  
 DEPTH LANDED: 6540.29' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ  
 CEMENT TOP AT: Surface

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 198 jts (6149.35')  
 TUBING ANCHOR: 6161.35' KB  
 NO. OF JOINTS: 2 jts (62.12')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6226.27' KB  
 NO. OF JOINTS: 2 jts (62.08')  
 TOTAL STRING LENGTH: EOT @ 6289.90' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-2", 4", 6", 8" X 7/8" pony rods, 99- 7/8" scraped rods, 133- 3/4" plain rods, 10- 3/4" scraped rods, 6- 1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM



### FRAC JOB

08-04-05 6185-6214' **Frac CP2 sands as follows:**  
 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' **Frac LODC sands as follows:**  
 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' **Frac C, & D3 sands as follows:**  
 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' **Frac D1 sands as follows:**  
 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.

### PERFORATION RECORD

Date	Interval	Tool	Holes
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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**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

# Fenceline 1-24-8-16

Spud Date: 3-30-05  
 Put on Production: 8-17-05  
 GL: 5377' KB: 5389'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301.56')  
 DEPTH LANDED: 313.41' 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: 157 jts. (6650.22')  
 DEPTH LANDED: 6663.47' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 375 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.  
 CEMENT TOP AT: 530'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 194 jts (6447.94')  
 TUBING ANCHOR: 6459.94' KB  
 NO. OF JOINTS: 1 jts (33.49')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6496.23' KB  
 NO. OF JOINTS: 2 jts (66.53')  
 TOTAL STRING LENGTH: EOT @ 6564.31' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-2", 1-6" x 7/8" pony rod, 99 7/8" scraped rods,  
 144-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM

**FRAC JOB**

8-12-05 6293-6382' **Frac CP1, CP2 sands as follows:**  
 60,156# 20/40 sand in 513 bbls Lightning 17  
 frac fluid. Treated @ avg press of 1420 psi  
 w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc  
 flush: 5608 gal. Actual flush: 6300 gal.

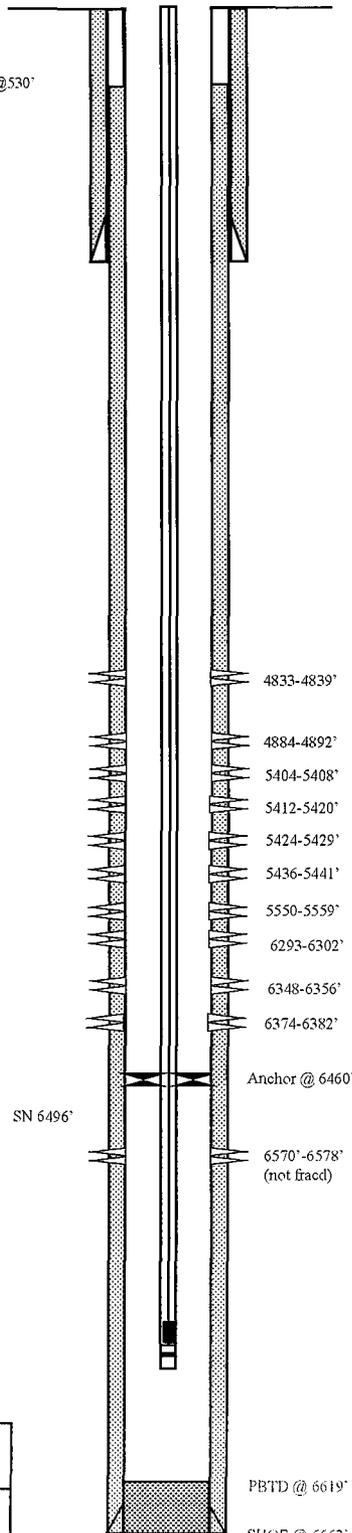
8-12-05 5550-5559' **Frac C sands as follows:**  
 14,187# 20/40 sand in 246 bbls Lightning 17  
 frac fluid. Treated @ avg press of 1997 psi  
 w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc  
 flush: 5548 gal. Actual flush: 5586 gal.

8-12-05 5404-5441' **Frac D2 sands as follows:**  
 99,679# 20/40 sand in 722 bbls Lightning 17  
 frac fluid. Treated @ avg press of 1591 psi  
 w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc  
 flush: 5402 gal. Actual flush: 5418 gal.

8-12-05 4833-4892' **Frac GB4, GB6 sands as follows:**  
 53788# 20/40 sand in 431 bbls Lightning 17  
 frac fluid. Treated @ avg. press 2019 psi  
 w/avg rate of 24.6 BPM. ISIP 3200 psi. Calc  
 flush: 4831 gal. Actual flush: 4746 gal.

**PERFORATION RECORD**

8-04-05	6570-6578'	4 JSPF	32 holes
8-12-05	6374'-6382'	4 JSPF	32 holes
8-12-05	6348-6356'	4 JSPF	32 holes
8-12-05	6293-6302'	4 JSPF	36 holes
8-12-05	5550-5559'	9 JSPF	36 holes
8-12-05	5436-5441'	4 JSPF	20 holes
8-12-05	5424-5429'	4 JSPF	20 holes
8-12-05	5412-5420'	4 JSPF	32 holes
8-12-05	5404-5408'	4 JSPF	16 holes
8-12-05	4884-4892'	4 JSPF	32 holes
8-12-05	4833-4839'	4 JSPF	24 holes



**NEWFIELD**

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**Fenceline 1-24-8-16**

660' FNL & 660' FEL

NE/NE Section 24-T8S-R16E

Duchesne Co, Utah

API #43-013-32365; Lease #UTU-74868

# Fenceline Federal 7-24-8-16

Spud Date: 11/18/04

Put on Production: 2/2/05

GL: 5402' KB: 5414'

**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: BOT @ 6373.64' W/12' KB

**SUCKER RODS**

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

SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scraped rods; 136-3/4" plain rods, 99-3/4" scraped rods, 1-8", 1-6", 1-2" x 7/8" pony rods.

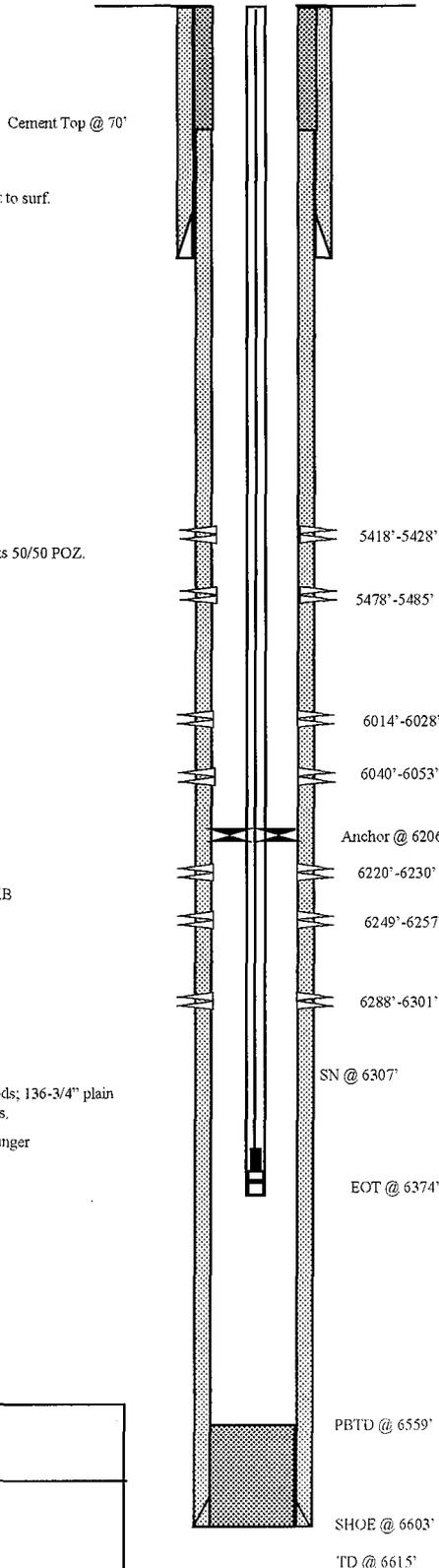
PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC pump w/ SM Plunger

STROKE LENGTH: 86"

PUMP SPEED, SPM: 6 SPM

LOGS: DIGL/SP/GR/CAL

**Wellbore Diagram**



Initial Production: 39BOPD,  
141MCFD, 10BWPD

**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.

**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**

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

# Fenceline 8-24-8-16

Spud Date: 3-10-05  
Put on Production: 4-25-05

GL: 5386' KB: 5398'

**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**

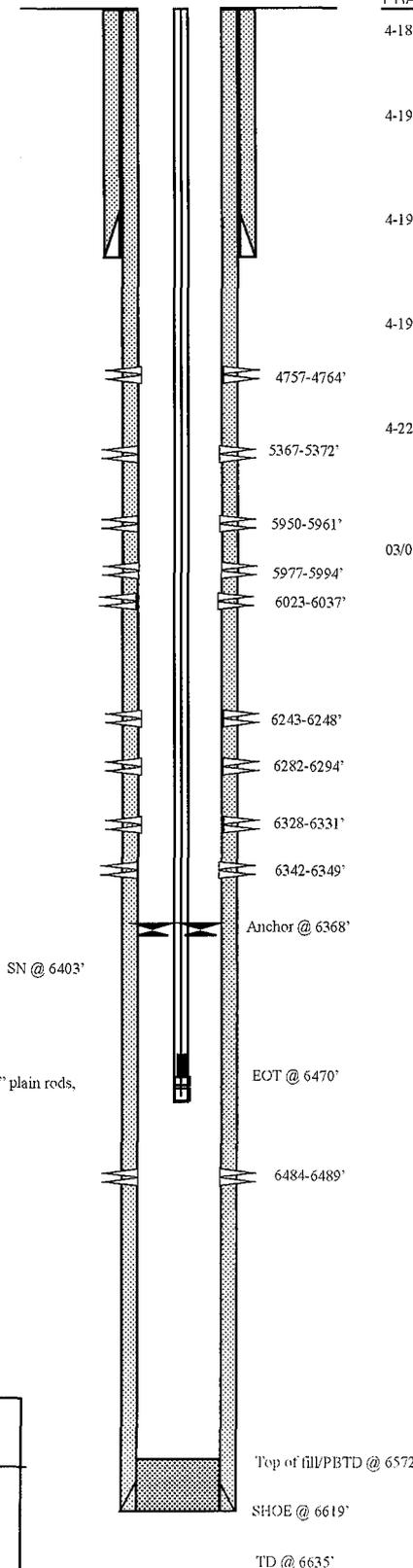
SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 195 jts (6356.02')  
TUBING ANCHOR: 6368.02' KB  
NO. OF JOINTS 2 jts (32.59')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6403.41' KB  
NO. OF JOINTS: 2 jts (65.21')  
TOTAL STRING LENGTH: EOT @ 6470' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 2', 8" x 7/8" ponies, 99- 7/8" guided rods, 140-3/4" plain rods, 10-3/4" guided rods, 6-1 1/2" K-bars.  
PUMP SIZE: 2-1/2" x 1-1/2" x 10'x14" RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, 4.5 SPM

Initial Production: 47 BOPD,  
22 MCFD, 58 BWPD

Wellbore Diagram



**FRAC JOB**

4-18-05 6484-6489' **Frac CP5 sand as follows:**  
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' **Frac LODC sand as follows:**  
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' **Frac D2, sand as follows:**  
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' **Frac GB4 sand as follows:**  
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' **Frac CP2 & CP1 sand down tubing as follows:**  
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 **Pump Change. Update rod and tubing details.**

**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

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.

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

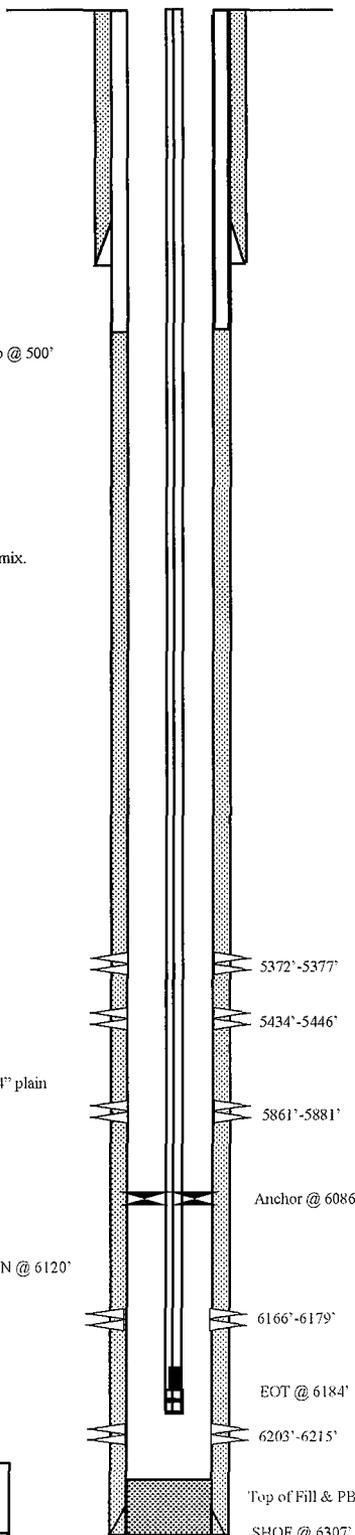
SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 195 jts (6073.70')  
 TUBING ANCHOR: 6085.57' KB  
 NO. OF JOINTS: 1 jts (31.27')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 6119.77' KB  
 NO. OF JOINTS: 2 jts (62.18')  
 TOTAL STRING LENGTH: 6183.50' w/ 12' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 2' x 7/8" pony rods, 100-7/8" scraped rods, 129-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 10" x 14" RHAC pump CDI Plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 3 SPM  
 LOGS: Open hole, CBL

Cement Top @ 500'

SN @ 6120'



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 4930'-4946' **Frac C and D3 sands as follows:**  
 78,093# of 20/40 sand in 604 bbls lightning frac 17 fluid. Treated @ avg press of 1906 w/ avg rate of 25.6 bpm. ISIP 1960 psi. Calc flush: 5370 gal. Actual flush: 5250 gal.

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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**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

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

Spud Date: 11/17/97  
 Put on Injection: 1/9/98  
 GL: 5429' KB: 5439'

Initial Production: 26 BOPD,  
 69 MCFPD, 48 BWPD

Injection Wellbore  
 Diagram

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: 6390' 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"  
 TOTAL STRING LENGTH: EOT @ 4426.19' KB  
 SN LANDED AT: 4417.79' KB

SUCKER RODS

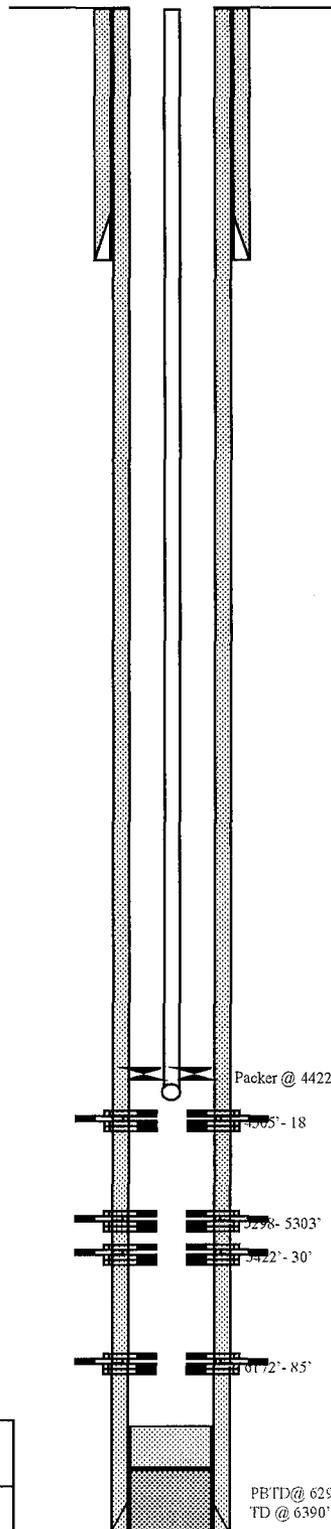
POLISHED ROD:  
 SUCKER RODS:  
 TOTAL ROD STRING LENGTH:  
 PUMP NUMBER:  
 PUMP SIZE:  
 STROKE LENGTH:  
 PUMP SPEED, SPM:  
 LOGS: DIGL/SP/GR/CAL (6399'- 303')  
 DSN/SDL/GR (6381'- 3000')

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.



PERFORATION RECORD

Date	Depth Range	Tool	Holes
12/12/97	6172'-6185'	4 JSPF	52 holes
12/14/98	5298'-5303'	4 JSPF	20 holes
12/14/97	5422'-5430'	4 JSPF	32 holes
12/17/97	4505'-4518'	4 JSPF	52 holes



**Inland Resources Inc.**

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

1992 FSL 1985 FWL  
 NSW Section 24-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31990; Lease #U-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 Pretrium cmt.

**PRODUCTION CASING**

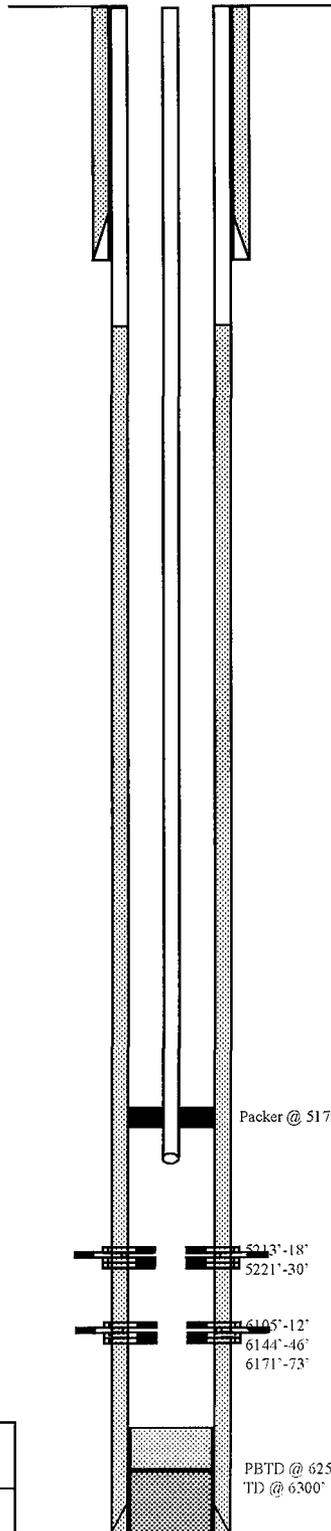
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 148 jts.(6302.63')  
DEPTH LANDED: 6300'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 330 sk Hyfill mixed & 355 sxs thixotropic  
CEMENT TOP AT: Surface per CBL

**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: ? (BOT @ 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.  
Flwoback 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**

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

Packer @ 5172.68'

5213'-18"  
5221'-30'

6105'-12"  
6144'-46"  
6171'-73'

PBTD @ 6259'  
TD @ 6300'



**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

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

Spud Date: 5/4/96

Initial Production: 76 BOPD,  
65 MCFPD, 55 BWPD

Put on Production: 6/14/96  
GL: 5399' KB: 5412'  
**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 cement, 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

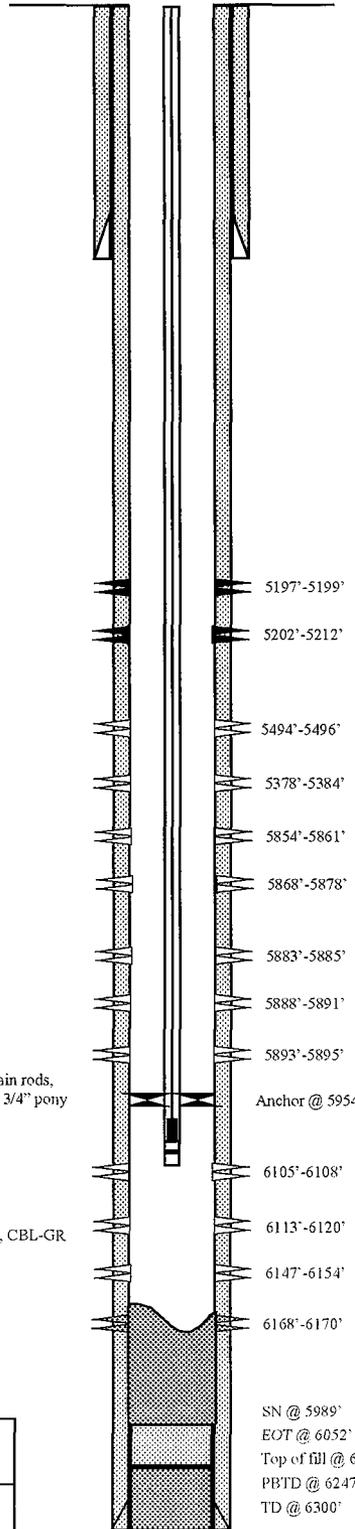
**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 108 jts. (3376.43')  
NO. OF JOINTS: 19 jts. (614.35') Grade B  
NO. OF JOINTS: 19 jts. (599.53')  
NO. OF JOINTS: 42 jts. (1350.76') Grade B  
TUBING ANCHOR: 5954.07' KB  
NO. OF JOINTS: 1 jt. (32.65')  
SN LANDED AT: 5989.52' KB  
NO. OF JOINTS: 2 jts. (61.60')  
TOTAL STRING LENGTH: EOT @ 6052.67' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished rod.  
SUCKER RODS: 6- 1 1/2" wt rods, 22- 3/4" scraper rods, 49- 3/4" plain rods, 5- 3/4" scraper rods, 60- 3/4" plain rods, 97- 3/4" scraper rods, 1- 2' x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 2" x 15' RHAC pump Axelson  
STROKE LENGTH: 72"  
PUMP SPEED, SPM: 5 SPM  
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**Wellbore Diagram**



**FRAC JOB**

6/4/96 6105'-6170' **Frac CP-2 and CP-1 sands as follows:**  
99,600# 20/40 sd in 548 bbls Boragel. Treated @ avg rate 24.4 bpm @ avg press 1700 psi. ISIP-2283.

6/6/96 5854'-5895' **Frac LODC sand as follows:**  
77,700# 20/40 sd in 467 bbls Boragel. Treated @ avg rate 14.9 bpm @ avg press 1800 psi. ISIP-2264 psi.

6/8/96 5378'-5496' **Frac C and B-1 sands as follows:**  
91,500# 20/40 sd in 514 bbls of Boragel. Treated w/avg rate 24 bpm w/avg press 1600 psi. ISIP-2264 psi.

6/11/96 5197'-5212' **Frac D-1 sand as follows:**  
92,200# of 20/40 sd in 501 bbls Boragel. Treated @ avg rate of 18.5 bpm w/avg press of 1600 psi. ISIP-1979 psi.

1/04/02 Tubing leak. Isolate water zones. Update rod and tubing details.

4/04/02 Squeeze D sands. Update rod & tubing details.

7/18/02 Tubing leak. Update rod and tubing details.

**PERFORATION RECORD**

Date	Interval	Tool	Holes
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



**Inland Resources Inc.**

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

660 FSL & 660 FEL  
SESE Section 24-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31629; Lease #U-67170

# Monument Butte Federal #1-25

Spud Date: 4/17/96

Pu

Time on Injection: 5/28/97 GL:

5398' KB: 5411'

**SURFACE CASING**

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 304'

DEPTH LANDED: 303'

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 146 jts.

DEPTH LANDED: 6246.44'

HOLE SIZE: 7-7/8"

CEMENT DATA: 275 sk Hyfill mixed & 355 sxs thixotropic

CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 7#

NO. OF JOINTS: 162 jts

PACKER :?

SEATING NIPPLE: ?)

TOTAL STRING LENGTH: ?

SN LANDED AT: ?'

**SUCKER RODS**

POLISHED ROD:

SUCKER RODS:

TOTAL ROD STRING LENGTH:

PUMP NUMBER:

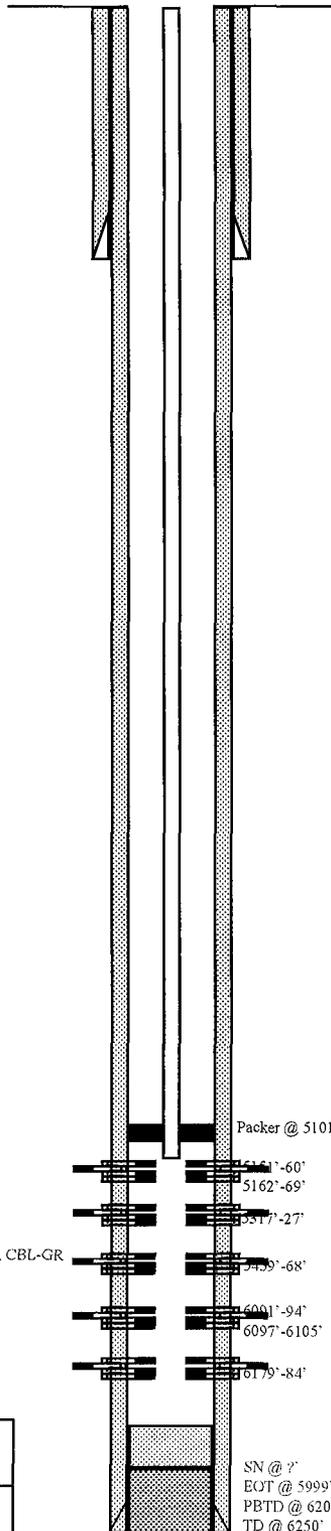
PUMP SIZE:

STROKE LENGTH:

PUMP SPEED, SPM:

LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

Injector Wellbore Diagram



Initial Production: ? BOPD, ? MCFPD, ? BWPD

**FRAC JOB**

4/30/96	6091'-6184'	<b>Frac CP-4 and CP-2 sand as follows:</b> 83,400# 20/40 sd in 523 bbls Boragel. Breakdown @ 1801 psi. ISIP 1760 psi, 5-min 1631 psi. Flowback after 5 min SI on 16/64" ck @ 1.6 bpm.
5/2/96	5459'-5468'	<b>Frac B-2 sand as follows:</b> 50,000# of 20/40 sd in 353 bbls Boragel. Breakdown @ 1008 psi. Treated @ avg rate 16.8 bpm, avg press 1450#. ISIP-2256 psi, 5-min 2042 psi. Flowback on 16/64" ck @ 1 bpm.
5/4/96	5317'-5327'	<b>Frac C sand as follows:</b> 57,400# of 20/40 sd in 383 bbls of Boragel. Frmn broke @ 1797#. Avg treating press 1450# @ 162 bpm. ISIP-1820 psi, 5-min 1698 psi. Start flowback on 16/64" ck @ 1.5 bpm.
5/7/96	5151'-5160'	<b>Frac D-1 sand as follows:</b> 56,400# of 20/40 sd in 379 bbls of Boragel. Breakdown @ 1794 psi, treat @ avg rate 18.5, avg press 1300 psi. ISIP-1843 psi, 5-min 1775 psi. Start flowback on 16/64" ck @ 1.7 bpm, flowed for 1-1/4 hours & died.

**PERFORATION RECORD**

4/25/96	6179'-6184'	4 JSPF	? holes
4/25/96	6091'-6094'	4 JSPF	? holes
4/25/96	6097'-6105'	4 JSPF	? holes
5/1/96	5459'-5468'	4 JSPF	36 holes
5/3/96	5317'-5327'	4 JSPF	40 holes
5/6/96	5151'-5160'	4 JSPF	36 holes
5/6/96	5162'-5169'	4 JSPF	28 holes

**Inland Resources Inc.**

**Monument Butte Federal #1-25**

660 FNL 660 FEL  
NENE Section 25-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31608; Lease #U-67170

# Fence Line Federal 5-19-8-17

Spud Date: 4/14/04  
Put on Production: 5/14/04

Initial Production: 28 BOPD,  
42 MCFD, 6 BWPD

GL: 5357' KB: 5369'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (305.19')  
DEPTH LANDED: 315.19' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt, est 2.6 bbls cmt to pit.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 151 jts. (6627.43')  
DEPTH LANDED: 6625.43' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 450 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
CEMENT TOP AT: surface

**TUBING**

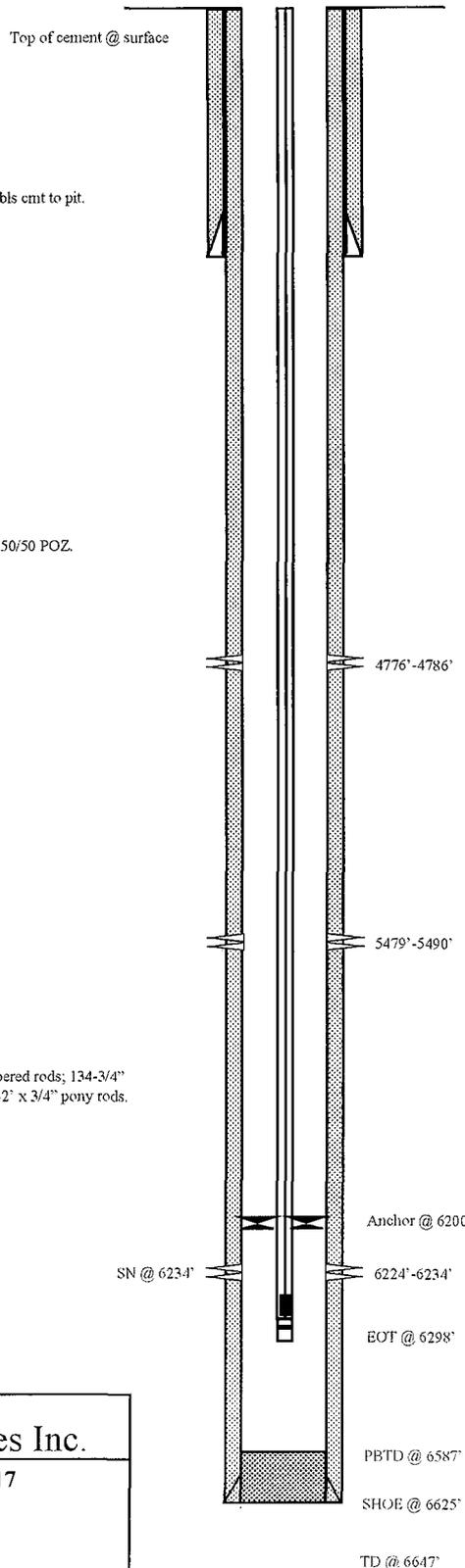
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 196 jts (6187.29')  
TUBING ANCHOR: 6199.79' KB  
NO. OF JOINTS: 1 jt (31.10')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6233.69' KB  
NO. OF JOINTS: 2 jts (62.32')  
TOTAL STRING LENGTH: EOT @ 6297.56' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 6 1-1/2" weight bars; 10-3/4" scraped rods; 134-3/4" plain rods; 98-3/4" scraped rods; 1-8", 1-6", 1-4", 1-2" x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15.5' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 6 SPM  
LOGS: DIGL/SP/GR/CAL

**FRAC JOB**

5/11/04	6224'-6234'	<b>Frac CP2 sands as follows:</b> 41,024# 20/40 sand in 413 bbls Lightning 17 frac fluid. Treated @ avg press of 1614 psi w/avg rate of 2.5 BPM. ISIP 1940 psi. Calc flush: 6222 gal. Actual flush: 6216 gal.
5/11/04	5479'-5490'	<b>Frac C sands as follows:</b> 61,702# 20/40 sand in 491 bbls Lightning 17 frac fluid. Treated @ avg press of 1950 psi w/avg rate of 2.5 BPM. ISIP 2430 psi. Calc flush: 5477 gal. Actual flush: 5460 gal.
5/11/04	4776'-4786'	<b>Frac GB4 sands as follows:</b> 29,728# 20/40 sand in 305 bbls Lightning 17 frac fluid. Treated @ avg press of 2309 psi w/avg rate of 2.3 BPM. ISIP 2193 psi. Calc flush: 4774 gal. Actual flush: 4746 gal.



**PERFORATION RECORD**

5/6/04	6224'-6234'	4 JSPF	40 holes
5/11/04	5479'-5490'	4 JSPF	44 holes
5/11/04	4776'-6234'	4 JSPF	40 holes

**Inland Resources Inc.**

**Fence Line Federal 5-19-8-17**

1980' FNL & 660' FWL

SWNW Section 19-T8S-R17E

Duchesne County, Utah

API #43-013-32372; Lease #UTU-77235

# Sand Wash Federal 11-19-8-17

Spud Date: 1-13-05  
 Put on Production: 12-05-05  
 GL: 5350' KB: 5362'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.20')  
 DEPTH LANDED: 314.05' 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: 156 jts. (6556.89')  
 DEPTH LANDED: 6570.14' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.  
 CEMENT TOP AT: 160'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 195 jts (6323.45')  
 TUBING ANCHOR: 6335.45' KB  
 NO. OF JOINTS: 1 jts (32.52')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6370.77' KB  
 NO. OF JOINTS: 2 jts (65.04')  
 TOTAL STRING LENGTH: BOT @ 6437.36' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-8", 1-4" & 1-2" X 7/8" pony rods, 100- 7/8" scraped rods, 138- 3/4" plain rods, 10- 3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4 SPM

**FRAC JOB**

11-29-05 6480-6488' **Frac CP5 sands as follows:**  
 13601# 20/40 sand in 288 bbls Lightning 17 frac fluid. Treated @ avg press of 3066 psi w/avg rate of 22 BPM. ISIP 2650 psi. Calc flush: 6478 gal. Actual flush: 6258 gal.

11-29-05 6186-6202' **Frac CP1 sands as follows:**  
 13639# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 1859 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 6184 gal. Actual flush: 5960 gal.

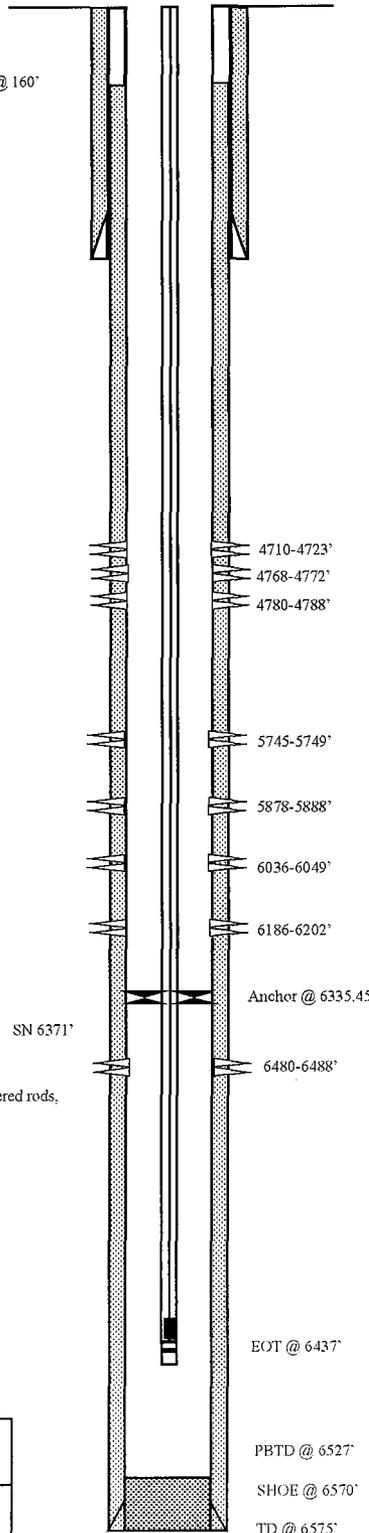
11-29-05 6036-6049' **Frac LODC sands as follows:**  
 49287# 20/40 sand in 523 bbls Lightning 17 frac fluid. Treated @ avg press of 2735 psi w/avg rate of 24 BPM. ISIP 3400 psi. Calc flush: 6034 gal. Actual flush: 5796 gal.

11-30-05 5878-5888' **Frac LODC sands as follows:**  
 59611# 20/40 sand in 508 bbls Lightning 17 frac fluid. Treated @ avg press of 1592 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 5876 gal. Actual flush: 5628 gal.

11-30-05 4710-4788' **Frac GB4, & GB6 sands as follows:**  
 109187# 20/40 sand in 755 bbls Lightning 17 frac fluid. Treated @ avg press of 1677 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 4710 gal. Actual flush: 4620 gal.

**PERFORATION RECORD**

11-18-05	6480-6488'	4 JSPF	32 holes
11-29-05	6186-6202'	4 JSPF	64 holes
11-29-05	6036-6049'	4 JSPF	52 holes
11-29-05	5878-5888'	4 JSPF	40 holes
11-30-05	5745-5749'	4 JSPF	16 holes
11-30-05	4780-4788'	4 JSPF	32 holes
11-30-05	4768-4772'	4 JSPF	16 holes
11-30-05	4710-4723'	4 JSPF	52 holes



**NEWFIELD**

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**Sand Wash Federal 11-19-8-17**

1974' FSL & 1931' FWL

NE/SW Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32374; Lease #UTU-50376

# Sand Wash Federal 12-19-8-17

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

Initial Production: BOPD,  
MCFD, BWPD

GL: 5373' KB: 5385'

Wellbore Diagram

**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**

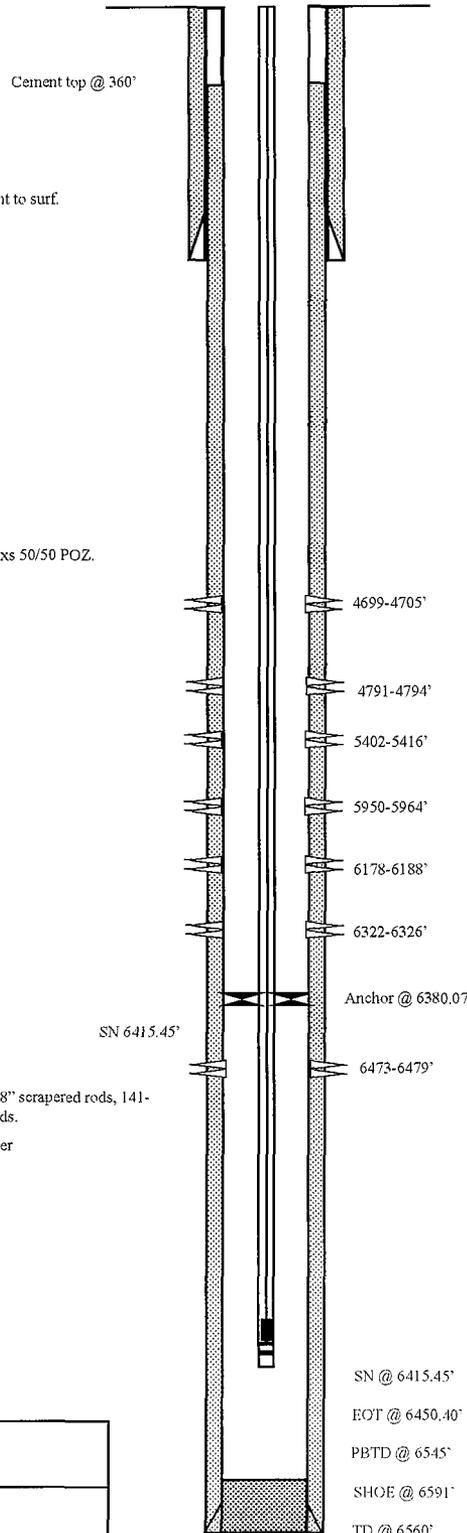
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 150 jts. (6577.73')  
DEPTH LANDED: 6590.98' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 400 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.  
CEMENT TOP AT: 360'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 198 jts (6368.07')  
TUBING ANCHOR: 6380.07' KB  
NO. OF JOINTS: 1 jts (32.58')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6415.45' KB  
NO. OF JOINTS: 1 jts (33.40')  
TOTAL STRING LENGTH: EOT @ 6450.40' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-4" & 1-2" X 7/8" pony rods, 99- 7/8" scraped rods, 141- 3/4" plain rods, 10- 3/4" scraped rods, 6- 1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM



**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.

**PERFORATION RECORD**

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

# Boundary Federal #13-19

Surf Spud Date: 5/6/96 Rotary: 5/23/97  
 Put on Injection: --/--/--  
 GL: 5379' KB: 5392'

Initial Production: N/A

Injection Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (287.64')  
 DEPTH LANDED: 285.69'(GL)  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 5 bbls cmt to surf.

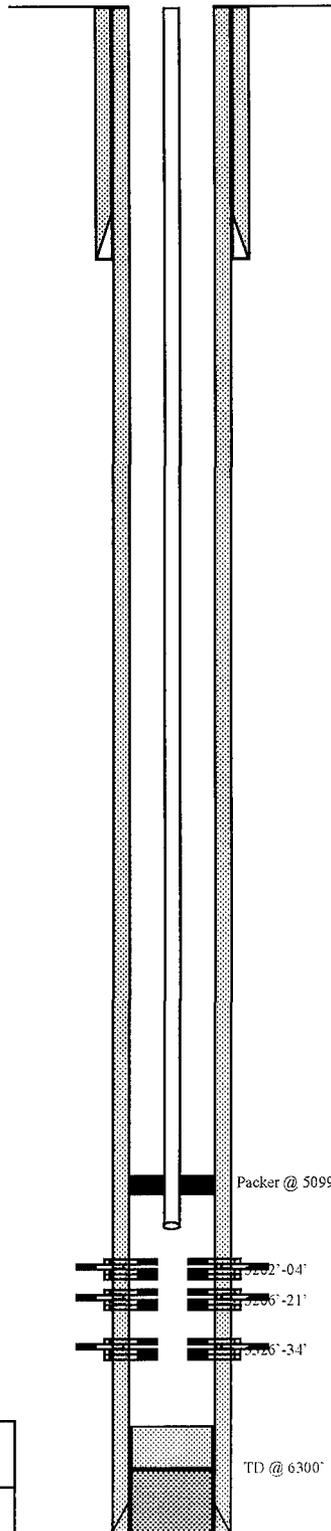
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 149 jts. (6262.16')  
 DEPTH LANDED: 6300.38'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 490 sk Hibond mixed & 400 sxs Thixotropic  
 CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 167 jts  
 TUBING ANCHOR: N/A  
 TOTAL STRING LENGTH: EOT @ 5102'  
 SN LANDED AT: 5095'

**SUCKER RODS**



**FRAC JOB**

3/23/97 5202'-5334' **Frac D sand as follows:**  
 379 Frac D sds w/56,300# 20/40 sd in  
 1942 bbls Delta Frac. Perfs broke dn @  
 psi. Treated @ ave press of 1440 psi  
 w/ave rate of 28.2 BPM. ISIP: 1823  
 5 min: 1687 psi. Flowback on 12/64  
 choke for 1 hr & died.

**PERFORATION RECORD**

3/21/97	5202'-5204'	4 JSPF	8 holes
3/21/97	5206'-5221'	4 JSPF	60 holes
3/21/97	5226'-5334'	4 JSPF	32 holes



**Inland Resources Inc.**  
 Boundary Federal #13-19  
 742 FSL 823 FWL  
 SWSW Section 19-T8S-R17E  
 Duchesne Co, Utah  
 API #43-013-31625; Lease #U-50376

Attachment F  
1 of 6

Analytical Laboratory Report for:



Chemical Services

NEWFIELD PRODUCTION COMPANY

Account Representative:  
Arnold, Joe

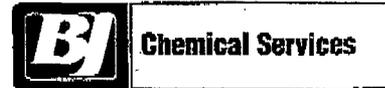
## Production Water Analysis

Listed below please find water analysis report from: Johnson Water Line, JOHNSON STATION #2  
CHARGE PUMPLab Test No: 2006400226      Sample Date: 01/17/2006  
Specific Gravity: 1.001TDS: 357  
pH: 7.80

Cations:	mg/L	as:
Calcium	80.00	(Ca <sup>++</sup> )
Magnesium	24.00	(Mg <sup>++</sup> )
Sodium	0	(Na <sup>+</sup> )
Iron	1.10	(Fe <sup>++</sup> )
Manganese	0.00	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	122	(HCO <sub>3</sub> <sup>-</sup> )
Sulfate	95	(SO <sub>4</sub> <sup>=</sup> )
Chloride	35	(Cl <sup>-</sup> )
Gases:		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide	0	(H <sub>2</sub> S)

**NEWFIELD PRODUCTION COMPANY**      **Lab Test No: 2006400226**

**DownHole SAT™ Scale Prediction**  
**@ 60 deg. F**



Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO <sub>3</sub> )	1.01	.00108
Aragonite (CaCO <sub>3</sub> )	.876	-.0303
Witherite (BaCO <sub>3</sub> )	0	-4.93
Strontianite (SrCO <sub>3</sub> )	0	-1.54
Magnesite (MgCO <sub>3</sub> )	.202	-.693
Anhydrite (CaSO <sub>4</sub> )	.0236	-.314
Gypsum (CaSO <sub>4</sub> *2H <sub>2</sub> O)	.0481	-228.43
Barite (BaSO <sub>4</sub> )	0	-.0267
Celestite (SrSO <sub>4</sub> )	0	-44.65
Silica (SiO <sub>2</sub> )	0	-32.86
Brucite (Mg(OH) <sub>2</sub> )	< 0.001	-1.05
Magnesium silicate	0	-62.42
Siderite (FeCO <sub>3</sub> )	13.52	.215
Halite (NaCl)	0	-136333
Thenardite (Na <sub>2</sub> SO <sub>4</sub> )	0	-33648
Iron sulfide (FeS)	0	-.0114

**Interpretation of DHSat Results:**

The **Saturation Index** is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The **Momentary excess** is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The **Momentary Excess** represents the amount of scale possible while the **Saturation Level** represents the probability that scale will form.

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<p><b>Analytical Laboratory Report for:</b> <b>NEWFIELD PRODUCTION COMPANY</b></p>	 <p><b>Chemical Services</b> Account Representative: Roosevelt Sales</p>
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## Production Water Analysis

Listed below please find water analysis report from: **RUN A, MONUMENT BUTTE 9-24-16 TREATER**

Lab Test No: 2006401897      Sample Date: 07/03/2006  
 Specific Gravity: 1.001

TDS: 380  
 pH: 8.10

Cations:	mg/L	as:
Calcium	16.00	(Ca <sup>++</sup> )
Magnesium	14.00	(Mg <sup>++</sup> )
Sodium	69	(Na <sup>+</sup> )
Iron	1.80	(Fe <sup>++</sup> )
Manganese	0.30	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	244	(HCO <sub>3</sub> <sup>-</sup> )
Sulfate	0	(SO <sub>4</sub> <sup>=</sup> )
Chloride	35	(Cl)
Gases:		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide	0	(H <sub>2</sub> S)

4 of 6

NEWFIELD PRODUCTION  
COMPANY

Lab Test No: 2006401897

DownHole SAT™ Scale Prediction  
@ 130 deg. F

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO3)	2.85	.957
Aragonite (CaCO3)	2.37	.844
Witherite (BaCO3)	0	-3.51
Strontianite (SrCO3)	0	-1.21
Magnesite (MgCO3)	3.04	.848
Anhydrite (CaSO4)	0	-326.03
Gypsum (CaSO4*2H2O)	0	-320.03
Barite (BaSO4)	0	-2.38
Celestite (SrSO4)	0	-55.82
Silica (SiO2)	0	-82.33
Brucite (Mg(OH)2)	.00457	-1.37
Magnesium silicate	0	-86.52
Siderite (FeCO3)	219.63	.316
Halite (NaCl)	< 0.001	-147790
Thenardite (Na2SO4)	0	-31445
Iron sulfide (FeS)	0	-.00752

**Interpretation of DHSat Results:**

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

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DownHole SAT(tm)  
MIXED WATER CHEMISTRY

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5 of 6

1) Johnson Water

2) Mon butte 9-24-8-16

Report Date: 07-11-2006

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CATIONS		ANIONS	
Calcium (as Ca)	120.00	Chloride (as Cl)	255.33
Magnesium (as Mg)	78.50	Sulfate (as SO4)	47.50
Barium (as Ba)	0.00	Dissolved CO2 (as CO2)	8.23
Strontium (as Sr)	0.00	Bicarbonate (as HCO3)	327.10
Sodium (as Na)	34.50	Carbonate (as CO3)	15.47
Iron (as Fe)	1.45	H2S (as H2S)	0.00
Manganese (as Mn)	0.150		

## PARAMETERS

pH	7.95
Temperature (°F)	130.00
Density(g/mL)	1.00
Pressure(atm)	1.00
Calculated T.D.S.	888.84
Molar Conductivity	1211

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BJ Chemical Services  
Roosevelt, Utah

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6 of 6

DownHole SAT(tm)  
MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Johnson Water

2) Mon butte 9-24-~~8~~-16

Report Date: 07-11-2006

## SATURATION LEVEL

Calcite (CaCO3)	14.97
Aragonite (CaCO3)	12.44
Witherite (BaCO3)	0.00
Strontianite (SrCO3)	0.00
Magnesite (MgCO3)	11.72
Anhydrite (CaSO4)	0.0205
Gypsum (CaSO4*2H2O)	0.0181
Barite (BaSO4)	0.00
Magnesium silicate	0.00
Iron hydroxide (Fe(OH)3)	10332
Iron sulfide (FeS)	0.00

## MOMENTARY EXCESS (Lbs/1000 Barrels)

Calcite (CaCO3)	1.50
Aragonite (CaCO3)	1.48
Witherite (BaCO3)	-4.49
Strontianite (SrCO3)	-1.59
Magnesite (MgCO3)	1.24
Anhydrite (CaSO4)	-232.53
Gypsum (CaSO4*2H2O)	-284.62
Barite (BaSO4)	-0.324
Magnesium silicate	-93.68
Iron hydroxide (Fe(OH)3)	< 0.001
Iron sulfide (FeS)	-0.00545

## SIMPLE INDICES

Langelier	1.34
Stiff Davis Index	1.32

## BOUND IONS

	TOTAL	FREE
Calcium	120.00	100.10
Barium	0.00	0.00
Carbonate	15.47	2.78
Phosphate	0.00	0.00
Sulfate	47.50	30.49

## OPERATING CONDITIONS

Temperature (°F)	130.00
Time (mins)	3.00

BJ Chemical Services  
Roosevelt, Utah

**Attachment "G"**

**Mon. Butte NE Federal #9-24-8-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
6185	6214	6200	2100	0.77	2087
5810	5961	5886	2500	0.86	2487
5381	5457	5419	1850	0.78	1838 ←
5228	5233	5231	2800	0.97	2789
				<b>Minimum</b>	<u><u>1838</u></u>

Calculation of Maximum Surface Injection Pressure  
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.005.

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

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

**DAILY COMPLETION REPORT**

**WELL NAME:** MBNE 9-24-8-16      **Report Date:** 8-5-05      **Day:** 2a  
**Operation:** Completion      **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8 5/8 @ 309'      **Prod Csg:** 5 1/2" @ 6540'      **Csg PBTD:** 6448' WL  
**Tbg:** Size:      Wt:      **Grd:**      **Pkr/EOT @:**      **BP/Sand PBTD:**

**PERFORATION RECORD**

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
			CP2	6185- 6190'	4/20
			CP2	6206- 6214'	4/32

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 04-Aug-05      **SITP:**      **SICP:** 20

Day2a.

RU BJ Services "Ram Head" frac flange. RU BJ & frac CP2 sds, stage #1 down casing w/ 40,274#'s of 20/40 sand in 407 bbls of Lightning 17 frac fluid. Open well w/ 20 psi on casing. Perfs broke down @ 2585 psi, back to 2230 psi. Treated @ ave pressure of 1719 w/ ave rate of 24.7 bpm w/ up to 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2100. 561 bbls EWTR. Leave pressure on well. **See day2b.**

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 154      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 407      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 561      **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 sds down casing

**COSTS**

Weatherford BOP	\$35
Weatherford Services	\$700
Betts frac water	\$352
NP fuel gas	\$100
BJ Services CP2 sds	\$18,935
NPC Supervisor	\$75

3192 gals of pad  
2500 gals w/ 1-5 ppg of 20/40 sand  
5228 gals w/ 5-8 ppg of 20/40 sand  
Flush w/ 6174 gals of slick water

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

**Max TP:** 1960      **Max Rate:** 24.7      **Total fluid pmpd:** 407 bbls  
**Avg TP:** 1719      **Avg Rate:** 24.7      **Total Prop pmpd:** 40,274#'s  
**ISIP:** 2100      **5 min:**      **10 min:**      **15 min:** .77

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$20,197  
**TOTAL WELL COST:** \$301,506

**DAILY COMPLETION REPORT**

**WELL NAME:** MBNE 9-24-8-16      **Report Date:** 8-5-05      **Day:** 2b  
**Operation:** Completion      **Rig:** Rigless

**WELL STATUS**

**Surf Csg:** 8 5/8 @ 309'      **Prod Csg:** 5 1/2" @ 6540'      **Csg PBTD:** 6448' WL  
**Tbg:** Size:      **Wt:**      **Grd:**      **Pkr/EOT @:**      **BP/Sand PBTD:** 6060'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5867-5874'	4/28
			LODC sds	5887-5898'	4/44
			LODC sds	5906-5918'	4/48
			LODC sds	5946-5961'	4/60
			CP2 sds	6185-6190'	4/20
LODC sds	5810-5815'	4/20	CP2 sds	6206-6214'	4/32
LODC sds	5858-5862'	4/16			

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 04-Aug-05      **SITP:**      **SICP:** 1537

Day2b.  
 RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" composite flow through frac plug & 15' perf gun. Set plug @ 6060'. Perforate LODC sds @ 5946-61', 5906-18', 5887-98', 5867-74', 5858-62', 5810-15' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 216 shots. RU BJ & frac stage #2 w/ 200,478#'s of 20/40 sand in 1344 bbls of Lightning 17 frac fluid. Open well w/ 1537 psi on casing. Perfs broke down @ 3537 psi, back to 2773 psi. Treated @ ave pressure of 2084 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2500. 1905 bbls EWTR. Leave pressure on well. **See day2c.**

**FLUID RECOVERY (BBLs)**

**Starting fluid load to be recovered:** 561      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 1344      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1905      **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  
 15288 gals of pad  
 10500 gals w/ 1-5 ppg of 20/40 sand  
 21000 gals w/ 5-8 ppg of 20/40 sand  
 3822 gals w/ 8 ppg of 20/40 sand  
 Flush w/ 5838 gals of slick water

**COSTS**

Weatherford BOP	\$35
Weatherford Services	\$2,200
Betts frac water	\$1,790
NP fuel gas	\$505
BJ Services LODCsds	\$37,579
NPC Supervisor	\$75
Lone Wolf LODC sds	\$5,693

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

**Max TP:** 2328      **Max Rate:** 25.1      **Total fluid pmpd:** 1344 bbls  
**Avg TP:** 2084      **Avg Rate:** 24.8      **Total Prop pmpd:** 200,478#'s  
**ISIP:** 2500      **5 min:**      **10 min:**      **15 min:** .86

**Completion Supervisor:** Ron Shuck      **DAILY COST:** \$47,877  
**TOTAL WELL COST:** \$349,383



## DAILY COMPLETION REPORT

**WELL NAME:** MBNE 9-24-8-16      **Report Date:** 8-5-05      **Day:** 2c  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8 5/8 @ 309'      **Prod Csg:** 5 1/2" @ 6540'      **Csg PBDT:** 6448' WL  
**Tbg:** Size:      **Wt:**      **Grd:**      **Pkr/EOT @:**      **BP/Sand PBDT:** 5562'  
**Plug** 6060'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D3 sds	5381-5385'	4/16	LODC sds	5867-5874'	4/28
C sds	5399-5416'	4/52	LODC sds	5887-5898'	4/44
C sds	5416-5425'	4/36	LODC sds	5906-5918'	4/48
C sds	5453-5457'	4/16	LODC sds	5946-5961'	4/60
LODC sds	5810-5815'	4/20	CP2 sds	6185-6190'	4/20
LODC sds	5858-5862'	4/16	CP2 sds	6206-6214'	4/32

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 04-Aug-05      **SITP:**      **SICP:** 2064

Day2c.

RU WLT. RIH w/ frac plug & 4', 9' perf guns. Set plug @ 5562'. Perforate C sds @ 5453-57', 5416-25', 5399-5412' & D3 sds @ 5381-5385' w/ 4 spf for total of 120 shots. RU BJ & frac stage #3 w/ 95,275#'s of 20/40 sand in 702 bbls of Lightning 17 frac fluid. Open well w/ 2064 psi on casing. Perfs broke down @ 2911 psi, back to 2200 psi. Treated @ ave pressure of 1437 w/ ave rate of 25 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 1850. 2607 bbls EWTR. Leave pressure on well. See day2d.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1905      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 702      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2607      **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:** C & D3 sds down casing

7182 gals of pad  
 4944 gals w/ 1-5 ppg of 20/40 sand  
 9872 gals w/ 5-8 ppg of 20/40 sand  
 2068 gals w/ 8 ppg of 20/40 sand  
 Flush w/ 5418 gals of slick water

### COSTS

Weatherford BOP	\$35
Weatherford Services	\$2,200
Betts frac water	\$865
NP fuel gas	\$245
BJ Services C&D3sds	\$20,297
NPC Supervisor	\$75
Lone Wolf C&D3 sds	\$5,693

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

**Max TP:** 1685      **Max Rate:** 25.3      **Total fluid pmpd:** 702 bbls  
**Avg TP:** 1437      **Avg Rate:** 25      **Total Prop pmpd:** 95,275#'s  
**ISIP:** 1850      5 min:      10 min:      15 min: .78

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$29,410  
**TOTAL WELL COST:** \$378,793

# NEWFIELD



424

## DAILY COMPLETION REPORT

**WELL NAME:** MBNE 9-24-8-16      **Report Date:** 8-5-05      **Day:** 2d  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8 5/8 @ 309'      **Prod Csg:** 5 1/2" @ 6540'      **Csg PBDT:** 6448' WL  
**Tbg:** Size:      Wt:      **Grd:**      **Pkr/EOT @:**      **BP/Sand PBDT:** 5330'  
**Plug** 6060' 5562'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	5228-5233'	4/20	LODC sds	5867-5874'	4/28
D3 sds	5381-5385'	4/16	LODC sds	5887-5898'	4/44
C sds	5399-5416'	4/52	LODC sds	5906-5918'	4/48
C sds	5416-5425'	4/36	LODC sds	5946-5961'	4/60
C sds	5453-5457'	4/16	CP2 sds	6185-6190'	4/20
LODC sds	5810-5815'	4/20	CP2 sds	6206-6214'	4/32
LODC sds	5858-5862'	4/16			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 04-Aug-05      **SITP:**      **SICP:** 1666

Day2d.

RU WLT. RIH w/ frac plug & 5' perf guns. Set plug @ 5330'. Perforate D1 sds @ 5228-5233' w/ 4 spf for total of 20 shots. RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL on perfs. RU BJ & frac stage #4 w/ 22,606#'s of 20/40 sand in 307 bbls of Lightning 17 frac fluid. Open well w/ 1666 psi on casing. Perfs broke down @ 2910 psi, back to 2020 psi. Treated @ ave pressure of 1950 w/ ave rate of 25.2 bpm w/ up to 8 ppg of sand. ISIP was 2800. 2914 bbls EWTR. RD BJ & WLT. Flow well back @ 2200 psi. Well flowed for 7 hours & died w/ 450 bbls rec'd. SIFN.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 2914      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 450      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 2464      **Cum oil recovered:** \_\_\_\_\_  
**IFL:**      **FFL:**      **FTP:**      **Choke:**      **Final Fluid Rate:**      **Final oil cut:**

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** D1 sds down casing  
 \_\_\_\_\_  
 3360 gals of pad  
 1250 gals w/ 1-5 ppg of 20/40 sand  
 3118 gals w/ 5-8 ppg of 20/40 sand  
 Flush w/ 5166 gals of slick water

### COSTS

Weatherford BOP	\$35
Weatherford Services	\$2,200
Betts frac water	\$190
NP fuel gas	\$55
BJ Services D1 sds	\$7,553
NPC Supervisor	\$75
Lone Wolf D1 sds	\$5,693
Betts water transfer	\$500
Flow back hand	\$120

**Max TP:** 2249      **Max Rate:** 25.3      **Total fluid pmpd:** 307 bbls  
**Avg TP:** 1950      **Avg Rate:** 25.2      **Total Prop pmpd:** 2,606#'s  
**ISIP:** 2800      **5 min:** 10 min: 15 min: .97

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$16,421  
**TOTAL WELL COST:** \$395,214

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 5133'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class G cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. Plug #3 Pump 42 sx Class G cement down 5-1/2" casing to 360'.

The approximate cost to plug and abandon this well is \$33,025.

Federal 9-24-8-16

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

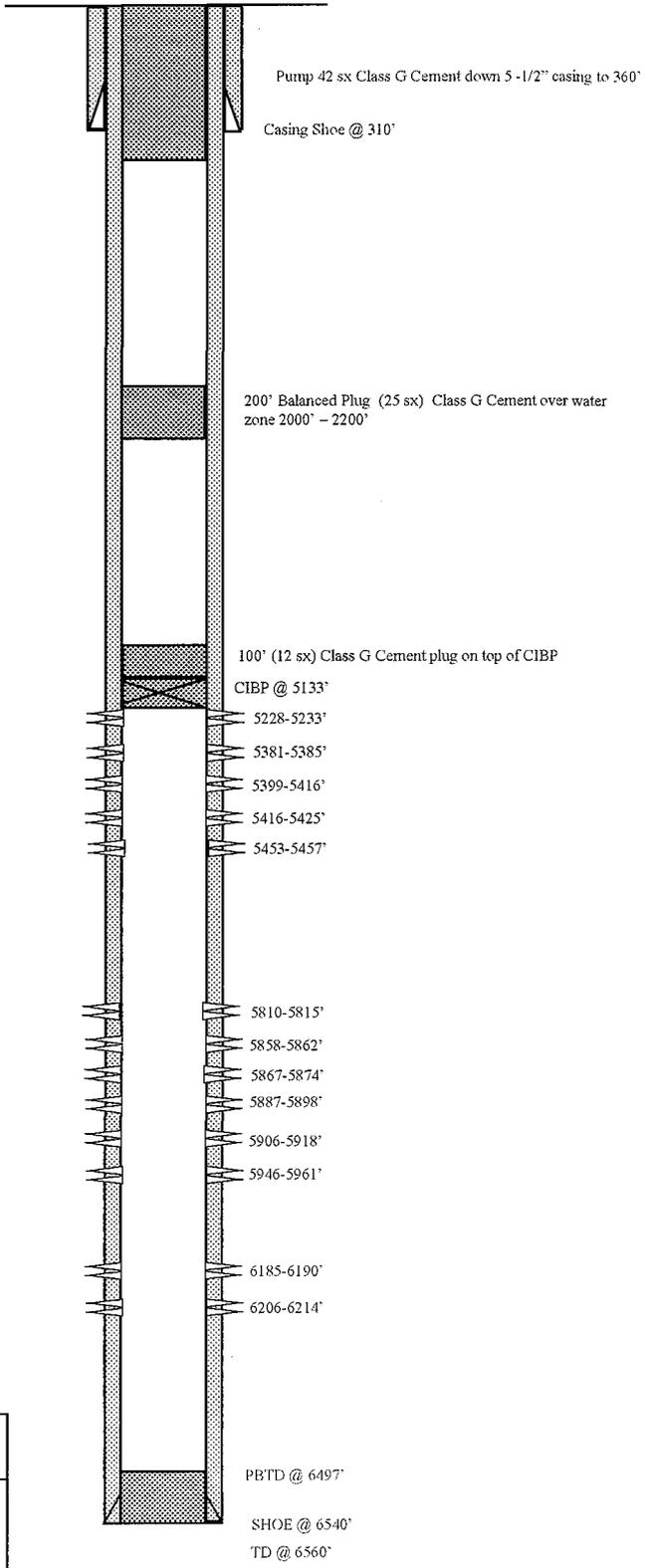
Proposed P & A  
 Wellbore Diagram

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




<p><b>Federal 9-24-8-16</b></p> <p>2080' FSL &amp; 638' FEL</p> <p>NE/SE Section 24-T8S-R16E</p> <p>Duchesne Co, Utah</p> <p>API #43-013-32359; Lease #FTU-67170</p>



## State of Utah

### Department of Natural Resources

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas & Mining

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

November 16, 2006

Newfield Production Company  
410 Seventeenth Street, Suite 700  
Denver, Colorado 80202

Re: Monument Butte NE Unit Well: Federal 9-24-8-16, Section 24, Township 8 South, Range 16 East, Duchesne County, Utah

Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\ tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt  
Associate Director

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

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

**Applicant:** Newfield Production Company      **Well:** Federal 9-24-8-16

**Location:** 24/8S/16E      **API:** 43-013-32359

**Ownership Issues:** The proposed well is located on Federal and Private land. The well is located in the Monument Butte NE Unit. Lands in the one-half mile radius of the well are administered by the BLM. The mineral owners within the area of review are Federal Government and Private. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and leaseholders ownership in the half-mile radius. Newfield is the operator of the Monument Butte NE 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 310 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 6,540 feet. A cement bond log demonstrates adequate bond in this well up to 2,976 feet. A 2 7/8 inch tubing with a packer will be set at 5,193. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 4 producing wells, 4 shut-in wells and 2 injection wells in the area of review. All of the wells have evidence of adequate casing and cement. No corrective action will be required.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is near the surface. Injection shall be limited to the interval between 4,512 feet and 6,480 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 9-24-8-16 well is .78 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,838 psig. The requested maximum pressure is 1,838 psig. The anticipated average injection pressure is 1,100 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 9-24-8-16**  
**page 2**

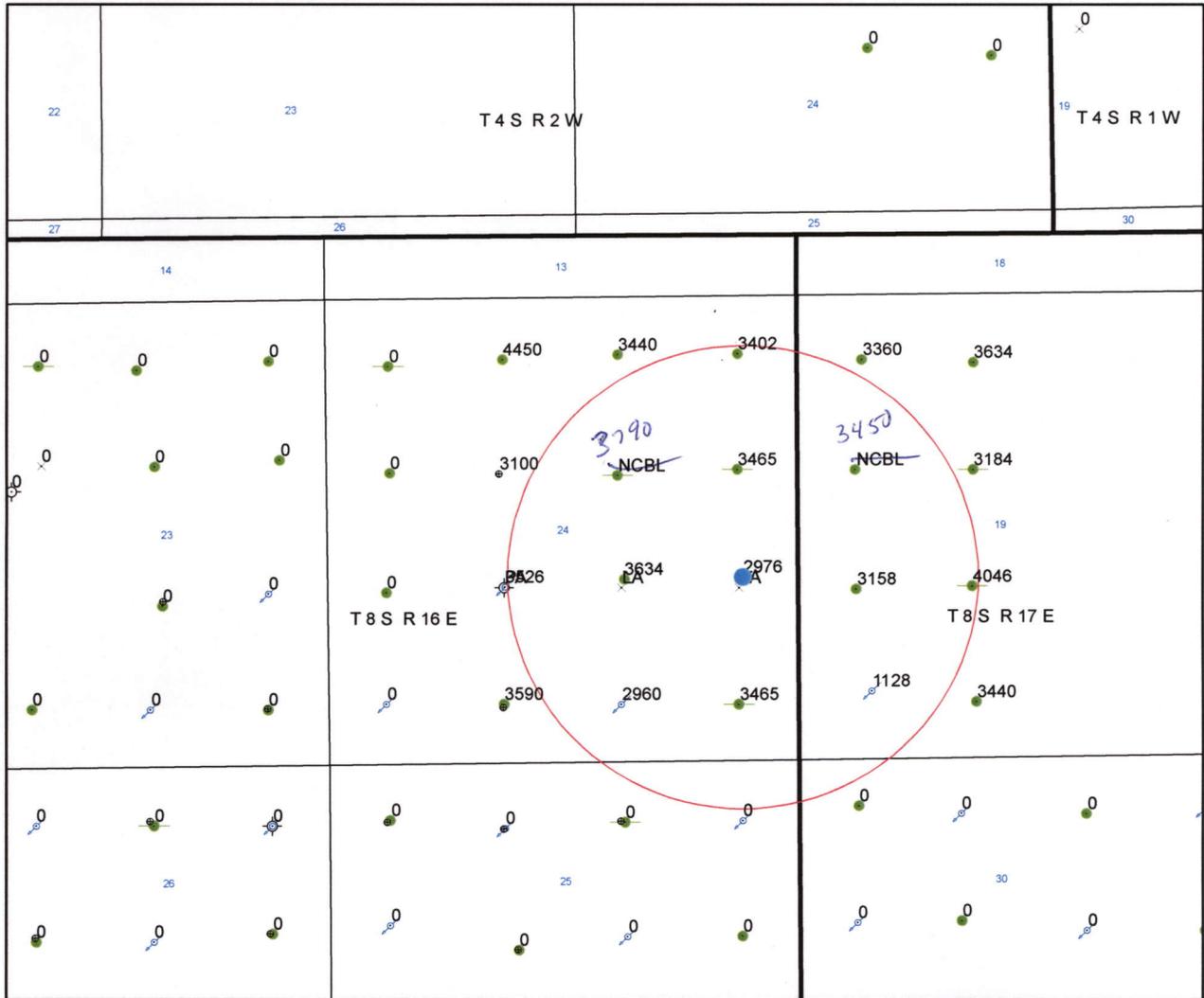
**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Monument NE Unit March 5, 1996. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the State of Utah.

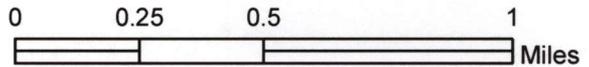
**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

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

Reviewer(s): Clinton Dworshak Date 11/06/2006

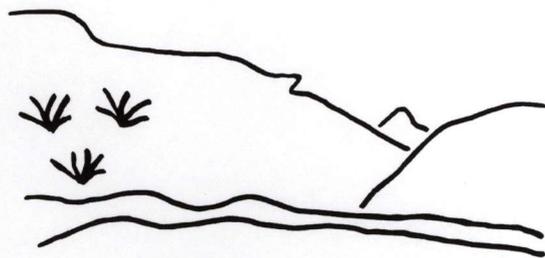


# Federal #9-24-8-16



## Legend

- |                    |   |     |
|--------------------|---|-----|
| <b>wells point</b> | ● | POW |
| <b>WELLTYPE</b>    | ☀ | SGW |
|                    | ● | SOW |
|                    | ⊗ | TA  |
|                    | ○ | TW  |
|                    |   | WDW |
|                    |   | WIW |
|                    | ● | WSW |



Utah Oil Gas and Mining





**Newfield Production Company**  
**Ashley Federal 5-24-9-15, Ashley Federal 3-24-9-15, Ashley Federal 5-22-9-15, Ashley**  
**Federal 1-24-9-15, Ashley Federal 7-24-9-15, Ashley Federal 11-24-9-15, Monument Butte**  
**9-24-8-16**  
**Cause No. UIC 332**

Publication Notices were sent to the following:

Newfield Production Company  
Route 3, Box 3630  
Myton, UT 84052

Uinta Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

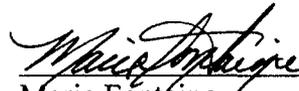
via E-Mail and Facsimile (801) 237-2577)  
Salt Lake Tribune  
PO Box 45838  
Salt Lake City, UT 84145

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

Duchesne County Planning  
PO Box 998  
Duchesne, UT 84021

Dan Jackson  
US EPA Region VIII, Suite 5000  
999 18th Street  
Denver, CO 80202-2466

Uintah & Ouray Agency  
Bureau of Indian Affairs  
PO Box 130  
Fort Duchesne, UT 84026



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Marie Fontaine  
Executive Secretary  
October 2, 2006



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

October 2nd, 2006

SENT VIA E-MAIL AND FAX

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Re: Notice of Agency Action - Cause No. UIC 332

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Marie Fontaine  
Executive Secretary

encl.



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

October 2nd, 2006

SENT VIA E-MAIL AND FAX (801) 237-2577

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

Re: Notice of Agency Action - Cause No. UIC 332

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Marie Fontaine  
Executive Secretary

encl.

**NOTICE OF  
AGENCY  
ACTION  
CAUSE NO.  
UIC 332**

**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  
THE Ashley Federal 5-24-9-15, Ashley Federal 3-24-9-15, Ashley Federal 5-22-9-15, Ashley Federal 1-24-9-15, Ashley Federal 7-24-9-15, Ashley Federal 11-24-9-15, Monument Butte 9-24-8-16 WELLS LOCATED IN SECTIONS 22 & 24, TOWNSHIPS 8 & 9 South, RANGES 15 & 16 East, SLM, 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 Ashley Federal 5-24-9-15, Ashley Federal 3-24-9-15, Ashley Federal 5-22-9-15, Ashley Federal 1-24-9-15, Ashley Federal 7-24-9-15, Ashley Federal 11-24-9-15, and the Monument Butte 9-24-8-16 wells, located in Sections 22 & 24, Townships 8 & 9 South, Ranges 15 & 16 East, SLM, Duchesne County, Utah, for conversion to Class II injection wells. The adjudicative proceeding will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

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

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

Dated this 2nd day of October, 2006.

**STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING**

Gil Hunt

Associate  
Director October 2nd, 2006

Published in the Uintah  
Basin Standard October 10,  
2006.



**DUCHESNE COUNTY, UTAH**

NOTICE IS HEREBY GIVEN that a special bond election will be held in Duchesne County School District, Duchesne, Utah (the "School District"), at the same time as the regular general election, on Tuesday, November 7, 2006, at which special bond election there shall be submitted to the qualified, registered voters residing within the district the following question:

**BOARD OF EDUCATION OF DUCHESNE COUNTY SCHOOL DISTRICT  
DUCHESNE COUNTY, UTAH  
SPECIAL BONDELECTION  
SCHOOL DISTRICT PROPOSITION NUMBER 1**

Shall the Board of Education of Duchesne County School District, Duchesne County, Utah, be authorized to issue and sell bonds of the Board to the amount of \$3,000,000, to mature in not more than ten (10) years from their respective date or dates, for the purpose of raising money for purchasing one or more school sites, buildings and furnishings and improving existing school property under the charge of the Board of Education, and, to the extent necessary, for providing moneys for the funding, at or prior to the maturity thereof, of general obligation bonds of the Board authorized hereunder or heretofore issued and now outstanding?

A special bond election shall be held at the consolidated voting precincts of Duchesne County, at the following places within such voting precincts, and the election officials to serve at each such polling place shall be those persons otherwise appointed under the provisions of general law to conduct the regular general election. Voters are to vote at the special bond election at the polling place for the consolidated voting precinct in which they are registered. The polling places are as follows:

CONSOLIDATED PRCT. NO.	REGULAR VOTING PRECINCT NO.	POLLING PLACE LOCATION
1	Duchesne #1, #2	Duchesne County Administration Building 734 North Center Street, Duchesne, Utah
2	Roosevelt #1, #2, #3, #4, #5, #6	UBET Building 211 East 200 North, Roosevelt, Utah
3	Myton	Myton Fire Station, Myton, Utah
4	Altamont	Altamont Fire Station, Altamont, Utah
5	Neola	Neola Fire Station, Neola, Utah
6	Tabiona	Tabiona Town Hall 38152 West 3950 North, Tabiona, Utah

The special bond election shall be by electronic ballots and other ballot forms. The ballots will be furnished by the County Clerk of Duchesne County (the "County Clerk"), on behalf of the Board of Education of the School District, to qualified poll workers. The poll workers shall furnish such ballots to the qualified electors of the School District. At each polling place shall open at 7:00 a.m. and shall remain open until 8:00 p.m., when they will close. There shall be no special registration of voters for the special bond election, and the official register of voters last used shall constitute the register for the special bond election, except that all persons who reside within the district and are registered to vote in Duchesne County shall be considered registered to vote in the special bond election. The County Clerk will make registration lists or copies of such lists available at each of the above-described polling places for use by registered electors entitled to use such voting place. Ballots may be obtained by making application in the manner and within the time provided by law through the County Clerk.

IF FURTHER GIVEN, that any qualified elector of Duchesne County who resides within the confines of the School District and who has complied with the law in regard to registration may vote in the special bond election at any of the polling locations up to 14 days in advance of the day of the special bond election. The dates, times and places for voting in the special bond election are as follows:

DATE	TIME	EARLY VOTING POLLING PLACE LOCATION
October 27, 2006	From 8:00 a.m. to 5:00 p.m.	Duchesne County Administration Building 734 North Center Street, Duchesne, Utah
October 25, 2006	From 3:00 p.m. to 9:00 p.m.	Fruitland Fire Station Fruitland, Utah
October 26, 2006	From 3:00 p.m. to 9:00 p.m.	Altamont Fire Station Altamont, Utah
October 28, 2006	From 11:00 a.m. to 2 p.m.	Duchesne County Administration Building 734 North Center Street, Duchesne, Utah
November 3, 2006	From 8:00 a.m. to 5:00 p.m.	Duchesne County Administration Building 734 North Center Street, Duchesne, Utah

IF FURTHER GIVEN that on Monday, October 23, 2006, at 1:00 p.m. in the County Clerk's office, at the Duchesne County Administration Building, 734 North Center Street, in Duchesne, Utah, there will be conducted a test of the logic and accuracy testing of the voting devices to be used in the special bond election. This test shall be conducted in public observation in accordance with the provisions of Section 20A-3-201, Utah Code Annotated 1953, the "Utah Code".

IF FURTHER GIVEN that on Monday, October 23, 2006, at 1:00 p.m. in the County Clerk's office, at the Duchesne County Administration Building, 734 North Center Street, in Duchesne, Utah, there will be conducted a test of automatic tabulating equipment or other apparatus to be used to tabulate the results of the November 7, 2006, special bond election to be held in the School District on the issuance of \$3,000,000 general obligation bonds of the Board of Education of the School District. This test is open to public observation in accordance with the provisions of Section 20A-4-104, Utah Code.

IF FURTHER GIVEN that on Monday, November 20, 2006, that being a day no sooner than 7 days and no later than 14 days after the special bond election, the Board of Education of the School District will meet at its office in South, Duchesne, Utah at 5:00 p.m. and will canvass the returns and declare the results of the special bond election.

IF FURTHER GIVEN that the applicable provisions of Sections 11-14-208 and 20A-4-403 of the Utah Code, the period allowed for the special bond election shall end forty (40) days after November 20, 2006 (the date on which the returns are to be canvassed and the results thereof declared). No such contest shall be maintained unless a contest is filed with the Clerk of the Eighth Judicial District Court in and for Duchesne County, within the prescribed time period.

QUESTIONS REGARDING THE SPECIAL BOND ELECTION MAY BE DIRECTED TO DEE E. MILES, COUNTY CLERK OF THE SCHOOL DISTRICT AT (435) 738-1242. IF FURTHER GIVEN, the Board of Education of Duchesne County School District, Duchesne County, Utah,

public auction to the highest bidder, payable in lawful money of the United States at the time of sale, at the South Entrance of the Duchesne County Courthouse, 21554 West 9000 South, located in Duchesne, Utah on the 6<sup>th</sup> day of November, 2006, at 4:00 p.m. of said day, for the purpose of foreclosing the Trust Deed dated March 18, 2005, executed by Nationwide PCNetsys, Inc. in favor of Guaranty Bond Bank, as Beneficiary, covering real property located in Duchesne County, Utah, more particularly described as follows, to-wit:

TOWNSHIP 5 SOUTH, RANGE 4 WEST, UINTAH SPECIAL BASE & MERIDIAN Section 34: All.

The current beneficiary of the Trust Deed is Guaranty Bond Bank and the record owner of the property as of the recording of the Notice of Default is Nationwide PCNetsys, Inc.

DATED this 26<sup>th</sup> day of September, 2006.

By: Gayle McKeachnie, Trustee

Published in the Uintah Basin Standard October 3, 10 and 17, 2006.

eral 7-24-9-15, Ashley Federal 11-24-9-15, and the Monument Butte 9-24-8-16 wells, located in Sections 22 & 24, Townships 8 & 9 South, Ranges 15 & 16 East, SLM, Duchesne County, Utah, for conversion to Class II injection wells. The adjudicative proceeding will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

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

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

Dated this 2nd day of October, 2006.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING  
Gil Hunt

Associate  
Director October 2nd, 2006  
Published in the Uintah Basin Standard October 10, 2006.

**IMPACT AIDE  
AND TITLE  
VII PARENT  
HEARING**

In conjunction with its regular meeting to be held at the Roosevelt Education Building, 900 East Lagoon Street, Roosevelt, Utah, on October 10, 2006 the Board of Education of Duchesne County School district will hold an information gathering meeting at 7:45 P.M. The Ute Indian Tribe and Parents of Children residing on Indian lands, and all other Parents of Children attending Duchesne County Schools are invited to attend. School Officials will answer questions and evaluate programs assisted with Impact Aide and Title VII program funds. Parents are encouraged to make recommendations concerning the needs of their children and ways school officials can assist their children in realizing the benefits to be derived from the education programs of the Duchesne County Schools.

Published in the Uintah Basin Standard October 3 and 10, 2006.

**ADVERTISING FOR  
SALE**

NOTICE IS HEREBY GIVEN that the undersigned intends to sell the personal property described below to enforce a lien imposed on said property under the Utah Self-Service Storage Facility Act.

The undersigned will sell at public sale by competitive bidding on the 23<sup>rd</sup> day of October, 2006 at 10:00 AM, on the premises where said property has been stored and which are located at Westside Storage 1864

**From:** "David Gerbig" <dgerbig@newfield.com>  
**To:** "Clinton Dworshak" <clintondworshak@utah.gov>  
**Date:** 10/24/2007 4:30 PM  
**Subject:** RE: Newfield - UIC Conversion Approval

Nope, I believe we made a mistake.  
Can you forward copy of approval?

Thanks

-----Original Message-----

From: Clinton Dworshak [mailto:clintondworshak@utah.gov]  
Sent: Wednesday, October 24, 2007 10:00 AM  
To: David Gerbig  
Subject: Newfield - UIC Conversion Approval

David,

Newfield sent DOGM a UIC application for the Monument Butte NE Federal  
9-24-8-16  
dated July 13, 2007 (received 10/15/2007).

This well was approved on 10/16/2006 for conversion to a Class II  
injection well.  
The Newfield application for this approval was dated August 4, 2006  
(received 11/5/2006).

I see no difference in the applications. Have we missed something?

Attached is the 11/16/2006 conversion approval.

Clint

**From:** Clinton Dworshak  
**To:** dgerbig@newfield.com  
**Date:** 10/24/2007 9:59 AM  
**Subject:** Newfield - UIC Conversion Approval  
**Attachments:** Conversion Approval 9-24-8-16.pdf

David,

Newfield sent DOGM a UIC application for the Monument Butte NE Federal 9-24-8-16 dated July 13, 2007 (received 10/15/2007).

This well was approved on 10/16/2006 for conversion to a Class II injection well. The Newfield application for this approval was dated August 4, 2006 (received 11/5/2006).

I see no difference in the applications. Have we missed something?

Attached is the 11/16/2006 conversion approval.

Clint



February 29, 2008

Mr. Brad Hill  
State of Utah, DOGM  
1594 West North Temple-Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Injection Conversion/MIT  
Monument Butte NE 9-24-8-16  
Sec.24, T8S, R16E  
API #43-013-32359

Mr. Brad Hill:

The subject well was converted from a producing oil well to a water injection well. An MIT was performed. Please find enclosed the sundry, a copy of the tabular, work detail and chart. If you have any questions, please contact me at 435-646-4848.

Sincerely,

A handwritten signature in cursive script that reads "Callie Ross".

Callie Ross  
Production Clerk

RECEIVED  
MAR 03 2008  
DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-67170
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: MON BUTTE NE
8. WELL NAME and NUMBER: FEDERAL 9-24-8-16
9. API NUMBER: 4301332359
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052	PHONE NUMBER: 435.646.3721
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2080 FSL 638 FEL COUNTY: DUCHESNE OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 24, T8S, R16E STATE: UT	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will Do not use this form for wells.	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/15/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

This well was converted from a producing oil well to an injection well on 2/15/08.

On 2/25/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 2/27/08. On 2/27/08 the csg was pressured up to 1750 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 640 psig during the test. There was not a State representative available to witness the test.

API # 43-013-32359

NAME (PLEASE PRINT) <u>Callie Ross</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u>Callie Ross</u>	DATE <u>02/29/2008</u>

(This space for State use only)

**RECEIVED**  
**MAR 03 2008**  
DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 2/27/08 Time 9:30 (am/pm)

Test Conducted by: Newfield Production - David Chase

Others Present: \_\_\_\_\_

Well: Federal 9-24-8-16

Field: Monument Butte

Well Location: NE/SE Sec. 24, T8S, R16E API No: 48-013-32359

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1750*</u>	psig
5	<u>1750*</u>	psig
10	<u>1750*</u>	psig
15	<u>1750*</u>	psig
20	<u>1750*</u>	psig
25	<u>1750*</u>	psig
30 min	<u>1750*</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 640\* psig

Result: **Pass** **Fail**

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: [Signature]

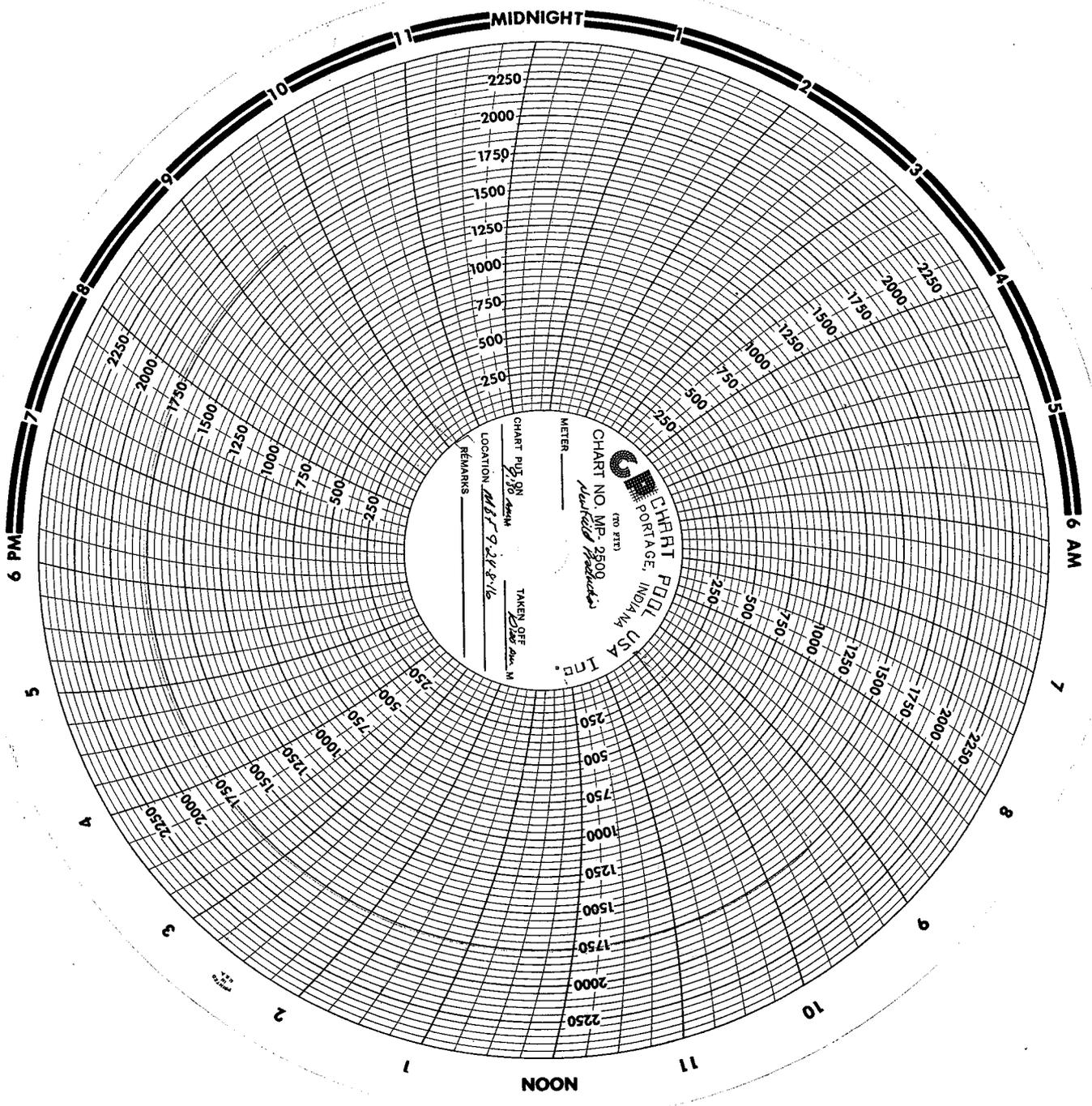


CHART PULSON  
LOCATION Mt. 7-24-16  
REMARKS \_\_\_\_\_

CHART NO. MP-2500  
PORTAGE, INDIANA  
METER \_\_\_\_\_  
TAKEN OFF \_\_\_\_\_

CHART PAPER USA Inc.  
FOR SALE  
FOR SALE

**Daily Activity Report**

Format For Sundry

**FEDERAL 9-24-8-16****12/1/2007 To 4/29/2008****2/15/2008 Day: 1****Conversion**

NC #2 on 2/14/2008 - LD 36 jts tbg on trailer. PU Arrowset 1-X packer, SN & TIH w/ 30 jts 2 7/8" J-55 tbg. Shut rig down due to weather conditions.

---

**2/14/2008 Day: 1****Conversion**

NC #2 on 2/13/2008 - MIRU NC #2. RU hot oiler. Pump 60 BW down csg @ 250°. RD pumping unit. Soft seat rods & pump. Fill tbg w/ 11 BW & pressure test tbg to 3000 psi. Unseat rod pump. Flush tbg & rods w/ 40 BW @ 250°. LD rods on trailer as detailed below. Small show of scale was found on last 400' of rods & rod pump. ND wellhead. Release TAC. NU BOPs. RU rig floor. TOOH w/ 166 jts 2 7/8" J-55 tbg (breaking collars, applying liquid O-ring to threads & tallying). Flushed tbg w/ 40 BW @ 250° during TOOH. SDFN.

---

**2/16/2008 Day: 2****Conversion**

NC #2 on 2/15/2008 - LD 36 jts tbg on trailer. PU Arrowset 1-X packer, SN & TIH w/ 30 jts 2 7/8" J-55 tbg. Shut rig down due to weather conditions.

---

**2/17/2008 Day: 3****Conversion**

NC #2 on 2/16/2008 - Continue TIH w/ tbg as detailed below. RU hot oiler. Pump 10 BW down tbg. Drop standing valve down tbg & fill w/ 30 BW. Pressure test tbg to 3000 psi. Held test for 30 minutes w/ 0 psi loss. RU sandline. RIH w/ fishing tool on sandline & retrieve standing valve. RD rig floor. ND BOPs. Pump 55 bbls packer fluid down tbg-csg annulus. Set Arrowset 1-X packer w/ CE @ 5169.67' w/ 16000# tension. NU well head. Fill annulus w/ 30 bbls packer fluid & pressure test to 1400 psi. Held test for 30 minutes w/ 0 psi loss. RDMO. Ready for MIT.

---

**2/28/2008 Day: 4****Conversion**

on 2/27/2008 - On 2/25/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Mon. Butte Fed. 9-24-8-16). Permission was given at that time to perform the test on 2/27/08. On 2/27/08 the csg was pressured up to 1750 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 640 psig during the test. There was not a State representative available to witness the test. API # 43-013-32359

---

**Pertinent Files: Go to File List**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
 USA UTU-67170

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
 MON BUTTE NE

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
 FEDERAL 9-24-8-16

2. NAME OF OPERATOR:  
 NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
 4301332359

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

PHONE NUMBER  
 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
 MONUMENT BUTTE

4. LOCATION OF WELL:  
 FOOTAGES AT SURFACE: 2080 FSL 638 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 24, T8S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: <u>03/13/2008</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Status change, put well in injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 The above reference well was put on injection at 6:00 PM on 3-13-08.

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager  
 SIGNATURE *Kathy Chapman* DATE 03/14/2008

(This space for State use only)

**RECEIVED**  
**MAR 17 2008**  
 DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT Cause No. UIC-332

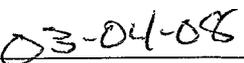
**Operator:** Newfield Production Company  
**Well:** Monument Butte Federal 9-24-8-16  
**Location:** Section 24, Township 8 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32359  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on November 16, 2006.
2. Maximum Allowable Injection Pressure: 1,838 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,512' - 6,480')

Approved by:

  
for Gil Hunt  
Associate Director

  
Date

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



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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-67170

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
MON BUTTE NE

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER WI

8. WELL NAME and NUMBER:  
FEDERAL 9-24-8-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
430132359

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

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 2080 FSL 638 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 24, T8S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
<u>07/21/2009</u>	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well had workover procedures performed (tubing leak), ON 06/23/09 the RIH w/ new AS1 pkr. On 06/23/09 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well. Permission was given at that time to perform that test on 06/25/09. On 06/25/09 the csg was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 711 psig during the test. There was not a State representative available to witness the test.  
API # 43-013-32359

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

Date: 07-23-09  
By: [Signature]

**COPY SENT TO OPERATOR**

Date: 7-28-2009  
Initials: KS

NAME (PLEASE PRINT) Jentri Paak

TITLE Production Tech

SIGNATURE [Signature]

DATE 07/21/2009

(This space for State use only)

**RECEIVED**

**JUL 22 2009**

DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Dennis Ingram Date 7/14/09 Time 9:00 am pm

Test Conducted by: Alfredo Rias

Others Present: \_\_\_\_\_

Well: <u>Federal 9-24-8-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NE/SE SEC 24 T8S R16E</u> <u>Duchesne County, Utah</u>	API No: <u>43-013-32359</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1500</u>	psig
5	<u>1500</u>	psig
10	<u>1500</u>	psig
15	<u>1500</u>	psig
20	<u>1500</u>	psig
25	<u>1500</u>	psig
30 min	<u>1500</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 711 psig

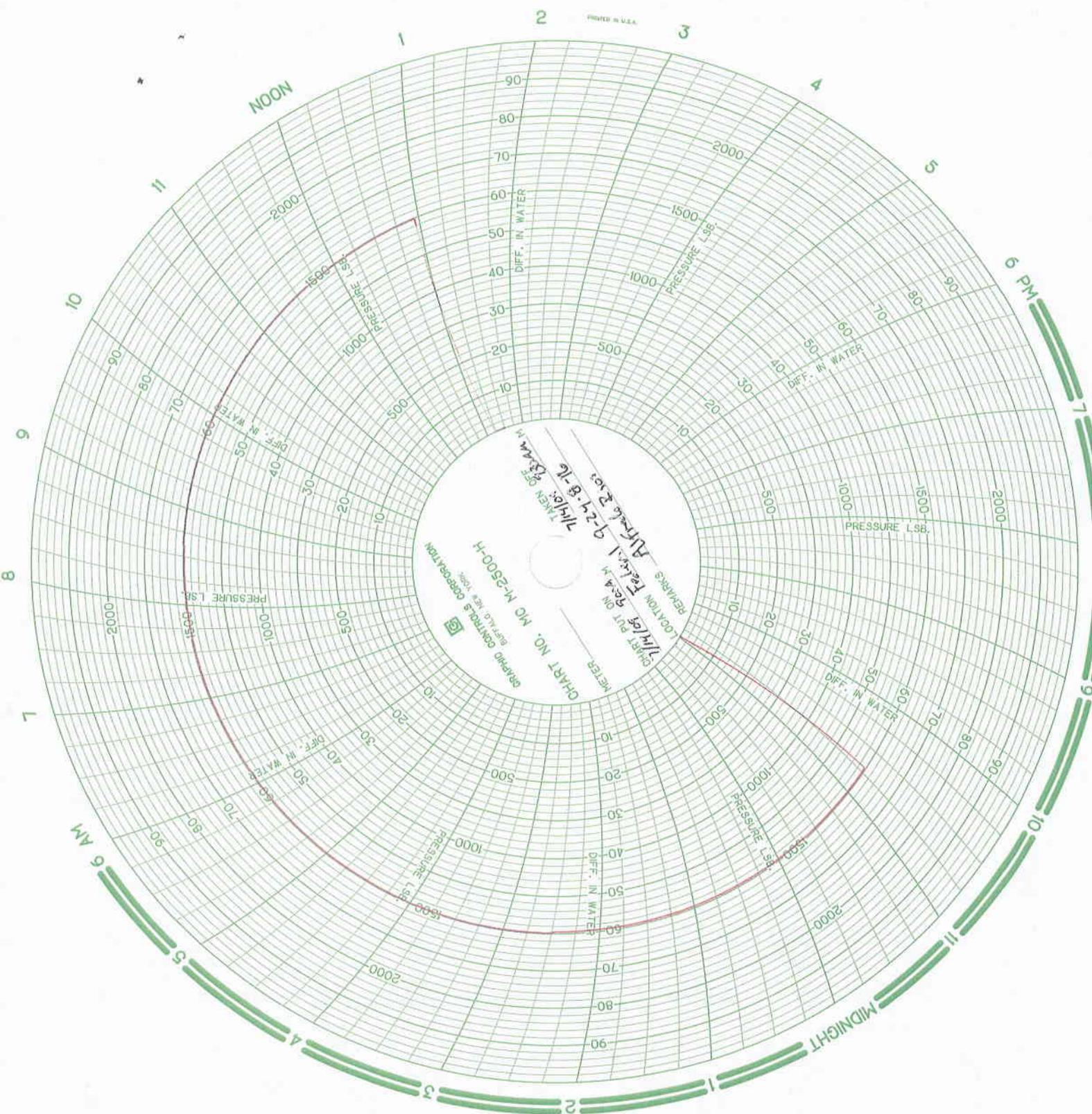
Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: [Signature]

RECEIVED

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DIV. OF OIL, GAS & MINING

<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 9-24-8-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2080 FSL 0638 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 24 Township: 08.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013323590000
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
9. 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: 5/20/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input 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 05/16/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 05/20/2014 the casing was pressured up to 1311 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1781 psig during the test. There was a State representative available to witness the test - Chris Jensen.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**  
 June 02, 2014

Date: \_\_\_\_\_  
 By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/29/2014	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: \_\_\_\_\_ Date 5/20/14 Time 2:52 am pm

Test Conducted by: INAKI LASA

Others Present: \_\_\_\_\_

5 YEAR MIT

<b>Well:</b> FEDERAL 9-24-8-16 NE/SE SEC. 24, T8S, R16E	<b>Field:</b> GREATER MONUMENT BUTTE
<b>Well Location:</b> Duchesne COUNTY, UTAH.	<b>API No:</b> 430 133 2359

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>12.2</u>	psig
5	<u>1,311.6</u>	psig
10	<u>1,311.2</u>	psig
15	<u>1,311.6</u>	psig
20	<u>1,311.8</u>	psig
25	<u>1,311.2</u>	psig
30 min	<u>1,311.8</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

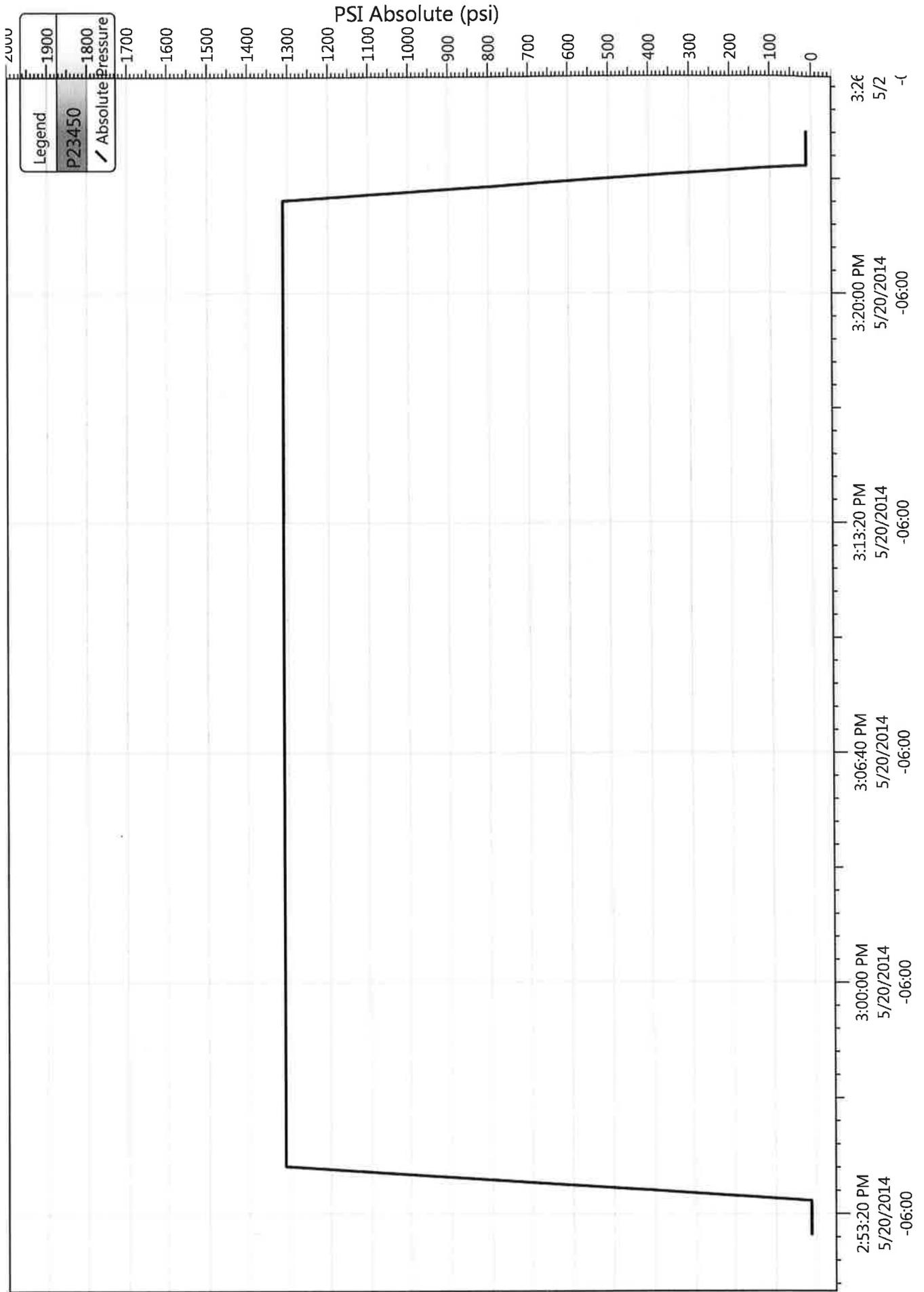
Tubing pressure: 1,781 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Inaki Lasas

Federal 9-24-8-16 (5 Year MIT)  
5/20/2014 2:52:20 PM



**NEWFIELD**

**Schematic**

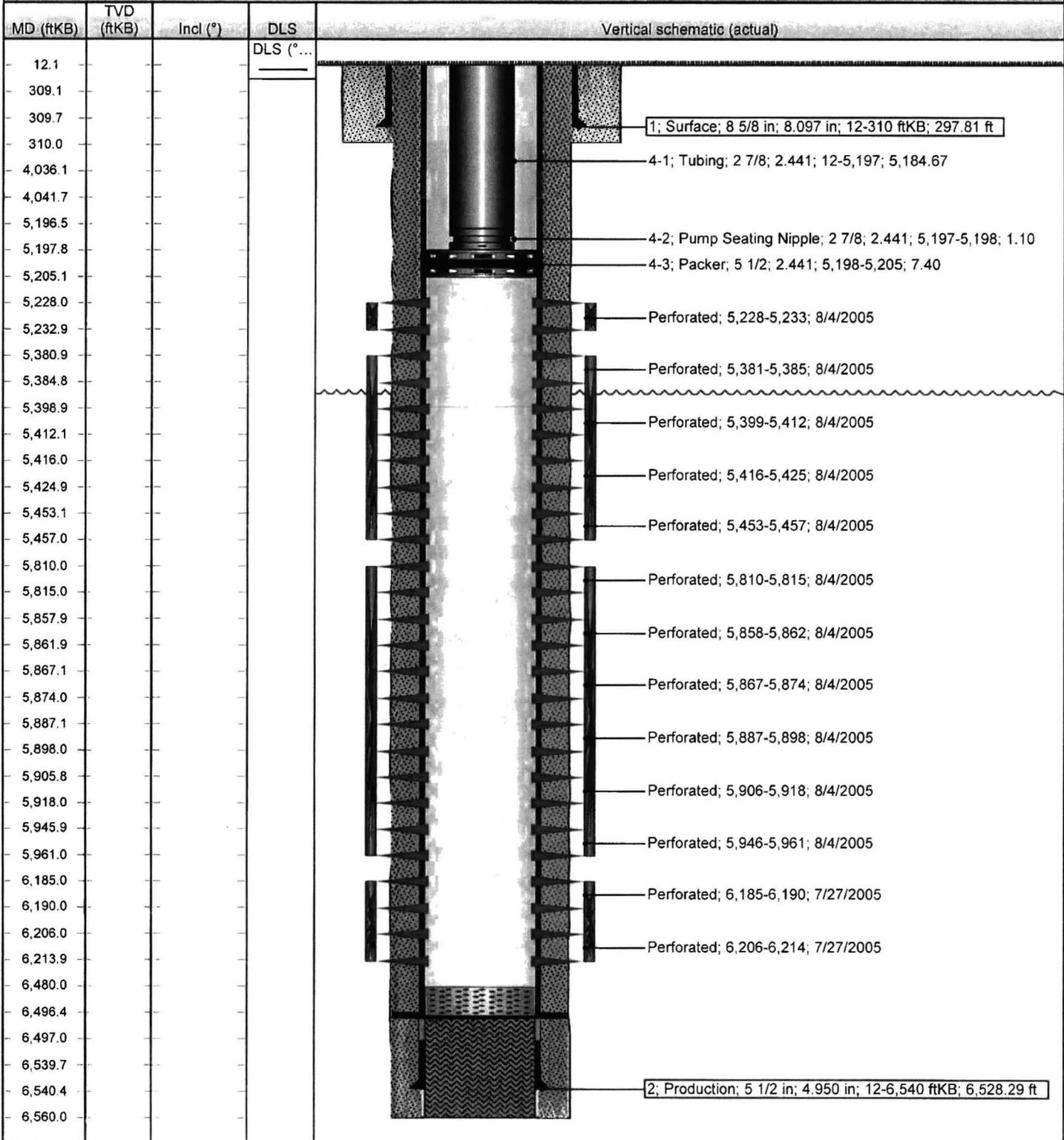
43-013-32359

**Well Name: Federal 9-24-8-16**

Surface Legal Location <b>24-8S-16E</b>		API/UWI 43013323590000	Well RC 500151729	Lease	State/Province Utah	Field Name GMBU CTB4	County DUCHESNE
Spud Date 3/28/2005	Rig Release Date 7/19/2005	On Production Date 8/9/2005	Original KB Elevation (ft) 5,391	Ground Elevation (ft) 5,379	Total Depth All (TVD) (ftKB)	PBTB (All) (ftKB) Original Hole - 6,496.5	

<b>Most Recent Job</b>				
Job Category Testing	Primary Job Type	Secondary Job Type N/A	Job Start Date 5/20/2014	Job End Date 5/20/2014

**TD: 6,560.0** Vertical - Original Hole, 10/14/2015 8:59:43 AM



# NEWFIELD



## Newfield Wellbore Diagram Data Federal 9-24-8-16

Surface Legal Location 24-8S-16E		API/UWI 43013323590000		Lease	
County DUCHESNE		State/Province Utah		Basin	
Well Start Date 3/28/2005		Spud Date 3/28/2005		Final Rig Release Date 7/19/2005	
Original KB Elevation (ft) 5,391		Ground Elevation (ft) 5,379		Total Depth (ftKB) 6,560.0	
				Total Depth All (TVD) (ftKB) 6,560.0	
				PBTD (All) (ftKB) Original Hole - 6,496.5	

### Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	3/28/2005	8 5/8	8.097	24.00	J-55	310
Production	7/18/2005	5 1/2	4.950	15.50	J-55	6,540

### Cement

#### String: Surface, 310ftKB 4/1/2005

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 310.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 2% CaCL2 + 1/4#/sk Cello-Flake		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

#### String: Production, 6,540ftKB 7/19/2005

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 6,560.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake		Fluid Type Lead	Amount (sacks) 400	Class Premlite II	Estimated Top (ftKB) 12.0
Fluid Description W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM		Fluid Type Tail	Amount (sacks) 475	Class 50/50 Poz	Estimated Top (ftKB) 3,200.0

### Tubing Strings

Tubing Description Tubing		Run Date 6/23/2009		Set Depth (ftKB) 5,205.2				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btn (ftKB)
Tubing	167	2 7/8	2.441	6.50	J-55	5,184.67	12.0	5,196.7
Pump Seating Nipple		2 7/8	2.441			1.10	5,196.7	5,197.8
Packer		5 1/2	2.441			7.40	5,197.8	5,205.2

### Rod Strings

Rod Description		Run Date		Set Depth (ftKB)			
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btn (ftKB)

### Other In Hole

Des	Top (ftKB)	Btn (ftKB)	Run Date	Pull Date
Fill	6,480	6,496	4/12/2007	

### Perforation Intervals

Stage#	Zone	Top (ftKB)	Btn (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
4	D1, Original Hole	5,228	5,233	4	90	0.430	8/4/2005
3	D3, Original Hole	5,381	5,385	4	90	0.430	8/4/2005
3	C, Original Hole	5,399	5,412	4	90	0.430	8/4/2005
3	C, Original Hole	5,416	5,425	4	90	0.430	8/4/2005
3	C, Original Hole	5,453	5,457	4	90	0.430	8/4/2005
2	LODC, Original Hole	5,810	5,815	4	90	0.430	8/4/2005
2	LODC, Original Hole	5,858	5,862	4	90	0.430	8/4/2005
2	LODC, Original Hole	5,867	5,874	4	90	0.430	8/4/2005
2	LODC, Original Hole	5,887	5,898	4	90	0.430	8/4/2005
2	LODC, Original Hole	5,906	5,918	4	90	0.430	8/4/2005
2	LODC, Original Hole	5,946	5,961	4	90	0.430	8/4/2005
1	CP2, Original Hole	6,185	6,190	4	120	0.410	7/27/2005
1	CP2, Original Hole	6,206	6,214	4	120	0.410	7/27/2005

### Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,100	0.77	24.7	1,960			
2	2,500	0.86	25.1	2,328			
3	1,850	0.78	25.3	1,685			
4	2,800	0.97	25.3	2,249			

### Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 40274 lb
2		Proppant Sand 200478 lb



Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
3		Proppant Sand 95275 lb
4		Proppant Sand 22606 lb