



February 20, 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: Applications for Permit to Drill: Federal 4-12-9-17, 10-12-9-17, 12-12-9-17,  
14-12-9-17, and 16-12-9-17.

Dear Diana:

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  
Regulatory Specialist

mc  
enclosures

RECEIVED  
FEB 23 2004  
DIV. OF OIL, GAS & MINING

Form 3160-3  
(September 2001)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.  
UTU-75234

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

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

8. Lease Name and Well No.  
Federal 4-12-9-17

9. API Well No.  
43-047-35520

10. Field and Pool, or Exploratory  
~~Monument Butte~~ Eight mile

11. Sec., T., R., M., or Blk. and Survey or Area  
NW/NW Sec. 12, T9S R17E

12. County or Parish  
Uintah

13. State  
UT

1a. Type of Work:  DRILL  REENTER

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

2. Name of Operator  
Inland Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface NW/NW 721' FNL 666' FWL 4433689Y 40.05068  
At proposed prod. zone 588589X -109.96144

14. Distance in miles and direction from nearest town or post office\*  
Approximatley 16.3 miles southeast of Myton, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 666' f/lease, NA f/unit

16. No. of Acres in lease  
160.00

17. Spacing Unit dedicated to this well  
40 Acres

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1332'

19. Proposed Depth  
6500'

20. BLM/BIA Bond No. on file  
#4488944

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5057' GL

22. Approximate date work will start\*  
3rd Quarter 2004

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

24. Attachments

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

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

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 2/20/04  
Title Regulatory Specialist

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 03-01-04  
Title ENVIRONMENTAL SCIENTIST III

Federal Approval of this Action is Necessary

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

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

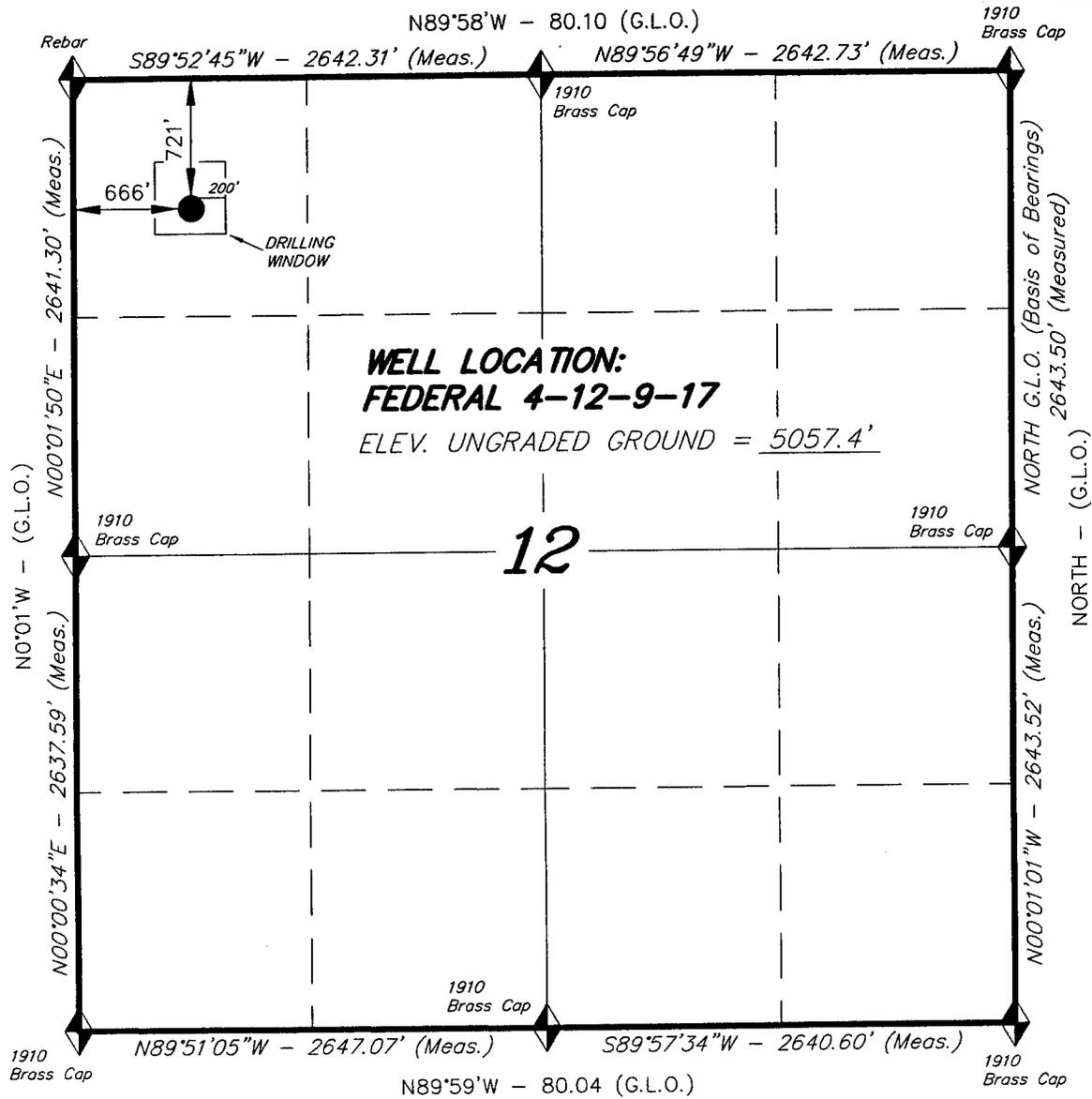
\*(Instructions on reverse)

RECEIVED  
FEB 23 2004  
DIV. OF OIL, GAS & MINING

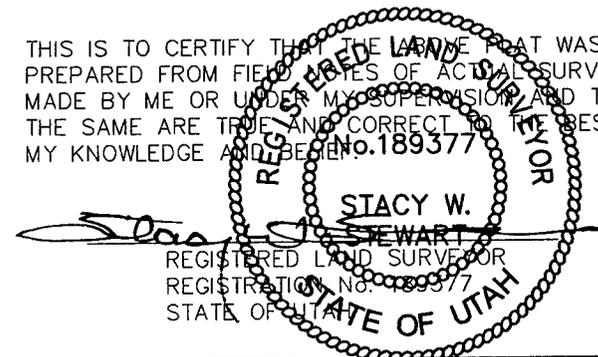
# T9S, R17E, S.L.B.&M.

## INLAND PRODUCTION COMPANY

WELL LOCATION, FEDERAL 4-12-9-17,  
 LOCATED AS SHOWN IN THE NW 1/4 NW  
 1/4 OF SECTION 12, T9S, R17E,  
 S.L.B.&M. UINTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS  
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
 MADE BY ME OR UNDER MY SUPERVISION AND THAT  
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
 MY KNOWLEDGE AND BELIEF. 189377



◆ = SECTION CORNERS LOCATED

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

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b>	
180 NORTH VERNAL AVENUE - VERNAL, UTAH 84078 (435) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: K.G.S.
DATE: 1-12-04	DRAWN BY: J.R.S. Red Hills Drafting, Inc.
NOTES:	FILE #

INLAND PRODUCTION COMPANY  
FEDERAL #4-12-9-17  
NW/NW SECTION 12, T9S, R17E  
UINTAH 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	5900'

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  
FEDERAL #4-12-9-17  
NW/NW SECTION 12, T9S, R17E  
UINTAH 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 Federal #4-12-9-17 located in the NW 1/4 NW 1/4 Section 12, T9S, R17E, Uintah 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 - 11.8 miles  $\pm$  to it's junction with an existing road to the southeast; proceed southeasterly - 2.9 miles  $\pm$  to it's junction with the beginning of an access road to be upgraded; proceed along the access road to be upgraded - 2,595'  $\pm$  to it's junction with the beginning of the proposed access road; proceed along the proposed access road 460'  $\pm$  to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Paleontological Resource Survey and Archaeological Resource Survey for this area are attached. MOAC Report #03-58, 5/19/03. Paleontological Resource Survey prepared by, Wade E. Miller, 5/8/03. See attached report cover pages, Exhibit "D".

Inland Production Company requests a 60' ROW for the Federal #4-12-9-17 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Please refer to the Monument Butte Field SOP.

**Reserve Pit Liner**

Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Shadscale	<i>Atriplex confertifolia</i>	4 lbs/acre
Scarlet globmallow	<i>Sphaeralcea concineae</i>	4 lbs/acre
Galleta grass	<i>Hilaria jamesii</i>	4 lbs/acre

**Details of the On-Site Inspection**

The proposed Federal #4-12-9-17 was on-sited on 9/18/03. The following were present; Brad Mecham (Inland Production), Byron Tolman (Bureau of Land Management), and SWCA representatives. Weather conditions were clear.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham

Address: Route #3 Box 3630  
Myton, UT 84052

Telephone: (435) 646-3721

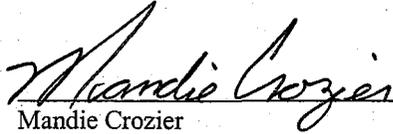
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #4-12-9-17 NW/NW Section 12, Township 9S, Range 17E: Lease UTU-75234 Uintah 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.

2/20/04

Date

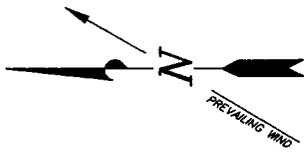


Mandie Crozier  
Regulatory Specialist

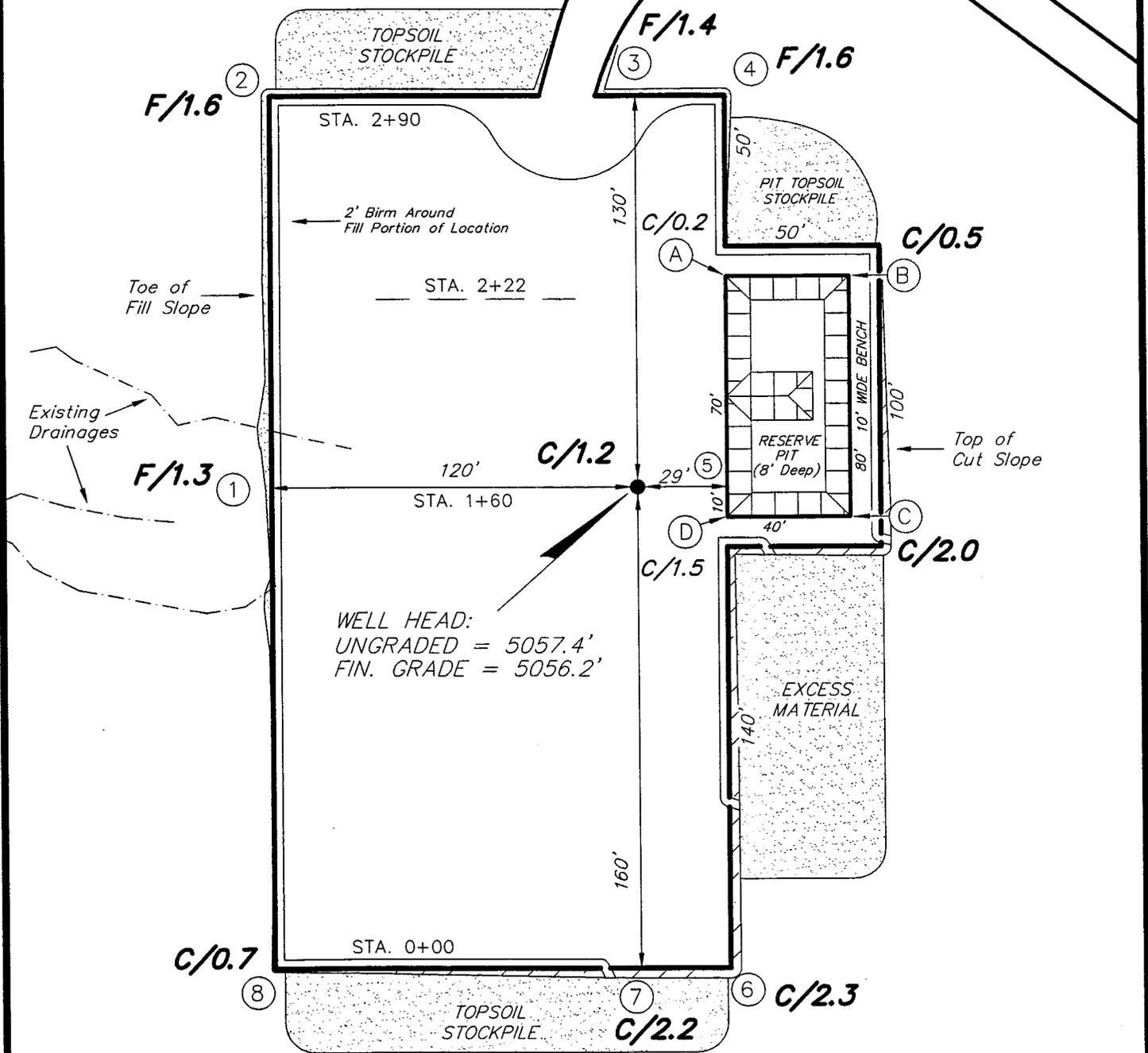
# INLAND PRODUCTION COMPANY

FEDERAL 4-12-9-17  
 Section 12, T9S, R17E, S.L.B.&M.

Proposed Access Road  
 To Well 3-12



PROPOSED ACCESS ROAD  
 (Max. 6% Grade)



WELL HEAD:  
 UNGRADED = 5057.4'  
 FIN. GRADE = 5056.2'

## REFERENCE POINTS

- 170' NORTH = 5052.2'
- 220' NORTH = 5045.1'
- 180' EAST = 5054.1'
- 230' EAST = 5054.1'

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

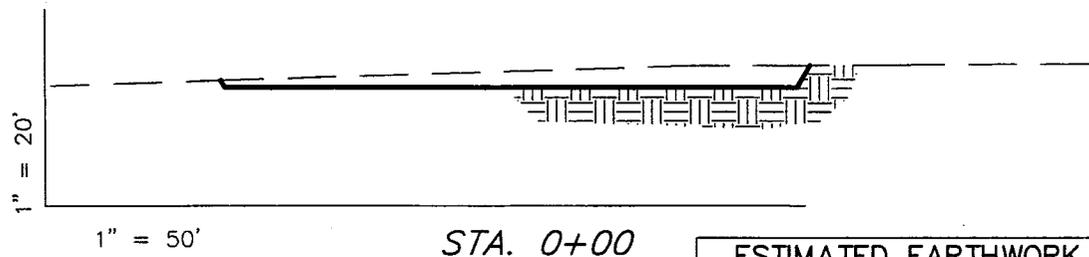
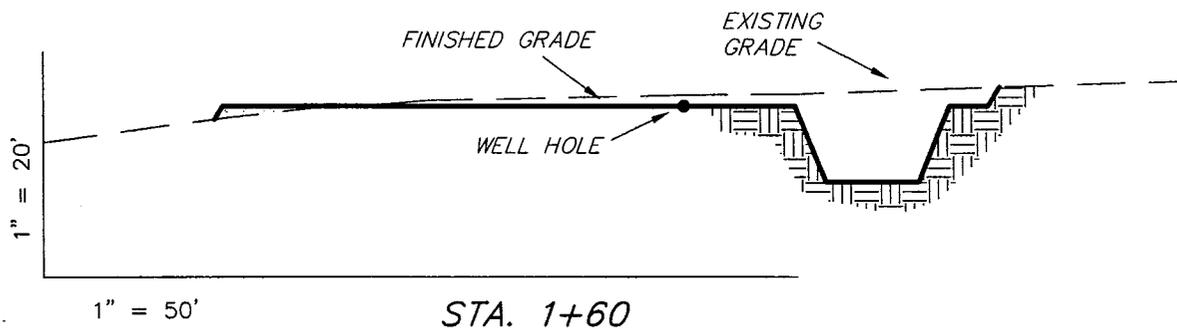
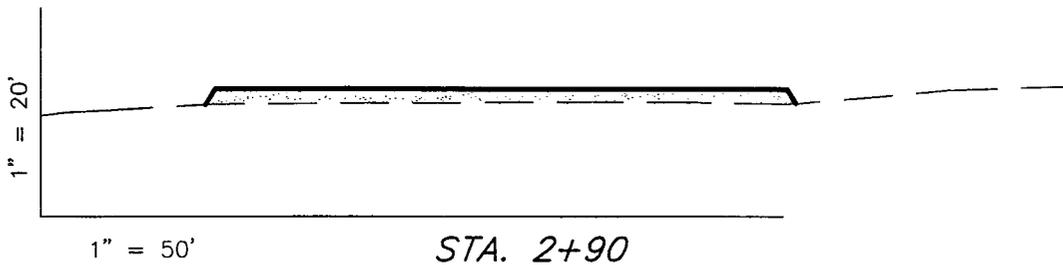
DATE: 1-12-04

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

# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

FEDERAL 4-12-9-17



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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	810	810	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,450	810	890	640

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

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

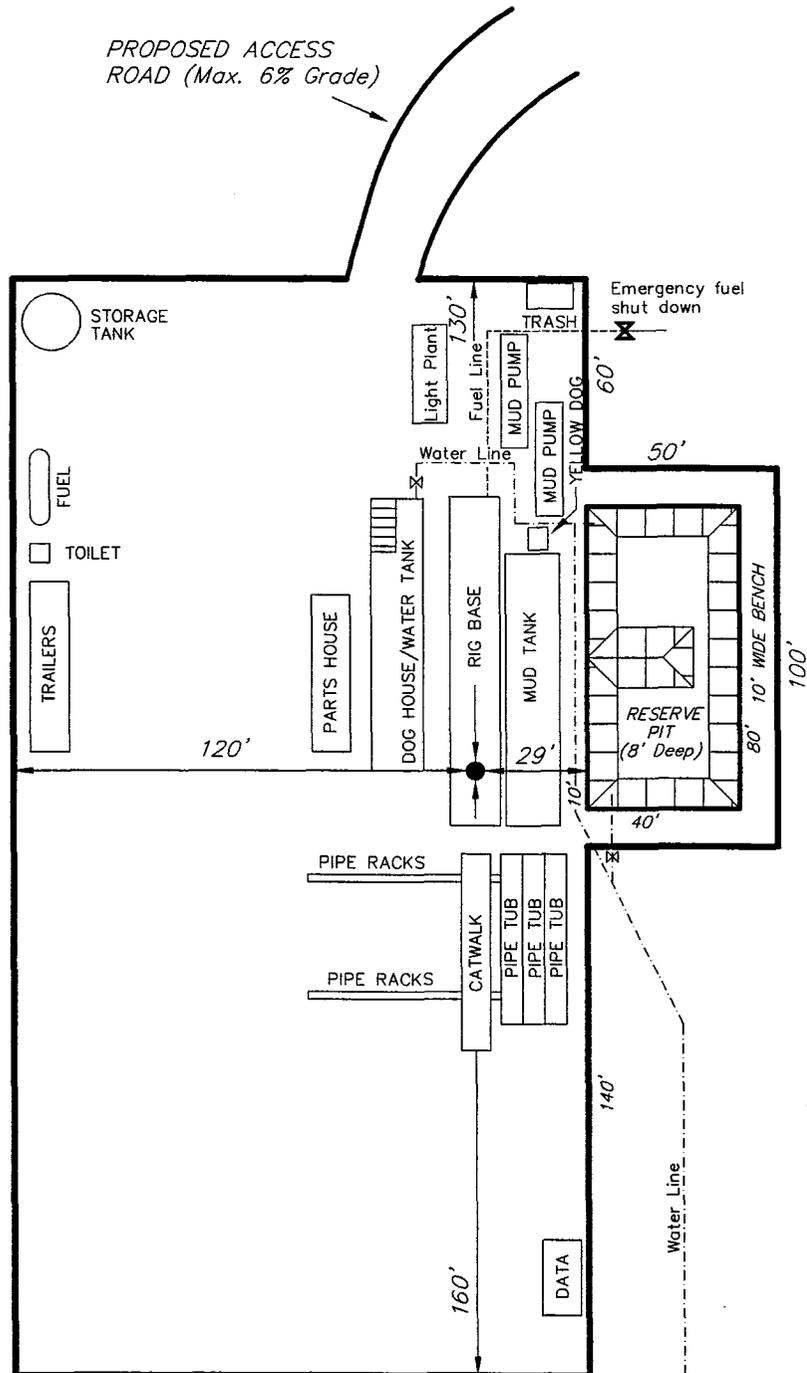
DRAWN BY: J.R.S.  
Red Hills Drafting, Inc.

DATE: 1-12-04

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

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT FEDERAL 4-12-9-17



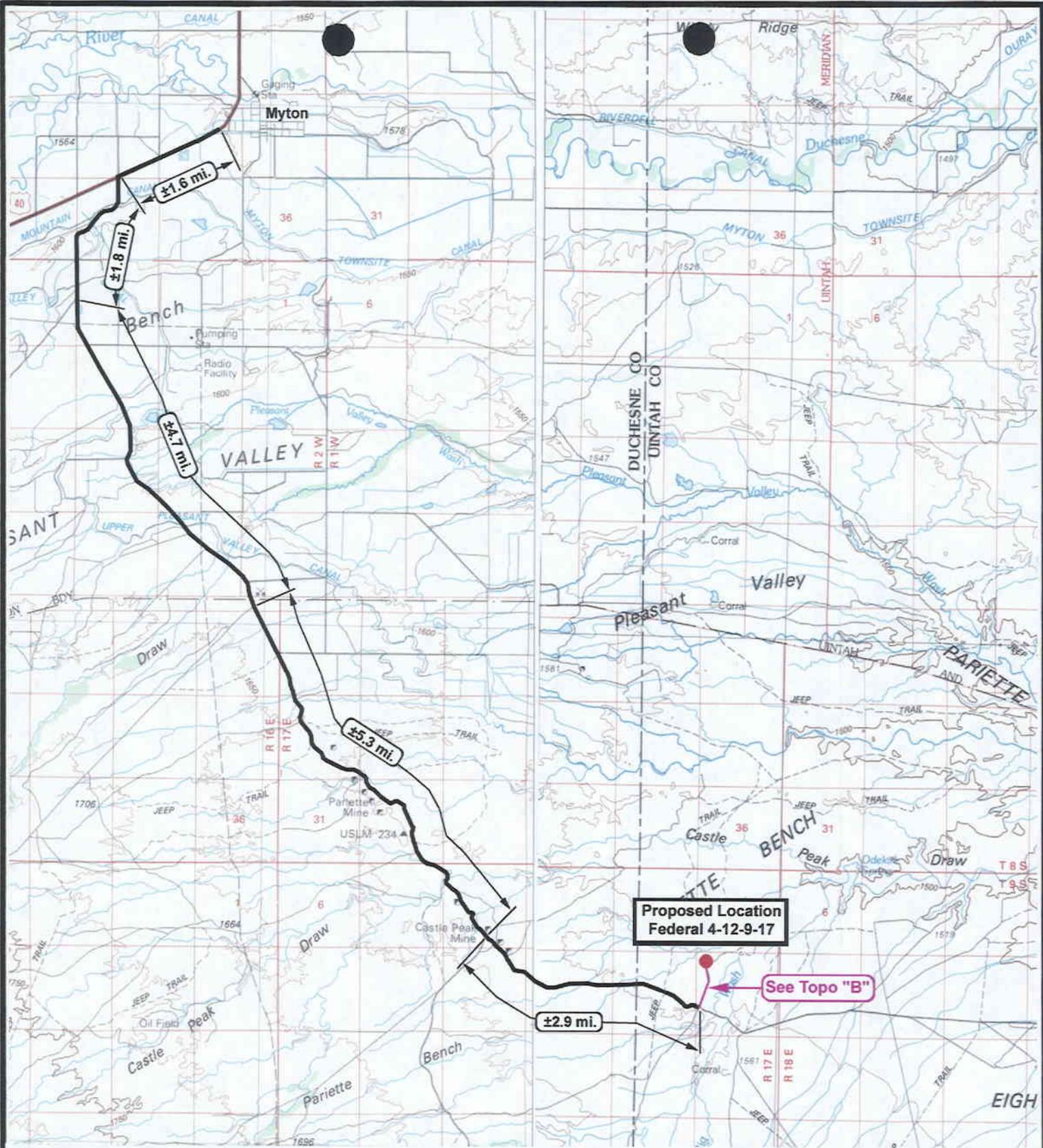
SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 1-12-04

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



**Federal 4-12-9-17  
SEC. 12, T9S, R17E, S.L.B.&M.**



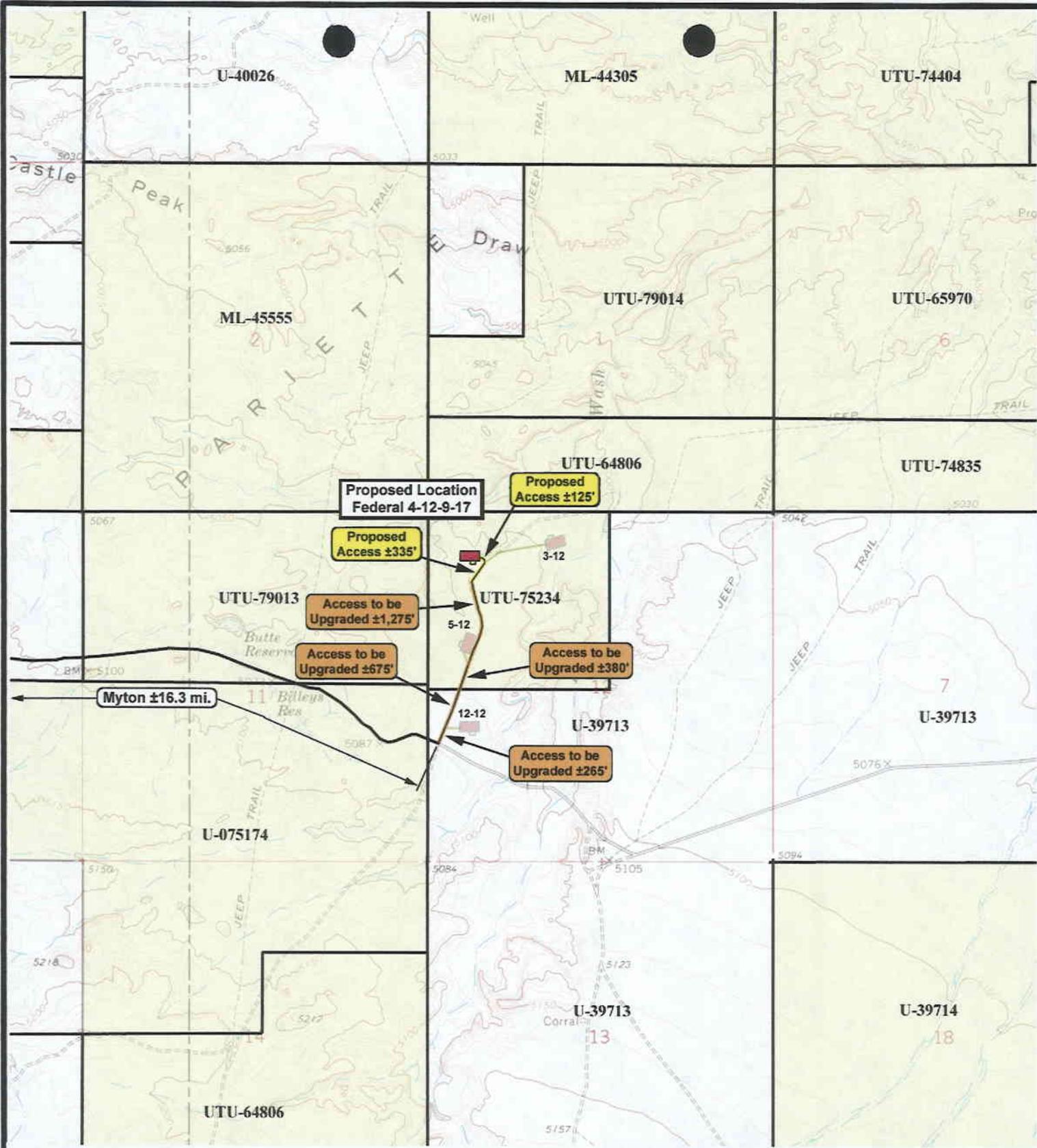
**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: R.A.B.  
DATE: 01-30-2004

**Legend**  
 Existing Road  
 Proposed Access

TOPOGRAPHIC MAP

**"A"**



**Federal 4-12-9-17  
SEC. 12, T9S, R17E, S.L.B.&M.**



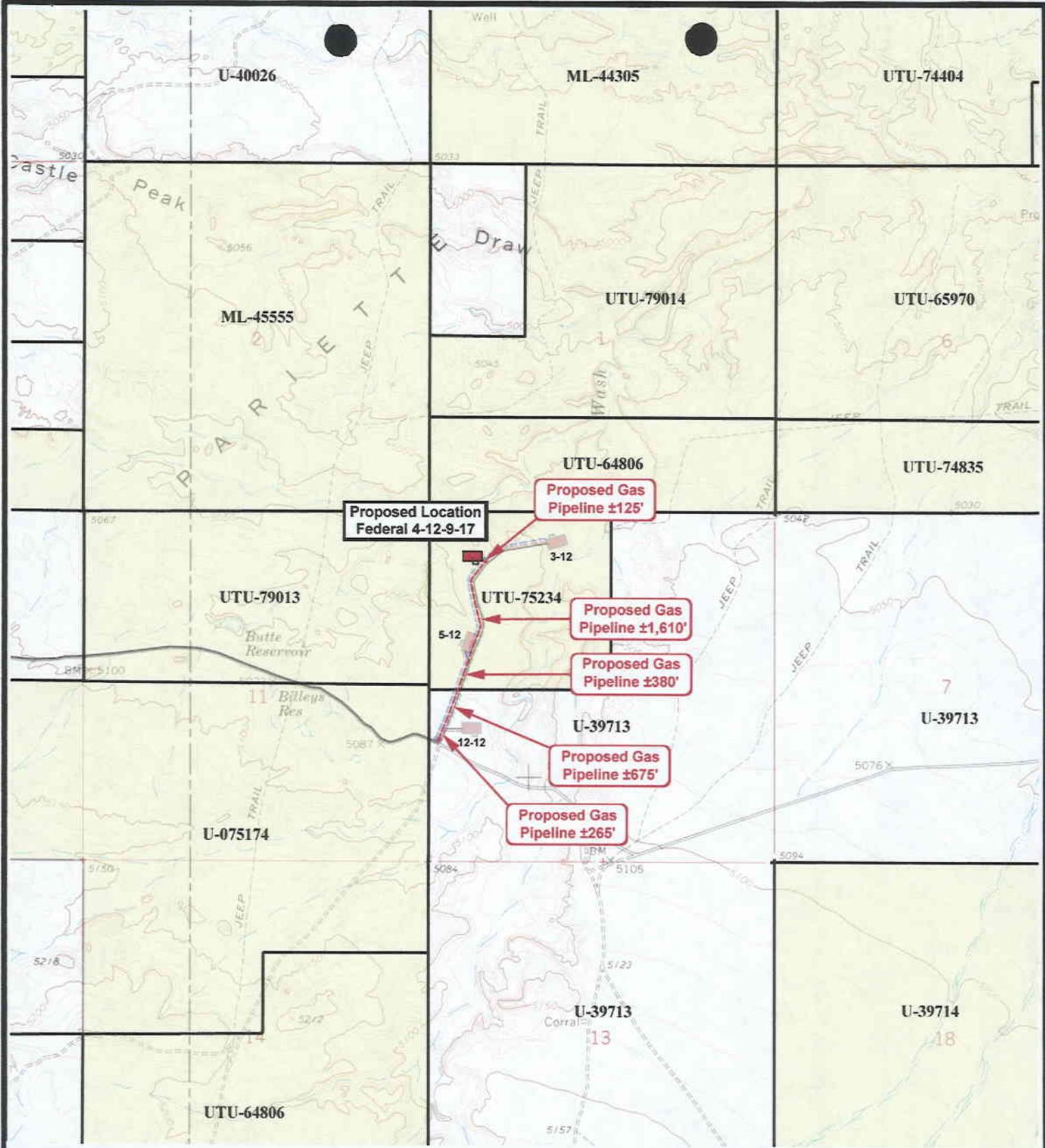
**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: R.A.B.  
DATE: 01-30-2004

Legend	
	Existing Road
	Proposed Access
	Upgraded Access

TOPOGRAPHIC MAP

**"B"**



**Federal 4-12-9-17**  
**SEC. 12, T9S, R17E, S.L.B.&M.**



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

SCALE: 1" = 2,000'  
 DRAWN BY: R.A.B.  
 DATE: 01-30-2004

**Legend**

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP  
**"C"**





# 2-M SYSTEM

Blowout Prevention Equipment Systems

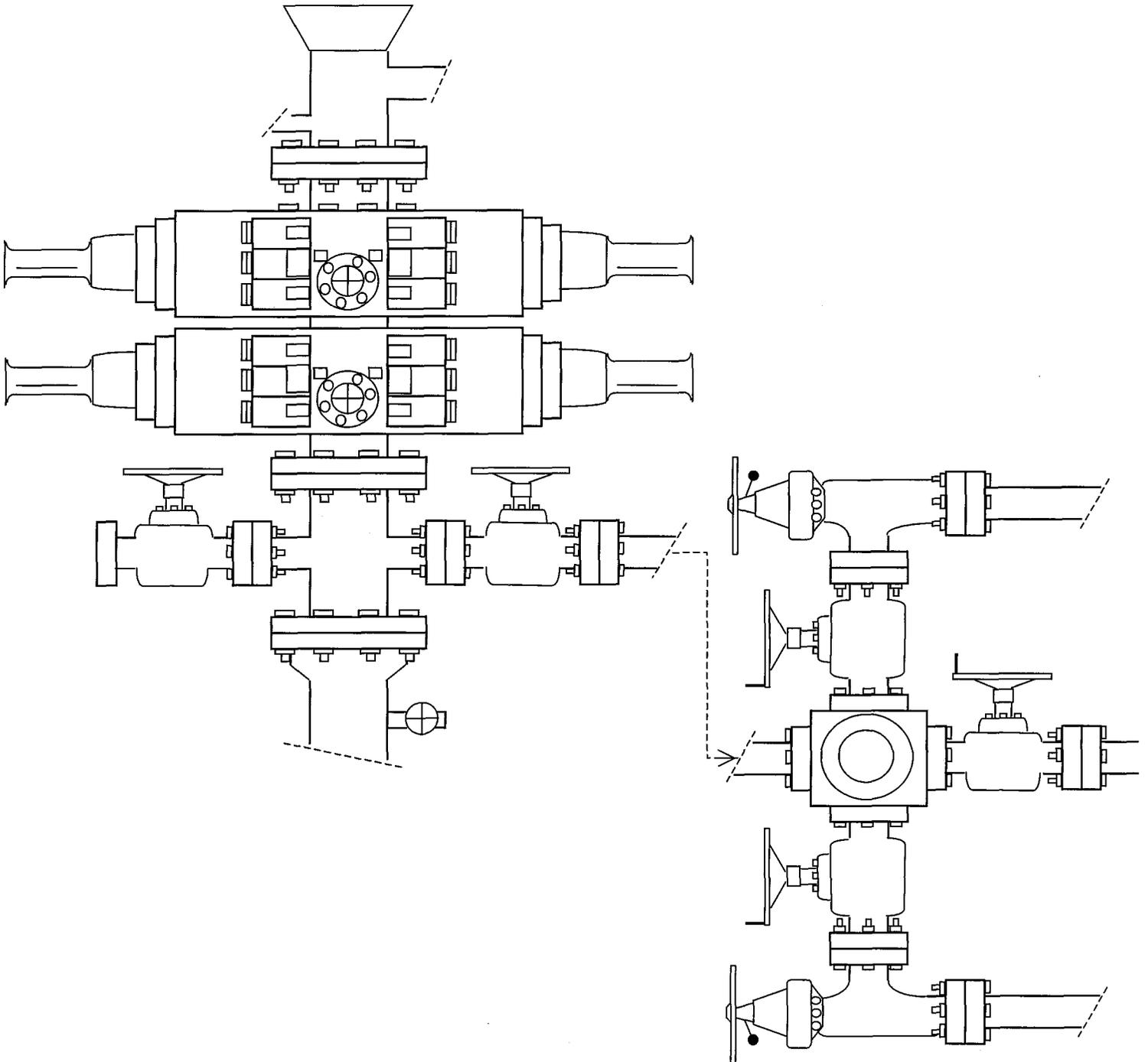


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
INLAND RESOURCES' BLOCK PARCELS IN  
T 9S, R 17E, SECTIONS 1 AND 12  
Uintah County, Utah

BY:

Mark C. Bond

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Jon D. Holst & Company  
for  
Inland Resources  
2507 Flintridge Place  
Fort Collins, CO 80521

Prepared By:

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

MOAC Report No. 03-58

May 19, 2003

United States Department of Interior (FLPMA)  
Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-03-MQ-0328b

**INLAND RESOURCES, INC.**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE AND UINTAH COUNTIES, UTAH**

(South ½ Section 6, T 9 S, R 18 E; South ½ Section 1, T 9 S, R 17 E;  
all of Sections 11 and 12, the NW, SE & NE quarters of the SW ¼ Section 10,  
the NE ¼ & SE ¼ of the SE ¼ Section 9, T 9 S, R 17 E and the SE ¼, SW ¼,  
NE ¼ and SE ¼ of the SE ¼, Section 33, T 8 S, R 17 E.)

**REPORT OF SURVEY**

Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
May 8, 2003

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/23/2004

API NO. ASSIGNED: 43-047-35520

WELL NAME: FEDERAL 4-12-9-17

OPERATOR: INLAND PRODUCTION ( N5160 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWNW 12 090S 170E  
SURFACE: 0721 FNL 0666 FWL  
BOTTOM: 0721 FNL 0666 FWL  
UINTAH  
8 MILE FLAT NORTH ( 590 )

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-75234

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

LATITUDE: 40.05068

LONGITUDE: 109.96144

RECEIVED AND/OR REVIEWED:

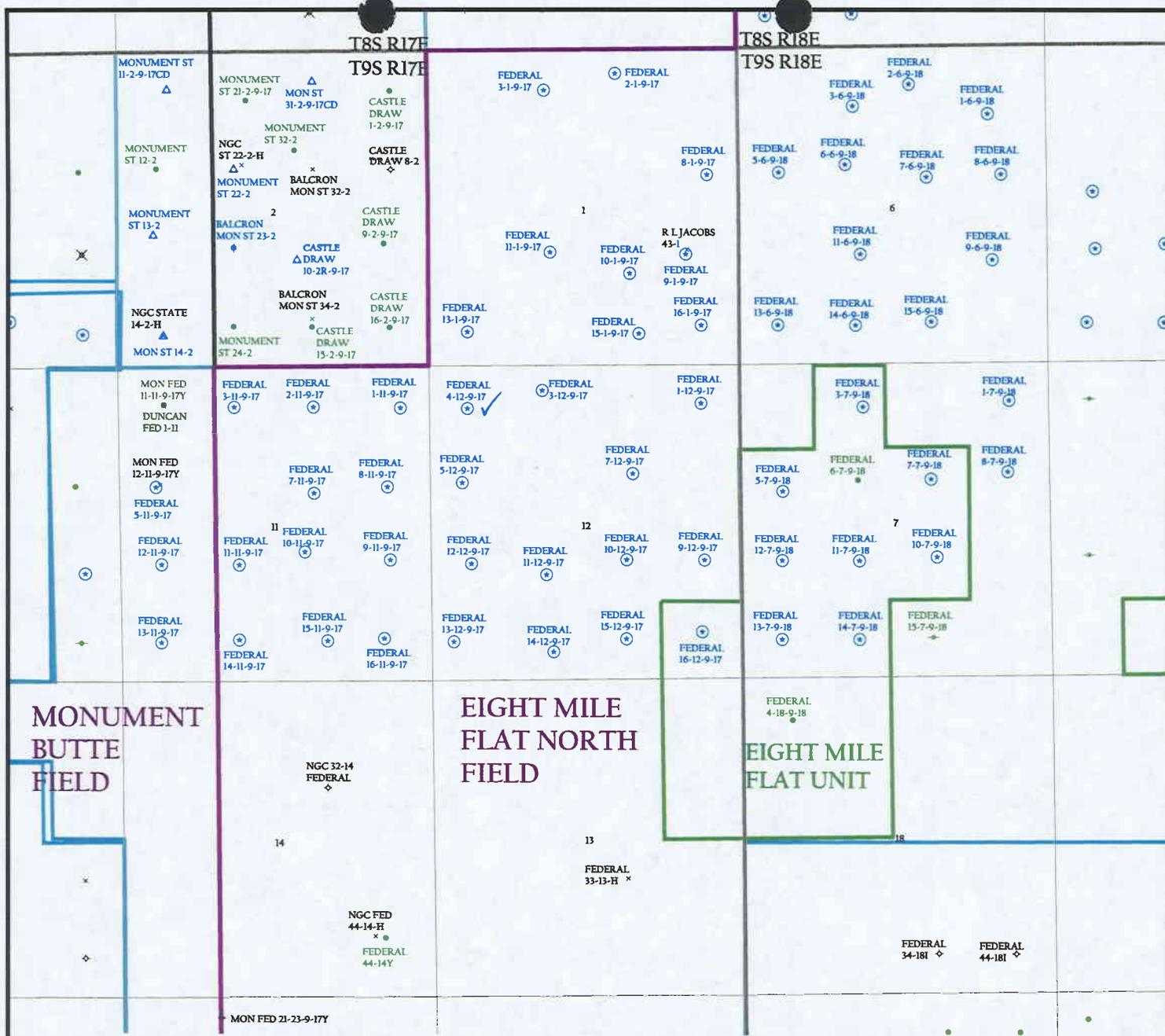
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

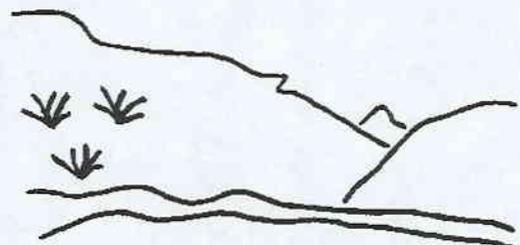
- R649-2-3.  
Unit \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS: SOP, Separate file

STIPULATIONS: 1- Federal approval  
2- Spacing SIP



**OPERATOR: INLAND PRODUCTION CO (N5160)**  
**SEC. 12 T.9S, R.17E**  
**FIELD: EIGHT MILE FLAT NORTH (590)**  
**COUNTY: UINTAH**  
**SPACING: R649-3-2 / GENERAL SITING**



Utah Oil Gas and Mining

- Wells**
- ✓ GAS INJECTION
  - GAS STORAGE
  - LOCATION ABANDONED
  - ⊙ NEW LOCATION
  - PLUGGED & ABANDONED
  - PRODUCING GAS
  - PRODUCING OIL
  - SHUT-IN GAS
  - SHUT-IN OIL
  - × TEMP. ABANDONED
  - TEST WELL
  - ▲ WATER INJECTION
  - WATER SUPPLY
  - WATER DISPOSAL

- 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



PREPARED BY: DIANA WHITNEY  
 DATE: 25-FEBRUARY-2004



State of Utah

Department of  
Natural ResourcesDivision of  
Oil, Gas & MiningROBERT L. MORGAN  
*Executive Director*LOWELL P. BRAXTON  
*Division Director*MICHAEL O. LEAVITT  
*Governor*OLENE S. WALKER  
*Lieutenant Governor*

March 1, 2004

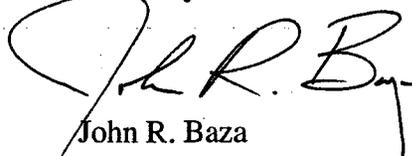
Inland Production Company  
Rt. #3, Box 3630  
Myton, UT 84052Re: Federal 4-12-9-17 Well, 721' FNL, 666' FWL, NW NW, Sec. 12, T. 9 South,  
R. 17 East, Uintah County, Utah

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 43-047-35520.

Sincerely,



John R. Baza  
Associate Director

pab  
Enclosurescc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company  
Well Name & Number Federal 4-12-9-17  
API Number: 43-047-35520  
Lease: UTU-75234

Location: NW NW Sec. 12 T. 9 South R. 17 East

### Conditions of Approval

#### 1. General

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

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

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

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

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

**OPERATOR CHANGE WORKSHEET**

**010**

Change of Operator (Well Sold)

Designation of Agent/Operator

**ROUTING**

1. GLH
2. CDW
3. FILE

**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 16-1-9-17	01	090S	170E	4304735496	14481	Federal	OW	DRL	K
FEDERAL 16-11-9-17	11	090S	170E	4304735497	99999	Federal	OW	DRL	K
FEDERAL 14-11-9-17	11	090S	170E	4304735498		Federal	OW	APD	K
FEDERAL 10-11-9-17	11	090S	170E	4304735500		Federal	OW	APD	K
FEDERAL 8-11-9-17	11	090S	170E	4304735501		Federal	OW	DRL	K
FEDERAL 2-11-9-17	11	090S	170E	4304735502		Federal	OW	DRL	K
FEDERAL 16-12-9-17	12	090S	170E	4304735516		Federal	OW	DRL	K
FEDERAL 14-12-9-17	12	090S	170E	4304735517	14500	Federal	OW	DRL	K
FEDERAL 12-12-9-17	12	090S	170E	4304735518	14497	Federal	OW	DRL	K
FEDERAL 10-12-9-17	12	090S	170E	4304735519	14482	Federal	OW	DRL	K
FEDERAL 4-12-9-17	12	090S	170E	4304735520	14553	Federal	OW	DRL	K
FEDERAL 1-4-9-18	04	090S	180E	4304735473	14533	Federal	OW	DRL	K
FEDERAL 7-4-9-18	04	090S	180E	4304735474	14499	Federal	OW	DRL	K
FEDERAL 9-4-9-18	04	090S	180E	4304735475	14530	Federal	OW	DRL	K
FEDERAL 15-4-9-18	04	090S	180E	4304735476		Federal	OW	APD	K
FEDERAL 14-5-9-18	05	090S	180E	4304735505		Federal	OW	APD	K
FEDERAL 12-5-9-18	05	090S	180E	4304735506		Federal	OW	APD	K
FEDERAL 12-7-9-18	07	090S	180E	4304735503		Federal	OW	APD	K
FEDERAL 8-7-9-18	07	090S	180E	4304735504		Federal	OW	APD	K
FEDERAL 3-17-9-18	17	090S	180E	4304735560		Federal	OW	APD	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



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>

IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

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

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

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



Geoffrey S. Connor  
Secretary of State

## Office of the Secretary of State

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

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: FEDERAL 4-12-9-17Api No: 43-047-35520 Lease Type: FEDERALSection 12 Township 09S Range 17E County UINTAHDrilling Contractor NDSI RIG # NS#1**SPUDDED:**Date 01/31/2005Time 12:00 PMHow DRY**Drilling will commence:** \_\_\_\_\_Reported by FLOYD MITCHELLTelephone # 1-435-823-3610Date 02/01/2005 Signed CHD

006

RECEIVED

FEB 04 2005

DIV. OF OIL, GAS & MINING

INLAND

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

OPERATOR ACCT. NO. N5160  
N2695

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

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		43-013-32458	Ashley Federal 10-13-9-15	NW/SE	13	9S	15E	Duchesne	January 31, 2005	
WELL 1 COMMENTS: Duplicate ep											
A	99999	14553	43-047-35520	Federal 4-12-9-17	NW/NW	12	9S	17E	Uintah	January 31, 2005	
WELL 2 COMMENTS: GRW											
B	99999	14554	43-047-35292	Federal 9-5-9-18	NE/SE	5	9S	18E	Uintah	February 2, 2005	
WELL 3 COMMENTS: GRW											
A	99999	14555	43-013-32464	Ashley Federal 6-13-9-15	SE/NW	13	9S	15E	Duchesne	February 3, 2005	
WELL 4 COMMENTS: GRW											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

(3/88)

*Kebbie S. Jones*  
 Signature  
 Production Clerk  
 Title  
 February 4, 2005  
 Date

K  
K  
K

PAGE 02  
INLAND  
4356463031  
02/04/2005 09:35

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

007

**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)  
721 FNL 666 FWL  
NW/NW Section 12 T9S R17E

5. Lease Serial No.

UTU75234

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 4-12-9-17

9. API Well No.

4304735520

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

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

On 1-31-05 MIRU NDSI NS # 1. Spud well @ 12:00PM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 310.49 KB. On 2/2/05 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 5 bbls cement to pit. WOC.

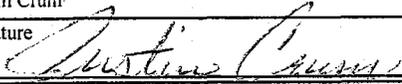
Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

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

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Justin Crum

Signature



Title

Drilling Foreman

Date

2/3/2005

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

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

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

Title

Date

Office

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

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

008

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

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU75234
2. Name of Operator Newfield Production Company		6. If Indian, Allottee or Tribe Name.
3a. Address    Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 721 FNL 666 FWL NW/NW Section 12 T9S R17E		8. Well Name and No. FEDERAL 4-12-9-17
		9. API Well No. 4304735520
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Uintah, 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 02/10/05 MIRU NDSI #2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5865'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 135 jt's of 5.5 J-55, 15.5# csgn. Set @ 5865' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld with 32 bbls good cement to pit. Nipple down Bop's. Drop slips @ 70,000 #'s tension. Release rig 5:00 am on 02/16/05.

**RECEIVED**  
**FEB 22 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 2/17/2005

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

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

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

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

009

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

5. Lease Serial No.  
UTU75234

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.  
FEDERAL 4-12-9-17

9. API Well No.  
4304735520

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Uintah, UT

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
Newfield Production Company

3a. Address    Route 3 Box 3630    3b. Phone    (include are code)  
                   Myton, UT 84052                    435.646.3721

4. Location of    (Footage, Sec., T., R., M., or Survey Description)  
                   721 FNL 666 FWL  
                   NW/NW Section 12 T9S R17E

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

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

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

Status report for time period 02/23/05-03/08/05

Subject well had completion procedures initiated in the Green River formation on 03/08/05 without the use of a service rig over the well. A cement bond log was run and a total of three Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (5719-5727') (4 JSPF); #2 (5513-5522'), (5463-5472') (All 4 JSPF); #3 (4902-4920'), (4884-4893') (All 4 JSPF). Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 3/04/05. Bridge plugs were drilled out. Well was cleaned out to PBTD @ 5810'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 5697'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 03/8/05.

RECEIVED

MAR 18 2005

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

Signature: *Tara Kinney*

Title  
Production Clerk

Date  
3/15/2005

DIV. OF OIL, GAS & MINING

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

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

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

Office \_\_\_\_\_

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

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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)

721 FNL 666 FWL

NW/NW Section 12 T9S R17E

5. Lease Serial No.

UTU75234

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 4-12-9-17

9. API Well No.

4304735520

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Uintah,UT

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple 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 recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

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

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

COPIES TO OPERATOR  
Date: 4-14-04  
Initials: CHD

RECEIVED  
APR 08 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

Date

04/07/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

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

Date

Federal Approval Of This  
Action Is Necessary

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

(Instructions on reverse)

Date: 4/14/05

By: [Signature]

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 \_\_\_\_\_

2. NAME OF OPERATOR  
 Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.  
 1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*  
 At Surface 721' FNL & 666' FWL (NW/NW) Sec. 12, T9S, R17E  
 At top prod. Interval reported below

14. API NO. 43-047-35520 DATE ISSUED 3/1/04

12. COUNTY OR PARISH Uintah 13. STATE UT

15. DATE SPUDDED 1/31/05 16. DATE T.D. REACHED 2/15/05 17. DATE COMPL. (Ready to prod.) 3/8/05 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5057' GL 19. ELEV. CASINGHEAD 5069' KB

20. TOTAL DEPTH, MD & TVD 5865' 21. PLUG BACK T.D., MD & TVD 5810' 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY -----> ROTARY TOOLS X CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
 Green River 4884'-5727'

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#	5854'	7-7/8"	300 sx Premlite II and 400 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 @ 5697'	TA @ 5593'

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
(CP5) 5719'-5727'	.41"	4/32	5719'-5727'	Frac w/ 20,094# 20/40 sand in 287 bbls fluid
(CP1&CP2) 5463'-5472', 5513'-5522'	.41"	4/72	5463'-5522'	Frac w/ 60,114# 20/40 sand in 494 bbls fluid
(B1&B2) 4884'-4893', 4902'-4920'	.41"	4/108	4884'-4920'	Frac w/162,746# 20/40 sand in 1100 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION 3/8/05 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' 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			----->	29	4	42	138

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 5/27/2005

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JUN 01 2005





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
3180  
UT-922

June 30, 2005

Newfield Production Company  
Attn: Kelly L. Donohoue  
1401 Seventeenth Street, Suite 1000  
Denver, Colorado 80202

Gentlemen:

The Sundance (Green River) Unit Agreement, Uintah County, Utah, was approved June 30, 2005. This agreement has been designated No. UTU82472X, and is effective July 1, 2005. The unit area embraces 11,143.86 acres, more or less.

Pursuant to regulations issued and effective June 17, 1988, all operations within the Sundance (Green River) Unit will be covered by your nationwide (Utah) oil and gas bond No. 0056.

The following leases embrace lands included within the unit area:

UTU0075174	UTU39713	UTU65970*	UTU79013*
UTU16539*	UTU39714	UTU74404	UTU79014*
UTU16540	UTU44429	UTU74835	UTU80915
UTU17424*	UTU64806*	UTU74872*	UTU82205
UTU18043	UTU65969	UTU75234	

\* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

All lands and interests by State of Utah, Cause No. 228-08 are fully committed.

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

RECEIVED

JUL 01 2005

DIV. OF OIL, GAS & MINING

*Docket No  
2005-009*

We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources. Certification-Determination, signed by the School and Institutional Trust Land Administration for the State of Utah, is attached to the enclosed agreement. We request that you furnish the State of Utah and all other interested principals with appropriate evidence of this approval.

Sincerely,

/s/ Terry Catlin

Terry Catlin  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Mary Higgins w/enclosure  
MMS - Data Management Division (Attn: James Sykes)  
Trust Lands Administration  
Division of Oil, Gas and Mining  
Field Manager - Vernal w/enclosure  
File - Sundance (Green River) Unit w/enclosure  
Agr. Sec. Chron  
Fluid Chron  
Central Files

UT922:TAThompson:tt:06/30/2005

## Entity Form 6

"C" Change from one existing entity to another existing entity

API	Well	Sec	Twsp	Rng	Entity	Entity Eff Date
4304734465	SUNDANCE 15-32-8-18	32	080S	180E	13978 to 14844	9/20/2005
4304734466	SUNDANCE 16-32-8-18	32	080S	180E	14028 to 14844	9/20/2005
4304735090	FEDERAL 10-1-9-17	01	090S	170E	14421 to 14844	9/20/2005
4304735179	FEDERAL 9-1-9-17	01	090S	170E	14075 to 14844	9/20/2005
4304735180	FEDERAL 11-1-9-17	01	090S	170E	14105 to 14844	9/20/2005
4304735181	FEDERAL 13-1-9-17	01	090S	170E	14101 to 14844	9/20/2005
4304735182	FEDERAL 15-1-9-17	01	090S	170E	14094 to 14844	9/20/2005
4304735496	FEDERAL 16-1-9-17	01	090S	170E	14481 to 14844	9/20/2005
4304735156	FEDERAL 1-11-9-17	11	090S	170E	14321 to 14844	9/20/2005
4304735157	FEDERAL 7-11-9-17	11	090S	170E	14249 to 14844	9/20/2005
4304735158	FEDERAL 9-11-9-17	11	090S	170E	14250 to 14844	9/20/2005
4304735159	FEDERAL 11-11-9-17	11	090S	170E	14287 to 14844	9/20/2005
4304735160	FEDERAL 15-11-9-17	11	090S	170E	14302 to 14844	9/20/2005
4304735295	FEDERAL 3-11-9-17	11	090S	170E	14258 to 14844	9/20/2005
4304735497	FEDERAL 16-11-9-17	11	090S	170E	14568 to 14844	9/20/2005
4304735498	FEDERAL 14-11-9-17	11	090S	170E	14621 to 14844	9/20/2005
4304735500	FEDERAL 10-11-9-17	11	090S	170E	14587 to 14844	9/20/2005
4304735501	FEDERAL 8-11-9-17	11	090S	170E	14578 to 14844	9/20/2005
4304735502	FEDERAL 2-11-9-17	11	090S	170E	14588 to 14844	9/20/2005
4304735769	FEDERAL 6-11-9-17	11	090S	170E	14595 to 14844	9/20/2005
4304735162	FEDERAL 3-12-9-17	12	090S	170E	14343 to 14844	9/20/2005
4304735163	FEDERAL 1-12-9-17	12	090S	170E	14361 to 14844	9/20/2005
4304735164	FEDERAL 5-12-9-17	12	090S	170E	14344 to 14844	9/20/2005
4304735165	FEDERAL 7-12-9-17	12	090S	170E	14347 to 14844	9/20/2005
4304735166	FEDERAL 9-12-9-17	12	090S	170E	14391 to 14844	9/20/2005
4304735167	FEDERAL 11-12-9-17	12	090S	170E	14345 to 14844	9/20/2005
4304735168	FEDERAL 13-12-9-17	12	090S	170E	14305 to 14844	9/20/2005
4304735169	FEDERAL 15-12-9-17	12	090S	170E	14346 to 14844	9/20/2005
4304735516	FEDERAL 16-12-9-17	12	090S	170E	14569 to 14844	9/20/2005
4304735517	FEDERAL 14-12-9-17	12	090S	170E	14500 to 14844	9/20/2005
4304735518	FEDERAL 12-12-9-17	12	090S	170E	14497 to 14844	9/20/2005
4304735519	FEDERAL 10-12-9-17	12	090S	170E	14482 to 14844	9/20/2005
4304735520	FEDERAL 4-12-9-17	12	090S	170E	14553 to 14844	9/20/2005
4304735748	FEDERAL 8-12-9-17	12	090S	170E	14483 to 14844	9/20/2005
4304735749	FEDERAL 6-12-9-17	12	090S	170E	14498 to 14844	9/20/2005
4304735750	FEDERAL 2-12-9-17	12	090S	170E	14484 to 14844	9/20/2005

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-75234
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> FEDERAL 4-12-9-17
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43047355200000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0721 FNL 0666 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 12 Township: 09.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/21/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 05/20/2013. Initial MIT on the above listed well. On 05/21/2013 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 90 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09980

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
June 05, 2013**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/22/2013	

## Mechanical Integrity Test

### Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 5/21/13  
 Test conducted by: ZART Stubbs  
 Others present: Brendan Curry

-09980

Well Name: <u>Fcd. 4-12-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Greater Monument Butte</u>		
Location: <u>4</u> Sec: <u>12</u> T <u>9</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W	County: <u>Uintah</u>	State: <u>Utah</u>
Operator: <u>Newfield Production Company</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test?     Yes     No  
 Initial test for permit?                 Yes     No  
 Test after well rework?                 Yes     No  
 Well injecting during test?             Yes     No      If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0 / 90 psig

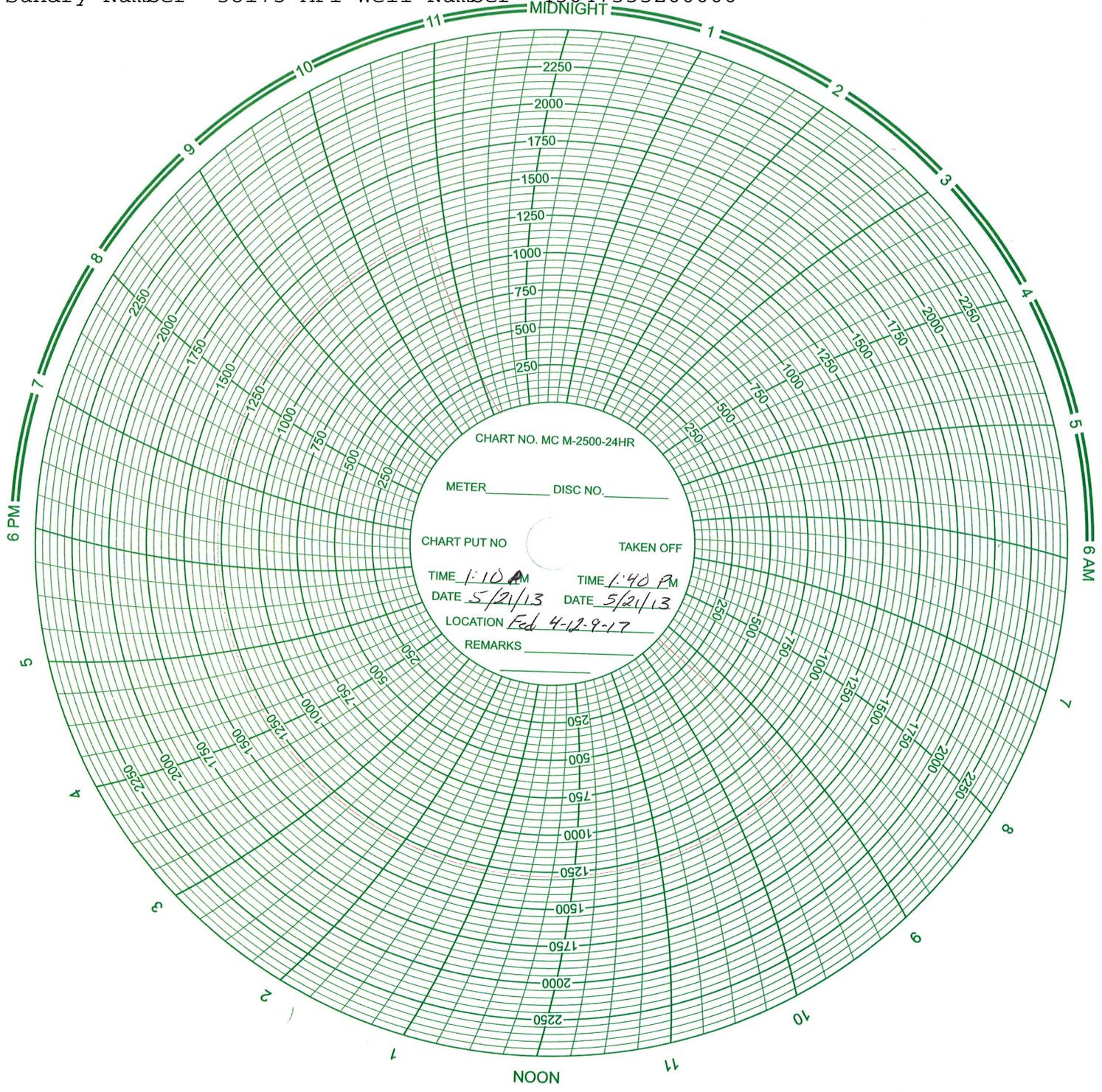
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	90 psig	psig	psig
End of test pressure	90 psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	1260 psig	psig	psig
5 minutes	1260 psig	psig	psig
10 minutes	1260 psig	psig	psig
15 minutes	1260 psig	psig	psig
20 minutes	1260 psig	psig	psig
25 minutes	1260 psig	psig	psig
30 minutes	1260 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?     Yes     No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

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



**Daily Activity Report****Format For Sundry****FEDERAL 4-12-9-17****3/1/2013 To 7/30/2013****5/15/2013 Day: 1****Conversion**

wws #3 on 5/15/2013 - NIRU rd pumping unit unable to pump down tbg pump 20 bbl down csg 40 bbl down tbg unseat pump - NIRU rd pumping unit unable to pump down tbg pump 20 bbl down csg 40 bbl down tbg unseat pump w/ 6000 over string WT LD rods AS follows 1-2x7/8 pooh 98-7/8 guide rods 119-3/4 guded 6-1-1/2 WT bar pump flush 3 times w/ total 60 bbl on TOOHD Well head unable to release TAC NU BOPS plus tubing equip work tac. 2 hrs RU RBS power swivel cont. - NIRU rd pumping unit unable to pump down tbg pump 20 bbl down csg 40 bbl down tbg unseat pump w/ 6000 over string WT LD rods AS follows 1-2x7/8 pooh 98-7/8 guide rods 119-3/4 guded 6-1-1/2 WT bar pump flush 3 times w/ total 60 bbl on TOOHD Well head unable to release TAC NU BOPS plus tubing equip work tac. 2 hrs RU RBS power swivel cont. - pump 60 bbl down tbg bleed down well cont working TAC 3 hrsRD RBS power swivel RU Wire line RU free point tbg stuck @ tec LD free point TIH w/c chemical cutter wire line worked tbg free TOOHD w/tbg find hole inj 101 cont. tooh - pump 60 bbl down tbg bleed down well cont working TAC 3 hrsRD RBS power swivel RU Wire line RU free point tbg stuck @ tec LD free point TIH w/c chemical cutter wire line worked tbg free TOOHD w/tbg find hole inj 101 cont. tooh - NIRU rd pumping unit unable to pump down tbg pump 20 bbl down csg 40 bbl down tbg unseat pump w/ 6000 over string WT LD rods AS follows 1-2x7/8 pooh 98-7/8 guide rods 119-3/4 guded 6-1-1/2 WT bar pump flush 3 times w/ total 60 bbl on TOOHD Well head unable to release TAC NU BOPS plus tubing equip work tac. 2 hrs RU RBS power swivel cont. - NIRU rd pumping unit unable to pump down tbg pump 20 bbl down csg 40 bbl down tbg unseat pump w/ 6000 over string WT LD rods AS follows 1-2x7/8 pooh 98-7/8 guide rods 119-3/4 guded 6-1-1/2 WT bar pump flush 3 times w/ total 60 bbl on TOOHD Well head unable to release TAC NU BOPS plus tubing equip work tac. 2 hrs RU RBS power swivel cont. - pump 60 bbl down tbg bleed down well cont working TAC 3 hrsRD RBS power swivel RU Wire line RU free point tbg stuck @ tec LD free point TIH w/c chemical cutter wire line worked tbg free TOOHD w/tbg find hole inj 101 cont. tooh - pump 60 bbl down tbg bleed down well cont working TAC 3 hrsRD RBS power swivel RU Wire line RU free point tbg stuck @ tec LD free point TIH w/c chemical cutter wire line worked tbg free TOOHD w/tbg find hole inj 101 cont. tooh - NIRU rd pumping unit unable to pump down tbg pump 20 bbl down csg 40 bbl down tbg unseat pump w/ 6000 over string WT LD rods AS follows 1-2x7/8 pooh 98-7/8 guide rods 119-3/4 guded 6-1-1/2 WT bar pump flush 3 times w/ total 60 bbl on TOOHD Well head unable to release TAC NU BOPS plus tubing equip work tac. 2 hrs RU RBS power swivel cont. - NIRU rd pumping unit unable to pump down tbg pump 20 bbl down csg 40 bbl down tbg unseat pump w/ 6000 over string WT LD rods AS follows 1-2x7/8 pooh 98-7/8 guide rods 119-3/4 guded 6-1-1/2 WT bar pump flush 3 times w/ total 60 bbl on TOOHD Well head unable to release TAC NU BOPS plus tubing equip work tac. 2 hrs RU RBS power swivel cont. - pump 60 bbl down tbg bleed down well cont working TAC 3 hrsRD RBS power swivel RU Wire line RU free point tbg stuck @ tec LD free point TIH w/c chemical cutter wire line worked tbg free TOOHD w/tbg find hole inj 101 cont. tooh - pump 60 bbl down tbg bleed down well cont working TAC 3 hrsRD RBS power swivel RU Wire line RU free point tbg stuck @ tec LD free point TIH w/c chemical cutter wire line worked tbg free TOOHD w/tbg find hole inj 101 cont. tooh - NIRU rd pumping unit unable to pump down tbg pump 20 bbl down csg 40 bbl down tbg unseat pump w/ 6000 over string WT LD rods AS follows 1-2x7/8 pooh 98-7/8 guide rods 119-3/4 guded 6-1-1/2 WT bar pump flush 3 times w/ total 60 bbl on TOOHD Well head unable to release TAC NU BOPS plus tubing equip work tac. 2 hrs RU RBS power swivel cont. - NIRU rd pumping unit unable to pump down tbg pump 20 bbl down csg 40 bbl down tbg unseat pump w/ 6000 over string WT LD rods AS follows 1-2x7/8 pooh 98-7/8 guide rods 119-3/4 guded 6-1-1/2 WT bar pump flush 3 times w/ total 60 bbl on TOOHD Well head unable to release TAC NU BOPS plus tubing equip work tac. 2 hrs RU RBS power swivel cont. -

pump 60 bbl down tbg bleed down well cont working TAC 3 hrsRD RBS power swivel RU Wire line RU free point tbg stuck @ tec LD free point TIH w/c chemical cutter wire line worked tbg free TOO H w/tbg find hole inj 101 cont. tooh - pump 60 bbl down tbg bleed down well cont working TAC 3 hrsRD RBS power swivel RU Wire line RU free point tbg stuck @ tec LD free point TIH w/c chemical cutter wire line worked tbg free TOO H w/tbg find hole inj 101 cont. tooh - NIRU rd pumping unit unable to pump down tbg pump 20 bbl down csg 40 bbl down tbg unseat pump w/ 6000 over string WT LD rods AS follows 1-2x7/8 pooh 98-7/8 guide rods 119-3/4 guded 6-1-1/2 WT bar pump flush 3 times w/ total 60 bbl on TOO H ND Well head unable to release TAC NU BOPS plus tubing equip work tac. 2 hrs RU RBS power swivel cont. - NIRU rd pumping unit unable to pump down tbg pump 20 bbl down csg 40 bbl down tbg unseat pump w/ 6000 over string WT LD rods AS follows 1-2x7/8 pooh 98-7/8 guide rods 119-3/4 guded 6-1-1/2 WT bar pump flush 3 times w/ total 60 bbl on TOO H ND Well head unable to release TAC NU BOPS plus tubing equip work tac. 2 hrs RU RBS power swivel cont. - pump 60 bbl down tbg bleed down well cont working TAC 3 hrsRD RBS power swivel RU Wire line RU free point tbg stuck @ tec LD free point TIH w/c chemical cutter wire line worked tbg free TOO H w/tbg find hole inj 101 cont. tooh - pump 60 bbl down tbg bleed down well cont working TAC 3 hrsRD RBS power swivel RU Wire line RU free point tbg stuck @ tec LD free point TIH w/c chemical cutter wire line worked tbg free TOO H w/tbg find hole inj 101 cont. tooh - NIRU rd pumping unit unable to pump down tbg pump 20 bbl down csg 40 bbl down tbg unseat pump w/ 6000 over string WT LD rods AS follows 1-2x7/8 pooh 98-7/8 guide rods 119-3/4 guded 6-1-1/2 WT bar pump flush 3 times w/ total 60 bbl on TOO H ND Well head unable to release TAC NU BOPS plus tubing equip work tac. 2 hrs RU RBS power swivel cont. - NIRU rd pumping unit unable to pump down tbg pump 20 bbl down csg 40 bbl down tbg unseat pump w/ 6000 over string WT LD rods AS follows 1-2x7/8 pooh 98-7/8 guide rods 119-3/4 guded 6-1-1/2 WT bar pump flush 3 times w/ total 60 bbl on TOO H ND Well head unable to release TAC NU BOPS plus tubing equip work tac. 2 hrs RU RBS power swivel cont. - pump 60 bbl down tbg bleed down well cont working TAC 3 hrsRD RBS power swivel RU Wire line RU free point tbg stuck @ tec LD free point TIH w/c chemical cutter wire line worked tbg free TOO H w/tbg find hole inj 101 cont. tooh - pump 60 bbl down tbg bleed down well cont working TAC 3 hrsRD RBS power swivel RU Wire line RU free point tbg stuck @ tec LD free point TIH w/c chemical cutter wire line worked tbg free TOO H w/tbg find hole inj 101 cont. tooh **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$23,880

**5/16/2013 Day: 3**

**Conversion**

wws #3 on 5/16/2013 - Pumped 60 bbl down tbg w/ hot oiler cont TIH w/ fishing tools and tbg - Pumped 60 bbl down tbg w/ hot oiler cont TIH w/ fishing tools and tbg to 5565 well clean of scale latch on to fish jar on tac for 2-hrs work fish from 5565 to 5540 in 3 hrs possibly last fish TIH to and clean out scale and sand to pb. Well clean and latch on to fish TOO H fish hung up from - Pumped 60 bbl down tbg w/ hot oiler cont TIH w/ fishing tools and tbg to 5565 well clean of scale latch on to fish jar on tac for 2-hrs work fish from 5565 to 5540 in 3 hrs possibly last fish TIH to and clean out scale and sand to pb. Well clean and latch on to fish TOO H fish hung up from - Pumped 60 bbl down tbg w/ hot oiler cont TIH w/ fishing tools and tbg to 5565 well clean of scale latch on to fish jar on tac for 2-hrs work fish from 5565 to 5540 in 3 hrs possibly last fish TIH to and clean out scale and sand to pb. Well clean and latch on to fish TOO H fish hung up from - Pumped 60 bbl down tbg w/ hot oiler cont TIH w/ fishing tools and tbg to 5565 well clean of scale latch on to fish jar on tac for 2-hrs work fish from 5565 to 5540 in 3 hrs possibly last fish TIH to and clean out scale and sand to pb. Well clean and latch on to fish TOO H fish hung up from - Pumped 60 bbl down tbg w/ hot oiler cont TIH w/ fishing tools and tbg to 5565 well clean of scale latch on to fish jar on tac for 2-hrs work fish from 5565 to 5540 in 3 hrs possibly last fish TIH to and clean out scale and sand to pb. Well clean and latch on to fish TOO H fish hung up from - Pumped 60 bbl down tbg w/ hot oiler cont TIH w/ fishing tools and tbg to 5565 well clean of scale latch on to fish jar on tac

for 2-hrs work fish from 5565 to 5540 in 3 hrs possibly last fish TIH to and clean out scale and sand to pb. Well clean and latch on to fish TOO H fish hung up from **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$46,350

**5/19/2013 Day: 4**

**Conversion**

wws #3 on 5/19/2013 - pump 60 bbl down tbg cont tooh w/tbg fishing tools ND bops TOO H - pump 60 bbl down tbg cont tooh w/tbg fishing tools ND bops TOO H w/ fishing tools no fish flush w/ 20 bbl on TOO H nu bops wait on fishing tools clean rig and equipment. - pump 60 bbl down tbg cont tooh w/tbg fishing tools ND bops TOO H w/ fishing tools no fish flush w/ 20 bbl on TOO H nu bops wait on fishing tools clean rig and equipment. - pump 60 bbl down tbg cont tooh w/tbg fishing tools ND bops TOO H w/ fishing tools no fish flush w/ 20 bbl on TOO H nu bops wait on fishing tools clean rig and equipment. - pump 60 bbl down tbg cont tooh w/tbg fishing tools ND bops TOO H w/ fishing tools no fish flush w/ 20 bbl on TOO H nu bops wait on fishing tools clean rig and equipment. - pump 60 bbl down tbg cont tooh w/tbg fishing tools ND bops TOO H w/ fishing tools no fish flush w/ 20 bbl on TOO H nu bops wait on fishing tools clean rig and equipment. - pump 60 bbl down tbg cont tooh w/tbg fishing tools ND bops TOO H w/ fishing tools no fish flush w/ 20 bbl on TOO H nu bops wait on fishing tools clean rig and equipment. - pump 60 bbl down tbg cont tooh w/tbg fishing tools ND bops TOO H w/ fishing tools no fish flush w/ 20 bbl on TOO H nu bops wait on fishing tools clean rig and equipment. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$57,582

**5/21/2013 Day: 5**

**Conversion**

wws #3 on 5/21/2013 - Cont TOO H w/fish draging LD fish TOOLS - Flush tnb g w/25 bbl con TOO H breaking and redo pe total 139 jts LD 33 jts put TIH W/ wire line re-entry guid X-N nipple 4x 2-3/8 PUP jt 2-7/8x2-3/8 x-out AS-1 phr on-off tool PSN 139 JTS. Pump 0 bbl Drop SV Pump 15 BBL press tbs to 3000 psi replaced 18 collars on tb g get good test at 200pm fish sv rd floor ND BOPS land tb g w/ b-1 adaptor flange pump 55 bbl fresh weater and pkr fluid set AS-1 pkr fluid set w/15000 tension land tb g w/ 3-k inj tree NU well head press csg up to 1400 w/8 bbl got a good test. - Flush tnb g w/25 bbl con TOO H breaking and redo pe total 139 jts LD 33 jts put TIH W/ wire line re-entry guid X-N nipple 4x 2-3/8 PUP jt 2-7/8x2-3/8 x-out AS-1 phr on-off tool PSN 139 JTS. Pump 0 bbl Drop SV Pump 15 BBL press tbs to 3000 psi replaced 18 collars on tb g get good test at 200pm fish sv rd floor ND BOPS land tb g w/ b-1 adaptor flange pump 55 bbl fresh weater and pkr fluid set AS-1 pkr fluid set w/15000 tension land tb g w/ 3-k inj tree NU well head press csg up to 1400 w/8 bbl got a good test. - Cont TOO H w/fish draging LD fish TOOLS@1:00 TIH w/ 164 JTS TBG w/30 BBL GIH TONGS break and redo pe and Tolley 120 jt CWI@600. - Cont TOO H w/fish draging LD fish TOOLS@1:00 TIH w/ 164 JTS TBG w/30 BBL GIH TONGS break and redo pe and Tolley 120 jt CWI@600. - Flush tnb g w/25 bbl con TOO H breaking and redo pe total 139 jts LD 33 jts put TIH W/ wire line re-entry guid X-N nipple 4x 2-3/8 PUP jt 2-7/8x2-3/8 x-out AS-1 phr on-off tool PSN 139 JTS. Pump 0 bbl Drop SV Pump 15 BBL press tbs to 3000 psi replaced 18 collars on tb g get good test at 200pm fish sv rd floor ND BOPS land tb g w/ b-1 adaptor flange pump 55 bbl fresh weater and pkr fluid set AS-1 pkr fluid set w/15000 tension land tb g w/ 3-k inj tree NU well head press csg up to 1400 w/8 bbl got a good test. - Flush tnb g w/25 bbl con TOO H breaking and redo pe total 139 jts LD 33 jts put TIH W/ wire line re-entry guid X-N nipple 4x 2-3/8 PUP jt 2-7/8x2-3/8 x-out AS-1 phr on-off tool PSN 139 JTS. Pump 0 bbl Drop SV Pump 15 BBL press tbs to 3000 psi replaced 18 collars on tb g get good



GIH TONGS break and redope and Tolley 120 jt CWI@600. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$65,964

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**5/22/2013 Day: 7**

**Conversion**

Rigless on 5/22/2013 - Conduct initial MIT - Initial MIT on the above listed well. On 05/21/2013 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 90 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09980 - Initial MIT on the above listed well. On 05/21/2013 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 90 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09980 - Initial MIT on the above listed well. On 05/21/2013 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 90 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09980 - Initial MIT on the above listed well. On 05/21/2013 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 90 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09980 - Initial MIT on the above listed well. On 05/21/2013 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 90 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09980 - Initial MIT on the above listed well. On 05/21/2013 the casing was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 90 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09980 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$99,178

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-75234
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> FEDERAL 4-12-9-17
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43047355200000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0721 FNL 0666 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 12 Township: 09.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/6/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text" value="Commence Injection"/>

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

The above reference well was put on injection at 2:30 PM on  
06/06/2013. EPA # UT22197-09980

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
June 06, 2013**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/6/2013	

**NEWFIELD**



**Schematic**

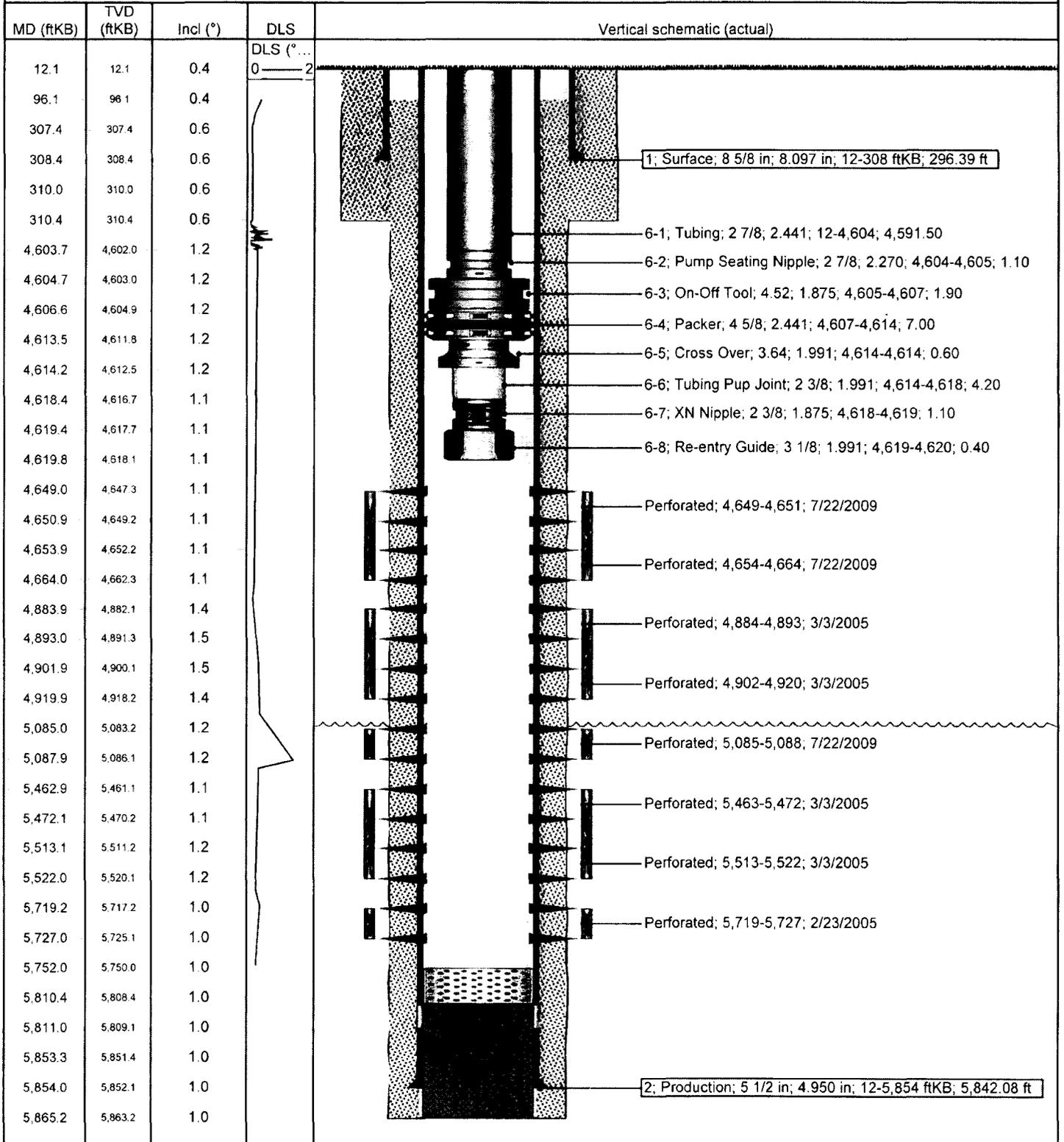
**Well Name: Federal 4-12-9-17**

43-047-35520

Surface Legal Location 12-9S-17E		API/UWI 43047355200000	Well RC 500151109	Lease	State/Province Utah	Field Name GMBU CTB8	County Uintah
Spud Date	Rig Release Date	On Production Date 3/8/2005	Original KB Elevation (ft) 5,069	Ground Elevation (ft) 5,057	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - 5,810.5

<b>Most Recent Job</b>				
Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 5/15/2013	Job End Date 5/22/2013

**TD: 5,865.0** Vertical - Original Hole, 1/14/2016 11:25:23 AM



# NEWFIELD



## Newfield Wellbore Diagram Data Federal 4-12-9-17

Surface Legal Location 12-9S-17E		APU/A# 43047355200000		Lease	
County Uintah		State/Province Utah		Basin	
Well Start Date 1/31/2005		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,069		Ground Elevation (ft) 5,057		Total Depth (ftKB) 5,865.0	
				Total Depth All (TVD) (ftKB)	
				FBTD (All) (ftKB) Original Hole - 5,810.5	

### Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	1/31/2005	8 5/8	8.097	24.00	J-55	308
Production	2/16/2005	5 1/2	4.950	15.50	J-55	5,854

### Cement

#### String: Surface, 308ftKB 1/31/2005

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

#### String: Production, 5,854ftKB 2/16/2005

Cementing Company BJ Services Company		Top Depth (ftKB) 96.0	Bottom Depth (ftKB) 5,865.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake .5% SM		Fluid Type Lead	Amount (sacks) 300	Class Premit II	Estimated Top (ftKB) 96.0
Fluid Description 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM		Fluid Type Tail	Amount (sacks) 400	Class 50/50 POZ	Estimated Top (ftKB) 2,884.5

### Tubing Strings

Tubing Description		Run Date		Set Depth (ftKB)				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	169	2 7/8	2.441	6.50	J-55	4,591.50	12.0	4,603.5
Pump Seating Nipple		2 7/8	2.270			1.10	4,603.5	4,604.6
On-Off Tool		4.515	1.875			1.90	4,604.6	4,606.5
Packer		4 5/8	2.441			7.00	4,606.5	4,613.5
Cross Over		3.635	1.991			0.60	4,613.5	4,614.1
Tubing Pup Joint		2 3/8	1.991			4.20	4,614.1	4,618.3
XN Nipple		2 3/8	1.875			1.10	4,618.3	4,619.4
Re-entry Guide		3 1/8	1.991			0.40	4,619.4	4,619.8

### Rod Strings

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

### Other in Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill	5,752	5,811	2/25/2011	

### Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
5	D2, Original Hole	4,649	4,651	3	120		7/22/2009
5	D2, Original Hole	4,654	4,664	3	120		7/22/2009
3	B1, Original Hole	4,884	4,893	4	90	0.430	3/3/2005
3	B2, Original Hole	4,902	4,920	4	90	0.430	3/3/2005
4	A3, Original Hole	5,085	5,088	3	120	0.490	7/22/2009
2	CP1, Original Hole	5,463	5,472	4	90	0.430	3/3/2005
2	CP2, Original Hole	5,513	5,522	4	90	0.430	3/3/2005
1	CP5, Original Hole	5,719	5,727	4	90	0.410	2/23/2005

### 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	1,750	0.74	24.9	1,415			
2	1,350	0.68	24.9	1,620			
3	2,270	0.9	24.9	2,133			
4	1,806	0.79	16.0	6,953			
5	1,627	0.88	17.0	5,056			



### Proppant

Stage#	Total Prop Vol Pumped (b)	Total Add Amount
1		Proppant White Sand 20094 lb
2		Proppant White Sand 60114 lb
3		Proppant White Sand 162746 lb
4		Proppant White Sand 3709 lb
5		Proppant White Sand 53840 lb