



July 6, 2001

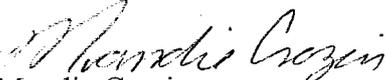
State of Utah
Division of Oil, Gas & Mining
Attn: Brad Hill
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill Well No: 3-34-8-17.

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

cc: Pleasant Valley well file

RECEIVED

JUL 07 2001

**DIVISION OF
OIL, GAS AND MINING**

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			5. LEASE DESIGNATION AND SERIAL NO. UTU-76241	
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			7. UNIT AGREEMENT NAME Greater Boundary	
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			8. FARM OR LEASE NAME WELL NO. 3-34-8-17	
2. NAME OF OPERATOR Inland Production Company			9. API WELL NO.	
3. ADDRESS OF OPERATOR Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721			10. FIELD AND POOL OR WILDCAT Monument Butte	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface NE/NW 1811' FWL 612' FNL 4436916 N 585698 E			11. SEC. T., R., M. OR BLK. AND SURVEY OR AREA NE/NW Sec. 34, T8S, R17E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 14.9 miles southeast of Myton, Utah			12. County Duchesne	13. STATE UT
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE. FT. (Also to)		16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL	
Approx. 2028' f/lse line & 2028' f/unit line		1,920.00	40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE. FT.		19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS	
Approx. 1001'		6500'	Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5067.5' GR			22. APPROX. DATE WORK WILL START* 3rd Quarter 2001	
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.

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
DATE: 7-18-01
BY: [Signature]

**Federal Approval of this
Action is Necessary**

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 **July 6, 2001**

(This space for Federal or State office use)

PERMIT NO. 43-013-32292 APPROVAL DATE _____

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE _____ DATE _____

RECEIVED
DIVISION OF
OIL, GAS AND MINING

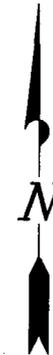
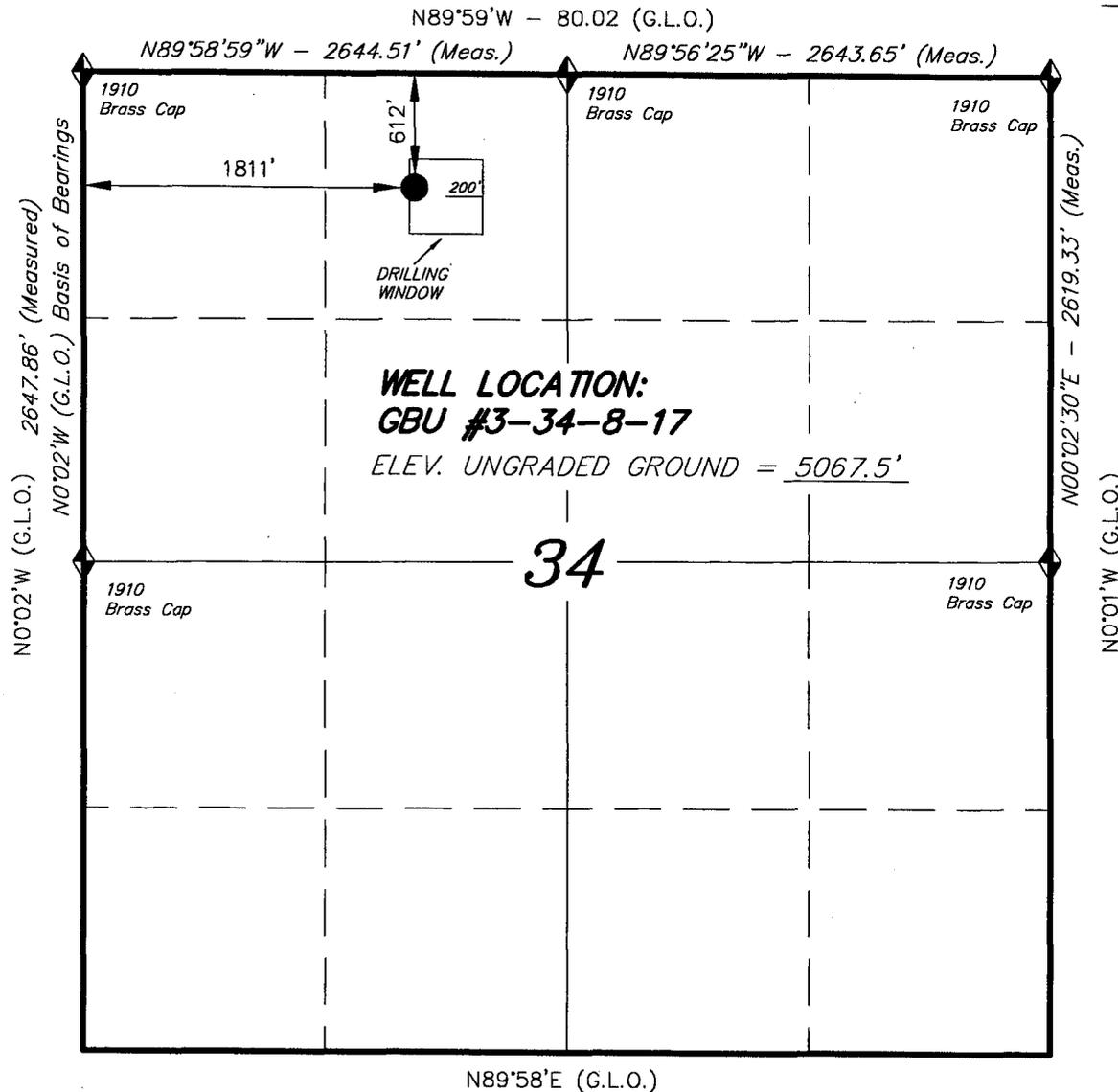
*See Instructions On Reverse Side

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.

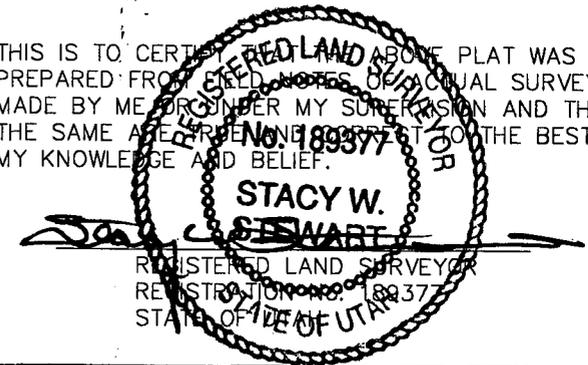
T8S, R17E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, GREATER BOUNDARY UNIT #3-34-8-17, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 34, T8S, R17E, 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 UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

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

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.J.S.

DATE: 4-4-01

WEATHER: COOL

NOTES:

FILE #

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Greater Boundary 3-34-8-17

API Number:

Lease Number: UTU-76241

GENERAL

Access well location from the northwest, off of the proposed access road for the proposed 4-34-8-17.

CULTURAL RESOURCES

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

PALEONTOLOGICAL RESOURCES

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

SOILS, WATERSHEDS, AND FLOODPLAINS

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

WILDLIFE AND FISHERIES

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

TREATENED, ENDAGERED, AND OTHER SENSITIVE SPECIES

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

OTHER

Installation of the surface gas pipeline and 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 water line area 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 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.

INLAND PRODUCTION COMPANY
GREATER BOUNDARY #3-34-8-17
NE/NW SECTION 34, T8S, R17E
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
GREATER BOUNDARY #3-34-8-17
NE/NW SECTION 34, T8S, R17E
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 Greater Boundary # 3-34-8-17 located in the NE 1/4 NW 1/4 Section 34, T8S, R17E, 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 and then easterly along Hwy 53 - 13.3 miles \pm to its junction with an existing dirt road; proceed northeasterly 1.2 miles \pm to the beginning of an existing jeep trail; proceed along the existing jeep trail 1,650' \pm to the beginning of the access road to the proposed 4-34 8-17; proceed along the proposed access road 1,560' \pm to the beginning of the proposed access road to the proposed 3-34-8-17; proceed along the proposed access road 1,013' \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 have been previously submitted and are on file with the Bureau of Land Management, in the Vernal Field Office.

Inland Production Company requests a 60' ROW for the Greater Boundary #3-34-8-17 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."**

Inland Production Company also requests a 60' ROW be granted for the Greater Boundary #3-34-8-17 to allow for construction of a 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."**

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Mandie Crozier

Address: Route #3 Box 3630
Myton, UT 84052

Telephone: (435) 646-3721

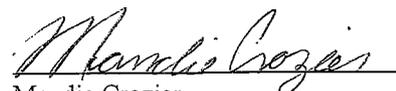
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #3-34-8-17 NE/NW Section 34, Township 8S, Range 17E: Lease UTU-76241 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.

July 6, 2001

Date

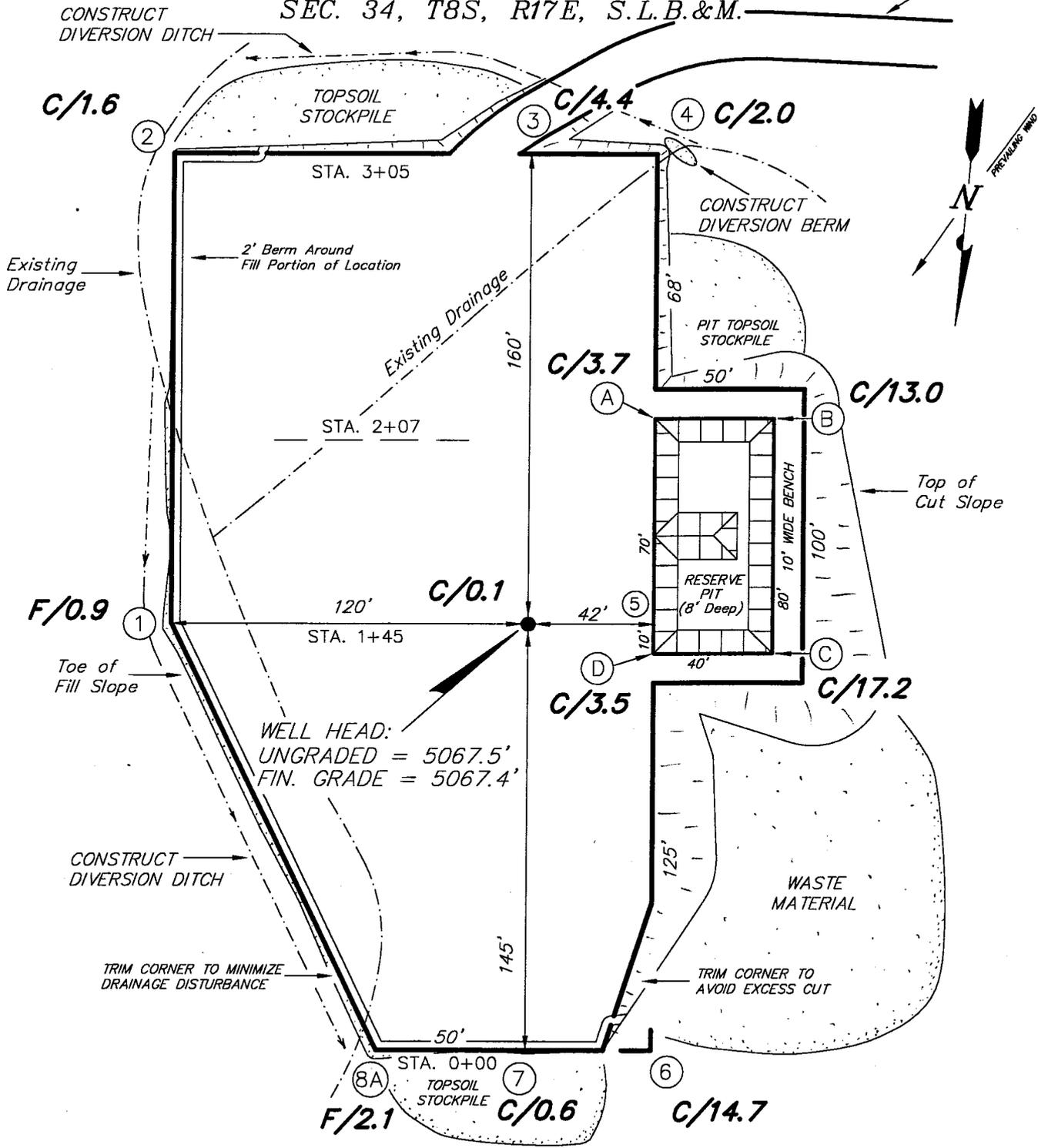

Mandie Crozier
Permit Clerk

INLAND PRODUCTION COMPANY

GREATER BOUNDARY UNIT #3-34-8-17

SEC. 34, T8S, R17E, S.L.B.&M.

PROPOSED ACCESS ROAD (Max. 6% Grade)



REFERENCE POINTS

- 195' NORTH = 5067.2'
- 245' NORTH = 5066.6'
- 150' EAST = 5069.3'
- 200' EAST = 5073.7'

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

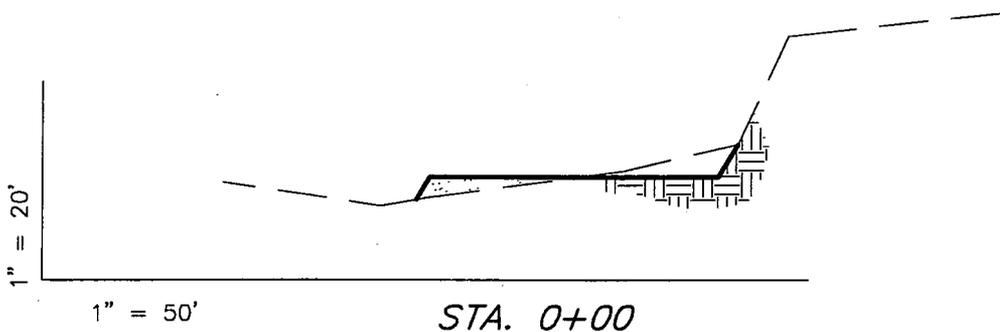
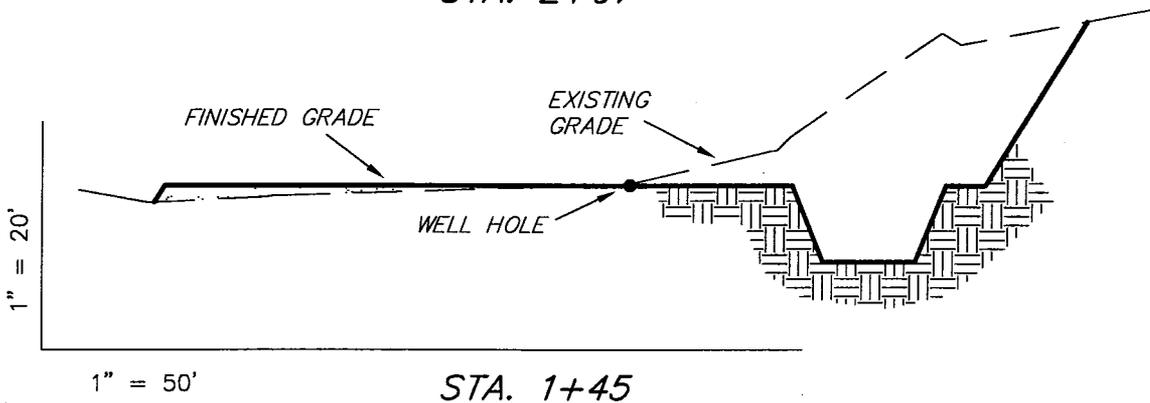
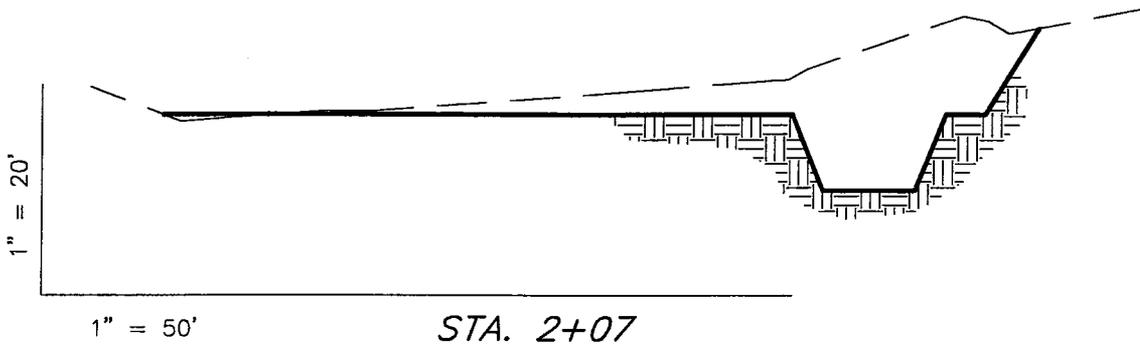
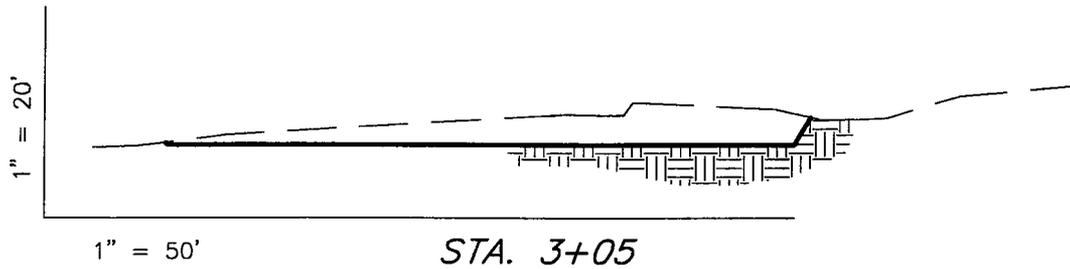
DATE: 4-5-01

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

INLAND PRODUCTION COMPANY

CROSS SECTIONS

GREATER BOUNDARY UNIT #3-34-8-17



APPROXIMATE YARDAGES

CUT = 4,380 Cu. Yds.

FILL = 830 Cu. Yds.

PIT = 640 Cu. Yds.

6" TOPSOIL = 1,010 Cu. Yds.

SURVEYED BY: D.J.S.

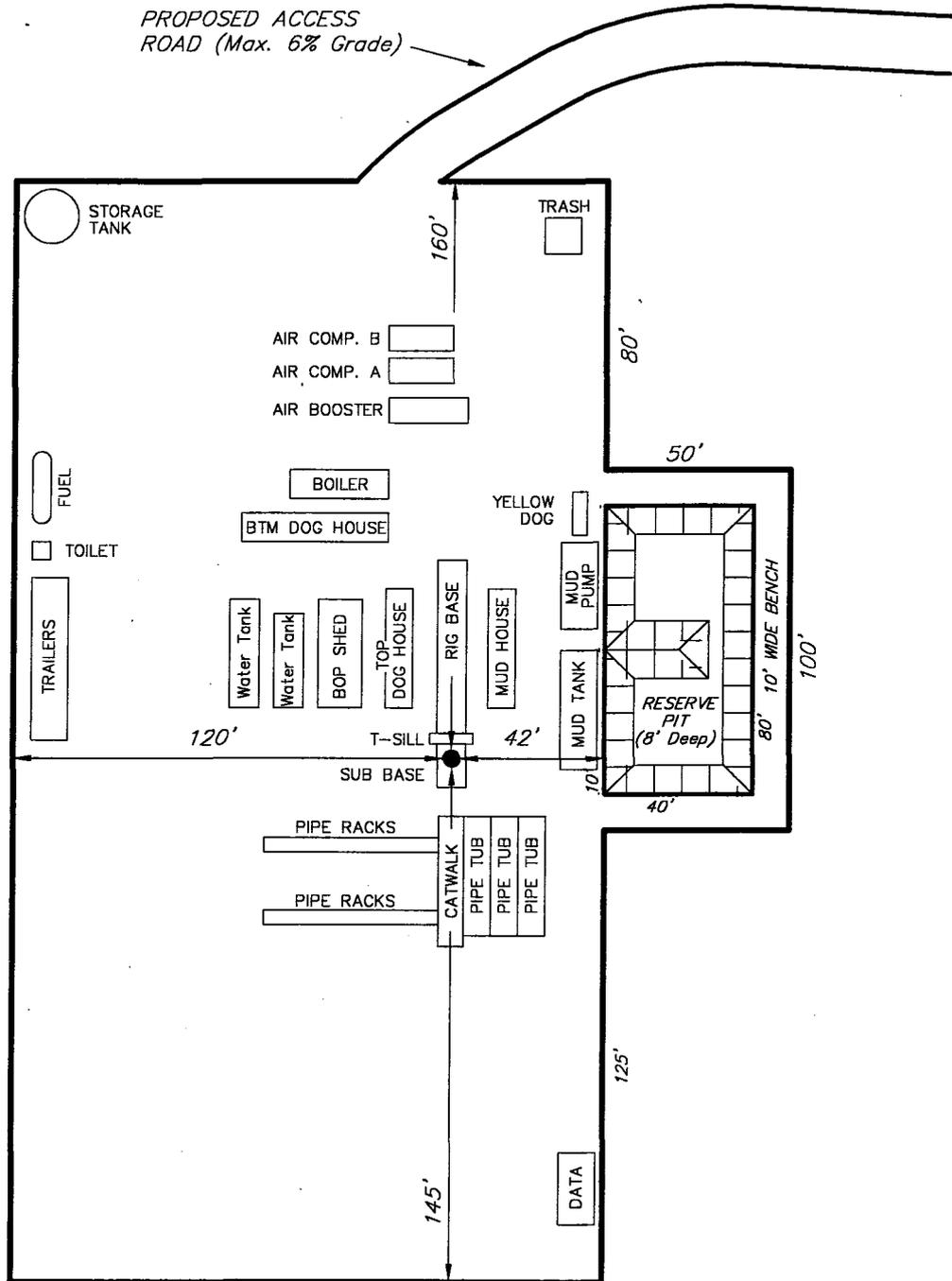
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DRAWN BY: J.R.S.

DATE: 4-5-01

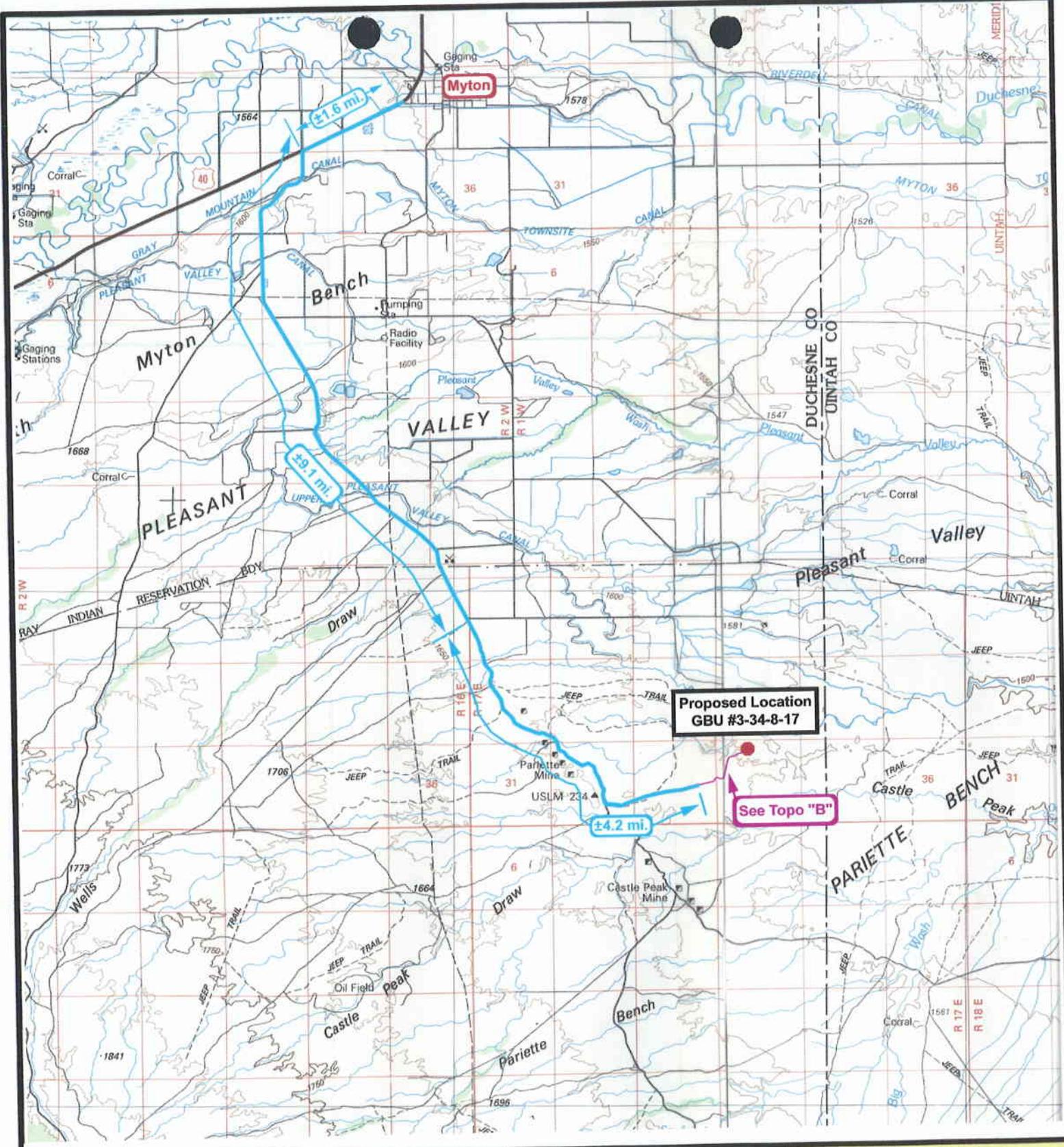
Tri State
Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078
(435) 781-2501

INLAND PRODUCTION COMPANY
TYPICAL RIG LAYOUT
GREATER BOUNDARY UNIT #3-34-8-17



SURVEYED BY: D.J.S.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 4-5-01

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



**Proposed Location
GBU #3-34-8-17**

See Topo "B"



**GREATER BOUNDARY UNIT
#3-34-8-17
SEC. 34, T8S, R17E, S.L.B.&M.**



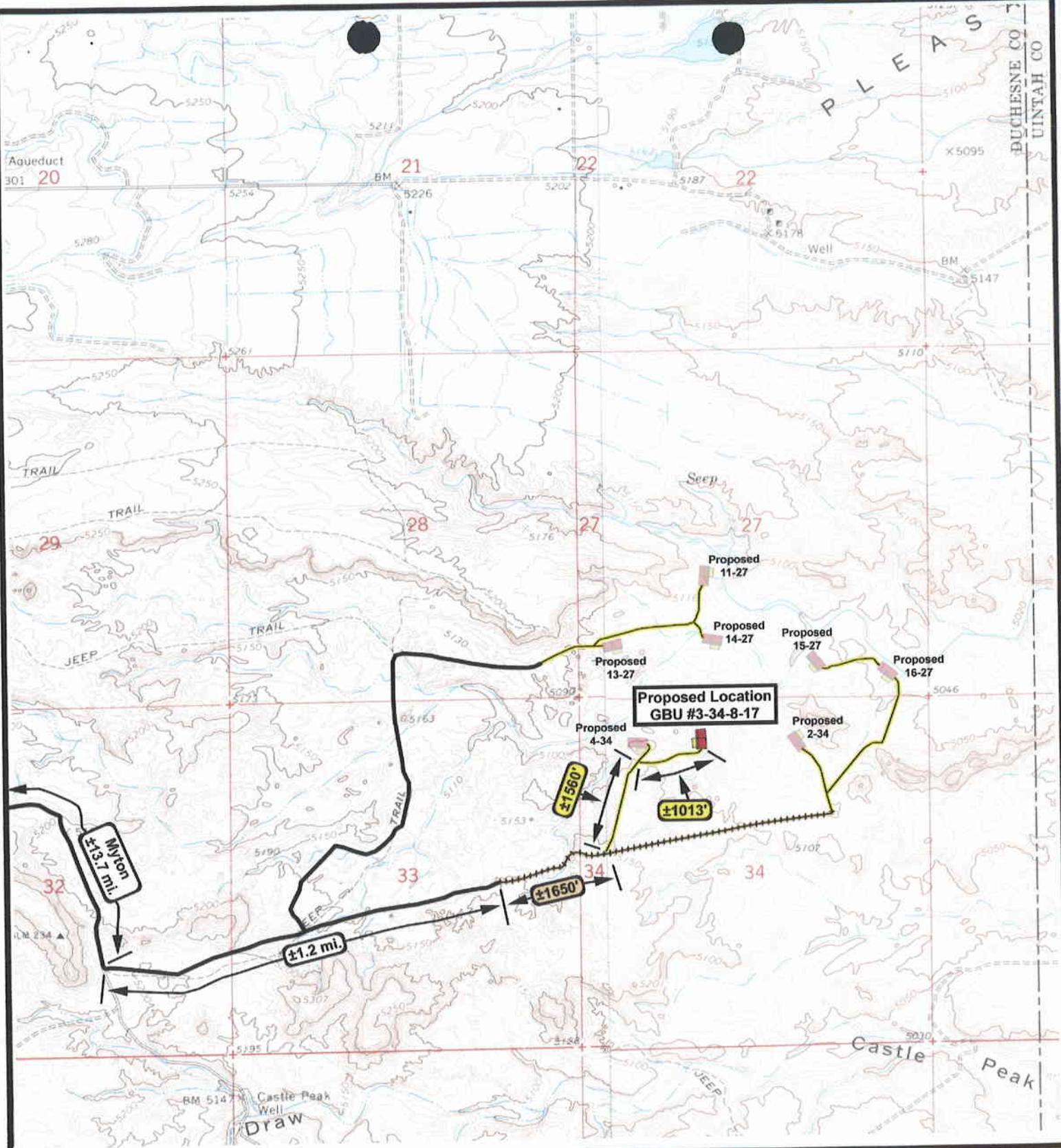
**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1 : 100,000
DRAWN BY: bgm
DATE: 04-04-2001

Legend

- Existing Road
- Proposed Access

**TOPOGRAPHIC MAP
"A"**



**Greater Boundry Unit
#3-34-8-17
SEC. 34, T8S, R17E, S.L.B.&M.**



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

SCALE: 1" = 2000'
DRAWN BY: bgm
DATE: 04-04-2001

Legend	
	Existing Road
	Proposed Access
	Jeep Trail to be Upgraded

TOPOGRAPHIC MAP
"B"

TOPOGRAPHIC MAP
"C"
Boundary Development Map

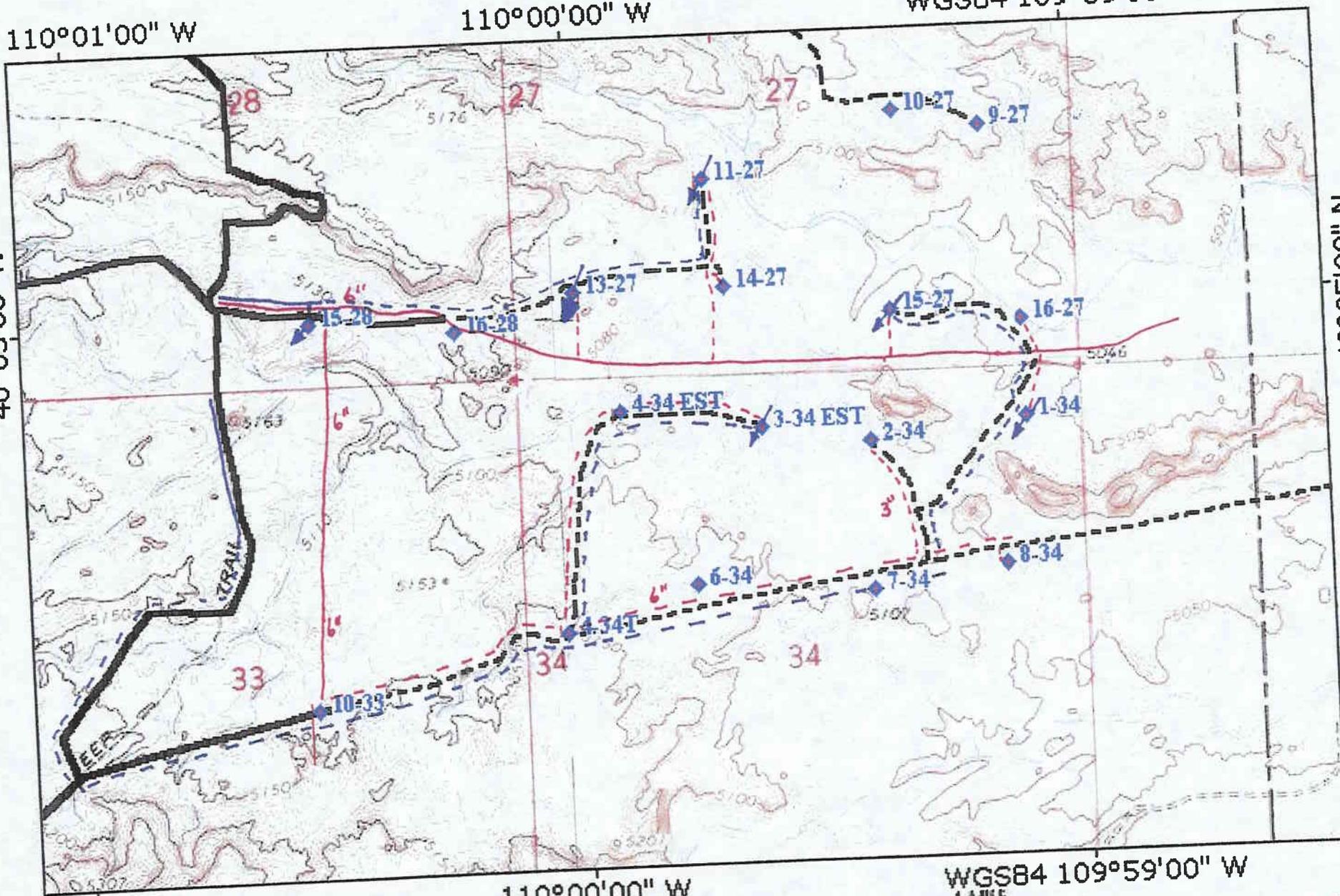
WGS84 109°59'00" W

110°01'00" W

110°00'00" W

40°05'00" N

40°05'00" N



WGS84 109°59'00" W

110°01'00" W

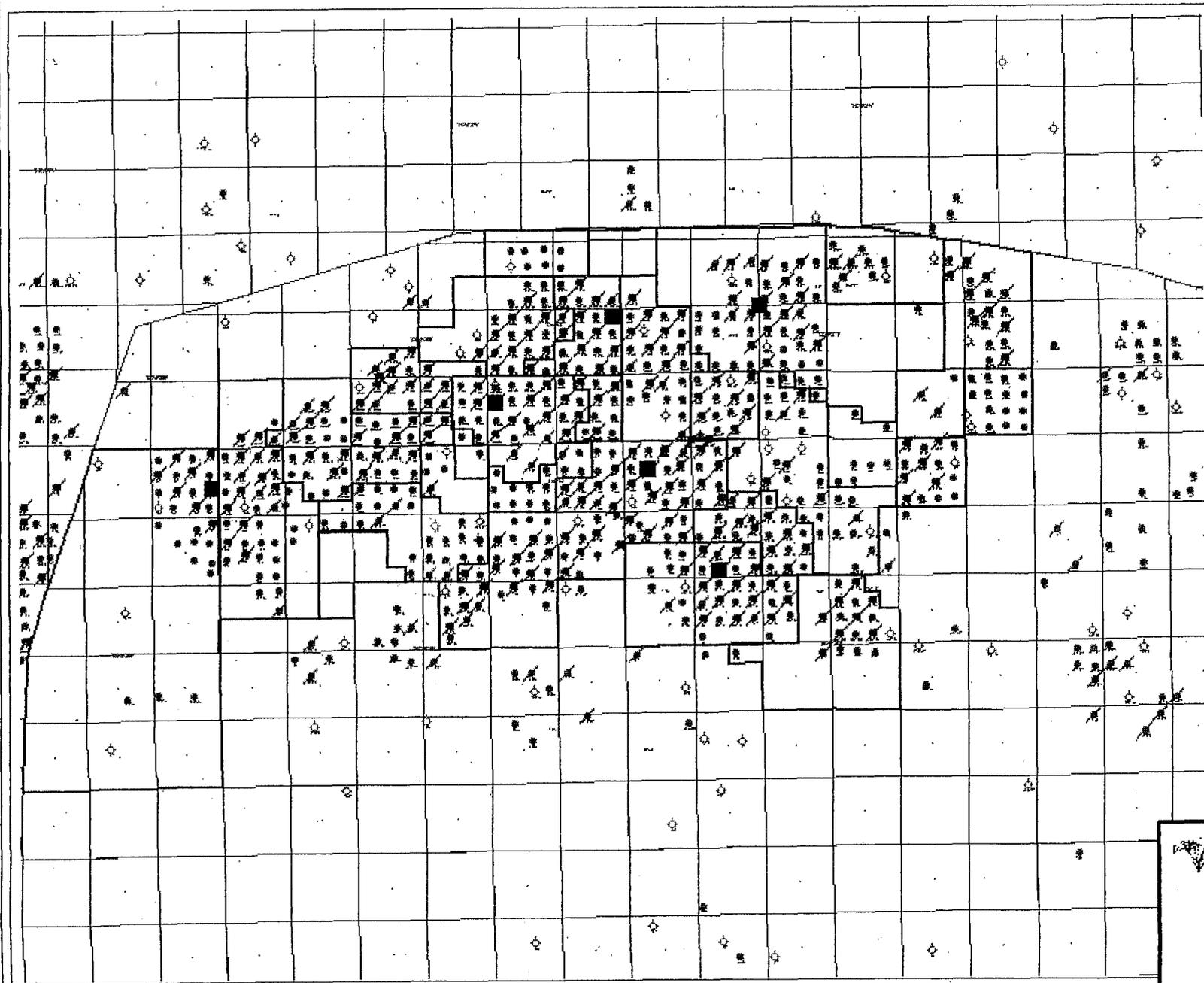
110°00'00" W

TN * MN
12 1/2°



1 MILE

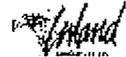
- Proposed Gas Line
- Proposed Water Li
- Proposed Road



- Production Sectors
 Well Categories
 INJ
 OIL
 DRY
 SHUTIN
 UNB



Exhibit "A"

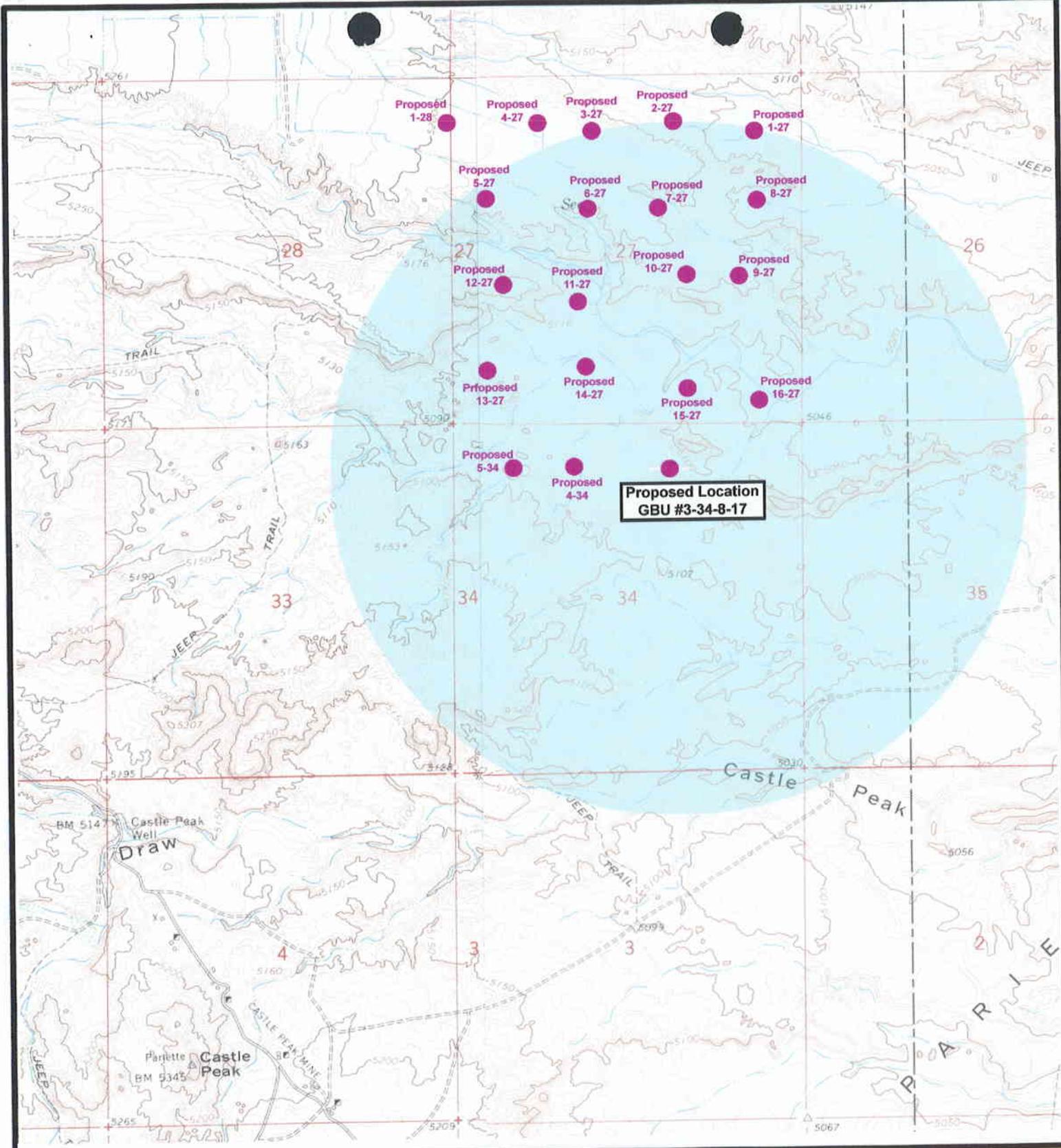


430 W. Main, Suite 200
 Denver, Colorado 80202
 Phone: 303.733.0122

Uinta Basin
 LINFA BASIN, L140
 Butcher & Clinch Counties, CO

July 10, 2011
L. J. Cooper

1 1 Miles



**Proposed Location
GBU #3-34-8-17**



**Greater Boundry Unit
#3-34-8-17
SEC. 34, T8S, R17E, S.L.B.&M.**



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

SCALE: 1" = 2000'

DRAWN BY: bgm

DATE: 04-09-2001

Legend

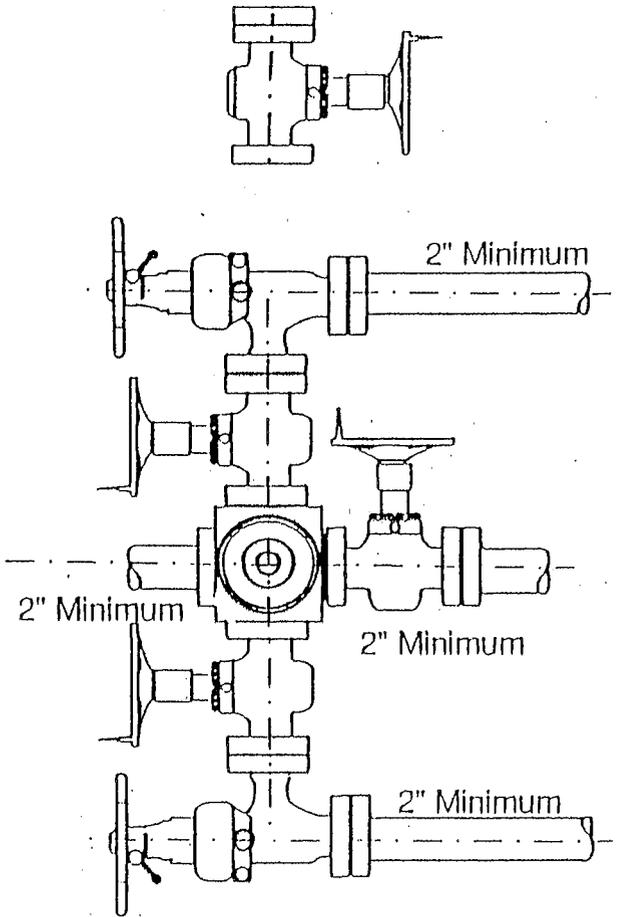
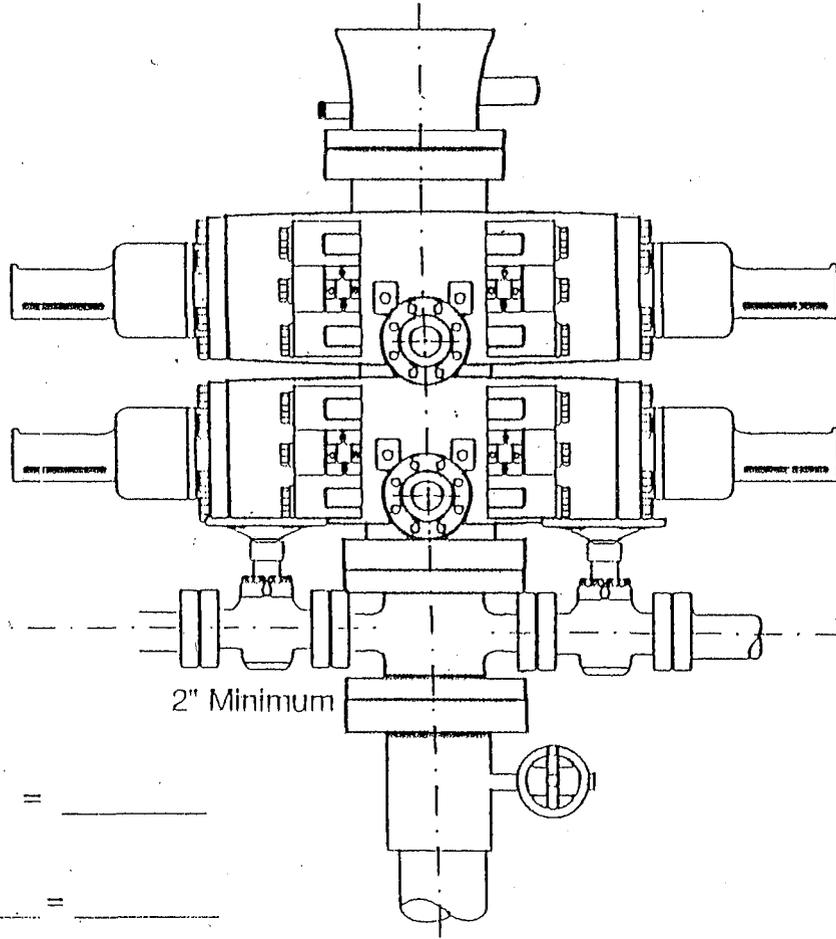
- Proposed Location
- Two-Mile Radius

**Exhibit
"B"**

RAM TYPE B.O.P.
 Make:
 Size:
 Model:

2-M SYSTEM

EXHIBIT "C"



GAL TO CLOSE
 Annular BOP = _____
 Ramtype BOP
 _____ Rams x _____ = _____
 = _____ Gal.
 _____ x 2 = _____ Total Gal.

Rounding off to the next higher
 increment of 10 gal. would require
 _____ Gal. (total fluid & nitro volume)

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/09/2001

API NO. ASSIGNED: 43-013-32292

WELL NAME: GBU 3-34-8-17
 OPERATOR: INLAND PRODUCTION (N5160)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:
 NENW 34 080S 170E
 SURFACE: 0612 FNL 1811 FWL
 BOTTOM: 0612 FNL 1811 FWL
 DUCHESNE
 MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-76241
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Fed[1] Ind[] Sta[] Fee[]
 (No. 4488944)

Potash (Y/N)
 Oil Shale 190-5 (B) or 190-3 or 190-13
 Water Permit
 (No. MUNICIPAL)

RDCC Review (Y/N)
 (Date: _____)

Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3. Unit GREATER BOUNDARY

R649-3-2. General
 Siting: 460 From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

Drilling Unit
 Board Cause No: 225-2 *Unit & Enh. Rec.
 Eff Date: 4-8-98
 Siting: * Suspends Gen. Siting

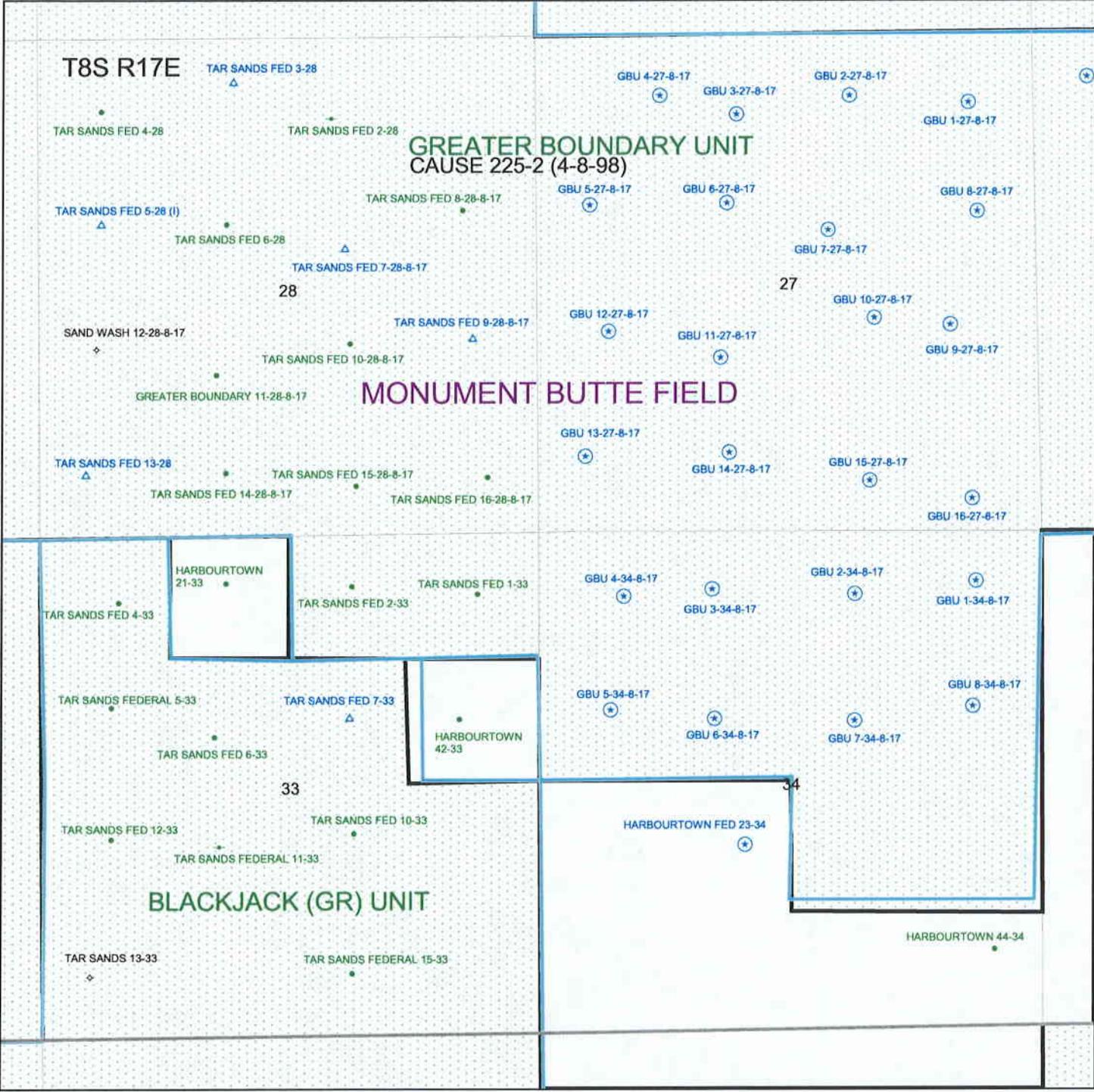
R649-3-11. Directional Drill

COMMENTS: mon. Butte Field SOP, separate file.

STIPULATIONS: Fed.



OPERATOR: INLAND PROD CO (N5160)
 SEC. 34, T8S, R17E
 FIELD: MONUMENT BUTTE (105)
 COUNTY: DUCHESNE UNIT: GREATER BOUNDARY
 CAUSE: 225-2



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
(UT-922)

July 16, 2001

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2001 Plan of Development Greater Boundary
Unit Duchesne County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2001 within the Greater Boundary Unit, Duchesne County, Utah.

(Proposed PZ Green River)

43-013-32292 GBU 3-34-8-17 Sec. 34, T8S, R17E 0612 FNL 1811 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Greater Boundary
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

Mcoulthard:mc:7-16-1



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 18, 2001

Inland Production Company
Route 3 Box 3630
Myton, UT 84052

Re: Greater Boundary Unit 3-34-8-17 Well, 612' FNL, 1811' FWL, NE NW, Sec. 34,
T. 8 South, R. 17 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 43-013-32292.

Sincerely,

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

John R. Baza
Associate Director

er
Enclosures

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

Operator: Inland Production Company

Well Name & Number Greater Boundary Unit 3-34-8-17

API Number: 43-013-32292

Lease: UTU 76241

Location: NE NW **Sec.** 34 **T.** 8 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

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)

1811 FWL 612 FNL Section 34, T8S R17E

5. Lease Designation and Serial No.

UTU-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

GREATER BOUNDARY

8. Well Name and No.

GREATER BOUNDARY 3-34-8-17

9. API Well No.

43-013-32292

10. Field and Pool, or Exploratory Area

11. County or Parish, State

DUCHESNE COUNTY, UTA

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Permit Extension**

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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

Inland Production Company requests to extend the permit to drill this well for one year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 07-02-02
By: [Signature]

COPY SENT TO OPERATOR
Date: 7-3-02
Initials: CHD

RECEIVED

JUN 27 2002

**DIVISION OF
OIL, GAS AND MINING**

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

Signed

[Signature]
Mandie Crozier

Title

Permit Clerk

Date

6/26/2002

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-76241

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
GREATER BOUNDARY

8. Well Name and No.
GBU 3-34-8-17

9. API Well No.
43-013-32292

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)
1811 FWL 612 FNL NE/NW Section 34, T8S R17E

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

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

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

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: 07-03-03
By: [Signature]

COPY SENT TO OPERATOR
Date: 7-8-03
Initials: CHD

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

Signed Mandie Crozier Title Regulatory Specialist Date 6/30/2003
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date JUL 02 2003

Conditions of approval, if any:

CC: Utah DOGM

RECEIVED
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: 43-013-32292
Well Name: GBU 3-34-8-17
Location: NE/NW Section 34, T8S R17E
Company Permit Issued to: Inland Production Company
Date Original Permit Issued: 7/18/2001

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

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

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

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

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

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

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

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

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

Martha Creyer
Signature

6/30/2003
Date

Title: Regulatory Specialist

Representing: Inland Production Company



June 30, 2003

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

RE: One Year Extension on Application for Permit to Drill.

Dear Diana:

We have already received a one year extension on this permit and would like to extend it for another year, since we have not yet received approval from the BLM. If you have any questions, feel free to give me a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

enclosures

RECEIVED
JUL 02 2003
DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: GBU 3-34-8-17

Api No: 43-013-32292 Lease Type: FEDERAL

Section 34 Township 08S Range 17E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 15

SPUDDED:

Date 05/24/04

Time 9:00 AM

How DRY

Drilling will commence: _____

Reported by FLOYD MITCHELL

Telephone # 1-435-823-3610

Date 05/24/2004 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-76241

6. If Indian, Allottee or Tribe Name
NA

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
GREATER BOUNDARY

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.
GREATER BOUNDARY 3-34-8-17

2. Name of Operator

INLAND PRODUCTION COMPANY

9. API Well No.
43-013-32292

3. Address and Telephone No.

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

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

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

1811 FWL 612 FNL NE/NW Section 34, T8S R17E

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 **Spud Notice**

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

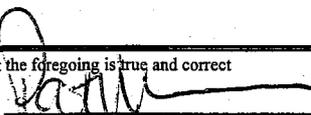
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

On 05/24/04 MIRU Ross # 15. Spud well @ 9:00 am, Drill 307' of 12 1/4 hole with air mist, TIH w/7 Jts 8 5/8 J55 24# csgn. Set @ 317.93'/KB. On 05/26/04. Cement with 155 sks of Class "G" w/ 2% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. 5 bbls cement returned to surface. WOC.

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

Signed


Pat Wisener

Title

Drilling Foreman

Date

5/26/2004

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

RECEIVED

Conditions of approval, if any:

CC: Utah DOGM

MAY 28 2004

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.

DIV. OF OIL, GAS & MINING

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 317.93

LAST CASING 8 5/8" SET AT 317'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 307 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company
 WELL GreaterBoundry 3-34-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross # 15

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		40' SH jt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	306.08
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		
TOTAL LENGTH OF STRING			307.93	7	LESS CUT OFF PIECE		
LESS NON CSG. ITEMS			1.85		PLUS DATUM TO T/CUT OFF CSG		
PLUS FULL JTS. LEFT OUT			0		CASING SET DEPTH		
TOTAL			306.08	7	317.93		
TOTAL CSG. DEL. (W/O THRDS)			306.08	7			

} COMPARE

TIMING	1ST STAGE			GOOD CIRC THRU JOB	YES
BEGIN RUN CSG.	Spud	5/24/2004	9:00am	Bbls CMT CIRC TO SURFACE	9 bbls cement to pit
CSG. IN HOLE				RECIPROCATED PIPE I N/A	
BEGIN CIRC				DID BACK PRES. VALVE HOLD ?	N/A
BEGIN PUMP CMT				BUMPED PLUG TO	200 PSI
BEGIN DSPL. CMT					
PLUG DOWN	Cemented	5/26/2004			

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	155	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield

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

RECEIVED

COMPANY REPRESENTATIVE Pat Wisener **MAY 28 2004** DATE 5/26/2004

RECEIVED
 JUN 01 2004
 DIV. OF OIL, GAS & MINING

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

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

OPERATOR ACCT. NO. **N5160**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12391	43-013-32292	Greater Boundary 3-34-8-17	NE1/4	34	8S	17E	Duchesne	May 24, 2004	6/3/04
WELL 1 COMMENTS: <i>GRUV</i>											
B	99999	12391	43-013-32246	Greater Boundary 15-27-8-17	SW1/4	27	8S	17E	Duchesne	May 26, 2004	6/3/04
WELL 2 COMMENTS: <i>GRUV</i>											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

Kebbie S. Jones
 Signature
 Kebbie S. Jones
 Production Clerk
 Title
 June 1, 2004
 Date

PAGE 02
 INLAND
 4356463031
 06/01/2004 12:02

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-76241

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
GREATER BOUNDARY

8. Well Name and No.
GREATER BOUNDARY 3-34-8-17

9. API Well No.
43-013-32292

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)
1811 FWL 612 FNL NE/NW Section 34, T8S R17E

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

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

On 5-29-04 MIRU Eagle # 1. Set equipment. Pressure test Bop's, Kelly, & TIW to 2,000 psi. Test 85/8" csgn to 1,500 psi. Vernal BLM office was notified of test. PU BHA and tag cement @ 240'. Drill out cement & shoe. Continue to drill a 77/8" hole with fresh water to a depth of 6192'. Lay down drill string, BHA. Open hole log from TD to surface. PU & MU guide shoe, 1 jt 51/2" J-55 15.5 # csgn. Float collar, & 144 Jt's 51/2" J-55 15.5# csgn. Set @ 6181' KB. Cement with 275 sks Prem Lite II w/ 3% KCL, 8 % Gel, 5#"s sk CSE, 3#"s sk Kolsel, .8% Sms, 1/2# sks Celloflake. Mixed @ 11.0 ppg, >3.42 yld. Followed by 400 sks 50/50 Poz w/ 3% KCL, 2% Gel, .05% Static free, 1/2# sk Celloflake. Mixed @ 14.4 ppg, > 1.24 yld. Returned 2 bbls cement to pit. Nipple down BOP's. Drop slips @ 85,000 # 's tension. Clean pit's & release rig on 6-03-04

14. I hereby certify that the foregoing is true and correct
Signed Pat Wisener Title **Drilling Foreman** Date **6/6/2004**
Pat Wisener

CC: UTAH DOGM
(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:
CC: Utah DOGM

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.

5. Lease Serial No.
UTU76241

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
GREATER BOUNDARY 3-34-8-17

9. API Well No.
4301332292

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Inland 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)
1811 FWL 612 FNL
NE/NW Section 34 T8S 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 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 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 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 requires 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 5/24/04 – 6/30/04

Subject well had completion procedures initiated in the Green River formation on 5/24/04 without the use of a service rig over the well. A cement bond log was run and a total of seven Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (6065-6070'), (6043-6052') & (5952-5956') (All 4 JSPF); #2 (5877-5882') & (5854-5870') (All 4 JSPF); #3 (5778-5788') & (5749-5762') (All 4 JSPF); #4 (5397-5407') (4 JSPF); #5 (5155-5161') (4 JSPF); #6 (4903-4918') (4 JSPF); #7 (4424-4430') (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 6/24/04. Bridge plugs were drilled out. Well was cleaned out to PBD @ 6159'. Zones were swab tested for sand cleanup. A BHA & production tubing string were run in and anchored in well. End of tubing string @ 6076'. A new 2 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 6/29/04.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Jodi Wyatt	Title Production Clerk
Signature <i>Jodi Wyatt</i>	Date 6/30/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on reverse)

RECEIVED
JUL 01 2004
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side	
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. UTU76241
2. Name of Operator Inland Production Company	6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	7. If Unit or CA/Agreement, Name and/or No. GREATER BOUNDARY
3b. Phone No. (include are code) 435.646.3721	8. Well Name and No. GREATER BOUNDARY 3-34-8-17
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1811 FWL 612 FNL NE/NW Section 34 T8S R17E	9. API Well No. 4301332292
	10. Field and Pool, or Exploratory Area Monument Butte
	11. County or Parish, State Duchesne, UT

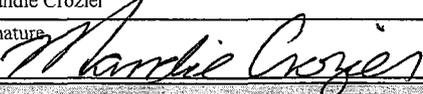
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

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"/> 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 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 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 requires 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 Inland's secondary recovery project. Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

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

I hereby certify that the foregoing is true and correct	Title
Name (Printed/ Typed) Mandie Crozier	Regulatory Specialist
Signature 	Date 6/30/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on reverse)

RECEIVED
JUL 01 2004
DIV. OF OIL, GAS & MINING

Inland Resources Inc.

August 2, 2004

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

Attn: Ms. Carol Daniels

Canvasback 4-23-8-17 (43-013-32342)
Duchesne County, Utah

Greater Boundary 15-27-8-17 (43-013-32246)
Duchesne County, Utah

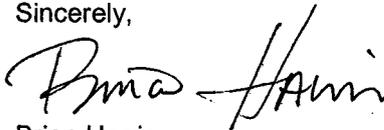
Greater Boundary 3-34-8-17 (43-013-32292)
Duchesne County, Utah

Dear Ms. Carol Daniels

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

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,



Brian Harris
Engineering Tech

Enclosures

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

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

RECEIVED
AUG 06 2004
DIV. OF OIL, GAS & MINING

Alamo Plaza Building
1401 Seventeenth Street, Suite 1000
Denver, CO 80202
303-893-0102 • Fax: 303-893-0103

**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-77098X

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
Greater Boundary

8. FARM OR LEASE NAME, WELL NO.
Greater Boundary 3-34-8-17

2. NAME OF OPERATOR
INLAND RESOURCES INC.

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 612' FNL & 1811' FWL (NENW) Sec. 34, Twp 8S, Rng 17E
 At top prod. Interval reported below

9. WELL NO.
43-013-32292

10. FIELD AND POOL OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 34, T8S, R17E

At total depth

14. API NO. 43-013-32292 DATE ISSUED 7/18/2001

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUN 5/24/2004 16. DATE T.D. REACHED 6/3/2004 17. DATE COMPL. (Ready to prod.) 6/29/2004 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5068' GL 5080' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6192' 21. PLUG BACK T.D., MD & TVD 6159' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> 24. ROTARY TOOLS X 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4424'-6070'

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#	318'	12-1/4"	To surface with 155 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6181'	7-7/8"	275 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 @ 6075'	TA @ 5976'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
(CP4,5) 5952-56', 6043-52', 6065-70'	.41"	4/72	5952'-6070'	Frac w/ 39,980# 20/40 sand in 415 bbls fluid.
(CP3) 5854-70', 5877-82'	.41"	4/84	5854'-5882'	Frac w/ 59,724# 20/40 sand in 490 bbls fluid.
(CP1) 5749-62', 5778-88'	.41"	4/92	5749'-5788'	Frac w/ 69,496# 20/40 sand in 552 bbls fluid.
(A1) 5397'-5407'	.41"	4/40	5397'-5407'	Frac w/ 39,665# 20/40 sand in 383 bbls fluid.
(B.5) 5155'-5161'	.41"	4/24	5155'-5161'	Frac w/ 19,428# 20/40 sand in 253 bbls fluid.
(D1) 4903'-4918'	.41"	4/60	4903'-4918'	Frac w/ 64,620# 20/40 sand in 502 bbls fluid.
(GB6) 4424'-4430'	.41"	4/24	4424'-4430'	Frac w/ 24,859# 20/40 sand in 264 bbls fluid.

33.* PRODUCTION

DATE FIRST PRODUCTION 6/29/2004 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16' RHAC Pump WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST 10 day ave HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL--BBL. 135 GAS--MCF. 133 WATER--BBL. 11 GAS-OIL RATIO 985

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 AUG 06 2004

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 Brian Harris TITLE Engineering Technician DATE 8/2/2004

DIV. OF OIL, GAS & MINING
BDH

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				TOP	TRUE
				MEAS. DEPTH	VERT. DEPTH
			Well Name Greater Boundary 3-34-8-17	3912'	
				4093'	
				4209'	
				4478'	
				4707'	
				4742'	
				4874'	
				5122'	
				5279'	
				5704'	
				6130'	
				6192'	



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 1st 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

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

FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
---	--

CA No.

Unit:

GREATER BOUNDARY (GR)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
GBU 4-26-8-17	26	080S	170E	4301332289	12391	Federal	OW	P
GBU 5-26-8-17	26	080S	170E	4301332290	12391	Federal	WI	A
GBU 12-26-8-17	26	080S	170E	4301332306	12391	Federal	OW	P
GBU 13-26-8-17	26	080S	170E	4301332307		Federal	OW	APD
FEDERAL 1-26	26	080S	170E	4304731953	12391	Federal	WI	A
GBU 15-27-8-17	27	080S	170E	4301332246	12391	Federal	OW	P
GBU 16-27-8-17	27	080S	170E	4301332247	12391	Federal	OW	P
GB 1-28-8-17	28	080S	170E	4301332318	12391	Federal	WI	A
GB FED 11-29-8-17	29	080S	170E	4301332518		Federal	OW	APD
GB FED 10-29-8-17	29	080S	170E	4301332520		Federal	OW	APD
GBU 1-34-8-17	34	080S	170E	4301332252	12391	Federal	OW	P
GBU 2-34-8-17	34	080S	170E	4301332253	12391	Federal	OW	P
GBU 4-34-8-17	34	080S	170E	4301332254	12391	Federal	OW	P
GBU 5-34-8-17	34	080S	170E	4301332255	12391	Federal	OW	P
GBU 6-34-8-17	34	080S	170E	4301332256	12391	Federal	OW	P
GBU 7-34-8-17	34	080S	170E	4301332257	12391	Federal	OW	P
GBU 8-34-8-17	34	080S	170E	4301332277	12391	Federal	OW	S
GBU 3-34-8-17	34	080S	170E	4301332292	12391	Federal	OW	P
GB 9-34-8-17	34	080S	170E	4301332331	12391	Federal	OW	P
GB 10-34-8-17	34	080S	170E	4301332332	12391	Federal	OW	P

K
K
K
K
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 ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 200
DENVER, CO 80202-2466
Phone 800-227-8917
http://www.epa.gov/region08

JUL 11 2006

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

David Gerbig
Operations Engineer
Newfield Production Company
1401 Seventeenth Street - Suite 1000
Denver, CO 80202

RE: Additional Well to Boundary Area Permit
UIC Permit No. UT20702-00000
Well ID: UT20702-06743
Greater Boundary No. 3-34-8-17
Duchesne County, Utah

Handwritten: 43,013, 32292
85 17E 34

Dear Mr. Gerbig:

The Newfield Production Company (Newfield) request to convert the Greater Boundary No. 3-34-8-17 to a Green River Formation enhanced recovery injection well is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization For An Additional Well to the Boundary Area Permit.

The addition of the Greater Boundary No. 3-34-8-17, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 Code of Federal Regulations (CFR) §144.33 (c) and terms of the Boundary Area Permit, Underground Injection Control (UIC) Area Permit No. UT20702-00000. Unless specifically mentioned in the enclosed Authorization For Additional Well, the Greater Boundary No. 3-34-8-17 is subject to all terms and conditions of the UIC Area Permit UT20702-00000 as modified.

Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and Newfield has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 3912 feet and the estimated top of the Wasatch Formation at 6255 feet.

RECEIVED

JUL 13 2006

DIV. OF OIL, GAS & MINING



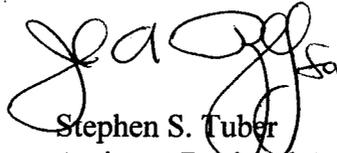
Printed on Recycled Paper

Prior to receiving authorization to inject, the EPA requires that Newfield submit for review and approval the following: (1) the results of a **Part I (Internal) mechanical integrity test (MIT)**, (2) a **pore pressure** calculation of the injection interval, and (3) a completed **EPA Form No. 7520-12** (Well Rework Record) with a new schematic diagram.

The initial Maximum Allowable Injection Pressure (MAIP) for the Greater Boundary No. 3-34-8-17 was determined to be **1170 psig**. UIC Boundary Area Permit UT20702-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a Step-Rate Test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Emmett Schmitz at (303) 312-6174 or 1-800-227-8917 (Ext. 6174). Please submit the required data to **ATTENTION: EMMETT SCHMITZ**, at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,


DH Thomas
Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

enclosures: Authorization For Conversion of An Additional Well
EPA Form No. 7520-12 (Well Rework Record)
Schematic Diagram: Greater Boundary No. 3-34-8-17
Ground Water Section Guidance No. 39 (Part I Internal MIT)

cc: without enclosures

Maxine Natchees
Acting Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe

Chester Mills
Superintendent
BIA - Uintah & Ouray Indian Agency

cc: with enclosures

Lynn Becker
Director
Energy & Minerals Dept.
Ute Indian Tribe

S. Elaine Willie
Environmental Coordinator
Ute Indian Tribe

Michael Guinn
Vice President - Operations
Newfield Production Company
Myton, UT 84052

Gilbert Hunt
Technical Services Manager
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
U.S. Bureau of Land Management
Vernal, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 200
DENVER, CO 80202-2466
Phone 800-227-8917
http://www.epa.gov/region08

AUTHORIZATION FOR ADDITIONAL WELL

UIC Boundary Area Permit No: UT20702-00000

The Final Underground Injection Control (UIC) Boundary Area Permit No. UT20702-00000, effective February 8, 1994, authorized enhanced recovery injection into the gross Douglas Creek Member of the Green River Formation. A Major Area Permit Modification No. 3, effective May 19, 2003, authorized injection for the purpose of enhanced oil recovery into multiple lenticular sand and carbonate units which are distributed throughout the Garden Gulch, Douglas Creek and Basal Carbonate Members of the Green River Formation. On April 13, 2005, the permittee provided notice to the Director concerning an additional enhanced recovery injection well in the Boundary Area Permit:

Well Name: Greater Boundary No. 3-34-8-17
EPA Well ID Number: UT20702-06743
Location: 612' ft FNL & 1811' FWL
NE NW Sec. 34 - T8S - R17E
Duchesne County, Utah.

Pursuant to 40 Code of Federal Regulations (CFR) §144.33, UIC Boundary Area Permit No. UT20702-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the Boundary Area Permit. This well was determined to satisfy additional well criteria required by the Permit.

This well is subject to all provisions of UIC Boundary Area Permit No. UT20702-00000, as modified and as specified in the Well Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: 7/10/06

Signature of Stephen S. Tubber, Assistant Regional Administrator, Office of Partnerships and Regulatory Assistance

* The person holding this title is referred to as the Director throughout the Permit and Authorization

WELL-SPECIFIC REQUIREMENTS

Well Name: **Greater Boundary No. 3-34-8-17**

EPA Well ID Number: **UT20702-06743**

Prior to commencing injection operations, the permittee shall submit the following information and receive written Authority to Inject from the Director: (II. C. Condition 2).

1. a successful Part I (Internal) Mechanical Integrity Test (MIT);
2. pore pressure calculation of the proposed injection zone;
3. completed Well Rework Record (EPA Form No. 7520-12) and a schematic diagram.

Approved Injection Zone:

(II. C. Condition C. 4)

Injection is approved between the top of the Green River Formation Garden Gulch Member (3912 feet) and the top of the Wasatch Formation (Est. 6255 feet).

The Permittee has cited current perforations proposed for enhanced recovery injection, i.e., gross 4424 feet - 6070 feet. The permittee is also authorized to perforate any additional intervals for enhanced recovery injection between the top of the Garden Gulch Member and the top of the Wasatch Formation during well conversion.

Determination of a Fracture Gradient:

((II. C. Condition 5. b. 1).)

"Using sand fracture treatment data, the EPA will calculate the MIP for each treated (sand-frac) interval using the instantaneous shut-in pressure (ISIP) from that interval. The minimum MIP calculated shall be the initial maximum surface injection pressure limit for that well."

Of the seven (7) sand/frac treatments conducted on the Greater Boundary No. 3-34-8-17 the minimum calculated fracture gradient (FG) is 0.70 psi/ft; a value less than all FGs derived from Step-Rate Tests (SRT) in Section 34-T8S-R17E.

Maximum Allowable Injection Pressure (MAIP):

(II. C. Condition 5).

The initial MAIP is **1170 psig**, as based on the following calculation and a cited "top perforation":

$$\begin{aligned} \text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] D, \text{ where} \\ \text{FG} &= 0.70 \text{ psi/ft} \\ \text{SG} &= 1.005 \\ \text{D} &= 4424 \text{ ft (Top perforation depth)} \end{aligned}$$

$$\text{MAIP} = 1171 \text{ psi, but reduced to } \mathbf{1170 \text{ psig.}}$$

UIC Boundary Area Permit No. UT20702-00000 also provides the opportunity for the permittee to request a change of the MAIP based upon results of a Step-Rate Test that demonstrates the formation breakdown pressure will not be exceeded.

Well Construction and Corrective Action:

(II. A).

Corrective Action is not required. The permittee shall not be required to conduct a Part II (External) Mechanical Integrity Test (MIT). The submitted Cement Bond Log (CBL) identifies 80% bond index cement bond across the Confining Zone.

Tubing and Packer:

(II. A. Condition 3).

2-7/8" injection tubing is approved. The packer shall be set at a depth no more than 100 ft above the top perforation.

Corrective Action for Wells in Area of Review: *No Corrective Action is required.* The following Green River oil wells, within or proximate to a one-quarter (1/4) mile radius around the Greater Boundary No. 3-34-8-17, were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs. Other than a weekly inspection of the following wells for surface injectate leakage no corrective action is required.

Greater Boundary 14-27-8-17
Greater boundary 2-34-8-17
Greater Boundary 4-34-8-17
Greater Boundary 6-34-8-17

- SE SW Section 27 - T8S - R17E
- NW NE Section 34 - T8S - R17E
- NW NW Section 34 - T8S - R17E
- SE NW Section 34 - T8S - R17E

Demonstration of Mechanical Integrity:

(II. C. Condition 3).

A successful demonstration of **(Part I Internal)** Mechanical Integrity using a standard Casing-Tubing pressure test is required prior to injection, and at least once every five years thereafter.

Demonstration of Financial Responsibility:

(II. F. Condition 1).

The applicant has demonstrated financial responsibility via an Annual Statement that has been reviewed and approved by the EPA. The plugging and abandonment cost has been estimated by the permittee to be \$32,500.

(II. E. Condition 2).

Plugging and Abandonment:

The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between USDWs. Tubing, packers, and any down hole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs. However, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. Within sixty (60) days after plugging, the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Set a cast iron bridge plug (CIBP) at 4330 feet. Place at least fifty (50) feet of cement plug on top of the CIBP.

PLUG NO. 2: Set a cement plug inside of the 5-1/2" casing to cover a water zone between 2000 feet and 2200 feet.

PLUG NO. 3: Set a cement plug inside the 5-1/2 inch casing from 1475 feet to 1575 feet to cover the top of the Green River Formation.

PLUG NO. 4: Circulate Class "G" cement down the 5-1/2 inch casing to a depth of 368 feet and up the 5-1/2 inch X 8-5/8 inch casings annulus to the surface. .

Cut off surface and 5-1/2" casing at least 4 ft below ground level. Set P&A marker. Submit Sundry Notices and all necessary data as required by the EPA and other regulatory agencies.

Reporting of Noncompliance:

(III. E.)

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting:

(II. E.).

The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1.800.227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at 303.293.1788 if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting:

(II. E.).

The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the National Response Center (NRC) 1.800.424.8802 or 202.267.2675, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>.

Other Noncompliance:

(II. E.).

The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information:

(II. E.)

Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

WELL-SPECIFIC CONSIDERATIONS

Well Name: **Greater Boundary No. 3-34-8-17**

EPA Well ID Number: **UT20702-06743**

Current Status: The Greater Boundary No. 3-34-8-17 is a producing Garden Gulch-Douglas Creek Members oil well currently waiting on EPA authorization to complete/convert to a Class II Green River Formation enhanced recovery injection well.

Underground Sources of Drinking Water (USDWs): USDWs in the Boundary Area Permit generally occur within the Uinta Formation. According to the "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 100 feet below ground surface.

http://NRWRT1.NR.STATE.UT.US: (Water Rights...Queries...POD). Within the one-quarter (1/4) mile Area-of-Review (AOR) around the Greater Boundary No. 3-34-8-17 there are no reservoirs, streams, springs, domestic or agricultural water wells.

Composition of Injectate and Formation Water: (Total Dissolved Solids [TDS])

- TDS of Garden Gulch/Douglas Creek Green River Formation water: 8728 mg/l (Analysis:3/10/05).
- TDS of Johnson Water District Reservoir: 674 mg/l (Analysis: 1/10/05)
- TDS blended injectate: 5097 mg/l. Blended at pump facility with Source Water and Boundary Unit produced water (Analyzed 3/11/05).

Confining Zone:

The Confining Zone is shale between the depths of 3880 feet and 3912 feet (KB) which directly overlies the Garden Gulch Member of the Green River Formation.

There is 80% bond index cement bond across the Confining Zone.

Injection Zone:

(II. C. 4.)

The Injection Zone is an approximate 2343-foot section of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member at 3912 to the top of the Wasatch Formation (Estimated 6255 feet). All Formations and Formation Members tops are based on correlation to the Federal No.1-26-8-17 Type Log (UT20702-04671).

Well Construction:

(II. A. 1.)

Surface Casing: 8-5/8" casing is set at 317 feet in a 12-1/4" hole, using 155 sacks of Class "G" cement which was circulated to the surface.

Longstring: 5-1/2" casing is set at 6181 feet (KB) in a 7-7/8" hole and secured with 675 sacks of cement. Calculated top of cement (TOC) by EPA: 1817 feet.

Perforations: Gross Perforations: 4424 feet to 6070 feet.

Step-Rate Test (SRT):

(II. C. 2. d.)

A Step-Rate Test may be required to confirm that the initial maximum authorized injection pressure (MAIP), based on sand/frac treatments, is appropriate to ensure that pressure during injection will not initiate new fractures or propagate existing fractures in the confining zone.

Wells in Area of Review (AOR):

The permittee shall observe the surface location of all wells within the one-quarter (1/4) mile AOR around the Greater Boundary No. 3-34-8-17 for surface leakage on a weekly basis. Should such injectate contamination be observed at the surface, the permittee shall immediately suspend injection into the Greater Boundary No. 3-34-8-17. The Greater Boundary No. 3-34-8-17 will stay suspended until the noncompliance has been resolved. Renewed injection shall be authorized by letter from the Director.



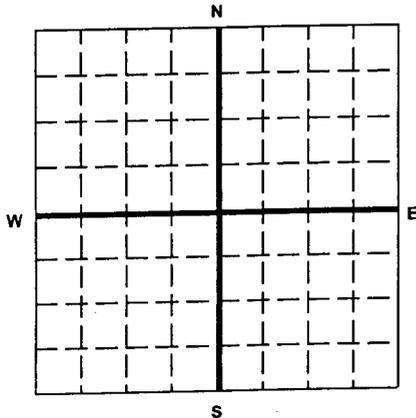
United States Environmental Protection Agency
Washington, DC 20460

WELL REWORK RECORD

Name and Address of Permittee

Name and Address of Contractor

Locate Well and Outline Unit on
Section Plat - 640 Acres



State _____ County _____ Permit Number _____

Surface Location Description

____ 1/4 of ____ 1/4 of ____ 1/4 of ____ 1/4 of Section ____ Township ____ Range ____

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location ____ ft. frm (N/S) ____ Line of quarter section

and ____ ft. from (E/W) ____ Line of quarter section.

WELL ACTIVITY

- Brine Disposal
- Enhanced Recovery
- Hydrocarbon Storage

Lease Name _____

Total Depth Before Rework _____

Total Depth After Rework _____

Date Rework Commenced _____

Date Rework Completed _____

TYPE OF PERMIT

- Individual
- Area

Number of Wells _____

Well Number _____

WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Signature

Date Signed

Greater Boundary 3-34-8-17

Spud Date: 5/24/2004
Put on Production: 6/29/2004

GL: 5067' KB: 5079'

Initial Production: 100 BOPD,
125 MCFD, 5 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (307') *Base USDW's < 100'*
DEPTH LANDED: 317' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 155 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2" *Green River 1538'*
GRADE: J-55
WEIGHT: 15.5# *EPA/TOC 1817'*
LENGTH: 145 jts. (6183')
DEPTH LANDED: 6181' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sxs Prem. Lite II mixed & 400 sxs 50/50-POZ.

CEMENT TOP AT: 70' per CBL

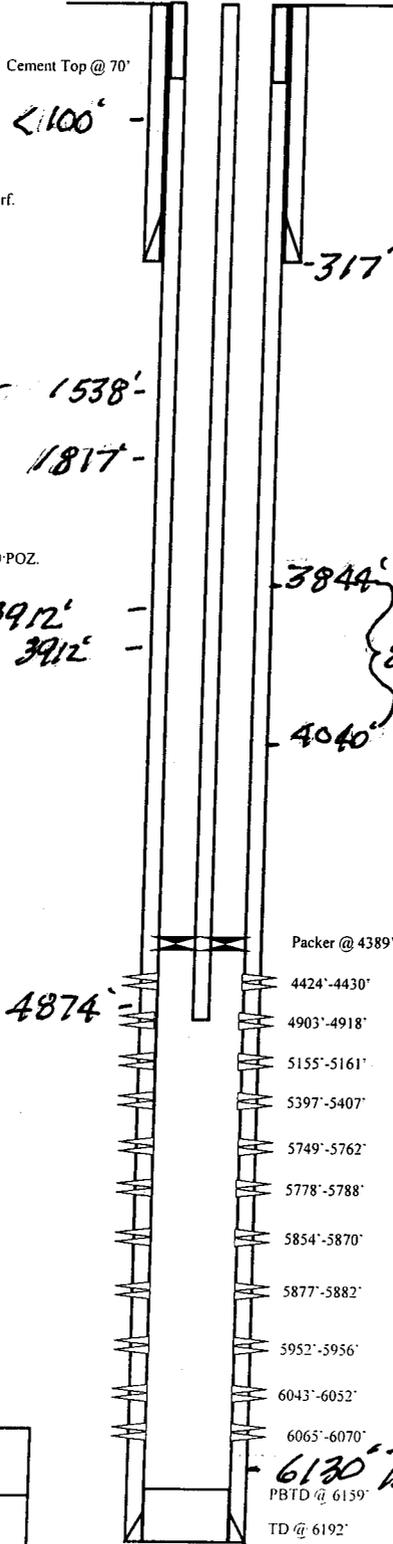
Confining Zone 3880' - 3912'
Garden Gulch 3912'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 190 jts (5964')
TUBING ANCHOR: 5976' KB
NO. OF JOINTS: 1 jts (6186.82')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6010' KB
NO. OF JOINTS: 2 jt
TOTAL STRING LENGTH: EOT @ 6075' KB

FRAC JOB

6/17/2004	5952'-6070'	Frac CP sand as follows: 39.980# 20/40 sand in 415 bbls Lightning 17 fluid. Treated @ avg press of 2130 psi w/avg rate of 24.8 BPM. ISIP 2710 psi. Calc flush: 5952 gal. Actual flush: 5964 gal.
6/17/2004	5854'-5882'	Frac CP sand as follows: 59.724# 20/40 sand in 490 bbls Lightning 17 fluid. Treated @ avg press of 1414 psi w/avg rate of 25.1 BPM. ISIP 1570 psi. Calc flush: 5854 gal. Actual flush: 5880 gal.
6/17/2004	5749'-5788'	Frac CP sand as follows: 69.496# 20/40 sand in 552 bbls Lightning 17 fluid. Treated @ avg press of 1646 psi w/avg rate of 24.9 BPM. ISIP 1840 psi. Calc flush: 5749 gal. Actual flush: 5754 gal.
6/21/2004	5397'-5407'	Frac A1 sand as follows: 39.665# 20/40 sand in 383 bbls Lightning 17 fluid. Treated @ avg press of 1880 psi w/avg rate of 24.6 BPM. ISIP 2180 psi. Calc flush: 5397 gal. Actual flush: 5393 gal
6/22/2004	5155'-5161'	Frac B .5 sand as follows: 19.428# 20/40 sand in 253 bbls Lightning 17 fluid. Treated @ avg press of 1535 psi w/avg rate of 25 BPM. ISIP 2120 psi. Calc flush: 5155 gal. Actual flush: 5153 gal.
6/22/2004	4903'-4918'	Frac D 1 sand as follows: 64.620# 20/40 sand in 502 bbls Lightning 17 fluid. Treated @ avg press of 1775 psi. Calc flush: 4903 gal. Actual flush: 4901 gal.
6/22/2004	4424'-4430'	Frac GB 6 sand as follows: 24.859# 20/40 sand in 264 bbls Lightning 17 fluid. Treated @ avg press of 2105 psi w/avg rate of 24.9 BPM. ISIP 2140 psi. Calc flush: 4424 gal. Actual flush: 4339 gal.



PERFORATION RECORD

6/15/2004	6065'-6070'	4 JSPF	20 holes
6/15/2004	6043'-6052'	4 JSPF	36 holes
6/15/2004	5952'-5956'	4 JSPF	16 holes
6/17/2004	5877'-5882'	4 JSPF	20 holes
6/17/2004	5854'-5870'	4 JSPF	64 holes
6/17/2004	5778'-5788'	4 JSPF	40 holes
6/17/2004	5749'-5762'	4 JSPF	52 holes
6/21/2004	5397'-5407'	4 JSPF	40 holes
6/22/2004	5155'-5161'	4 JSPF	24 holes
6/22/2004	4903'-4918'	4 JSPF	60 holes
6/22/2004	4424'-4430'	4 JSPF	24 holes

NEWFIELD

Greater Boundary 3-34-8-17

612' FNL & 1811' FWL
NE/NW Section 34-T8S-R17E
Duchesne Co, Utah

API #43-013-32292; Lease #UTU-76241

-Est 6285' Wasatch



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500

DENVER, COLORADO 80202-2466

SUBJECT: GROUND WATER SECTION GUIDANCE NO. 39
Pressure testing injection wells for Part I (internal)
Mechanical Integrity

FROM: Tom Pike, Chief
UIC Direct Implementation Section

TO: All Section Staff
Montana Operations Office

Introduction

The Underground Injection Control (UIC) regulations require that an injection well have mechanical integrity at all times (40 CFR 144.28 (f) (2) and 40 CFR 144.51 (q) (1)). A well has mechanical integrity (40 CFR 146.8) if:

- (1) There is no significant leak in the tubing, casing or packer; and
- (2) There is no significant fluid movement into an underground source of drinking water (USDW) through vertical channels adjacent to the injection wellbore.

Definition: Mechanical Integrity Pressure Test for Part I. A pressure test used to determine the integrity of all the downhole components of an injection well, usually tubing, casing and packer. It is also used to test tubing cemented in the hole by using a tubing plug or retrievable packer. Pressure tests must be run at least once every five years. If for any reason the tubing/packer is pulled, the injection well is required to pass another mechanical integrity test of the tubing casing and packer prior to recommencing injection regardless of when the last test was conducted. Tests run by operators in the absence of an EPA inspector must be conducted according to these procedures and recorded on either the attached form or an equivalent form containing the necessary information. A pressure recording chart documenting the actual annulus test pressures must be attached to the form.

This guidance addresses making a determination of Part I of Mechanical Integrity (no leaks in the tubing, casing or packer). The Region's policy is: 1) to determine if there are significant leaks in the tubing, casing or packer; 2) to assure that the casing can withstand pressure similar to that which

would be applied if the tubing or packer fails; 3) to make the Region's test procedure consistent with the procedures utilized by other Region VIII Primacy programs; and 4) to provide a procedure which can be easily administered and is applicable to all class I and II wells. Although there are several methods allowed for determining mechanical integrity, the principal method involves running a pressure test of the tubing/casing annulus. Region VIII's procedure for running a pressure test is intended to aid UIC field inspectors who witness pressure tests for the purpose of demonstrating that a well has Part I of Mechanical Integrity. The guidance is also intended as a means of informing operators of the procedures required for conducting the test in the absence of an EPA inspector.

Pressure Test Description

Test Frequency

The mechanical integrity of an injection well must be maintained at all times. Mechanical integrity pressure tests are required at least every five (5) years. If for any reason the tubing/packer is pulled, however, the injection well is required to pass another mechanical integrity test prior to recommencing injection regardless of when the last test was conducted. The Regional UIC program must be notified of the workover and the proposed date of the pressure test. The well's test cycle would then start from the date of the new test if the well passes the test and documentation is adequate. Tests may be required on a more frequent basis depending on the nature of the injectate and the construction of the well (see Section guidance on MITs for wells with cemented tubing and regulations for Class I wells).

Region VIII's criteria for well testing frequency is as follows:

1. Class I hazardous waste injection wells; initially [40 CFR 146.68(d)(1)] and annually thereafter;
2. Class I non-hazardous waste injection wells; initially and every two (2) years thereafter, except for old permits (such as the disposal wells at carbon dioxide extraction plants which require a test at least every five years);
3. Class II wells with tubing, casing and packer; initially and at least every five (5) years thereafter;
4. Class II wells with tubing cemented in the hole; initially and every one (1) or two (2) years thereafter

depending on well specific conditions (See Region VIII UIC Section Guidance #36);

5. Class II wells which have been temporarily abandoned (TAd) must be pressure tested after being shut-in for two years; and
6. Class III uranium extraction wells; initially.

Test Pressure

To assure that the test pressure will detect significant leaks and that the casing is subjected to pressure similar to that which would be applied if the tubing or packer fails, the tubing/casing annulus should be tested at a pressure equal to the maximum allowed injection pressure or 1000 psig whichever is less. The annular test pressure must, however, have a difference of at least 200 psig either greater or less than the injection tubing pressure. Wells which inject at pressures of less than 300 psig must test at a minimum pressure of 300 psig, and the pressure difference between the annulus and the injection tubing must be at least 200 psi.

Test Criteria

1. The duration of the pressure test is 30 minutes.
2. Both the annulus and tubing pressures should be monitored and recorded every five (5) minutes.
3. If there is a pressure change of 10 percent or more from the initial test pressure during the 30 minute duration, the well has failed to demonstrate mechanical integrity and should be shut-in until it is repaired or plugged.
4. A pressure change of 10 percent or more is considered significant. If there is no significant pressure change in 30 minutes from the time that the pressure source is disconnected from the annulus, the test may be completed as passed.

Recordkeeping and Reporting

The test results must be recorded on the attached form. The annulus pressure should be recorded at five (5) minute intervals. Tests run by operators in the absence of an EPA inspector must be conducted according to these procedures and recorded on the attached form or an equivalent form and a pressure recording

chart documenting the actual annulus test pressures must be attached to the submittal. The tubing pressure at the beginning and end of each test must be recorded. The volume of the annulus fluid bled back at the surface after the test should be measured and recorded on the form. This can be done by bleeding the annulus pressure off and discharging the associated fluid into a five gallon container. The volume information can be used to verify the approximate location of the packer.

Procedures for Pressure Test

1. Scheduling the test should be done at least two (2) weeks in advance.
2. Information on the well completion (location of the packer, location of perforations, previous cement work on the casing, size of casing and tubing, etc.) and the results of the previous MIT test should be reviewed by the field inspector in advance of the test. Regional UIC Guidance #35 should also be reviewed. Information relating to the previous MIT and any well workovers should be reviewed and taken into the field for verification purposes.
3. All Class I wells and Class II SWD wells should be shut-in prior to the test. A 12 to 24-hour shut-in is preferable to assure that the temperature of the fluid in the wellbore is stable.
4. Class II enhanced recovery wells may be operating during the test, but it is recommended that the well be shut-in if possible.
5. The operator should fill the casing/tubing annulus with inhibited fluid at least 24 hours in advance, if possible. Filling the annulus should be undertaken through one valve with the second valve open to allow air to escape. After the operator has filled the annulus, a check should be made to assure that the annulus will remain full. If the annulus can not maintain a full column of fluid, the operator should notify the Director and begin a rework. The operator should measure and report the volume of fluid added to the annulus. If not already the case, the casing/tubing valves should be closed, at least, 24 hours prior to the pressure test.

Following steps are at the well:

6. Read tubing pressure and record on the form. If the

well is shut-in, the reported information on the actual maximum operating pressure should be used to determine test pressures.

7. Read pressure on the casing/tubing annulus and record value on the form. If there is pressure on the annulus, it should be bled off prior to the test. If the pressure will not bleed-off, the guidance on well failures (Region VIII UIC Section Guidance #35) should be followed.
8. Ask the operator for the date of the last workover and the volume of fluid added to the annulus prior to this test and record information on the form.
9. Hook-up well to pressure source and apply pressure until test value is reached.
10. Immediately disconnect pressure source and start test time (If there has been a significant drop in pressure during the process of disconnection, the test may have to be restarted). The pressure gages used to monitor injection tubing pressure and annulus pressure should have a pressure range which will allow the test pressure to be near the mid-range of the gage. Additionally, the gage must be of sufficient accuracy and scale to allow an accurate reading of a 10 percent change to be read. For instance, a test pressure of 600 psi should be monitored with a 0 to 1000 psi gage. The scale should be incremented in 20 psi increments.
11. Record tubing and annulus pressure values every five (5) minutes.
12. At the end of the test, record the final tubing pressure.
13. If the test fails, check the valves, bull plugs and casing head close up for possible leaks. The well should be retested.
14. If the second test indicates a well failure, the Region should be informed of the failure within 24 hours by the operator, and the well should be shut-in within 48 hours per Headquarters guidance #76. A follow-up letter should be prepared by the operator which outlines the cause of the MIT failure and proposes a potential course of action. This report should be submitted to EPA within five days.

15. Bleed off well into a bucket, if possible, to obtain a volume estimate. This should be compared to the calculated value obtained using the casing/tubing annulus volume and fluid compressibility values.
16. Return to office and prepare follow-up.

Alternative Test Option

While it is expected that the test procedure outlined above will be applicable to most wells, the potential does exist that unique circumstances may exist for a given well that precludes or makes unsafe the application of this test procedure. In the event that these exceptional or extraordinary conditions are encountered, the operator has the option to propose an alternative test or monitoring procedures. The request must be submitted by the operator in writing and must be approved in writing by the UIC-Implementation Section Chief or equivalent level of management.

Attachment

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
 Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
 999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: ____/____/____

Test conducted by: _____

Others present: _____

Well Name: _____	Type: ER SWD	Status: AC TA UC
Field: _____		
Location: _____	Sec: ____ T ____ N/S R ____ E/W	County: _____ State: ____
Operator: _____		
Last MIT: ____/____/____	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: _____ psig

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER: U-76241
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: GREATER BOUNDARY II
8. WELL NAME and NUMBER: GRTR BNDRY 3-34-8-17
9. API NUMBER: 4301332292
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE
STATE: UT

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 612 FNL 1811 FWL	
OTR/OTR. SECTION TOWNSHIP RANGE. MERIDIAN: NENW, 34, T8S, R17E	

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: 10/02/2006	<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 checked="" type="checkbox"/> OTHER: - Injection Conversion
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well was converted from a producing oil well to an injection well on 10/2/06. On 10/5/06 Dan Jackson with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 10/9/06. On 10/9/06 the csg was pressured up to 1510 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 140 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20702-06743 API #43-013-32292

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

NAME (PLEASE PRINT) Callie Duncan	TITLE Production Clerk
SIGNATURE <i>Callie Duncan</i>	DATE 10/16/2006

(This space for State use only)

RECEIVED
OCT 17 2006

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 10/09/06
 Test conducted by: Dale Giles
 Others present: _____

Well Name: <u>Greater Boundary 3-34-8-17</u> Type: ER SWD Status: AC TA UC	
Field: <u>Greater Boundary Unit</u>	
Location: _____	Sec: <u>34</u> T <u>8</u> N <u>16</u> R <u>17</u> W County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>Newfield Production Co.</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 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>140</u> psig	psig	psig
End of test pressure	<u>140</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1510</u> psig	psig	psig
5 minutes	<u>1510</u> psig	psig	psig
10 minutes	<u>1510</u> psig	psig	psig
15 minutes	<u>1510</u> psig	psig	psig
20 minutes	<u>1510</u> psig	psig	psig
25 minutes	<u>1510</u> psig	psig	psig
30 minutes	<u>1510</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<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: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
USA UTU-76241

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GREATER BOUNDARY II

8. Well Name and No.
GREATER BOUNDARY 3-34-8-17

9. API Well No.
4301332292

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
612 FNL 1811 FWL
NENW Section 34 T8S 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	Change Status, Put Well on Injection
	<input checked="" 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 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.)

The above referenced well was put on injection at 12:30 p.m. on 12/4/06.

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

I hereby certify that the foregoing is true and correct (Printed/ Typed)
Mandie Crozier

Signature: *Mandie Crozier*

Title: Regulatory Specialist

Date: 12/07/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

Office _____

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

(Instructions on reverse)

**RECEIVED
DEC 08 2006
DIV. OF OIL, GAS & MINING**

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.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 612 FNL 1811 FWL
 NENW Section 34 T8S R17E

5. Lease Serial No.
 USA UTU-76241

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
 GREATER BOUNDARY II

8. Well Name and No.
 GREATER BOUNDARY 3-34-8-17

9. API Well No.
 4301332292

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	<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	Step Rate Test _____
	<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.)

A step rate test was conducted on the subject well on March 1, 2007. Results from the test indicate that the fracture gradient is .719 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1235 psi.

I hereby certify that the foregoing is true and correct (Printed/ Typed)
 Chevenne Bateman

Signature 

Title
 Well Analyst Foreman

Date
 03/06/2007

Approved by _____ Title _____ Date _____

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

Office _____

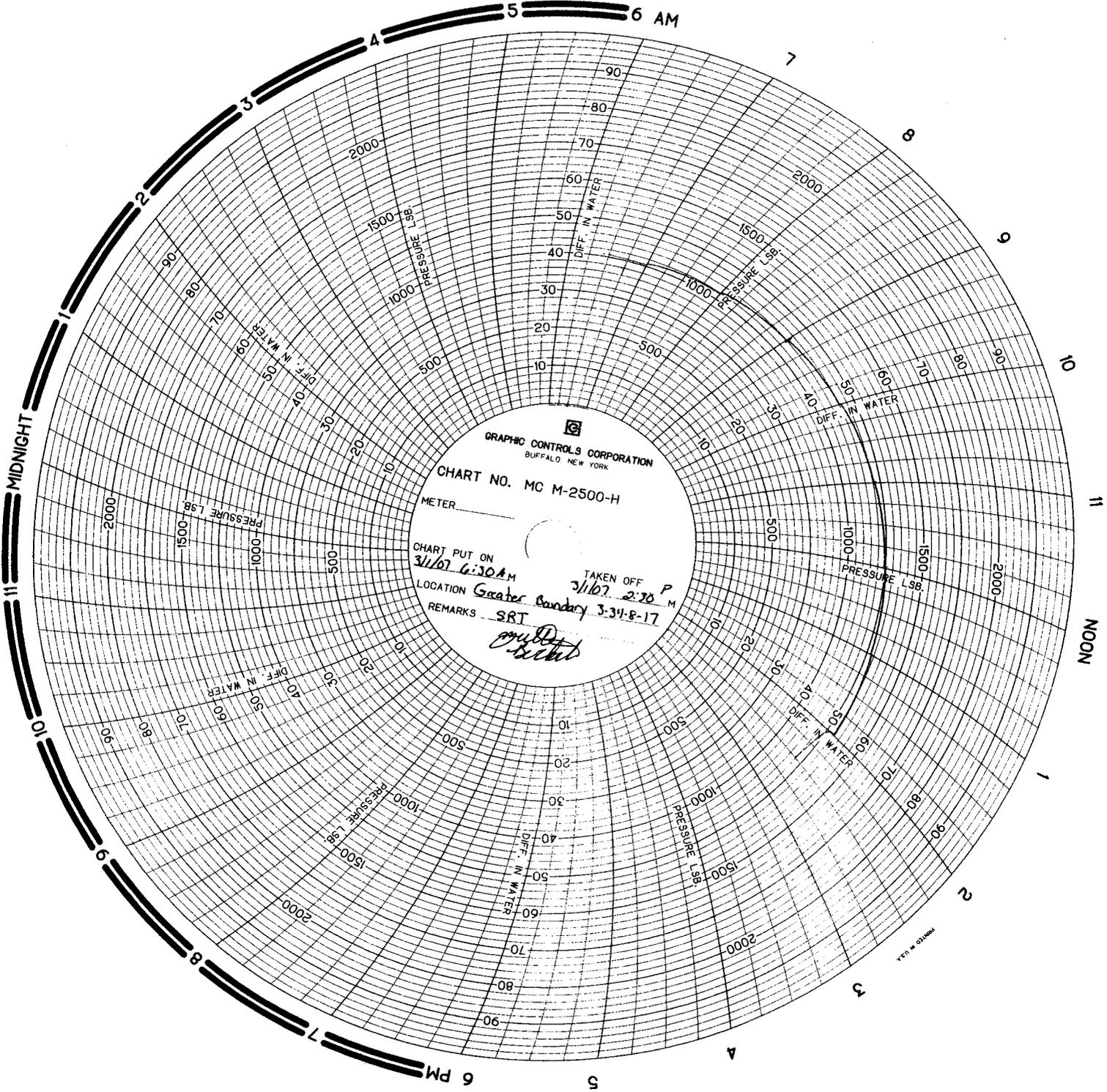
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

MAR 14 2007

DIV. OF OIL, GAS & MINING



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC M-2500-H
METER _____

CHART PUT ON
3/1/67 6:30 AM

TAKEN OFF
3/1/67 2:30 P

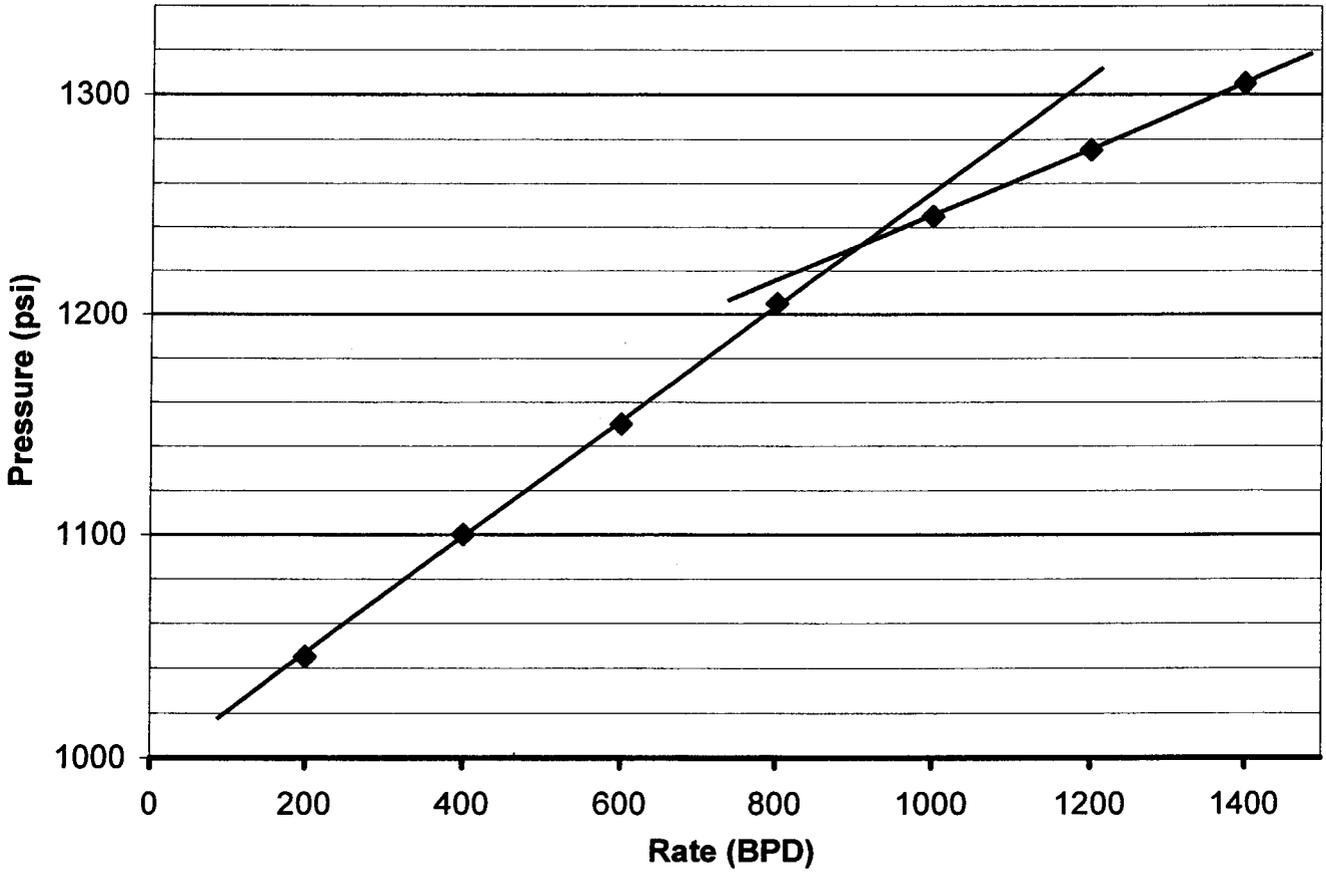
LOCATION *Greater Bundry 3-34-E-17*

REMARKS *SRT*

[Signature]

Y-11-10-5110

**Greater Boundary 3-34-8-17
Greater Boundary Unit
Step Rate Test
March 1, 2007**



Start Pressure: 1010 psi
Instantaneous Shut In Pressure (ISIP): 1270 psi
Top Perforation: 4424 feet
Fracture pressure (Pfp): 1235 psi
FG: 0.719 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	200	1045
2	400	1100
3	600	1150
4	800	1205
5	1000	1245
6	1200	1275
7	1400	1305

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-76241

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:
GREATER BOUNDARY II

1. TYPE OF WELL:
OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
GREATER BOUNDARY 3-34-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301332292

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: 612 FNL 1811 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 34, T8S, R17E

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 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: 05/29/2008	<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 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.

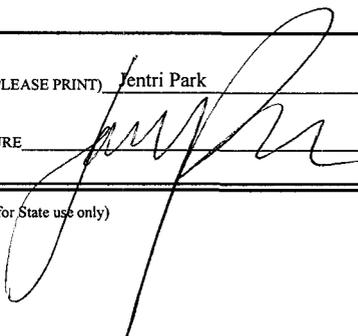
The above subject well had workover procedures (packer leak) performed. Attached is daily status report.

On 05/01/08 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 05/23/08. On 05/23/08 the csg was pressured up the 1100 psig and charted for 30 minutes with no pressure loss. The well was not injected during the test. The tbg pressure was 650 psig during the test. There was not an EPA representative available to witness the test.

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

NAME (PLEASE PRINT) Jentri Park

TITLE Production Tech

SIGNATURE 

DATE 05/29/2008

(This space for State use only)

RECEIVED
JUN 02 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

GRTR BNDRY 3-34-8-17**3/1/2008 To 7/30/2008****5/14/2008 Day: 1****Tubing Leak**

Western #2 on 5/13/2008 - MIRU Western #2. Bleed well down. ND wellhead & release Arrowset pkr @ 4378'. NU BOP. RU HO trk & flush tbg W/ 30 BW @ 175°F. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Holds solid for 20 minutes. Retrieve SV W/ overshot on sdline. TOH & talley injection string. Broke & applied Liquid O-ring to even connections only. LD pkr--elements deformed? MU & TIH W/ redressed Weatherford 5 1/2" Arrowset 1-X (W/ hardened steel slips & W.L. re-entry guide), new SN & injection tbg (same as pulled). Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Held solid for 30 minutes. Retrieve SV W/ overshot on sandline. ND BOP & land tbg on flange. Mix & pump 15 gals Multi-Chem CRW-32 & 5 gals XC-370 in 70 bbls fresh wtr. Pump dn annulus @ 90°F. PU on tbg to set pkr. Clutches on main drum slipping. Re-land tbg & SIFN.

5/15/2008 Day: 2**Tubing Leak**

Western #2 on 5/14/2008 - Repair clutch on main drum. RU HO trk to annulus. Mix 15 gals Multi-Chem CRW-32 & 5 gals XC-370 in 70 bbls fresh wtr. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4373', CE @ 4379' & EOT @ 4383'. Land tbg W/ 16,000# tension. NU wellhead. Pressure test pkr & annulus to 1400 psi. Held solid for 30 minutes. Leave pressure on well. RDMOSU. Well ready for MIT.

Pertinent Files: Go to File List

Greater Boundary 3-34-8-17

Spud Date: 5/24/2004
 Put on Production: 6/29/2004
 GL: 5067' KB: 5079'

Initial Production: 100 BOPD,
 125 MCFD, 5 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (307')
 DEPTH LANDED: 317' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 155 sxs Class "G" cmt, est 4 bbls cmt to surf.

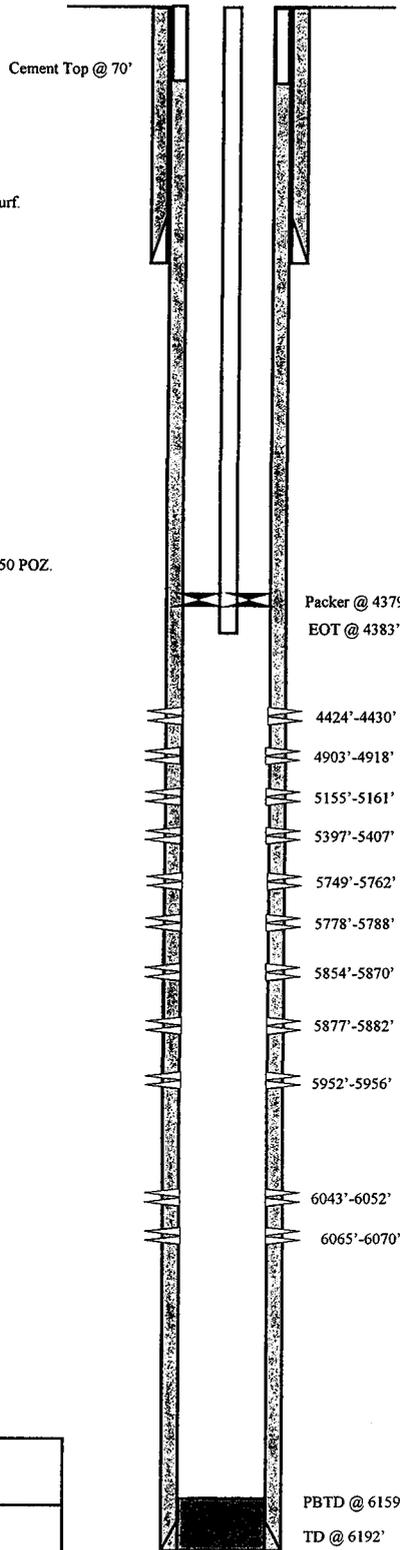
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6183')
 DEPTH LANDED: 6181' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 70' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 139 jts (4361.24')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4373.24' KB
 TOTAL STRING LENGTH: EOT @ 4382.69' KB

Injection Wellbore Diagram



FRAC JOB

6/17/2004	5952'-6070'	Frac CP sand as follows: 39,980# 20/40 sand in 415 bbls Lightning 17 fluid. Treated @ avg press of 2130 psi w/avg rate of 24.8 BPM. ISIP 2710 psi. Calc flush: 5952 gal. Actual flush: 5964 gal.
6/17/2004	5854'-5882'	Frac CP sand as follows: 59,724# 20/40 sand in 490 bbls Lightning 17 fluid. Treated @ avg press of 1414 psi w/avg rate of 25.1 BPM. ISIP 1570 psi. Calc flush: 5854 gal. Actual flush: 5880 gal.
6/17/2004	5749'-5788'	Frac CP sand as follows: 69,496# 20/40 sand in 552 bbls Lightning 17 fluid. Treated @ avg press of 1646 psi w/avg rate of 24.9 BPM. ISIP 1840 psi. Calc flush: 5749 gal. Actual flush: 5754 gal.
6/21/2004	5397'-5407'	Frac A1 sand as follows: 39,665# 20/40 sand in 383 bbls Lightning 17 fluid. Treated @ avg press of 1880 psi w/avg rate of 24.6 BPM. ISIP 2180 psi. Calc flush: 5397 gal. Actual flush: 5393 gal.
6/22/2004	5155'-5161'	Frac B .5 sand as follows: 19,428# 20/40 sand in 253 bbls Lightning 17 fluid. Treated @ avg press of 1965 psi w/avg rate of 25 BPM. ISIP 2120 psi. Calc flush: 5155 gal. Actual flush: 5153 gal.
6/22/2004	4903'-4918'	Frac D 1 sand as follows: 64,620# 20/40 sand in 502 bbls Lightning 17 fluid. Treated @ avg press of 1535 psi w/avg rate of 24.9 BPM. ISIP 1775 psi. Calc flush: 4903 gal. Actual flush: 4901 gal.
6/22/2004	4424'-4430'	Frac GB 6 sand as follows: 24,859# 20/40 sand in 264 bbls Lightning 17 fluid. Treated @ avg press of 2105 psi w/avg rate of 24.9 BPM. ISIP 2140 psi. Calc flush: 4424 gal. Actual flush: 4339 gal.
10/2/06		Well converted to an Injection well.
10/16/06		MIT completed and submitted.
05-14-08		Workover/MIT. Update tubing information

PERFORATION RECORD

6/15/2004	6065'-6070'	4 JSPF	20 holes
6/15/2004	6043'-6052'	4 JSPF	36 holes
6/15/2004	5952'-5956'	4 JSPF	16 holes
6/17/2004	5877'-5882'	4 JSPF	20 holes
6/17/2004	5854'-5870'	4 JSPF	64 holes
6/17/2004	5778'-5788'	4 JSPF	40 holes
6/17/2004	5749'-5762'	4 JSPF	52 holes
6/21/2004	5397'-5407'	4 JSPF	40 holes
6/22/2004	5155'-5161'	4 JSPF	24 holes
6/22/2004	4903'-4918'	4 JSPF	60 holes
6/22/2004	4424'-4430'	4 JSPF	24 holes

NEWFIELD

Greater Boundary 3-34-8-17

612' FNL & 1811' FWL

NE/NW Section 34-T8S-R17E

Duchesne Co, Utah

API #43-013-32292; Lease #UTU-76241

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 05/23/08
 Test conducted by: Bernard Sanders
 Others present: _____

Well Name: <u>Gilsonite 3-34-8-19</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NE NW</u> Sec: <u>34</u> T <u>8</u> N <u>10</u> R <u>17</u> E/W County: <u>Duchenne</u> State: <u>WY</u>		
Operator: <u>Bernard Sanders</u>		
Last MIT: _____		Maximum Allowable Pressure: <u>1235</u> 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: 650 psig

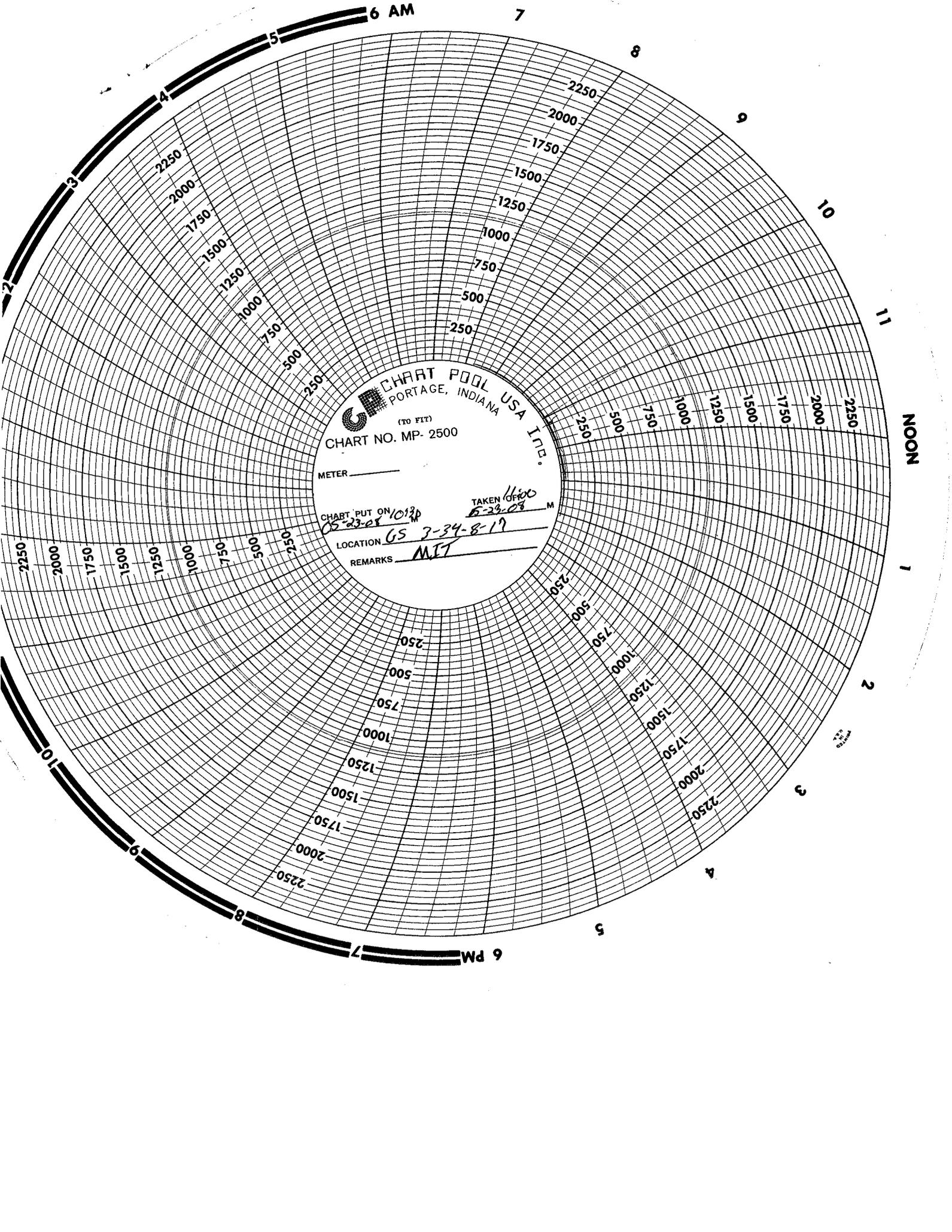
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>650</u> psig	psig	psig
End of test pressure	psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1100</u> psig	<u>650</u> psig	psig
5 minutes	<u>1100</u> psig	<u>650</u> psig	psig
10 minutes	<u>1100</u> psig	<u>650</u> psig	psig
15 minutes	<u>1100</u> psig	<u>450</u> psig	psig
20 minutes	<u>1100</u> psig	<u>650</u> psig	psig
25 minutes	<u>1100</u> psig	<u>650</u> psig	psig
30 minutes	<u>1100</u> psig	<u>650</u> psig	psig
_____ minutes	<u>1100</u> psig	<u>650</u> psig	psig
_____ minutes	<u>1100</u> psig	<u>650</u> psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input checked="" 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: _____



GA CHART POOL USA INC.
PORTAGE, INDIANA
(TO FIT)
CHART NO. MP- 2500
METER _____
CHART PUT ON 10/13/08 TAKEN OFF 11/20/08
05-23-08 6-23-08 M
LOCATION GS 3-34-8-17
REMARKS MIT



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

JUN 16 2008

RECEIVED

JUN 19 2008

Ref: 8ENF-UFO

CERTIFIED MAIL 7005-1820-0005-4856-0124
RETURN RECEIPT REQUESTED

DIV. OF OIL, GAS & MINING

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84052

43 D13 32292

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

Re: Underground Injection Control (UIC)
Permission To Resume Injection
Greater Boundary 3-34-8-17
EPA Permit # UT20702-06743
Monument Butte Oil Field
Uintah County, Utah

8S 17E 34

Dear Mr. Guinn:

On June 2, 2008, EPA received information from Newfield Production Company on the above referenced well concerning the workover to replace a leaking packer and the follow up mechanical integrity test (MIT) conducted on May 23, 2008. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before May 22, 2013.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,

for 

Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Shaun Chapoose, Director, Land Use Department
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76241
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: GBU 3-34-8-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013322920000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0612 FNL 1811 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 34 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		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"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="5 YR MIT"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/24/2013			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

5 YR MIT on the above listed well. On 04/24/2013 the casing was pressured up to 1350 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbp pressure was 1145 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-06743

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 4/26/2013	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 4/24/13
 Test conducted by: Dele Giles
 Others present: _____

Well Name: <u>Greater Boundary 3-34-8-17</u> Type: ER SWD Status: AC TA UC	
Field: <u>Monument Butte</u>	
Location: <u>NE/NW Sec. 34 T 8 N 17 E W</u> County: <u>Duchesne</u> State: <u>UT</u>	
Operator: <u>Newfield Production Co.</u>	
Last MIT: <u>1/1</u>	Maximum Allowable Pressure: <u>1205</u> 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: 11 bpd

Pre-test casing/tubing annulus pressure: 0 psig

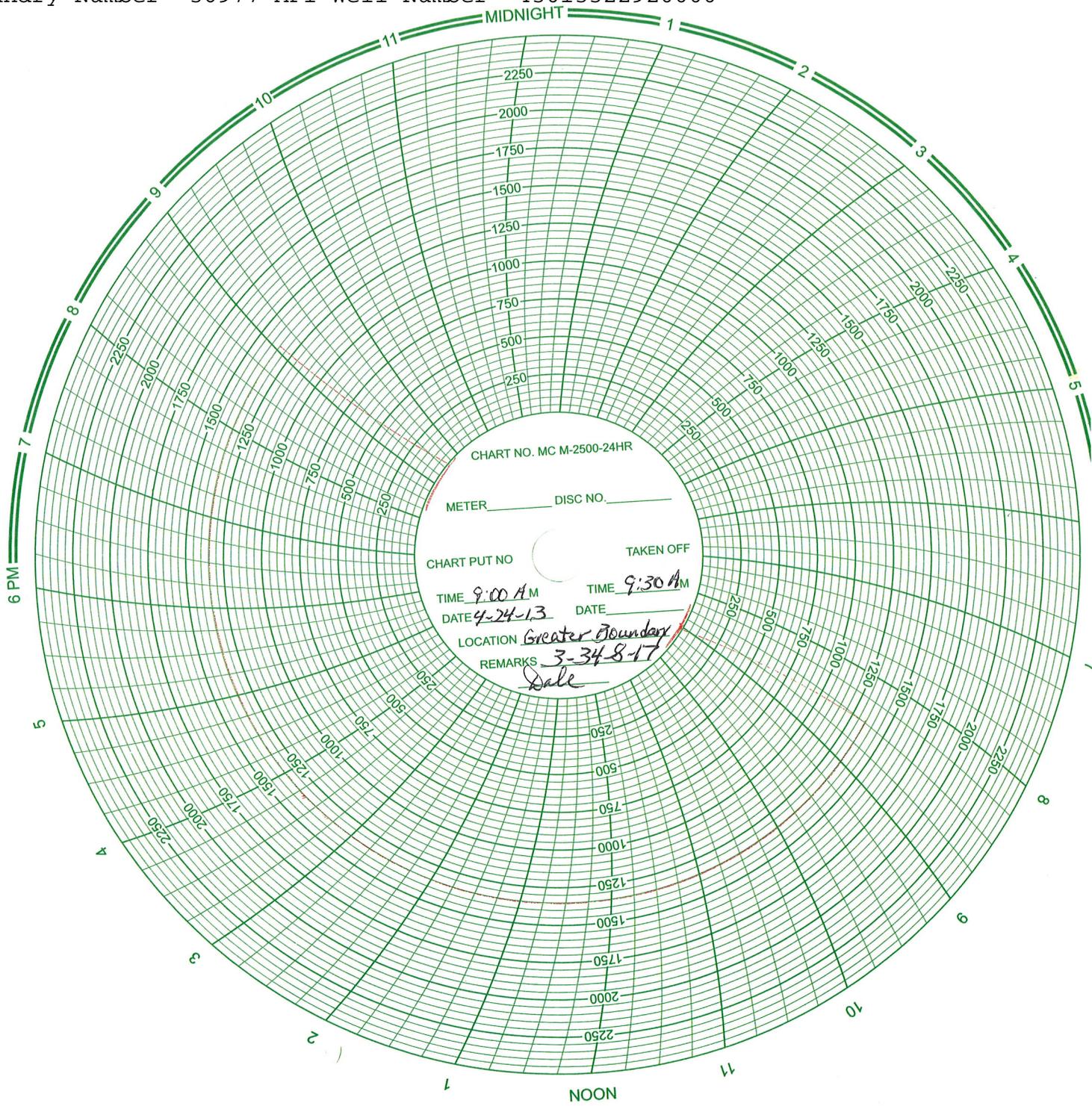
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1145</u> psig	psig	psig
End of test pressure	<u>1145</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1350</u> psig	psig	psig
5 minutes	<u>1350</u> psig	psig	psig
10 minutes	<u>1350</u> psig	psig	psig
15 minutes	<u>1350</u> psig	psig	psig
20 minutes	<u>1350</u> psig	psig	psig
25 minutes	<u>1350</u> psig	psig	psig
30 minutes	<u>1350</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass [] Fail	[] Pass [] Fail	[] Pass [] 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: _____



Greater Boundary 3-34-8-17

Spud Date: 5/24/2004
 Put on Production: 6/29/2004
 GL: 5067' KB: 5079'

Initial Production: 100 BOPD,
 125 MCFD, 5 BWPD

Injection Wellbore Diagram

SURFACE CASING

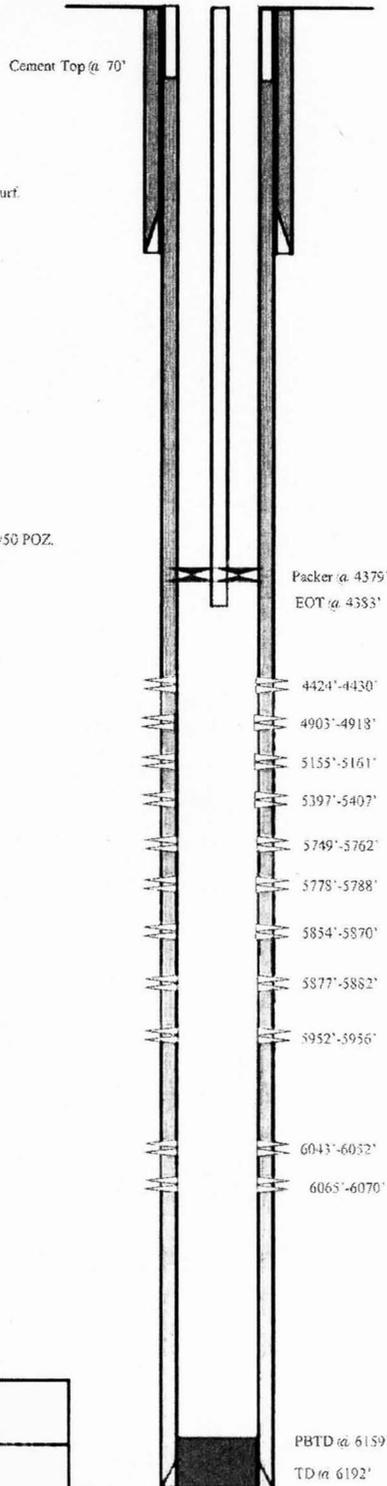
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (307')
 DEPTH LANDED: 317' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 155 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6183')
 DEPTH LANDED: 6181' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 70' per CBL

TUBING

SIZE, GRADE, WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 139 jts (4361.24')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4373.24' KB
 TOTAL STRING LENGTH: EOT @ 4382.69' KB



FRAC JOB

6/17/2004	5952'-6070'	Frac CP sand as follows: 39,980# 20/40 sand in 415 bbls Lightning 17 fluid. Treated @ avg press of 2130 psi w/avg rate of 24.8 BPM. ISIP 2710 psi. Calc flush: 5952 gal. Actual flush: 5964 gal.
6/17/2004	5854'-5882'	Frac CP sand as follows: 59,724# 20/40 sand in 490 bbls Lightning 17 fluid. Treated @ avg press of 1414 psi w/avg rate of 25.1 BPM. ISIP 1570 psi. Calc flush: 5854 gal. Actual flush: 5880 gal.
6/17/2004	5749'-5788'	Frac CP sand as follows: 69,496# 20/40 sand in 552 bbls Lightning 17 fluid. Treated @ avg press of 1646 psi w/avg rate of 24.9 BPM. ISIP 1840 psi. Calc flush: 5749 gal. Actual flush: 5754 gal.
6/21/2004	5397'-5407'	Frac A1 sand as follows: 39,665# 20/40 sand in 383 bbls Lightning 17 fluid. Treated @ avg press of 1880 psi w/avg rate of 24.6 BPM. ISIP 2180 psi. Calc flush: 5397 gal. Actual flush: 5393 gal.
6/22/2004	5155'-5161'	Frac B .5 sand as follows: 19,428# 20/40 sand in 253 bbls Lightning 17 fluid. Treated @ avg press of 1965 psi w/avg rate of 25 BPM. ISIP 2120 psi. Calc flush: 5155 gal. Actual flush: 5153 gal.
6/22/2004	4903'-4918'	Frac D 1 sand as follows: 64,620# 20/40 sand in 502 bbls Lightning 17 fluid. Treated @ avg press of 1535 psi w/avg rate of 24.9 BPM. ISIP 1775 psi. Calc flush: 4903 gal. Actual flush: 4901 gal.
6/22/2004	4424'-4430'	Frac GB 6 sand as follows: 24,859# 20/40 sand in 264 bbls Lightning 17 fluid. Treated @ avg press of 2105 psi w/avg rate of 24.9 BPM. ISIP 2140 psi. Calc flush: 4424 gal. Actual flush: 4339 gal.
10/2/06		Well converted to an injection well.
10/16/06		MIT completed and submitted.
05-14-08		Workover/MIT. Update tubing information

PERFORATION RECORD

6/15/2004	6065'-6070'	4 JSPF	20 holes
6/15/2004	6043'-6052'	4 JSPF	36 holes
6/15/2004	5952'-5956'	4 JSPF	16 holes
6/17/2004	5877'-5882'	4 JSPF	20 holes
6/17/2004	5854'-5870'	4 JSPF	64 holes
6/17/2004	5778'-5788'	4 JSPF	40 holes
6/17/2004	5749'-5762'	4 JSPF	52 holes
6/21/2004	5397'-5407'	4 JSPF	40 holes
6/22/2004	5155'-5161'	4 JSPF	24 holes
6/22/2004	4903'-4918'	4 JSPF	60 holes
6/22/2004	4424'-4430'	4 JSPF	24 holes

NEWFIELD

Greater Boundary 3-34-8-17

612' FNL & 1811' FWL

NE/NW Section 34-T8S-R17E

Duchesne Co, Utah

API #43-013-32292; Lease #UTU-76241