



PRODUCTION COMPANY
A Subsidiary of Inland Resources Inc.

May 23, 2001

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

RE: Application for Permit to Drill Well No: 1-34-8-17, 2-34-8-17, 4-34-8-17
5-34-8-17, 6-34-8-17, and 7-34-8-17.

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: Jon Holst
Denver office well file
Pleasant Valley well file

RECEIVED

MAY 23 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		8. FARM OR LEASE NAME WELL NO. 5-34-8-17	
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"/>		9. API WELL NO.		10. FIELD AND POOL OR WILDCAT Monument Butte	
2. NAME OF OPERATOR Inland Production Company				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/NW Sec. 34, T8S, R17E	
3. ADDRESS OF OPERATOR Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721				12. County Duchesne	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface SW/NW 743' FWL 1895' FNL 4436525 N At proposed Prod. Zone 585373 E				13. STATE UT	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 14.9 miles southeast of Myton, Utah					
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to)		16. NO. OF ACRES IN LEASE		17. NO. OF ACRES ASSIGNED TO THIS WELL	
Approx. 743' f/lse line & 743' f/unit line		4,643.51		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. 1,182'		6500'		Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5138.9' 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					

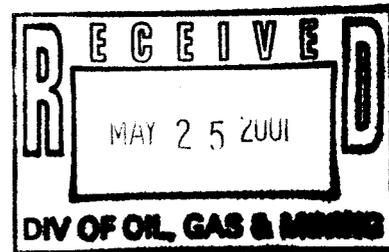
Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 5-31-01
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 May 22, 2001

(This space for Federal or State office use)

PERMIT NO. 43-013-32255 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 _____

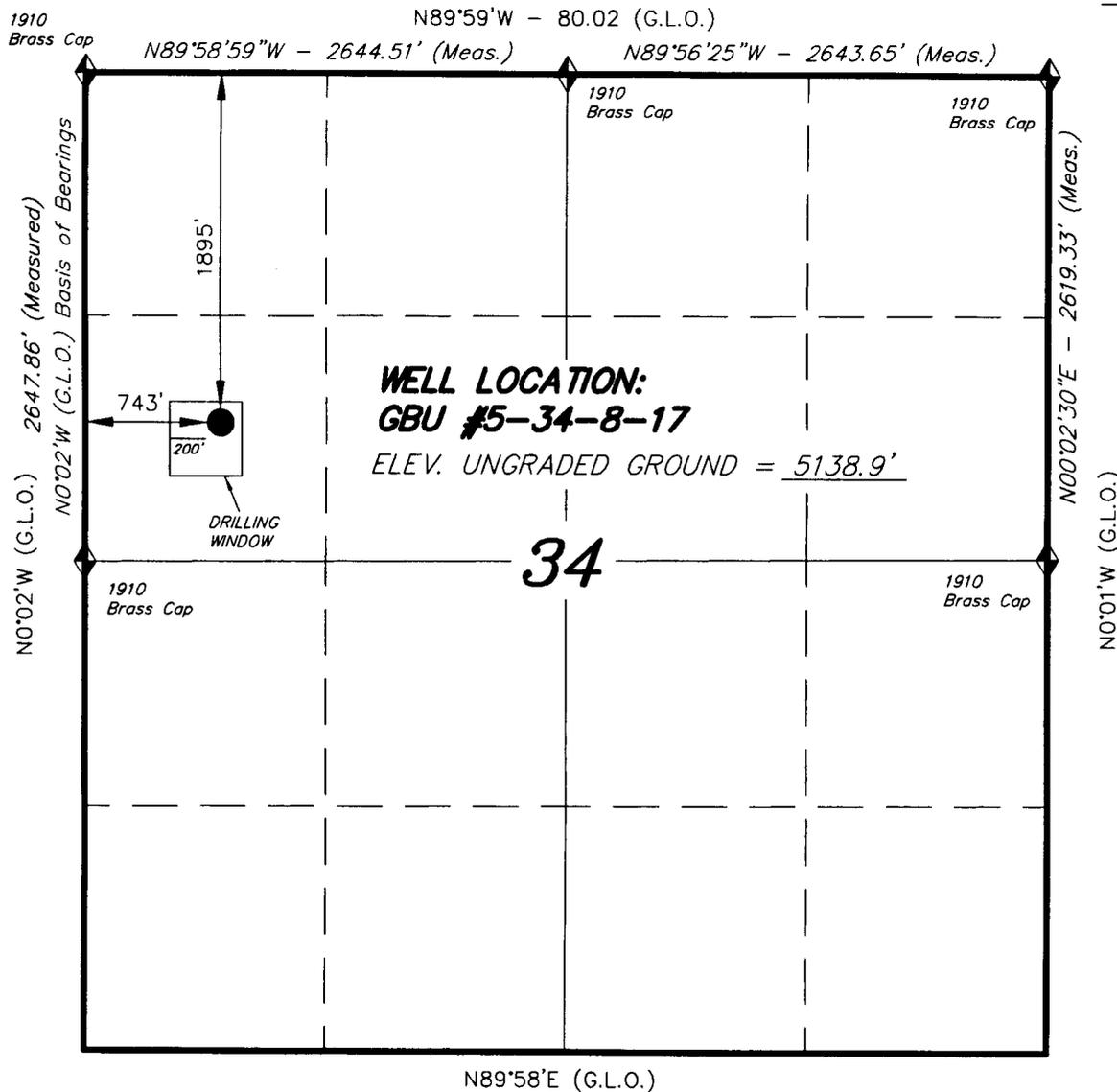
***See Instructions On Reverse Side**

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.

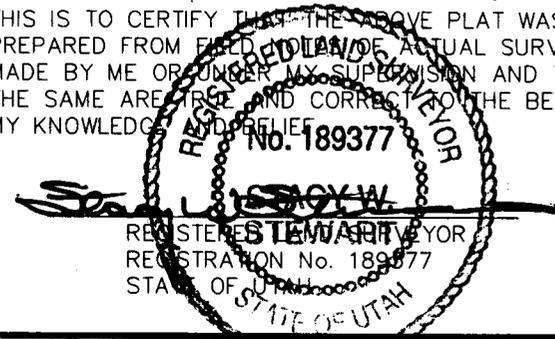
T8S, R17E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, GREATER BOUNDARY UNIT #5-34-8-17, LOCATED AS SHOWN IN THE SW 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 DATA OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



◆ = 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: L.D.T.

DATE: 4-24-01

WEATHER: COOL

NOTES:

FILE #

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)

May 31, 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)

43-013-32252	GBU 1-34-8-17	Sec. 34, T8S, R17E	0525 FNL 0705 FEL
43-013-32253	GBU 2-34-8-17	Sec. 34, T8S, R17E	0660 FNL 1980 FEL
43-013-32254	GBU 4-34-8-17	Sec. 34, T8S, R17E	0686 FNL 0884 FWL
43-013-32255	GBU 5-34-8-17	Sec. 34, T8S, R17E	1895 FNL 0743 FWL
43-013-32256	GBU 6-34-8-17	Sec. 34, T8S, R17E	1986 FNL 1834 FWL
43-013-32257	GBU 7-34-8-17	Sec. 34, T8S, R17E	2009 FNL 1982 FEL

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:5-31-1

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Greater Boundary 5-34-8-17

API Number:

Lease Number: UTU-76241

GENERAL

Access well location from the southwest, off an existing jeep trail.

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 #5-34-8-17
SW/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 #5-34-8-17
SW/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 # 5-34-8-17 located in the SW 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 along Hwy 53 - 13.7 miles \pm to it's junction with an existing road; proceed easterly 1.2 miles \pm to the beginning of an existing jeep trail; proceed easterly along the jeep trail 1650' \pm to its junction with the proposed access road to the well location; proceed northerly along the proposed access road 332' \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 are attached.

Inland Production Company requests a 60' ROW for the Greater Boundary #5-34-8-17 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 #5-34-8-17 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 #5-34-8-17 SW/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.

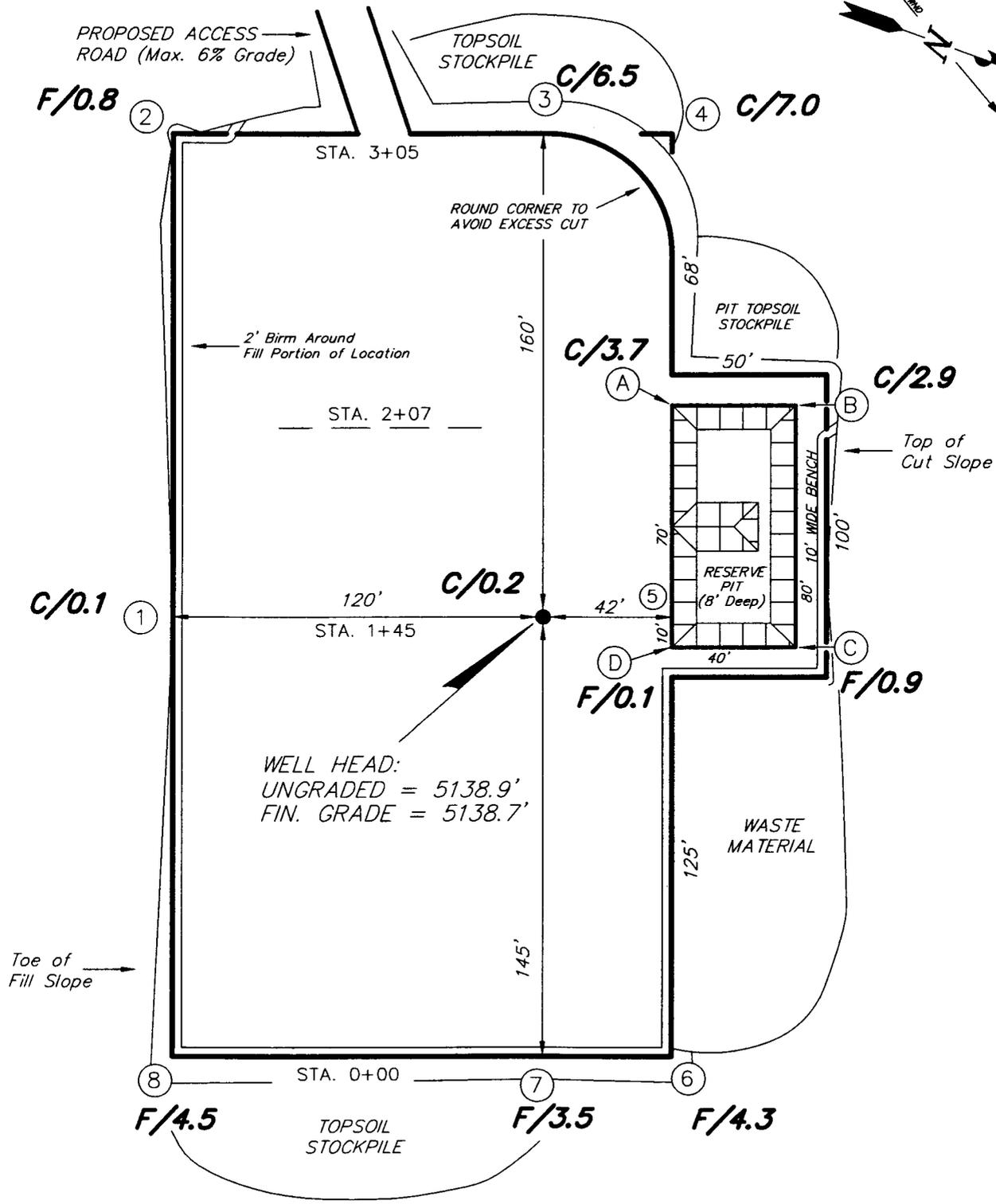
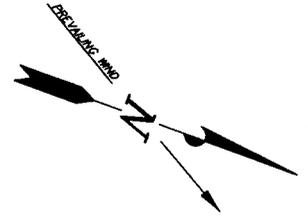
May 22, 2001
Date



Mandie Crozier
Permit Clerk

INLAND PRODUCTION COMPANY

GBU #5-34-8-17
SEC. 34, T8S, R17E, S.L.B.&M.



REFERENCE POINTS
 195' NORTHEAST = 5134.7'
 245' NORTHEAST = 5133.2'

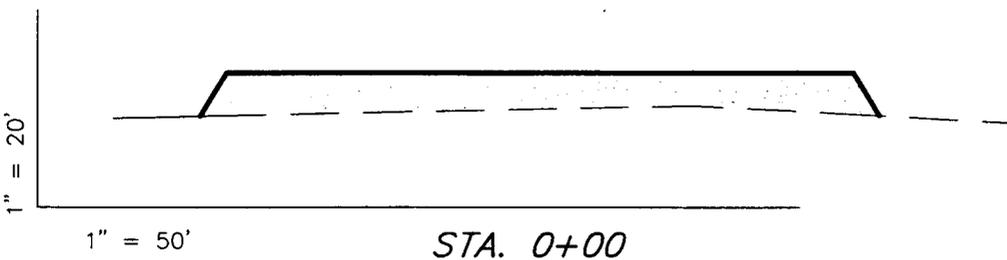
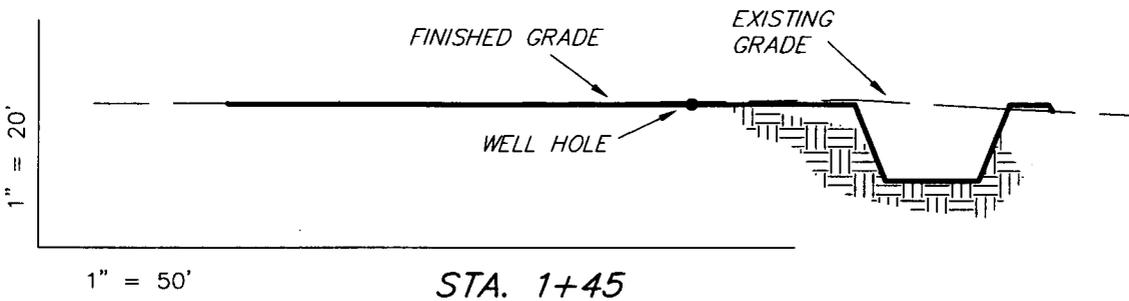
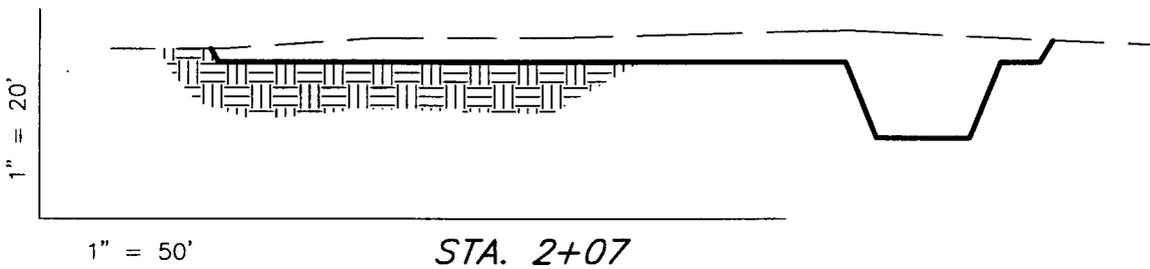
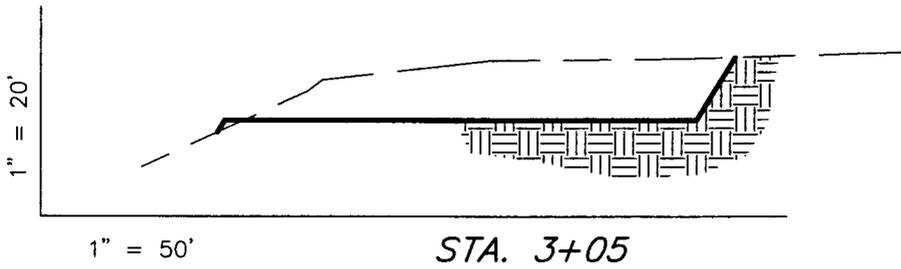
SURVEYED BY: L.D.T.	SCALE: 1" = 50'	 Tri State Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
DRAWN BY: J.R.S.	DATE: 4-23-01	

(435) 781-2501

INLAND PRODUCTION COMPANY

CROSS SECTIONS

GBU #5-34-8-17



APPROXIMATE YARDAGES

- CUT = 2,710 Cu. Yds.
- FILL = 2,160 Cu. Yds.
- PIT = 640 Cu. Yds.
- 6" TOPSOIL = 1,010 Cu. Yds.

SURVEYED BY: L.D.T.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

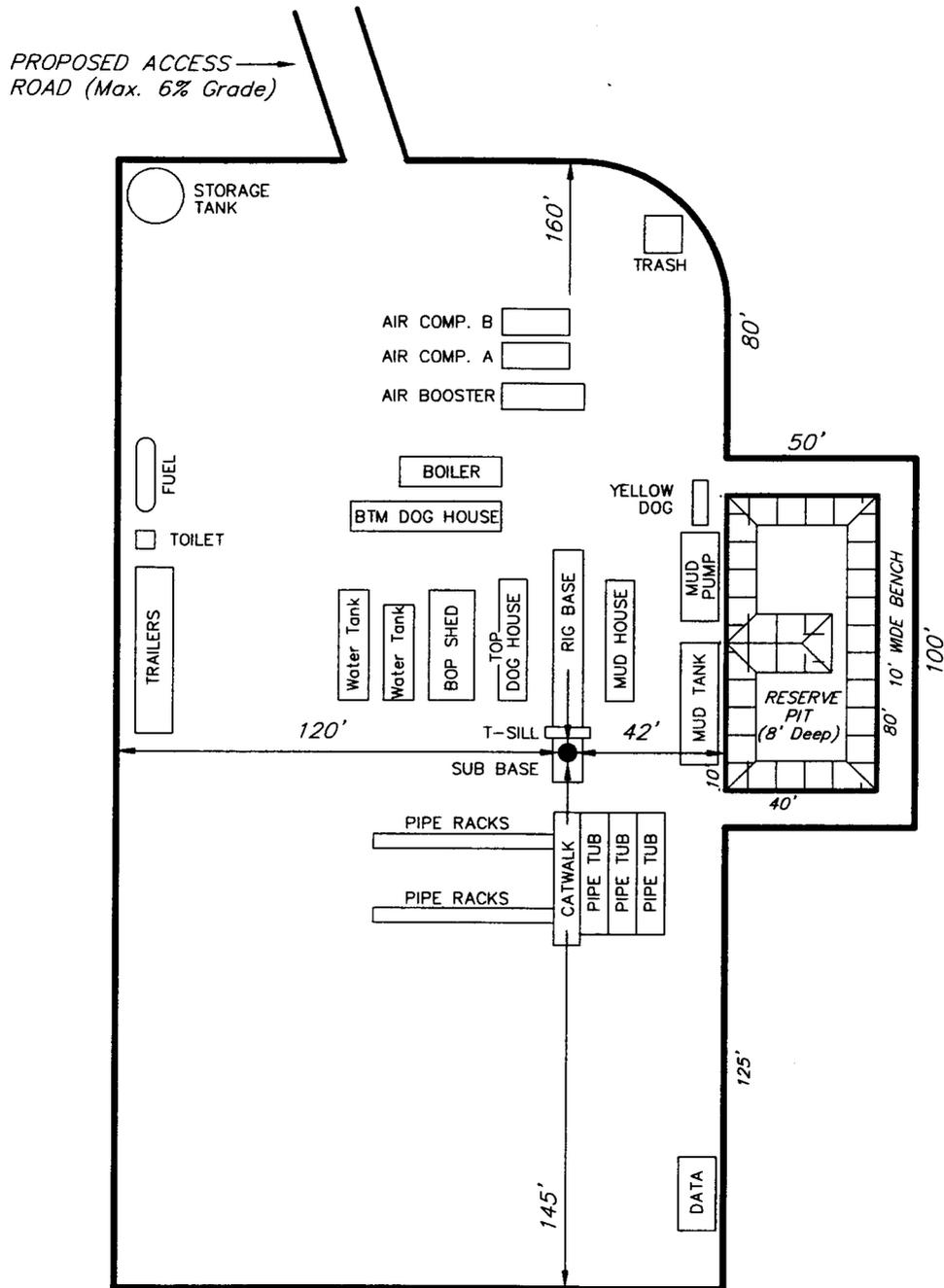
DATE: 4-23-01

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

INLAND PRODUCTION COMPANY

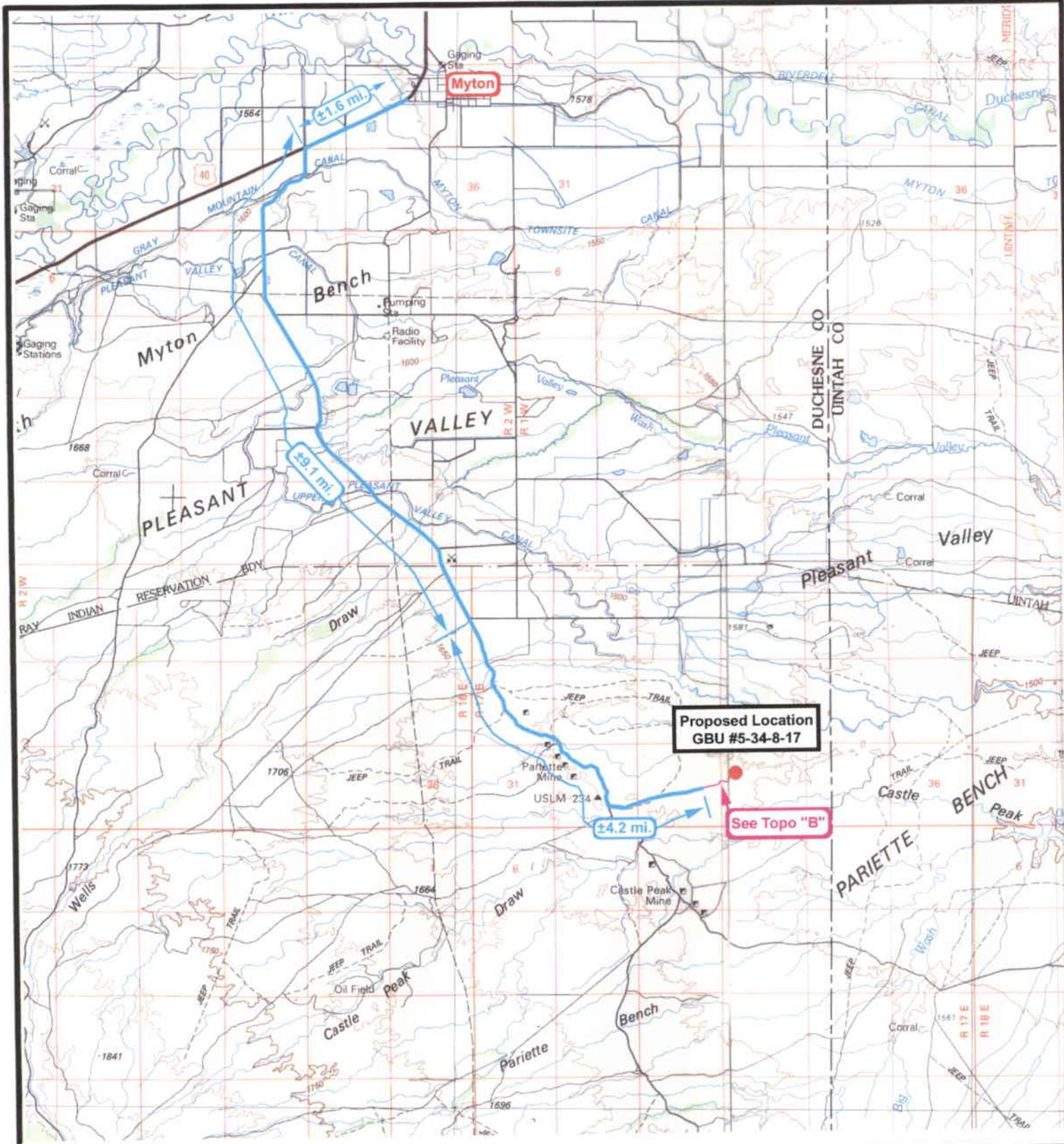
TYPICAL RIG LAYOUT

GBU #5-34-8-17



SURVEYED BY: L.D.T.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 4-23-01

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



Proposed Location
GBU #5-34-8-17

See Topo "B"



RESOURCES INC.

**GREATER BOUNDARY UNIT
#5-34-8-17
SEC. 34, T8S, R17E, S.L.B.&M.**



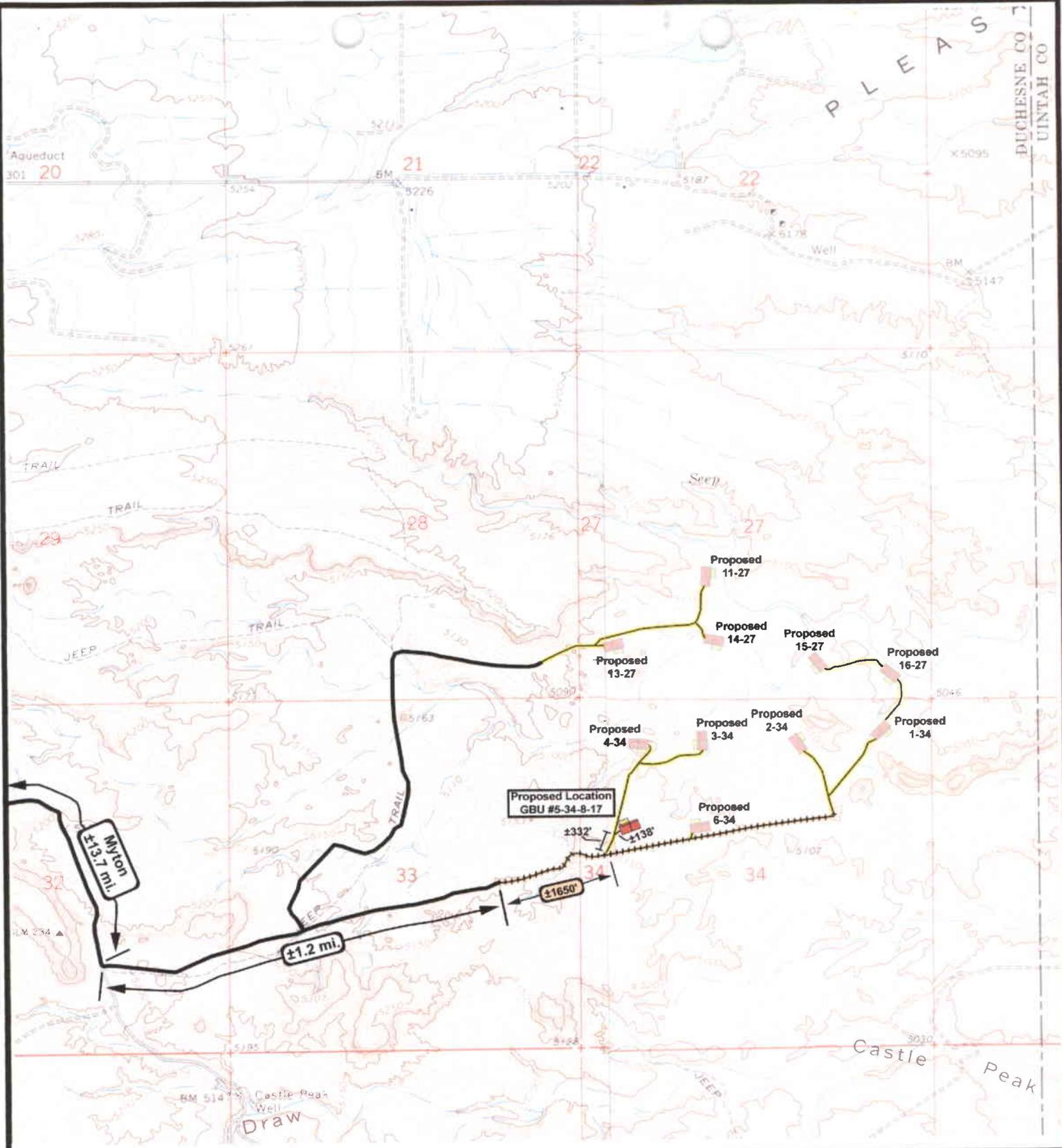
*Tri-State
Land Surveying Inc.*
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1 : 100,000
DRAWN BY: bgm
DATE: 04-25-2001

Legend

Existing Road
Proposed Access

TOPOGRAPHIC MAP
"A"



**Greater Boundry Unit
#5-34-8-17
SEC. 34, T8S, R17E, S.L.B.&M.**

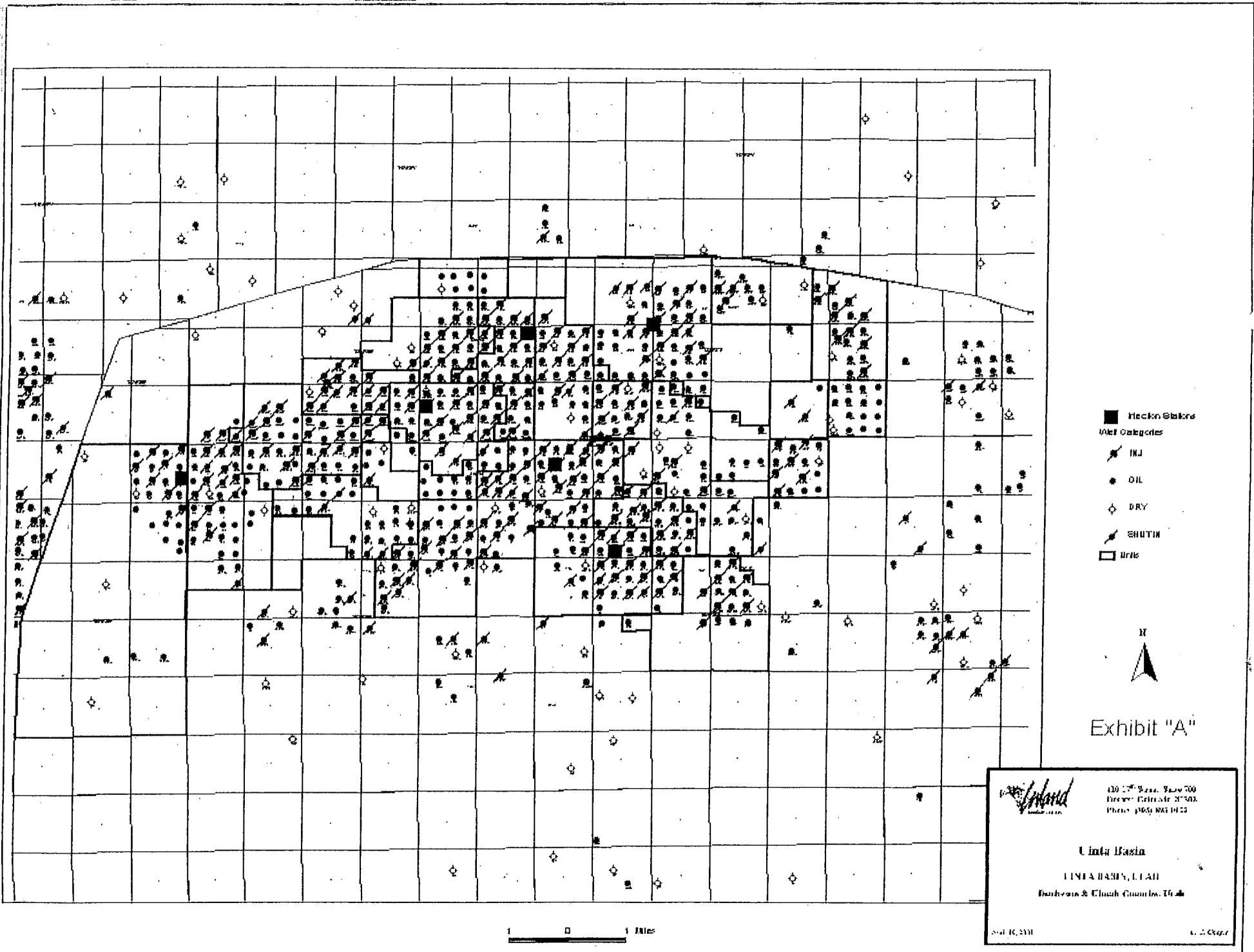


*Tri-State
Land Surveying Inc.*
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: bgm
DATE: 04-27-2001

Legend	
	Existing Road
	Proposed Access
	Jeep Trail to be Upgraded

TOPOGRAPHIC MAP
"B"



- Heckin Shalers
- Wet Categories
- ★ INJ
- OIL
- ◇ DRY
- SHUTIN
- URIS



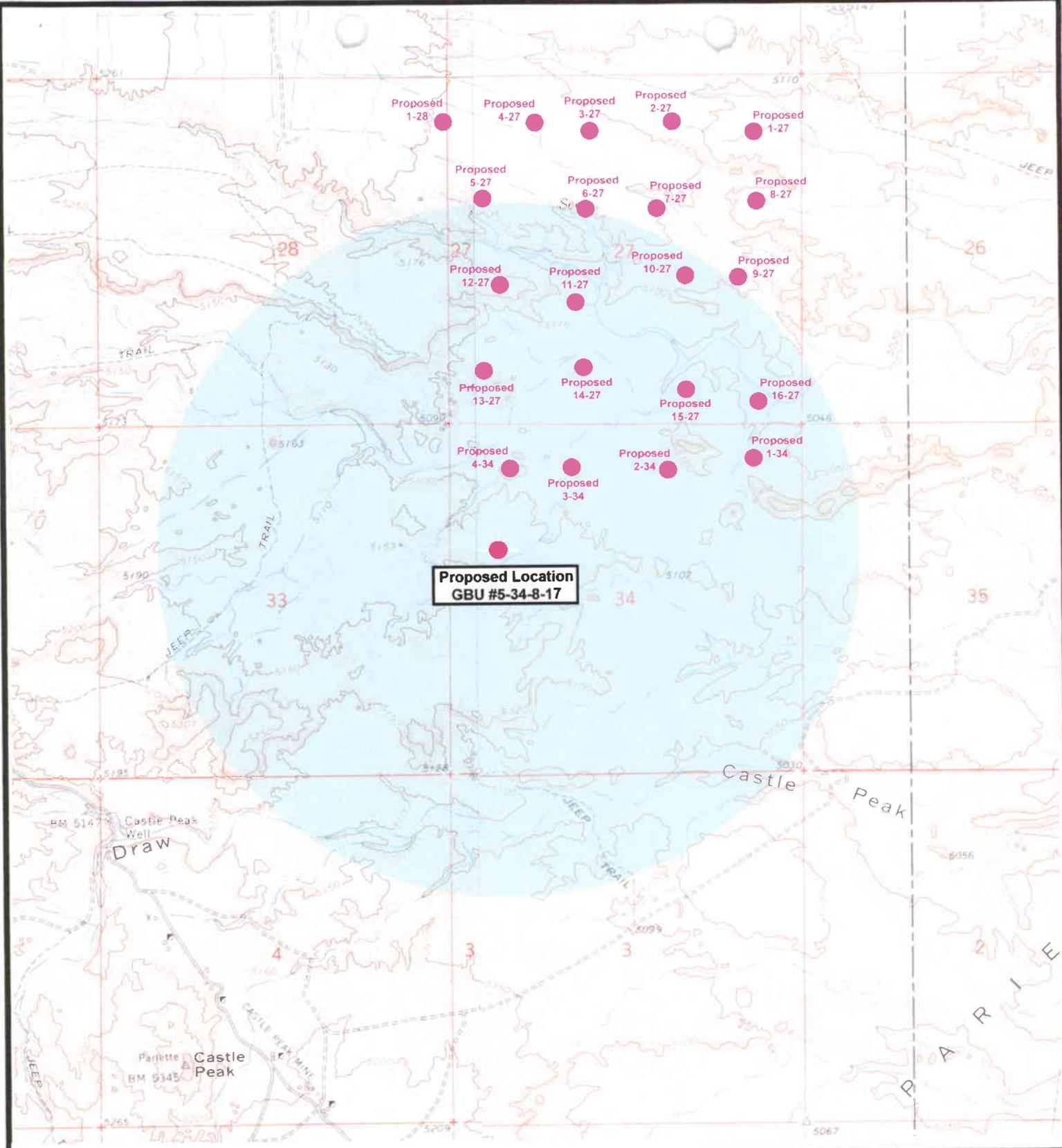
Exhibit "A"

Landmark
Energy Services

100 17th Street, Suite 700
 Denver, Colorado 80202
 Phone: (303) 841-9122

Uinta Basin
 UTAH BASIN, UTAH
 Garfield & Chubb Counties, Utah

© 2000



**Proposed Location
GBU #5-34-8-17**



**Greater Boundary Unit
#5-34-8-17
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: 04-24-2001

Legend

- Proposed Location
- Two-Mile Radius

**EXHIBIT
"B"**

RAM TYPE B.O.P.

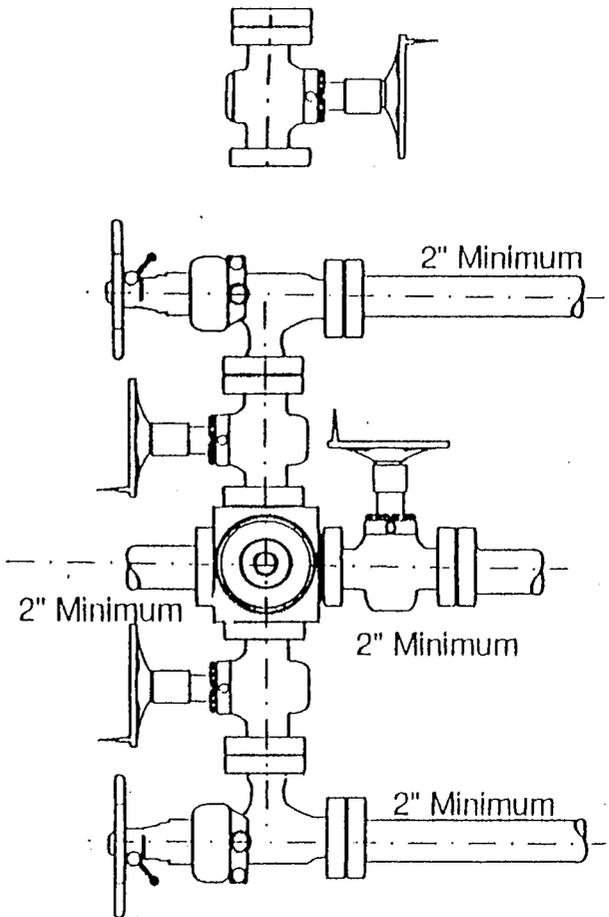
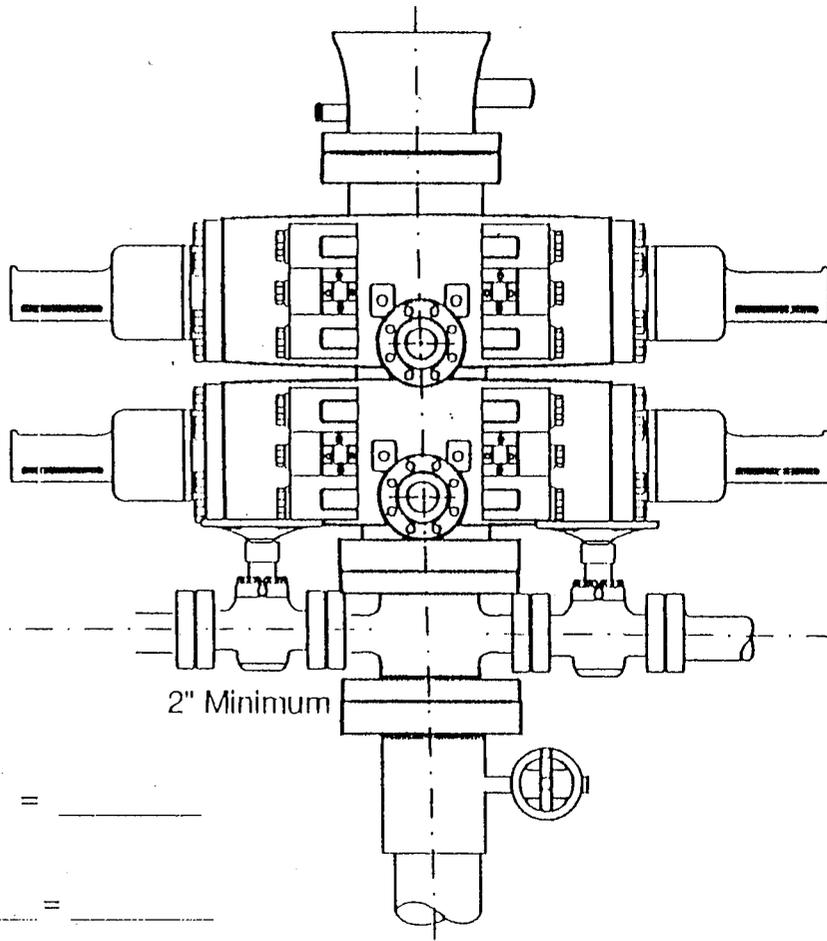
Make:

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: 05/25/2001

API NO. ASSIGNED: 43-013-32255

WELL NAME: GBU 5-34-8-17
 OPERATOR: INLAND PRODUCTION (N5160)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNW 34 080S 170E
 SURFACE: 1895 FNL 0743 FWL
 BOTTOM: 1895 FNL 0743 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 (Y/N) *190-5 (B) or 190-3
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

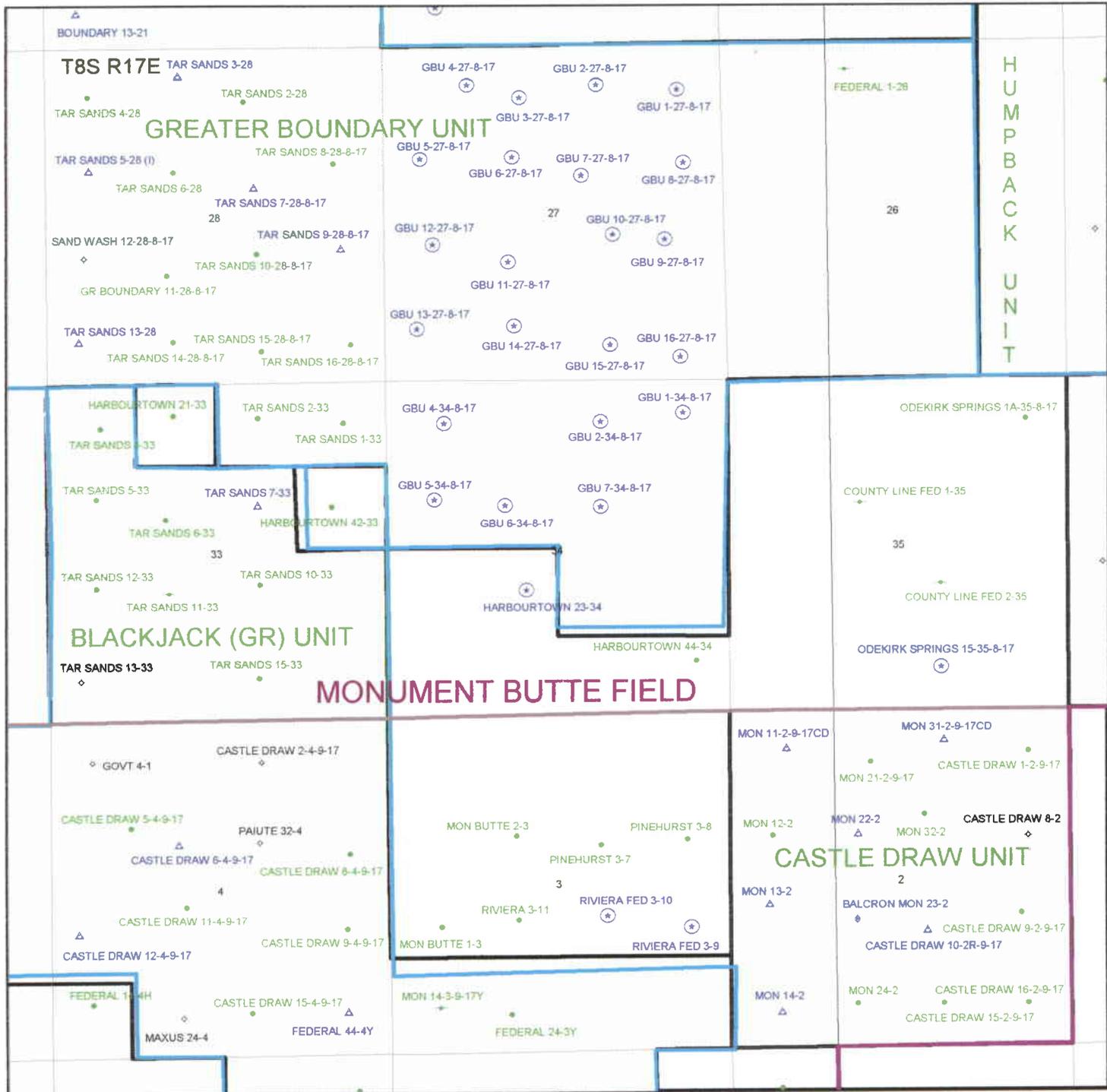
- R649-2-3. Unit GREATER BOUNDARY
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 225-2 *Unit E. Enh. Rec.
Eff Date: 4-8-98
Siting: *Suspends Gen. Siting Rule
- R649-3-11. Directional Drill

COMMENTS: Mon. Butte Field SOP, separate file.

STIPULATIONS: Fed. Approval



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





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)

May 31, 2001

Inland Production Company
Route 3 Box 3630
Myton, UT 84052

Re: Greater Boundary 5-34-8-17 Well, 1895' FNL, 743' FWL, SW 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 43-013-32255.

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 5-34-8-17

API Number: 43-013-32255

Lease: UTU 76241

Location: SW 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**

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"/> <input type="checkbox"/>			8. FARM OR LEASE NAME WELL NO. 5-34-8-17	
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 SW/NW 743' FWL 1895' FNL At proposed Prod. Zone			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/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 t Approx. 743' f/lse line & 743' f/unit line	16. NO. OF ACRES IN LEASE 4,643.51	17. NO. OF ACRES ASSIGNED TO THIS WELL 40		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approx. 1,182'	19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5138.9' 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.

RECEIVED

AUG 20 2001

DIVISION OF
OIL, GAS AND MINING

RECEIVED

MAY 24 2001

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 *Mandi Crozier* TITLE **Permit Clerk** DATE **May 22, 2001**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Theresa R. Leavitt* TITLE **Assistant Field Manager
Mineral Resources** DATE *08/01/2001*

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

*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.

01MH0045A DOGM

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Greater Boundary 5-34-8-17

API Number: 43-013-32255

Lease Number: U-76241

Location: SWNW Sec. 34 T.8S R. 17E

Agreement: Greater Boundary Unit

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

CONDITIONS OF APPROVAL

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

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Other Information

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

B. SURFACE USE PROGRAM

1. Plans For Reclamation of Location:

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

shadscale	Atriplex confertifolia	3 lbs/acre
mat saltbush	Atriplex corrugata	3 lbs/acre
gardners saltbush	Atriplex gardneri	3 lbs/acre
galleta grass	Hilaria jamesii	3 lbs/acre

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

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

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 5-34-8-17

9. API Well No.
43-013-32255

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
743 FWL 1895 FNL SW/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 Permit Extension
	<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: 05-23-02
By: [Signature]

COPY SENT TO OPERATOR
Date: 5-28-02
Initials: CHD

RECEIVED

MAY 27 2002

DIVISION OF
OIL, GAS AND MINING

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

Signed Mandie Crozier Title Permit Clerk Date 5/21/2002
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

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

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 Use "APPLICATION FOR PERMIT -" for such proposals

RECEIVED
 AUG 02 2002

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 5-34-8-17

9. API Well No.
43-013-32255

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
DUCHESNE COUNTY, UTAH

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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

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	<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.

RECEIVED
 SEP 04 2002
 DIVISION OF
 OIL, GAS AND MINING

CONDITIONS OF APPROVAL ATTACHED

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

Signed Mandie Crozier Title Permit Clerk Date 8/1/2002
 Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by Kirk Johnson Title Petroleum Engineer Date 8/22/02

Conditions of approval, if any:

CC: Utah DOGM

Inland Production Company
APD Extension

Well: GB 5-34-8-17

Location: SWNW Sec. 34, T8S, R17E

Lease: UTU 76241

CONDITIONS OF APPROVAL

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

1. The extension will expire August 1, 2003
2. No other extensions beyond that time frame will be granted or allowed.

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

RECEIVED
SEP 04 2002
DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

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 5-34-8-17

9. API Well No.

43-013-32255

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)

743 FWL 1895 FNL SW/NW Section 34, T8S R17E

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

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

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

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

COPY SENT TO OPERATOR
Date: 5-8-03
Initials: CHD

**Approved by the
Utah Division of
Oil, Gas and Mining**
Date: 05-07-03
By: [Signature]

MAY 06 2003

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

Signed Mandie Crozier Title Regulatory Specialist Date 5/1/2003
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

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

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

API: 43-013-32255
Well Name: Greater Boundary 5-34-8-17
Location: SW/NW Section 34, T8S R17E
Company Permit Issued to: Inland Production Company
Date Original Permit Issued: 5/23/2002

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

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

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

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

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

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

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

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

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

Merrilee Crozier
Signature

5/2/2003
Date

Title: Regulatory Specialist

Representing: Inland Production Company

MAY 06 2003



PRODUCTION COMPANY
A Subsidiary of Inland Resources Inc.

April 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 Extensions on Applications for Permit to Drill.

Dear Diana:

I had talked to you earlier this week on the phone concerning these permit extensions. We have already received a one year extension on these permits and would like to extend them for another year, since the approval that we have received from the BLM is not due to expire yet. If you have any questions, feel free to give me a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

enclosures

MAY 06 2003

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. NS160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RS	COUNTY		
B	99999	12391	43-013-32255	Greater Boundary 5-34-8-17	SWNW	34	8S	17E	Duchesne	August 21, 2003	8/25/03

WELL 1 COMMENTS:
GRU

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

WELL 2 COMMENTS:

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

WELL 3 COMMENTS:

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

WELL 4 COMMENTS:

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

WELL 5 COMMENTS:

- ACTION CODES** (See instructions on back of form)
- A - Establish a 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
 August 21, 2003
 Date

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 AUG 22 2003

e

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)

743' FWL & 1895' FN SW/NW Sec 34. TWN 8S. 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 Boundry

8. Well Name and No.

5-34-8-17

9. API Well No.

43-013-32255

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, Utah

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Spud Report**

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

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

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

On 8-21-03. MIRU Ross # 14 . Drill 307' of 12 1/4" hole with air mist. TIH w/ 7 Jt's 85/8" J-55 24# csgn. Set @ 308.63'/KB On 8-22-03 cement with 150 sks of Class "G" w/ 3% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 2 bbls cement to pit. WOC

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

Signed

Pat Wisener
Pat Wisener

Title

Drilling Foreman

Date

08/25/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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

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AUG 26 2003

DIV. OF OIL, GAS & MINERAL

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 308.63

LAST CASING 8 5/8" SET AT 308.63
 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 Greater Boundry 5-34-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross # 14

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		42.85' sh jt' shjt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	296.78
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			298.63
TOTAL LENGTH OF STRING		298.63	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			308.63
TOTAL		296.78	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		296.78	7				
TIMING		1ST STAGE		GOOD CIRC THRU JOB			yes
BEGIN RUN CSG.		SPUD	08/21/2003	Bbls CMT CIRC TO SURFACE			2 bbls cement
CSG. IN HOLE			9:00am	RECIPROCATED PIPE FOR			THRU _____ FT STROKE
BEGIN CIRC				DID BACK PRES. VALVE HOLD ?			N/A
BEGIN PUMP CMT				BUMPED PLUG TO			210 PSI
BEGIN DSPL. CMT							
PLUG DOWN		Cemented	08/22/2003				

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	150	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
AUG 26 2003
 DIV. OF OIL, GAS & MINING

COMPANY REPRESENTATIVE Pat Wisener DATE 08/22/2003

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

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-76241

6. If Indian, Allottee or Tribe Name
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7. If Unit or CA, Agreement Designation
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8. Well Name and No.
GREATER BOUNDARY 5-34-8-17

9. API Well No.
43-013-32255

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)
743 FWL 1895 FNL SW/NW Section 34, T8S R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other 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 2-20-03. 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 @ 260'. Drill out cement & shoe. Continue to drill a 77/8" hole with fresh water to a depth of 6235'. 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 @ 6225'/ KB. Cement with 350 sks Prem Lite II w/ 3% KCL, 8 % Gel, 5#"s sk CSE, 3#"s sk Kolseal, .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 1 bbbls cement to pit. Nippel down BOP's. Drop slips @ 78,000 # 's tension. Clean pit's & release rig on 2-25-04

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

Signed Pat Wisener Title Drilling Foreman Date 3/1/2004
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

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6225.39

Fit cllr @ 6185'

LAST CASING 8 5/8" SET AT 308'

OPERATOR Inland Production Company

DATUM 12' KB

WELL GBU 5-34-8-17

DATUM TO CUT OFF CASING 12

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Eagle # 1

TD DRILLER 6235' LOGGER 6242

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		38' @ 3963'					
144	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6173.47
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	38.67
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6227.39
TOTAL LENGTH OF STRING		6227.39	145	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		84.94	2	CASING SET DEPTH			6225.39
TOTAL		6297.08	147	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6297.08	147				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB <u>YES</u> Bbls CMT CIRC TO SURFACE <u>1 bbls cement</u> RECIPROCATED PIPE FOR <u>THRUSTROKE</u> DID BACK PRES. VALVE HOLD ? <u>yes</u> BUMPED PLUG TO <u>1758</u> PSI			
BEGIN RUN CSG.		1:00pm					
CSG. IN HOLE		5:00pm					
BEGIN CIRC		5:15pm	5:55pm				
BEGIN PUMP CMT		6:00pm	6:24pm				
BEGIN DSPL. CMT		6:45pm					
PLUG DOWN		7:10 AM					
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	350	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Pat Wisener

DATE MAR 05 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU77098X
2. Name of Operator Inland Production Company		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or No. GREATER BOUNDARY
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 743 FWL 1895 FNL SW/NW Section 34 T8S R17E		8. Well Name and No. GREATER BOUNDARY 5-34-8-17
		9. API Well No. 4301332255
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Duchesne, UT

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is 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 re 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 requirement including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 3/4/04 – 3/16/04

Subject well had completion procedures initiated in the Green River formation on 3/4/04 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (6057-6067') (4 JSPF); #2 (5824-5834'), (5810-5815'), (5790-5795'), (5754-5774') (All 4 JSPF); #3 (5440-5444'), (5385-5391') (All 4 JSPF); #4 (5067-5076'), (5034-5040') (All 4 JSPF). Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 3/9/04. Bridg plugs were drilled out. Well was cleaned out to PBTD @ 6185'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 6067.5'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 3/16/04.

MAR 19 2004

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Martha Hall	Title Office Manager
Signature <i>Martha Hall</i>	Date 3/18/2004

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)

Inland Resources Inc.

April 16, 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

Greater Boundary Unit 5-34-8-17 (43-013-32255)
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

APR 19 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

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 5-34-8-17

9. API Well No.

43-013-32255

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)

743 FWL 1895 FNL SW/NW Section 34, T8S R17E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other

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.)*

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

RECEIVED
APR 16 2004
DIV. OF OIL, GAS & MINING

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

Signed Mandie Crozier Title Regulatory Specialist Date 4/14/2004
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

**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 5-34-8-17

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 1895' FNL & 743' FWL (SWNW) Sec. 34, Twp 8S, Rng 17E
 At top prod. Interval reported below
 At total depth

9. WELL NO.
43-013-32255

10. FIELD AND POOL OR WILDCAT
Monument Butte

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

14. API NO. 43-013-32255 DATE ISSUED 5/31/2001

12. COUNTY OR PARISH
Duchesne

13. STATE
UT

15. DATE SPUNDED 8/21/2003 16. DATE T.D. REACHED 2/24/2004 17. DATE COMPL. (Ready to prod.) 3/16/2004 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5139' GL 5151' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6235' 21. PLUG BACK T.D., MD & TVD 6185' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 5034'-6067'

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#	309'	12-1/4"	To surface with 150 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6225'	7-7/8"	350 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 6067'	TA @ 5964'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(CP5) 6057'-6067'	.038	4/40
(CP1,2) 5754-74', 5790-95', 5810-15', 5824'-5834'	.038	4/160
(A1,3) 5385-91', 5440-44'	.038	4/40
(D3, C-sd) 5034'-5040', 5067'-5076'	.038	4/60

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6057'-6067'	Frac w/ 40,301# 20/40 sand in 398 bbls fluid.
5754'-5834'	Frac w/ 160,887# 20/40 sand in 1087 bbls fluid.
5385'-5444'	Frac w/ 29,247# 20/40 sand in 250 bbls fluid.
5034'-5076'	Frac w/ 66,100# 20/40 sand in 515 bbls fluid.

33.* PRODUCTION

DATE FIRST PRODUCTION 3/16/2004 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' 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. GAS--MCF. WATER--BBL. GAS-OIL RATIO

56 140 16 2500

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL-BBL. GAS--MCF. WATER--BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED Brian Harris TITLE Engineering Technician DATE 4/16/2004

RECEIVED
APR 19 2004

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Greater Boundary 5-34-8-17	Garden Gulch Mkr	3923'	
				Garden Gulch 1	4105'	
				Garden Gulch 2	4222'	
				Point 3 Mkr	4494'	
				X Mkr	4724'	
				Y-Mkr	4759'	
				Douglas Creek Mkr	4893'	
				BiCarbonate Mkr	5138'	
				B Limestone Mkr	5291'	
				Castle Peak	5713'	
				Basal Carbonate	6140'	
				Total Depth (LOGGERS)	6235'	



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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

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

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



Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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

4301332255



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

JUN - 3 2005

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED

JUN 06 2005

DIV. OF OIL, GAS & MINING

Mr. Mike Guinn
Vice President - Operations
Newfield Production Co.
Route 3 - Box 3630
Myton, Utah 84502

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

RE: ADDITIONAL WELL TO AREA PERMIT
Boundary Area Permit: UT20702-00000
Greater Boundary No. 5-34-8-17
Well ID: 20702-06683
SW NW Sec. 34 - T8S - 17E
Duchesne County, Utah

Dear Mr. Guinn:

The Newfield Production Co. (Newfield) request **to convert** a former Green River Formation oil well, the Greater Boundary No. 5-34-8-17, to a Garden Gulch-Douglas Creek-Basal Carbonate Members of the Green River Formation enhanced recovery injection well in the Boundary Area Permit is hereby authorized. The proposed Greater Boundary No. 5-34-8-17 Class II enhanced recovery injection well is within the exterior boundary of the Boundary Area Permit UT20702-00000; is within the exterior boundary of the Uintah & Ouray Indian Reservation; and the addition is being made under the authority of 40 CFR § 144.33 (c) and the terms of the Area Permit. Unless specifically mentioned in the enclosed Authorization For An Additional Well, all terms and conditions of the original Area Permit will apply to the conversion, operation, monitoring, and plugging and abandonment of the Greater Boundary No. 5-34-8-17.

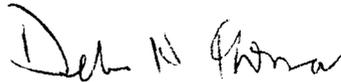
Prior to beginning injection, the Environmental Protection Agency (EPA) requires that Newfield submit for review and approval (1) the results of a **Part I (Internal) mechanical integrity test** (MIT), (2) a **pore pressure** calculation of the injection interval, (3) an **EPA Form No. 7520-12** (Well Rework Record, enclosed).

Part II. Section C. Condition No. 4 (b), (Injection Pressure Limitation), Greater Boundary Area Permit (UT20702-00000) , cites the method by which the maximum allowable injection pressure (MAIP) shall be calculated for each Additional Well to the Boundary Area Permit. As a result, the MAIP for the Greater Boundary No. 5-34-8-17 shall not exceed **1080 psig**. The Boundary Area Permit, Part II. C. 4., provides an opportunity for the permittee to request an increase, or decrease, in the initial maximum surface injection pressure.

Please be aware that Newfield does not have authorization to begin injection into the Greater Boundary No. 5-34-8-17 until the Prior to Commencing Injection requirements, listed above, have been submitted and evaluated by the EPA, and Newfield has received written authorization to begin injection from the Assistant Regional Administrator, or the Assistant Regional Administrator's authorized representative.

If Newfield has any questions, please call Mr. Dan Jackson at (800) 227-8917 (Ext. 6155), or in the Denver area at (303) 312-6155. Please submit the required pre-authorization to inject data to **ATTENTION: DAN JACKSON**, at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



for 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)
Guidance No. 39: Part I Mechanical Integrity (Internal)
Schematic Diagram: Proposed Conversion

cc w/ enclosures: Maxine Natchees
Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe

Elaine Willie
Environmental Coordinator
Ute Indian Tribe

Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency

David Gerbig
Operations Engineer
Newfield Production Company
Denver, CO 80202

Gil Hunt
Technical Services Manager
State of Utah - Natural Resources

Kirk Fleetwood
Petroleum Engineer
Bureau of Land Management
Vernal District



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

**AUTHORIZATION FOR AN ADDITIONAL WELL
TO THE
BOUNDARY AREA PERMIT: UT20702-00000**

The Environmental Protection Agency (EPA) authorizes the inclusion of an additional enhanced recovery injection well to the Boundary Area Permit No. UT20702-00000, as authorized by 40 CFR § 144.33 (c). The additional well is described as:

WELL NAME: GREATER BOUNDARY NO. 5-34-8-17

WELL PERMIT NUMBER: UT20702-06683

SURFACE LOCATION: 1895' FNL & 743' FWL (SW NW)
Sec. 34 - T8S - R17E
Duchesne County, Utah.

This well is subject to all provisions of the original Boundary Area Permit No. UT20702-00000, and subsequent Modifications, unless specifically detailed below:

UNDERGROUND SOURCE OF DRINKING WATER (USDW): The base of the USDW (Total Dissolved Solids less than 10,000 mg/l) occurs within the Uinta Formation **less than 100 feet** from ground level (GL). The source for the location of the base of the USDW is the STATE OF UTAH: PUBLICATION NO. 2. BASE OF MODERATELY SALINE GROUND WATER IN THE UINTA BASIN, UTAH. Surface casing was set at **308 feet** and cemented to the surface.

Reference: <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. 5-34-8-17 there are no reservoirs, streams, springs or wells.

WATER ANALYSES:

Produced Green River Formation Water: (1/10/05) **10,640 mg/l TDS.**

Source Water: Johnson Water District Reservoir. (3/31/04) **400 mg/l TDS.**

Blended Injectate: (1/18/05) **6519 mg/l TDS.**



CONFINING ZONE REVIEW: GREATER BOUNDARY NO. 5-34-8-17.

The EPA has authorized the gross interval from the top of the Garden Gulch Member to the top of the Wasatch as the enhanced recovery injection interval within the Boundary Area Permit. Overlying the top of the Garden Gulch Member (3920 feet), in the Greater Boundary No. 5-34-8-17, are forty-four (44) feet of Green River Formation black, slightly silty, impervious shale which forms an effective lithologic **confining zone 3876 feet to 3920 feet.**

INJECTION ZONE REVIEW: GREATER BOUNDARY NO. 5-34-8-17.

The Boundary Final Area Permit (Effective February 8, 1994) authorized injection into the Douglas Creek Member of the Green River Formation. By Major Permit Modification No. 3 (Effective May 19, 2003), the EPA authorized the gross Green River Formation Garden Gulch-Douglas Creek-Basal Carbonate Members as the enhanced recovery injection interval for the Boundary Area Permit. This Modification also recognized the **Federal No. 1-26** (NE NW Sec. 26 - T8S - R17E), UIC Permit No. UT20702-04671, as the **TYPE WELL** for identifying the tops of the Garden Gulch Member, the Douglas Creek Member, the Basal Carbonate Member, the top of the Wasatch Formation and the "Confining Zone" overlying the top of the Garden Gulch Member.

The authorized injection zone for the Greater Boundary No. 5-34-8-17 will be from the Garden Gulch Member (3920 feet) to the top of the Wasatch Formation (Estimated to be 6267 feet).

Lithologically, the gross authorized enhanced recovery injection interval, Garden Gulch to the top of the Wasatch Formation, is fluvial and lacustrine shale, fluvial and lacustrine sandstone, lacustrine marlstone, and limestone. The Uinta and Green River Formations are predominantly non-lacustrine fluvial shale and sandstone on the basin margins, whereas lacustrine deposition predominates in the central basin area for these two formations. The Wasatch Formation is predominantly fluvial, except for increasing minor lacustrine deposition in the central basin area.

WELL CONSTRUCTION REVIEW: GREATER BOUNDARY NO. 5-34-8-17.

SURFACE CASING: 8-5/8 inch casing is set at 309 feet in a 12-1/4 inch hole, using 150 sacks of Class "G" cement circulated to the surface. The base of the USDW is less than 100 feet from ground level.

LONGSTRING CASING: 5-1/2 inch casing is set at 6225 feet kelly bushing (KB) in a 7-7/8 inch hole, and cemented with 350 sacks of Premium Lite II mixed and 400 sacks of 50/50 Pozmix.

The operator identifies the top of cement at 370 feet by CBL.

The EPA analysis of the CBL/GR identifies 80% bond index cement bond from 4190 feet to 4254 feet.

An EPA analysis of the Greater Boundary No. 5-34-8-17 CBL/GR did not identify continuous 80% bond index cement bond within the confining zone overlying the top of the Garden Gulch Member, pursuant to standards of Region 8 GROUND WATER SECTION GUIDANCE NO. 34: Cement Bond Logging Techniques and Interpretation. Therefore, it **has not been determined that the cement in this well may provide an effective barrier** to upward movement of fluids through vertical channels adjacent to the wellbore, pursuant to 40 CFR 146.8 (a) (2).

PART II. A. CONSTRUCTION REQUIREMENTS FOR ADDITIONAL WELLS

Tubing and Packer:

(Condition 3)

For injection purposes, the **Greater Boundary No. 5-34-8-17** shall be equipped with 2-7/8 tubing with a packer to be set at a depth no higher than 100 feet above the top perforation.

Formation Testing and Logging

(Condition 6)

- (a) Upon conversion of the **Greater Boundary No. 5-34-8-17**, the permittee is required to determine the injection zone **fluid pore pressure** (static bottom hole pressure) prior to commencement of enhanced recovery injection operation. The results of this test shall be submitted to the EPA.
- (b) A **Step-Rate Test (SRT)** shall be performed on the **Greater Boundary No. 5-34-8-17** within three (3) to six (6) months after injection operations are initiated and the results submitted to the EPA. The permittee may contact the EPA prior to conducting the SRT to acquire the most current Guidance for conducting the SRT.

Because the Cement Bond Log (CBL) submitted for the Greater Boundary No. 5-34-8-17 did not show any 80% bond index cement bond within the Confining Zone overlying the top of the Garden Gulch Member the operator shall be required to demonstrate Part II (External) Mechanical Integrity (MI) within a 180-day Limited Authorization to Inject period. The Part II MI may be demonstrated by a Temperature Log, Noise Log, Oxygen Activation Log, or Region 8 may accept the results from a Radioactive Tracer Survey (RATS) under certain circumstances. The Limited Authorization to Inject period is for the purpose of stabilizing the injection zone prior to a Part II MI demonstration.

PART II. B.Corrective Action

As of May 2005, there are two (2) active Green River oil wells within the one-quarter (1/4) mile radius around the Greater Boundary No. 5-34-8-17. No wells need Corrective Action.

Garden Gulch-Douglas Creek Members Oil Wells:

Greater Boundary No. 4-34-8-17	NW NW Sec. 34 - T8S -R17E
Top Garden Gulch Member:	3914 feet
Garden Gulch Confining Zone:	3834 feet to 3914 feet
Top 80% EPA Cement Bond:	4110 feet to 4180 feet
Top Douglas Creek Member:	4974 feet
Bottom Logged interval (CBL):	6172 feet
Top Basal Carbonate Member:	6144 feet (Not recognizable on CBL)
Top Wasatch Formation:	Est. 6269 feet
Total Depth (Driller):	6288 feet in Wasatch Formation (Est.)

The 80-foot confining shale overlying the top of the Garden Gulch Member is not protected by 80% bond index cement bond. This lack of confining zone annulus cement may not prevent upward movement of injected fluids through vertical channels adjacent to the well bore. The permittee will be required to inspect the surface of this location for fluid leaks on a weekly basis. **Any observation of surface leakage may be considered as noncompliance with the Greater Boundary No. 5-34-8-17 Permit.** The Greater Boundary No. 5-34-8-17 shall suspend operations immediately, and will stay suspended until the noncompliance has been resolved, and renewed injection has been approved in writing by the Director

Greater Boundary No. 6-34-8-17:	NW SE Sec. 34 -T8S-R17E
Top Garden Gulch Member:	3930 feet
Garden Gulch Confining Zone:	3879 feet to 3930 feet
Top 80% EPA Cement Bond:	3888 feet to 4095 feet
Top Douglas Creek Member:	4960 feet
Bottom Logged Interval (CBL):	6133 feet
Top Basal Carbonate Member:	Est. 6134
Total Depth (Driller):	6220 feet in Basal Carbonate Member

The 51-foot confining shale overlying the top of the Garden Gulch Member is protected by 80% bond index cement bond. This confining zone annulus cement may prevent upward movement of injected fluids through vertical channels adjacent to the well bore. The permittee will not be required to inspect the surface

of this location for fluid leaks on a weekly basis. **Any observation of surface leakage may be considered as noncompliance with the Greater Boundary No. 5-34-8-17 Permit.** The Greater Boundary No. 5-34-8-17 shall suspend operations immediately, and will stay suspended until the noncompliance has been resolved, and renewed injection has been approved in writing by the Director.

PART II. C.

Prior to Commencing Injection (Additional Wells)

(Condition 2)

Greater Boundary No. 5-34-8-17: This document is being issued without authority to inject. Prior to beginning injection, the operator is required to submit the following information for EPA review and written approval:

- A successful **mechanical integrity test (MIT)** demonstrating Part I Internal MI (Enclosed);
- a **pore pressure calculation** of the proposed injection zone; and an
- EPA Form No. 7520-12 (**Well Rework Record**, enclosed).

Injection Interval

(Condition 3)

Injection shall be limited to the gross Garden Gulch, Douglas Creek and Basal Carbonate Members of the Green River Formation from **3920 feet (KB)** to the top of the Wasatch Formation, estimated to be **6267 feet (KB)**.

Injection Pressure Limitation

(Condition 4)

Pursuant to Final Area Permit UT20702-00000, Part II. Section C. 4. (b). the maximum allowable injection pressure (MAIP) shall not exceed 1800 psig. Until such time that a Step-Rate Test (SRT) has been performed, reviewed and **1080 psig**.

A fracture gradient (FG) of **0.650 psi/ft** is the minimum value FG calculated from three (3) sand/frac treatments. A review of FG values within T8S - R17E indicate that a FG of 0.650 is lower than an average FG in this Township. A **FG of 0.650** will be used for the calculation of the **initial MAIP** for the Greater Boundary No. 5-34-8-17.

Until such time that a step-rate injectivity test (SRT) has been performed, reviewed, and approved by the EPA, the initial maximum allowable injection pressure (**MAIP**) for the **Greater Boundary No. 5-34-8-17** shall not exceed **1325 psig**.

$$\text{MAIP} = [\text{FG} - (0.433)(\text{SG})] \text{D}$$

$$\text{FG} = 0.650 \text{ psi/ft}$$

$$\text{SG} = 1.005$$

$$\text{D} = 5034 \text{ feet. Top perforation.}$$

$$\text{MAIP} = [0.650 - (0.433)(1.005)] 5034$$

$$\text{MAIP} = 1081 \text{ psig, but reduced to } \mathbf{1080 \text{ psig.}}$$

Part II. C. 4. (b) Final Area Permit (UT20702-00000), has a provision whereby the operator may request an increase, or decrease, in the maximum surface injection pressure.

PART II. F.

Demonstration of Financial Responsibility:

(Condition 1)

The current plugging and abandonment cost for the Greater Boundary No.5-34-8-17 is estimated to be \$33,025.00. The applicant has chosen to demonstrate financial responsibility via a **Financial Statement** that has been reviewed and approved by the EPA.

PART III. E.

Reporting of Noncompliance:

(Condition 10)

- (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:

(Condition 11)

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 VIII UIC Program Compliance and Enforcement Director**, or by contacting the **Region VIII Emergency Operations Center at 303-293-1788** if calling from outside EPA Region VIII. 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:

(Condition 12)

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:

(Condition 13)

The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted. The reports shall contain the information listed in Part III. 10. c. ii. of this Permit.

Other Information: 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.

APPENDIX C

PLUGGING AND ABANDONMENT: The Plugging and Abandonment (P&A) Plan (Application Attachment Q-2) submitted by the applicant has been reviewed and approved by the EPA. The P&A Plan is consistent with EPA requirements to protect all USDWs. The permittee will place 9.2 ppg plugging gel or bentonite mud between all cement plugs.

PLUG NO. 1: Set a cast iron bridge plug (CIBP) at 4939 feet. Place 100 feet of Class "G" cement on top of CIBP.

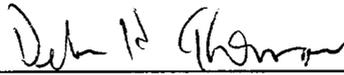
PLUG NO. 2: Set a cement plug inside of the 5-1/2 inch casing from 2000 feet to 2200 feet over a water zone.

Perforate 4 JSPF at 359 feet.

PLUG NO. 3: Class "G" cement will be present from the surface down the 5-1/2 inch casing to a depth of 357 feet, and in the annulus between the 5-1/2 inch X 8-5/8 inch casings from 357 feet to the surface.

This authorization for well conversion of the Greater Boundary No. 5-34-8-17 to an injection well becomes effective upon signature.

Date: JUN - 3 2005



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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

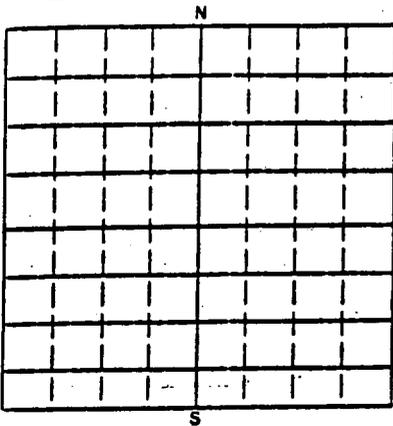


WELL REWORK RECORD

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. from (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



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
End of test pressure	psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	psig	psig	psig
5 minutes	psig	psig	psig
10 minutes	psig	psig	psig
15 minutes	psig	psig	psig
20 minutes	psig	psig	psig
25 minutes	psig	psig	psig
30 minutes	psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	<input 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

Greater Boundary #5-34-8-17

Spud Date: 8/21/03
 Put on Production: 3/16/04
 GL: 5139' KB: 5151'

Initial Production: 56 BOPD,
 140 MCFD, 16 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (298 63') *Base USDWs < 100'*
 DEPTH LANDED: 308.63'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt, est 2 bbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. J-55 (6227.39')
 DEPTH LANDED: 6225.39'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 370' *by CBL by operator*

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 181 jts (5952.15')
 PACKER: 5000' KB
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5002' KB
 TOTAL STRING LENGTH: EOT @ 5010'

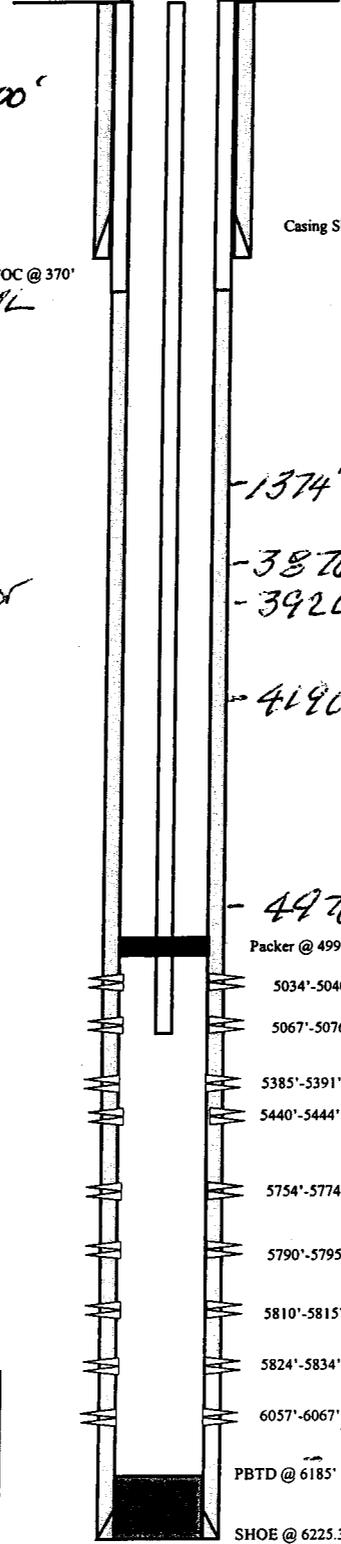
FRAC JOB

3/8/04 6057'-6067' **Frac CP5 sands as follows:**
 40,301# 20/40 sand in 398 bbls Lightning
 17 frac fluid. Treated @ avg press of
 2160 psi w/avg rate of 24.6 BPM. ISIP
 2500 psi. Calc. Flush 6055 gal. Actual
 flush 6048 gals.

3/8/04 5754'-5834' **Frac CP2 & 1 sands as follows:**
 160,887# 20/40 sand in 1087 bbls
 Lightning 17 frac fluid. Treated @ avg
 press of 1260 psi w/avg rate of 24.98
 BPM. ISIP 1575 psi. Calc. Flush 5752
 gals. Actual flush 5754 gals.

3/8/04 5385'-5391' **Frac A sands as follows:**
 29,247# 20/40 sand in 250 bbls
 Lightning 17 frac fluid. Screened out w/
 67 bbls left in flush

3/11/04 5034'-5076' **Frac C & D3 sands as follows:**
 66,100# 20/40 sand in 515 bbls Lightning
 17 frac fluid. Treated @ avg press of
 1950 psi w/avg rate of 25 BPM. ISIP
 2850 psi. Calc flush 5032 gals. Actual
 flush 4956 gals.



-1374' TOC by EPA calculation
-3876 - 3920' Confining Zone
-3920' Gardner Gulch Mem
-4190' - 4254' Top 80% cement
-4476' Douglas Creek Mem

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
3/4/04	6057'-6067'	4 JSPF	40 holes
3/8/04	5824'-5834'	4 JSPF	40 holes
3/8/04	5810'-5815'	4 JSPF	20 holes
3/8/04	5790'-5795'	4 JSPF	20 holes
3/8/04	5754'-5774'	4 JSPF	80 holes
3/8/04	5440'-5444'	4 JSPF	16 holes
3/8/04	5385'-5391'	4 JSPF	24 holes
3/10/04	5067'-5076'	4 JSPF	36 holes
3/10/04	5034'-5040'	4 JSPF	24 holes

NEWFIELD

Greater Boundary #5-34-8-17

1895' FNL & 743' FWL
 SW/NW Section 34, T8S-R17E
 Duchesne Co, Utah
 API #43-013-32255; Lease #UTU-76241

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU76241

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, 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 5-34-8-17

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
4301332255

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: **743 FWL 1895 FNL**

COUNTY: **Duchesne**

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: **SW/NW, 34, T8S, R17E**

STATE: **Utah**

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

TYPE OF ACTION SubDate

TYPE OF SUBMISSION	TYPE OF ACTION	TYPE OF ACTION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <hr/>	<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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/15/2005	<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 type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Injection Conversion
	<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.

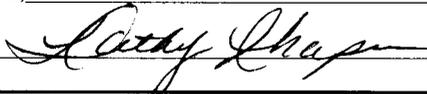
The subject well was converted from a producing to a injection well on 6-23-05. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly at 4969'. On 6-28-05 Dan Jackson with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 7-05-05. On 07-05-05 the csg was pressured up to 1310 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 460 psig during the test. There was not an EPA representative available to witness the test. EPA # UT20855-06683 API #43-013-32255.

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

NAME (PLEASE PRINT) **Kathy Chapman**

TITLE **Office Manager**

SIGNATURE



DATE **07/18/2005**

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: 07/05/05
 Test conducted by: Dele Giles
 Others present: _____

Well Name: <u>Greater Boundary 5-34-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Greater Boundary 4 unit</u>		
Location: _____	Sec: <u>34</u> T <u>8</u> N <u>(S)</u> R <u>17</u> E/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>460</u> psig	psig	psig
End of test pressure	<u>460</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1310</u> psig	psig	psig
5 minutes	<u>1310</u> psig	psig	psig
10 minutes	<u>1310</u> psig	psig	psig
15 minutes	<u>1310</u> psig	psig	psig
20 minutes	<u>1310</u> psig	psig	psig
25 minutes	<u>1310</u> psig	psig	psig
30 minutes	<u>1310</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: _____

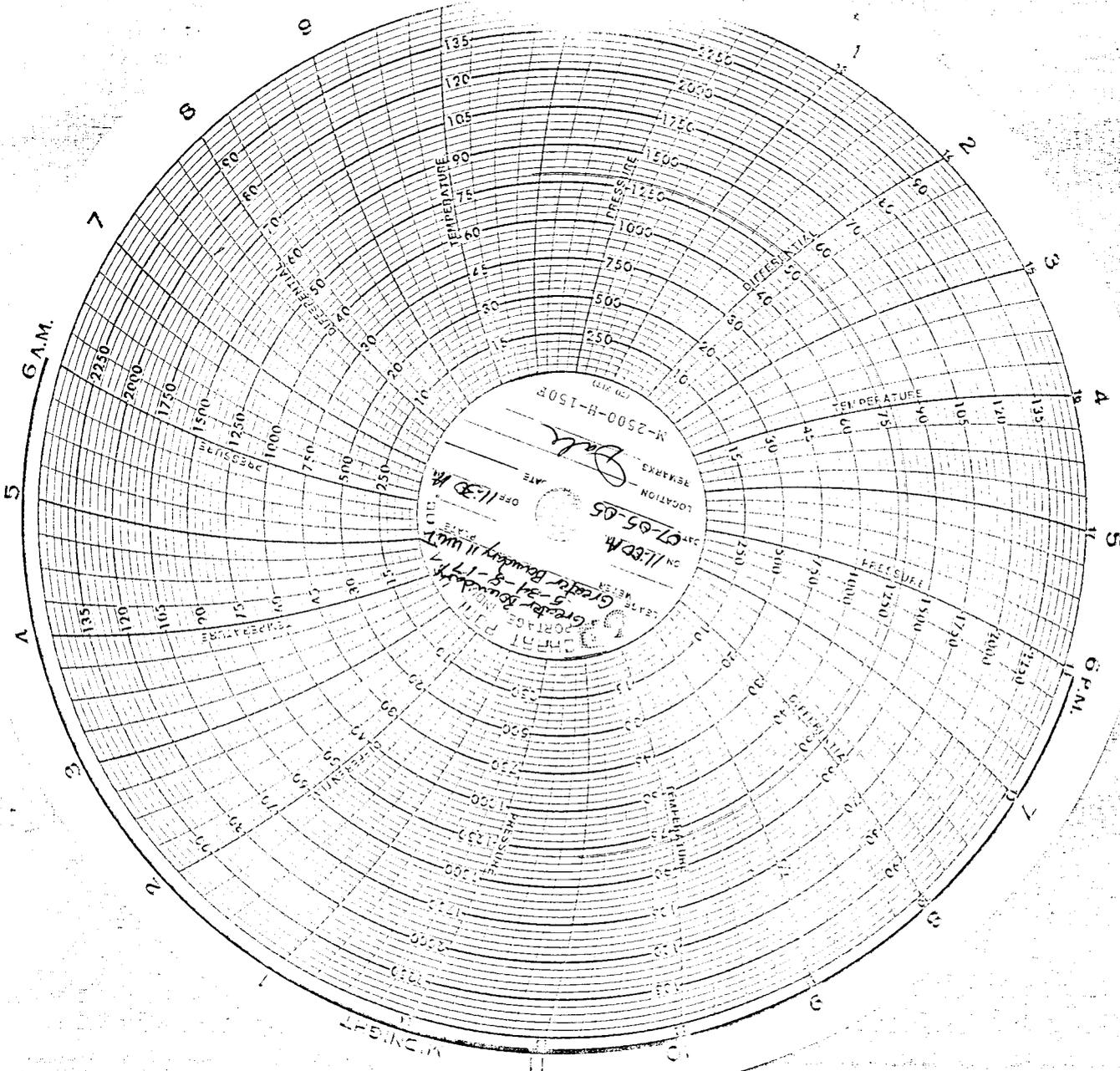


CHART P. 111
 STATION
 NAME
 LOCATION
 DATE
 TIME
 OBSERVER
 M-2500-H-1508
 Dalk
 07-05-05
 Greater Boundary II WVT
 Greater Boundary I WVT
 11:30 AM

TEMPERATURE
 PRESSURE
 DIFFERENTIAL
 WIND
 HUMIDITY
 VISIBILITY
 CLOUDS
 PRECIPITATION
 STATE OF SKY
 WIND DIRECTION
 WIND VELOCITY
 WIND VELOCITY SQUARED
 WIND VELOCITY CUBED
 WIND VELOCITY QUARTERED
 WIND VELOCITY FIFTH POWERED
 WIND VELOCITY SIXTH POWERED
 WIND VELOCITY SEVENTH POWERED
 WIND VELOCITY EIGHTH POWERED
 WIND VELOCITY NINTH POWERED
 WIND VELOCITY TENTH POWERED
 WIND VELOCITY ELEVENTH POWERED
 WIND VELOCITY TWELFTH POWERED
 WIND VELOCITY THIRTEENTH POWERED
 WIND VELOCITY FOURTEENTH POWERED
 WIND VELOCITY FIFTEENTH POWERED
 WIND VELOCITY SIXTEENTH POWERED
 WIND VELOCITY SEVENTEENTH POWERED
 WIND VELOCITY EIGHTEENTH POWERED
 WIND VELOCITY NINETEENTH POWERED
 WIND VELOCITY TWENTIETH POWERED

G.A.M.

G.P.M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
AUG 26 2005

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.

DIV. OF OIL, GAS & MINING

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Newfield Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 743 FWL 1895 FNL
 SW/NW Section 34 T8S R17E

5. Lease Serial No.
6241

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
GREATER BOUNDARY 5-34-8-17

9. API Well No.
4301332255

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, UT

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 10:30 a.m. on 8/25/05.

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 <i>Mandie Crozier</i>	Date 08/25/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on reverse)

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU76241

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, 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 Injection well

8. WELL NAME and NUMBER:
GREATER BOUNDARY 5-34-8-17

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
4301332255

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

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 743 FWL 1895 FNL

COUNTY: Duchesne

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

STATE: Utah

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

TYPE OF ACTION SubDate

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <hr/> <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/09/2005	<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 type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test
	<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.

A step rate test was conducted on the subject well on December 7, 2005. Results from the test indicate that the fracture gradient is .666 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1160 psi.

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

NAME (PLEASE PRINT) Cheyenne Batemen

TITLE Well Analyst Foreman

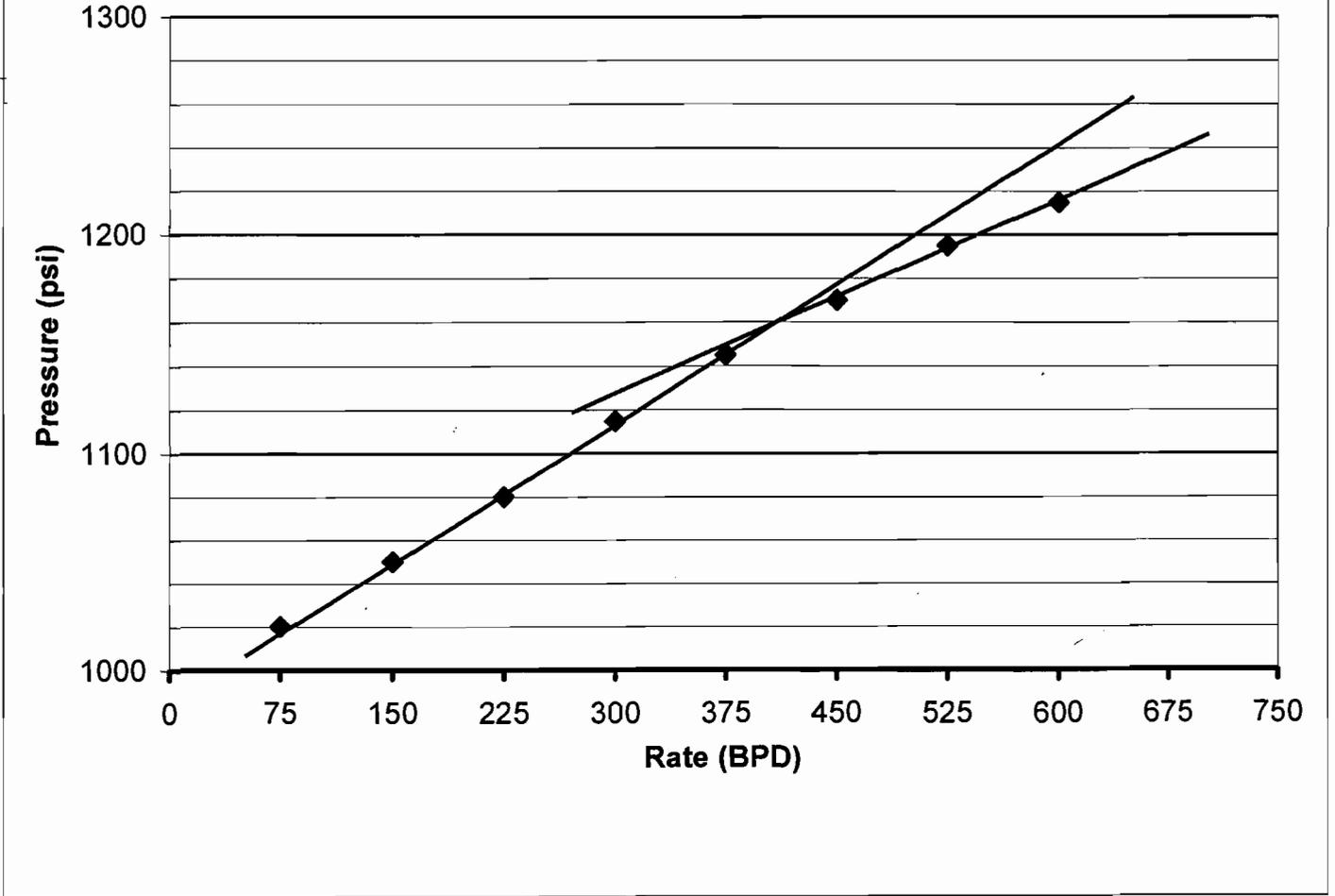
SIGNATURE *Cheyenne Batemen*

DATE 12/09/2005

(This space for State use only)

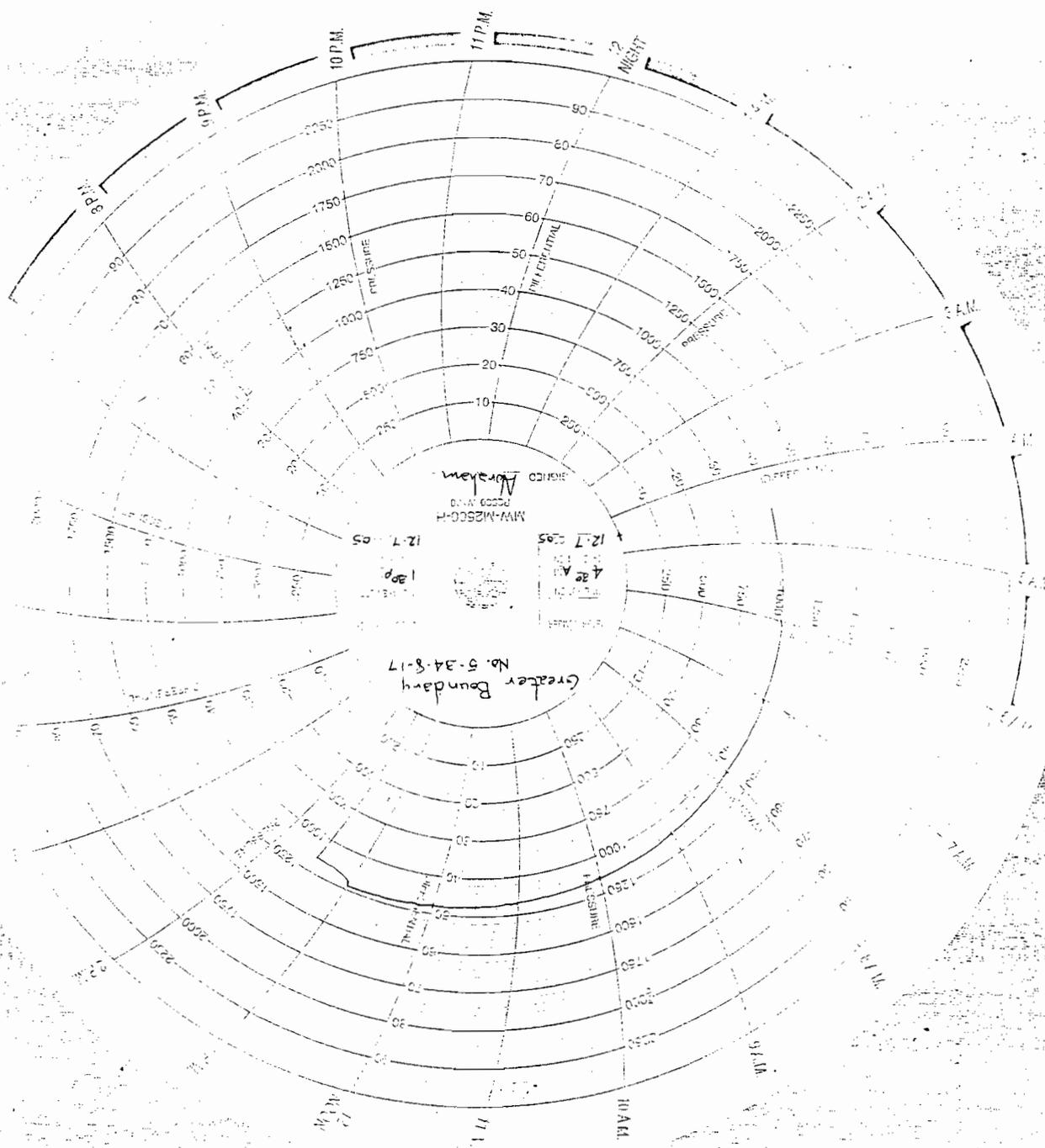
RECEIVED
DEC 09 2005
DIV. OF OIL, GAS & MINING

**Greater Boundary No. 5-34-8-17
 Greater Boundary II Unit
 Step Rate Test
 December 7, 2005**



Start Pressure: 1000 psi
Instantaneous Shut In Pressure (ISIP): 1215 psi
Top Perforation: 5034 feet
Fracture pressure (Pfp): 1160 psi
FG: 0.666 psi/ft

<u>Step</u>	<u>Rate(bpd)</u>	<u>Pressure(psi)</u>
1	75	1020
2	150	1050
3	225	1080
4	300	1115
5	375	1145
6	450	1170
7	525	1195
8	600	1215



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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-76241
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: GMBU
8. WELL NAME and NUMBER: GREATER BOUNDARY 5-34-8-17
9. API NUMBER: 4301332255
10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT

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 GAS WELL 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: 1895 FNL 743 FWL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 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 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: 06/11/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT
	<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.

On 06/01/2010 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 06/11/2010 the casing was pressured up to 1425 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1078 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20702-06683 API# 43-013-32255

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE  DATE 06/14/2010

(This space for State use only)

RECEIVED
JUN 21 2010
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: 6/11/2010
 Test conducted by: Lynn Manson
 Others present: _____

Well Name: <u>Greater Boundary 5-34-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte Field</u>		
Location: <u>SW/NW</u> Sec: <u>34</u> T <u>8</u> N <u>10</u> R <u>17E</u> W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>NewField</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

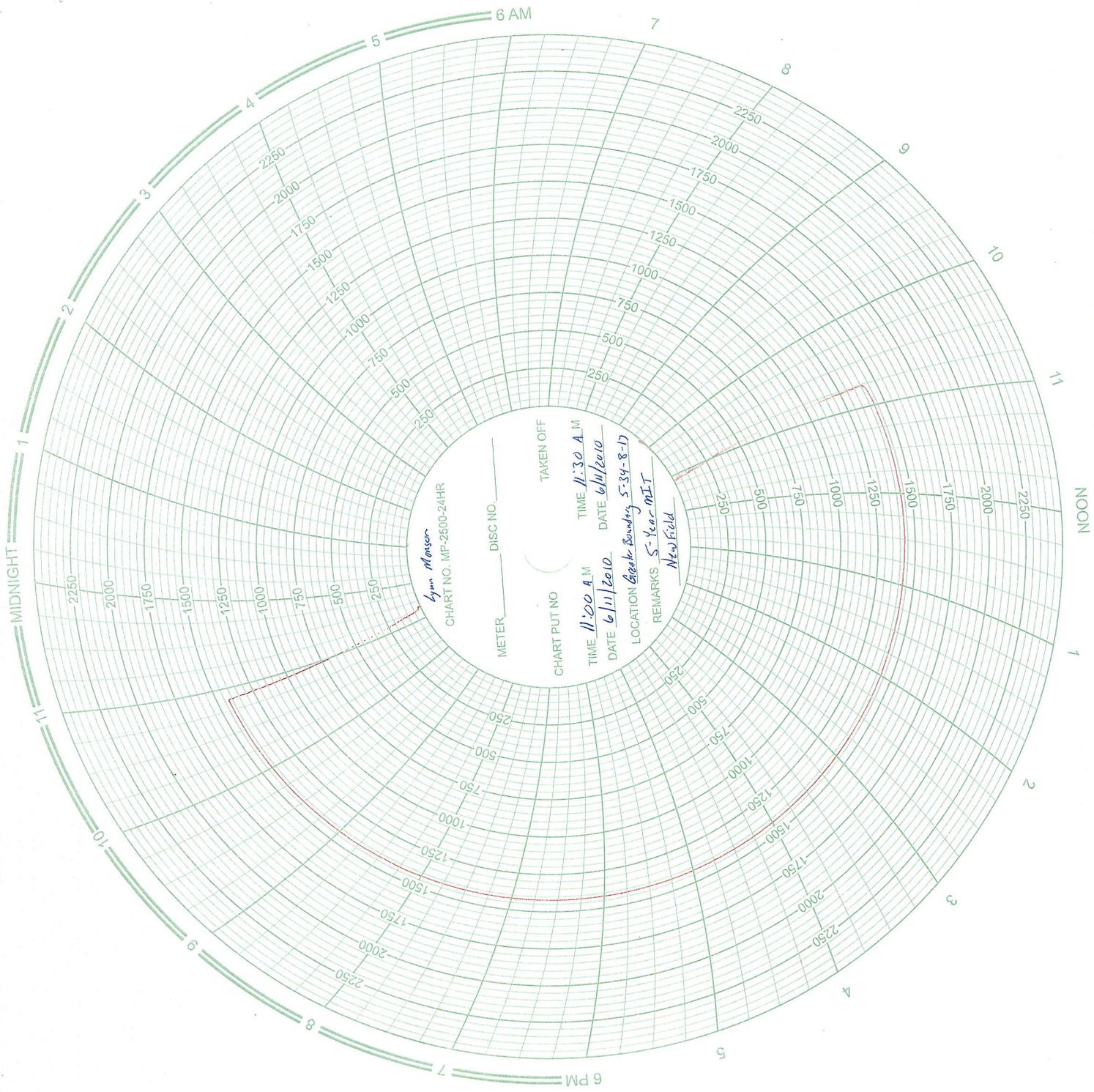
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1078</u> psig	psig	psig
End of test pressure	<u>1078</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1425</u> psig	psig	psig
5 minutes	<u>1425</u> psig	psig	psig
10 minutes	<u>1425</u> psig	psig	psig
15 minutes	<u>1425</u> psig	psig	psig
20 minutes	<u>1425</u> psig	psig	psig
25 minutes	<u>1425</u> psig	psig	psig
30 minutes	<u>1425</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: _____



Byron Manson
CHART NO. MP-2500-24HR

METER _____ DISC NO. _____

CHART PUT NO. _____ TAKEN OFF _____

TIME 11:00 A.M.

TIME 11:30 A.M.

DATE 6/11/2010

DATE 6/11/2010

LOCATION Geologic Boundary S-34-8-11

REMARKS 5-Year MIT
Newfield

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:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
GREATER BOUNDARY 5-34-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301332255

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:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1895 FNL 743 FWL

COUNTY: DUCHESNE

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

STATE: UT

II. 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: 08/13/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test
	<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.

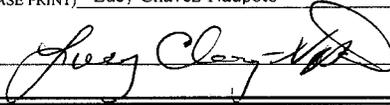
A step rate test was conducted on the subject well on August 13, 2010. Results from the test indicate that the fracture gradient is .723 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1160 psi to 1425 psi.

EPA: UT20702-06683 API: 43-013-32255

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 08/31/2010

(This space for State use only)

RECEIVED

SEP 07 2010

DIV. OF OIL, GAS & MINING

Step Rate Test (SRT) Analysis

Date: 08/18/2010

Operator: Newfield Production Company

Well: Greater Boundary 5-34-8-17

Permit #: UT20702-06683

Enter the following data :

Specific Gravity (sg) of injectate = 1.015 g/cc
 Depth to top perforation (D) = 5034 feet 5034
 Top of permitted injection zone depth (blank=use top perforation to calculate fg) = _____ feet
 Estimated Formation Parting Pressure (Pfp) from SRT chart = 1430 psi
 Instantaneous Shut In Pressure (ISIP) from SRT = 1486 psi 1430
 Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder = _____ psi no downhole

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = 0.723 psi/ft.

where: $fg = Pbhp / D$ (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1486

D = depth used = 5034

Pbhp used = 3642

Calculated Bottom Hole Parting Pressure (Pbhp) = 3642 psi 3642.418

to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + (0.433 * SG * D)

(Uses lesser of ISIP or Pfp) Value used = 1430

Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

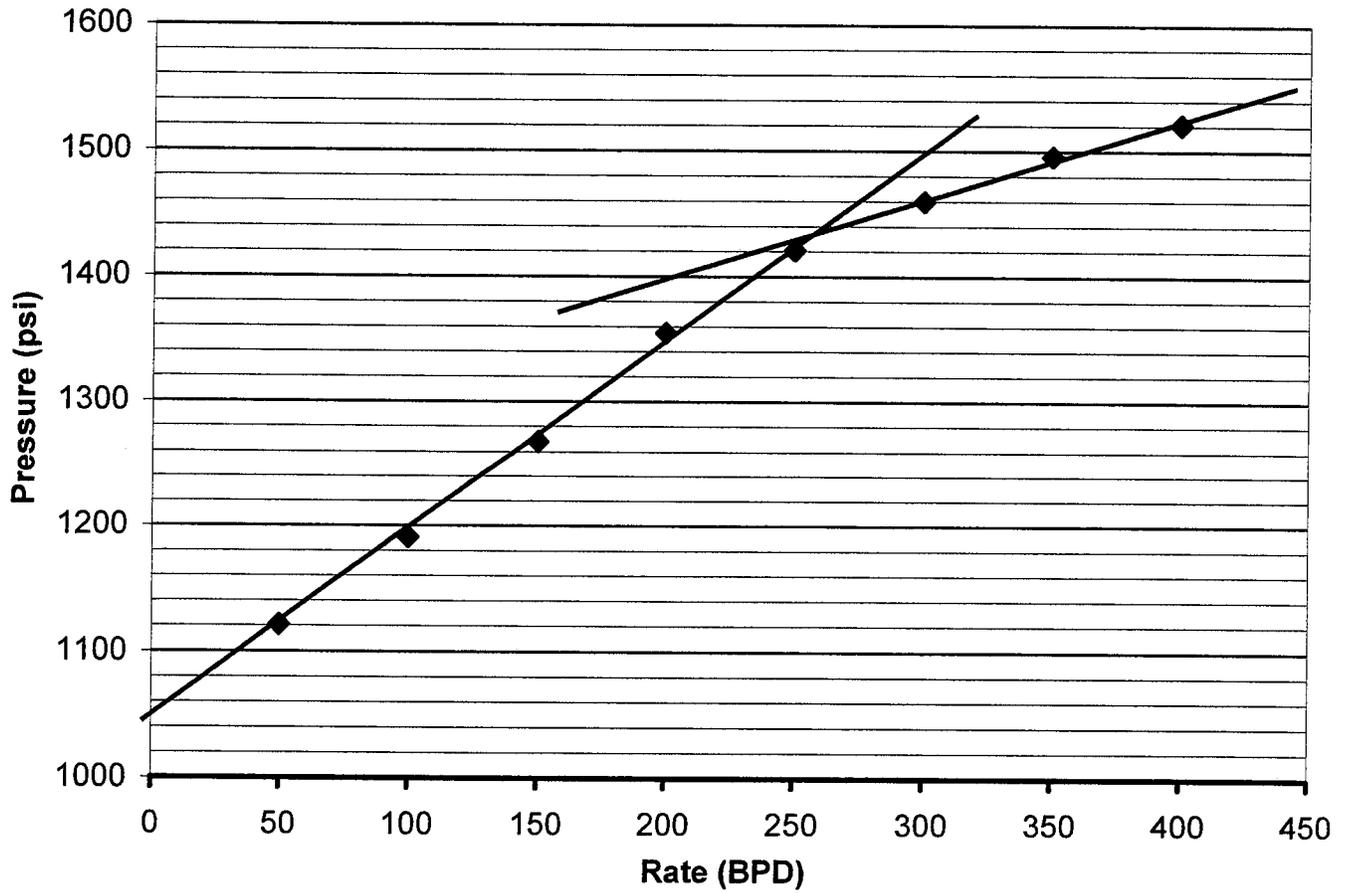
Maximum Allowable Injection Pressure (MAIP) = 1425 psig

D = depth used = 5034

MAIP = $fg \cdot (0.433 \cdot SG) \cdot D = 1427.164$

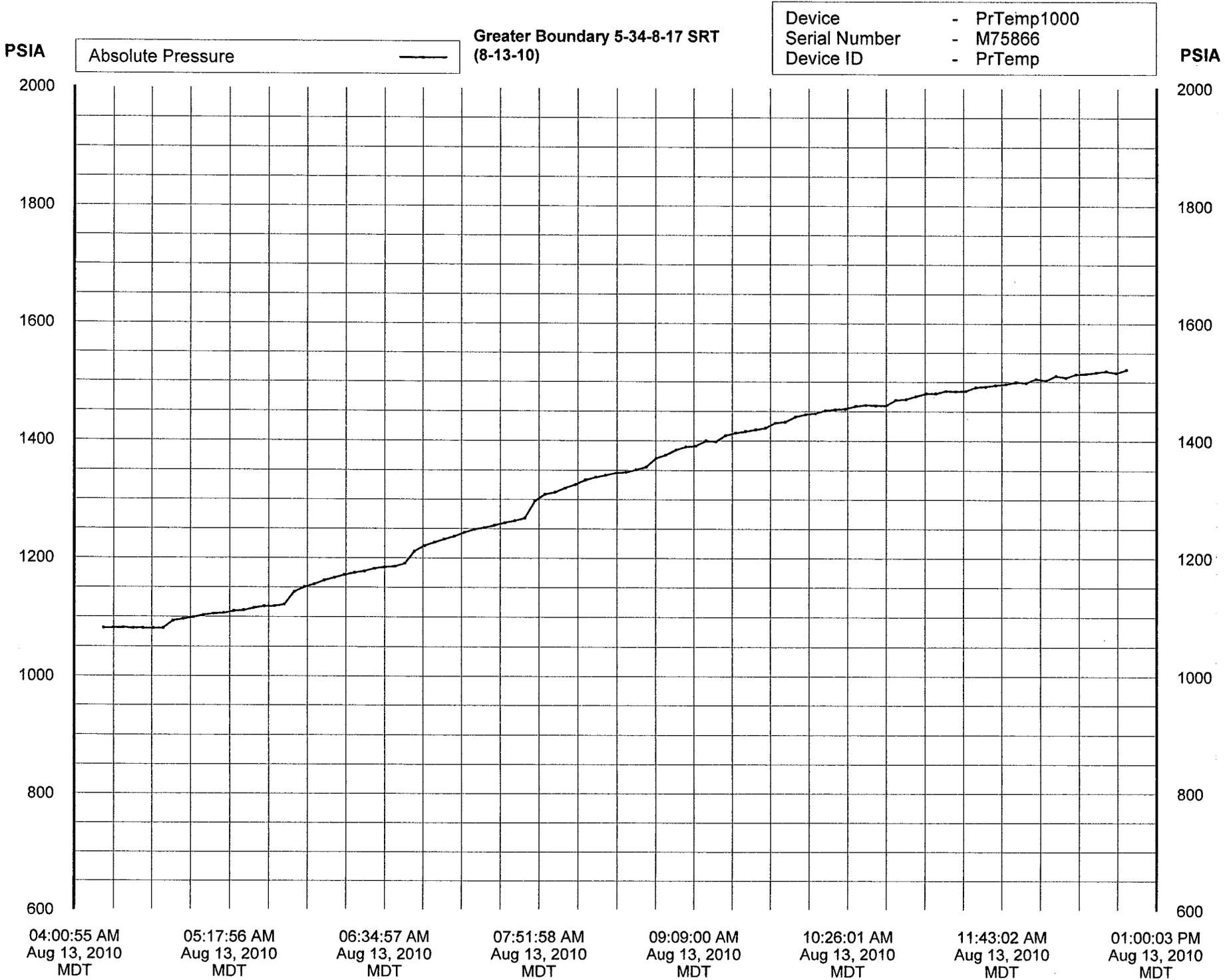
(rounded down to nearest 5 psig)

**Greater Boundary 5-34-8-17
Greater Monument Butte Unit
Step Rate Test
August 13, 2010**



Start Pressure: 1081 psi
Instantaneous Shut In Pressure (ISIP): 1486 psi
Top Perforation: 5034 feet
Fracture pressure (P_{fp}): 1430 psi
FG: 0.724 psi/ft

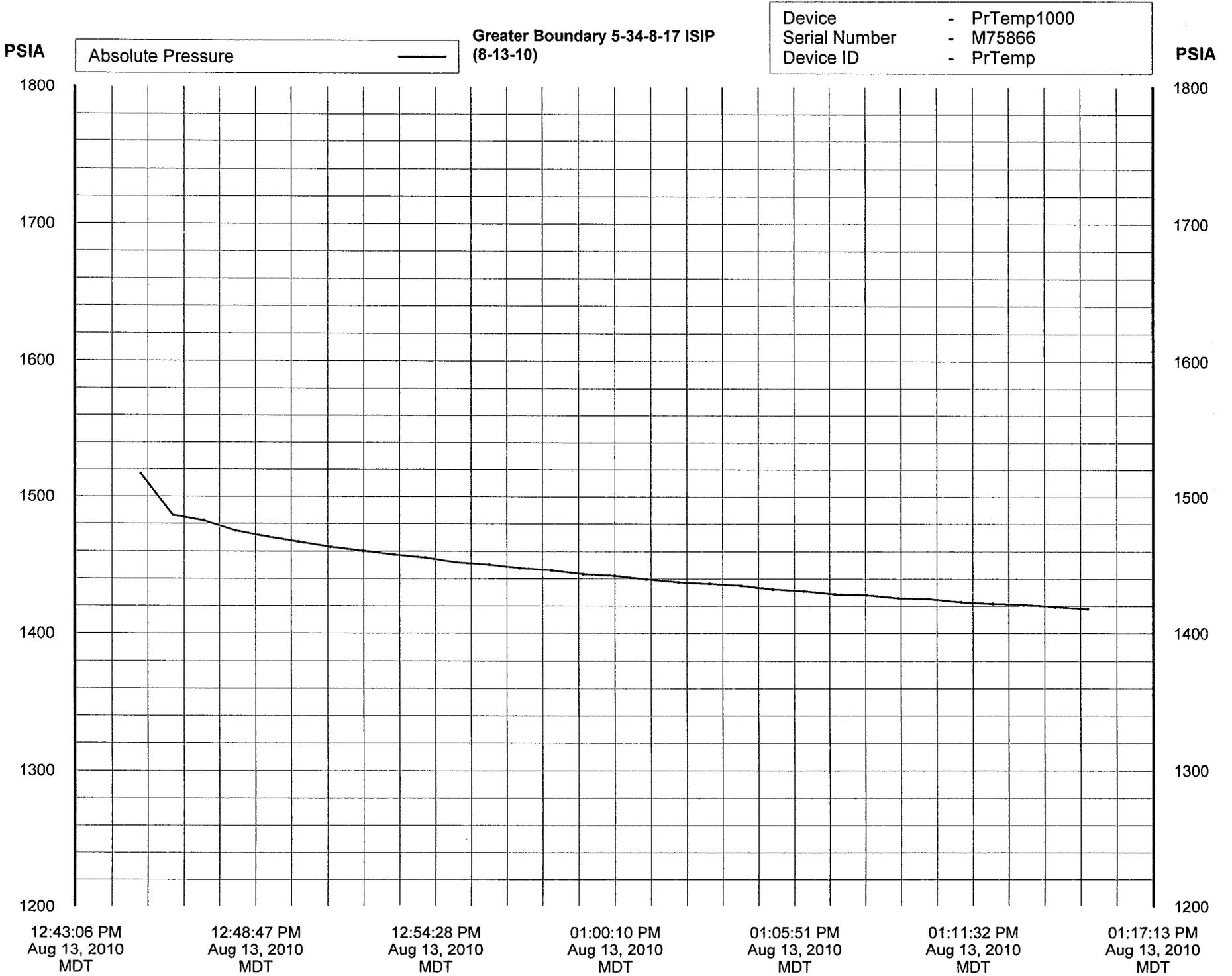
Step	Rate(bpd)	Pressure(psi)
1	50	1121
2	100	1191
3	150	1268
4	200	1355
5	250	1421
6	300	1460
7	350	1496
8	400	1521



Report Name: PrTemp1000 Data Table
 Report Date: Aug 13, 2010 03:51:42 PM MDT
 File Name: C:\Program Files\PTC® Instruments 2.00\Greater Boundary 5-34-8-17 SRT (8-13-10).csv
 Title: Greater Boundary 5-34-8-17 SRT (8-13-10)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Aug 13, 2010 04:14:59 AM MDT
 Data End Date: Aug 13, 2010 12:45:00 PM MDT
 Reading Rate: 2 Seconds
 Readings: 1 to 103 of 103
 Last Calibration Date: May 22, 2009
 Next Calibration Date: May 22, 2010

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Aug 13, 2010 04:14:59 AM	1081.000	PSIA
2	Aug 13, 2010 04:20:00 AM	1081.400	PSIA
3	Aug 13, 2010 04:25:00 AM	1081.600	PSIA
4	Aug 13, 2010 04:30:00 AM	1080.800	PSIA
5	Aug 13, 2010 04:35:00 AM	1080.800	PSIA
6	Aug 13, 2010 04:40:00 AM	1080.600	PSIA
7	Aug 13, 2010 04:45:00 AM	1080.800	PSIA
8	Aug 13, 2010 04:50:00 AM	1093.200	PSIA
9	Aug 13, 2010 04:55:00 AM	1096.000	PSIA
10	Aug 13, 2010 05:00:00 AM	1099.000	PSIA
11	Aug 13, 2010 05:05:00 AM	1102.600	PSIA
12	Aug 13, 2010 05:10:00 AM	1105.200	PSIA
13	Aug 13, 2010 05:15:00 AM	1106.000	PSIA
14	Aug 13, 2010 05:19:59 AM	1109.600	PSIA
15	Aug 13, 2010 05:25:00 AM	1111.000	PSIA
16	Aug 13, 2010 05:30:02 AM	1115.000	PSIA
17	Aug 13, 2010 05:35:00 AM	1117.400	PSIA
18	Aug 13, 2010 05:39:59 AM	1117.600	PSIA
19	Aug 13, 2010 05:44:59 AM	1120.600	PSIA
20	Aug 13, 2010 05:49:59 AM	1142.000	PSIA
21	Aug 13, 2010 05:55:00 AM	1150.200	PSIA
22	Aug 13, 2010 06:00:00 AM	1155.200	PSIA
23	Aug 13, 2010 06:05:00 AM	1161.800	PSIA
24	Aug 13, 2010 06:10:00 AM	1166.200	PSIA
25	Aug 13, 2010 06:14:59 AM	1171.000	PSIA
26	Aug 13, 2010 06:19:59 AM	1174.600	PSIA
27	Aug 13, 2010 06:25:00 AM	1177.200	PSIA
28	Aug 13, 2010 06:29:59 AM	1181.800	PSIA
29	Aug 13, 2010 06:35:00 AM	1184.400	PSIA
30	Aug 13, 2010 06:40:00 AM	1185.600	PSIA
31	Aug 13, 2010 06:45:00 AM	1190.600	PSIA
32	Aug 13, 2010 06:50:00 AM	1211.200	PSIA
33	Aug 13, 2010 06:55:03 AM	1220.800	PSIA
34	Aug 13, 2010 06:59:59 AM	1226.600	PSIA
35	Aug 13, 2010 07:05:00 AM	1232.200	PSIA
36	Aug 13, 2010 07:09:59 AM	1237.000	PSIA
37	Aug 13, 2010 07:15:00 AM	1243.400	PSIA
38	Aug 13, 2010 07:20:00 AM	1248.800	PSIA
39	Aug 13, 2010 07:25:00 AM	1251.600	PSIA
40	Aug 13, 2010 07:30:00 AM	1255.600	PSIA
41	Aug 13, 2010 07:34:59 AM	1259.800	PSIA
42	Aug 13, 2010 07:40:00 AM	1263.600	PSIA
43	Aug 13, 2010 07:45:00 AM	1267.800	PSIA
44	Aug 13, 2010 07:49:59 AM	1297.400	PSIA
45	Aug 13, 2010 07:55:00 AM	1308.600	PSIA
46	Aug 13, 2010 07:59:59 AM	1312.000	PSIA
47	Aug 13, 2010 08:05:00 AM	1319.400	PSIA
48	Aug 13, 2010 08:10:00 AM	1325.400	PSIA
49	Aug 13, 2010 08:14:59 AM	1333.200	PSIA
50	Aug 13, 2010 08:20:00 AM	1337.800	PSIA
51	Aug 13, 2010 08:24:59 AM	1341.400	PSIA
52	Aug 13, 2010 08:29:59 AM	1345.200	PSIA
53	Aug 13, 2010 08:34:59 AM	1346.400	PSIA
54	Aug 13, 2010 08:39:59 AM	1350.800	PSIA
55	Aug 13, 2010 08:44:59 AM	1355.400	PSIA
56	Aug 13, 2010 08:49:59 AM	1370.600	PSIA
57	Aug 13, 2010 08:54:59 AM	1375.800	PSIA
58	Aug 13, 2010 08:59:59 AM	1384.600	PSIA
59	Aug 13, 2010 09:04:59 AM	1389.600	PSIA

60	Aug 13, 2010 09:09:59 AM	1391.200	PSIA
61	Aug 13, 2010 09:14:59 AM	1399.600	PSIA
62	Aug 13, 2010 09:19:59 AM	1398.400	PSIA
63	Aug 13, 2010 09:24:59 AM	1408.600	PSIA
64	Aug 13, 2010 09:29:59 AM	1413.200	PSIA
65	Aug 13, 2010 09:35:00 AM	1415.600	PSIA
66	Aug 13, 2010 09:39:59 AM	1418.600	PSIA
67	Aug 13, 2010 09:44:59 AM	1421.400	PSIA
68	Aug 13, 2010 09:49:59 AM	1430.200	PSIA
69	Aug 13, 2010 09:54:59 AM	1431.800	PSIA
70	Aug 13, 2010 09:59:59 AM	1440.400	PSIA
71	Aug 13, 2010 10:04:59 AM	1444.400	PSIA
72	Aug 13, 2010 10:09:59 AM	1446.200	PSIA
73	Aug 13, 2010 10:15:00 AM	1451.200	PSIA
74	Aug 13, 2010 10:19:59 AM	1453.000	PSIA
75	Aug 13, 2010 10:24:59 AM	1454.000	PSIA
76	Aug 13, 2010 10:29:59 AM	1459.000	PSIA
77	Aug 13, 2010 10:34:59 AM	1460.600	PSIA
78	Aug 13, 2010 10:39:59 AM	1459.800	PSIA
79	Aug 13, 2010 10:45:00 AM	1459.600	PSIA
80	Aug 13, 2010 10:50:00 AM	1469.200	PSIA
81	Aug 13, 2010 10:55:00 AM	1470.600	PSIA
82	Aug 13, 2010 10:59:59 AM	1475.600	PSIA
83	Aug 13, 2010 11:04:59 AM	1480.400	PSIA
84	Aug 13, 2010 11:09:59 AM	1480.400	PSIA
85	Aug 13, 2010 11:14:59 AM	1484.600	PSIA
86	Aug 13, 2010 11:19:59 AM	1483.800	PSIA
87	Aug 13, 2010 11:24:59 AM	1484.600	PSIA
88	Aug 13, 2010 11:29:59 AM	1491.000	PSIA
89	Aug 13, 2010 11:34:59 AM	1492.000	PSIA
90	Aug 13, 2010 11:39:59 AM	1494.400	PSIA
91	Aug 13, 2010 11:44:59 AM	1496.000	PSIA
92	Aug 13, 2010 11:49:59 AM	1499.800	PSIA
93	Aug 13, 2010 11:54:59 AM	1498.400	PSIA
94	Aug 13, 2010 11:59:59 AM	1505.200	PSIA
95	Aug 13, 2010 12:04:59 PM	1502.600	PSIA
96	Aug 13, 2010 12:10:00 PM	1510.400	PSIA
97	Aug 13, 2010 12:14:59 PM	1507.400	PSIA
98	Aug 13, 2010 12:19:59 PM	1513.400	PSIA
99	Aug 13, 2010 12:24:59 PM	1514.400	PSIA
100	Aug 13, 2010 12:29:59 PM	1516.600	PSIA
101	Aug 13, 2010 12:34:59 PM	1518.600	PSIA
102	Aug 13, 2010 12:39:59 PM	1515.600	PSIA
103	Aug 13, 2010 12:45:00 PM	1521.000	PSIA



Report Name: PrTemp1000 Data Table
 Report Date: Aug 13, 2010 03:51:35 PM MDT
 File Name: C:\Program Files\PTC® Instruments 2.00\Greater Boundary 5-34-8-17 ISIP (8-13-10).csv
 Title: Greater Boundary 5-34-8-17 ISIP (8-13-10)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Aug 13, 2010 12:45:09 PM MDT
 Data End Date: Aug 13, 2010 01:15:10 PM MDT
 Reading Rate: 2 Seconds
 Readings: 1 to 31 of 31
 Last Calibration Date: May 22, 2009
 Next Calibration Date: May 22, 2010

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Aug 13, 2010 12:45:09 PM	1516.600	PSIA
2	Aug 13, 2010 12:46:10 PM	1486.200	PSIA
3	Aug 13, 2010 12:47:09 PM	1482.200	PSIA
4	Aug 13, 2010 12:48:09 PM	1475.000	PSIA
5	Aug 13, 2010 12:49:10 PM	1470.600	PSIA
6	Aug 13, 2010 12:50:09 PM	1466.800	PSIA
7	Aug 13, 2010 12:51:09 PM	1463.200	PSIA
8	Aug 13, 2010 12:52:10 PM	1460.400	PSIA
9	Aug 13, 2010 12:53:10 PM	1457.600	PSIA
10	Aug 13, 2010 12:54:09 PM	1455.400	PSIA
11	Aug 13, 2010 12:55:09 PM	1452.000	PSIA
12	Aug 13, 2010 12:56:10 PM	1450.400	PSIA
13	Aug 13, 2010 12:57:09 PM	1447.800	PSIA
14	Aug 13, 2010 12:58:10 PM	1446.200	PSIA
15	Aug 13, 2010 12:59:10 PM	1443.400	PSIA
16	Aug 13, 2010 01:00:09 PM	1442.200	PSIA
17	Aug 13, 2010 01:01:09 PM	1439.600	PSIA
18	Aug 13, 2010 01:02:10 PM	1437.400	PSIA
19	Aug 13, 2010 01:03:09 PM	1436.400	PSIA
20	Aug 13, 2010 01:04:09 PM	1435.000	PSIA
21	Aug 13, 2010 01:05:10 PM	1432.400	PSIA
22	Aug 13, 2010 01:06:09 PM	1431.000	PSIA
23	Aug 13, 2010 01:07:09 PM	1428.800	PSIA
24	Aug 13, 2010 01:08:10 PM	1428.200	PSIA
25	Aug 13, 2010 01:09:10 PM	1426.000	PSIA
26	Aug 13, 2010 01:10:09 PM	1425.400	PSIA
27	Aug 13, 2010 01:11:10 PM	1423.000	PSIA
28	Aug 13, 2010 01:12:10 PM	1421.800	PSIA
29	Aug 13, 2010 01:13:09 PM	1421.000	PSIA
30	Aug 13, 2010 01:14:09 PM	1419.400	PSIA
31	Aug 13, 2010 01:15:10 PM	1418.000	PSIA

Greater Boundary 5-34-8-17 Rate Sheet (8-13-10)

<i>Step # 1</i>	Time:	4:50	4:55	5:00	5:05	5:10	5:15
	Rate:	50.4	50.4	50.4	50.4	50.4	50.4
	Time:	5:20	5:25	5:30	5:35	5:40	5:45
	Rate:	50.3	50.3	50.2	50.2	50.2	50.2
<i>Step # 2</i>	Time:	5:50	5:55	6:00	6:05	6:10	6:15
	Rate:	100.6	100.6	100.6	100.6	100.5	100.5
	Time:	6:20	6:25	6:30	6:35	6:40	6:45
	Rate:	100.5	100.5	100.4	100.4	100.4	100.4
<i>Step # 3</i>	Time:	6:50	6:55	7:00	7:05	7:10	7:15
	Rate:	150.6	150.6	150.5	150.5	150.5	150.4
	Time:	7:20	7:25	7:30	7:35	7:40	7:45
	Rate:	150.4	150.4	150.4	150.3	150.3	150.3
<i>Step # 4</i>	Time:	7:50	7:55	8:00	8:05	8:10	8:15
	Rate:	200.5	200.5	200.5	200.4	200.4	200.4
	Time:	8:20	8:25	8:30	8:35	8:40	8:45
	Rate:	200.4	200.4	200.4	200.4	200.4	200.3
<i>Step # 5</i>	Time:	8:50	8:55	9:00	9:05	9:10	9:15
	Rate:	250.5	250.5	250.4	250.4	250.3	250.3
	Time:	9:20	9:25	9:30	9:35	9:40	9:45
	Rate:	250.3	250.3	250.3	250.3	250.3	250.2
<i>Step # 6</i>	Time:	9:50	9:55	10:00	10:05	10:10	10:15
	Rate:	300.6	300.6	300.6	300.5	300.5	300.5
	Time:	10:20	10:25	10:30	10:35	10:40	10:45
	Rate:	300.5	300.4	300.4	300.3	300.3	300.3
<i>Step # 7</i>	Time:	10:50	10:55	11:00	11:05	11:10	11:15
	Rate:	350.4	350.3	350.3	350.3	350.2	350.2
	Time:	11:20	11:25	11:30	11:35	11:40	11:45
	Rate:	350.2	350.2	350.1	350.1	350	350
<i>Step # 8</i>	Time:	11:50	11:55	12:00	12:05	12:10	12:15
	Rate:	400.3	400.3	400.3	400.3	400.2	400.2
	Time:	12:20	12:25	12:30	12:35	12:40	12:45
	Rate:	400.2	400.1	400.1	400.1	400	400

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76241
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: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: GBU 5-34-8-17	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013322550000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1895 FNL 0743 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/8/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <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 style="width: 100px;" type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
5 YR MIT performed on the above listed well. On 05/08/2015 the casing was pressured up to 1619 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1398 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-06683		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 14, 2015
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/11/2015	

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: 5/8/15
 Test conducted by: Chris Walters
 Others present: _____

Well Name: <u>Greater Boundary 5-34-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GMBU</u>		
Location: <u>SW/NW</u> Sec: <u>34</u> T: <u>8</u> N(S) R: <u>17E/W</u>	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>NFX</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1472</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: 1612 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1398</u> psig	psig	psig
End of test pressure	<u>1398</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1612</u> psig	psig	psig
5 minutes	<u>1614</u> psig	psig	psig
10 minutes	<u>1615</u> psig	psig	psig
15 minutes	<u>1616</u> psig	psig	psig
20 minutes	<u>1617</u> psig	psig	psig
25 minutes	<u>1618</u> psig	psig	psig
30 minutes	<u>1619</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

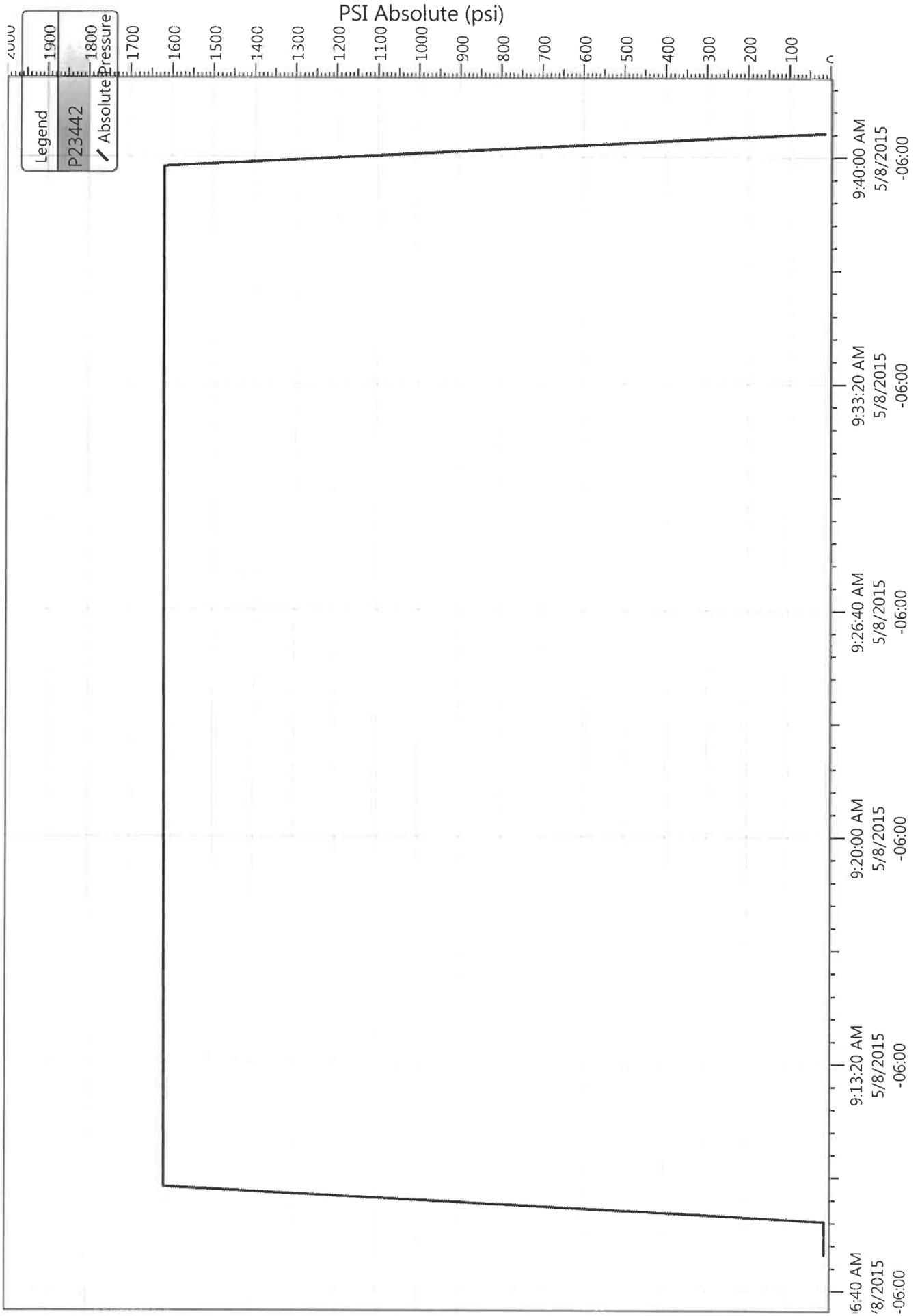
MECHANICAL INTEGRITY PRESSURE TEST

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: Chris Walters

5-34-8-17 5-yr MIT (5-8-15)

5/8/2015 9:07:27 AM



Greater Boundary 5-34-8-17

Spud Date: 3/21/03
 Put on Production: 3/16/04
 GL: 5139' KB: 5151'

Initial Production: 56 BOPD,
 140 MCFD, 16 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (298.63')
 DEPTH LANDED: 308.63'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "C" cmt, est 2 bbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. J-55 (6227.39')
 DEPTH LANDED: 6225.39'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sk Prem. Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP A.T.: 370'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 151 jts. (4952.67')
 PACKER: 4952.8' KB
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4952.7' KB
 TOTAL STRING LENGTH: EOF @ 4961'

FRAC JOB

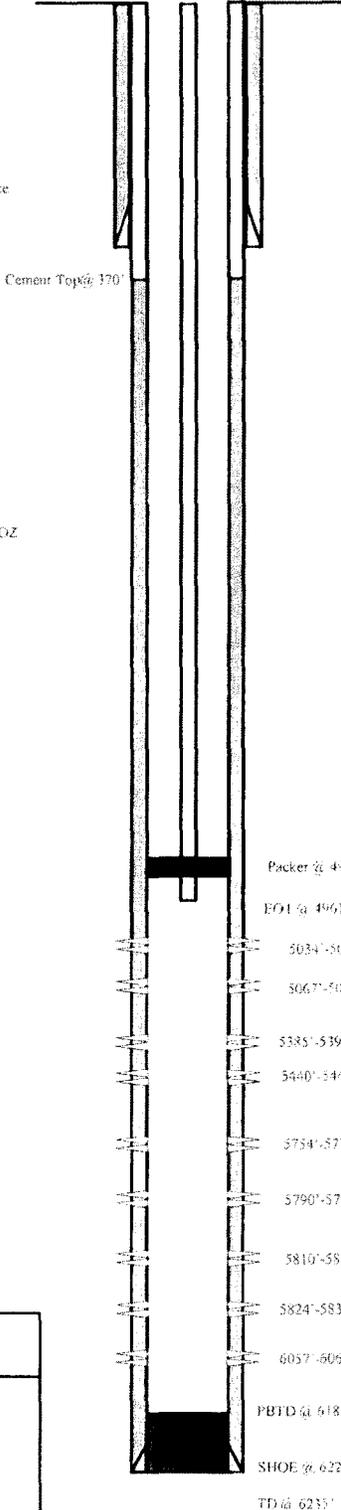
3/8/04 6057'-6067' **Frac CP5 sands as follows:**
 40,301# 20/40 sand in 398 bbls Lightning
 17 frac fluid. Treated @ avg press of
 2160 psi w/avg rate of 24.6 BPM. ISIP
 2560 psi. Calc. Flush 6055 gal. Actual
 flush 6045 gals.

3/8/04 5754'-5834' **Frac CP2 & 1 sands as follows:**
 160,387# 20/40 sand in 1087 bbls
 Lightning 17 frac fluid. Treated @ avg
 press of 1260 psi w/avg rate of 24.98
 BPM. ISIP 1375 psi. Calc. Flush 5752
 gals. Actual flush 5754 gals.

3/8/04 5385'-5391' **Frac A sands as follows:**
 29,247# 20/40 sand in 250 bbls
 Lightning 17 frac fluid. Screened out w/
 67 bbls left in flush.

3/11/04 5034'-5076' **Frac C & D3 sands as follows:**
 66,100# 20/40 sand in 515 bbls Lightning
 17 frac fluid. Treated @ avg press of
 1950 psi w/avg rate of 25 BPM. ISIP
 2850 psi. Calc flush 5032 gals. Actual
 flush 4956 gals.

6-23-05 **Converted to Injection**
 06-11-10 **5 Yr MIT**



PERFORATION RECORD

Date	Depth Range	Sand Type	Holes
3/4/04	6057'-6067'	4 JS PF CP5 sds	40 holes
3/8/04	5824'-5834'	4 JS PF CP2 sds	40 holes
3/8/04	5810'-5815'	4 JS PF CP2 sds	20 holes
3/8/04	5750'-5795'	4 JS PF CP1 sds	20 holes
3/8/04	5754'-5774'	4 JS PF CP1 sds	80 holes
3/8/04	5440'-5444'	4 JS PF A3 sds	16 holes
3/8/04	5385'-5391'	4 JS PF A1 sds	24 holes
3/10/04	5067'-5076'	4 JS PF C3 sds	36 holes
3/10/04	5034'-5040'	4 JS PF C3 sds	24 holes

NEWFIELD

Greater Boundary 5-34-8-17

1895' FNL & 743' FWL
 SW/NW Section 34.T8S-R17E
 Duchesne Co, Utah
 API #43-013-32255; Lease #UTU-76241