

001

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-76239</b>
6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>
7. UNIT AGREEMENT NAME <b>Canvasback</b>
8. FARM OR LEASE NAME WELL NO. <b>Federal 13-23-8-17</b>
9. API WELL NO. <b>43-013-32340</b>
10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b>
11. SEC., T., R., M., OR BLK AND SURVEY OR AREA <b>SW/SW Sec. 23, T8S, R17E</b>
12. County <b>Duchesne</b>
13. STATE <b>UT</b>

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL  DEEPEN

1b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At Surface **SW/SW 306' FSL 642' FWL 4438813 Y 40.09-702**  
At proposed Prod. Zone **586910 X -109.98036**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 16.1 miles southeast of Myton, Utah**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to <b>Approx. 306' f/line &amp; 306' f/unit line</b>	16. NO. OF ACRES IN LEASE <b>473.84</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>
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18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approx. 1447'</b>	19. PROPOSED DEPTH <b>6500'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>
--	------------------------------------	--

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5147' GR**

22. APPROX. DATE WORK WILL START\*  
**1st Quarter 2003**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>				

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

The Conditions of Approval are also attached.

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 *M. L. Cozins* TITLE Permit Clerk DATE 1/7/03

(This space for Federal or State office use)

PERMIT NO. 43-013-32340 APPROVED DATE

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Bradley G. Hill* TITLE BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III DATE 02-05-03

**Federal Approval of this Action is Necessary**

\*See Instructions On Reverse Side

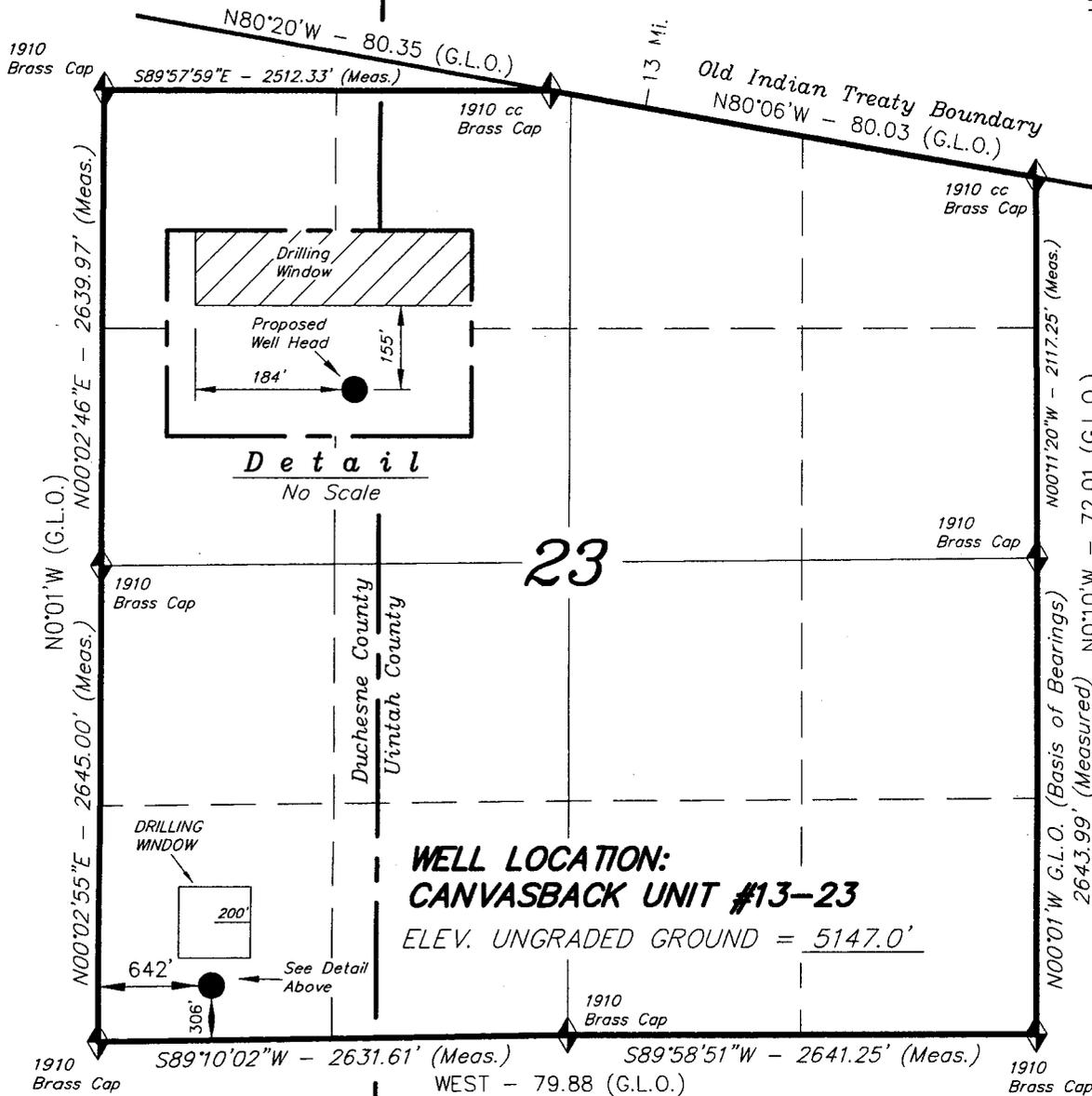
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED  
JAN 08 2003  
DIV. OF OIL, GAS & MINING

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

**INLAND PRODUCTION COMPANY**

WELL LOCATION, CANVASBACK UNIT #13-23, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 23, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

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

**WELL LOCATION:**  
**CANVASBACK UNIT #13-23**  
 ELEV. UNGRADED GROUND = 5147.0'

◆ = 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 84658  
 (435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: K.G.S.
DATE: 2-21-02	DRAWN BY: J.R.S.
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)

April 29, 2002

Memorandum

To: Assistant District Manager Minerals, Vernal District  
 From: Michael Coulthard, Petroleum Engineer  
 Subject: 2002 Plan of Development Canvasback 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 2002 within the Canvasback Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Grrv)		
43-013-32340	Canvasback 13-23-8-17	Sec. 23, T8S, R17E 306 FSL 642 FWL
43-047-34556	Canvasback 14-23-8-17	Sec. 23, T8S, R17E 264 FSL 2047 FWL
43-047-34557	Canvasback 15-23-8-17	Sec. 23, T8S, R17E 769 FSL 2145 FEL

Our records indicate that the 13-23-8-17 and the 14-23-8-17 are closer than 460 feet from the unit boundary. We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Canvasback Unit  
 Division of Oil Gas and Mining  
 Agr. Sec. Chron  
 Fluid Chron

MCoulthard:mc:4-29-2



January 7, 2003

Diana Mason  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

RE: Exceptional Spacing for the Proposed 13-23-8-17 Well

Dear Diana:

Please find attached a copy of the well location survey plat and a affidavit for the above-referenced well. Inland Production Company (Inland) requests administrative approval for a location exception to Rule R649-3-2, which governs the location of wells in the State of Utah.

Please contact me if you need additional information regarding this well.

Respectfully,

Mandie Crozier  
Permit Clerk

Enclosures

RECEIVED

JAN 08 2003

DIV. OF OIL, GAS & MINING



**AFFIDAVIT**

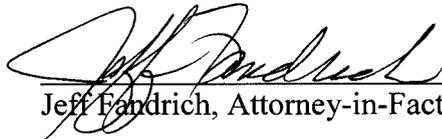
STATE OF COLORADO )  
 )ss.  
CITY AND COUNTY OF DENVER )

Re: Canvasback Unit #13-23  
T8S R17E, S.L.M.  
Section 23: 542' FWL, 306' FSL - (SWSW)  
Duchesne County, Utah

The, undersigned, Jeff Fandrich, as Attorney-in-Fact for Inland Production Company, of 410 17<sup>th</sup> Street, Suite 700, Denver, Colorado 80202, of lawful age, being first duly sworn on his oath disposes and say: That in accordance with Rule 649-3-3 of the Oil and Gas Conservation General Rules, Utah Division of Oil, Gas and Mining, I caused to be conducted a search of the pertinent land records of Duchesne County and the Bureau of Land Management involving all lands within a 460' radius of the above captioned location. Inland Production Company and Smith Energy Partnership are the only lessees within this radius and the United States of America is the sole mineral owner. Smith Energy Partnership has granted its written consent in compliance with Utah Division of Oil, Gas and Mining rules.

Further affiant saith not.

INLAND PRODUCTION COMPANY

  
\_\_\_\_\_  
Jeff Fandrich, Attorney-in-Fact

Subscribed and sworn to before me this 15th day of May, 2002.

My commission expires: 8/29/05

  
\_\_\_\_\_  
Notary Public



January 7, 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: Applications for Permit to Drill: Canvasback [REDACTED] and 14-23-8-17.

Dear Diana:

Enclosed find APD's on the above referenced wells. When this APD is approved, please contact Brad Mecham to set up a State On-Site. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier  
Permit Clerk

mc  
enclosures

RECEIVED  
JAN 08 2003  
DIV. OF OIL, GAS & MINING

**INLAND PRODUCTION COMPANY  
CANVASBACK FEDERAL #13-23-8-17  
SW/SW SECTION 23, 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  
CANVASBACK FEDERAL #13-23-8-17  
SW/SW SECTION 23, 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 Canvasback Federal # 13-23-8-17 located in the SW 1/4 SW 1/4 Section 23, 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 - 9.1 miles  $\pm$  to it's junction with an existing dirt road; proceed easterly - 3.7 miles  $\pm$  to it's junction with an existing road; proceed southeasterly passing the proposed 11-23-8-17 location to it's junction with an existing road; proceed southwesterly passing the proposed 15-23-8-17 and 14-23-8-17 locations, to it's junction with the beginning of the proposed access road; proceed northwesterly along the proposed access road 1125'  $\pm$  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** – Brad Nelson Family Trust.

12. **OTHER ADDITIONAL INFORMATION**

An Archaeological Report Waiver for this area has been signed by the surface owner, Brad Nelson. Refer to Exhibit "D".

Inland Production Company requests a 60' ROW for the Canvasback Federal #13-23-8-17 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 Canvasback Federal #13-23-8-17 to allow for construction of a 3" steel water injection line and a 3" poly water return line. Refer to Topographic Map "C."

**Water Disposal**

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

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

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

**Representative**

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

**Certification**

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #13-23-8-17 SW/SW Section 23, Township 8S, Range 17E: Lease UTU-76239 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.

1/7/03

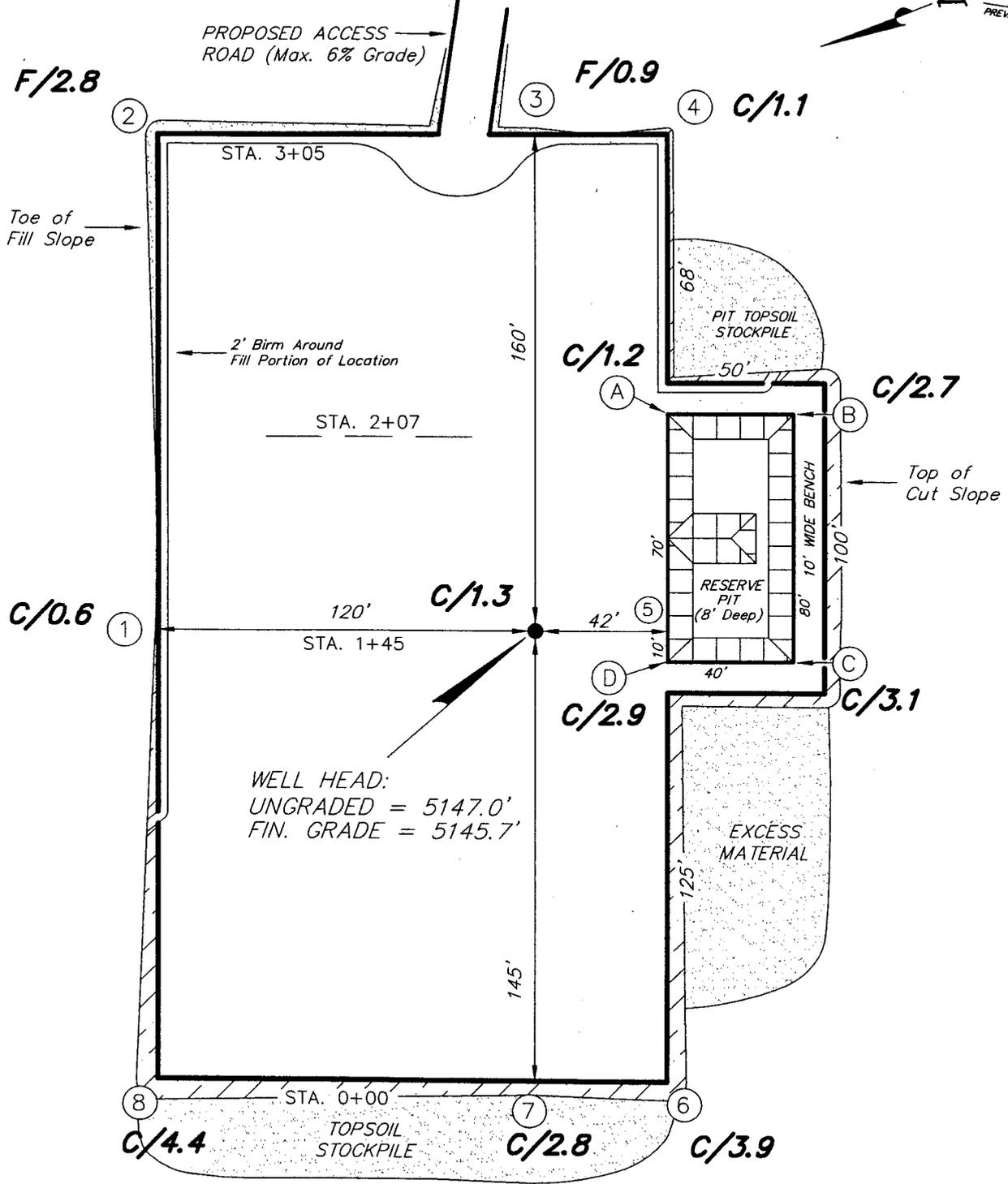
Date



Mandie Crozier  
Permit Clerk

# INLAND PRODUCTION COMPANY

CANVASBACK UNIT #13-23  
 SEC. 23, T8S, R17E, S.L.B.&M.



WELL HEAD:  
 UNGRADED = 5147.0'  
 FIN. GRADE = 5145.7'

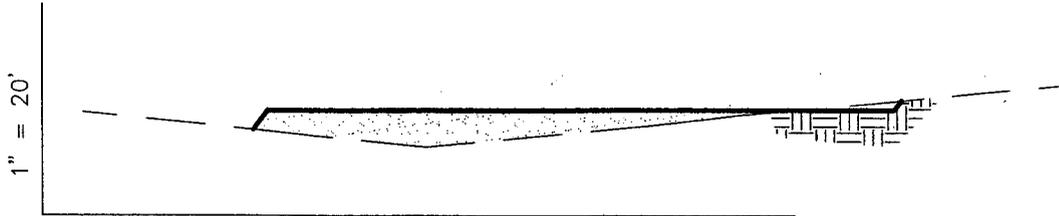
REFERENCE POINTS

195' WEST	= 5149.2'
245' WEST	= 5149.4'
170' NORTH	= 5148.3'
220' NORTH	= 5149.6'

# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

### CANVASBACK UNIT #13-23



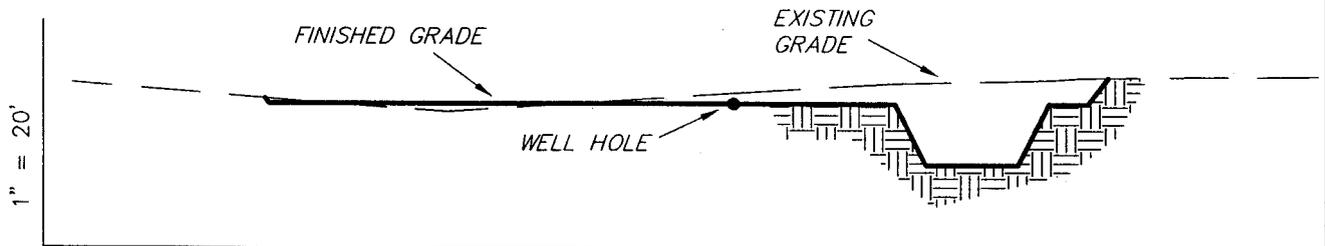
1" = 50'

STA. 3+05



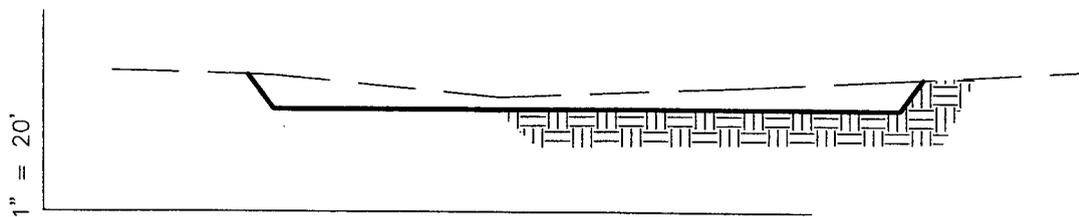
1" = 50'

STA. 2+07



1" = 50'

STA. 1+45



1" = 50'

STA. 0+00

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

#### ESTIMATED EARTHWORK QUANTITIES

(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,700	1,700	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,340	1,700	1,010	640

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

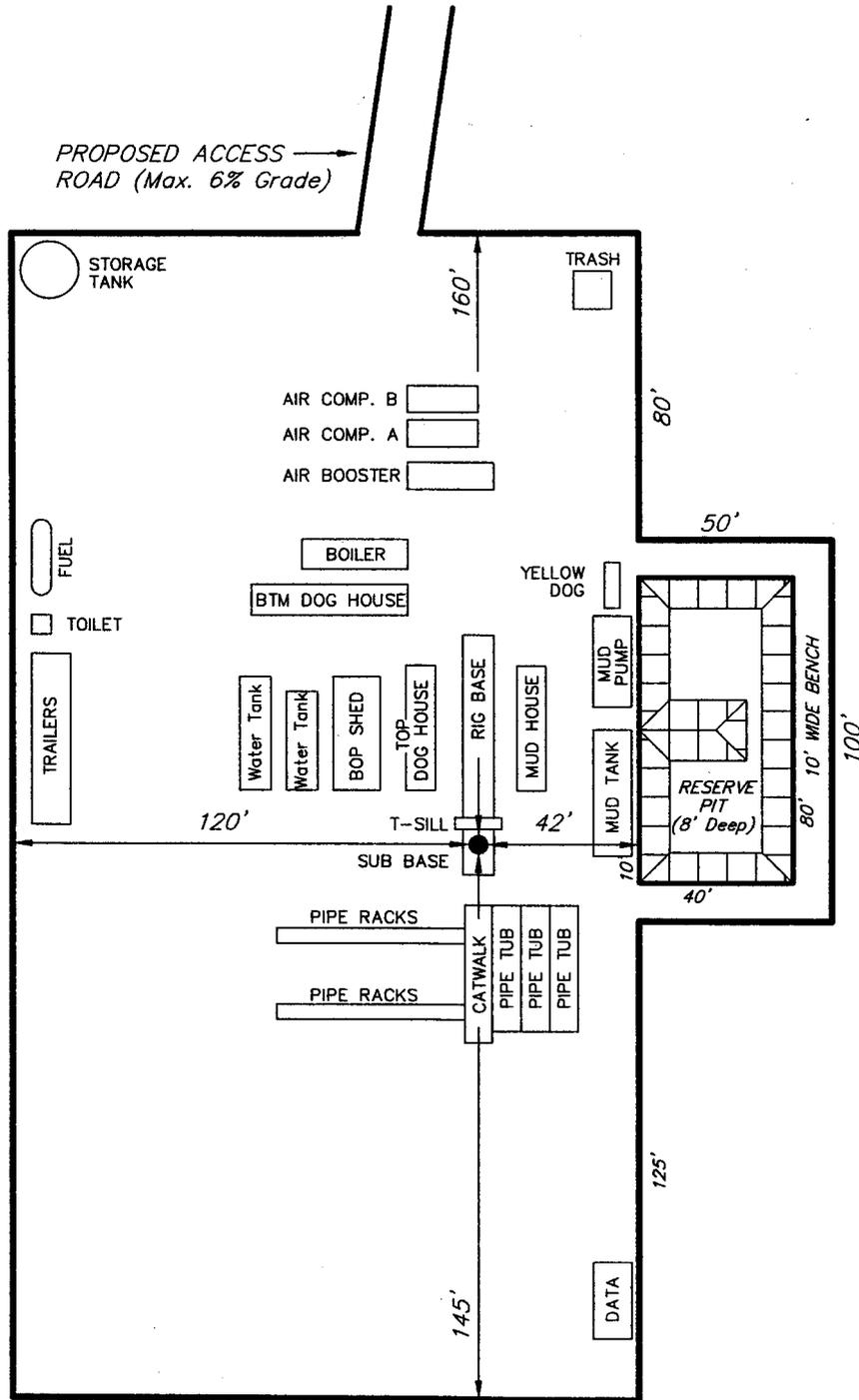
DATE: 2-21-02

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

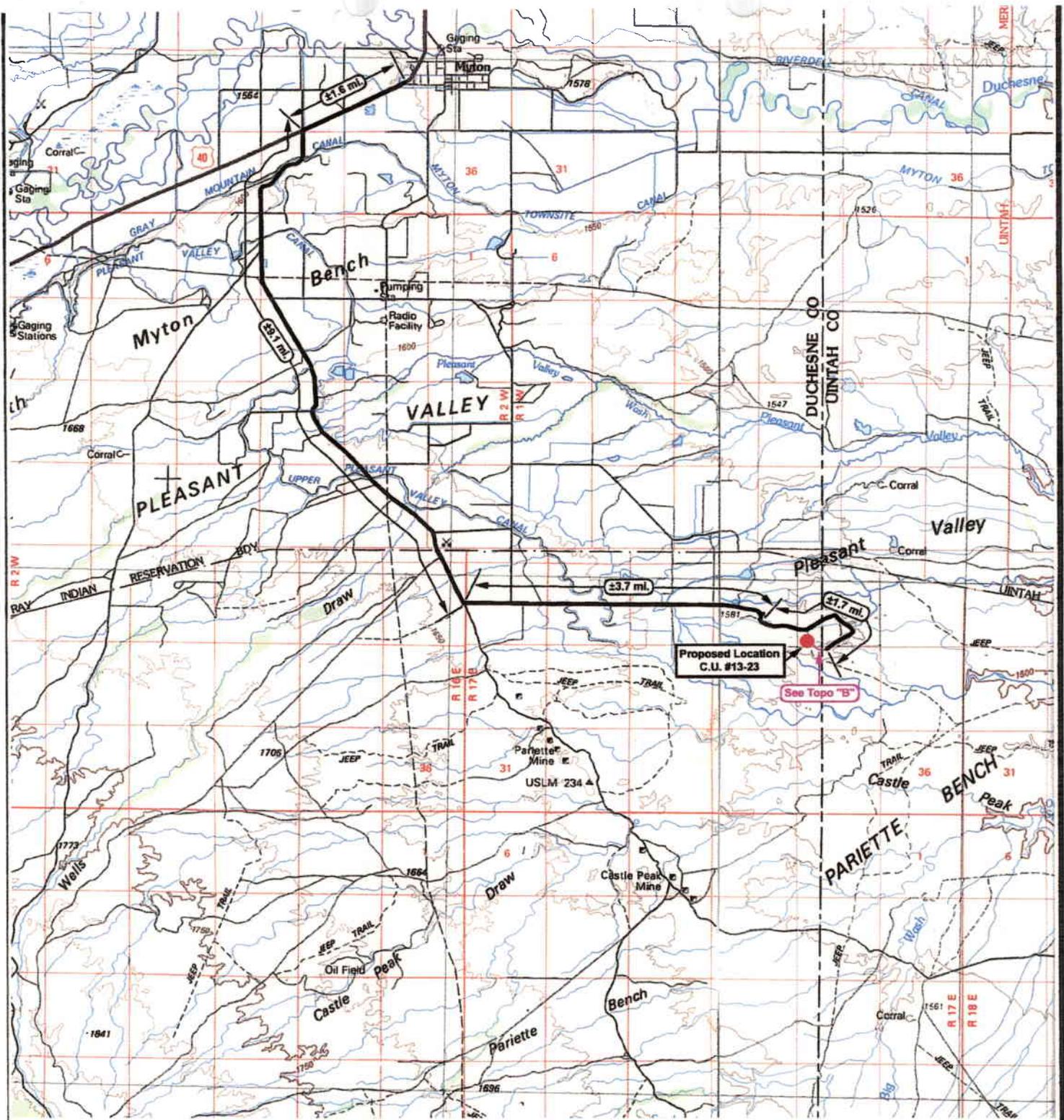
# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### CANVASBACK UNIT #13-23



SURVEYED BY: K.G.S.	SCALE: 1" = 50'	 Tri State Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078	(435) 781-2501
DRAWN BY: J.R.S.	DATE: 2-21-02		



**Canvasback Unit #13-23  
SEC. 23, 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: D.J.

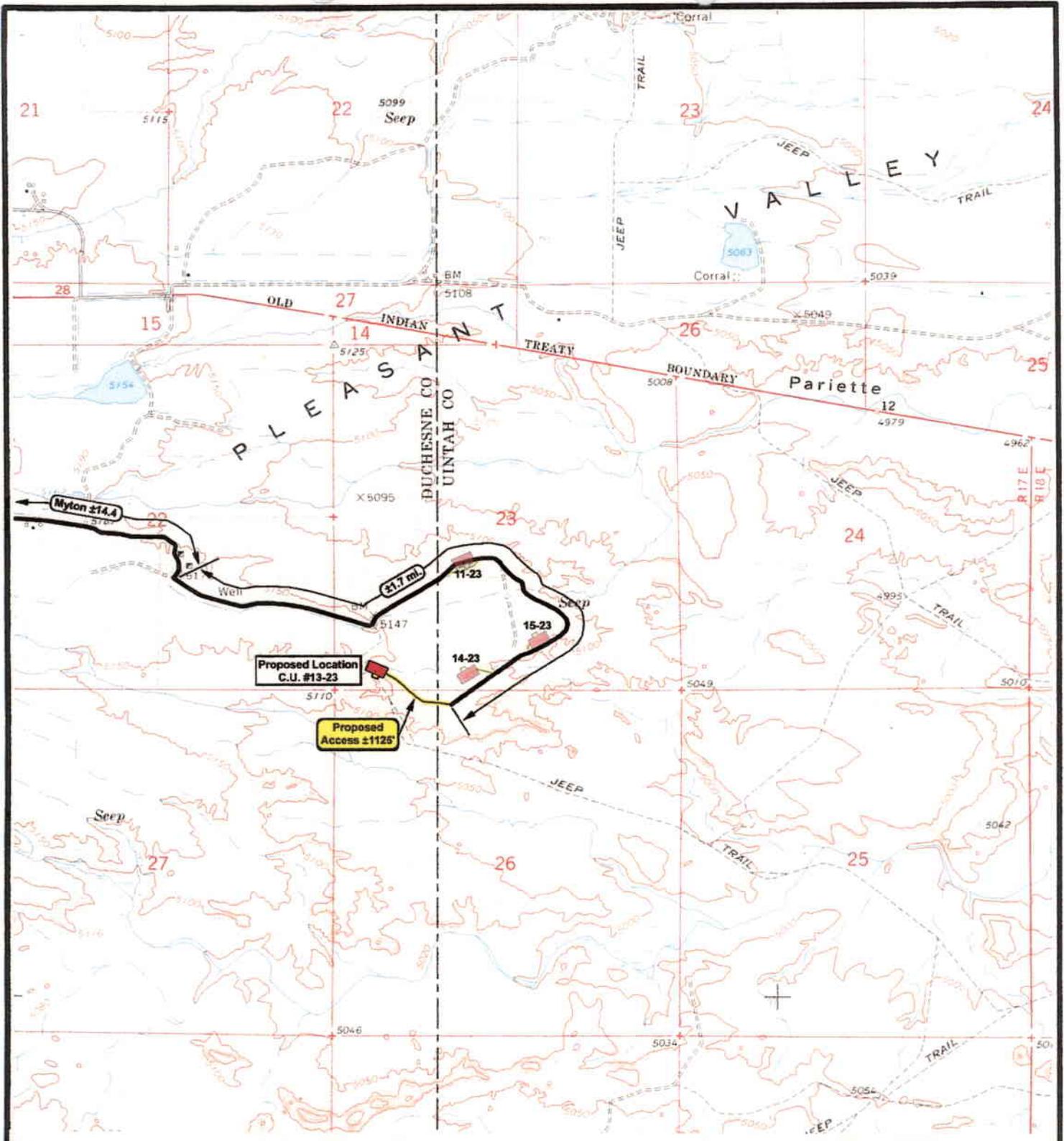
DATE: 02-27-2002

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

**"A"**



**Canvasback Unit #13-23  
SEC. 23, 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: D.J.

DATE: 02-27-2002

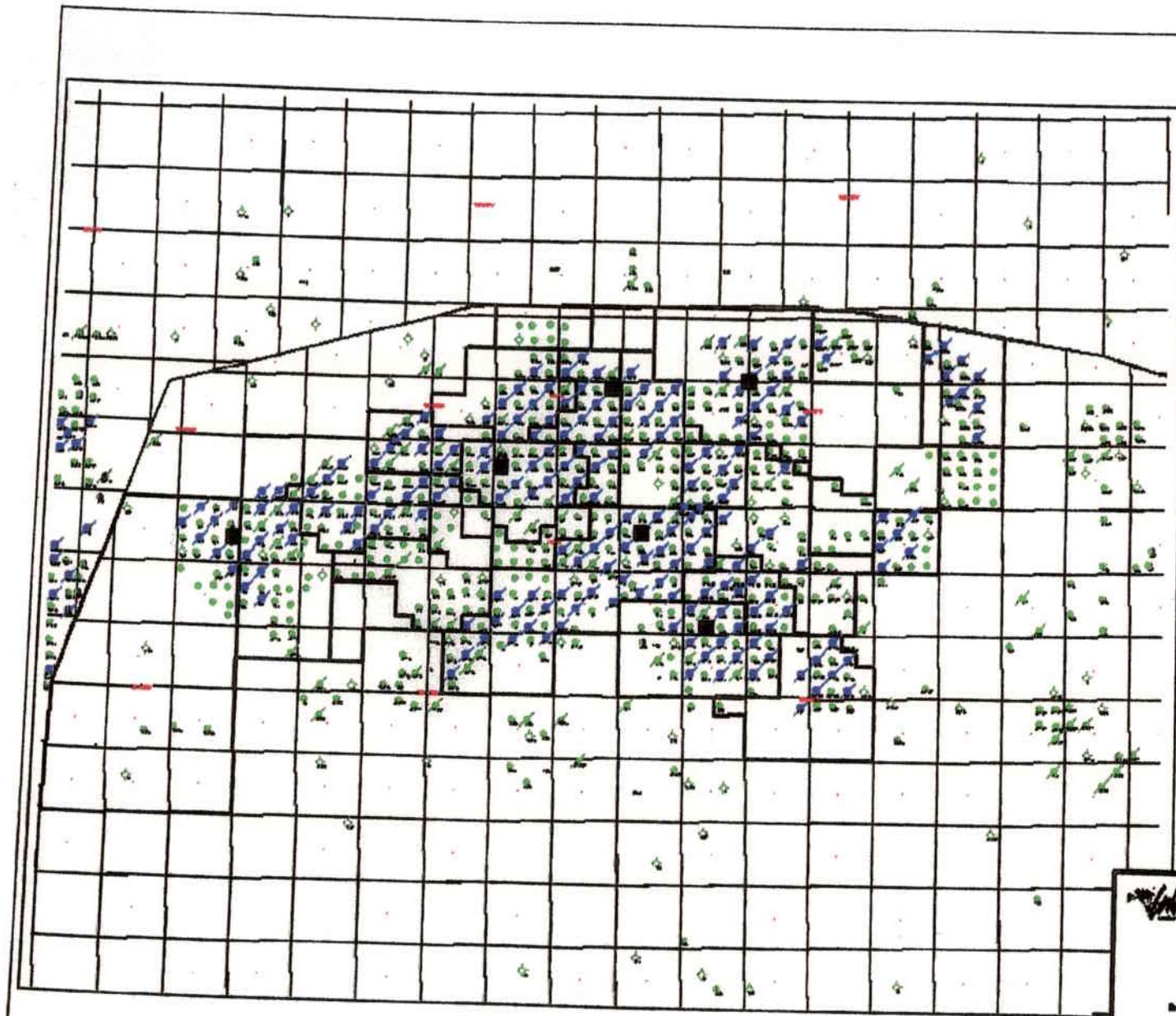
**Legend**

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP

**"B"**





- Hickon Blowers
- ▲ HIL
- OIL
- ◆ DRY
- METH



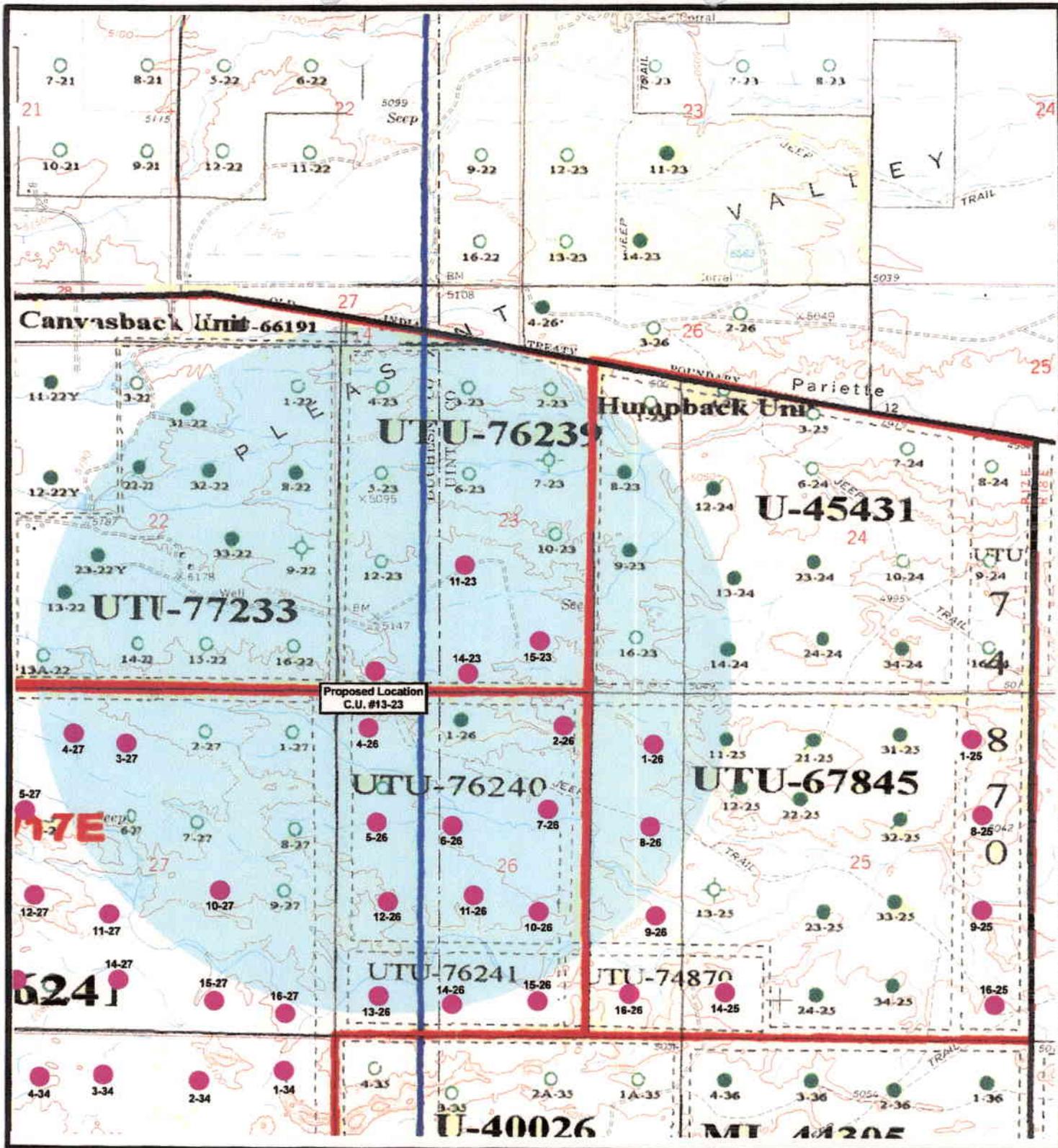
Exhibit "A"

**U.S. Geological Survey**  
 1111 K Street, N.W.  
 Reston, Virginia 20192  
 Phone: (703) 648-5423

**U.S. Geological Survey**  
 1111 K Street, N.W.  
 Reston, Virginia 20192

© 1998 U.S. Geological Survey

1 0 1 Mile



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

Legend	
<span style="color: pink;">●</span>	Proposed Locations
<span style="color: blue;">●</span>	One Mile Radius

**Canvasback Unit #13-23**  
**SEC. 23, T8S, R17E, S.L.B.&M.**

SCALE: 1" = 2000'  
 DRAWN BY: D.J.  
 DATE: 02-27-2002

**Exhibit**  
**"B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

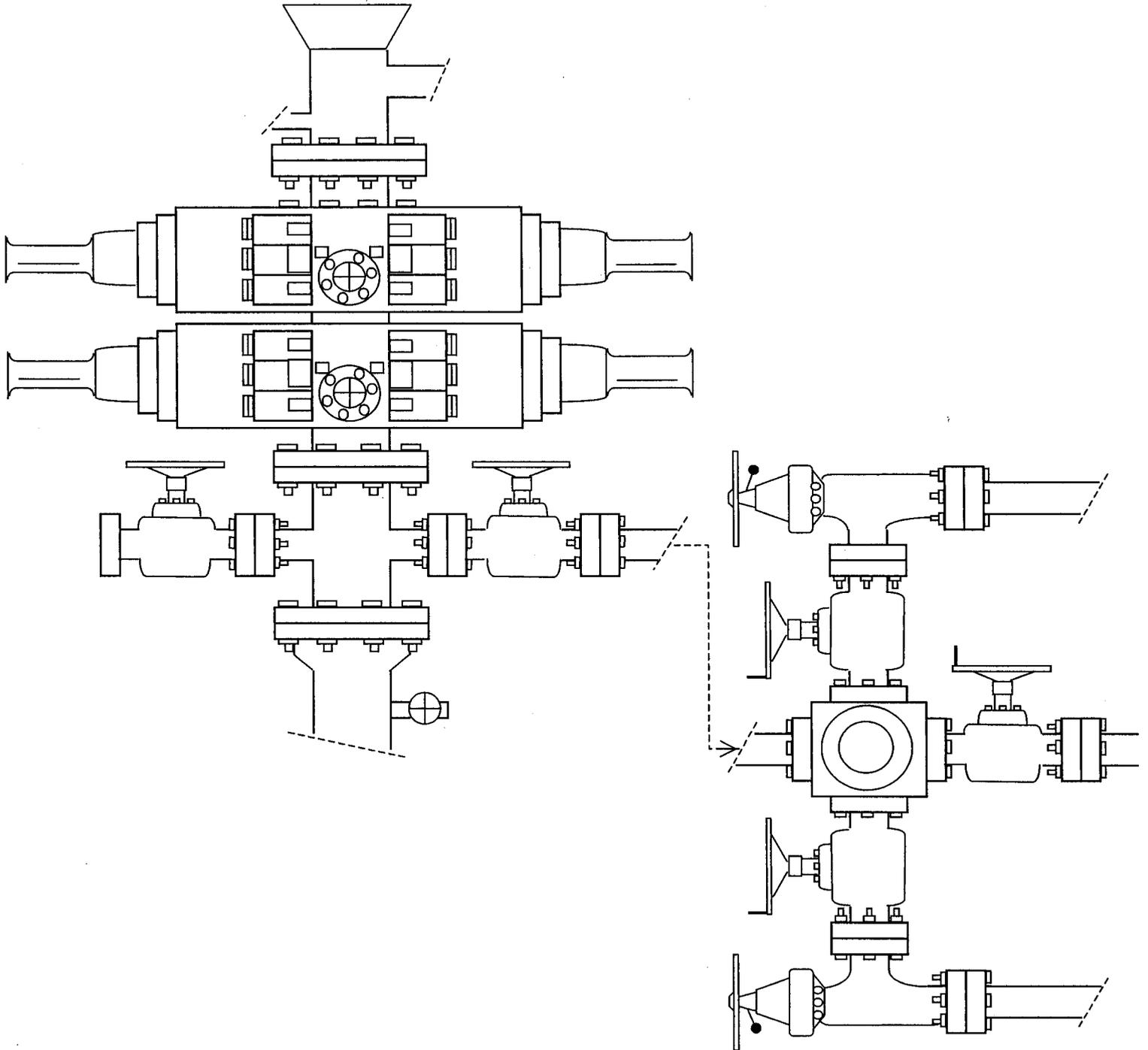


EXHIBIT C

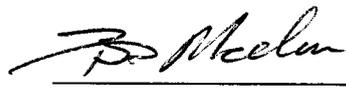
**EXHIBIT D**

*Canvasback 13-23-8-17  
SW/SW Sec. 23, T8S, R17E  
Lease #UTU-76239*

**ARCHAEOLOGICAL REPORT WAIVER**

**For the above referenced location; Brad Nelson, the Private Surface Owner.  
(Having a Surface Owner Agreement with Inland Production Company)  
Brad Nelson, representing this entity does agree to waive the request from  
the Bureau of Land Management for an Archaeological/Cultural Survey.  
This waiver hereby releases Inland Production Company from this request.**

  
**Brad Nelson      Date  
Private Surface Owner**

 12-30-02  
**Brad Mechem      Date  
Inland Production Company**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/08/2003

API NO. ASSIGNED: 43-013-32340

WELL NAME: FEDERAL 13-23-8-17  
OPERATOR: INLAND PRODUCTION ( N5160 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSW 23 080S 170E  
SURFACE: 0306 FSL 0642 FWL  
BOTTOM: 0306 FSL 0642 FWL  
UJINTAH Duchesne  
MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
LEASE NUMBER: UTU-76239  
SURFACE OWNER: 4 - Fee

LATITUDE: 40.09702

PROPOSED FORMATION: GRRV

LONGITUDE: 109.98036

RECEIVED AND/OR REVIEWED:

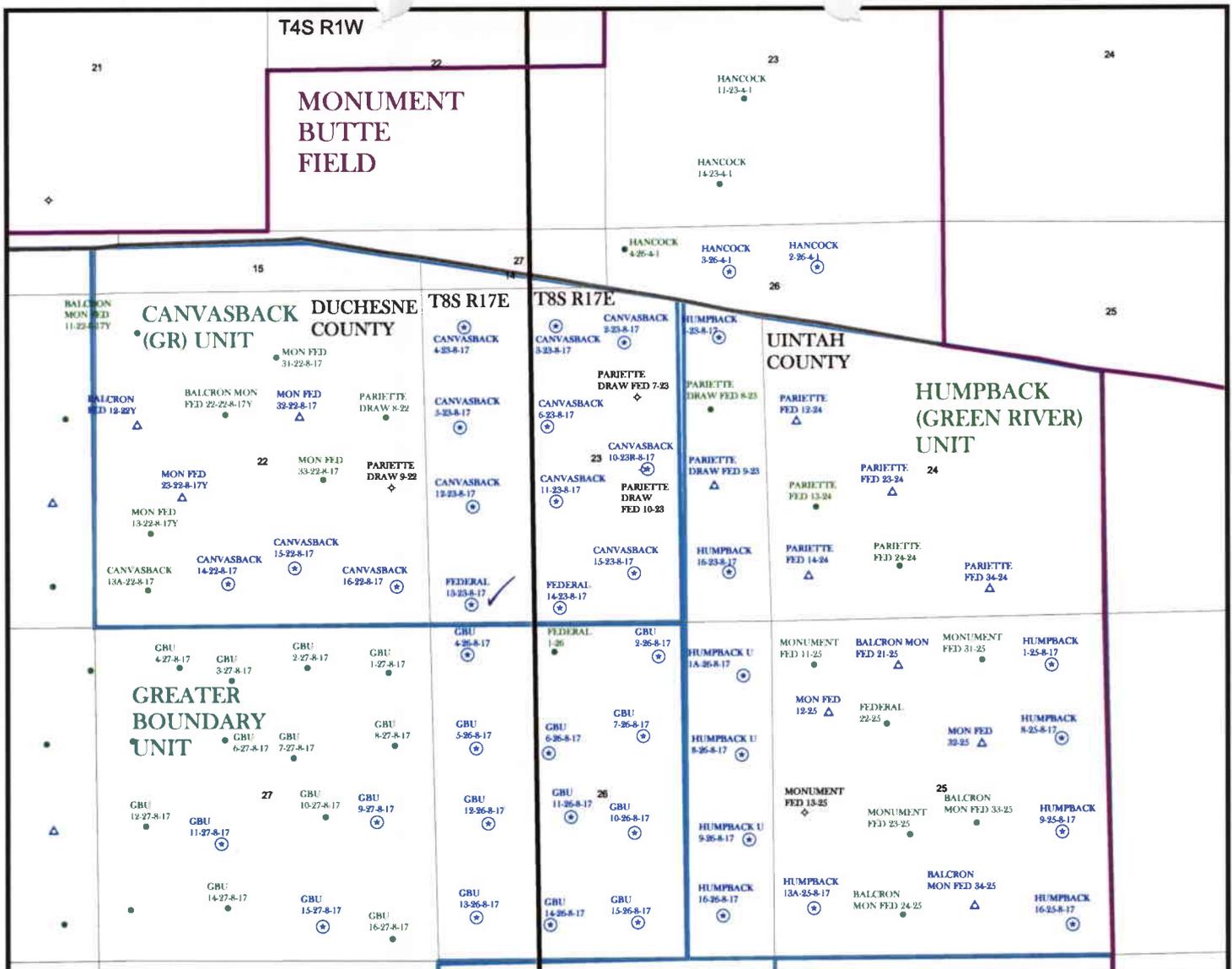
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

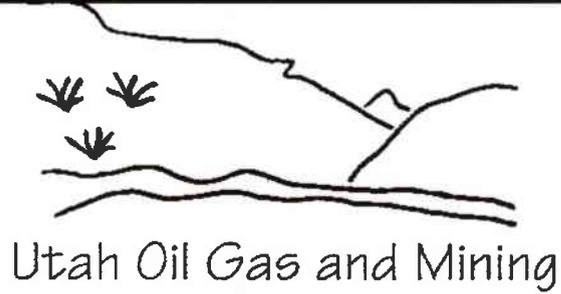
- \_\_\_ R649-2-3.
- Unit CANVASBACK (GREEN RIVER)
- \_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. **Exception**
- \_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- \_\_\_ R649-3-11. Directional Drill

COMMENTS: Sup, Separation file (ON SITE DONE 01-30-03)

STIPULATIONS: 1- Federal Approval  
2- Spacing Stip  
3- STATEMENT OF BASIS



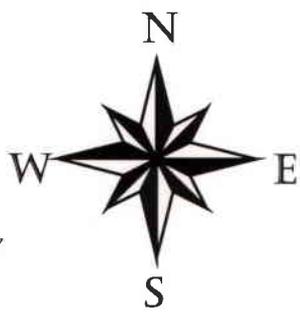
**OPERATOR: INLAND PRODUCTION CO (N5160)**  
**SEC. 23 T8S, R17E**  
**FIELD: MONUMENT BUTTE (105)**  
**COUNTY: DUCHESNE**  
**SPACING: R649-3-3 / EX LOCATION**



- WELLS**
- ↗ GAS INJECTION
  - ◻ GAS STORAGE
  - ✕ LOCATION ABANDONED
  - ⊙ NEW LOCATION
  - ⋄ PLUGGED & ABANDONED
  - PRODUCING GAS
  - PRODUCING OIL
  - ◻ SHUT-IN GAS
  - ◻ SHUT-IN OIL
  - ✕ TEMP. ABANDONED
  - TEST WELL
  - △ WATER INJECTION
  - ⋄ WATER SUPPLY
  - ↘ WATER DISPOSAL

- UNIT STATUS**
- ◻ EXPLORATORY
  - ◻ GAS STORAGE
  - ◻ NF PP OIL
  - ◻ NF SECONDARY
  - ◻ PENDING
  - ◻ PI OIL
  - ◻ PP GAS
  - ◻ PP GEOTHERML
  - ◻ PP OIL
  - ◻ SECONDARY
  - ◻ TERMINATED

- FIELD STATUS**
- ◻ ABANDONED
  - ◻ ACTIVE
  - ◻ COMBINED
  - ◻ INACTIVE
  - ◻ PROPOSED
  - ◻ STORAGE
  - ◻ TERMINATED
  - ◻ COUNTY BOUNDARY
  - ◻ SECTION LINES
  - ◻ TOWNSHIP LINES



PREPARED BY: DIANA MASON  
 DATE: 9-JANUARY-2003

**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**OPERATOR:** Inland Production Company  
**WELL NAME & NUMBER:** Federal #13-23-8-17  
**API NUMBER:** 43-013-32340  
**LOCATION:** 1/4,1/4 SW/SW Sec: 23 TWP: 08S RNG: 17E 306 FSL 642 FWL

**Geology/Ground Water:**

Inland proposes to set 300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 100'. A search of Division of Water Rights records shows two water wells within a 10,000 foot radius of the center of section 23 . These wells are over a mile from the proposed location and are listed as domestic use wells. No depths are listed for these wells. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect any useable ground water and nearby wells. The proposed well is on s Federal Mineral lease. Full evaluation of the drilling and casing program will be done by the BLM.

**Reviewer:** Brad Hill **Date:** 02/03/03

**Surface:**

An onsite of the surface area was done by the division staff to take input and address issues regarding the construction and drilling of said well. The landowner of record was invited to the meeting and was represented by Kent Nelson. The surface area was covered with snow. Some of the stakes were down and had to be dug up and located with a metal detector. It was observed that pit corner number 8 might need rounding to stay out of crop field. Location was also moved out of the window of tolerance to accommodate existing crop field. Therefore, Inland will have to request an exception spacing request from the division before final permitting can occur. The landowner claimed field is usually flood irrigated during the summer, which has direct run-off onto proposed location. Therefore, a diversion ditch shall be required along the northern side of location to prevent erosion to same. The access road didn't not cross any low spots and should not require any fencing, cattle guards, or culverts.

**Reviewer:** Dennis L. Ingram **Date:** February 3, 2003

**Conditions of Approval/Application for Permit to Drill:**

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
2. A drainage diversion shall be placed around the location.

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

**OPERATOR:** Inland Production Company  
**WELL NAME & NUMBER:** Canvasback Unit 13-23-8-17  
**API NUMBER:** 43-013-32340  
**LEASE:** FEE **FIELD/UNIT:** Monument Butte, Canvasback **LOCATION:**  
1/4,1/4 SW/SW Sec: 23 TWP: 08S RNG: 17E 306 FSL 642 FWL  
**LEGAL WELL SITING:** 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.  
**GPS COORD (UTM):** X =12586875 E; Y = 4439028N **SURFACE OWNER:** Brad Neilsen

**PARTICIPANTS**

Dennis L. Ingram(DOGM) Brad Mecham (Inland Production Company); Kent Nelson (Landowner); Junior Stubbs (Munks Construction Company)

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Well site proposed approximately seven miles southeast of Myton, Utah in Pleasant Valley on native or undisturbed, and uncultivated, desert habitat. The surface slopes to the southeast and downhill from flooded hay field. Surrounding area is tabletop surface (relatively flat) with adjacent shallow canyons, and draws that drain eastward.

**SURFACE USE PLAN**

**CURRENT SURFACE USE:** Undeveloped rangeland.

**PROPOSED SURFACE DISTURBANCE:** Location measuring 162'x 300' plus reserve pit and an access road from east/southeast measuring 0.3 miles, or 1125 feet.

**LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS:** See GIS data base

**LOCATION OF PRODUCTION FACILITIES AND PIPELINES:** Tank Battery and production equipment shall be located on location with gas pipelines along access roadway.

**SOURCE OF CONSTRUCTION MATERIAL:** Native cut and fill

**ANCILLARY FACILITIES:** None requested.

**WASTE MANAGEMENT PLAN:**

Was submitted to the division with application to drill

**ENVIRONMENTAL PARAMETERS**

**AFFECTED FLOODPLAINS AND/OR WETLANDS:** None

**FLORA/FAUNA:** Russian Olive trees, sagebrush, grass, reeds, wetland habitat from irrigation system. Antelope, mule deer, elk, bobcat, lion, raccoon, fox, coyote, birds of prey, song birds native to region, cotton tail rabbit, etc.

**SOIL TYPE AND CHARACTERISTICS:** Tan to light-brown sandy loam with some clays, also has underlying shale.

**SURFACE FORMATION & CHARACTERISTICS:** Uinta Formation of Upper Eocene age

EROSION/SEDIMENTATION/STABILITY: some erosion, some sedimentation, no stability problems anticipated.

PALEONTOLOGICAL POTENTIAL: None observed during onsite visit (snow covered surface)

**RESERVE PIT**

CHARACTERISTICS: Located on south side of location in cut and measuring 40'x 80'x 8' deep.

LINER REQUIREMENTS (Site Ranking Form attached): 55 points.

**SURFACE RESTORATION/RECLAMATION PLAN**

According to Landowner Agreement

SURFACE AGREEMENT: Yes

CULTURAL RESOURCES/ARCHAEOLOGY: Fee Lands, have provided a landowner waiver stating none required.

**OTHER OBSERVATIONS/COMMENTS**

Irrigated crop field immediately north of location, location dips to southeast, wetland surface vegetation from past run-off waters, location dips in middle, corner #8 might need rounded because of crop field, location was moved and is an exception location because of farming operations.

**ATTACHMENTS**

Photos of this location were taken and placed on file.

Dennis L. Ingram  
DOGM REPRESENTATIVE

January 30, 2003 10:00 AM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

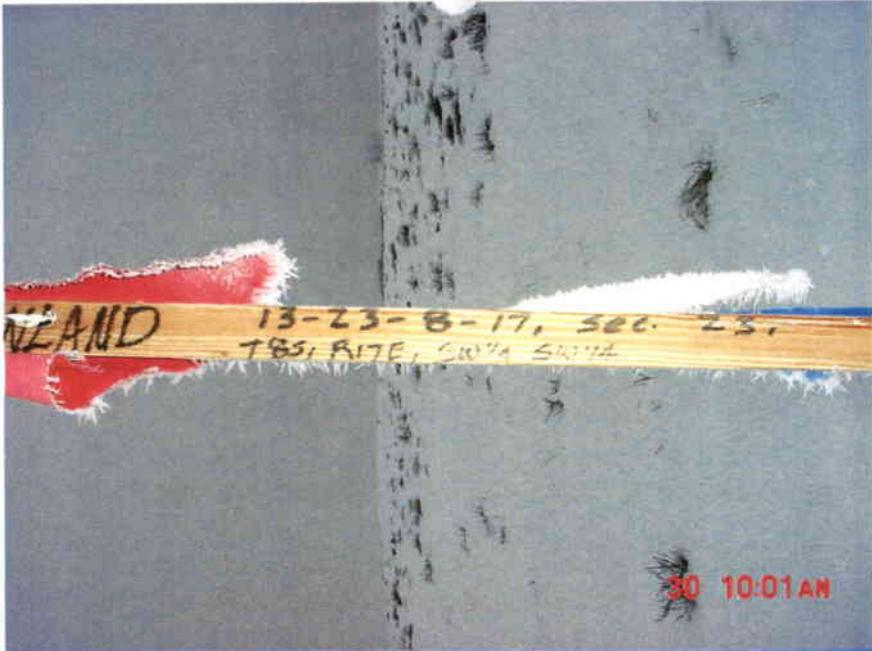
<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>25</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>15</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

**Final Score**      55      (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.









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

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

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

February 5, 2003

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

Re: Federal 13-23-8-17 Well, 306' FSL, 642' FWL, SW SW, Sec. 23, 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-013-32340.

Sincerely,

John R. Baza  
Associate Director

pb

Enclosures

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

**Operator:** Inland Production Company  
**Well Name & Number** Federal 13-23-8-17  
**API Number:** 43-013-32340  
**Lease:** UTU-76239

**Location:** SW SW      **Sec.** 23      **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.

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

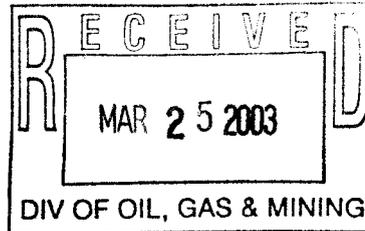
6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK		5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-76239</b>
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
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"/>		7. UNIT AGREEMENT NAME <b>Canvasback</b>
2. NAME OF OPERATOR <b>Inland Production Company</b>		8. FARM OR LEASE NAME WELL NO. <b>Federal 13-23-8-17</b>
3. ADDRESS OF OPERATOR <b>Route #3 Box 3630, Myton, UT 84052</b> Phone: <b>(435) 646-3721</b>		9. API WELL NO.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface <b>SW/SW 306' FSL 642' FWL</b> At proposed Prod. Zone		10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 16.1 miles southeast of Myton, Utah</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SW/SW Sec. 23, T8S, R17E</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to <b>Approx. 306' f/lease line &amp; 306' f/unit line</b>	16. NO. OF ACRES IN LEASE <b>473.84</b>	12. County <b>Duchesne</b>
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>	18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approx. 1447'</b>	13. STATE <b>UT</b>
19. PROPOSED DEPTH <b>6500'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5147' GR</b>	22. APPROX. DATE WORK WILL START* <b>1st Quarter 2003</b>	
23. PROPOSED CASING AND CEMENTING PROGRAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design		
SETTING DEPTH	QUANTITY OF CEMENT	

Inland Production Company proposes to drill this well in accordance with the attached exhibits.  
The Conditions of Approval are also attached.



RECEIVED  
JAN - 8 2003  
REC'D

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 Melanie Lorenz TITLE Permit Clerk DATE 1/7/03  
(This space for Federal or State office use)

NOTICE OF APPROVAL

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Howard B. Claug Assistant Field Manager  
Mineral Resources DATE 03/19/2003

\*See Instructions On Reverse Side

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

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: CANVASBACK FEDERAL 13-23-8-17

API Number: 43-013-32340

Lease Number: UTU – 76239

Location: SWSW Sec. 23 TWN: 08S RNG: 17E

Agreement: CANVASBACK 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 FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at  $\pm 620$  ft.

**Conditions of Approval (COA)**  
**Inland Production Company - Well No. 13-23-8-17 & 14-23-8-17**

Methods of Handling Waste Disposal:

To prevent the potential discharge of chemicals into sub-waters the operator shall line the reserve pit with a non-permeable reinforce liner that is a minimum of 12 mil thickness. The reserve pit will also have sufficient bedding (either weed free straw or dirt) to cover any rocks to prevent puncture of the liner. The liner shall overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc..., that could puncture the liner will be disposed of in the pit.

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: FEDERAL 13-23-8-17Api No: 43-013-32340 Lease Type: FED - FEE SURFSection 23 Township 08S Range 17E County DUCHESNEDrilling Contractor LEON ROSS RIG# 14**SPUDDED:**Date 04/09/03Time 10:00 AMHow DRY**Drilling will commence:** \_\_\_\_\_Reported by PAT WISENERTelephone # 1-435-823-7468Date 04/10/2003 Signed: CHD

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

OPERATOR: INLAND PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3830  
MYTON, UT 84052

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
BX	99999	12299	43-013-32340	Canvasback #13-23-8-17	SW/SW	23	8S	17E	Duchesne	April 9, 2003	4/30/03

WELL 1 COMMENTS:

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

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

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

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

(3/06)

*Kebbie S. Jones*  
 Signature  
 Production Clerk  
 Title

Kebbie S. Jones

April 11, 2003  
Date

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APR 11 2003

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

010

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)

306' FSL & 642' FWL SW/SW Sec 23 T2N 8S. R17E

5. Lease Designation and Serial No.

UTU-76239

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Canvasback

8. Well Name and No.

Federal 13-23-8-17

9. API Well No.

43-013-32340

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>Spud Report</b>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

On 4-09-03. MIRU Ross # 14. Drill 310' of 12 1/4" hole with air mist. TIH w/ 7 Jt's 85/8" J-55 24# csgn. Set @ 316.28/KB On 4-10/03 cement with 140 sks of Class "G" w/ 2% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. 1 bbl cement returned to surface. WOC.

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

Signed

*Pat Wisener*  
Pat Wisener

Title

Drilling Foreman

Date

04/10/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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APR 16 2003

DIV. OF OIL, GAS & MINING

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 316.28

LAST CASING 8 5/8" SET AT 316.28'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 310 LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company  
 WELL FEDERAL Canvasback 13-23-8-17  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross #14

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		43.10' sh jt' shjt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	304.43
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		306.28
TOTAL LENGTH OF STRING			306.28	7	LESS CUT OFF PIECE		2
LESS NON CSG. ITEMS			1.85		PLUS DATUM TO T/CUT OFF CSG		12
PLUS FULL JTS. LEFT OUT			0		CASING SET DEPTH		<b>316.28</b>
TOTAL			304.43	7	} COMPARE		
TOTAL CSG. DEL. (W/O THRDS)			304.43	7			
TIMING			1ST STAGE		GOOD CIRC THRU JOB <u>Yes</u>		
BEGIN RUN CSG.			SPUD	04/09/2003	Bbls CMT CIRC TO SURFACE <u>1</u>		
CSG. IN HOLE				10:00am	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE		
BEGIN CIRC					DID BACK PRES. VALVE HOLD? <u>N/A</u>		
BEGIN PUMP CMT					BUMPED PLUG TO <u>200</u> PSI		
BEGIN DSPL. CMT							
PLUG DOWN			<b>Cemented</b>	<b>04/10/2003</b>			
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	140	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**  
**APR 16 2003**

COMPANY REPRESENTATIVE Pat Wisener

DATE 04/10/2003 OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

011

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Canvasback

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Federal 13-23-8-17

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43-013-32340

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne, Utah

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Weekly Status 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.)\*

Weekly Status report for the period of 4-14-03 thru 4-20-03.

On 4-13-03 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 & MU BHA and tag cement @ 274'. Drill out cement and shoe. Con't to drill 77/8" hole with fresh water to a depth of 6408'. Lay down drill string. Open hole log. PU & MU Guide shoe, 1 jt 51/2" csg, Float collar & 148jt's J-55 15.5 # 51/2" csgn. Set @ 6408'/KB. Cement with 400\* sks. 50/50 POZ w/ 3% KCL, 1/4#sk Cello-Flake, 2% Gel, .3%SMS, .05#sk Static free, Mixed @ 14.4PPG >1.24 YLD. Then 320\* sks Prem Litell w/ 3% KCL, 3#sk Kolseal, 8% Gel, .5SMS, 3#sk CSE, mixed @ 11.0PPG >3.43. Good returns thru job with 15 bbls of cement returned to pit. Set slips with 75,000# tension. Nipple down BOP's. Release rig @ 1:30 pm on 4-18-03

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

Signed

Pat Wisener

Title

Drilling Foreman

Date

04/20/2003

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.

RECEIVED  
APR 23 2003  
DIV. OF OIL, GAS & MINING

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6408.15

Flt cllr @ 6368'

LAST CASING 8 5/8" SET AT 316.28'

OPERATOR Inland Production Company

DATUM 12' KB

WELL Canvasback 13-23-8-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE \_\_\_\_\_

CONTRACTOR & RIG # Eagle # 1

TO DRILLER 6408' LOGGER 6399'

HOLE SIZE 7 7/8"

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		37' @ 4208'					
148	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6355.82
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	39.08
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6410.15
TOTAL LENGTH OF STRING		6410.15	149	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		37.22	1	CASING SET DEPTH			<b>6408.15</b>
TOTAL		<b>6432.12</b>	150	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6432.12	150				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		4:00 AM		GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		6:30am		Bbls CMT CIRC TO SURFACE <u>15 bbls cement</u>			
BEGIN CIRC		6:45am	7:30am	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		8:15am	9:30am	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		9:57am		BUMPED PLUG TO <u>1645</u> PSI			
PLUG DOWN			<b>10:30am</b>				

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	320	Premilite 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.							
						<b>RECEIVED</b>	
						<b>APR 23 2003</b>	

COMPANY REPRESENTATIVE Pat Wisener

DIV. OF OIL, GAS & MINING  
DATE 04/18/2003

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

012

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-76239
6. If Indian, Allottee or Tribe Name NA
7. If Unit or CA, Agreement Designation CANVASBACK
8. Well Name and No. CANVASBACK FEDERAL 13-23-8-17
9. API Well No. 43-013-32340
10. Field and Pool, or Exploratory Area MONUMENT BUTTE
11. County or Parish, State DUCHESNE COUNTY, UT

SUBMIT IN TRIPLICATE

1. Type of Well [X] 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) 306 FSL 642 FWL SW/SW Section 23, T8S R17E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION: [ ] Notice of Intent, [X] Subsequent Report, [ ] Final Abandonment Notice
TYPE OF ACTION: [ ] Abandonment, [ ] Recompletion, [ ] Plugging Back, [ ] Casing Repair, [X] Altering Casing (Weekly status report), [ ] Change of Plans, [ ] New Construction, [ ] Non-Routine Fracturing, [ ] Water Shut-Off, [ ] Conversion to Injection, [ ] Dispose Water

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.)\*

Status report for time period 4/28/03 - 5/6/03

Subject well had completion procedures initiated in the Green River formation on 4/28/03 with the use of a service rig over the well. A cement bond log was run and a total of six Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (6358-6366'), (6348-6352'), (6298-6304'), and (6253-6258'); #2 (6123-6127'), (6062-6071'), (6046-6057'), (6025-6028'), and (5924-5932'); #3 (5804-5809'), (5716-5726'); #4 (5447-5458'); #5 (5302-5308'), (5225-5234'), (5141-5145'), and (5129-5138'); and #6 (4786-4814'). All were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. Bridge plugs were drilled out and well was cleaned out to PBTD @ 6390'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 6275'. A repaired 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 5/6/03.

14. I hereby certify that the foregoing is true and correct. Signed Martha Hall Title Office Manager Date 5/7/2003

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

MAY 08 2003

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

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

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

**013**

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

**1a. TYPE OF WORK**

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

**1b. TYPE OF WELL**

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

**2. NAME OF OPERATOR**

INLAND RESOURCES INC.

**3. ADDRESS AND TELEPHONE NO.**

410 17th St. Suite 700 Denver, CO 80202

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

At Surface 306' FSL & 642' FWL (SWSW) Sec. 23, Twp 8S, Rng 17E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-32340 DATE ISSUED 3/19/03 12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUNDED 4/9/03 16. DATE T.D. REACHED 4/17/03 17. DATE COMPL. (Ready to prod.) 5/6/03 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* GL 5147' KB 5159' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6408' 21. PLUG BACK T.D., MD & TVD 6390' 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 4786' - 6366' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIGI/SPICDL/GR/Cal-5-12-03 27. WAS WELL CORED No

**33. 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#	316'	12-1/4"	To surface with 140 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6408	7-7/8"	320 sx Premlite II and 400 sx 50/50 Poz	

**29. LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 6275'	TA @ 6173'

**31. PERFORATION RECORD (Interval, size and number)**

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
(CP4,5) 6253-58', 6298-6304', 6348-52', 6358-66'	.038"	4/92	6253'-6366'	Frac w/ 50,714# 20/40 sand in 475 bbls fluid.
(CP.5,1,2,LoLODC) 5924-32', 6025-28', 6046-57', 6062-71', 6123-27'	.038"	4/140	5924'-6127'	Frac w/ 120,483# 20/40 sand in 882 bbls fluid.
(BS, UPLODC) 5716-26', 5804-09', (B.5) 5447'-5458'	.038"	4/60	5716'-5809'	Frac w/ 47,868# 20/40 sand in 463 bbls fluid.
(DS3,D2,3) 5129-38', 5141-45', 5225-34', 5302-08'	.038"	4/118	5129'-5308'	Frac w/ 56,300# 20/40 sand in 489 bbls fluid.
(PB 7) 4786'-4814'	.038"	4/112	4786'-4814'	Frac w/ 50,523# 20/40 sand in 478 bbls fluid.

**33.\* PRODUCTION**

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
5/6/03	2-1/2" x 1-1/2" x 15' RHAC Pump	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			→	106	74	6	698
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 JUN 16 2003

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 6/13/03  
 Brian Harris

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

**RECEIVED**

DIV. OF OIL, GAS & MINING

BDH

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 Federal 13-23-8-17	Garden Gulch Mkr	4184'	
				Garden Gulch 2	4489'	
				Point 3 Mkr	4754'	
				X Mkr	4988'	
				Y-Mkr	5024'	
				Douglas Creek Mkr	5158'	
				BiCarbonate Mkr	5418'	
				B Limestone Mkr	5556'	
				Castle Peak	6006'	
				Basal Carbonate		
				Total Depth (LOGGERS)	6408'	



June 13, 2003

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

Carvasback 13-23-8-17 (43-013-32340)  
Duchesne County, UT

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 Dave Jull of Phoenix Surveys is already doing so.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Harris". The signature is written in a cursive style with a large initial "B".

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

RECEIVED  
JUN 16 2003  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

014

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-76239

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

CANVASBACK

8. Well Name and No.

FEDERAL 13-23-8-17

9. API Well No.

43-013-32340

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)

306 FSL 642 FWL SW/SW Section 23, T8S R17E

12. 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

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

Signed

*Mandie Crozier*  
Mandie Crozier

Title

Regulatory Specialist

Date

11/14/2003

CC: UTAH DOGM

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

CC: Utah DOGM

RECEIVED  
NOV 17 2003  
DIV. OF OIL, GAS & MINING

**ROUTING**

**OPERATOR CHANGE WORKSHEET**

1. GLH
2. CDW
3. FILE

**015**

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective: <b>9/1/2004</b>	
<b>FROM: (Old Operator):</b> N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO: ( New Operator):</b> N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721

**CA No.**

**Unit:**

**CANVASBACK (GREEN RIVER)**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BALCRON FED 12-22Y	22	080S	170E	4301331476	12299	Federal	WI	A
BALCRON MON FED 22-22-8-17Y	22	080S	170E	4301331538	12299	Federal	OW	P
BALCRON MON FED 11-22-8-17Y	22	080S	170E	4301331539	12299	Federal	OW	P
MON FED 13-22-8-17Y	22	080S	170E	4301331583	12299	Federal	OW	S
MON FED 32-22-8-17	22	080S	170E	4301331586	12299	Federal	WI	A
MON FED 31-22-8-17	22	080S	170E	4301331587	12299	Federal	OW	P
MON FED 33-22-8-17	22	080S	170E	4301331588	12299	Federal	OW	P
MON FED 23-22-8-17Y	22	080S	170E	4301331702	12299	Federal	WI	A
PARIETTE DRAW 8-22	22	080S	170E	4301331826	12299	Federal	OW	P
CANVASBACK 13A-22-8-17	22	080S	170E	4301332238	12299	Federal	OW	P
CANVASBACK 14-22-8-17	22	080S	170E	4301332239	12299	Federal	OW	P
CANVASBACK 15-22-8-17	22	080S	170E	4301332240	12299	Federal	OW	P
CANVASBACK 16-22-8-17	22	080S	170E	4301332241	12299	Federal	OW	P
FEDERAL 13-23-8-17	23	080S	170E	4301332340	12299	Federal	OW	P
CANVASBACK 12-23-8-17	23	080S	170E	4301332341	12299	Federal	OW	P
CANVASBACK 4-23-8-17	23	080S	170E	4301332342	12299	Federal	OW	P
CANVASBACK 5-23-8-17	23	080S	170E	4301332343	12299	Federal	OW	P
FEDERAL 14-23-8-17	23	080S	170E	4304734556	12299	Federal	OW	P
CANVASBACK 15-23-8-17	23	080S	170E	4304734557	12299	Federal	D	PA
CANVASBACK 3-23-8-17	23	080S	170E	4304734567	12299	Federal	OW	P

K  
K

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The FORMER operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

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

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

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



Geoffrey S. Connor  
Secretary of State

## Office of the Secretary of State

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

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

**OPERATOR CHANGE WORKSHEET**

**017**

Change of Operator (Well Sold)

Designation of Agent/Operator

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

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:		<b>9/1/2004</b>
<b>FROM:</b> (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO:</b> ( New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

**CA No.**

**Unit:**

**CANVASBACK (GREEN RIVER)**

**WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BALCRON FED 12-22Y	22	080S	170E	4301331476	12299	Federal	WI	A
BALCRON MON FED 22-22-8-17Y	22	080S	170E	4301331538	12299	Federal	OW	P
BALCRON MON FED 11-22-8-17Y	22	080S	170E	4301331539	12299	Federal	OW	P
MON FED 13-22-8-17Y	22	080S	170E	4301331583	12299	Federal	OW	S
MON FED 32-22-8-17	22	080S	170E	4301331586	12299	Federal	WI	A
MON FED 31-22-8-17	22	080S	170E	4301331587	12299	Federal	OW	P
MON FED 33-22-8-17	22	080S	170E	4301331588	12299	Federal	OW	P
MON FED 23-22-8-17Y	22	080S	170E	4301331702	12299	Federal	WI	A
PARIETTE DRAW 8-22	22	080S	170E	4301331826	12299	Federal	OW	P
CANVASBACK 13A-22-8-17	22	080S	170E	4301332238	12299	Federal	OW	P
CANVASBACK 14-22-8-17	22	080S	170E	4301332239	12299	Federal	OW	P
CANVASBACK 15-22-8-17	22	080S	170E	4301332240	12299	Federal	OW	P
CANVASBACK 16-22-8-17	22	080S	170E	4301332241	12299	Federal	OW	P
FEDERAL 13-23-8-17	23	080S	170E	4301332340	12299	Federal	OW	P
CANVASBACK 12-23-8-17	23	080S	170E	4301332341	12299	Federal	OW	P
CANVASBACK 4-23-8-17	23	080S	170E	4301332342	12299	Federal	OW	P
CANVASBACK 5-23-8-17	23	080S	170E	4301332343	12299	Federal	OW	P
FEDERAL 14-23-8-17	23	080S	170E	4304734556	12299	Federal	OW	P
CANVASBACK 15-23-8-17	23	080S	170E	4304734557	12299	Federal	D	PA
CANVASBACK 3-23-8-17	23	080S	170E	4304734567	12299	Federal	OW	P

K  
K

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU76239

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:  
CANVASBACK UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 13-23-8-17

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4301332340

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: 306 FSL 642 FWL  
  
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/SW, 23, T8S, R17E

COUNTY: Duchesne  
  
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  _____	<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:  06/10/2005	<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 an injection well on 5-24. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly at 4715'. On 6-3-05 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 6-9-05. On 6-9-05 the csg was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The Tbg pressure was 300 psig during the test. There was not an EPA representative available to witness the test. EPA # UT20855-06520 API #43-013-32340.

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

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager

SIGNATURE *Kathy Chapman* DATE 06/13/2005

(This space for State use only)

**RECEIVED**  
**JUN 15 2005**  
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 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 06/09/05  
 Test conducted by: Dale Giles  
 Others present: \_\_\_\_\_

Well Name: <u>Federal 13-23-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Canvasback unit</u>		
Location: _____	Sec: <u>23 T 8 N (S) R 17 (E) W</u>	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
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>300</u> psig	psig	psig
End of test pressure	<u>300</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1200</u> psig	psig	psig
5 minutes	<u>1200</u> psig	psig	psig
10 minutes	<u>1200</u> psig	psig	psig
15 minutes	<u>1200</u> psig	psig	psig
20 minutes	<u>1200</u> psig	psig	psig
25 minutes	<u>1200</u> psig	psig	psig
30 minutes	<u>1200</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<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

### 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: \_\_\_\_\_

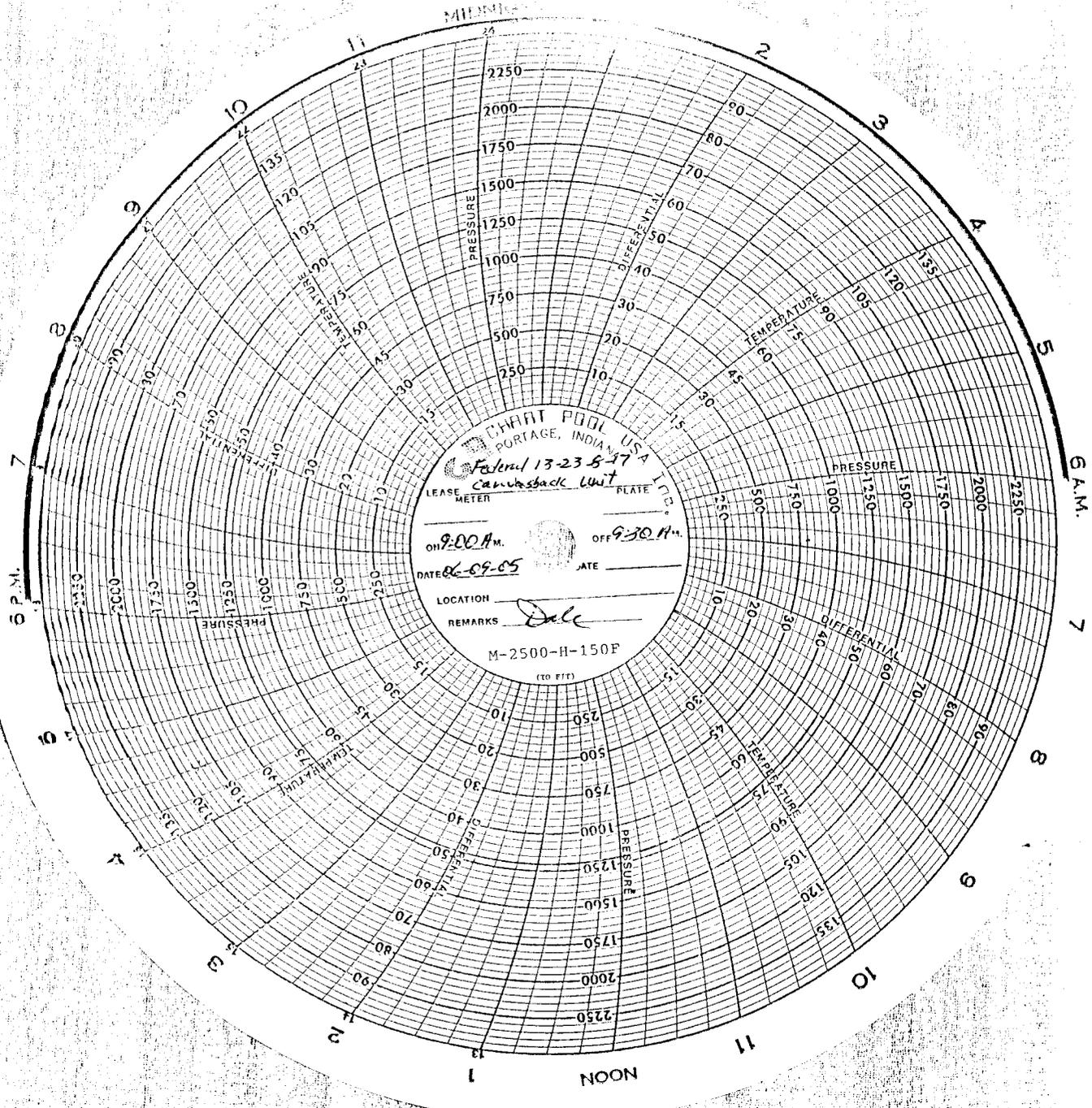


CHART POOL USA  
PORTAGE, INDIANA  
Federal 13-238-17  
Canvasback Unit  
LEASE METER PLATE  
ON 9:00 A.M. OFF 9:30 A.M.  
DATE 6-69-65 DATE  
LOCATION  
REMARKS Dale  
M-2500-H-150P  
(TO FFF)

4301332340  
8517E Sec. 23



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

JUN 30 2005

Ref: 8P-W-GW

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

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

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

REF: UNDERGROUND INJECTION CONTROL (UIC)  
**Authority to Commence Injection**  
**Well Permit No. UT20855-06520**  
**Canvasback Federal No. 13-23-8-17**  
Duchesne County, Utah

Dear Mr. Guinn:

Newfield Production Company (Newfield) has satisfactorily fulfilled all the Environmental Protection Agency's (EPA) **Prior to Commencing Injection** requirements in the Canvasback Area Permit UT20855-00000 (Effective August 18, 2000), and the Additional Well to the Area Permit, UT20855-06520 (Effective March 22, 2005). All Prior to Injection Requirements, i.e., Part I (Internal) Mechanical Integrity Test, Well Rework Record (EPA Form No. 7520-12), and a pore pressure were reviewed and approved by the EPA on June 16, 2005.

Newfield, as of the date of this letter, is authorized to commence injection into the Canvasback Federal No. 13-23-8-17. There will be no limitation on the number of barrels of water that will be injected into the Green River Formation interval 4178 feet to the top of the Wasatch Formation which is estimated to be 6543 feet. Until such time that the permittee demonstrates through a Step-Rate Injectivity Test that the fracture gradient is other than 0.740 psi/ft, the Canvasback Federal No. 13-23-8-17 shall be operated at a **maximum allowable injection pressure no greater than 1365 psig.**

As of this approval, responsibility for Permit compliance and enforcement is transferred to the Region VIII UIC Technical Enforcement Program office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing your well name and UIC Permit number on all correspondence regarding this well:

RECEIVED  
JUL 05 2005

DIV. OF OIL, GAS & MINING

Mr. Nathan Wisner  
Technical Enforcement Program - UIC  
U.S. EPA Region VIII: Mail Code 8ENF-UFO  
999-18th Street - Suite 300  
Denver, CO 80202-2466  
Phone: 303-312-6211, or 1.800.227.8917 (Ext. 6211)

Please be reminded that it is your responsibility to be aware of and to comply with all conditions of Canvasback Area Permit UT20855-00000, and the well Permit UT20855-06520. If you have any questions in regard to the above action, please contact Dan Jackson at 303-312-6155 in the Denver area, or 1.800.227.8917 (Ext. 6155).

Sincerely,

  
for Tracy M. Eagle  
Director  
Ground Water Program

cc: 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  
Newfield Production Company  
Denver, CO 80202

Gil Hunt  
Technical Services Manager  
State of Utah - Natural Resources

Kirk Fleetwood  
Sr. Petroleum Engineer  
Bureau of Land Management  
Vernal District

Nathan Wiser  
8ENF-UFO

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well    Gas Well    Other   Injection well

2. Name of Operator  
 Newfield Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 306 FSL 642 FWL  
 SW/SW   Section 23 T8S R17E

5. Lease Serial No.  
 UTU76239

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 FEDERAL 13-23-8-17

9. API Well No.  
 4301332340

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 7/7/05.

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

RECEIVED  
JUL 12 2005  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 07/08/2005

**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:  
UTU76239

**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:  
CANVASBACK UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER Injection well

8. WELL NAME and NUMBER:  
FEDERAL 13-23-8-17

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4301332340

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: 306 FSL 642 FWL COUNTY: Duchesne

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SW/SW, 23, 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  _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Step Rate Test
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  12/09/2005			

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 8, 2005. Results from the test indicate that the fracture gradient is .671 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1130 psi.

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

NAME (PLEASE PRINT) Cheyenne Batemen

TITLE Well Analyst Foreman

SIGNATURE

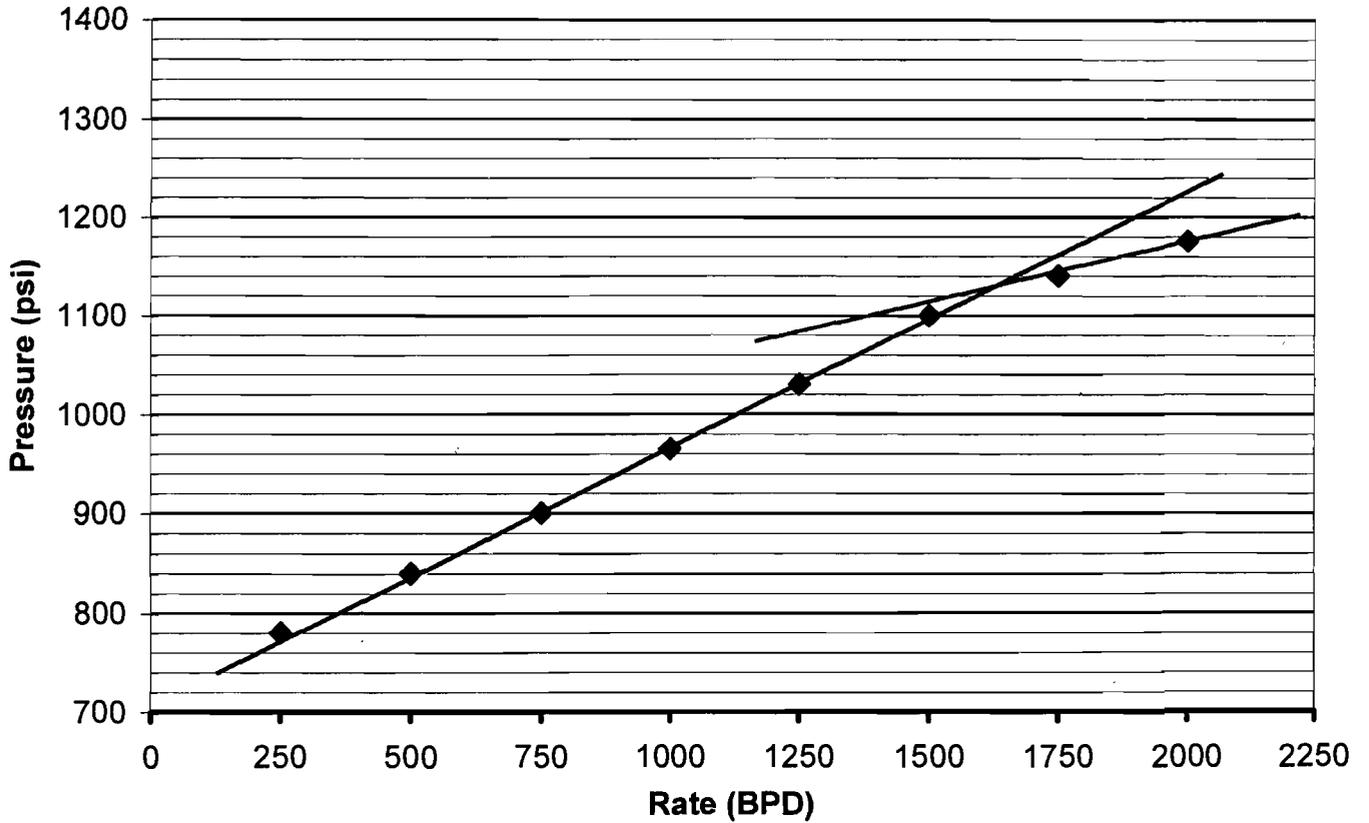


DATE 12/09/2005

(This space for State use only)

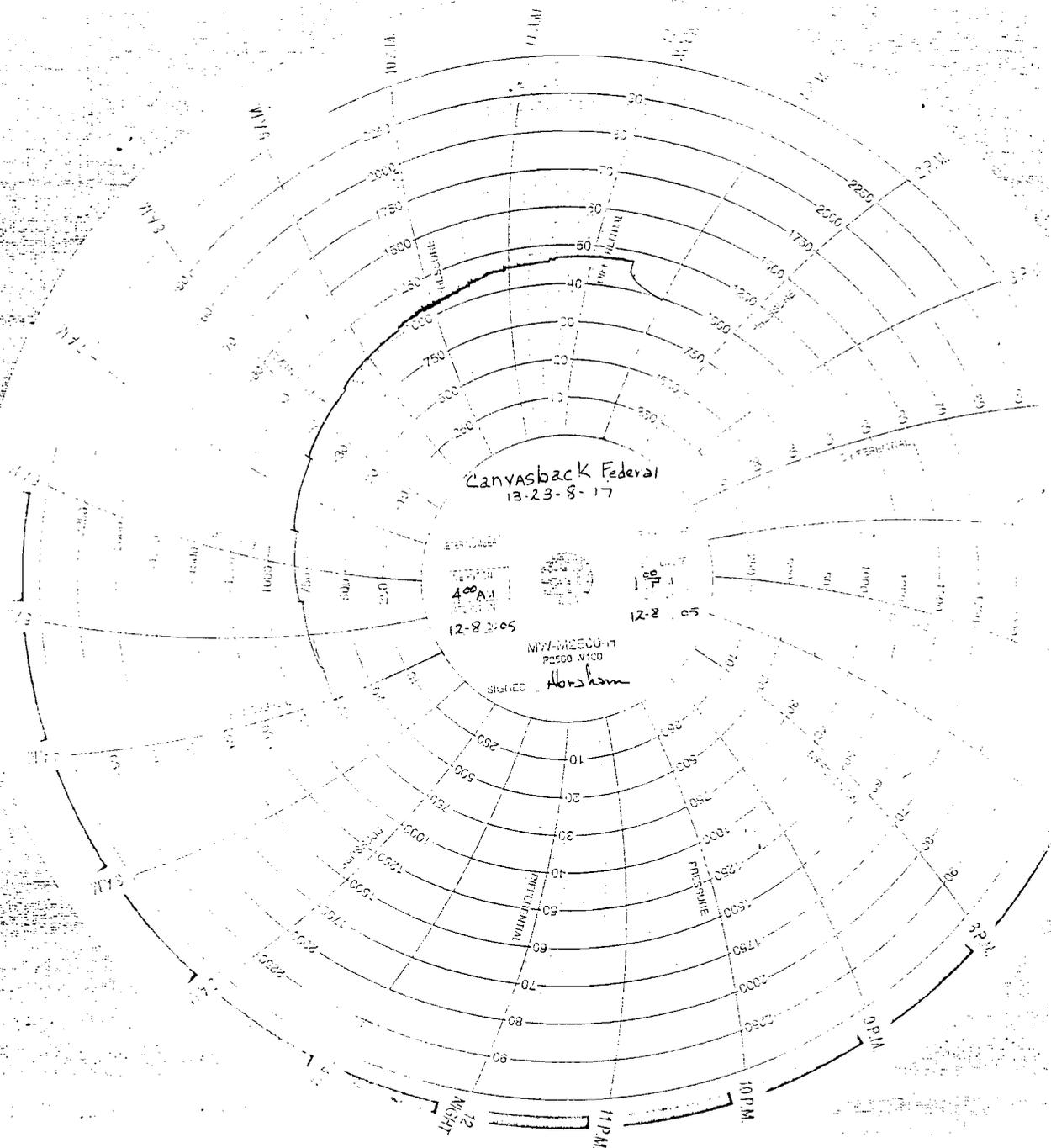
**RECEIVED**  
**DEC 09 2005**  
DIV. OF OIL, GAS & MINING

**Canvasback Federal 13-23-8-17**  
**Canvasback Unit**  
**Step Rate Test**  
**December 8, 2005**



**Start Pressure:** 750 psi  
**Instantaneous Shut In Pressure (ISIP):** 1135 psi  
**Top Perforation:** 4786 feet  
**Fracture pressure (Pfp):** 1130 psi  
**FG:** 0.671 psi/ft

<b>Step</b>	<b>Rate(bpd)</b>	<b>Pressure(psi)</b>
1	250	780
2	500	840
3	750	900
4	1000	965
5	1250	1030
6	1500	1100
7	1750	1140
8	2000	1175



Canyonback Federal  
13-23-8-17

400 A  
12-8-05

12-8-05

MW-M2500-17  
20500 W/100  
SIGNED: Hershman

12 MIGHT

11 P.M.

10 P.M.

9 P.M.

8 P.M.

7 P.M.

6 P.M.

5 P.M.

4 P.M.

3 P.M.

2 P.M.

1 P.M.

10 P.M.

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-76239

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:  
GMBU

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 13-23-8-17

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332340

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: 306 FSL 642 FWL COUNTY: DUCHESNE  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 23, 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: 04/23/2010	<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 04/14/2010 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 04/23/2010 the casing was pressured up to 1590 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1047 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20855-06520 API# 43-013-32340

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

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

SIGNATURE *Lucy Chavez-Naupoto* DATE 04/26/2010

(This space for State use only)

**RECEIVED**

**APR 28 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 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 04 / 23 / 2010  
 Test conducted by: Lynn Monson  
 Others present: \_\_\_\_\_

Well Name: <u>Federal 13-23-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW/SW</u> Sec: <u>23</u> T <u>8</u> N <u>16</u> R <u>17</u> E/W County: <u>Duchesne</u> State: <u>Ut</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>06 / 09 / 2005</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

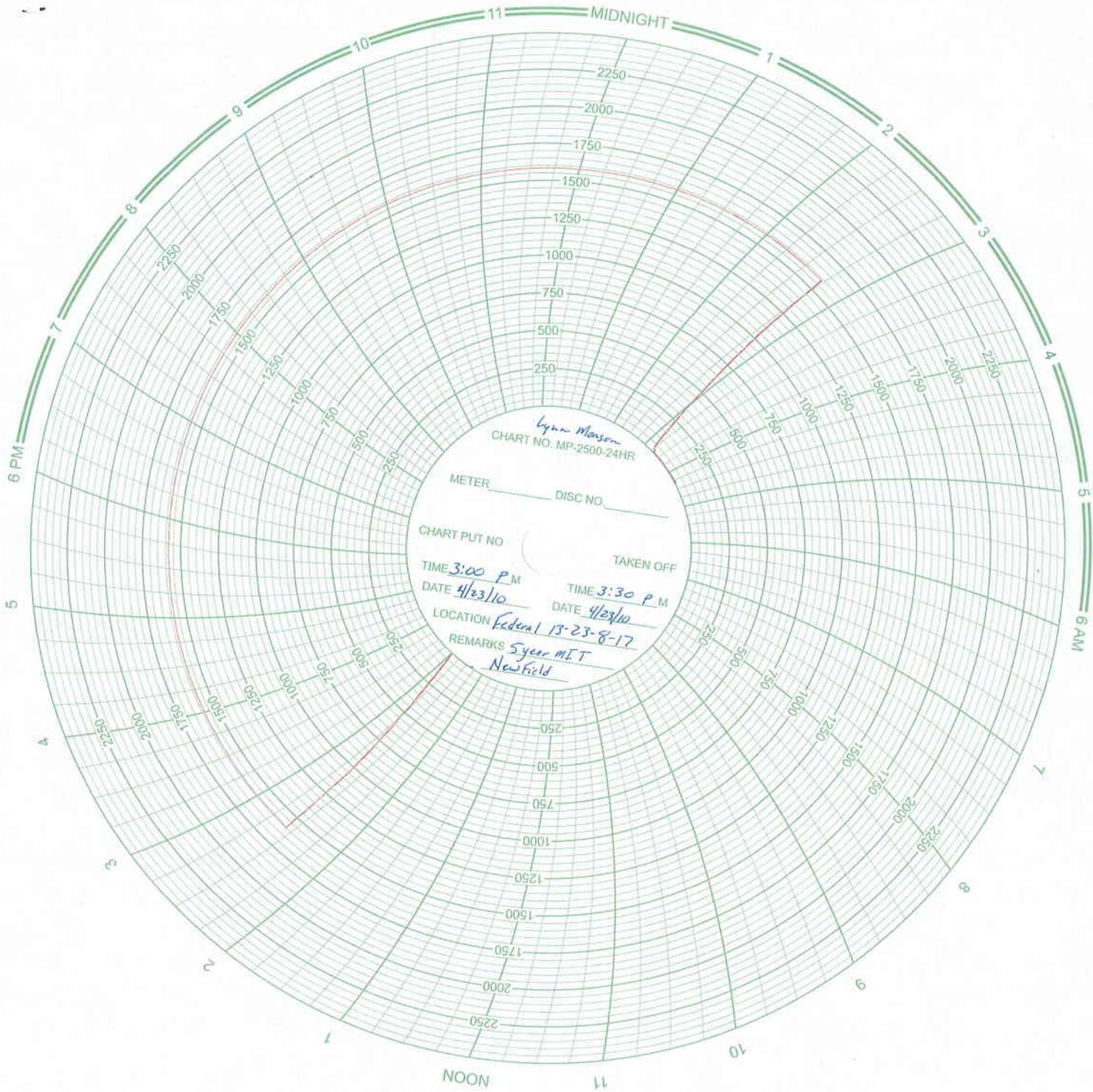
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1047</u> psig	psig	psig
End of test pressure	<u>1047</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1590</u> psig	psig	psig
5 minutes	<u>1590</u> psig	psig	psig
10 minutes	<u>1590</u> psig	psig	psig
15 minutes	<u>1590</u> psig	psig	psig
20 minutes	<u>1590</u> psig	psig	psig
25 minutes	<u>1590</u> psig	psig	psig
30 minutes	<u>1590</u> psig	psig	psig
_____ minutes	_____ psig	psig	psig
_____ minutes	_____ psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

## MECHANICAL INTEGRITY PRESSURE TEST

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

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



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

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USA UTU-76239

**SUNDRY NOTICES AND REPORTS ON WELLS**

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7. UNIT or CA AGREEMENT NAME:  
GMBU

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 13-23-8-17

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332340

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: 306 FSL 642 FWL COUNTY: DUCHESNE  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 23, 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  01/27/2011	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input 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 January 27, 2011. Results from the test indicate that the fracture gradient is 0.755 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1110 psi to 1510 psi.

EPA: UT20855-06520 API: 43-013-32340

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

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

SIGNATURE  DATE 01/31/2011

(This space for State use only)

**RECEIVED  
FEB 03 2011  
DIV. OF OIL, GAS & MINING**

# Step Rate Test (SRT) Analysis

Date: 01/28/2011

Operator: Newfield Production Company

Well: Canvasback Federal 13-23-8-17

Permit #: UT20855-06520

**Enter the following data :**

Specific Gravity (sg) of injectate =	<u>1.015</u>	g/cc	
Depth to top perforation (D) =	<u>4786</u>	feet	4786
Top of permitted injection zone depth (blank=use top perforation to calculate fg) =		feet	
Estimated Formation Parting Pressure (Pfp) from SRT chart =	<u>1510</u>	psi	
Instantaneous Shut In Pressure (ISIP) from SRT =	<u>1538</u>	psi	1510
Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder =		psi	no downhole

## Part One - Calculation of Fracture Gradient (fg)

**Calculated Fracture Gradient = 0.755 psi/ft.**

where: fg = Pbhp / D (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1538

D = depth used = 4786

Pbhp used = 3613

**Calculated Bottom Hole Parting Pressure (Pbhp) = 3613 psi**

3613.423

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 = 1510

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

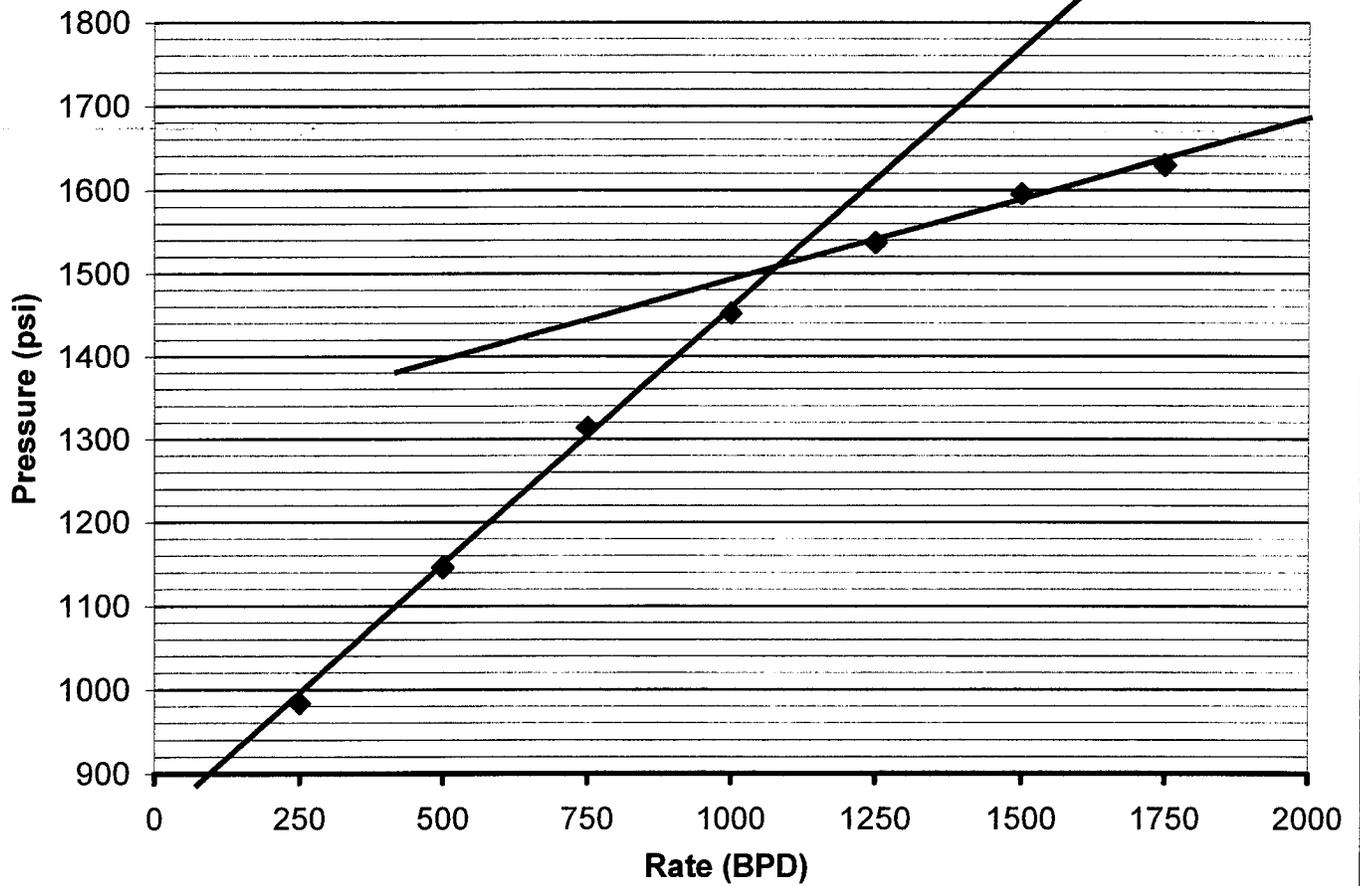
**Maximum Allowable Injection Pressure (MAIP) = 1510 psig**

D = depth used = 4786

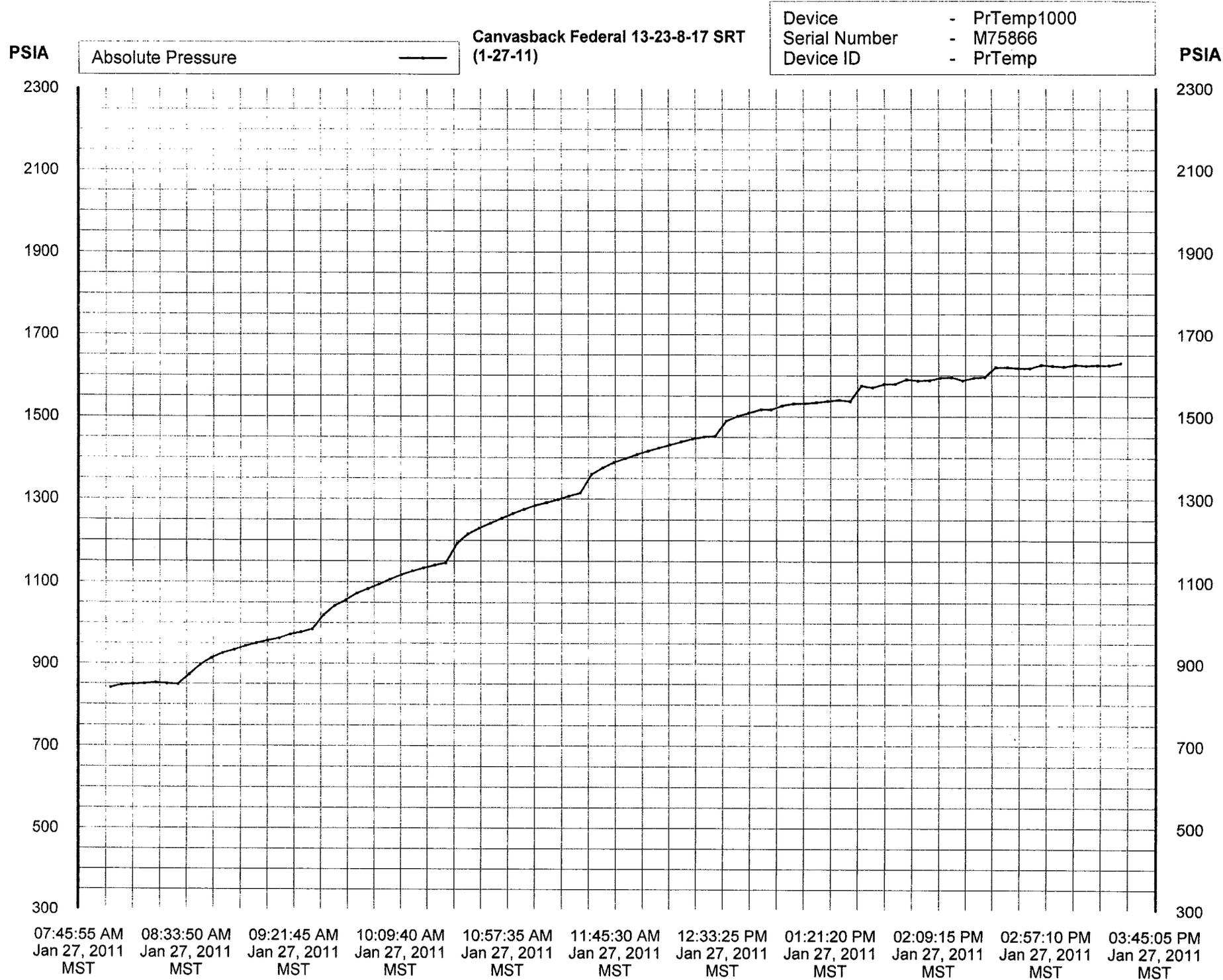
MAIP = fg \* (0.433 \* SG) \* D = 1510.007

(rounded down to nearest 5 psig)

**Canvasback Federal 13-23-8-17  
Greater Monument Butte Unit  
Step Rate Test  
January 27, 2011**



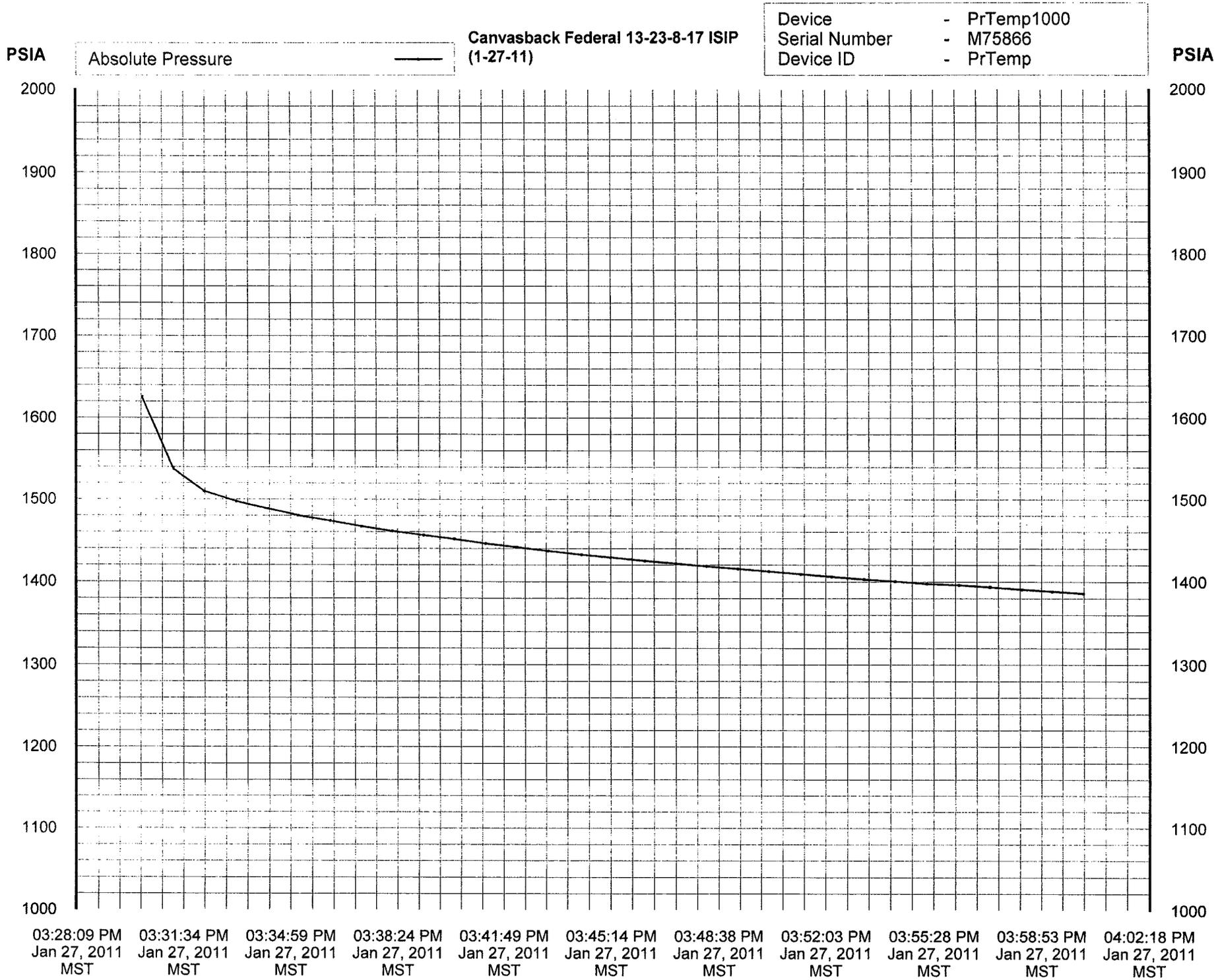
		<b>Step</b>	<b>Rate(bpd)</b>	<b>Pressure(psi)</b>
<b>Start Pressure:</b>	849 psi	1	250	984
<b>Instantaneous Shut In Pressure (ISIP):</b>	1538 psi	2	500	1146
<b>Top Perforation:</b>	4786 feet	3	750	1314
<b>Fracture pressure (Pfp):</b>	1510 psi	4	1000	1452
<b>FG:</b>	0.755 psi/ft	5	1250	1537
		6	1500	1596
		7	1750	1630



Report Name: PrTemp1000 Data Table  
 Report Date: Jan 28, 2011 08:05:53 AM MST  
 File Name: C:\Program Files\PTC@ Instruments 2.00\Federal 13-23-8-17 SRT (1-27-11).csv  
 Title: Canvasback Federal 13-23-8-17 SRT (1-27-11)  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: M75866  
 Device ID: PrTemp  
 Data Start Date: Jan 27, 2011 08:00:00 AM MST  
 Data End Date: Jan 27, 2011 03:30:00 PM MST  
 Reading Rate: 2 Seconds  
 Readings: 1 to 91 of 91  
 Last Calibration Date: May 22, 2009  
 Next Calibration Date: May 22, 2010

<u>Reading</u>	<u>Date and Time (MST)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Jan 27, 2011 08:00:00 AM	840.400	PSIA
2	Jan 27, 2011 08:05:00 AM	847.000	PSIA
3	Jan 27, 2011 08:10:00 AM	849.200	PSIA
4	Jan 27, 2011 08:15:00 AM	850.000	PSIA
5	Jan 27, 2011 08:20:00 AM	852.600	PSIA
6	Jan 27, 2011 08:25:00 AM	850.600	PSIA
7	Jan 27, 2011 08:30:00 AM	848.600	PSIA
8	Jan 27, 2011 08:35:00 AM	872.600	PSIA
9	Jan 27, 2011 08:40:00 AM	896.800	PSIA
10	Jan 27, 2011 08:45:00 AM	913.400	PSIA
11	Jan 27, 2011 08:50:00 AM	925.800	PSIA
12	Jan 27, 2011 08:55:00 AM	933.600	PSIA
13	Jan 27, 2011 09:00:00 AM	943.200	PSIA
14	Jan 27, 2011 09:05:00 AM	950.200	PSIA
15	Jan 27, 2011 09:10:00 AM	956.200	PSIA
16	Jan 27, 2011 09:15:05 AM	962.000	PSIA
17	Jan 27, 2011 09:20:00 AM	971.400	PSIA
18	Jan 27, 2011 09:25:00 AM	977.200	PSIA
19	Jan 27, 2011 09:30:00 AM	984.200	PSIA
20	Jan 27, 2011 09:35:00 AM	1019.000	PSIA
21	Jan 27, 2011 09:40:00 AM	1041.800	PSIA
22	Jan 27, 2011 09:45:00 AM	1055.200	PSIA
23	Jan 27, 2011 09:50:00 AM	1072.000	PSIA
24	Jan 27, 2011 09:55:00 AM	1083.400	PSIA
25	Jan 27, 2011 10:00:00 AM	1094.200	PSIA
26	Jan 27, 2011 10:05:00 AM	1105.800	PSIA
27	Jan 27, 2011 10:10:00 AM	1117.400	PSIA
28	Jan 27, 2011 10:15:00 AM	1126.200	PSIA
29	Jan 27, 2011 10:20:00 AM	1134.000	PSIA
30	Jan 27, 2011 10:25:00 AM	1140.600	PSIA
31	Jan 27, 2011 10:30:00 AM	1146.000	PSIA
32	Jan 27, 2011 10:35:00 AM	1193.200	PSIA
33	Jan 27, 2011 10:40:00 AM	1215.200	PSIA
34	Jan 27, 2011 10:45:00 AM	1229.600	PSIA
35	Jan 27, 2011 10:50:00 AM	1241.200	PSIA
36	Jan 27, 2011 10:55:00 AM	1252.800	PSIA
37	Jan 27, 2011 11:00:00 AM	1264.800	PSIA
38	Jan 27, 2011 11:05:00 AM	1274.800	PSIA
39	Jan 27, 2011 11:10:00 AM	1284.200	PSIA
40	Jan 27, 2011 11:15:00 AM	1291.000	PSIA
41	Jan 27, 2011 11:20:00 AM	1298.600	PSIA
42	Jan 27, 2011 11:25:00 AM	1306.400	PSIA
43	Jan 27, 2011 11:30:00 AM	1313.600	PSIA
44	Jan 27, 2011 11:35:00 AM	1359.200	PSIA
45	Jan 27, 2011 11:40:00 AM	1374.800	PSIA
46	Jan 27, 2011 11:45:02 AM	1388.400	PSIA
47	Jan 27, 2011 11:50:05 AM	1397.800	PSIA
48	Jan 27, 2011 11:55:13 AM	1407.400	PSIA
49	Jan 27, 2011 12:00:05 PM	1415.400	PSIA
50	Jan 27, 2011 12:05:00 PM	1423.600	PSIA
51	Jan 27, 2011 12:10:00 PM	1431.200	PSIA
52	Jan 27, 2011 12:15:00 PM	1438.200	PSIA
53	Jan 27, 2011 12:20:17 PM	1445.800	PSIA
54	Jan 27, 2011 12:25:07 PM	1450.400	PSIA
55	Jan 27, 2011 12:30:04 PM	1452.200	PSIA
56	Jan 27, 2011 12:35:00 PM	1489.600	PSIA
57	Jan 27, 2011 12:40:07 PM	1501.200	PSIA
58	Jan 27, 2011 12:45:00 PM	1508.600	PSIA
59	Jan 27, 2011 12:50:35 PM	1517.000	PSIA
60	Jan 27, 2011 12:55:00 PM	1516.800	PSIA

61	Jan 27, 2011 01:00:00 PM	1526.200	PSIA
62	Jan 27, 2011 01:05:00 PM	1531.400	PSIA
63	Jan 27, 2011 01:10:00 PM	1532.000	PSIA
64	Jan 27, 2011 01:15:00 PM	1534.000	PSIA
65	Jan 27, 2011 01:20:00 PM	1537.400	PSIA
66	Jan 27, 2011 01:25:00 PM	1540.000	PSIA
67	Jan 27, 2011 01:30:00 PM	1537.200	PSIA
68	Jan 27, 2011 01:35:00 PM	1574.200	PSIA
69	Jan 27, 2011 01:40:00 PM	1570.400	PSIA
70	Jan 27, 2011 01:45:00 PM	1578.400	PSIA
71	Jan 27, 2011 01:50:00 PM	1578.800	PSIA
72	Jan 27, 2011 01:55:00 PM	1590.000	PSIA
73	Jan 27, 2011 02:00:00 PM	1587.000	PSIA
74	Jan 27, 2011 02:05:15 PM	1588.000	PSIA
75	Jan 27, 2011 02:10:00 PM	1594.000	PSIA
76	Jan 27, 2011 02:15:00 PM	1595.600	PSIA
77	Jan 27, 2011 02:20:00 PM	1587.400	PSIA
78	Jan 27, 2011 02:25:00 PM	1594.200	PSIA
79	Jan 27, 2011 02:30:00 PM	1596.200	PSIA
80	Jan 27, 2011 02:35:00 PM	1619.600	PSIA
81	Jan 27, 2011 02:40:00 PM	1619.400	PSIA
82	Jan 27, 2011 02:45:00 PM	1617.600	PSIA
83	Jan 27, 2011 02:50:00 PM	1617.200	PSIA
84	Jan 27, 2011 02:55:00 PM	1625.800	PSIA
85	Jan 27, 2011 03:00:00 PM	1623.400	PSIA
86	Jan 27, 2011 03:05:00 PM	1621.600	PSIA
87	Jan 27, 2011 03:10:00 PM	1625.800	PSIA
88	Jan 27, 2011 03:15:00 PM	1623.800	PSIA
89	Jan 27, 2011 03:20:00 PM	1625.400	PSIA
90	Jan 27, 2011 03:25:00 PM	1625.200	PSIA
91	Jan 27, 2011 03:30:00 PM	1630.200	PSIA



Report Name: PrTemp1000 Data Table  
 Report Date: Jan 28, 2011 08:05:43 AM MST  
 File Name: C:\Program Files\PTC@ Instruments 2.00\Federal 13-23-8-17 ISIP (1-27-11).csv  
 Title: Canvasback Federal 13-23-8-17 ISIP (1-27-11)  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: M75866  
 Device ID: PrTemp  
 Data Start Date: Jan 27, 2011 03:30:14 PM MST  
 Data End Date: Jan 27, 2011 04:00:14 PM MST  
 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 (MST)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Jan 27, 2011 03:30:14 PM	1625.600	PSIA
2	Jan 27, 2011 03:31:14 PM	1537.600	PSIA
3	Jan 27, 2011 03:32:13 PM	1509.800	PSIA
4	Jan 27, 2011 03:33:14 PM	1497.600	PSIA
5	Jan 27, 2011 03:34:14 PM	1488.400	PSIA
6	Jan 27, 2011 03:35:13 PM	1480.200	PSIA
7	Jan 27, 2011 03:36:14 PM	1473.400	PSIA
8	Jan 27, 2011 03:37:14 PM	1466.600	PSIA
9	Jan 27, 2011 03:38:14 PM	1461.000	PSIA
10	Jan 27, 2011 03:39:14 PM	1456.000	PSIA
11	Jan 27, 2011 03:40:14 PM	1451.200	PSIA
12	Jan 27, 2011 03:41:14 PM	1445.800	PSIA
13	Jan 27, 2011 03:42:14 PM	1441.400	PSIA
14	Jan 27, 2011 03:43:14 PM	1436.800	PSIA
15	Jan 27, 2011 03:44:18 PM	1432.400	PSIA
16	Jan 27, 2011 03:45:14 PM	1429.000	PSIA
17	Jan 27, 2011 03:46:18 PM	1424.800	PSIA
18	Jan 27, 2011 03:47:16 PM	1421.800	PSIA
19	Jan 27, 2011 03:48:15 PM	1418.600	PSIA
20	Jan 27, 2011 03:49:15 PM	1415.400	PSIA
21	Jan 27, 2011 03:50:15 PM	1412.400	PSIA
22	Jan 27, 2011 03:51:16 PM	1409.000	PSIA
23	Jan 27, 2011 03:52:15 PM	1406.000	PSIA
24	Jan 27, 2011 03:53:16 PM	1403.000	PSIA
25	Jan 27, 2011 03:54:15 PM	1400.600	PSIA
26	Jan 27, 2011 03:55:15 PM	1397.600	PSIA
27	Jan 27, 2011 03:56:16 PM	1396.000	PSIA
28	Jan 27, 2011 03:57:15 PM	1393.600	PSIA
29	Jan 27, 2011 03:58:16 PM	1390.600	PSIA
30	Jan 27, 2011 03:59:14 PM	1388.400	PSIA
31	Jan 27, 2011 04:00:14 PM	1386.000	PSIA

## Canvasback Federal 13-23-8-17 Rate Sheet (1-27-11)

<i>Step # 1</i>	Time	8:35	8:40	8:45	8:50	8:55	9:00
	Rate	250.8	250.8	250.7	250.7	250.6	250.6
	Time	9:05	9:10	9:15	9:20	9:25	9:30
	Rate	250.6	250.6	250.5	250.5	250.5	250.5
<i>Step # 2</i>	Time	9:35	9:40	9:45	9:50	9:55	10:00
	Rate	500.5	500.5	500.5	500.5	500.4	500.4
	Time	10:05	10:10	10:15	10:20	10:25	10:30
	Rate	500.4	500.4	500.4	500.3	500.3	500.3
<i>Step # 3</i>	Time	10:35	10:40	10:45	10:50	10:55	11:00
	Rate	750.4	750.4	750.4	750.3	750.3	750.3
	Time	11:05	11:10	11:15	11:20	11:25	11:30
	Rate	750.2	750.2	750.1	750.1	750.1	750.1
<i>Step # 4</i>	Time	11:35	11:40	11:45	11:50	11:55	12:00
	Rate	1000.6	1000.6	1000.5	1000.5	1000.5	1000.5
	Time	12:05	12:10	12:15	12:20	12:25	12:30
	Rate	1000.5	1000.4	1000.4	1000.3	1000.3	1000.3
<i>Step # 5</i>	Time	12:35	12:40	12:45	12:50	12:55	1:00
	Rate	1250.5	1250.5	1250.5	1250.5	1250.5	1250.3
	Time	1:05	1:10	1:15	1:20	1:25	1:30
	Rate	1250.3	1250.2	1250.2	1250.2	1250.2	1250.1
<i>Step # 6</i>	Time	1:35	1:40	1:45	1:50	1:55	2:00
	Rate	1500.7	1500.7	1500.6	1500.5	1500.5	1500.5
	Time	2:05	2:10	2:15	2:20	2:25	2:30
	Rate	1500.5	1500.5	1500.4	1500.4	1500.3	1500.3
<i>Step # 7</i>	Time	2:35	2:40	2:45	2:50	2:55	3:00
	Rate	1750.4	1750.4	1750.4	1750.4	1750.3	1750.3
	Time	3:05	3:10	3:15	3:20	3:25	3:30
	Rate	1750.3	1750.2	1750.2	1750.2	1750.1	1750.1
	Time						
	Rate						
	Time						
	Rate						

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-76239
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 13-23-8-17
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0306 FSL 0642 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 23 Township: 08.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013323400000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/23/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<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	
	OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> 5 YR MIT performed on the above listed well. On 03/23/2015 the casing was pressured up to 1069 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1327 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-06520		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          March 24, 2015</b>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/24/2015	

# Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: \_\_\_\_\_ Date: 3/23/15  
 Test conducted by: Johnny Daniels  
 Others present: \_\_\_\_\_

Well Name: <u>Federal 13-238-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GMBU</u>		
Location: <u>SW/SW</u> Sec: <u>23</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>NFF</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 [x] No  
 Test after well rework? [ ] Yes [x] No  
 Well injecting during test? [x] Yes [ ] No      If Yes, rate: 27 bpd

Pre-test casing/tubing annulus pressure: 1070 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1327</u> psig	psig	psig
End of test pressure	<u>1327</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1070</u> psig	psig	psig
5 minutes	<u>1070</u> psig	psig	psig
10 minutes	<u>1070</u> psig	psig	psig
15 minutes	<u>1069</u> psig	psig	psig
20 minutes	<u>1070</u> psig	psig	psig
25 minutes	<u>1069</u> psig	psig	psig
30 minutes	<u>1069</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

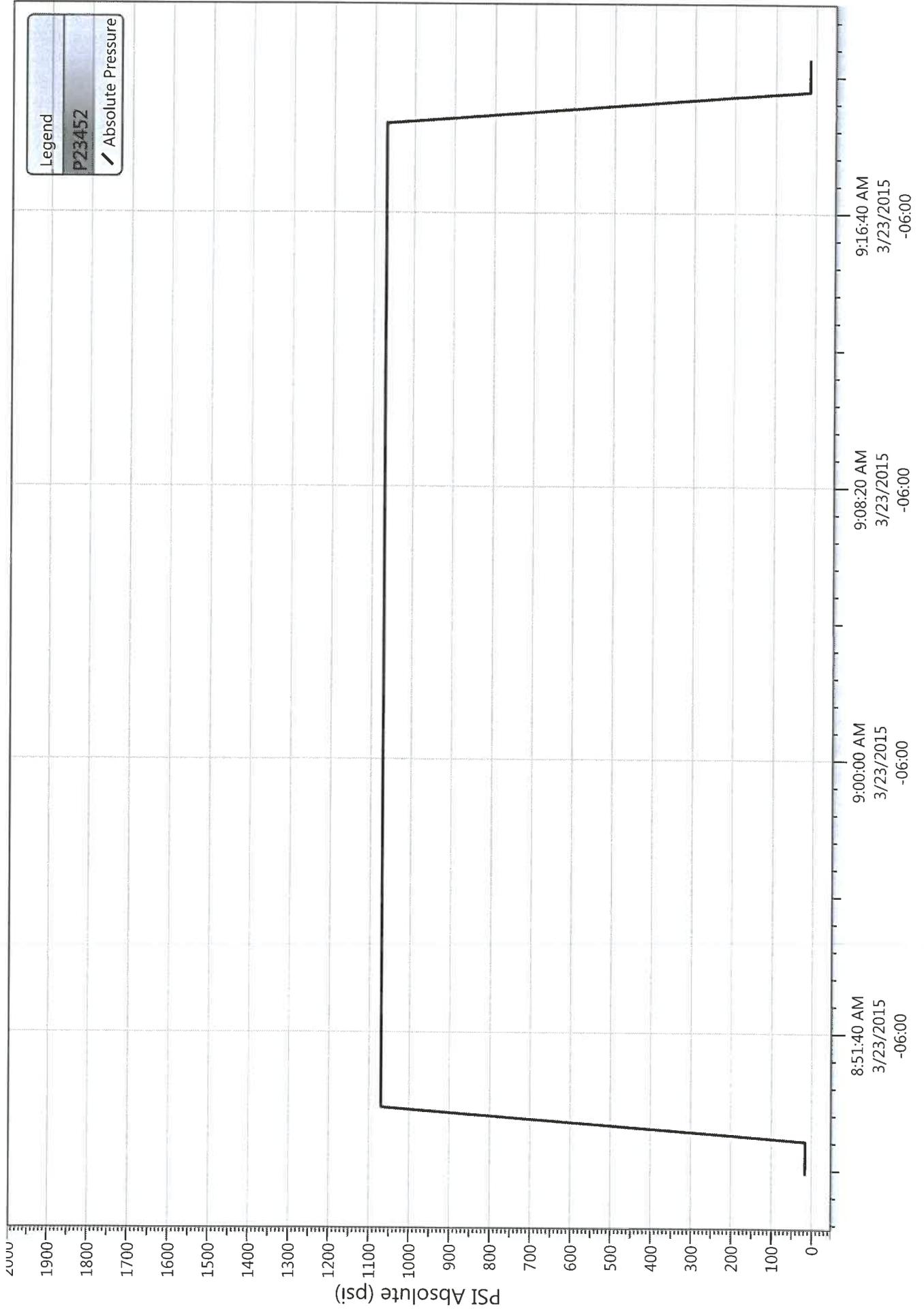
Does the annulus pressure build back up after the test? [ ] Yes  No

## MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: Johnny Daniels

federal 13-23-8-17  
3/23/2015 8:46:55 AM



**NEWFIELD**

**Schematic**

43-013-32340

Well Name: Federal 13-23-8-17

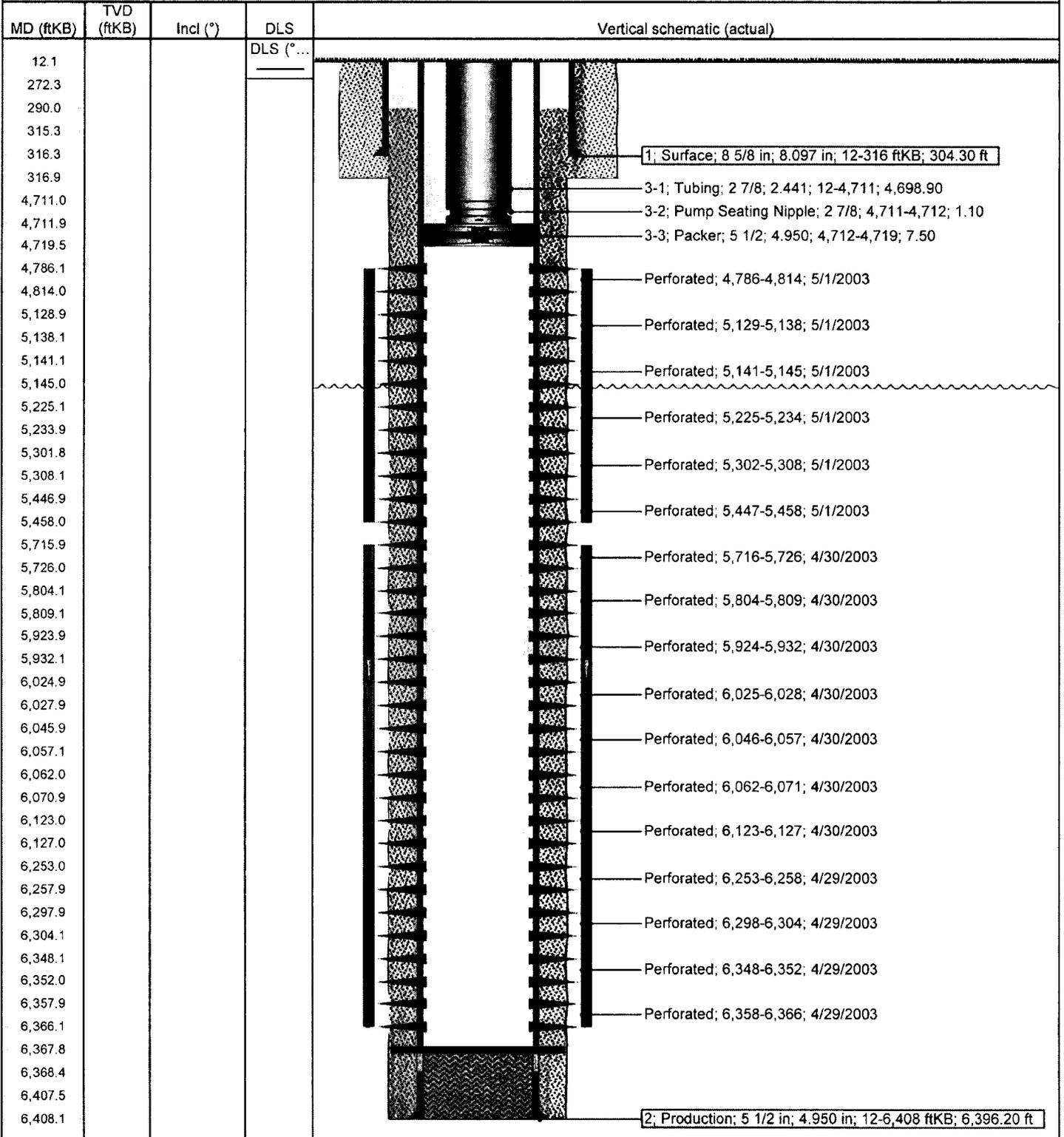
Surface Legal Location 23-8S-17E			API/UWI 43013323400000	Well RC 500151227	Lease	State/Province Utah	Field Name GMBU CTB9	County Duchesne
Spud Date 4/9/2003	Rig Release Date 4/19/2003	On Production Date 5/6/2003	Original KB Elevation (ft) 5,159	Ground Elevation (ft) 5,147	Total Depth All (TVD) (ftKB)		PBTO (All) (ftKB) Original Hole - 6,367.8	

**Most Recent Job**

Job Category Testing	Primary Job Type	Secondary Job Type N/A	Job Start Date 3/23/2015	Job End Date 3/23/2015
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TD: 6,408.2

Vertical - Original Hole, 3/3/2016 3:15:34 PM





## Newfield Wellbore Diagram Data Federal 13-23-8-17

Surface Legal Location 23-8S-17E		API/UWI 43013323400000		Lease	
County Duchesne		State/Province Utah		Basin	
Well Start Date 4/9/2003		Spud Date 4/9/2003		Final Rig Release Date 4/19/2003	
Original KB Elevation (ft) 5,159		Ground Elevation (ft) 5,147		Total Depth (ftKB) 6,408.2	
				Total Depth All (TVD) (ftKB) Original Hole - 6,367.8	

### Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	4/9/2003	8 5/8	8.097	24.00	J-55	316
Production	4/18/2003	5 1/2	4.950	15.50	J-55	6,408

### Cement

#### String: Surface, 316ftKB 4/10/2003

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 317.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield		Fluid Type Lead	Amount (sacks) 140	Class G	Estimated Top (ftKB) 12.0

#### String: Production, 6,408ftKB 4/18/2003

Cementing Company BJ Services Company		Top Depth (ftKB) 290.0	Bottom Depth (ftKB) 6,408.2	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premilite II w/ 10% gel + 3% KCL, 3#/s/sk CSE + 2# sk/kolseal + 1/4#/s/sk Cello Flake		Fluid Type Lead	Amount (sacks) 320	Class PL II	Estimated Top (ftKB) 290.0
Fluid Description 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		Fluid Type Tail	Amount (sacks) 400	Class 50/50 Poz	Estimated Top (ftKB) 3,000.0

### Tubing Strings

Tubing Description Tubing				Run Date 10/20/2010	Set Depth (ftKB) 4,719.5			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btn (ftKB)
Tubing	145	2 7/8	2.441	6.50	J-55	4,698.90	12.0	4,710.9
Pump Seating Nipple		2 7/8				1.10	4,710.9	4,712.0
Packer		5 1/2	4.950			7.50	4,712.0	4,719.5

### Rod Strings

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

### Perforation Intervals

Stage#	Zone	Top (ftKB)	Btn (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
6	PB7, Original Hole	4,786	4,814	4			5/1/2003
5	DS3, Original Hole	5,129	5,138	4			5/1/2003
5	DS3, Original Hole	5,141	5,145	4			5/1/2003
5	D2, Original Hole	5,225	5,234	4			5/1/2003
5	D3, Original Hole	5,302	5,308	4			5/1/2003
4	B .5, Original Hole	5,447	5,458	4			5/1/2003
3	Upper LODC, Original Hole	5,716	5,726	4			4/30/2003
3	BS, Original Hole	5,804	5,809	4			4/30/2003
2	Lower LODC, Original Hole	5,924	5,932	4			4/30/2003
2	CP .5, Original Hole	6,025	6,028	4			4/30/2003
2	CP1, Original Hole	6,046	6,057	4			4/30/2003
2	CP1, Original Hole	6,062	6,071	4			4/30/2003
2	CP2, Original Hole	6,123	6,127	4			4/30/2003
1	CP4, Original Hole	6,253	6,258	4			4/29/2003
1	CP4, Original Hole	6,298	6,304	4			4/29/2003
1	CP5, Original Hole	6,348	6,352	4			4/29/2003
1	CP5, Original Hole	6,358	6,366	4			4/29/2003

### Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,180	0.78	30.2	2,873			
2	1,890	0.75	30.8	3,482			
3	1,680	0.73	30.1	2,135			
4	1,580	0.72	30.6	2,325			
5	1,495	0.72	30.5	3,050			



**Stimulations & Treatments**

Stage#	iSIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
6	1,720	0.79	30.3	2,798			
7							
8							
9							

**Proppant**

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Bulk Sand 50714 lbs
2		Proppant Bulk Sand 120483 lbs
3		Proppant Bulk Sand 47868 lbs
4		Proppant Bulk Sand 34936 lbs
5		Proppant Bulk Sand 56300 lbs
6		Proppant Bulk Sand 50523 lbs
7		
8		
9		