



PRODUCTION COMPANY  
A Subsidiary of Inland Resources Inc.

May 29, 2001

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

RE: Application for Permit to Drill Well No: 4-8-9-17, 4-18-9-17, 12-7-9-17,  
and 13-7-9-17.

Dear Brad:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier  
Permit Clerk

mc  
enclosures

cc: Jon Holst  
Denver office well file  
Pleasant Valley well file

**RECEIVED**

MAY 30 2001

DIVISION OF  
OIL, GAS AND MINING

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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK <b>DRILL</b> <input type="checkbox"/> <b>DEEPEN</b> <input checked="" type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-64381</b>	
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"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>	
2. NAME OF OPERATOR <b>Inland Production Company</b>			7. UNIT AGREEMENT NAME <b>Beluga</b>	
3. ADDRESS OF OPERATOR <b>Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721</b>			8. FARM OR LEASE NAME WELL NO <b>13-7-9-17</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface <b>SW/SW 711' FWL 802' FSL</b> <span style="float:right"><b>4432456 N</b> <b>580609 E</b></span> At proposed Prod. Zone			9. API WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 19.5 miles south of Myton, Utah</b>			10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also t <b>Approx. 711' f/lse line &amp; 711' f/unit line</b>		16. NO. OF ACRES IN LEASE <b>2,223.13</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. 1,390'</b>		19. PROPOSED DEPTH <b>6500'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5383.7' GR</b>			22. APPROX. DATE WORK WILL START* <b>3rd Quarter 2001</b>	
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.

Approved by the  
Utah Division of  
Oil, Gas and Mining

**Federal Approval of this  
Action is Necessary**

Date: 5-31-01  
By: [Signature]

**RECEIVED**

MAY 29 2001

DIVISION OF  
OIL, GAS AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.  
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Permit Clerk DATE May 29, 2001

(This space for Federal or State office use)

PERMIT NO. 43-013-32276 APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

**\*See Instructions On Reverse Side**

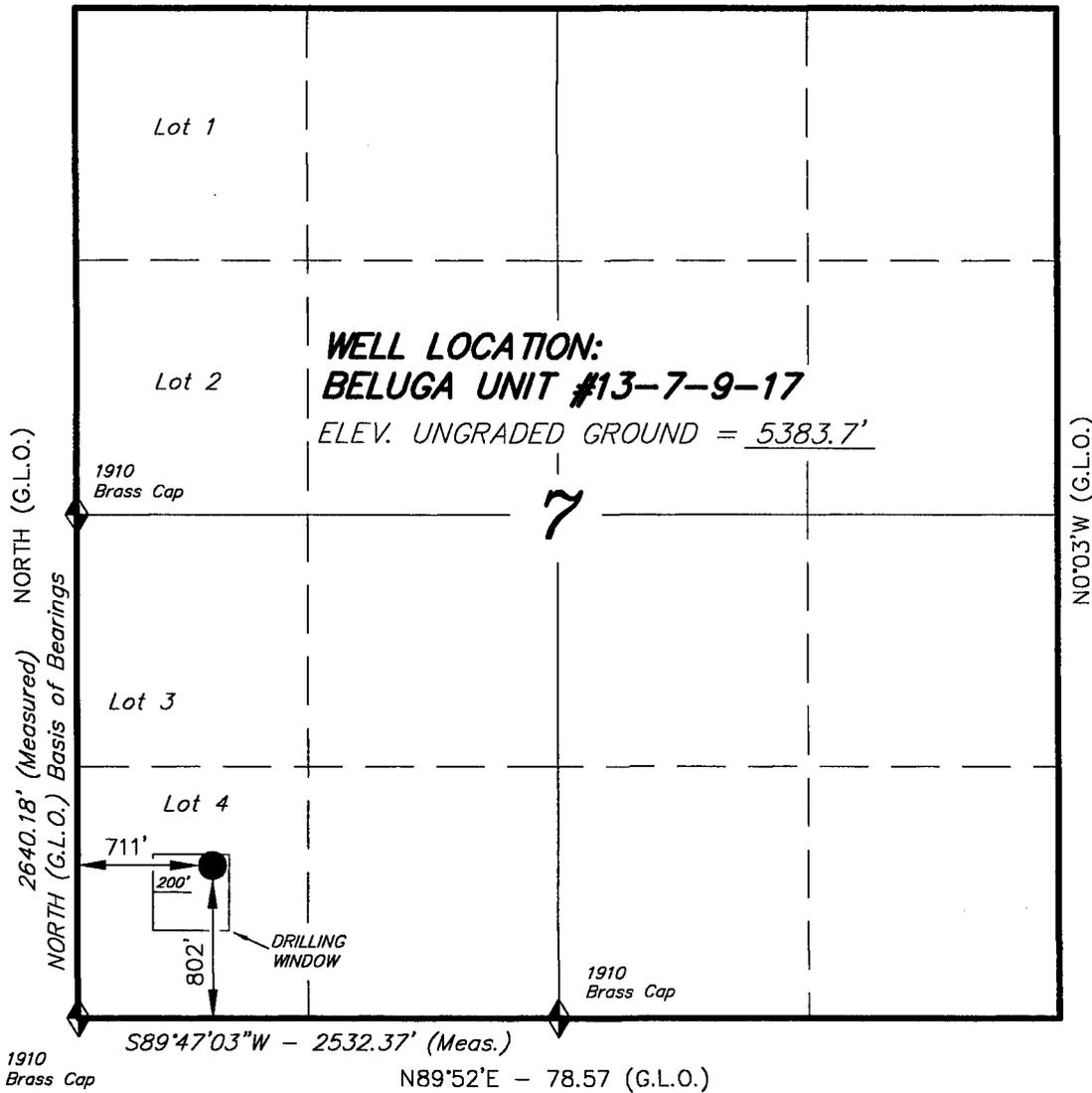
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

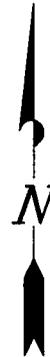
## INLAND PRODUCTION COMPANY

N89°55'E - 78.50 (G.L.O.)

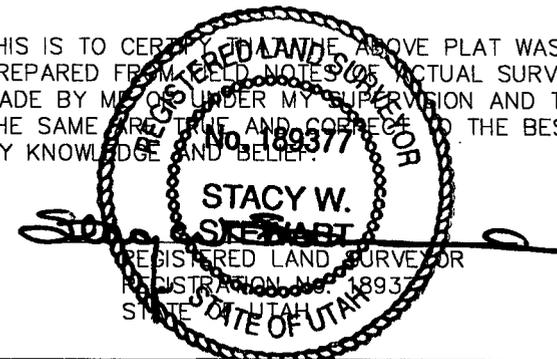
WELL LOCATION, BELUGA UNIT  
 #13-7-9-17, LOCATED AS SHOWN IN  
 LOT 4 OF SECTION 7, T9S, R17E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



N0°03'W (G.L.O.)



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.



### TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000'

SURVEYED BY: C.D.S. D.J.S.

DATE: 2-14-01

WEATHER: COLD

NOTES:

FILE #

◆ = SECTION CORNERS LOCATED

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

Well No.: Beluga Unit 13-7-9-17

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Beluga 13-7-9-17

API Number:

Lease Number: UTU-64381

Location: SW/SW Sec. 7, T9S, R17E

**GENERAL**

Access well pad from the north, off the access road for the proposed 13-7-9-17 well location.

**CULTURAL RESOURCES**

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

**PALEONTOLOGICAL RESOURCES**

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

**SOILS, WATERSHEDS, AND FLOODPLAINS**

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

**WILDLIFE AND FISHERIES**

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

**THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES**

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

**FERRUGINOUS HAWK:** Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between February 1 and May 30. If the nest remains inactive on May 30<sup>th</sup> (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date, but shall make practical efforts to build the location so that the well pad and access road are not visible from the nest site. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**MOUNTAIN PLOVER:** If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be completed prior to initiating new construction or surface disturbing activities (see Survey Protocol COAs EA Number 1996-61).

#### **OTHER**

Installation of the surface gas pipeline and any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

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

The installation of any buried pipelines will disturb as little surface as possible and will not exceed 60 feet in width. Reclamation of the water line area will be completed within 10 days after installation. The surface will be recontoured to natural or near natural contours. Reseeding will be with the same seed mixture specified for reclamation of the well site. The interface of the buried line disturbance area and the edge of any adjacent access roads will be constructed with a borrow ditch and road berm to minimize vehicular travel along the water line route.

INLAND PRODUCTION COMPANY  
BELUGA #13-7-9-17  
SW/SW SECTION 7, T9S, 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  
BELUGA #13-7-9-17  
SW/SW SECTION 7, T9S, 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 Beluga # 13-7-9-17 located in the SW 1/4 SW 1/4 Section 7, T9S, 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 southerly along Hwy 53 - 14.6 miles  $\pm$  to its junction with an existing dirt road to the southeast; proceed southeasterly 3.3 miles  $\pm$  to its junction with an existing jeep trail; proceed northerly on the jeep trail 0.8 miles  $\pm$  the beginning of the proposed access road to the proposed well location.

**2. PLANNED ACCESS ROAD**

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

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

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

**5. LOCATION AND TYPE OF WATER SUPPLY**

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

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and the Paleontological Resource Survey for this area is attached.

Inland Production Company requests a 60' ROW for the Beluga #13-7-9-17 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

Inland Production Company also requests a 60' ROW be granted for the Beluga #13-7-9-17 to allow for construction of a 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."**

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

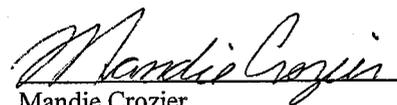
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #13-7-9-17 SW/SW Section 7, Township 9S, Range 17E: Lease UTU-64381 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

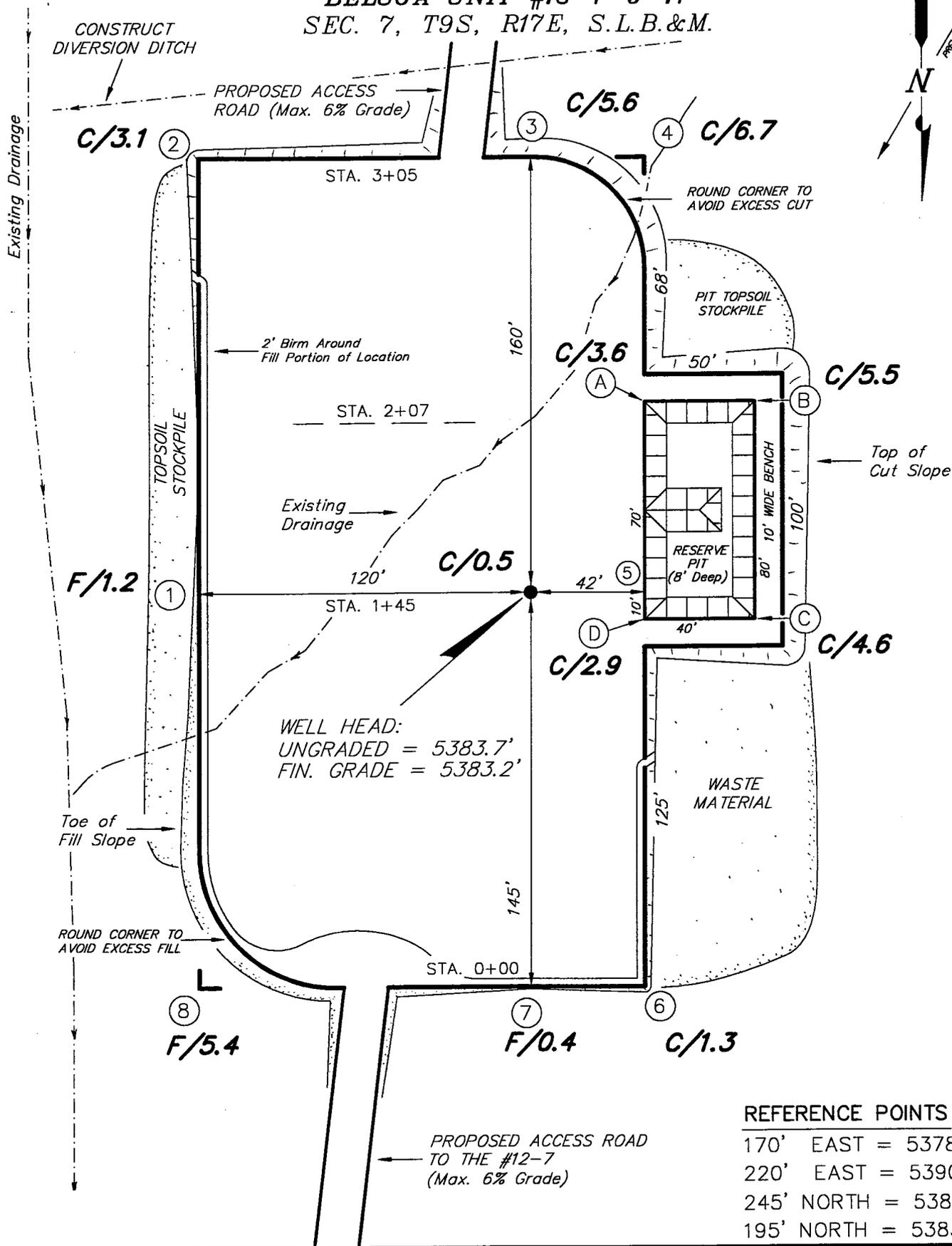
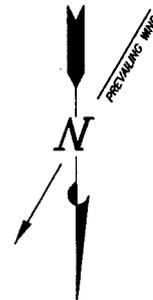
May 29, 2001

Date

  
Mandie Crozier  
Permit Clerk

# INLAND PRODUCTION COMPANY

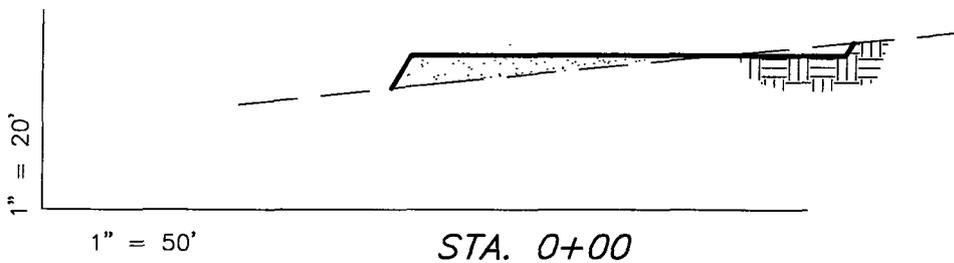
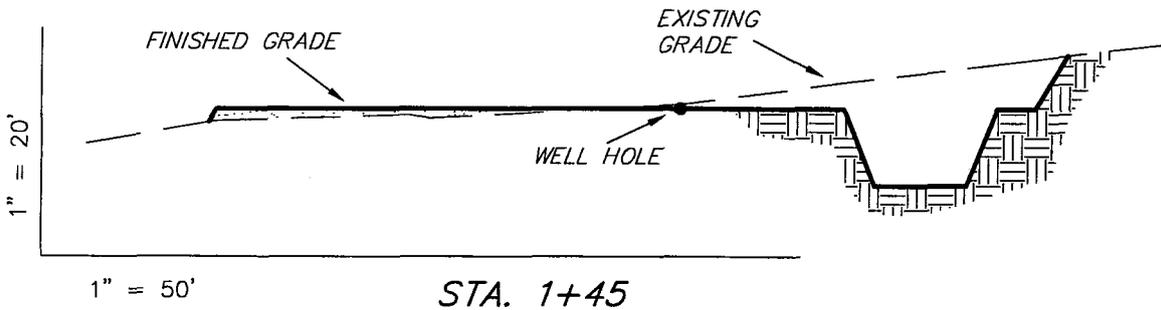
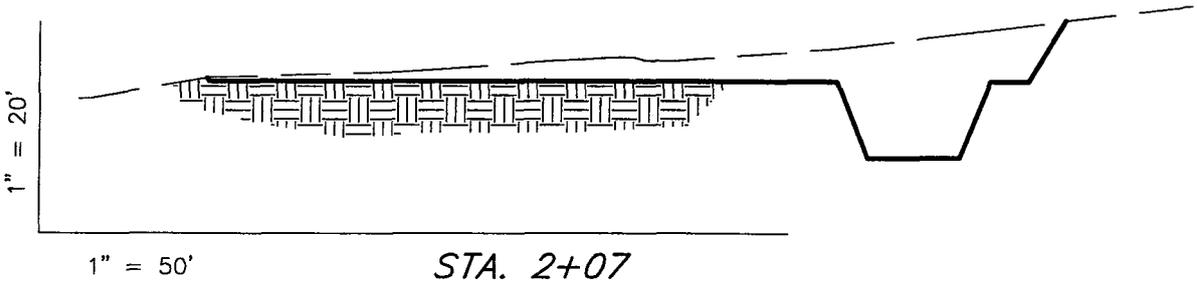
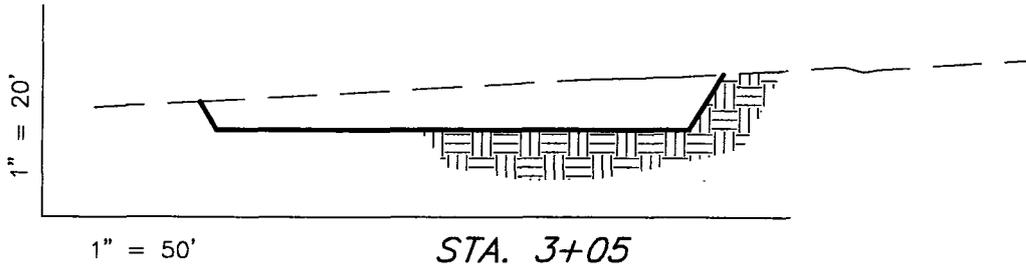
**BELUGA UNIT #13-7-9-17**  
 SEC. 7, T9S, R17E, S.L.B.&M.



SURVEYED BY: C.D.S.	SCALE: 1" = 50'	<p style="font-size: small;">(435) 781-2501                  38 WEST 100 NORTH VERNAL, UTAH 84078</p>
DRAWN BY: J.R.S.	DATE: 2-14-01	

**INLAND PRODUCTION COMPANY**  
**CROSS SECTIONS**

**BELUGA UNIT #13-7-9-17**



**APPROXIMATE YARDAGES**

CUT = 2,900 Cu. Yds.  
 FILL = 1,690 Cu. Yds.  
 PIT = 640 Cu. Yds.  
 6" TOPSOIL = 1,010 Cu. Yds.

SURVEYED BY: C.D.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

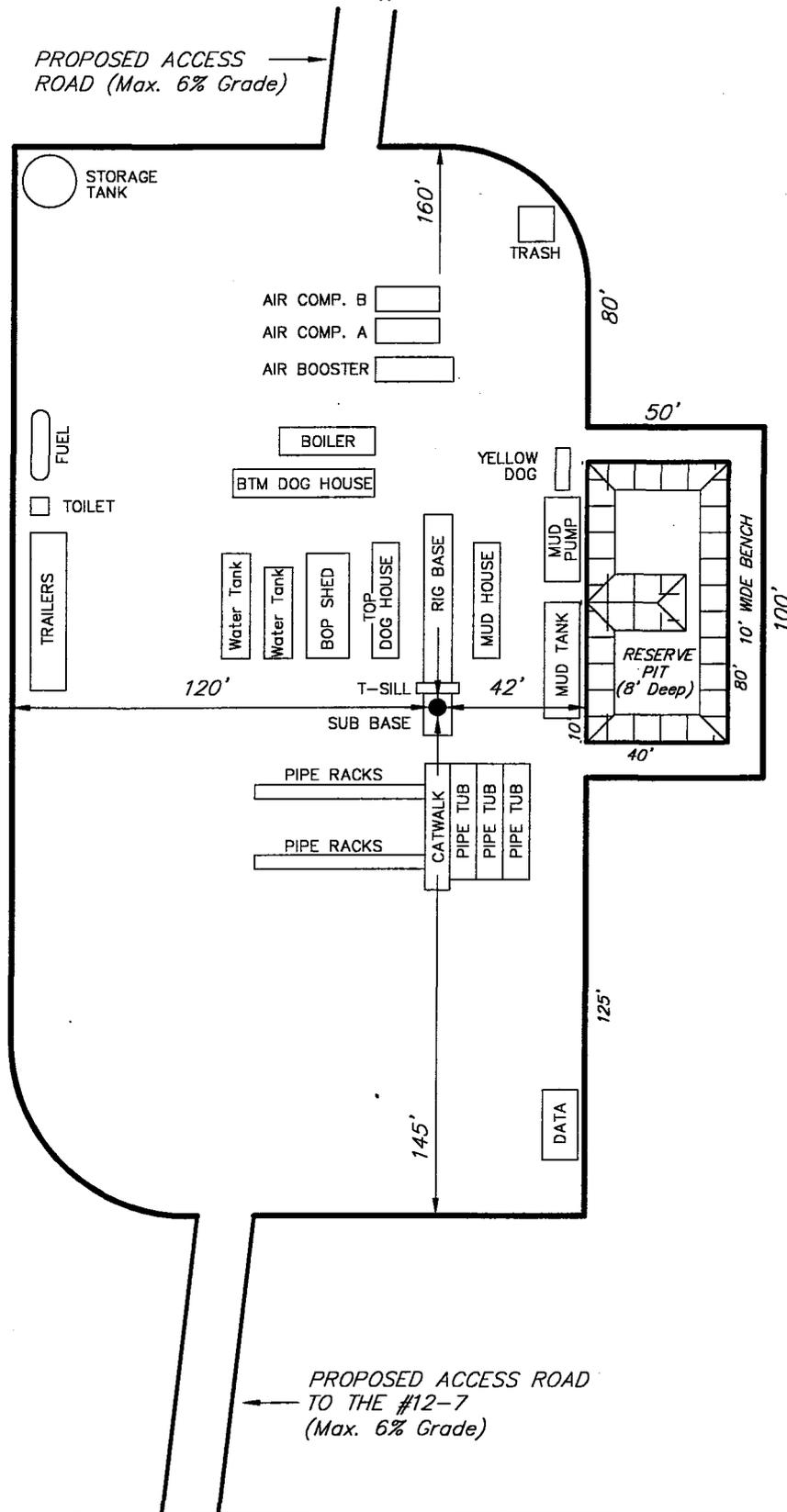
DATE: 2-14-01

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

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### BELUGA UNIT #13-7-9-17



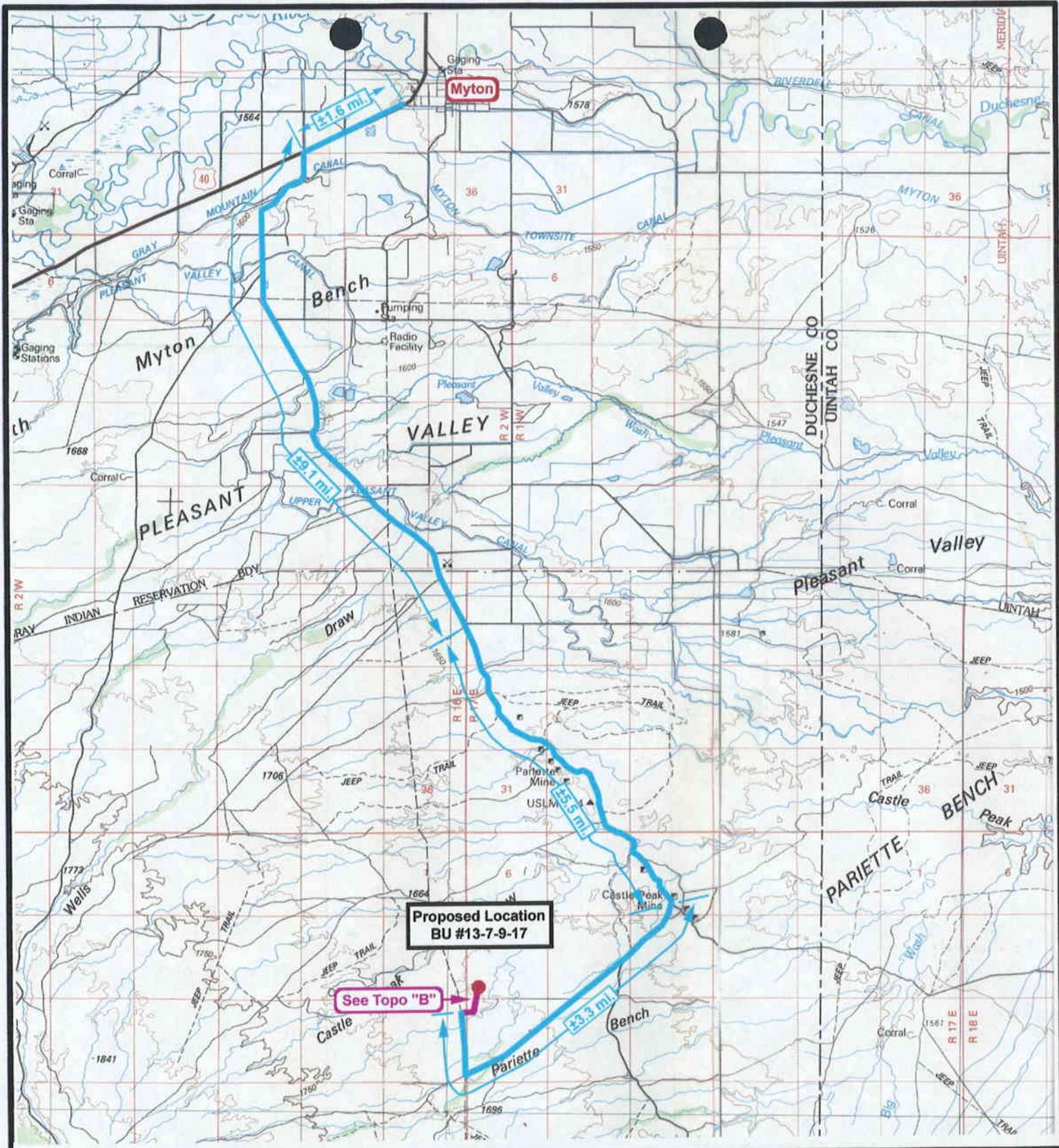
SURVEYED BY: C.D.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 2-14-01

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



**Beluga Unit #13-7-9-17  
SEC. 7, T9S, R17E, S.L.B.&M.**



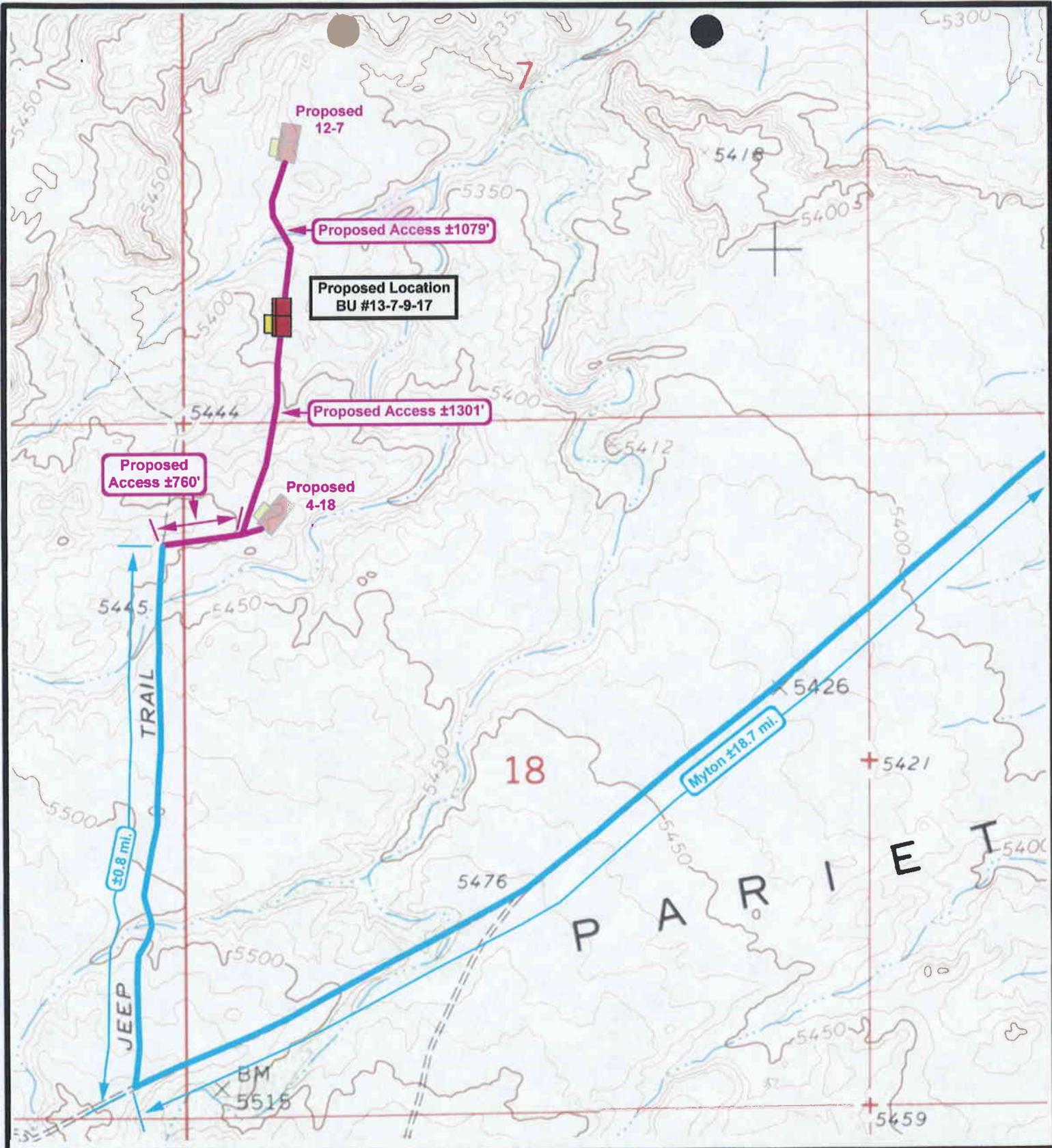
**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1 : 100,000  
DRAWN BY: bgm  
DATE: 02-14-2001

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"A"**



**Beluga Unit #13-7-9-17  
SEC. 7, T9S, R17E, S.L.B.&M.**



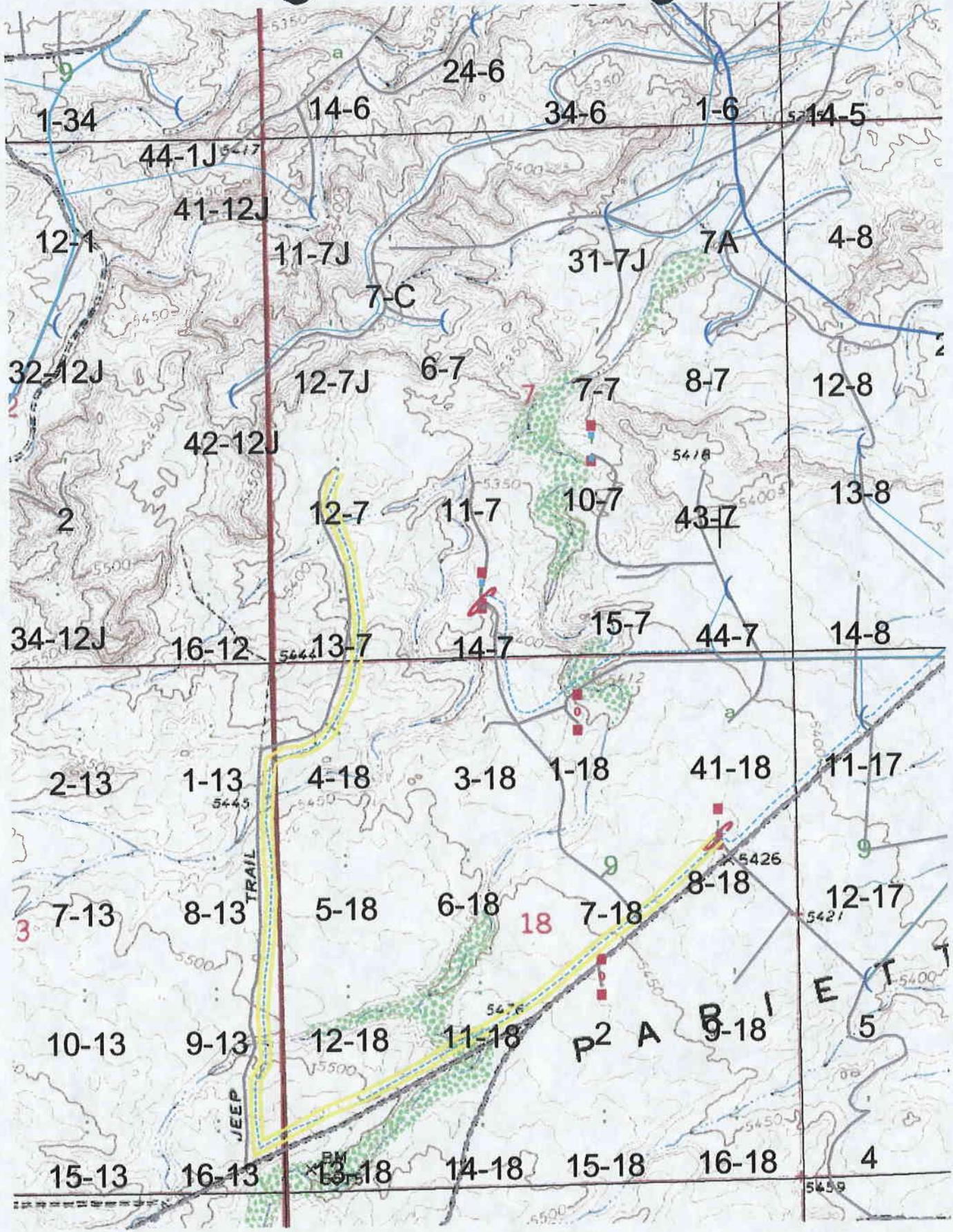
*Tri-State  
Land Surveying Inc.*  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 1000'  
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DATE: 02-23-2001

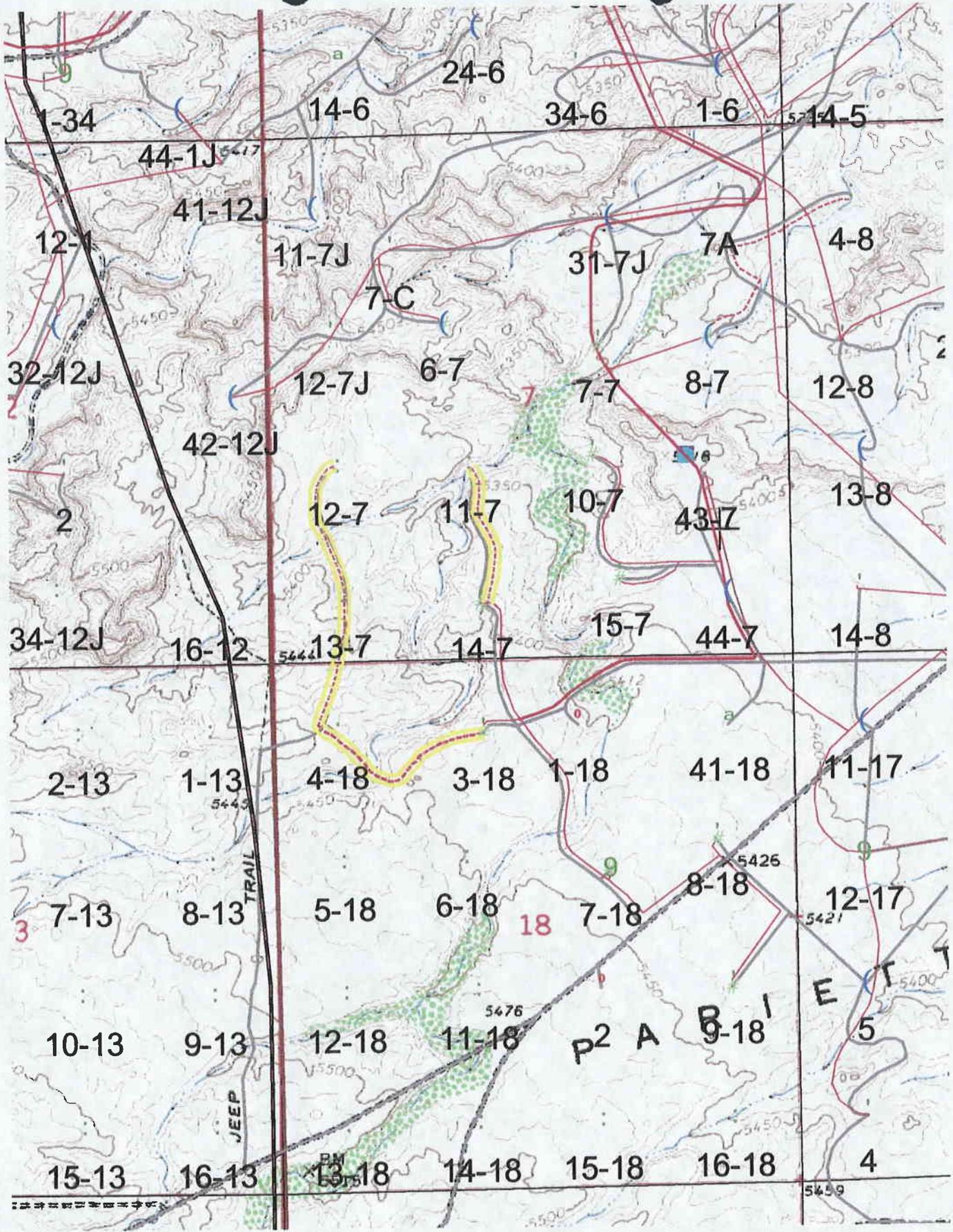
**Legend**

- Existing Road
- Proposed Access

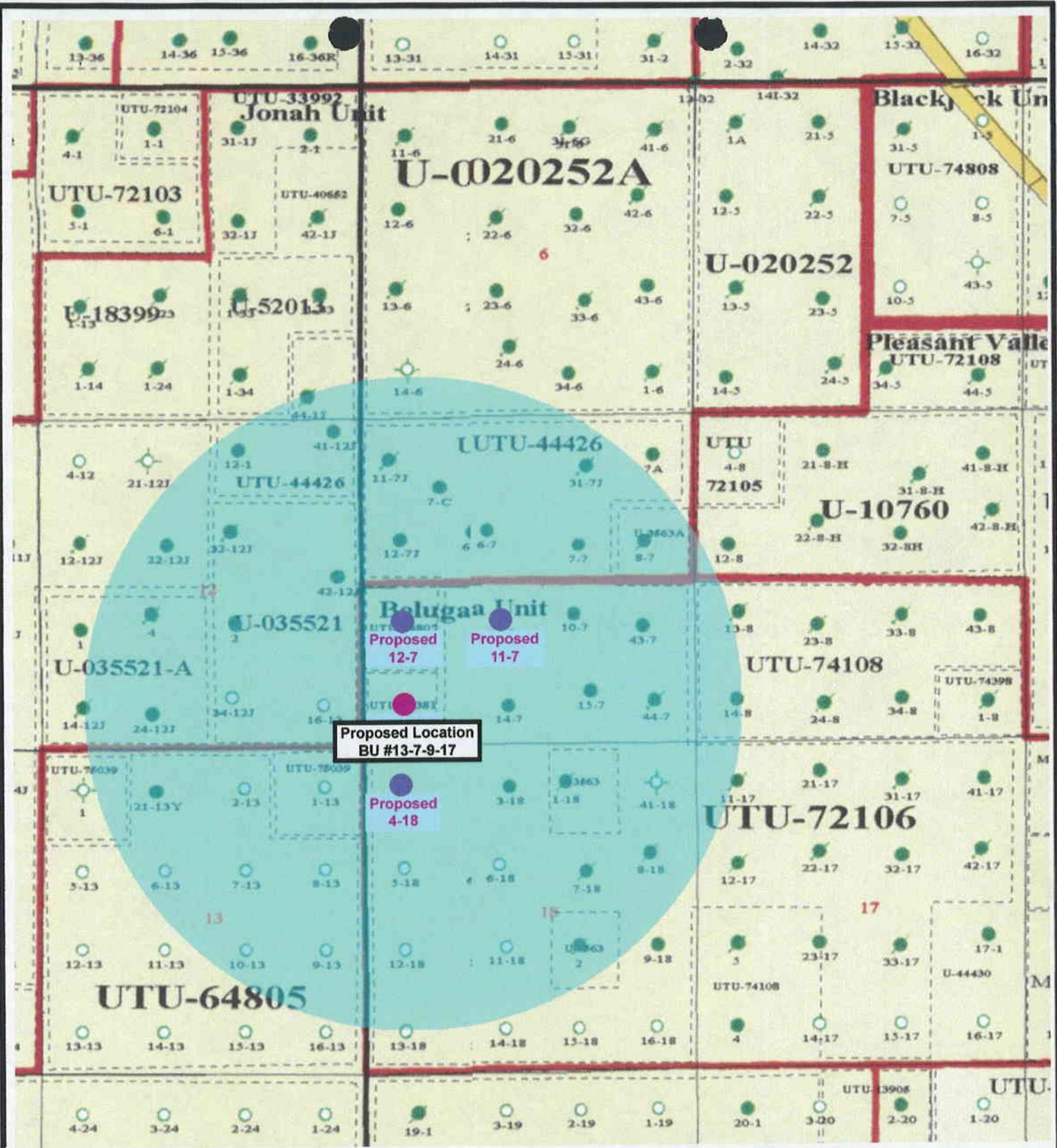
TOPOGRAPHIC MAP  
**"B"**



Topographic Map "C"  
Proposed Water Lines



**Topographic Map "C"**  
 Proposed Gas Lines



Proposed Location  
BU #13-7-9-17

Proposed  
12-7

Proposed  
11-7

Proposed  
4-18



**Beluga Unit #13-7-9-17  
SEC. 7, T9S, R17E, S.L.B.&M.**



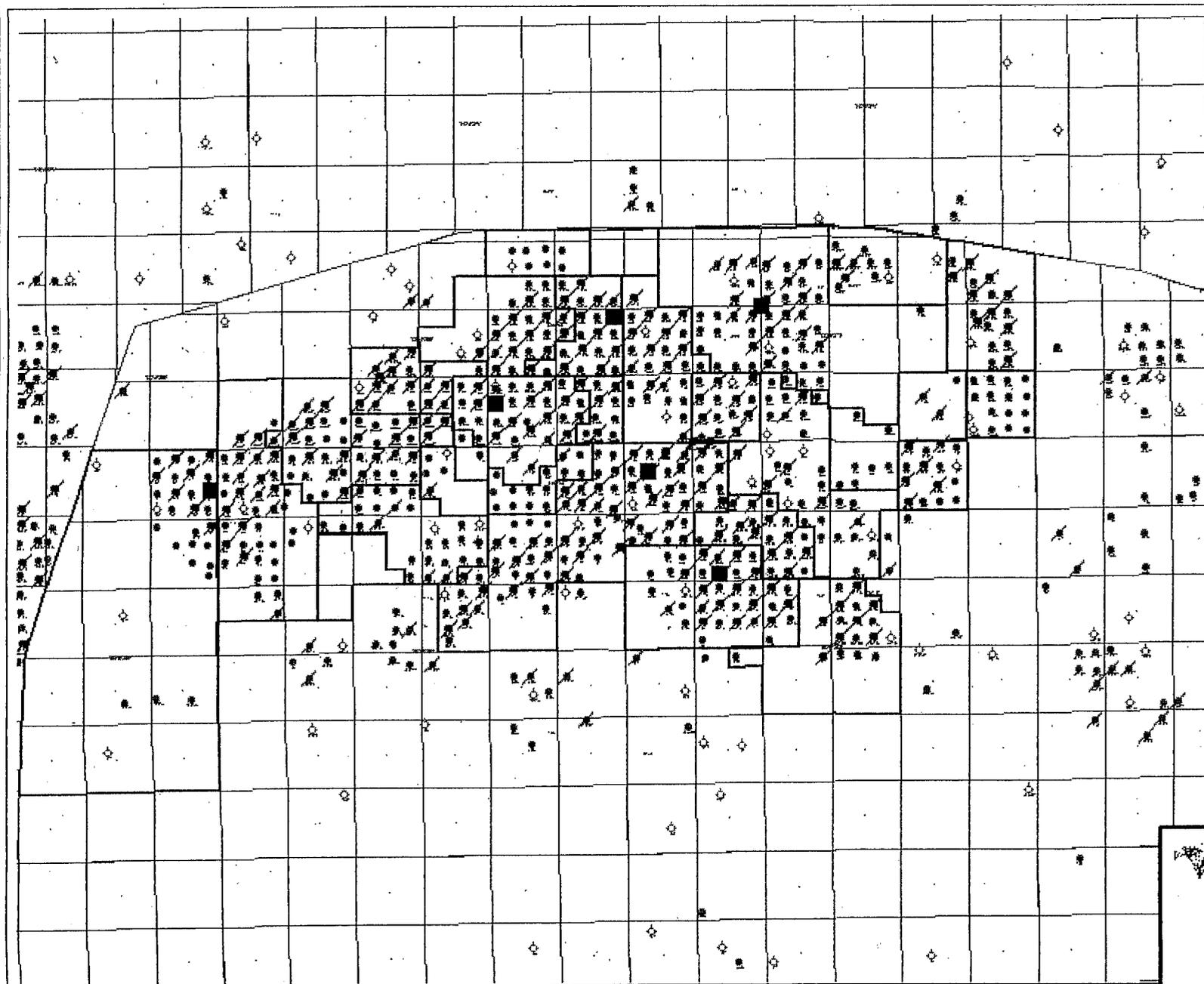
**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE:  
DRAWN BY: bgm  
DATE: 02-14-2001

**Legend**

- Proposed Location
- Existing Location
- One-Mile Radius

**EXHIBIT  
"B"**



- Well Station
- Well Categories
- ↙ INJ
- OIL
- ◇ DRY
- ↘ SHUTIN
- Well



Exhibit "A"



410 17th Street, Suite 500  
 Denver, Colorado 80202  
 Phone: (303) 833-0122

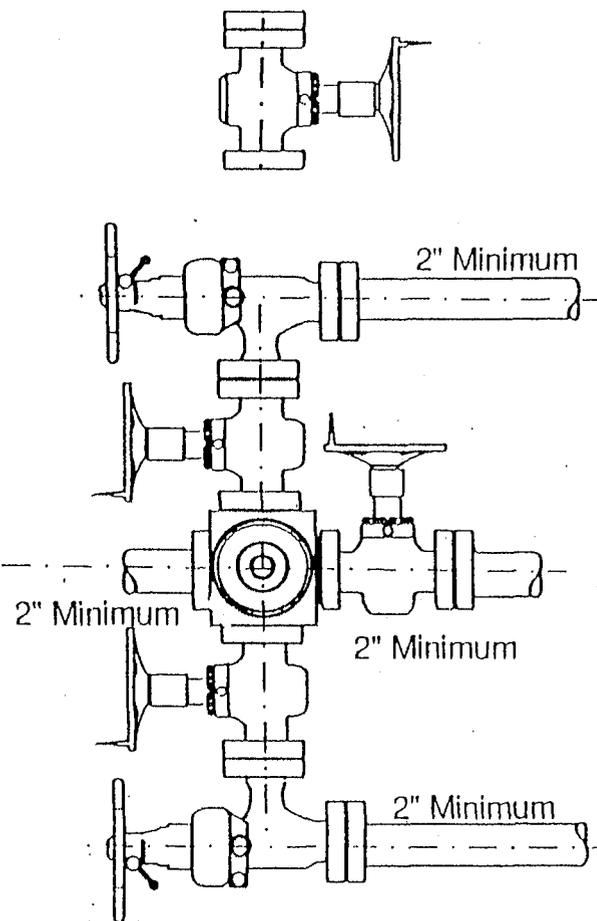
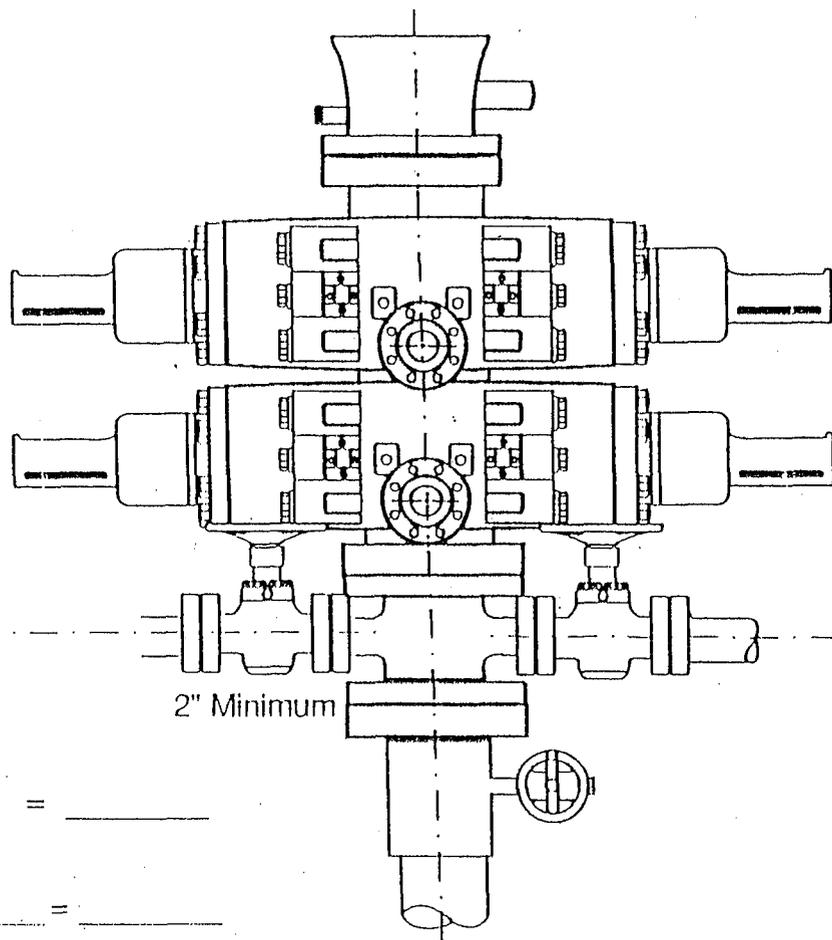
**Uinta Basin**  
 UINTEA BASIN, UTAH  
 Garfield & Chubb Counties, UT 814

© 2010, IESM L. J. O'Keefe

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

# 2-M SYSTEM

EXHIBIT "C"



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

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

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/30/2001

API NO. ASSIGNED: 43-013-32276
--------------------------------

WELL NAME: BELUGA U 13-7-9-17  
 OPERATOR: INLAND PRODUCTION ( N5160 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:  
 SWSW 07 090S 170E  
 SURFACE: 0802 FSL 0711 FWL  
 BOTTOM: 0802 FSL 0711 FWL  
 DUCHESNE  
 MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-64381  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

- R649-2-3. Unit BELUGA
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 228-4 \*Unit's Enh Rec.  
Eff Date: 2-1-96  
Siting: \* Per Unit Agreement
- R649-3-11. Directional Drill

COMMENTS: mon. Butte Field Sol, separate file.

STIPULATIONS: Fed. Approval



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:  
3160  
(UT-922)

May 31, 2001

Memorandum

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

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

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Green River)

43-013-32274	Beluga U 4-18-9-17	Sec. 18, T9S, R17E 0660 FNL 0660 FWL
43-013-32275	Beluga U 12-7-9-17	Sec. 07, T9S, R17E 2137 FSL 0766 FWL
43-013-32276	Beluga U 13-7-9-17	Sec. 07, T9S, R17E 0802 FSL 0711 FWL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:5-31-1



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

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

May 31, 2001

Inland Production Company  
Route 3 Box 3630  
Myton, UT 84052

Re: Beluga Unit 13-7-9-17 Well, 802' FSL, 711' FWL, SW SW, Sec. 7, T. 9 South,  
R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32276.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza  
Associate Director

er

Enclosures

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

**Operator:** Inland Production Company  
**Well Name & Number** Beluga Unit 13-7-9-17  
**API Number:** 43-013-32276  
**Lease:** UTU 64381

**Location:** SW SW      **Sec.** 7      **T.** 9 South      **R.** 17 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-64381</b>	
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME <b>Beluga</b>	
2. NAME OF OPERATOR <b>Inland Production Company</b>		8. FARM OR LEASE NAME WELL NO <b>13-7-9-17</b>	
3. ADDRESS OF OPERATOR <b>Route #3 Box 3630, Myton, UT 84052</b>		9. API WELL NO.	
Phone: <b>(435) 646-3721</b>		10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface <b>SW/SW 711' FWL 802' FSL</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SW/SW Sec. 7, T9S, R17E</b>	
At proposed Prod. Zone		12. County <b>Duchesne</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 19.5 miles south of Myton, Utah</b>		13. STATE <b>UT</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also t <b>Approx. 711' f/lse line &amp; 711' f/unit line</b>	16. NO. OF ACRES IN LEASE <b>2,223.13</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. 1,390'</b>	19. PROPOSED DEPTH <b>6500'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5383.7' GR</b>		22. APPROX. DATE WORK WILL START* <b>3rd Quarter 2001</b>	

23. PROPOSED CASING AND CEMENTING PROGRAM

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

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

The Conditions of Approval are also attached.

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 Mandie Cozart TITLE Permit Clerk DATE May 29, 2001

**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. Clearman TITLE Assistant Field Manager DATE 11/06/2001

\*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: Beluga 13-7-9-17

API Number: 43-013-32276

Lease Number: U -64381

Location: SWSW Sec. 07 T. 09S R. 17E

Agreement: Beluga 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.

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 resources and other 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  $\pm$  560 ft.

SURFACE USE PROGRAM  
Conditions of Approval (COA)

Plans For Reclamation of Location:

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

shadscale	Atriplex confertifolia	3 lbs/acre
Gardners saltbush	Atriplex gardneri	3 lbs/acre
galleta grass	Hilaria jamesii	3 lbs/acre
Indian rice grass	Oryzopsis hymenoides	3 lbs/acre

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**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)

**711 FWL 802 FSL SW/SW Section 7, T9S R17E**

5. Lease Designation and Serial No.

**UTU-64381**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**BELUGA**

8. Well Name and No.

**BELUGA U 13-7-9-17**

9. API Well No.

**43-013-32276**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **Permit Extension**  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

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

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 05-23-02  
By: [Signature]

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

**RECEIVED**

MAY 27 2002

DIVISION OF  
OIL, GAS AND MINING

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

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

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**UTU-64381**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**BELUGA**

8. Well Name and No.  
**BELUGA U 13-7-9-17**

9. API Well No.  
**43-013-32276**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**INLAND PRODUCTION COMPANY**

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**711 FWL 802 FSL SW/SW Section 7, T9S R17E**

RECEIVED  
NOV 06 2002

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

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

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

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

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

RECEIVED  
NOV 29 2002  
DIVISION OF  
OIL, GAS AND MINING

**CONDITIONS OF APPROVAL ATTACHED**

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

Signed Mandie Crozier Title Permit Clerk Date 11/5/2002  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by Kirk Johnson Title Petroleum Engineer Date 11/13/02

Conditions of approval, if any:

CC: Utah DOGM

Inland Production Company  
APD Extension

Well: Beluga 13-7-9-17

Location: SWSW Sec. 7, T9S, R17E

Lease: UTU 64381

**CONDITIONS OF APPROVAL**

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

---

1. The extension will expire 11/06/03
2. No other extensions beyond that time frame will be granted or allowed.

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

**RECEIVED**

NOV 29 2002

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-64381**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**BELUGA**

8. Well Name and No.

**BELUGA 13-7-9-17**

9. API Well No.

**43-013-32276**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

*SUBMIT IN TRIPLICATE*

1. Type of Well

<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> 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)

**711 FWL 802 FSL SW/SW Section 7, T9S R17E**

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

**TYPE OF SUBMISSION**

<input checked="" type="checkbox"/> Notice of Intent
<input type="checkbox"/> Subsequent Report
<input type="checkbox"/> Final Abandonment Notice

**TYPE OF ACTION**

<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
<input checked="" type="checkbox"/> Other <b>Permit Extension</b>	<input type="checkbox"/> Dispose Water

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

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

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

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 05-15-03  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 05-16-03  
Initials: CHO

RECEIVED

MAY 13 2003

DIV. OF OIL, GAS & MINING

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

Signed Mandie Crozier Title Regulatory Specialist Date 5/12/2003  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

RESET

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

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

**API:** 43-013-32276  
**Well Name:** Beluga 13-7-9-17  
**Location:** SW/SW Section 7, T9S R17E  
**Company Permit Issued to:** Inland Production Company  
**Date Original Permit Issued:** 5/31/01

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

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

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

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

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

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

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

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

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

Mandie Crozier  
Signature

5/12/03  
Date

Title: Regulatory Specialist

Representing: Inland Production Company

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: INLAND PRODUCTION COMPANY

Well Name: BELUGA U 13-7-9-17

Api No: 43-013-32276 Lease Type: FEDERAL

Section 07 Township 09S Range 17E County DUCHESNE

Drilling Contractor LEON ROSS RATHOLE RIG # 21

**SPUDDED:**

Date 09/09/03

Time 10:00 AM

How DRY

**Drilling will commence:** \_\_\_\_\_

Reported by RAY HERRERA

Telephone # 1-435-823-1990

Date 09/09/2003 Signed: CHD

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

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

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	11880	43-013-32276	Beluga #13-7-9-17	SW/SW	7	9S	17E	Duchesne	September 09, 2003	9/18/03

WELL 1 COMMENTS: *GRU*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	13886	43-013-32301	Ashley #12-11-9-15	NW/SW	11	9S	15E	Duchesne	September 12, 2003	9/18/03

WELL 2 COMMENTS: *GRU*

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 - Other (explain in comments section)

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

(3/89)

*Kebbie S. Jones*  
 Signature  
 Production Clerk  
 Title  
 September 15, 2003  
 Date

RECEIVED

SEP 15 2003

DIV. OF OIL, GAS & MINING

*J*

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**UTU-64381**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**BELUGA**

8. Well Name and No.  
**BELUGA 13-7-9-17**

9. API Well No.  
**43-013-32276**

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)  
**711 FWL 802 FSL SW/SW Section 7, T9S R17E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>Weekly Status 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 9-9 -03 MIRU Ross # 21. Drill 305' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 313.67' KB. On 9-12-03 cement with 150 sks of Class "G" w/ 3% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 2.5 bbls cement to pit. WOC.

**RECEIVED  
SEP 16 2003**

DIV. OF OIL, GAS & MINING

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

Signed Ray Herrera Title Drilling/Completion Foreman Date 9/13/03  
Ray Herrera

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 313.67

LAST CASING 8 5/8" SET AT 313.67  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 307 LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company  
 WELL Beluga 13-7-9-17  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross # 21

**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	301.82
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			303.67
TOTAL LENGTH OF STRING		303.67	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>313.67</b>
TOTAL		301.82	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		301.82	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		SPUD	9/9/03	GOOD CIRC THRU JOB <u>yes</u>			
CSG. IN HOLE			10:00 AM	Bbls CMT CIRC TO SURFACE <u>2.5 bbls cement</u>			
BEGIN CIRC				RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT				DID BACK PRES. VALVE HOLD ? <u>N/A</u>			
BEGIN DSPL. CMT				BUMPED PLUG TO _____ 320 _____ PSI			
PLUG DOWN		<b>Cemented</b>	<b>9/12/03</b>				

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>		<b>RECEIVED</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES		<b>SEP 16 2003</b>
1	150	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield		DIV. OF OIL, GAS & MINING
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING		
Centralizers - Middle first, top second & third for 3				

COMPANY REPRESENTATIVE Ray Herrera DATE 9/13/03

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

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

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5. Lease Designation and Serial No.  
**UTU-64381**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**BELUGA**

8. Well Name and No.  
**BELUGA 13-7-9-17**

9. API Well No.  
**43-013-32402 32276**

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)

**711 FWL 802 FSL SW/SW Section 7, T9S R17E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>Weekly Status 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 08/22/04. MIRU Patterson Rig #155. Set equipment. Pressure test Bop's, Kelly, & TIW to 2,000 psi. Test 85/8" csgn to 1,500 psi. Vernal BLM office was notified of test. PU BHA and tag cement @ 260'. Drill out cement & shoe. Continue to drill a 77/8" hole with fresh water to a depth of 5835'. Lay down drill string, BHA. Open hole log from TD to surface. PU & MU guide shoe, 1 jt 51/2" J-55 15.5 # csgn. Float collar, & 136 Jt's 51/2" J-55 15.5# csgn. Set @ 5810.13' KB. Cement with 300 sks Prem Lite II w/ 3% KCL, 10% Gel, 3#"s sk CSE, 2#"s sk Korseal, 5% Sms, 1/2# sks Celloflake. Mixed @ 11.0 ppg, >3.43 yld. Followed by 450 sks 50/50 Poz w/ 3% KCL, 2% Gel, .05% Static free, 1/4# sk Celloflake .3%SM. Mixed @ 14.4 ppg, > 1.24 yld. Good returns with 10 bbls cement return to pit. Nipple down BOP's. Set 5.5 CSG slips @ 85,000 # 's tension. Clean pit's & release rig @ 6:00 am on 08-28-04.

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

Signed Floyd Mitchell Title Drilling Foreman Date August 29, 2004  
Floyd Mitchell

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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**AUG 31 2004**

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5810.13

Flt cllr @ 5765.2

LAST CASING 8 5/8" SET AT 313'

OPERATOR Inland Production Company

DATUM 12' KB

WELL Beluga Federal 13-7-9-17

DATUM TO CUT OFF CASING 12

FIELD/PROSPECT Monument Butte

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

CONTRACTOR & RIG # Patterson # 155

TD DRILLER 5835' LOGGER 5819'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>6' @ 3921'</b>					
<b>136</b>	<b>5 1/2"</b>	MAV LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	5755
		Float collar					0.6
<b>1</b>	<b>5 1/2"</b>	MAV LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	44.28
		<b>GUIDE shoe</b>			<b>8rd</b>	<b>A</b>	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5814.53
TOTAL LENGTH OF STRING		5814.53	137	LESS CUT OFF PIECE			16.4
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		171.22	4	CASING SET DEPTH			<b>5810.13</b>
TOTAL		<b>5970.50</b>	141	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5970.5	141				
TIMING		1st STAGE	2nd STAGE				
BEGIN RUN CSG.		8/27/2004	8:00 PM	GOOD CIRC THRU JOB		Yes	
CSG. IN HOLE		8/27/2004	11:00 PM	Bbls CMT CIRC TO SURFACE		10	
BEGIN CIRC		8/27/2004	11:00 PM	RECIPROCATED PIPE I N/A <u>THRUSTROKE</u>			
BEGIN PUMP CMT		8/28/2004	12:28 AM	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		8/28/2004	1:21 AM	BUMPED PLUG TO		2100	PSI
PLUG DOWN		8/28/2004	1:47 AM				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
<b>1</b>	<b>300</b>	Premlite II w/ 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake mixed @ 11.0 ppg W / 3.43 cf/sk yield					
<b>2</b>	<b>450</b>	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE: Floyd Mitchell

DATE 8/28/04

RECEIVED

AUG 31 2004

DIV. OF OIL, GAS & MINING



# 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

**NEWFIELD**



October 26, 2004

State of Utah, Division of Oil, Gas and Mining  
Attn: Ms. Carol Daniels  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn: Ms. Carol Daniels

Beluga 13-7-9-17 (43-013-32276)  
Duchesne County, Utah

Dear Ms. Carol Daniels

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

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

Sincerely,

Brian Harris  
Engineering Tech

Enclosures

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

Well File – Denver  
Well File – Roosevelt  
Patsy Barreau/Denver  
Bob Jewett/Denver  
Marnie Bryson/Roosevelt

**RECEIVED**

**OCT 28 2004**

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

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

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

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

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

5. LEASE DESIGNATION AND SERIAL NO.  
UTU-64381

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
Beluga Unit

8. FARM OR LEASE NAME, WELL NO.  
Beluga 13-7-9-17

2. NAME OF OPERATOR  
Newfield Exploration

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

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*  
 At Surface 802' FSL & 711' FWL (SW SW) Sec. 7, Twp 9S, Rng 17E.  
 At top prod. Interval reported below

9. WELL NO.  
43-013-32276

10. FIELD AND POOL OR WILDCAT  
Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 7, T9S, R17E

At total depth

14. API NO. 43-013-32276 DATE ISSUED 5/31/2001

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUDED 9/9/2003 16. DATE T.D. REACHED 8/28/2004 17. DATE COMPL. (Ready to prod.) 9/21/2004 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5384' 5396'

20. TOTAL DEPTH, MD & TVD 5835' 21. PLUG BACK T.D., MD & TVD 5764' 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 4527'-5414'

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED  
No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	313'	12-1/4"	To surface with 150 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5853	7-7/8"	300 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5473'	TA @ 5342'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(CP.5,1) 5362'-5370', 5396'-5414'	0.41"	4/104
(A1) 4996'-5006'	0.41"	4/40
(B2) 4824'-4834'	0.41"	4/40
(D1) 4527'-4535'	0.41"	4/32

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5362'-5414'	Frac w/ 100,054 # 20/40 sand in 726 bbls fluid
4996'-5006'	Frac w/ 49,839# 20/40 sand in 416 bbls fluid
4824'-4834'	Frac w/ 50,364 # 20/40 sand in 429 bbls fluid
4527'-4535'	Frac w/ 17,120 # 20/40 sand in 228 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION 9/21/2004 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16' RHAC Pump WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST 9/22/2004 HOURS TESTED 24 CHOKE SIZE PROD.N. FOR TEST PERIOD OIL--BBL. 77 GAS--MCF. 119 WATER--BBL. 29 GAS-OIL RATIO 1545

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 OCT 28 2004

35. LIST OF ATTACHMENTS

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

SIGNED Brian Harris TITLE Engineering Technician DATE 10/25/2004

DIV. OF OIL, GAS & MINING

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Beluga 13-7-9-17	Garden Gulch Mkr	3516'	
				Garden Gulch 1	3718'	
				Garden Gulch 2	3830'	
				Point 3 Mkr	4087'	
				X Mkr	4343'	
				Y-Mkr	4380'	
				Douglas Creek Mkr	4505'	
				BiCarbonate Mkr		
				B Limestone Mkr	4860'	
				Castle Peak	5352'	
				Basal Carbonate	5783'	
				Total Depth (LOGGERS)	5835'	



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

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

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

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

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

**DATA ENTRY:**

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

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

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

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

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

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

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

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

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

Ref: 8P-W-GW

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

Mr. Eric Sundberg  
Regulatory Analyst  
Newfield Production Company  
1001 Seventeenth Street – Suite 2000  
Denver, CO 80202

NOV 06 2009  
RECEIVED  
NOV 17 2009  
DIV. OF OIL, GAS & MINING

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

RE: Additional Well Monument Butte  
Beluga Unit Permit  
UIC Permit No. UT20798-00000  
Well ID: UT20798-08442  
Beluga 13-7-9-17  
802' FSL & 711' FWL  
SW SW Sec. 7-T9S-R17E  
Duchesne County, Utah  
API # 43-013-32276

Dear Mr. Sundberg:

The Newfield Production Company's request to convert the former Green River Formation oil well Beluga 13-7-9-17 to an enhanced recovery injection well in the Monument Butte Beluga Unit Area Permit is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization For Additional Well.

The addition of the proposed injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Monument Butte, Beluga Unit Area, Permit No. UT20798-00000, and subsequent modifications.

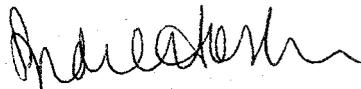
Please be aware that Newfield Production Company does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 3,513 feet and the estimated top of the Wasatch Formation at 5,909 feet.

Prior to receiving authorization to inject, the EPA requires that Newfield Production Company submit for review and approval: (1) the results of a Part 1 (Internal) Mechanical Integrity Test (MIT), (2) a pore pressure calculation of the injection interval and (3) a complete EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

The initial Maximum Allowable Injection Pressure (MAIP) for the Beluga 13-7-9-17 was determined to be 1,645 psig. UIC Area Permit UT20798-00000 also provides the opportunity for the Permittee to request a change in the MAIP based upon results of a step rate test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Mr. Bob Near at (303)-312-6278 or 1-800-227-8917 (Ext. 312-6278). Please submit the required data to ATTENTION: Bob Near, at the letterhead address, citing MAIL CODE: 8P-W-GW very prominently.

Sincerely,



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

Encl: Authorization For Conversion of An Additional Well  
EPA Form No. 7520-12 (Well Rework Record).  
Proposed Wellbore and P&A Wellbore  
Schematics for Beluga 13-7-9-17.

cc: Letter Only

Curtis Cesspooch, Chairman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Irene Cuch, Vice Chairwoman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Ronald Groves, Councilman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Steven Cesspooch, Councilman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Phillip Chimburas, Councilman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Frances Poowegup, Councilwoman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Daniel Picard, Superintendent  
U.S. Bureau of Indian Affairs  
Uintah & Ouray Indian Agency

All enclosures:

Ferron Secakuku, Director  
Natural Resources  
Ute Indian Tribe

Larry Love, Director  
Energy and Minerals Department  
Ute Indian Tribe

Michael Guinn, District Manager  
Newfield Production Company  
Myton, Utah

Gilbert Hunt, Associate Director  
Utah Division of Oil, Gas and Mining

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



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

REGION 8  
1595 WYNKOOP STREET  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

**AUTHORIZATION FOR ADDITIONAL WELL**

**UIC Area Permit No: UT20798-00000**

The Monument Butte Beluga Unit Final UIC Area Permit No. UT20798-00000, effective October 25, 1996, authorizes injection for the purpose of enhanced oil recovery into multiple lenticular sand units which are distributed throughout the lower portion of the Green River Formation. On June 11, 2009, the Permittee provided notice to the Director concerning the following additional enhanced recovery injection well:

Well Name: Beluga 13-7-9-17  
EPA Well ID Number: UT 20798-08442  
Location: 802'FSL & 711'FWL  
SW SW Sec. 7-T9S-R17E  
Duchesne County, Utah.  
API # 43-013-32276

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20798-00000 authorizes the Permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20798-00000, as modified and as specified in the Well Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the Permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: NOV 05 2009

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

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

Authorization for Additional Well: UIC Area Permit UT20798-00000  
Well: Beluga 13-7-9-17 EPA Well ID: UT20798-08442

## INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Beluga 13-7-9-17  
EPA Well ID Number: UT 20798-08442

### **For well conversion, Operator must submit:**

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

Once these records are received and approved by EPA, the Director will provide authorization to inject.

**Approved Injection Zone:** The approved Injection interval is from the top of the Garden Gulch Member [3,513' (KB)] to the estimated top of the Wasatch Formation [5,909' (KB)].

**Maximum Allowable Injection Pressure (MAIP):** The initial MAIP is **1,645 psig**, based on the following calculation:

$$\begin{aligned} \text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where} \\ \text{FG} &= 0.85 \text{ psi/foot} \quad \text{SG} = 1.015 \quad \text{D} = \mathbf{4,015 \text{ feet}} \text{ (top perforation depth KB)} \\ \text{MAIP} &= \mathbf{1,645 \text{ psig}} \end{aligned}$$

UIC Area Permit No. UT20798-00000 also provides the opportunity for the Permittee to request a change of the MAIP based upon results of a step rate test that demonstrates the formation breakdown pressure will not be exceeded.

**Well Construction: Casing and Cementing:** The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR §146.22(c). The cement record and cement bond log (CBL) were evaluated and demonstrated the presence of adequate cement to prevent the possible migration of injection fluids from behind the casing from the injection zone.

**Well Construction: Tubing and Packer:** 2-7/8" or similar size injection tubing is approved; The packer shall be set at a depth no more than 100 feet above the top perforation.

### **Demonstration of Mechanical Integrity:**

- (1) A successful demonstration of Part I (Internal) Mechanical Integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) EPA reviewed the cementing records and determined the cement will provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR § 146.8(a)(2). Therefore, further demonstration of Part II (External) Mechanical Integrity is not required at this time.

**Demonstration of Financial Responsibility:** The permittee has demonstrated financial responsibility by an annual Financial Statement with a Plugging and Abandonment estimated cost of \$59,344 that has been approved by EPA. The Director may revise the amount required, and may require the permittee to obtain and provide updated estimates for plugging the well according to the approved Plugging and Abandonment plan.

**Plugging and Abandonment:** The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between USDWs. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- PLUG NO. 1: Set a cast iron bridge plug (CIBP) no more than 50 feet above the top perforation with a minimum 20 foot cement plug on top of the CIBP.
- PLUG NO. 2: Perforate and Squeeze a cement plug on the backside of the 5-1/2" casing across the Trona and the Mahogany Bench zone between approximately 2,672' (KB) to 2,840' (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 168 foot balanced cement plug inside the 5-1/2" casing from approximately 2,672' (KB) to 2,840'(KB).
- PLUG NO. 3: Perforate and Squeeze a cement plug on the backside of the 5-1/2" casing across the top of the Green River Formation between approximately 1,284' (KB) and 1,404 (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120 foot plug inside the 5-1/2 casing from approximately 1,284' (KB) to 1,404' (KB).
- PLUG NO. 4: Set a Class "G" cement plug within the 5-1/2" casing from 364' and up the 5 1/2" X 8-5/8" casing annulus to the surface.

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

## INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Beluga 13-7-9-17**  
EPA Well ID Number: **UT20798-08442**

**Underground Sources of Drinking Water (USDWs):** USDWs in the Beluga Unit Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 234 feet below ground surface in the Monument Federal 21-17-9-17.

**http:NRWRT1.NR.STATE.UT.US:** There are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

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

- TDS of the Douglas Creek Member – Green River Formation Water: 11,810 mg/l.

- TDS of Sanwash Injection Facility System source water: 3,078 mg/l.

The **injectate** is water from the Sanwash Injection System blended with produced Green River Formation Water resulting in TDS < 10,000 mg/l.

**Aquifer Exemption:** An Aquifer Exemption is not required because the TDS of the produced water from the proposed injection well is greater than 10,000 mg/l.

**Confining Zone:** The Confining Zone is the established zone (3,472-3,513') above the Garden Gulch Member of the Green River Formation, with 40' of 80%, or greater, cement bond.

**Injection Zone:** The Injection Zone is approximately 2,396' of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member at 3,513' to the estimated top of the Wasatch Formation at 5,909'. All formation tops are based on correlations to the Newfield Production Federal #1-26-8-17 (UT20702-04671) type log.

**Well Construction:**

**Surface Casing:** 8-5/8" casing is set at 314' (KB) in a 12-1/4" hole, using 150 sacks Class G cement, circulated to the surface.

**Longstring Casing:** 5-1/2" casing is set at 5,810' (KB) in a 7-7/8" hole secured with 750 sacks of 50-50 POZ cement. Total driller depth is 5,835'. Plugged back total depth is 5,764'. EPA calculates top of cement at 974'. CBL top of cement is 298'.

**Perforations:** Top perforation: **4,050'** (KB)      Bottom perforation: **5,414'** (KB)

## AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following three (3) wells that penetrate the Confining Zone within or proximate to a ¼ mile radius around the Beluga 13-7-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs.

Well: Beluga 12-7-9-17	API: 43-013-32275	NW SW Sec .7-T9S-R17E
Well: Beluga Q-7-9-17	API: 43-013-33924	NW SW Sec. 7-T9S-R17E
Well: Beluga 14-7-9-17	API: 43-013-32049	SE SW Sec. 7-T9S-R17E

### Corrective Action NOT REQUIRED on one AOR Well:

Well: Beluga 12-7-9-17	API: 43-013-32275	NW SW Sec. 7-T9S-R17E
------------------------	-------------------	-----------------------

The CBL shows 40' of 80% or greater cement bond.

TOC 106' CBL.

### Corrective Action REQUIRED on two AOR Wells:

Well: Beluga Q-7-9-17	API: 43-013-33924	NW SW Sec.7-T9S-R17E
-----------------------	-------------------	----------------------

CBL shows no 80% or greater cement bond.

TOC 30' CBL

Well: Beluga 14-7-9-17	API: 43-013-32049	SE SW Sec.7-T9S-R17E
------------------------	-------------------	----------------------

CBL shows no 80% or greater cement bond.

TOC 2,244' CBL

### AOR Well Corrective Action Plan:

The Beluga Q-7-9-17 and 14-7-9-17 will be monitored weekly at the surface for evidence of fluid movement out of the injection zone.

In addition, Newfield developed a corrective action monitoring program, effective July 10, 2008, entitled "Procedure related to proposed Class II Enhanced Oil Recovery Injection Wells determined by the EPA to have specific Area of Review (AOR) wells with inadequate cement across the Confining Zone."

If possible fluid movement out of the Injection Zone is identified, either through the weekly monitoring, through Newfield's July 10, 2008 procedure, described above, or through any other means, (for example, evidence of fluid flow or increased bradenhead annulus pressure readings, the Permittee will shut in the Beluga-13-7-9-17 well immediately and notify the Director. No injection into the Beluga 13-7-9-17 well will be permitted until the Permittee has notified the Director that the situation has been resolved, submitted Rework Records (EPA Form No. 7520-12) and a schematic diagram, and received authorization from the Director to re-commence injection.

### **Reporting of Noncompliance:**

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

### **Twenty-Four Hour Noncompliance Reporting:**

The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

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

### **Oil Spill and Chemical Release Reporting:**

The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the **NRC website at <http://www.nrc.uscg.mil/index.htm>**.

### **Other Noncompliance:**

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

Other Information:

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

# Beluga 13-7-9-17

Spud Date: 9/9/2003  
 Put on Production: 9/21/04  
 GL: 5384' KB: 5396'

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.67')  
 DEPTH LANDED: 313.67' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150sxs Class "G" mixed cmt, est 2.5 bbls cmt to pit

*Base USDW 234'*

TOC @ 298'  
 CBL

*TOC/EPA 974'*

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (5814.53')  
 DEPTH LANDED: 5810.13' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 298'

*40' 80% Cement Bond*

*-1344 Green River*

*-2722' Trona  
 -2768' -90' Mahogany Bench*

*-3472' Confining Zone  
 -3513' Garden Gulch*

*-4505' Douglas Creek*

*-5352' Est. Castle Peak*

*-5784' Ed. Basal Carb.*

*Est. Wasatch 5909'*

### FRAC JOB

9/14/04 5362-5414' Frac CP1 & CP.5 sands as follows:  
 100,054#'s 20/40 sand in 726 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 1285 psi  
 w/avg rate of 25 BPM. ISIP 1900. Calc  
 flush 5350 gal. Actual flush: 5351 gal.

9/14/04 4996-5006' Frac A1 sands as follows:  
 49,839# 20/40 sand in 416 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 1577 psi  
 w/avg rate of 25.4 BPM. ISIP 2060 psi. Calc  
 flush: 4993gal. Actual flush: 4994 gal.

9/15/04 4824-4834' Frac B2 sands as follows:  
 50,364# 20/40 sand in 429 bbls lightning Frac  
 17 fluid. Treated @ avg press of 2225 psi  
 w/avg rate of 25.2 BPM. ISIP 1948 psi.  
 flush: 4783 gal. Actual flush: 44784 gal.

9/15/04 4527-4535' Frac D1 sands as follows:  
 17,120# 20/40 sand in 228 bbls lightning Frac  
 17 fluid. Treated @ avg press of 2058 psi  
 w/avg rate of 25.3 BPM. ISIP 1835 psi. Calc  
 flush: 4405 gal. Actual flush: 4406 gal.

03/29/07 Work-over Rod & Tubing detail updated.

Screened Out. Calc

### PERFORATION RECORD

Date	Interval	Type	Holes
9/9/04	5396-5414'	4 JSPF	72 holes
9/9/04	5362-5370'	4 JSPF	32 holes
9/14/04	4996-5006'	4 JSPF	40 holes
9/14/04	4824-4834'	4 JSPF	40 holes
9/15/04	4527-4535'	4 JSPF	32 holes

Packer @ 4015'

4050-4062'

4065-4072'

4079'-4085'

4527-4535'

4824-4834'

4996-5006'

5362-5370'

5396-5414'

PBTD @ 5764'

SHOE @ 5810'

TD @ 5835'

**NEWFIELD**



Beluga 13-7-9-17  
 802' FSL & 711' FWL  
 SW/SW Section 7-T9S-R17E  
 Duchesne Co, Utah  
 API #43-013-32276; Lease #UTU-64381

# Beluga 13-7-9-17

Spud Date: 9/9/2003  
Put on Production: 9/21/04  
GL: 5384' KB: 5396'

Initial Production: BOPD,  
MCFD, BWPD

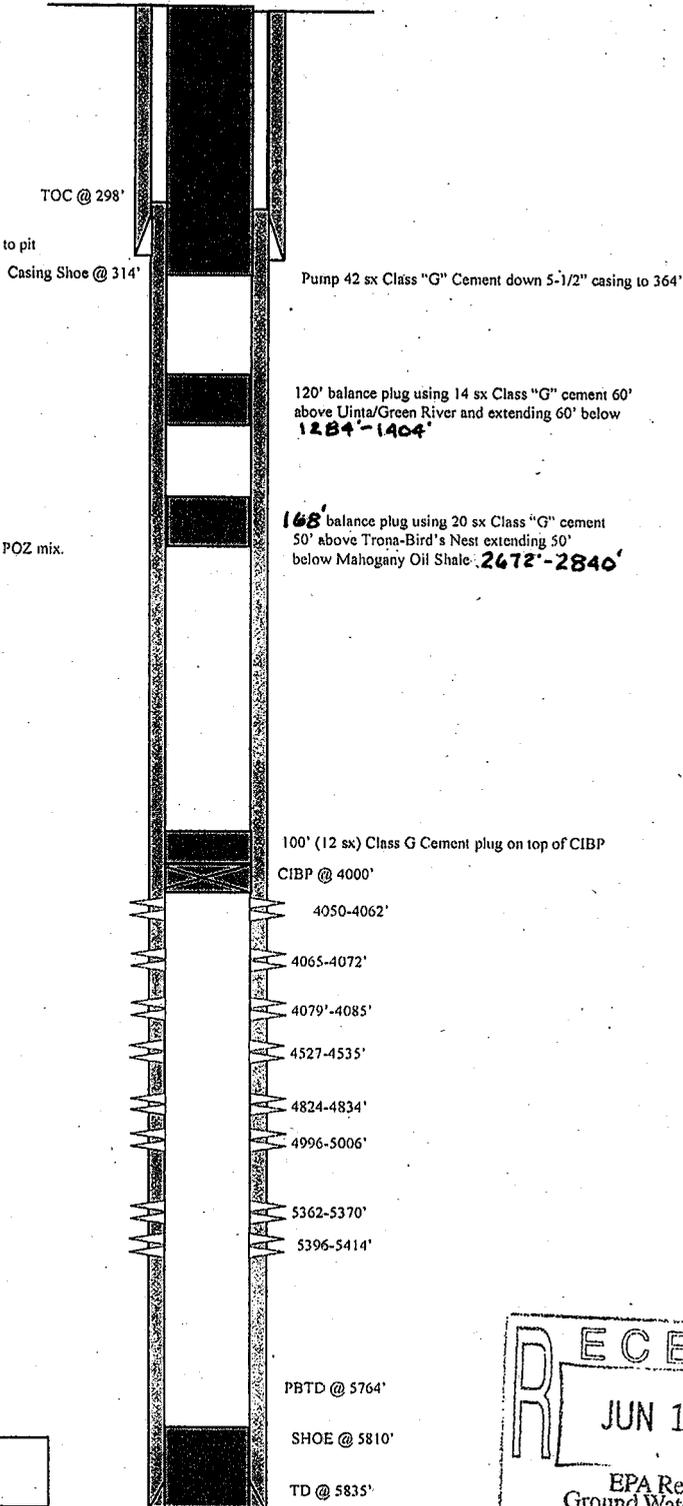
## Proposed P & A Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (303.67')  
DEPTH LANDED: 313.67' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 150sxs Class "G" mixed cmt, est 2.5 bbls cmt to pit

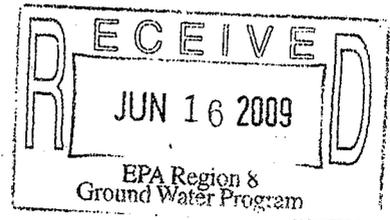
### PRODUCTION CASING

CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts. (5814.53')  
DEPTH LANDED: 5810.13' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
CEMENT TOP AT: 298'



**NEWFIELD**

Beluga 13-7-9-17  
802' FSL & 711' FWL  
SW/SW Section 7-T9S-R17E  
Duchesne Co, Utah  
API #43-013-32276; Lease #UTU-64381





# 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: 7/28/2010  
 Test conducted by: James Bird  
 Others present: \_\_\_\_\_

Well Name: <u>Beluga 13-7-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW/SW</u> Sec: <u>7</u> T <u>9</u> N <u>10</u> R <u>17</u> E W	County: <u>Ducharme</u>	State: <u>WY</u>
Operator: <u>Newfield</u>		
Last MIT: _____	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test?     Yes     No  
 Initial test for permit?                 Yes     No  
 Test after well rework?                 Yes     No  
 Well injecting during test?             Yes     No      If Yes, rate: 0 bpd

Pre-test casing/tubing annulus pressure: 0 psig

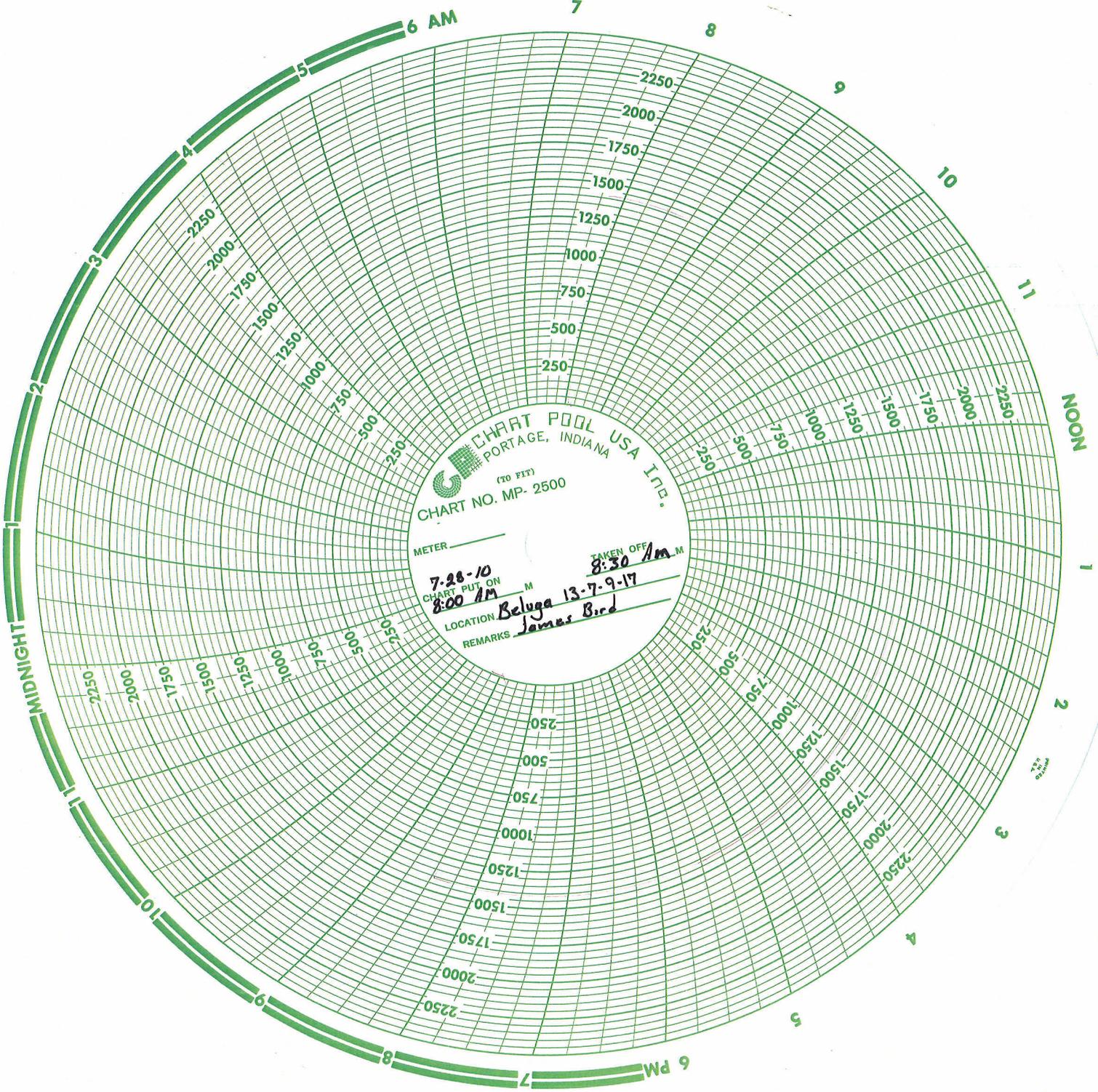
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING</b>	<b>PRESSURE</b>		
Initial Pressure	<u>60</u> psig	psig	psig
End of test pressure	<u>60</u> psig	psig	psig
<b>CASING / TUBING</b>	<b>ANNULUS PRESSURE</b>		
0 minutes	<u>1420</u> psig	psig	psig
5 minutes	<u>1420</u> psig	psig	psig
10 minutes	<u>1420</u> psig	psig	psig
15 minutes	<u>1420</u> psig	psig	psig
20 minutes	<u>1420</u> psig	psig	psig
25 minutes	<u>1420</u> psig	psig	psig
30 minutes	<u>1420</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: James Bird



**CHART POOL USA INC.**  
PORTAGE, INDIANA  
(TO FIT)  
CHART NO. MP- 2500

METER \_\_\_\_\_

7-28-10  
CHART PUT ON  
8:00 AM M

TAKEN OFF  
8:30 AM M

LOCATION Beluga

REMARKS James Bird

**Daily Activity Report**

Format For Sundry

**BELUGA 13-7-9-17****5/1/2010 To 9/30/2010****7/20/2010 Day: 1****Conversion**

Nabors #814 on 7/20/2010 - MIRUSU. LD rod string & pump. Start TOH W/ production tbg. - MIRU Nabors rig #814. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. ND wellhead & release TA @ 5343'. NU BOP. Talley & PU 8 jts work string to tag fill @ ~5760'. LD work string. TOH & talley production tbg. Break even connections, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 60 jts. SIFN.

**Daily Cost:** \$0**Cumulative Cost:** (\$21,423)**7/21/2010 Day: 3****Conversion**

Nabors #814 on 7/21/2010 - Frac well. Flow well back. TIH w/ tbg. - RU Isolation tool. RU BJ Services. Open well w/ 0 psi on casing. Perfs broke down @ 1593 psi. Frac w/ 12,544#'s of 20/40 sand in 370 bbl of Lightning 17 frac fluid w/ 4 ppg of sand. Treated @ ave pressure of 3169 psi. ISIP was 2122 w/ .96FG. RD BJ Services. Flow well back. Well flowed for 45 min. Rec'd 80 bbls of fluid. RU Retrieving head. TIH w/ tbg to tag fill 10'. C/O to RBP. Release plug. TOOH w/ 10 jts tbg. SIFN. - RU Isolation tool. RU BJ Services. Open well w/ 0 psi on casing. Perfs broke down @ 1593 psi. Frac w/ 12,544#'s of 20/40 sand in 370 bbl of Lightning 17 frac fluid w/ 4 ppg of sand. Treated @ ave pressure of 3169 psi. ISIP was 2122 w/ .96FG. RD BJ Services. Flow well back. Well flowed for 45 min. Rec'd 80 bbls of fluid. RU Retrieving head. TIH w/ tbg to tag fill 10'. C/O to RBP. Release plug. TOOH w/ 10 jts tbg. SIFN. - RU HO trk & pump 40 BW dn annulus @ 250°F. Flush tbg W/ 30 BW. Con't TOH & talley production tbg. Broke each connections, clean & inspect pins and apply Liquid O-rings to pins. LD btm 43 jts tbg & BHA. MU & TIH W/ Weatherford 5 1/2" "TS" RBP. Set plug @ 4027'. Pressure test plug to 2500 psi. TOH W/ tbg. Broke odd connections, clean & inspect pins and apply Liquid O-ring to pins. LD RH. RP Perforators WLT & packoff. RIH W/ 6' X 3 1/8" ported perf gun. Perf GB4 sds @ 4006'-4012' W/ 3 JSPF. RU HO trk & Fill hole W/ 15 BW. Perfs broke @ 1500 psi. Inject 5 BW @ 1800 psi @ 1.5 BPM. RD WLT. SIFN. - RU HO trk & pump 40 BW dn annulus @ 250°F. Flush tbg W/ 30 BW. Con't TOH & talley production tbg. Broke each connections, clean & inspect pins and apply Liquid O-rings to pins. LD btm 43 jts tbg & BHA. MU & TIH W/ Weatherford 5 1/2" "TS" RBP. Set plug @ 4027'. Pressure test plug to 2500 psi. TOH W/ tbg. Broke odd connections, clean & inspect pins and apply Liquid O-ring to pins. LD RH. RP Perforators WLT & packoff. RIH W/ 6' X 3 1/8" ported perf gun. Perf GB4 sds @ 4006'-4012' W/ 3 JSPF. RU HO trk & Fill hole W/ 15 BW. Perfs broke @ 1500 psi. Inject 5 BW @ 1800 psi @ 1.5 BPM. RD WLT. SIFN.

**Daily Cost:** \$0**Cumulative Cost:** \$11,563**7/22/2010 Day: 4****Conversion**

Nabors #814 on 7/22/2010 - TOOH w/ tools. TIH w/ pkr. Set pkr & test casing. RDMOSU. Well ready for MIT. - Open well w/ 50 psi on casing. Continue TOOH w/ tbg. LD tools. RU Arrow Set 1 5-1/2"X 2-1/2" Weatherford packer w/ Wire lin entry guide, SN. TIH w/ 126 jts tbg. Drop SV. Test tbg to 3000 psi. Fish SV. RD BOP's. Pump 70 bbls of packer fluid. Set pkr @ 3967' w/

SN @ 3966' w/ CE @ 3971' & EOT @ 3975'. Test casing to 1300 psi. RDMOSU. Well ready for MIT.

**Daily Cost:** \$0

**Cumulative Cost:** \$22,513

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**7/29/2010 Day: 5**

**Conversion**

Rigless on 7/29/2010 - MIT on well - On 7/19/2010 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well (Beluga 13-7-9-17). On 7/28/2010 the csg was pressured up to 1420 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 60 psig during the test. There was not an EPA representative available to witness the test. EPA# 20798-08442 API#13-013-32276 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$47,833

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**Pertinent Files: Go to File List**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

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

**AUG 09 2010**

Ref: 8P-W-GW

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

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

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

RE: Underground Injection Control (UIC)  
Authorization to Commence Injection  
EPA UIC Permit UT20798-08442  
Well: Beluga State 13-7-9-17  
SWSW Sec. 7-T9S-R17E  
Duchesne County, UT  
API No.: 43-~~047~~-32276  
013

Dear Mr. Guinn:

The Environmental Protection Agency Region 8 (EPA) has received Newfield Production Company's (Newfield) July 29, 2010, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram, and calculated pore pressure were reviewed and approved by EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20798-08442.

As of the date of this letter, Newfield is authorized to commence injection into the Beluga State 13-7-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,645 psig. You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a step rate test that measures the fracture parting pressure and calculates the fracture gradient at this depth and location. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

As of this approval, responsibility for permit compliance and enforcement is transferred to EPA's UIC Technical Enforcement Program. Therefore, please direct all monitoring and compliance correspondence to Nathan Wisner at the following address, referencing the well name and UIC Permit number on all correspondence:

**RECEIVED**

**AUG 18 2010**

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

Mr. Nathan Wiser  
U.S. EPA Region 8: 8ENF-UFO  
1595 Wynkoop Street  
Denver, CO 80202-1129

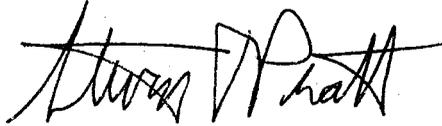
Or, you may reach Mr. Wiser by telephone at 303-312-6211, or 1 800-227-8927, ext. 312-6211.

Please remember that it is your responsibility to be aware of and to comply with all conditions of injection well Permit UT20798-08442.

If you have questions regarding the above action, please call Jason Deardorff at 303-312-6583 or 1-800-227-8917, ext. 312-6583.

FOR RECORD ONLY

Sincerely,



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

cc: Uintah & Ouray Business Committee:  
Curtis Cesspooch, Chairman  
Frances Poowegup, Vice-chairwoman  
Phillip Chimburas, Councilman  
Stewart Pike, Councilman  
Irene Cuch, Councilwoman  
Richard Jenks, Jr., Councilman

Daniel Picard  
BIA - Uintah & Ouray Indian Agency

Mike Natchees  
Environmental Coordinator  
Ute Indian Tribe

Manual Myore  
Director of Energy & Minerals Dept.  
Ute Indian Tribe

Brad Hill  
Acting Associate Director  
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office  
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst  
Newfield Production Company



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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-64381

**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:  
BELUGA 13-7-9-17

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332276

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: 802 FSL, 711 FWL COUNTY: DUCHESNE

5. LOT/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW, 7, T9S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will 08/23/2010	<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"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:	<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: - Put on Injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

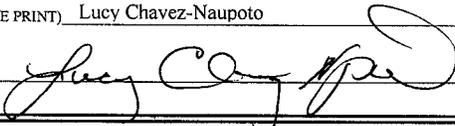
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 12:00 PM on 08-23-2010.

EPA # UT20798-08442 API # 43-013-32276

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

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

SIGNATURE  DATE 08/23/2010

(This space for State use only)

**RECEIVED**  
**SEP 07 2010**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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

5. Lease Serial No.  
USA UTU-64381

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
BELUGA 13-7-9-17

9. API Well No.  
4301332276

10. Field and Pool, or Exploratory Area  
GREATER MB UNIT

11. County or Parish, State  
DUCHESNE, UT

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
802 FSL, 711 FWL  
SWSW Section 7 T9S R17E

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

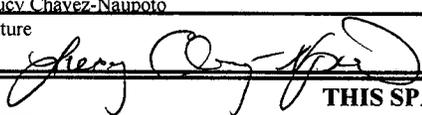
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/>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

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

The above reference well was put on injection at 12:00 PM on 08-23-2010.

EPA # UT20798-08442 API # 43-013-32276

I hereby certify that the foregoing is true and correct (Printed/ Typed)  
Lucy Chavez-Naupoto

Signature 

Title  
Administrative Assistant

Date  
08/23/2010

**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 page 2)

**RECEIVED**

SEP 07 2010

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-64381
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>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> BELUGA U 13-7-9-17	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013322760000	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0802 FSL 0711 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 07 Township: 09.0S Range: 17.0E Meridian: S	<b>COUNTY:</b> DUCHESNE	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/24/2015  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
5 YR MIT performed on the above listed well. On 06/24/2015 the casing was pressured up to 1103 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1487 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08442		<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 30, 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> 6/25/2015	

## 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: 6 124 115  
 Test conducted by: PETE MONTAGUE  
 Others present: \_\_\_\_\_

Well Name: <u>DELUGA 13-7-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT BUTTE</u>		
Location: <u>13</u> Sec: <u>7</u> T <u>9</u> N <u>(S)</u> R <u>17</u> E <u>(W)</u>	County: <u>DUCHESSNE</u>	State: <u>WY</u>
Operator: <u>NEWFIELD Exp</u>		
Last MIT: <u>1 1</u>	Maximum Allowable Pressure: <u>1725</u>	PSIG

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

Pre-test casing/tubing annulus pressure: 0 / 1101 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1488</u> psig	psig	psig
End of test pressure	<u>1487</u> psig	psig	psig
<b>CASING/TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>11</u> psig	psig	psig
5 minutes	<u>1101</u> psig	psig	psig
10 minutes	<u>1102</u> psig	psig	psig
15 minutes	<u>1102</u> psig	psig	psig
20 minutes	<u>1103</u> psig	psig	psig
25 minutes	<u>1103</u> psig	psig	psig
30 minutes	<u>1103</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

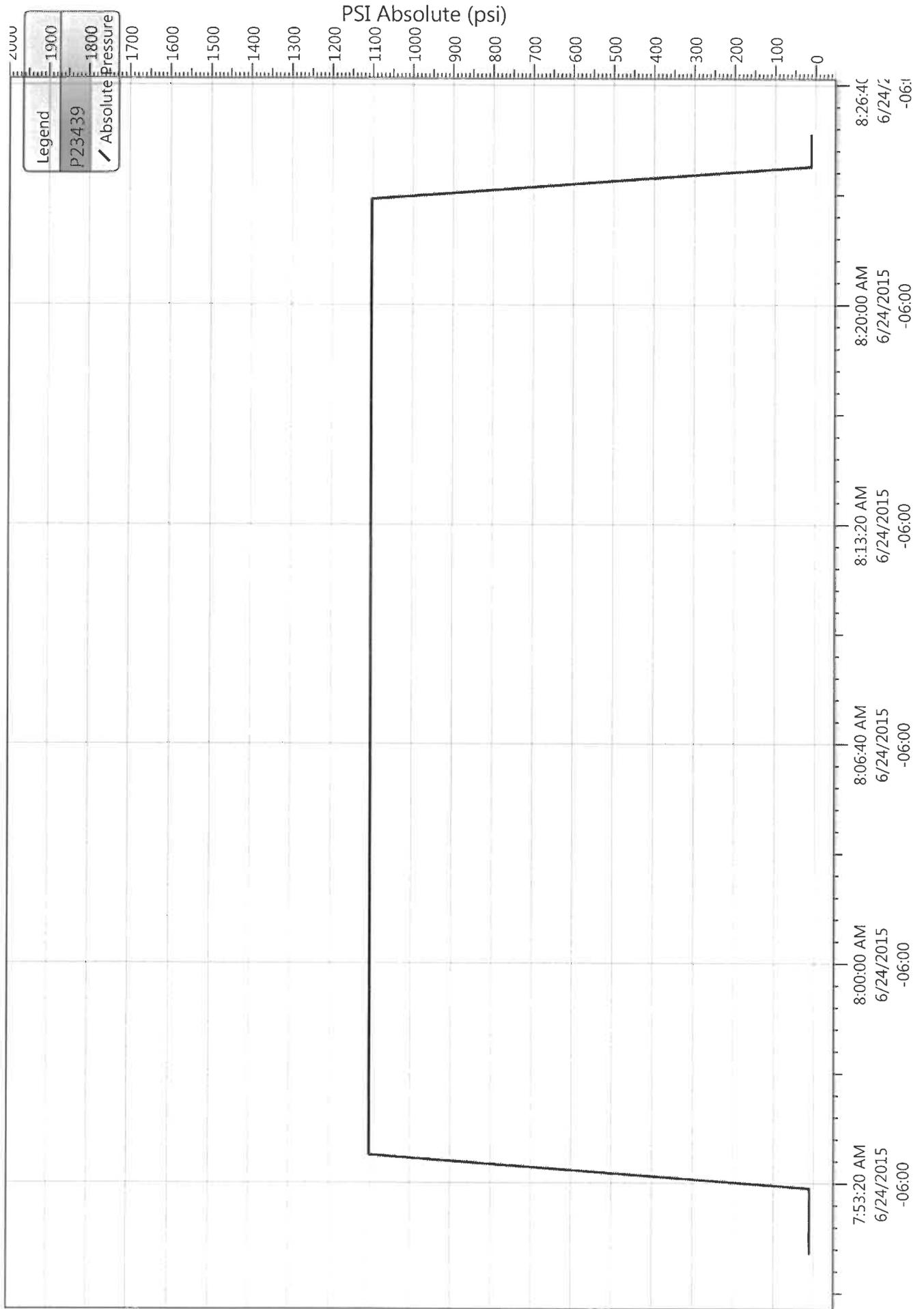
Does the annulus pressure build back up after the test?  Yes  No

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

Beluga 13-7-9-17, 5 Year MIT, (6-24-15)  
6/24/2015 7:49:57 AM



# Beluga 13-7-9-17

Spud Date: 9 9 2003  
 Put on Production: 9 21 04  
 GL: 5384' KB: 5396'

## Injection Wellbore Diagram

### SURFACE CASING

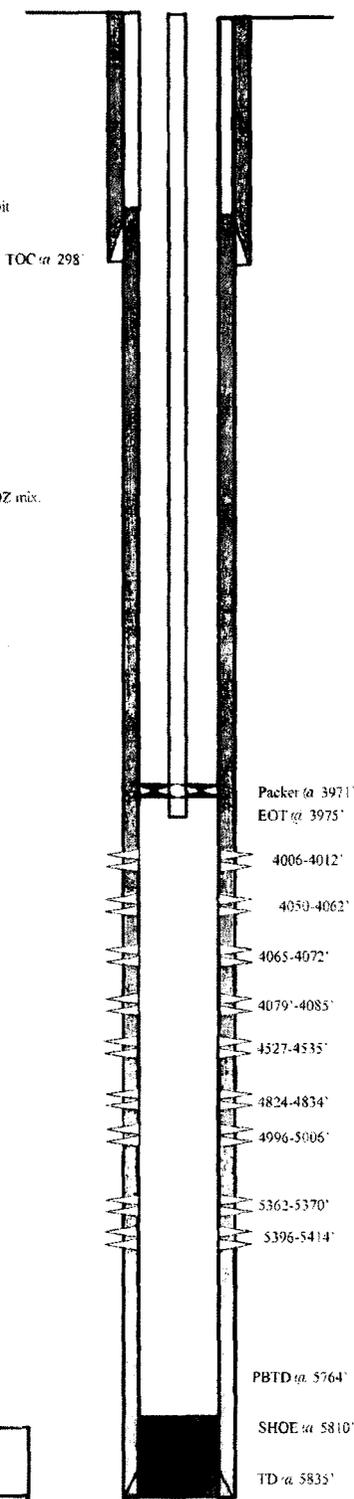
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.67')  
 DEPTH LANDED: 313.67' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150 sxs Class "G" mixed cmt. est. 2.5 bbls cmt to pit

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (5814.53')  
 DEPTH LANDED: 5810.13' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50.50 POZ mix.  
 CEMENT TOP AT: 298'

### TUBING

SIZE GRADE WT.: 2 7/8" J-55 6.5#  
 NO. OF JOINTS: 126 jts. (3954.4')  
 SPACING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 3966.4' KB  
 CE @ 3971.05'  
 TOTAL STRING LENGTH: EOT @ 3975' w/ 12' KB



### FRAC JOB

9 14 04 5362-5414' **Frac CP1 & CP.5 sands as follows:**  
 100,054# 20-40 sand in 726 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 1285 psi  
 w avg rate of 25 BPM. ISIP 1900. Calc  
 flush: 5350 gal. Actual flush: 5351 gal.

9 14 04 4996-5006' **Frac A1 sands as follows:**  
 49,839# 20-40 sand in 416 bbls Lightning  
 Frac 17 fluid. Treated @ avg press of 1577 psi  
 w avg rate of 25.4 BPM. ISIP 2060 psi. Calc  
 flush: 4993 gal. Actual flush: 4994 gal.

9 15 04 4824-4834' **Frac B2 sands as follows:**  
 50,364# 20-40 sand in 429 bbls lightning Frac  
 17 fluid. Treated @ avg press of 2225 psi  
 w avg rate of 25.2 BPM. ISIP 1948 psi.  
 flush: 4753 gal. Actual flush: 44784 gal.

Screened Out: Calc

9 15 04 4527-4535' **Frac D1 sands as follows:**  
 17,120# 20-40 sand in 228 bbls lightning Frac  
 17 fluid. Treated @ avg press of 2055 psi  
 w avg rate of 25.3 BPM. ISIP 1835 psi. Calc  
 flush: 4405 gal. Actual flush: 4406 gal.

03 29 07 **Work-over - Rod & Tubing detail updated.**

7 20 10 4006-4012' **Frac GB4 sands as follows:**  
 12715# 20-40 sand in 164 bbls lightning Frac  
 17 fluid.

7 22 10 **Convert to Injection well.**

7 28 10 **MIT Completed -- tbg detail updated**

### PERFORATION RECORD

Date	Depth Range	Number of Holes	Notes
9 9 04	5396-5414'	4	JSPF 72 holes
9 9 04	5362-5370'	4	JSPF 32 holes
9 14 04	4996-5006'	4	JSPF 40 holes
9 14 04	4824-4834'	4	JSPF 40 holes
9 15 04	4527-4535'	4	JSPF 32 holes
7 20 10	4006-4012'	3	JSPF 18 holes

**NEWFIELD**

Beluga 13-7-9-17  
 802' FSL & 711' FWL  
 SW/SW Section 7-T9S-R17E  
 Duchesne Co, Utah  
 API #43-013-32276; Lease #UTU-64381