

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN []
1b. TYPE OF WELL OIL WELL [X] GAS WELL [] OTHER [] SINGLE ZONE [] MULTIPLE ZONE []

2. NAME OF OPERATOR Inland Production Company
3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At Surface NE/SE
At proposed Prod. Zone 1980' FSL & 660' FEL
604 201

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
14.6 Miles south of Myton, UT

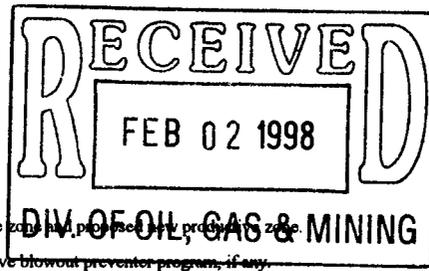
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'
16. NO. OF ACRES IN LEASE 1188.92
17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 6500'
19. PROPOSED DEPTH 6500'
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5439.9' GR
22. APPROX. DATE WORK WILL START* 2nd Quarter 1998

23. PROPOSED CASING AND CEMENTING PROGRAM
Table with columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Content: 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, "A" through "G".

The Conditions of Approval are 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 Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 1/27/98

(This space for Federal or State office use)

PERMIT NO. 43-013-32053 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 [Signature] TITLE Manager DATE 3/18/98

*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.

R
16
E

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

N89°52'E - 78.57 (G.L.O.)

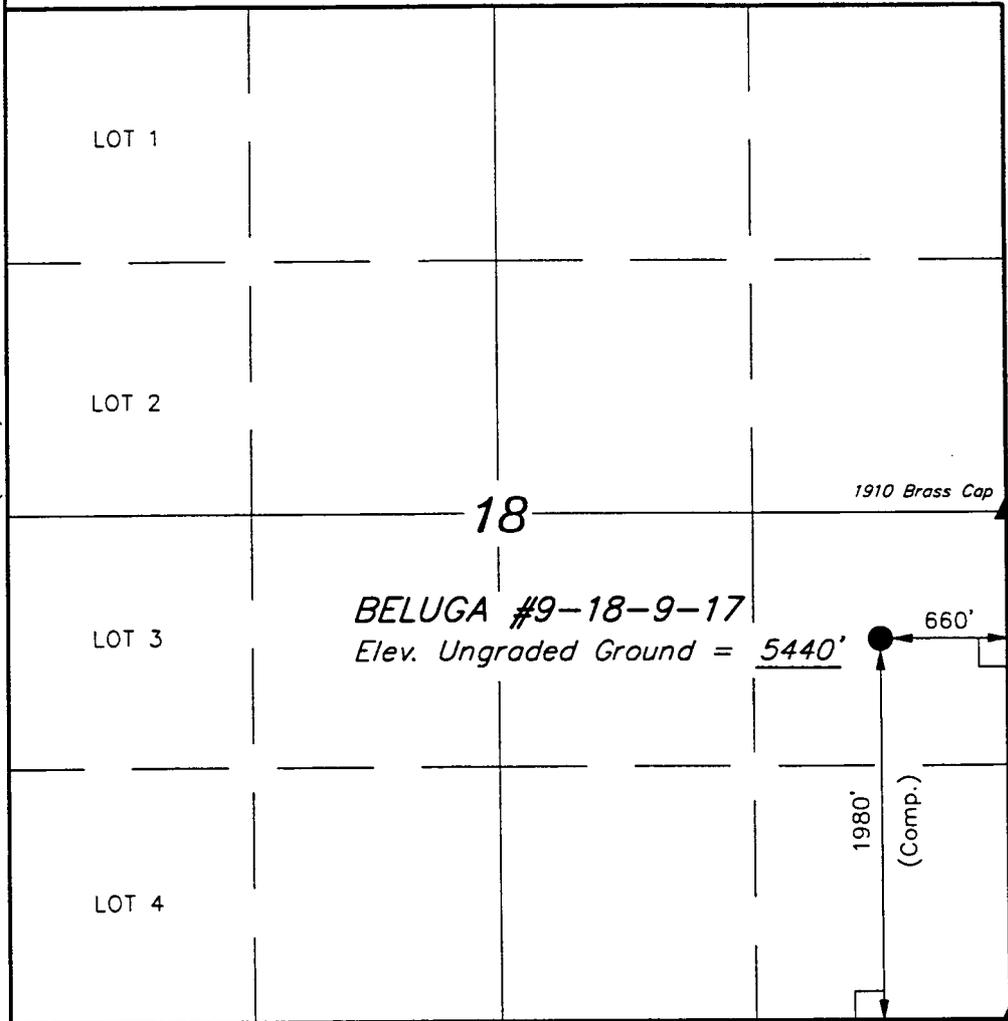
INLAND PRODUCTION CO.

Well location, BELUGA #9-18-9-17, located as shown in the NE 1/4 SE 1/4 of Section 18, T9S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 18, T9S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5459 FEET.

NORTH - (G.L.O.)



N00°03'W - (G.L.O.)

N00°03'W - G.L.O. (Basis of Bearings)
2638.83' (Measured)

BELUGA #9-18-9-17
Elev. Ungraded Ground = 5440'

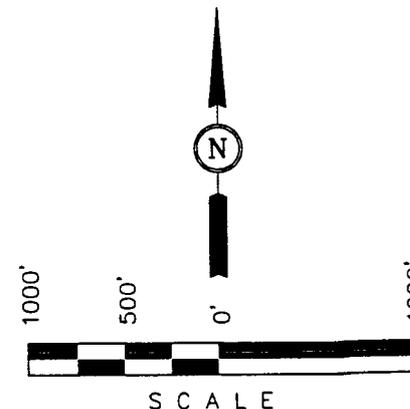
1980'
(Comp.)

660'

1910 Brass Cap

N89°51'E - 78.66 (G.L.O.)

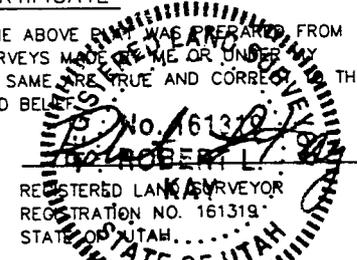
1910 Brass Cap



SCALE

CERTIFICATE

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



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NOTE:
THE PROPOSED WELL HEAD BEARS S44°56'59"W 933.37' FROM THE EAST 1/4 CORNER OF SECTION 18, T9S, R17E, S.L.B.&M.

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-20-97	DATE DRAWN: 01-15-98
PARTY J.F. D.K. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE INLAND PRODUCTION CO.	

INLAND PRODUCTION COMPANY
BELUGA #9-18-9-17
NE/SE SECTION 18, 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' – 1460'
Green River	1460'
Wasatch	6500'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1460' – 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 "F".

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 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY
BELUGA #9-18-9-17
NE/SE SECTION 18, T9S, R16E
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 #9-18-9-17 located in the NE 1/4 SE 1/4 Section 18, T9S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles \pm to the junction of this highway and UT State Hwy 53; proceed southerly along this road 6.3 miles \pm to its junction with a dirt road to the southeast; continue southeasterly 1.6 miles to its junction with a dirt road; continue an additional 3.5 miles to its junction with a dirt road to the southwest; proceed southwesterly 1.7 miles to its junction with a dirt road to the southeast; proceed southeasterly 0.5 miles to the beginning of the proposed access road.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "D".

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 "C".

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. See Exhibit "E".

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). Refer to Exhibit "E".

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 *Archaeological Survey & Pipeline ROW*

The Archaeological Cultural Resource Survey Report is attached.

Inland Production Company requests that a pipeline ROW be granted to the Beluga #9-18-9-17 for a 3" poly fuel gas line, and a 4" poly gas gatherline line. Both lines will be run on surface, adjacent to the existing road-way; the route will follow existing roads where possible. Inland requests that a 30' width for the ROW and an additional 30' width for working surface as necessary. Refer to Exhibit "G".

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron
Address: P.O. Box 790233 Vernal, Utah 84079
Telephone: (435) 789-1866

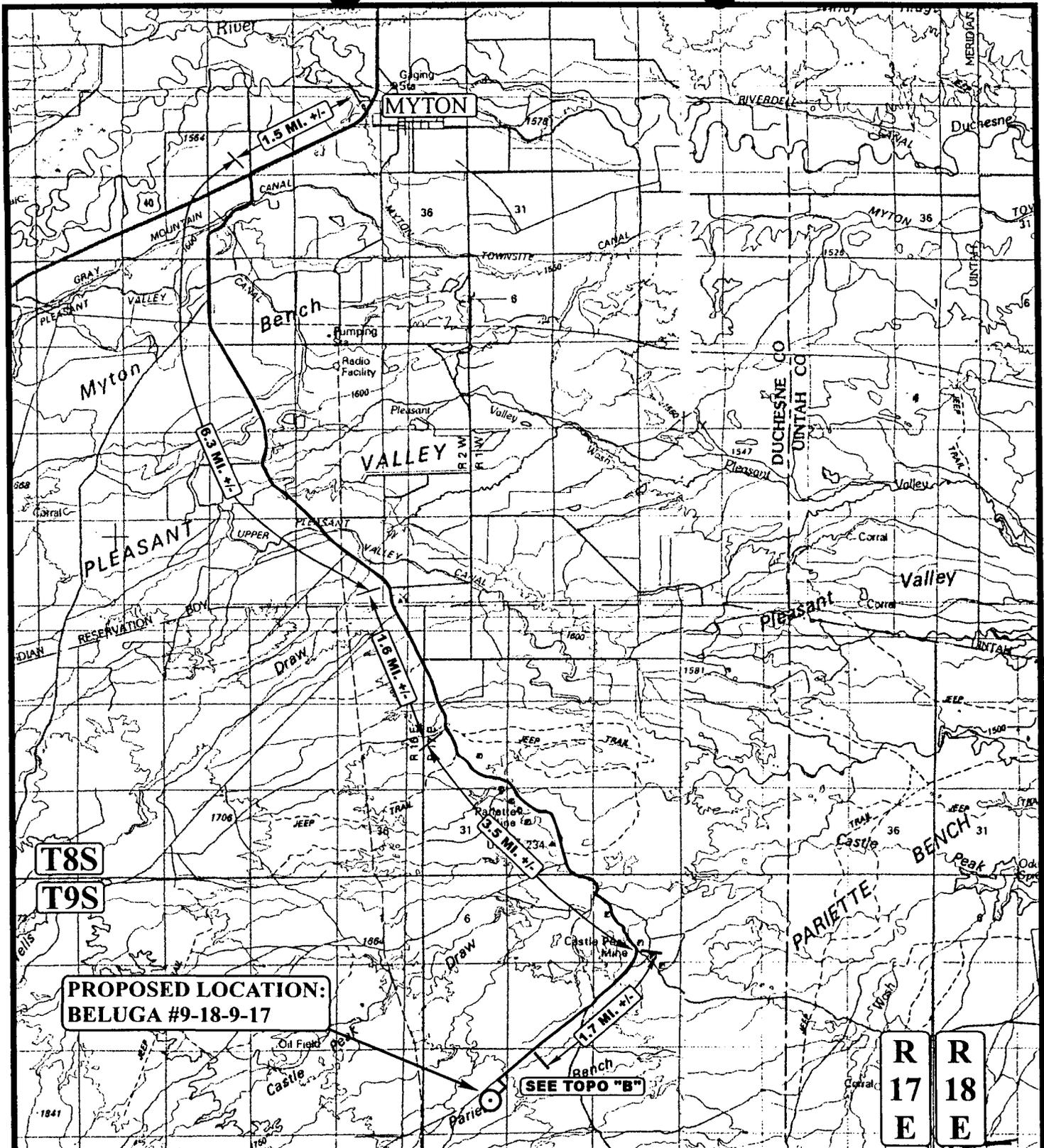
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #9-18-9-NE/SE Section 18, Township 9S, Range 17E: Lease UTU-72106 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

1/27/98
Date


Cheryl Cameron
Regulatory Compliance Specialist



**PROPOSED LOCATION:
BELUGA #9-18-9-17**

**R R
17 18
E E**

LEGEND:

⊙ PROPOSED LOCATION



INLAND PRODUCTION CO.

**BELUGA #9-18-9-17
SECTION 18, T9S, R17E, S.L.B.&M.
1980' FSL 660' FEL**



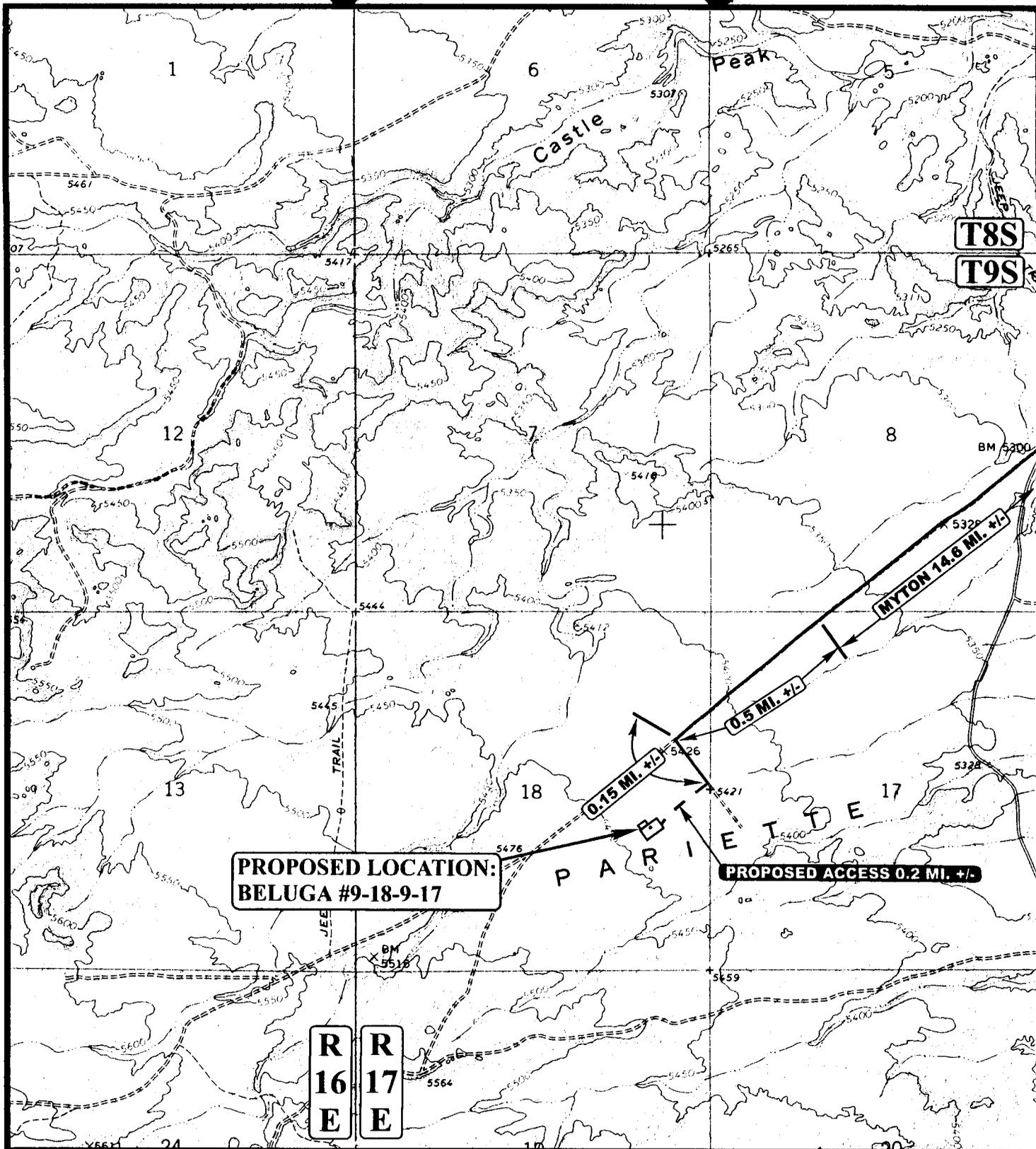
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

1 15 98
MONTH DAY YEAR



SCALE: 1 : 100,000 DRAWN BY: D.COX REVISED: 00-00-00



**PROPOSED LOCATION:
BELUGA #9-18-9-17**

PROPOSED ACCESS 0.2 MI. +/-

MYTON 14.6 MI. +/-
0.5 MI. +/-

0.15 MI. +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD



INLAND PRODUCTION CO.

BELUGA #9-18-9-17
SECTION 18, T9S, R17E, S.L.B.&M.
1980' FSL 660' FEL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
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TOPOGRAPHIC
MAP

1	15	98
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: D.COX REVISED: 00-00-00



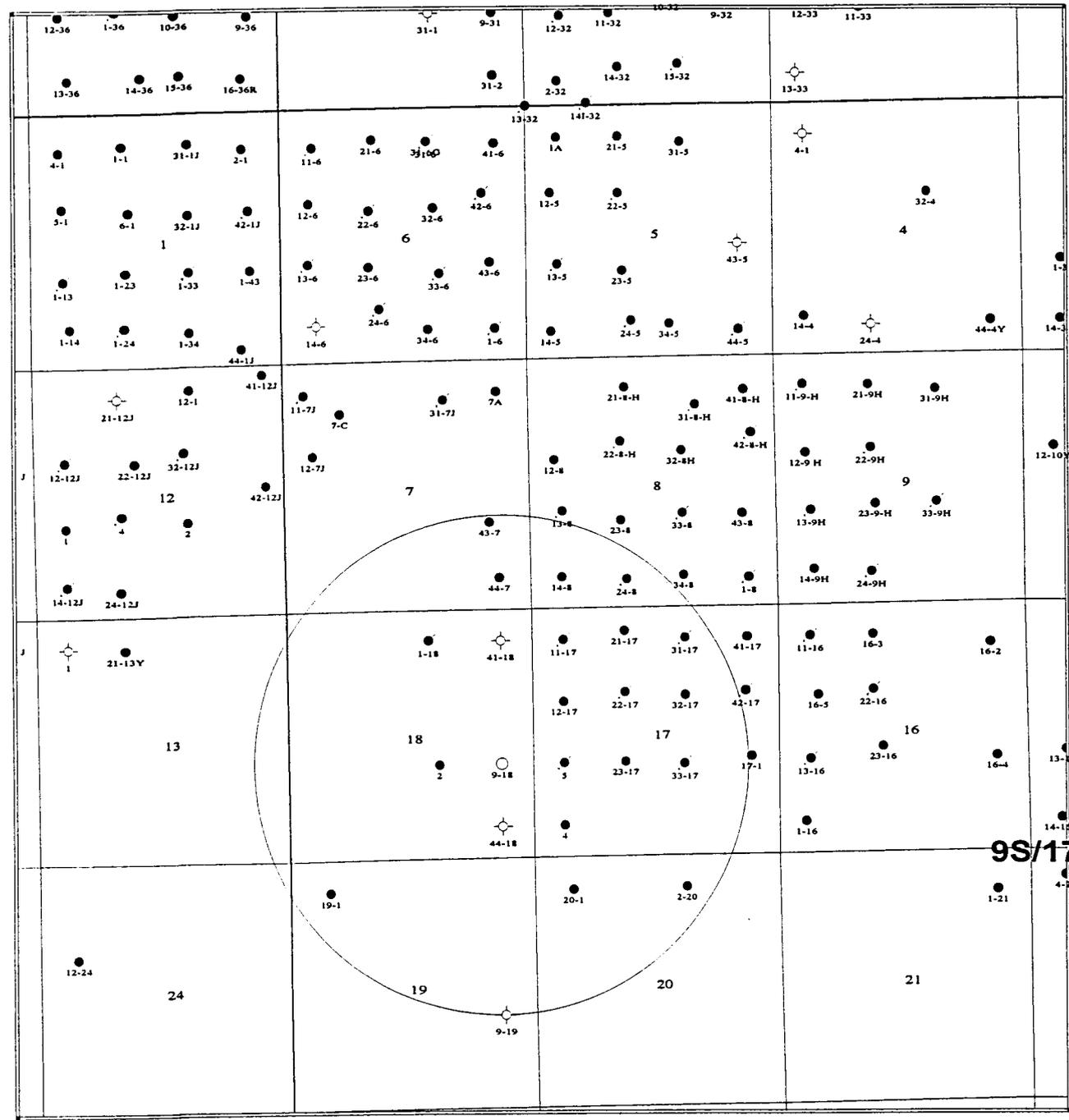


EXHIBIT "D"

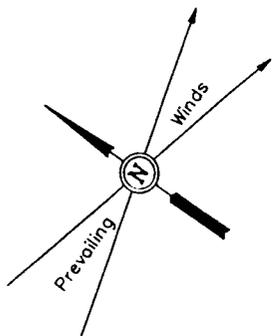
INLAND PRODUCTION COMPANY		
ONE MILE RADIUS Beluga #9-18		
Josh Atkinson		1/5/98
	Scale 1:60044.37	

INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

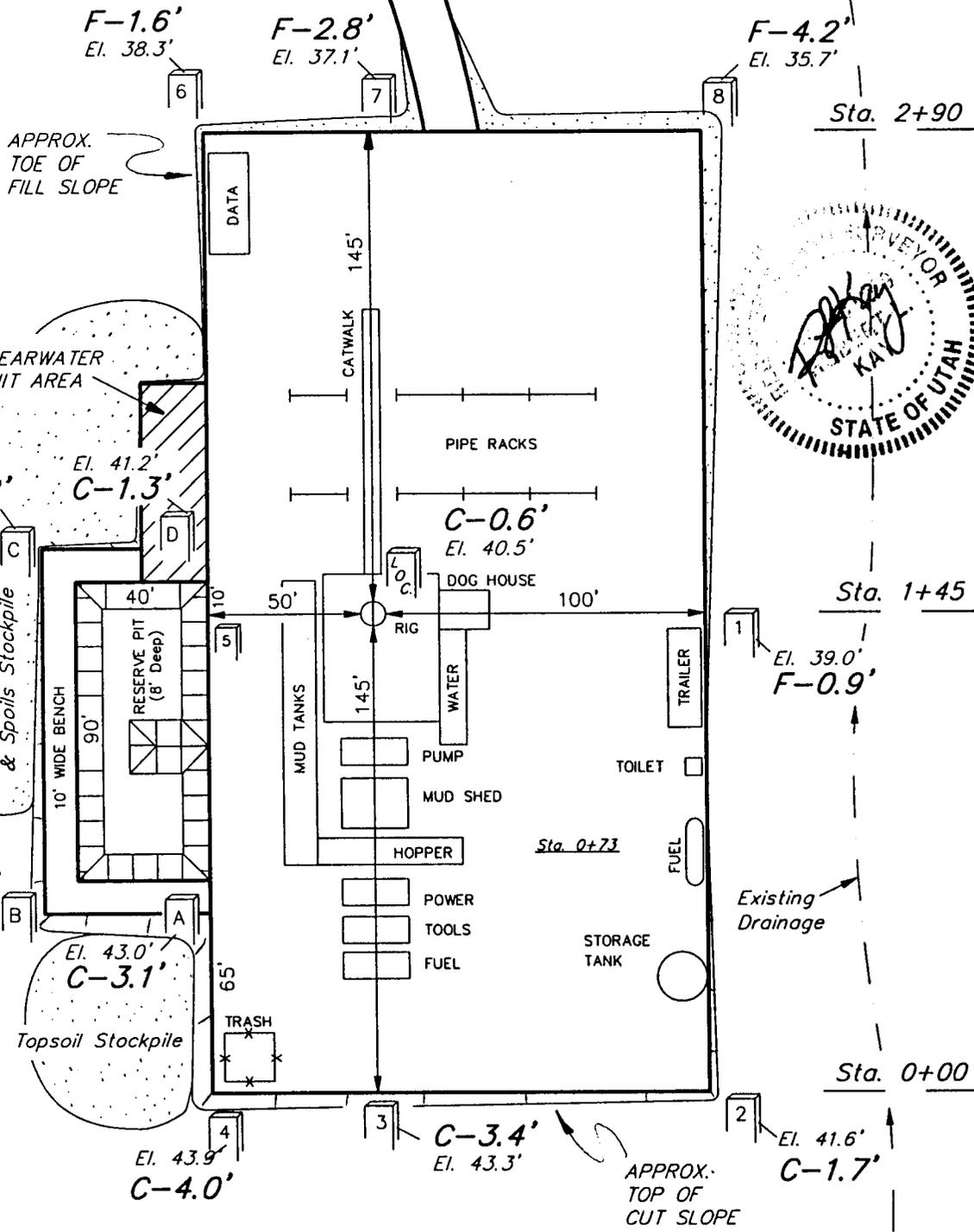
BELUGA #9-18-9-17
SECTION 18, T9S, R17E, S.L.B.&M.

1980' FSL 660' FEL



SCALE: 1" = 50'
Date: 01-15-98
Drawn By: D.R.B.

Proposed Access Road



NOTE:
PIT CAPACITY
WITH 2' OF
FREEBOARD
= 2,030 Bbls.

EL. 40.7'
C-8.8'
(Btm. Pit)

EL. 41.2'
C-1.3'

EL. 42.6'
C-10.7'
(Btm. Pit)

EL. 43.0'
C-3.1'

EL. 43.9'
C-4.0'

EL. 39.0'
F-0.9'

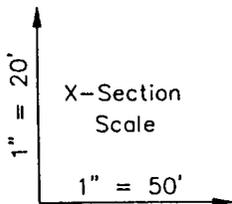
EL. 41.6'
C-1.7'

Elev. Ungraded Ground at Location Stake = **5440.5'**
Elev. Graded Ground at Location Stake = **5439.9'**

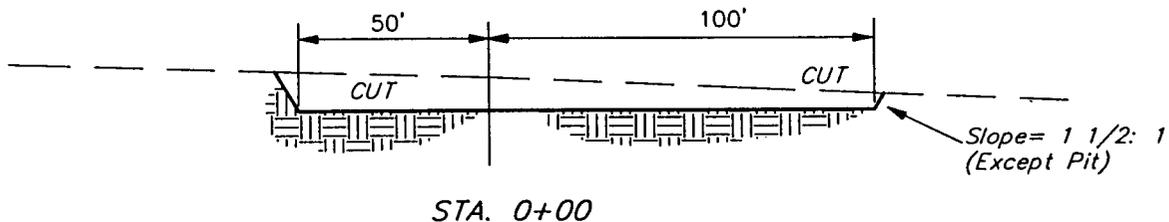
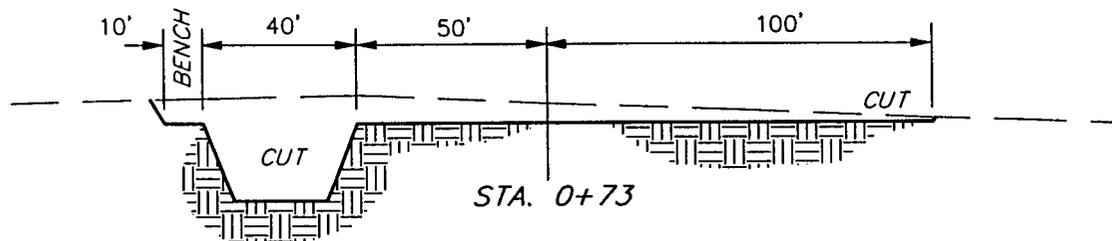
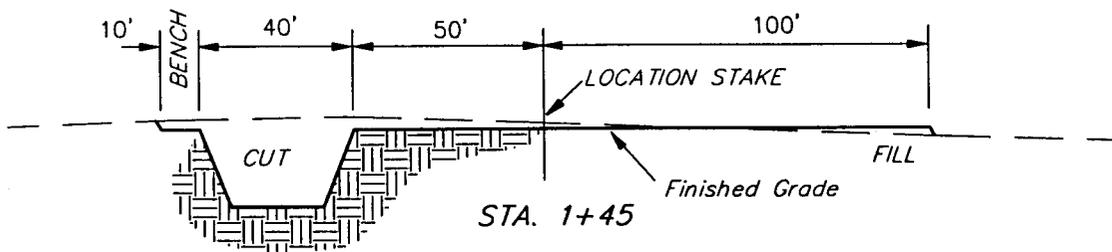
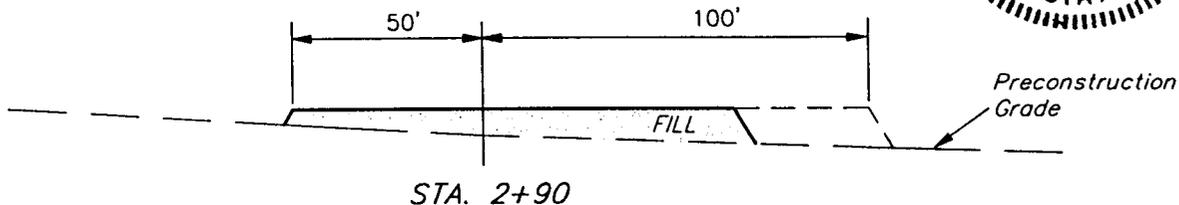
INLAND PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

BELUGA #9-18-9-17
SECTION 18, T9S, R17E, S.L.B.&M.
1980' FSL 660' FEL



Date: 01-15-98
Drawn By: D.R.B.



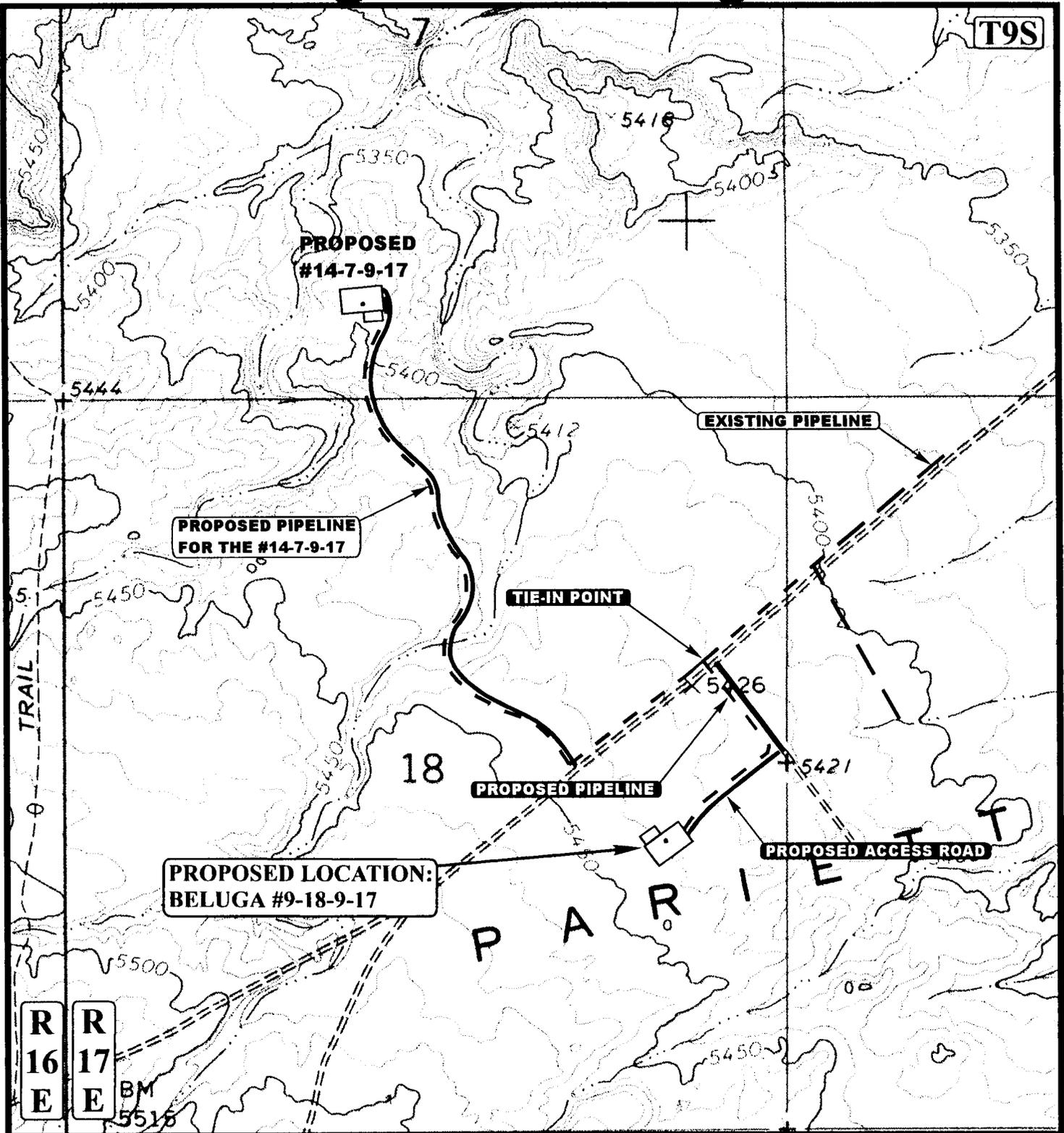
APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 870 Cu. Yds.
Remaining Location	= 2,110 Cu. Yds.
TOTAL CUT	= 2,980 CU.YDS.
FILL	= 1,690 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,200 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,200 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

T9S



APPROXIMATE TOTAL PIPELINE DISTANCE = 1700' +/-

LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS



INLAND PRODUCTION CO.

BELUGA #9-18-9-17
 SECTION 18, T9S, R17E, S.L.B.&M.
 1980' FSL 660' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
 MAP

1	15	98
MONTH	DAY	YEAR

SCALE: 1" = 1000' | DRAWN BY: D.COX | REVISED: 00-00-00



Well No.: Beluga 9-18-9-17

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Beluga 9-18-9-17

API Number:

Lease Number: UTU-72106

Location: NESE Sec. 18, T9S, R17E

GENERAL

Access pad from NW, off of existing improved road.

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.*

BURROWING OWL: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and July 15. No new construction or surface disturbing activities will be allowed between April 1 and July 15 within a 0.5 mile radius of any active burrowing owl nest.

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.*

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

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/02/98

API NO. ASSIGNED: 43-013-32053

WELL NAME: BELUGA 9-18-9-17
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:
 NESE 18 - T09S - R17E
 SURFACE: 1980-FSL-0660-FEL
 BOTTOM: 1980-FSL-0660-FEL
 DUCHESNE COUNTY
 MONUMENT BUTTE FIELD (105)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED
 LEASE NUMBER: U - 72106

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

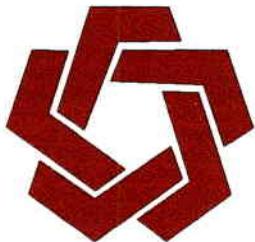
Plat
 Bond: Federal State Fee
 (Number 4488944)
 Potash (Y/N)
 Oil shale (Y/N)
 Water permit
 (Number GILSONITE STATE)
 RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

R649-2-3. Unit: BELUGA
 ___ R649-3-2. General.
 ___ R649-3-3. Exception.
 ___ Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS: _____

STIPULATIONS: _____



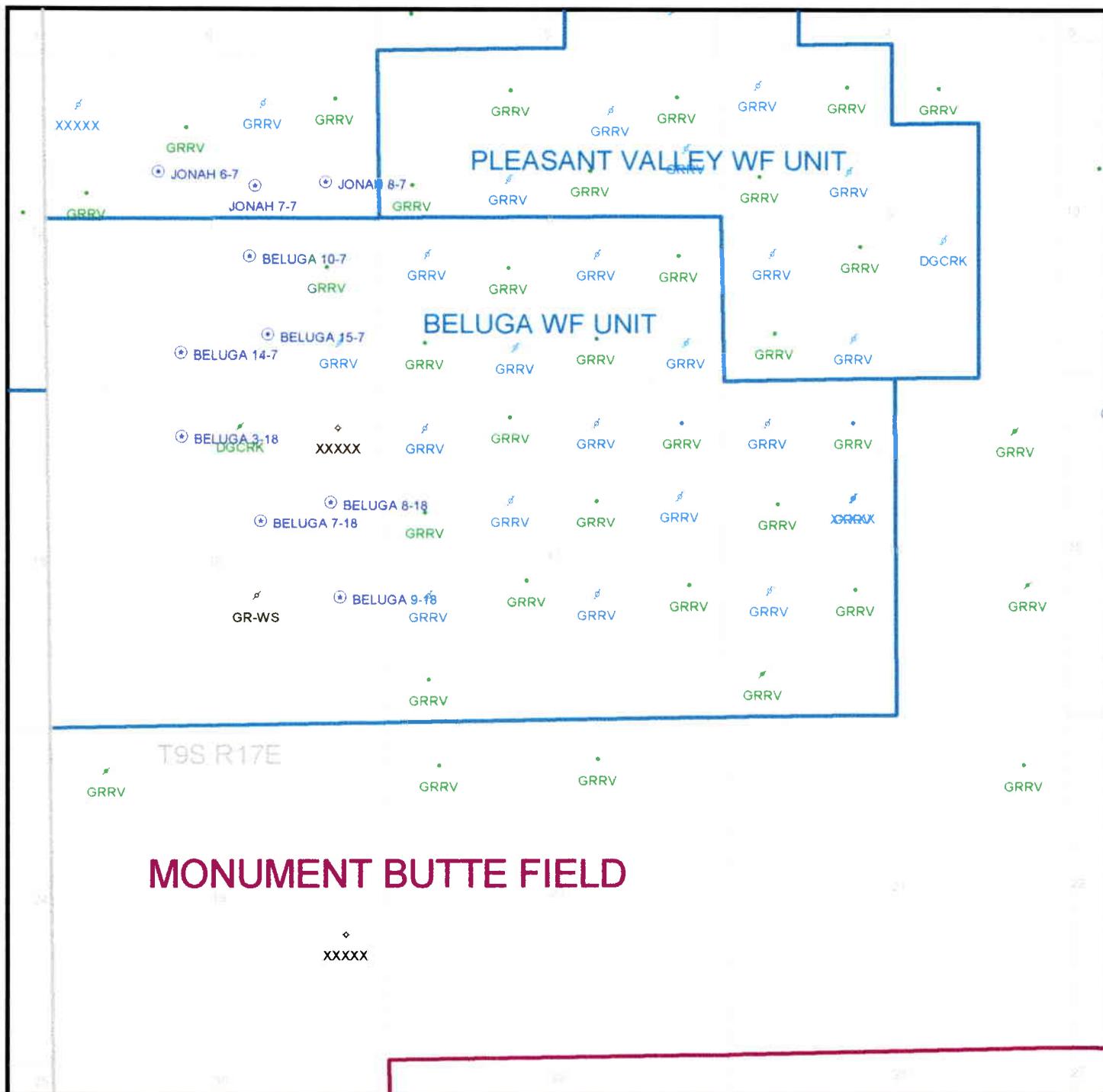
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION (N5160)

FIELD: MONUMENT BUTTE (105)

SEC. TWP. RNG.: SEC. 7 & 18, T9S, R17E

COUNTY: DUCHESNE UAC: R649-2-3 BELUGA WATERFLOOD



DATE PREPARED:
4-FEB-1998



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

Michael O. Leavitt
Governor
Ted Stewart
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)

March 18, 1998

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079

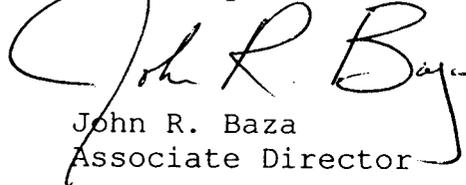
Re: Beluga 9-18-9-17 Well, 1980' FSL, 660' FEL, NE SE, Sec. 18,
T. 9 S., R. 17 E., Duchesne County, Utah

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 43-013-32053.

Sincerely,



John R. Baza
Associate Director

lwp

Enclosures

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

Operator: Inland Production Company
Well Name & Number: Beluga 9-18-9-17
API Number: 43-013-32053
Lease: UTU-72106
Location: NE SE Sec. 18 T. 9 S. R. 17 E.

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 following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall 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.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Beluga 9-18-9-17

API Number: 43-013-32053

Lease Number: U -72106

Location: NESE Sec. 18 T. 9S R. 17E

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 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 ± 454 ft. or by setting surface casing to 500 ft. and having a cement for the production casing at least 200 ft. above the shallowest potential productive zone,

SURFACE USE PROGRAM
Conditions of Approval (COAs)

Location Reclamation

The following seed mixture will be used on the stock piled topsoil, reclamation of the reserve pit, and for final reclamation: (All poundages are in Pure Live Seed)

needle and thread	Stipa comata	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
fourwing saltbush	Atriplex canescens	4 lbs/acre
western wheatgrass	Agropyron smithii	2 lbs/acre

The location topsoil pile shall be seeded immediately after site construction by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed.

The reserve pit shall have a small amount of topsoil stock piled near by as shown on the cut sheet to be used to spread over the reserve pit area at the time the reserve pit is reclaimed.

Once the reserve pit is dry, it shall be filled, recontoured, topsoil spread, and seeded in the same manner discussed above.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: BELUGA 9-18-9-17

Api No. 43-013-32053

Section 18 Township 9S Range 17E County DUCHESNE

Drilling Contractor UNION

Rig # 7

SPUDDED:

Date 4/20/98

Time _____

How ROTARY

Drilling will commence _____

Reported by MIKE WARD

Telephone # _____

Date: 4/27/98 Signed: JLT

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

OPERATOR Inland Production Company
ADDRESS 410 17th St., Suite 700
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

No. 3803 P. 2

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	12355	43-047-33084	Hancock 11-23-4-1	NE/SW	23	04S	01W	Wintah		

WELL 1 COMMENTS: Spud well w/Union, Rig #17 @ 2:00 pm, 4/7/98.
Entity added 4-24-98.

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	12356	43-013-30020	South Pleasant Valley 7-15-9-17	SE/NE	15	09S	17E	Duchesne		

WELL 2 COMMENTS: Spud well w/Union, Rig #7 @ 12:30 pm, 4/6/98.
Entity added 4-24-98.

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	12358	43-013-30000	Ashley Federal 12-1-9-15	NE/SW	1	09S	15E	Duchesne		

WELL 3 COMMENTS: Spud well w/ ZCM Drilling @ 11:00 am, 3/9/98.
ASHLEY UNIT Entity added 4-24-98. (Op. will notify Doern when Ashley Unit entity is desired).

RESOURCES

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	12359	43-013-30001	Ashley Federal 13-1-9-15	SW/SW	1	09S	15E	Duchesne		

WELL 4 COMMENTS: Spud well w/ Sierra Drilling @ 10:00 am, 3/16/98.
ASHLEY UNIT Entity added 4-24-98. (See comment above "Ashley Unit")

IN

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	11492	43-013-31987	Jonah 6-7	SE/NW	7	09S	17E	Duchesne		

WELL 5 COMMENTS: Spud well w/Union, Rig #7 @ 1:30 pm, 4/13/98
JONAH UNIT Entity added 4-24-98 "Jonah (GR) Unit"

11:14AM

Apr. 23. 1998

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.

Shannon Smith
Signature

Engineering Secretary 04/02/98
Title Date

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

OPERATOR Inland Production Company
 ADDRESS 410 17th St., Suite 700
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

No. 3803

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	12357	93-013-31973	Wells Draw 7-4	SW/NE	4	09S	16E	Duchesne		

WELL 1 COMMENTS: Spud well w/ zcm Drilling @ 2:25 pm, 4/15/98.
 Entity added 4-24-98.

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	43-013-32053	Beluga 9-10-9-17	NE/SE	18	09S	17E	Duchesne		

WELL 2 COMMENTS: Spud well w/ Union, Rig #7 @ 12:05 pm, 4/20/98.
 Beluga Unit Entity added 4-24-98. "Beluga (62) Unit".

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:

IN-D RESOURCES

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:

11:14AM

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:

Apr. 23. 1998

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.

Shawnon Smith
 Signature
 Engineering Secretary
 Title
 04/02/98
 Date

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.

U-72106

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

BELUGA 9-18-9-17

9. API Well No.

43-013-32053

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.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

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

1980 FSL 660 FEL Section 18, T09S 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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Weekly Status</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

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

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

WEEKLY STATUS REPORT FOR THE PERIOD OF 4/16/98 - 4/22/98

NU BOP's. Test lines, valves, rams & manifold to 2000 psi, csg to 1500 psi. TIH. Blow csg. Drl plug, cmt & GS. Drl & srvy 356' - 1636'.

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

Signed Shannon Smith Title Engineering Secretary Date 4/23/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-72106

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
BELUGA 9-18-9-17

9. API Well No.
43-013-32053

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.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1980 FSL 660 FEL Section 18, T09S 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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other Surface Spud
	<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.)*

MIRU Union #7. Drl & set 24' conductor. **SPUD WELL @ 12:05 PM, 4/20/98.** Drl & set MH & RH. Drl Kelly dn. NU airbowl & flowline. Drl 12-1/4" hole 20' - 356'. C&C. TOH. ND air bowl & flowline. Pull conductor. Run 8-5/8" GS, 8 jt 8-5/8", 24#, J-55, ST & C csg, WHI "W92", 2000 psi WP csg head (328'). Csg set @ 338'. RU Halliburton. Wash csg dn 5'. Pmp 5 bbl dye wtr & 20 bbl gel. Cmt w/140 sx Premium Plus w/2% CC & 1/2#/sk flocele & 15 sx Premium Plus (15.6 ppg 1.18 cf/sk yield). 6 bbls cmt to sfc. RD. WOC. NU BOP's.

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

Signed Shannon Smith Title Engineering Secretary Date 4/23/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:
CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-72106

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
BELUGA 9-18-9-17

9. API Well No.
43-013-32053

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.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1980 FSL 660 FEL NE/SE Section 18, T09S 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 <u>Weekly Status</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

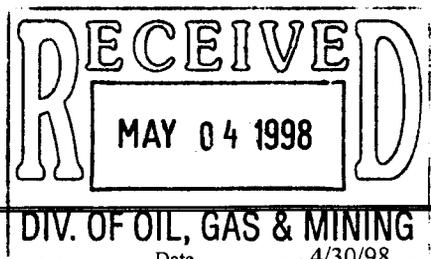
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

WEEKLY STATUS REPORT FOR THE PERIOD OF 4/23/98 - 4/29/98

Drilled 7-7/8" hole w/Union, Rig #7 from 1636' - 5600'.

Run 5-1/2" GS, 1 jt 5-1/2" csg (42'), 5-1/2" FC, 130 jt 5-1/2", 15.5#, J-55, LT & C csg (5572'). Csg set @ 5582'. RD. RU Halliburton & circ. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/270 sx Hibond 65 Modified (11.0 ppg 3.0 cf/sk yield) & 265 sx Thixotropic & 10% Calseal (14.2 ppg 1.59 cf/sk yield). Good returns until POB w/1600 psi 7:45 am, 4/26/98. Had 5 bbl gel returns. RD. NU BOP's. Set slips w/80,000#, dump pits, RD. Rig released @ 9:45 am, 4/26/98. RDMOL.



14. I hereby certify that the foregoing is true and correct
Signed Shannon Smith Title Engineering Secretary Date 4/30/98

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____

Conditions of approval, if any:
CC: UTAH DOGM

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.
U-72106

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
BELUGA 9-18-9-17

9. API Well No.
43-013-32053

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.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1980 FSL 660 FEL NE/SE Section 18, T09S R17E

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

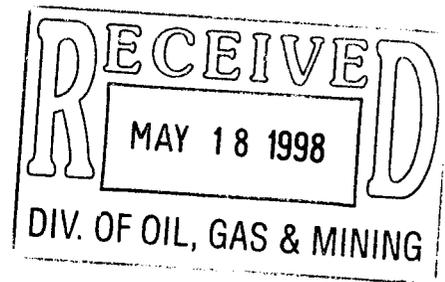
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input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

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

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

WEEKLY STATUS REPORT FOR THE PERIOD OF 5/7/98 - 5/13/98

Perf A sds @ 4883-89', 4909-13' & 4953- 62'.
 Perf C/D sd @ 4522-27', 4621-23' & 4626-34'.
 Perf GB sds @ 3947-64' & 3975-78'.



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

Signed Shannon Smith Title Engineering Secretary Date 5/14/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:
CC: UTAH DOGM

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

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.
U-72106

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
BELUGA 9-18-9-17

9. API Well No.
43-013-32053

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.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1980 FSL 660 FEL NE/SE Section 18, T09S R17E

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

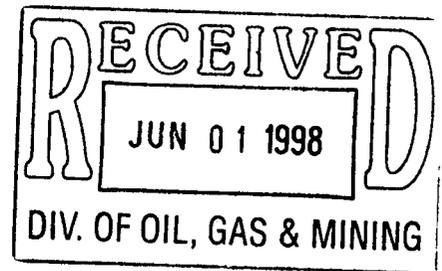
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input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

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

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

WEEKLY STATUS REPORT FOR THE PERIOD OF 5/14/98 - 5/20/98

Swab well. Trip production tbg.



14. I hereby certify that the foregoing is true and correct
Signed Shawna Smith Title Engineering Secretary Date 5/22/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-72106

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

BELUGA 9-18-9-17

2. Name of Operator

INLAND PRODUCTION COMPANY

9. API Well No.

43-013-32053

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

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

1980 FSL 660 FEL NE/SE Section 18, T09S R17E

11. County or Parish, State

DUCHESNE COUNTY, UTAH

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

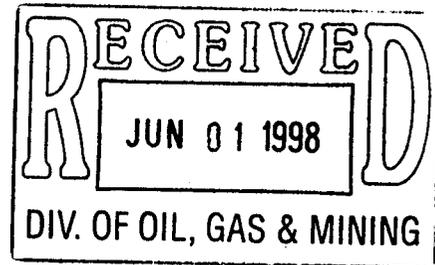
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input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

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

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

WEEKLY STATUS REPORT FOR THE PERIOD OF 5/21/98 - 5/27/98

Building flowline.



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

Signed Shannon Smith Title Engineering Secretary Date 5/28/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-72106

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
BELUGA 9-18-9-17

9. API Well No.
43-013-32053

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.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1980 FSL 660 FEL NE/SE Section 18, T09S R17E

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

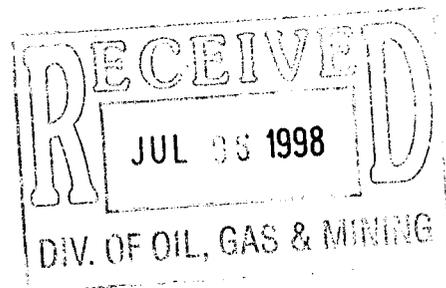
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input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

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

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

WEEKLY STATUS REPORT FOR THE PERIOD OF 6/25/98 - 7/1/98

Place well on production @ 2:30 pm, 6/26/98.



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

Signed Shannon Smith Title Engineering Secretary Date 7/2/98

(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

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESRV. Other _____

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
P.O. Box 790233 Vernal, UT 84079 (435) 789-1866

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface NE/SE
At top prod. interval reported below 1980' FSL & 660' FEL
At total depth _____

14. PERMIT NO. 43-013-32053 DATE ISSUED 3/17/98

5. LEASE DESIGNATION AND SERIAL NO.
U-72106

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME
Beluga Unit
UTU-75023X

8. FARM OR LEASE NAME
Beluga

9. WELL NO.
#9-18-9-17

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC. T., R., N., OR BLOCK AND SURVEY OR AREA
Sec. 18, T9S, R17E

12. COUNTY OR PARISH
Duchesne

13. STATE
UT

15. DATE SPUNDED 4/20/98 16. DATE T.D. REACHED 4/25/98 17. DATE COMPL. (Ready to prod.) 6/26/98 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5439.9' GR 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 5600' 21. PLUG, BACK T.D., MD & TVD 5537' 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 - Refer to Item #31

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIGL/SP/GR/CAL - CN/CD/GR - CBL 9/22/98

27. WAS WELL CORDED
No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	338'	12 1/4	140 sx Prem + w/ 2% CC & 1/2# /sk flocele	
5 1/2	15.5#	5582'	7 7/8	270 sx Hibond 65 Mod & 265 10% Calseal	sx Thixo &

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	EOT @ 5053'	TA @ 4863'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)
A 4883'-89', 4909'-13', 4953'-62'
C/D 4522'-27', 4621'-23', 4626'-34'
GB 3947'-64', 3975'-78'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
Refer to Item #37

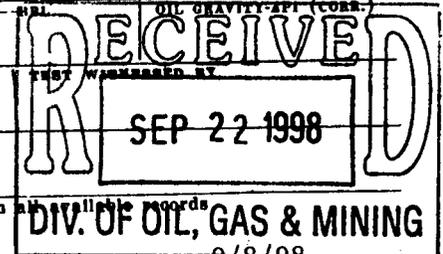
33.* PRODUCTION
DATE FIRST PRODUCTION 6/26/98 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2 1/2" X 1 1/2" X 12' X 16' RHAC pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/8/98	24	N/A	→	60	0	20	0

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
N/A

35. LIST OF ATTACHMENTS
Logs in Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Cheryl Cameron TITLE Regulatory Specialist DATE 9/8/98



*(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
Garden Gulch	3471'		<p>#32. Perf A sd 4883'-89', 4909'-13', 4953'-62', Frac w/ 121,320# 20/40 sd in 576 bbls Viking 1-25 fluid</p> <p>Perf C/D sd 4522'-27', 4621'-23', 4626'-34', Frac w/ 127,560# 20/40 sd in 580 bbls Viking 1-25 fluid</p> <p>Perf GB sd 3947'-64', 3975'-78', Frac w/ 123,840# 20/40 sd in 538 bbls Viking 1-25 fluid</p>			
Garden Gulch 2	3780'					
Point 3	4037'					
X Marker	4289'					
Y Marker	4324'					
Douglas Creek	4450'					
Bi-Carb	4682'					
B-Lime	4794'					
Castle Peak	5292'					
Basal Carb	NDE					

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

---ooOoo---

IN THE MATTER OF THE APPLICATION OF	:	
INLAND PRODUCTION COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF THE	:	
BELUGA 9-18-9-17 WELL LOCATED IN SEC.	:	NOTICE OF AGENCY
18, T 9 S, R 17 E; THE BALCRON MONUMENT	:	ACTION
FEDERAL 12-10-9-17 WELL LOCATED IN SEC.	:	
10, T 9 S, R 17 E; AND THE FEDERAL 2-1-9-16	:	CAUSE NO. UIC 283
WELL LOCATED IN SEC. 1, T 9 S, R 16 E,	:	
DUCHESNE COUNTY, UTAH, AS CLASS II	---	
INJECTION WELLS		

---ooOoo---

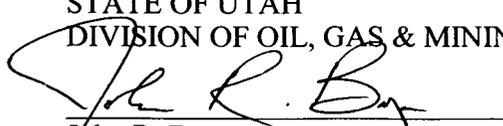
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Beluga 9-18-9-17 well, located in Section 18, Township 9 South, Range 17 East; the Balcron Monument Federal 12-10-9-17 well, located in Section 10, Township 9 South, Range 17 East; and the Federal 2-1-9-16 well, located in Section 1, Township 9 South, Range 16 East, Duchesne County, Utah, for conversion to Class II injection wells. These wells are located in the Beluga, Blackjack and Jonah Units respectively. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 12th day of December, 2001.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

John R. Baza
Associate Director

Inland Production Company
Beluga 9-18-9-17, Balcron Monument Federal 12-10-9-17 and Federal 2-1-9-16
Cause No. UIC 283

Publication Notices were sent to the following:

Inland Production Company
410 Seventeenth St, Suite 700
Denver, CO 80202

Via Facsimile (435) 722-4140
Uintah Basin Standard
268 S 200 E
Roosevelt, UT 84066-3109

via E-Mail and Facsimile (801) 237-2776
Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

Vernal District Office
Bureau of Land Management
170 S 500 E
Vernal, UT 84078

Duchesne County Planning
PO Box 317
Duchesne, UT 84066-0317

Dan Jackson
US EPA Region VIII, Suite 5000
999 18th Street
Denver, CO 80202-2466



Earlene Russell
Executive Secretary
December 13, 2001

Earlene Russell - Re: UIC 283

From: "NAC LEGAL" <naclegal@nacorp.com>
To: "Earlene Russell" <erussell.nrogn@state.ut.us>
Date: 12/13/2001 4:51 PM
Subject: Re: UIC 283

Ad is set for Tuesday, Dec. 18.
Thank you.

----- Original Message -----

From: Earlene Russell
To: naclegal@nacorp.com
Sent: Thursday, December 13, 2001 3:36 PM
Subject: UIC 283

Please notify me of the publishing date. Instruction letter follows the notice in the attached file.

Thanks.

ER

TRANSACTION REPORT

P. 01

DEC-13-2001 THU 04:17 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
DEC-13	04:16 PM	2372776	45"	2	SEND	OK	127	
TOTAL :						45S	PAGES:	2



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

Michael O. Leavitt
 Governor
 Kathleen Clarke
 Executive Director
 Lowell P. Braxton
 Division Director

1594 West North Temple, Suite 1210
 PO Box 145801
 Salt Lake City, Utah 84114-5801
 801-538-5340
 801-359-3940 (Fax)
 801-538-7223 (TDD)

December 12, 2001

SENT VIA E-MAIL AND FAX (801) 237-2776

Salt Lake Tribune
 PO Box 45838
 Salt Lake City, UT 84145

RE: Notice of Agency Action – Cause No. UIC 283

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

[Handwritten signature]



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

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Sincerely,

Earlene Russell
Earlene Russell
Secretary

encl.

TRANSACTION REPORT

P. 01

DEC-13-2001 THU 04:16 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
DEC-13	04:15 PM	14357224140	41"	2	SEND	OK	126	

TOTAL : 41S PAGES: 2



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

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
 PO Box 145801
 Salt Lake City, Utah 84114-5801
 801-538-5340
 801-359-3940 (Fax)
 801-538-7223 (TDD)

December 12, 2001

SENT VIA FAX (435) 722-4140 and Regular Mail

Uintah Basin Standard
 268 S 200 E
 Roosevelt, UT 84066-3109

RE: Notice of Agency Action – Cause No. UIC 283

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

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

IN THE MATTER OF THE APPLICATION OF
INLAND PRODUCTION COMPANY FOR
ADMINISTRATIVE APPROVAL OF THE
~~SOUTH WELLS DRAW 5-2-9-16 WELL~~
LOCATED IN SEC. 2, T 9 S, R 16 E; THE SOUTH
~~WELLS DRAW 13-2-9-16 WELL~~ LOCATED IN
~~SEC. 2, T 9 S, R 16 E;~~ AND THE WEST POINT
~~9-7-9-16 WELL~~ LOCATED IN SEC. 7, T 9 S, R 16
E, DUCHESNE COUNTY, UTAH, AS CLASS II
INJECTION WELLS

---ooOoo---

BELUGA 9-18-9-17

SEC 18, T 9 S, R 17 E

BALCROW Monument FEDERAL 12-104-9-17

SEC 10, T 9 S, R 17 E

NOTICE OF AGENCY
ACTION

CAUSE NO. UIC ~~202~~ 283

FEDERAL 2-1-9-16

SEC 1, T 9 S, R 16 E

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is
commencing an informal adjudicative proceeding to consider the application of Inland Production
Company for administrative approval of the ~~South Wells Draw 5-2-9-16 well, located in Section 2,
Township 9 South, Range 16 East, the South Wells Draw 13-2-9-16 well, located in Section 2,
Township 9 South, Range 16 East, and the West Point 9-7-9-16 well, located in Section 7, Township
9 South, Range 16 East, Duchesne County, Utah, for conversion to Class II injection wells. These
wells are located in the Monument Butte South and West Point Units respectively. The proceeding
will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.~~

AS
ABOVE

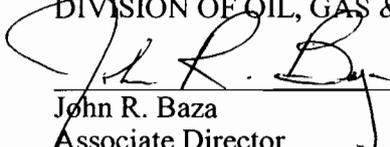
Selective zones in the Green River Formation will be used for water injection. The
maximum requested injection pressure and rate will be determined based on fracture gradient
information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding,
must file a written protest or notice of intervention with the Division within fifteen days following
publication of this notice. If such a protest or notice of intervention is received, a hearing will be
scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or
interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

BELUGA, BLACKJACK AND SO

Dated this 26th day of November, 2001.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING


John R. Baza
Associate Director



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)

December 12, 2001

SENT VIA FAX (435) 722-4140 and Regular Mail

Uintah Basin Standard
268 S 200 E
Roosevelt, UT 84066-3109

RE: Notice of Agency Action – Cause No. UIC 283

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

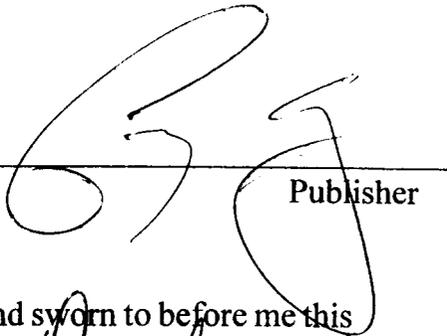

Earlene Russell
Secretary

encl.

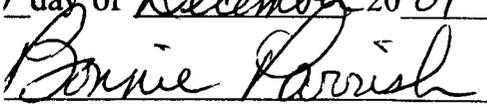
AFFIDAVIT OF PUBLICATION

County of Duchesne,
State of UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full page of such newspaper for 1 consecutive issues, and the first publication was on the 18 day of December, 2001, and that the last publication of such notice was in the issue of such newspaper dated the 8 day of December, 2001.



Publisher

Subscribed and sworn to before me this 7 day of December, 2001


Notary Public

 **BONNIE PARRISH**
NOTARY PUBLIC • STATE of UTAH
471 N. HILLCREST DR. (415-5)
ROOSEVELT, UT 84066
COMM. EXP 3-31-2004

NOTICE OF AGENCY ACTION CAUSE NO. UIC 283

IN THE MATTER OF THE APPLICATION OF INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE BELUGA 9-18-9-17 WELL LOCATED IN SEC. 18, T 9 S, R 17 E; THE BALCRON MONUMENT FEDERAL 12-10-9-17 WELL LOCATED IN SEC. 10, T 9 S, R 17 E; AND THE FEDERAL 2-1-9-16 WELL LOCATED IN SEC. 1, T 9 S, R 16 E, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Beluga 9-18-9-17 well, located in Section 18,

Township 9 South, Range 17 East; The Balcron Monument Federal 12-10-9-17 well, located in Section 10, Township 9 South, Range 17 East; the the Federal 2-1-9-16 well, located in Section 1, Township 9 South, Range 16 East, Duchesne County, Utah, for conversion to Class II injection wells. These wells are located in the Beluga, Blackjack and Jonah Units respectively. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Inland Production Company. Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 12th day of December, 2001.
STATE OF UTAH
DIVISION OF OIL
& MINING
John R. Baza
Associate Director
Published in the Uintah Basin Standard December 18, 2001.



November 30, 2001

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

Re: Permit Application for Water Injection Well
Beluga #9-18-9-17
Monument Butte Field, Beluga Unit, Lease #UTU-72106
Section 18-Township 9S-Range 17E
Duchesne County, Utah

UIC-283.1

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Beluga #9-18-9-17 from a producing oil well to a water injection well in the Beluga Unit of Monument Butte Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Joyce McGough or George Rooney at (303) 893-0102.

Sincerely,

Joyce McGough
Regulatory Specialist

Enclosure

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
BELUGA #9-18-9-17
MONUMENT BUTTE (GREEN RIVER) FIELD
LEASE #UTU-72106
BELUGA UNIT
NOVEMBER 30, 2001

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Attachment A-3	Certification for Surface Owner Notification
Attachment A-4	Well Location Plat
Attachment A-5	Name(s) and Address(es) of Surface Owners
Attachment B	Map of Wells/Area of Review
Attachment B-1	Area of Review with Proposed & Existing Water Lines
Attachment C	Corrective Action Plan and Well Data
Attachment C-1	Wellbore Diagram – Beluga #9-18-9-17
Attachment C-2	Wellbore Diagram – Beluga #8-18-9-17
Attachment C-3	Wellbore Diagram – Beluga #7-18-9-17
Attachment C-4	Wellbore Diagram – POMCO #2-18-9-17
Attachment C-5	Wellbore Diagram – Balcron Mon Butte Federal #41-18-9-17
Attachment C-6	Wellbore Diagram – Balcron Mon Butte Fed #12-17-9-17
Attachment C-7	Wellbore Diagram – POMCO #5-17-9-17
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Attachment E	Name and Depth of USDWs
Attachment E-1	Water Analysis of the Primary Fluid to be Injected
Attachment E-2	Water Analysis of the Formation Fluid to be Injected
Attachment E-3	Analysis of the Compatibility of the Injected and Formation Fluids
Attachment G	Geological Data on Injection and Confining Zones
Attachment G-1	Formation Tops
Attachment G-2	Proposed Maximum Injection Pressure (Fracture Calculation)
Attachment G-3	Fracture Reports Dated 5/9/98, 5/12/98 and 5/14/98
Attachment G-4	Drilling and Completion Reports dated 4/21/98 to 4/26/98 and 5/6/98 to 5/17/98
Attachment H	Operating Data
Attachment M	Construction Details
Attachment M-1	Wellbore Schematic of Beluga #9-18-9-17
Attachment M-2	Site Plan of Beluga #9-18-9-17
Attachment Q	Proposed Plugging and Abandonment Procedure
Attachment Q-1	EPA Form 7520-14 – Plugging and Abandonment Plan
Attachment Q-2	Wellbore Schematic of Proposed Plugging Plan
Attachment Q-3	Work Procedure for Plugging and Abandonment
Attachment R	Necessary Resources

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Inland Production Company
ADDRESS 410 17th Street, Suite 700
Denver, Colorado 80202

Well Name and number: Beluga #9-18-9-17
Field or Unit name: Monument Butte (Green River) Beluga Unit Lease No. UTU-72106
Well Location: QQ NE/SE section 18 township 9S range 17E county Duchesne

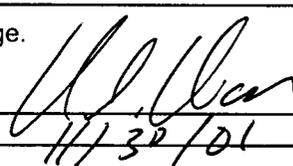
Is this application for expansion of an existing project? Yes [X] No []
Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
Disposal? Yes [] No [X]
Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]
If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]
Date of test: _____
API number: 43-013-32053

Proposed injection interval: from 3471' to 4794'
Proposed maximum injection: rate 500 bpd pressure 1884 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "R"

I certify that this report is true and complete to the best of my knowledge.

Name: W. T. War Signature 
Title Vice President Date 11/30/01
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Form 4 UIC	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY UNDERGROUND INJECTION CONTROL PERMIT APPLICATION <i>(Collected under the authority of the Safe Drinking Water Act. Sections 1421, 1422, 40 CFR 144)</i>	I. EPA ID NUMBER <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;"></td> <td style="width:10%; text-align: center;">T/A</td> <td style="width:10%; text-align: center;">C</td> </tr> <tr> <td style="text-align: center;">U</td> <td></td> <td></td> </tr> </table>		T/A	C	U		
	T/A	C						
U								

READ ATTACHED INSTRUCTIONS BEFORE STARTING
FOR OFFICIAL USE ONLY

Application Approved <i>mo day year</i>	Date Received <i>mo day year</i>	Permit/Well Number	Comments
		43-013-32053	

II. FACILITY NAME AND ADDRESS				III. OWNER/OPERATOR AND ADDRESS			
Facility Name Beluga #9-18-9-17				Owner/Operator Name Inland Production Company			
Street Address Section 18 - Township 9S - Range 17E				Street Address 410 17th Street, Suite 700			
City Duchesne County			State Utah	Zip Code			
City Denver			State CO	Zip Code 80202			

IV. OWNERSHIP STATUS (Mark 'x')				V. SIC CODES			
<input checked="" type="checkbox"/> A. Federal <input type="checkbox"/> B. State <input type="checkbox"/> C. Private <input type="checkbox"/> D. Public <input type="checkbox"/> E. Other (Explain)							

VI. WELL STATUS (Mark 'x')								
<input checked="" type="checkbox"/> A. Operating		Date Started			<input checked="" type="checkbox"/> B. Modification/Conversion		C. Proposed	
		mo	day	year				
		6	26	98				

VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required)				
<input checked="" type="checkbox"/> A. Individual <input type="checkbox"/> B. Area Minor Modification		Number of Existing wells 14	Number of Proposed wells 1	Name(s) of field(s) or project(s) Beluga Unit

VIII. CLASS AND TYPE WELL (see reverse)				
A. Class(es) <i>(enter codes(s))</i> II	B. Type(s) <i>(enter codes(s))</i> R	C. If class is "other" or type is code 'x', explain NA		D. Number of wells per type (if area permit) 1

IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT													X. INDIAN LANDS (Mark 'x')			
A. Latitude			B. Longitude			Township and Range										
Deg	Min	Sec	Deg	Min	Sec	Twsp	Range	Sec	¼ Sec	Feet from	Line	Feet from	Line	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
						9S	17E	18	NESE	1980	S	660	E			

XI. ATTACHMENTS
(Complete the following questions on a separate sheet(s) and number accordingly; see instructions) FOR CLASSES I, II, III (and other classes) complete and submit on separate sheet(s) Attachments A -- U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application.

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

A. Name and Title (Type or Print) W. T. Ward Vice President		B. Phone No. (Area Code and No.) 303-893-0102	
C. Signature 		D. Date Signed 11/30/01	

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down, move out.

Spud Date: 4-20-98
 Put on Production: 6-26-98
 GL: 5439.9' KB: 5450'

Beluga #9-18-9-17

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (328')
 DEPTH LANDED: 338'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sx Premium, est 6 bbl to surface

PRODUCTION CASING

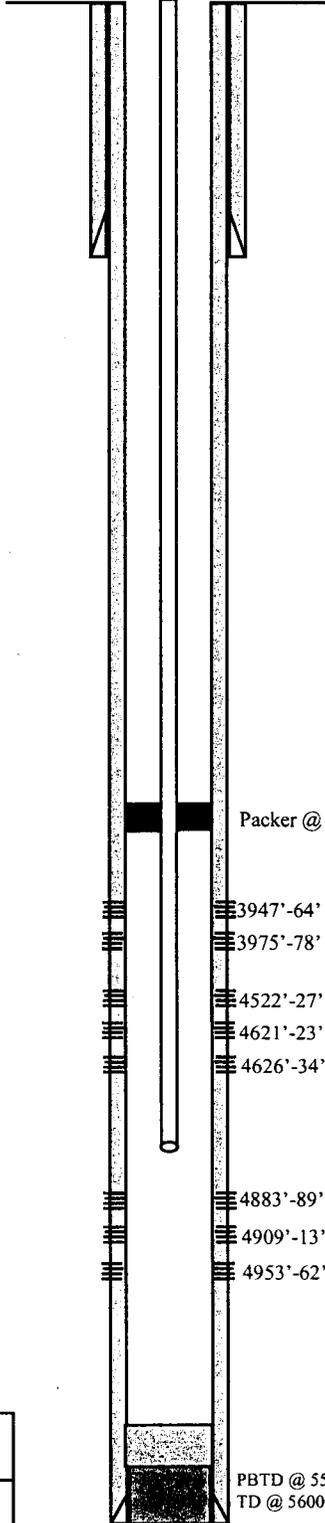
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5572')
 DEPTH LANDED: 5582'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 270 sx Hibond & 265 sx Thixotropic
 CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT: 2-7/8", M-50, 6.5#
 NO of JTS: 156 jts
 TUBING ANCHOR: 4863'
 SEAT NIPPLE: 4991'
 EOT: 5054'

FRAC JOB

- 5-9-98 4883'-4962' Frac A sand as follows:
 121,320# 20/40 sand in 576 bbls Viking. Perfs broke @ 2700 psi. Treated w/avg press of 1900 psi, w/avg rate of 32 BPM. ISIP-2500 psi, 5 min 2367 psi. Flowback on 12/64" ck for 4 hrs & died.
- 5-12-98 4522'-4634' Frac C/D sand as follows:
 127,560# 20/40 sand in 580 bbls Viking. Perfs broke @ 3143 psi. Treated w/avg press of 2000 psi, w/avg rate of 34.6 BPM. ISIP-2200 psi, 5 min 2200 psi. Flowback on 12/64" ck for 4-1/2 hrs & died.
- 5-14-98 3947'-3978' Frac GB sand as follows:
 123,840# 20/40 sand in 538 bbls Viking. Perfs broke @ 2970 psi. Treated w/avg press of 1550 psi, w/avg rate of 28 BPM. ISIP-1900 psi, 5 min 1621 psi. Flowback on 12/64" ck for 4 hrs & died.



Packer @ 3881'

3947'-64'

3975'-78'

4522'-27'

4621'-23'

4626'-34'

4883'-89'

4909'-13'

4953'-62'

PERFORATION RECORD

5-7-98	4883'-4889'	4 SPF	20 holes
5-7-98	4909'-4913'	4 SPF	16 holes
5-7-98	4953'-4962'	4 SPF	36 holes
5-10-98	4522'-4527'	4 SPF	20 holes
5-10-98	4621'-4623'	4 SPF	4 holes
5-10-98	4626'-4634'	4 SPF	32 holes
5-13-98	3947'-3964'	4 SPF	68 holes
5-13-98	3975'-3978'	4 SPF	12 holes

PBTD @ 5537'
 TD @ 5600'



Inland Resources Inc.

Beluga #9-18-9-17

1980 FSL 660 FEL

NESE Section 18-T9S-R18E

Duchesne Co, Utah

API #43-013-32053; Lease #UTU-72106

Revised by JM 11/28/01

ATTACHMENT A

AREA OF REVIEW METHODS

Give the methods and, if appropriate, the calculations used to determine the size of the area of review (fixed radius or equation). The area of review shall be a fixed radius of 1/4 mile from the well bore unless the use of an equation is approved in advance by the Director.

The area of review shall be a fixed radius of ½ mile from the Beluga #9-18-9-17. Inland Production Company has chosen to use a fixed radius of ½ mile to satisfy the requirements of both the EPA and the State of Utah.

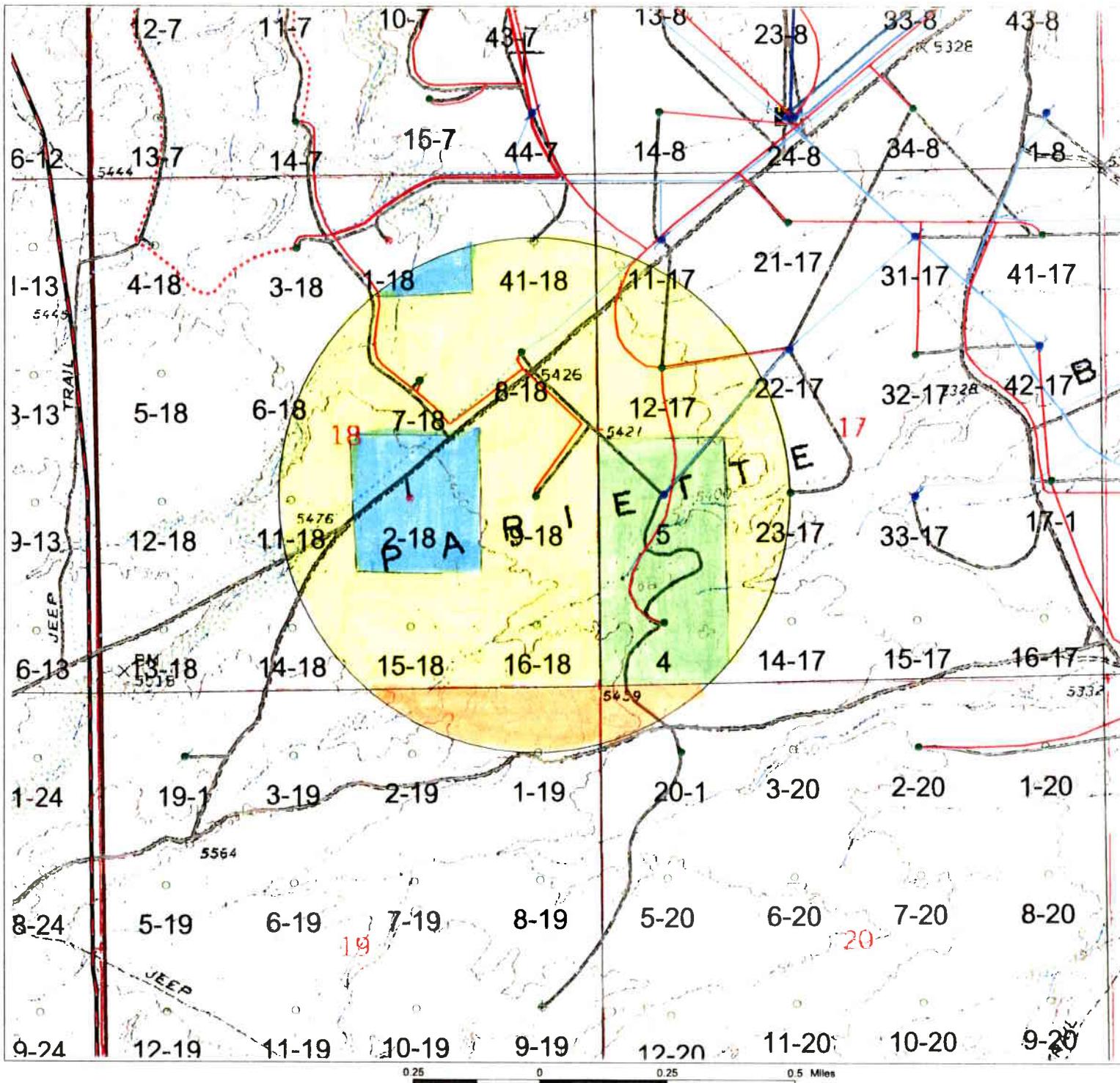
Attachment A-1 One-half Mile Radius Map

Attachment A-2 Listing of Surface Owners

Attachment A-3 Certification for Surface Owner Notification

Attachment A-4 Well Location Plat

Attachment A-5 Name(s) and Address(s) of Surface Owners



- 1/2 Mile Radius
- Water Taps
- Well Categories
 - INJ
 - WTR
 - SWD
 - OIL
 - GAS
 - DRY
 - SHUTIN
 - SUSPENDED
 - ABND
 - LOC
- Compressor Stations
 - Gas 10 Inch
 - Gas 6 Inch and larger
 - Proposed 6 Inch Gas
 - Gas 4 Inch and Smaller
 - Proposed Gas
 - Gas Buried
 - Petroglyph Gasline
 - Questar Gasline
 - Compressors - Other
- Gas Meters
 - Water 6 Inch
 - Water 4 Inch
 - Water 4 Inch - High Pressure
 - Water 4 Inch Poly
 - Water 2 to 3 Inch
 - Proposed Water
 - Johnson Water Line
- Injection Stations
 - Pump Stations
- Roads (Digitized)
 - Paved
 - Dirk
 - Proposed
 - Two Track
 - Private



Attachment A-1
 Fed. 9-18-9-17
 Sec. 18-T9S-R17E

410 E. So. W. Suite 709
 Denver, Colorado 80202
 Phone: (303) 693-0102

1/2 Mile Radius Map
 UINTA BASIN, UTAH
 Duchesne & Uinta Counties, Utah



Attachment A-2
Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 17 East</u> Section 18: NW/4NE/4, NW/4SE/4	U-3563 HBP	Inland Production Company	(Surface Rights) USA
2	<u>Township 9 South, Range 17 East</u> Section 7: E/2SW/4, SE/4 Section 17: N/2, W/2SE/4 Section 18: Lots 1-4, NE/4NE/4 S/2NE/4, E/2S/2, NE/4SE/4, S/2SE/4	U-72106 HBP	Inland Production Company	(Surface Rights) USA
3	<u>Township 9 South, Range 17 East</u> Section 19: Lots 1-4, E/2W/2, E/2 (All) Section 20: S/2NE/4, W/2, SE/4	U-77369 HBP	Inland Production Company Key Production Company	(Surface Rights) USA

Attachment A-2
Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
4	Township 9 South Range 17 East Section 8: SW/4, N/2SE/4, SW/4SE4 Section 17: SW/4	U-74108 HBP	Inland Production Company	(Surface Rights) USA

ATTACHMENT A-3

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

Re: Application for Approval of Class II Injection Well
Beluga #9-18-9-17

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Inland Production Company
W. T. War
Vice President

Sworn to and subscribed before me this 3rd day of December, 2001.

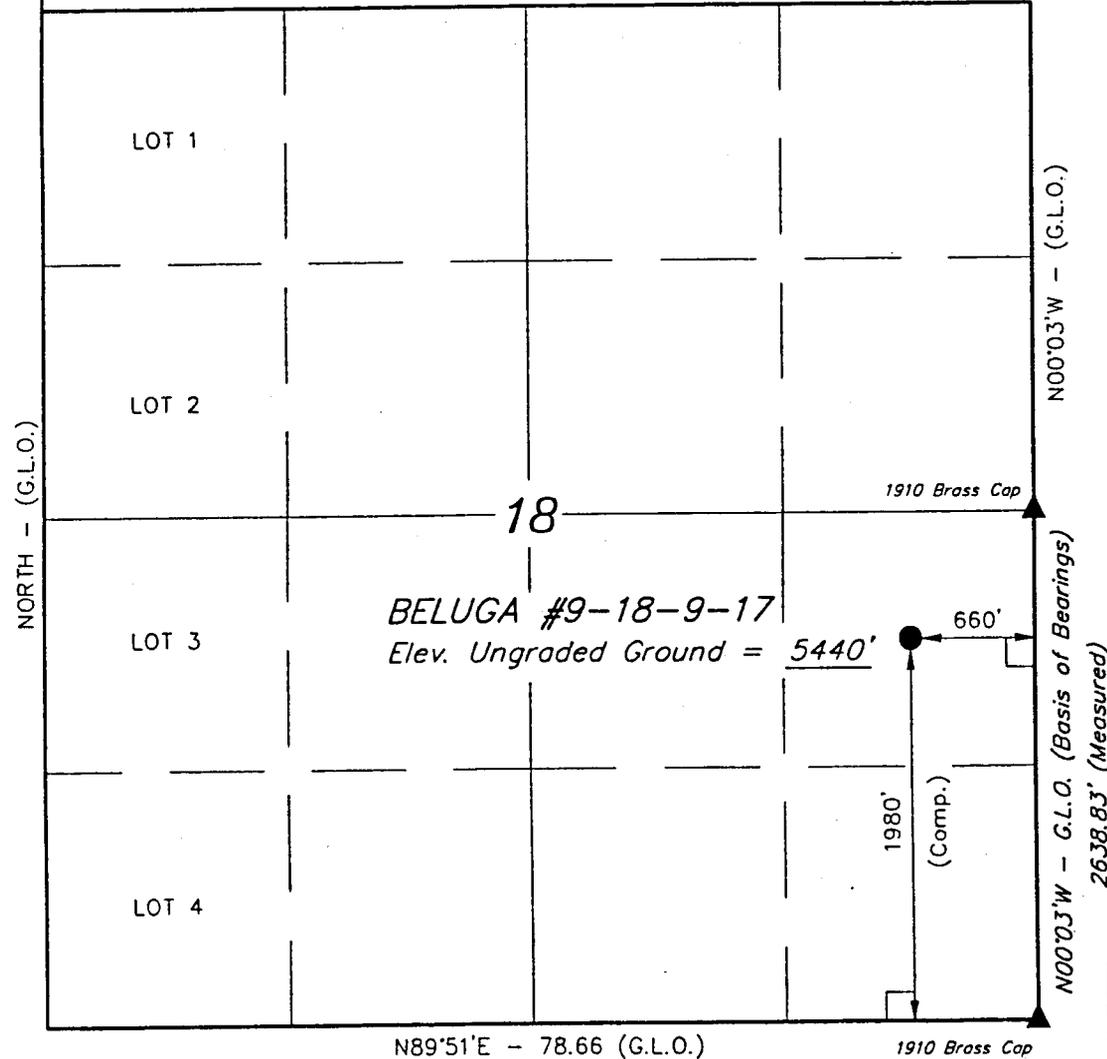
Notary Public in and for the State of Colorado: 

My commission expires: 8/29/2005

R 16
E

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

N89°52'E - 78.57 (G.L.O.)



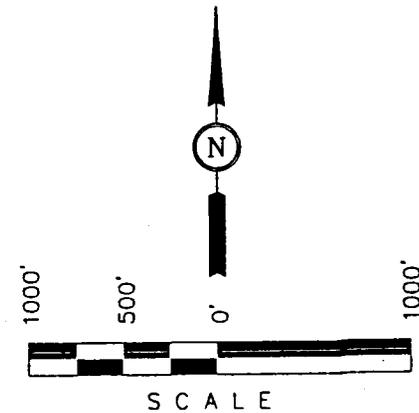
INLAND PRODUCTION CO.

Well location, BELUGA #9-18-9-17, located as shown in the NE 1/4 SE 1/4 of Section 18, T9S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

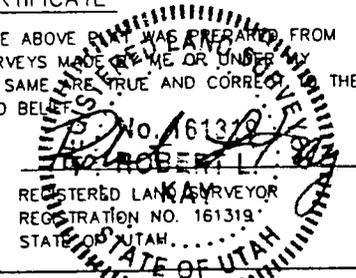
SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 18, T9S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5459 FEET.

Attachment A-4



CERTIFICATE

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.



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NOTE:

THE PROPOSED WELL HEAD BEARS S44°56'59"W 933.37' FROM THE EAST 1/4 CORNER OF SECTION 18, T9S, R17E, S.L.B.&M.

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-20-97	DATE DRAWN: 01-15-98
PARTY J.F. D.K. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE INLAND PRODUCTION CO.	

ATTACHMENT A-5

Names and Addresses of Surface Owners

1. USA

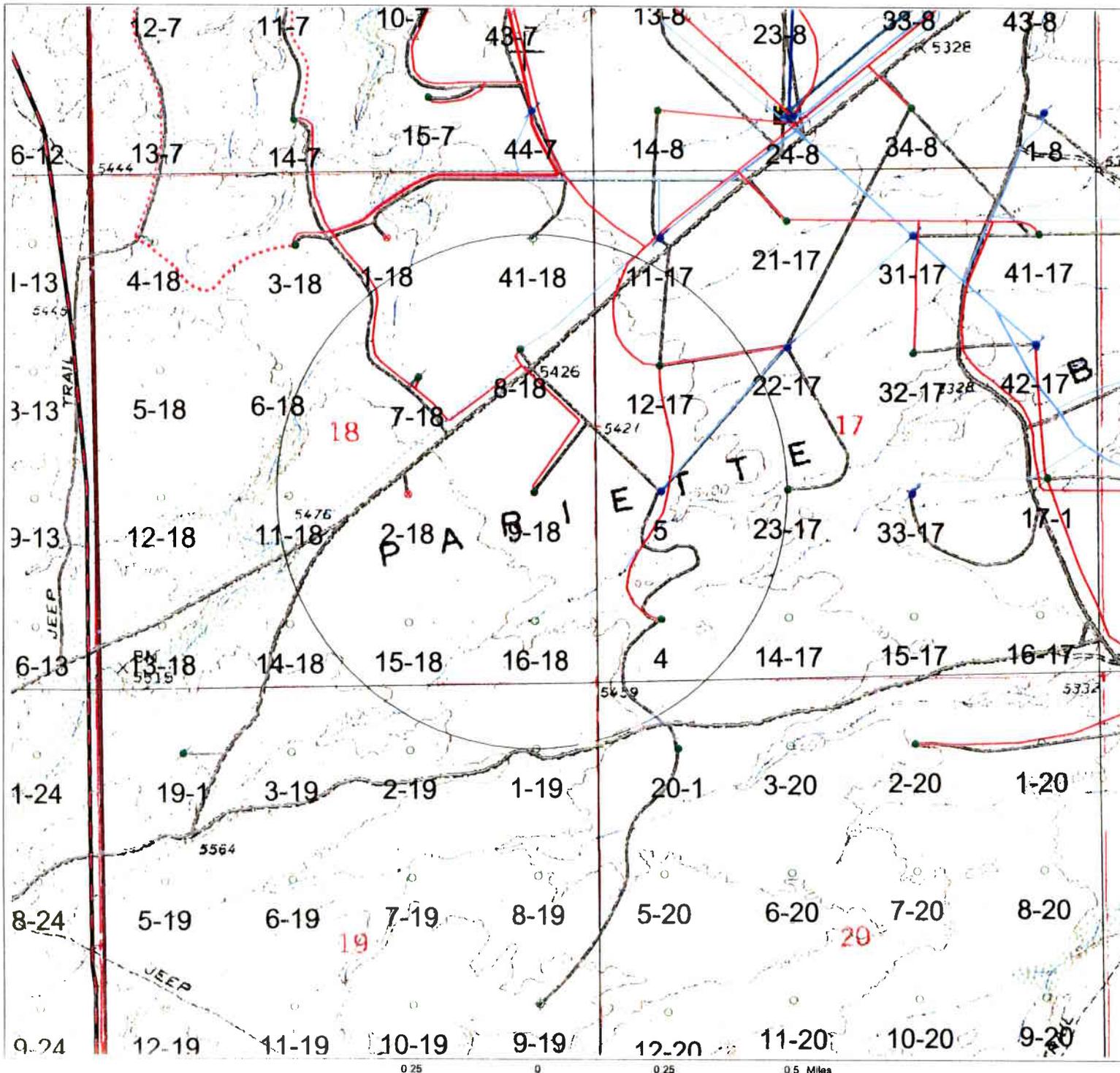
ATTACHMENT B

MAPS OF WELLS/AREA AND AREA OF REVIEW

Submit a topographic map, extending one mile beyond the property boundaries, showing the injection well(s) or project area for which a permit is sought and the applicable area of review.

There are no hazardous waste, treatment, storage or disposal facilities within a one-mile radius of the property boundaries.

Attachment B-1 Area of Review and Existing/Proposed Waterlines



- 1/2 Mile Radius
- ⊙ Water Taps
- Well Categories**
- INJ
- WTR
- SWD
- OIL
- GAS
- DRY
- SHUTIN
- SUSPENDED
- ABND
- LOC
- Compressor Stations**
- Gas 10 Inch
- Gas 6 Inch and larger
- Proposed 6 Inch Gas
- Gas 4 Inch and Smaller
- Proposed Gas
- Gas Buried
- Petroglyph Gasline
- Questar Gasline
- Compressors - Other
- Gas Meters**
- water 6 Inch
- water 4 Inch
- water 4 Inch - High Pressure
- water 4 Inch Poly
- water 2 to 3 Inch
- Proposed water
- Johnson water Line
- Injection Stations**
- Pump Stations
- Roads (Digitized)**
- Paved
- Dirt
- Proposed
- Two Track
- Private



Attachment B1
 Fed. 9-18-9-17
 Sec. 18-T9S-R17E



410 17th Street, Suite 700
 Denver, Colorado 80202
 Phone: (303) 493-4102

1/2 Mile Radius Map
 UINTEA BASIN, UTAH
 Duchesne & Uinta Counties, Utah

10/17/2014

ATTACHMENT C

CORRECTIVE ACTION PLAN AND WELL DATA

Submit a tabulation of data reasonably available from public records or otherwise known to the applicant on all wells within the area of review, including those on the map required in Attachment B, which penetrate the proposed injection zone.

Step rate tests will be performed periodically to determine the fracture pressure. The injection pressure will be kept under the fracture pressure.

Attachment C-1	Wellbore Diagram – Beluga #9-18-9-17
Attachment C-2	Wellbore Diagram – Beluga #8-18-9-17
Attachment C-3	Wellbore Diagram – Beluga #7-18-9-17
Attachment C-4	Wellbore Diagram – POMCO #2-18-9-17
Attachment C-5	Wellbore Diagram – Balcron Mon Butte Fed #41-18-9-17
Attachment C-6	Wellbore Diagram - Balcron Mon Butte Fed #12-17-9-17
Attachment C-7	Wellbore Diagram – POMCO #5-17-9-17
Attachment C-8	Wellbore Diagram – Balcron Mon Butte Fed #23-17-9-17
Attachment C-9	Wellbore Diagram – POMCO #4-17-9-17

Spud Date: 4-20-98
 Put on Production: 6-26-98
 GL: 5439.9' KB: 5450'

Beluga #9-18-9-17

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (328')
 DEPTH LANDED: 338'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sx Premium, est 6 bbl to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5572')
 DEPTH LANDED: 5582'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 270 sx Hibond & 265 sx Thixotropic
 CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT: 2-7/8", M-50, 6.5#
 NO of JTS: 156 jts
 TUBING ANCHOR: 4863'
 SEAT NIPPLE: 4991'
 EOT: 5054'

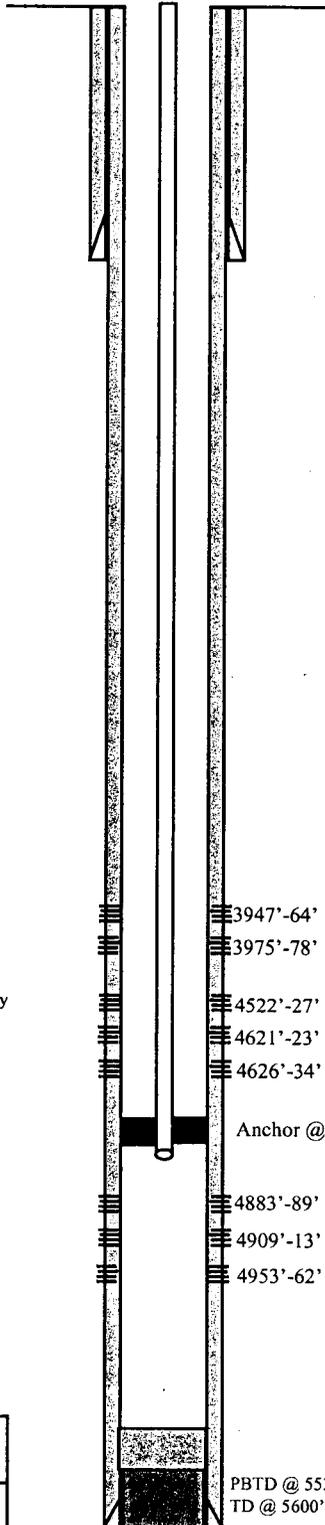
SUCKER RODS

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: 4-11/2" wt rods, 4-3/4" scraped
 95-3/4" plain, 95-3/4" scraped, 1-8", 1-6", 1-4", 2-2' pony
 PUMP SIZE: 2-1/2"x1-1/2"x12"x16' RHAC
 STROKE SIZE: 74"
 SPM: 5

LOGS: DIGL/SP/GR/CAL 5606'-326'
 CN/CD/GR/GR 5584'-3000'

FRAC JOB

- 5-9-98 4883'-4962' Frac A sand as follows:
 121,320# 20/40 sand in 576 bbls Viking. Perfs broke @ 2700 psi. Treated w/avg press of 1900 psi, w/avg rate of 32 BPM. ISIP-2500 psi, 5 min 2367 psi. Flowback on 12/64" ck for 4 hrs & died.
- 5-12-98 4522'-4634' Frac C/D sand as follows:
 127,560# 20/40 sand in 580 bbls Viking. Perfs broke @ 3143 psi. Treated w/avg press of 2000 psi, w/avg rate of 34.6 BPM. ISIP-2200 psi, 5 min 2200 psi. Flowback on 12/64" ck for 4-1/2 hrs & died.
- 5-14-98 3947'-3978' Frac GB sand as follows:
 123,840# 20/40 sand in 538 bbls Viking. Perfs broke @ 2970 psi. Treated w/avg press of 1550 psi, w/avg rate of 28 BPM. ISIP-1900 psi, 5 min 1621 psi. Flowback on 12/64" ck for 4 hrs & died.



PERFORATION RECORD

Date	Interval	SPF	Holes
5-7-98	4883'-4889'	4	20
5-7-98	4909'-4913'	4	16
5-7-98	4953'-4962'	4	36
5-10-98	4522'-4527'	4	20
5-10-98	4621'-4623'	4	4
5-10-98	4626'-4634'	4	32
5-13-98	3947'-3964'	4	68
5-13-98	3975'-3978'	4	12

PBTD @ 5537'
 TD @ 5600'



Inland Resources Inc.

Beluga #9-18-9-17

1980 FSL 660 FEL
 NESE Section 18-T9S-R18E
 Duchesne Co, Utah
 API #43-013-32053; Lease #UTU-72106

Beluga #8-18-9-17

Spud Date: 4/27/98
 Put on Production: 4/4/01
 GL: 5423' KB: 5433'

Initial Production: 16.2 BOPD,
 32.7 MCFD, 30.6 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (324')
 DEPTH LANDED: 333'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 155 sxs Premium cmt, est 4 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5# LENGTH: 144 jts. (5861.96')
 LENGTH: 132 jts. (5584')
 DEPTH LANDED: 5593'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 285 sk Hibond & 270 sxs Thixotropic
 CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 128 jts (4128.28')
 TUBING ANCHOR: 4141.03'
 NO. OF JOINTS: 1 jt (32.37')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4174.5' KB
 NO. OF JOINTS: 1 jt (32.33')
 TOTAL STRING LENGTH: EOT @ 4207.28'

SUCKER RODS

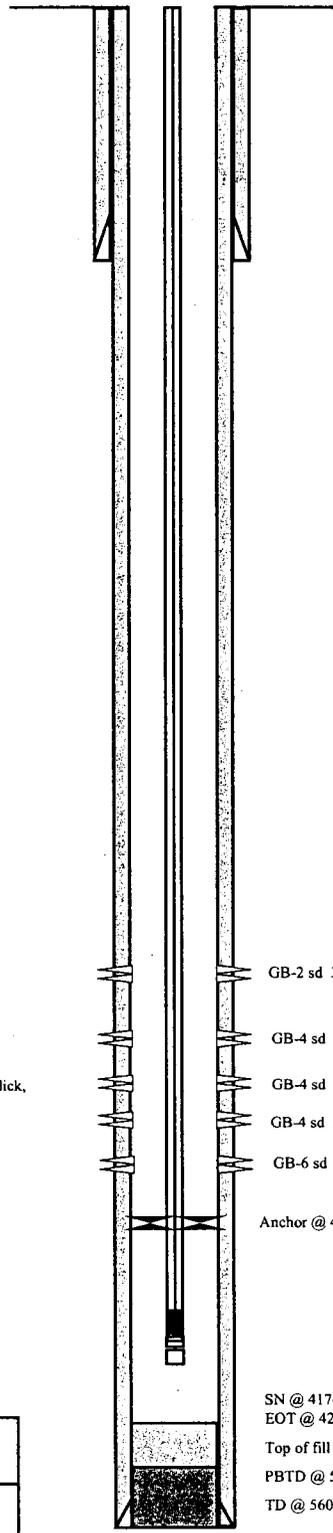
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 7-1 1/2" weight bars; 10-3/4" scraper rods; 56-3/4" slick,
 93-3/4" scraper rods, 1-8", 1-6", 1-2" 3/4" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5 spm
 LOGS: DIGL/SP/GR/CAL

FRAC JOB

4/2/01 4055'-3959' **Frac GB sand as follows:**
 158,760# 20/40 sand in 654 bbls Viking
 1-25 fluid. Perfs broke down @ 1911 psi.
 Treated @ avg press of 1423 psi w/avg
 rate of 30 BPM. ISIP 1650 psi.
 10/30/01 Pump change. Update rod and tubing details.

PERFORATION RECORD

4/2/01	3954'-3959'	4 JSPF	20 holes
4/2/01	3977'-3979'	4 JSPF	8 holes
4/2/01	3983'-3993'	4 JSPF	40 holes
4/2/01	3997'-4007'	4 JSPF	40 holes
4/2/01	4055'-4060'	4 JSPF	20 holes



GB-2 sd 3954-59'
 GB-4 sd 3977-79'
 GB-4 sd 3983-93'
 GB-4 sd 3997-4007'
 GB-6 sd 4055-60'
 Anchor @ 4141'
 SN @ 4174'
 EOT @ 4207'
 Top of fill @ 5235'
 PBD @ 5590'
 TD @ 5600'



Inland Resources Inc.

Beluga #8-18-9-17

1799' FNL & 799' FEL

SENE Section 18-T9S-R17E

Duchesne Co, Utah

API #43-013-32052; Lease #U-72106

POMCO #2-18-9-17

Spud Date: 4/79
 Put on Production: 3/29/80
 GL: 5462' KB: 5475'

Initial Production: 196 BOPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: J-55
 WEIGHT: 36#
 LENGTH: 300'
 HOLE SIZE: 12-1/4"
 CEMENT DATA:

PRODUCTION CASING

CSG SIZE: 7-5/8"
 GRADE: J-55
 WEIGHT: 26#
 LENGTH: 5425'
 HOLE SIZE: 7-7/8"
 CEMENT DATA:
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: ?
 NO. OF JOINTS: ?
 TUBING ANCHOR: ?
 SEATING NIPPLE: ?
 TOTAL STRING LENGTH: ?
 SN LANDED AT: ?

SUCKER RODS

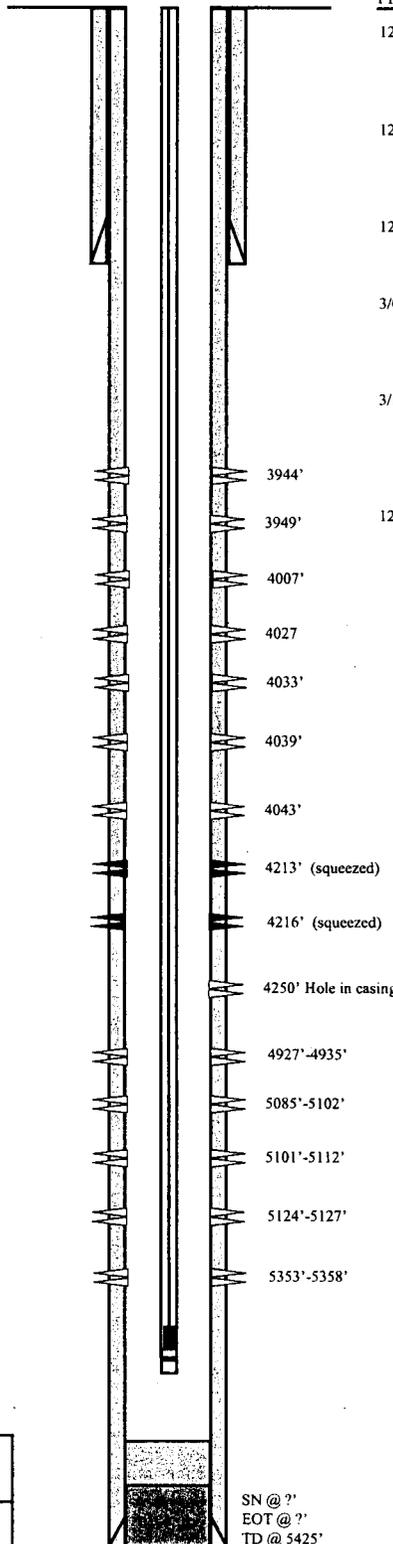
POLISHED ROD: ?
 SUCKER RODS: ?
 PUMP SIZE: ?
 STROKE LENGTH: ?
 PUMP SPEED, SPM: ?

FRAC JOB

12/8/79	5353'-5358'	Frac as follows: 12,000# 10/20 sand in 285 bbls acid and KCl frac fluid. Treated @ avg press of 4400 psi w/avg. rate of 17 BPM. ISIP 1900 psi.
12/21/79	4927'-5127'	Frac as follows: 30,000# 10/20 sand in 467 bbls KCl frac fluid. Treated @ avg press of 3600 psi w/avg. rate of 22 BPM. Packer released before job finished.
12/22/79	4927'-5127'	Re-Frac as follows: 9,000# 10/20 sand in 214 bbls KCl frac fluid. Treated @ avg press of 4500 psi w/avg. rate of 22 BPM. Screened out.
3/06/80	4927'-4935'	Re-Frac as follows: 6,000# 20/40 sand plus 20,000# 10/20 sand in 285 bbls KCl frac fluid. Treated @ avg press of 6300 psi w/avg. rate of 12 BPM. Screened out.
3/16/80	3944'-4216'	Frac as follows: 6,000# 20/40 sand plus 20,000# 10/20 sand in 328 bbls KCl frac fluid. Treated @ avg press of 3000 psi w/avg. rate of 20 BPM. Screened out.
12/7/80		Last report: Had hole in casing. Run tubing and rods in hole, waiting to repair leak in casing.

PERFORATION RECORD

12/06/79	5353'-5358'	3 SPF	18 holes
12/12/79	5124'-5127'	3 SPF	12 holes
12/12/79	5101'-5112'	3 SPF	36 holes
12/12/79	5085'-5102'	3 SPF	51 holes
12/12/79	4927'-4935'	3 SPF	27 holes
12/12/79	4216', 4213', 4043', 4039', 4033', 4027', 4007', 3949', 3944'	2 SPF	18 holes



SN @ ?'
 EOT @ ?'
 TD @ 5425'



Inland Resources Inc.
 POMCO #2-18-9-17
 1980' FSL & 1980' FEL
 NWSE Section 18-T9S-R17E
 Duchesne Co, Utah
 API #43-013-30505; Lease #U-3563

Balcron Monument Butte Federal #41-18

Spud Date: 10/11/93
Completion Date: NA
GL: 5406.3' KB: 5419'

Initial Production: NA
BOPD, NA MCFPD, NA

Plugging Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 8 jts. (347.94')
DEPTH LANDED: 358' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 180 sxs "G" W/ 2% CCI + 1/4 #/sk celloflake.

PRODUCTION CASING

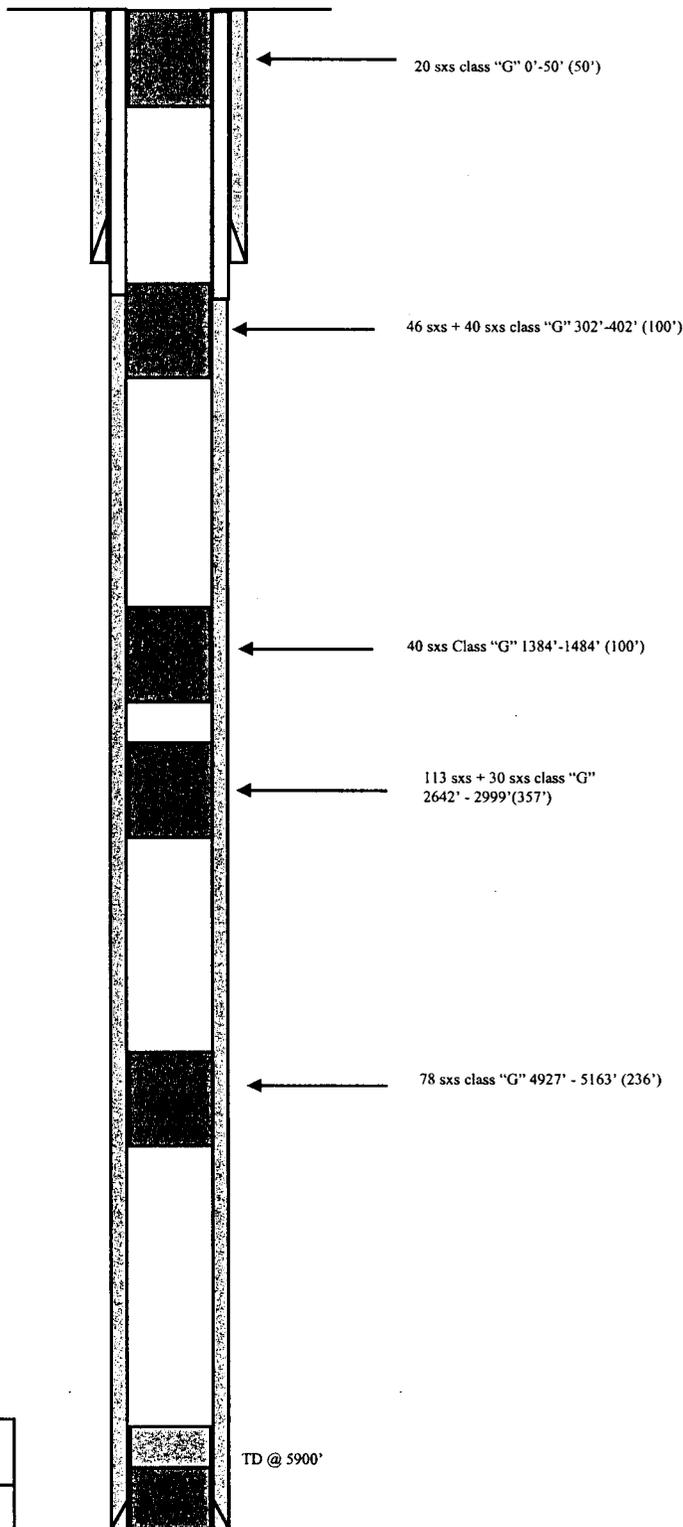
CSG SIZE:
GRADE:
WEIGHT:
LENGTH:
DEPTH LANDED:
HOLE SIZE: 7-7/8"
CEMENT DATA:
CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.:
NO. OF JOINTS:
TUBING ANCHOR:
SEATING NIPPLE: 2
TOTAL STRING LENGTH:
SN LANDED AT:

SUCKER RODS

POLISHED ROD:
SUCKER RODS:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: Spectral density Dual Spaced Neutron II Log, Dual Laterlog
Microspherically Focused Log



 **Inland Resources Inc.**
Balcron Monument Butte Federal #41-18
 660 FNL 660 FEL
 NENE Section 18-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31399; Lease #U-3563-A

Balcron Monument Butte Federal #12-17

Spud Date: 5/31/94
 Completion Date: 7/5/94
 GL: 5407.9' KB: 5417.9' KB (10' KB)

Initial Production: 70 BO

Wellbore Diagram

SURFACE CASING

STRING: 1
 CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 370' (9 jts)
 DEPTH LANDED: 380' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: By Western w/225 sxs "G" w/
 2% CCL & 1/4#/sx Celoflake.
 Cemented to surface.

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5651.17' (137 jts)
 DEPTH LANDED: 5660.17' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: By Dowell w/115 sxs Hilit &
 tail w/170 sxs 10-0 RFL.

TUBING

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 128 jts (3946.28')
 TUBING ANCHOR: 2-1/2" x 5-1/2" (2.35')
 NO. OF JOINTS: 33 jts (1016.44')
 SEATING NIPPLE: 2-7/8" x 1.10'
 PERFORATED SUB: 2 7/8" x 3.2'
 MUD ANCHOR: 2 7/8" x 27.43'
 TOTAL STRING LENGTH: 4996.80'
 SN LANDED AT: 4976.17' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
 SUCKER RODS: 1 - 3/4" x 6' Pony
 198 - 3/4" x 25' Plain D-61
 1 - 3/4" x 4' Stabilizer

TOTAL ROD STRING LENGTH: 4976.5'

PUMP NUMBER: #1186 (TRICO)
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" RWAC
 w/ PA plunger
 STROKE LENGTH: 82"
 PUMP SPEED, SPM: 4
 PUMPING UNIT SIZE: American 222-246-86
 PRIME MOVER: Ajax E-42

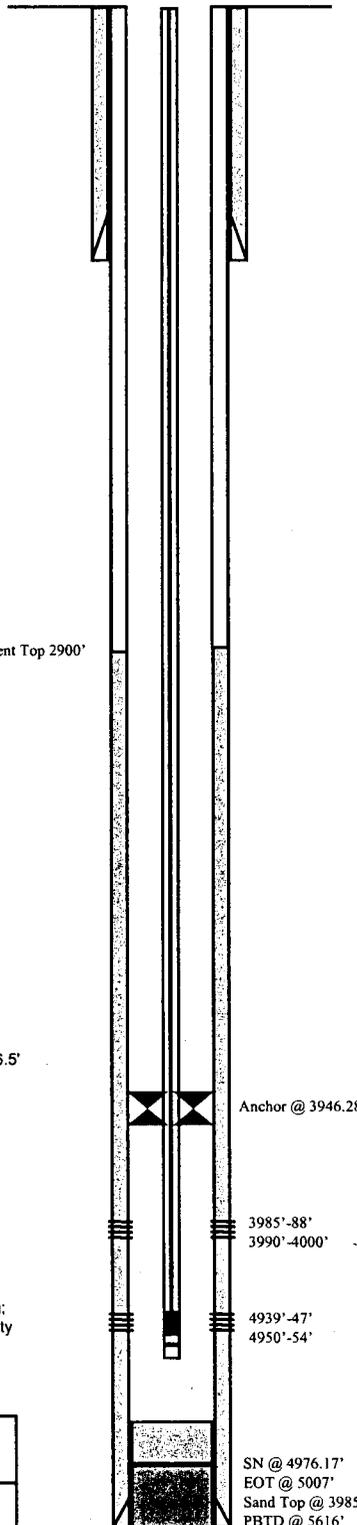
LOGS: Gamma Ray-Cement Bond Log;
 Dual-Laterolog; Spectral Density
 Dual Spaced Neutron.

FRAC JOB

4939' - 4947' & 4950' - 4954' 6/14/94 by Western w/ 74,400# 16/30 w/25,000 gals 2% KCl gel. Flush w/ 4914 gal 2% KCl wtr. ATP-1800 psi, Max-2110#, ATR-30 bpm, Max-30.9 bpm, ISIP-1620 psi, 5min-1510, 10min-1450, 15min-1430 psi.
 3985' - 3988' & 3990' - 4000' 6/16/94 by Western w/ 57,400# 16/30 w/ 15,750 gals 2% KCl gel. ATP-2000 psi, Max-2170, ATR-29.5 bpm, Max-31 bpm, ISIP-1800 psi, 5min-1550, 10min-1420, 15min-1410 psi.

ACID JOB / BREAKDOWN JOB

4947' - 4939' & 4954' - 4950' 6/14/94 2,016 gals 2% KCl wtr w/ 100 balls. Good ball action. ATP-2500 psi, Max-3050 psi. ATR-5.6 bpm, Max-9.1 bpm. ISIP-950 psi.
 3985' - 3988' & 3990' - 4000' 6/16/94 2,982 gals 2%KCl wtr w/ 100 balls, Good ball action. ATP-1990 psi, Max-3490 psi. ATR-6 bpm, Max-6 bpm, ISIP-1100 psi, 5min-910 psi, 10min-840 psi, 15min-800 psi.



PERFORATION RECORD

3985' - 3988' KB 6/15/94 Y2 (3') 4 SPF
 3990' - 4000' KB 6/15/94 Y2 (10') 4 SPF
 4939' - 4947' KB 6/13/94 G3 (8') 4 SPF
 4950' - 4954' KB 6/13/94 G3 (4') 4 SPF

Anchor @ 3946.28'

3985'-88'
 3990'-4000'

4939'-47'
 4950'-54'

SN @ 4976.17'
 EOT @ 5007'
 Sand Top @ 3985'
 PBTD @ 5616'
 TD @ 5650'

Inland Resources Inc.
 Balcron Monument Butte Federal #12-17
 1980 FNL 660 FWL
 SW NW Section 17-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31431; Lease #UIU-72106

POMCO #5

Spud Date: 7/27/79

Completion Date: 8/16/79

GL: 5417' KB: 5429' KB (12' KB)

Injection Diagram

Initial Production: NA

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 267' (7 jts)
 DEPTH LANDED: 278' KB
 HOLE SIZE: 12-1/2"
 CEMENT DATA: 150 sxs class "G" w/ 1/2 #/bbl celflex + 2% CC

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 125 jts (5449.05')
 DEPTH LANDED: 5438.75' KB
 HOLE SIZE: 8-3/4"
 CEMENT DATA: 770 sxs class "G" w/ 10% salt + 14 #/sk cellophane

CEMENT TOP AT: ~1940' KB (est.)

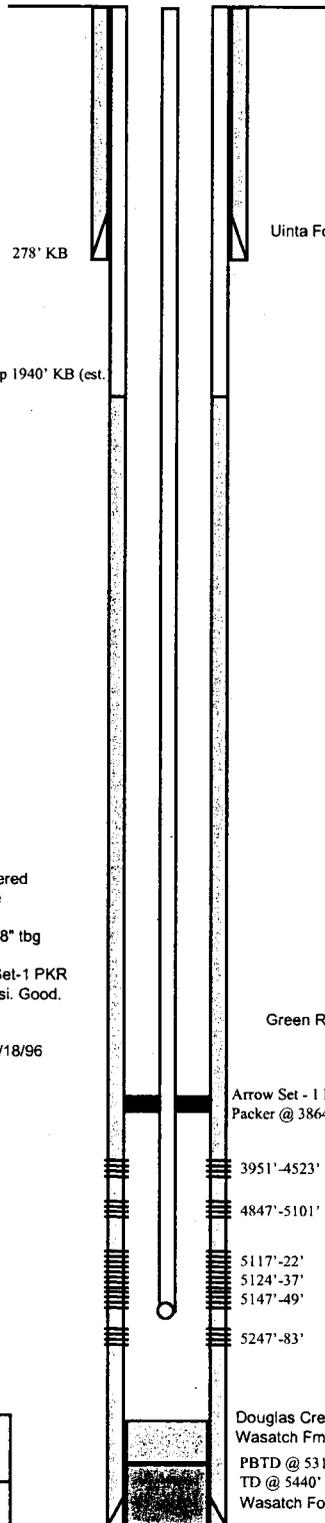
Tubing Record

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 124 Jts (3871')
 SEAT NIPPLE: 2-7/8" X 1.1'
 ARROW SET 1 PACKER: 2-3/8"x5-1/2"x7.0'
 PACKER SET AT: 3864' KB
 PKR Set w/ 9" (10,000#) Tension

CONVERSION:
 1.) Tag fill @ 5260' KB
 2.) TIH w/ RBP & PKR and pump filtered KCL water to establish injection rate into each zone.
 3.) Replace 2-3/8" tbg with new 2-7/8" tbg from Marta-Co.
 4.) Pump PKR fluid and Set Arrow Set-1 PKR @ 3864'. Press. test csg to 1000 psi. Good.

PACKER FLUID: Champion Cortron 2383 PKR fluid mixed w/ 62 bbls 2% KCL water. 10/18/96

MIT RECORD: 11/13/96 Witnessed by Dan Jarvis w/ the Utah Oil & Gas Commission. 1175 psi had been applied 24 hr previously & still holding 1175 psi.



FRAC JOB

5141' - 5149' 9/79
 & 5124' - 5137'
 & 5117' - 5122'
 BJ frac w/ 2500 gal Terra pad, followed by 9500 gal Terra w/ 21,500 # 10/20, then 2500 gal pad w/ moth balls, then 9500 gal Terra w/ 21,500 # 10/20, followed by 2520 gal pad w/ moth balls before ball out. ATR-19 bpm, ATP-4400 psi, ISIP-2500psi, 5min-2250 psi, 10min-2000#, 15min-2000#

ACID JOB / BREAKDOWN JOB

5141' - 5149' 9/79
 & 5124' - 5137'
 & 5117' - 5122'
 Acidize w/ 4000 gal 15% HCl, Displace w/ 32 bbls 3% KCl wtr. Drop 100 ball sealers. ATR-6 bpm ATP-1800 psi. Broke @ 4900#, ISIP-1500#, 5min-1500, 10min-1480, 15min-1470 psi.

5141' - 5149' 2/80
 & 5124' - 5137'
 & 5117' - 5122'
 BJ acidize w/ 3000 gal 25% HCl w/ 9 gal C-15 inhibitor, 9 gal J-22, 18 gal X-6, 9 gal G-10, & 1000# benzoic flakes for divert. ATR-5 bpm, ATP-2500 psi, ISIP-2190, 5min-1750 psi, 10 min-1600 psi.

5247' - 5283' 4/80
 30,000 SCF nitrogen pad followed by 1512 gal 15% HCl w/ 750 SCF of N2 #/bbl, flush w/ 25 bbls 3% KCl wtr & 750 SCF N2 #/bbl, dropped 8 ball sealers. Broke @ 4000#, ATR-4 bpm, ATP-2800 psi, ISIP-2100#, 5min-2000

4847' - 5101' 4/80
 30,000 SCF nitrogen pad followed by 2016 gal 15% HCl w/ 750 SCF of N2 #/bbl, flush w/ 21 bbls 3% KCl wtr & 750 SCF N2 #/bbl, dropped 14 ball sealers. No apparent break, ATR-5 bpm, ATP-2700 psi, ISIP-1700#, 5min-1650

3951' - 4523' 4/80
 30,000 SCF nitrogen pad followed by 1512 gal 15% HCl w/ 750 SCF of N2 #/bbl, flush w/ 18 bbls 3% KCl wtr & 750 SCF N2 #/bbl, dropped 14 ball sealers. ATR-4 bpm, ATP-2500 psi, ISIP-1800 psi, 5min-1700 psi

PERFORATION RECORD

Interval	Rate	Yield	Holes
3951' - 3960'	4/80	Y2	15 HOLES
4520' - 4523'	4/80	R2	5 HOLES
4847' - 4885'	4/80	G3	10 HOLES
5044' - 5101'	4/80	G4	10 HOLES
5117' - 5122'	9/79	G4	3 SPF
5124' - 5137'	9/79	G4	3 SPF
5141' - 5149'	9/79	G4	3 SPF
5247' - 5283'	4/80	GR	12 HOLES

Arrow Set - 1 Packer
 Packer @ 3864'

3951'-4523'

4847'-5101'

5117'-22'

5124'-37'

5147'-49'

5247'-83'

Douglas Creek Member 4550 to 5400 ft.

Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 5316' (est.)

TD @ 5440'

Wasatch Formation 5950 ft.



Inland Resources Inc.

POMCO #5

660' FWL 1980' FSL

NW SW Section 17-T9S-R17E

Duchesne Co, Utah

API #43-013-30499; Lease #UTU-74108

Balcron Monument Butte Federal #23-17-9-17B

Spud Date: 4/26/96
 Completion Date: 5/24/96
 GL: 5379' KB:5389' KB (10' KB)

Wellbore Diagram

Initial Production: 26.5 BO,
 5 BWPD

SURFACE CASING

STRING: 1
 CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 338.10'
 DEPTH LANDED: 348.10' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 185 sks class "G", 2% CaCl₂,
 1/4#/sk Cello-seal.

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5584.72'
 DEPTH LANDED: 5594.72' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 90 sks Super "G", 47#/sk G,
 3#/sk POZ, 34#/sk BA-91,
 3% salt, 2% gel, 2#/sk Hi-seal #2
 1/4#/sk Cello-seal, Tail w/ 420 sks
 50/50 POZ, 2% gel, 1/4#/sk Cello-seal,
 2#/sk Hi-seal.

CEMENT TOP AT: 2184' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" 8rd EUE / J-55 / 6.5#
 NO. OF JOINTS: 168 Jts (5251.27')
 TUBING ANCHOR: 2-7/8"x5-1/2"x2.80' @ 5261.27 KB
 NO. OF JOINTS: 2 Jts (60.20')
 SEATING NIPPLE: 2-7/8"x1.10'

MUD ANCHOR: 2-7/8"x26.60'
 TOTAL STRING LENGTH: EOT @ 5352.42' KB
 SN LANDED AT: 5324.27' KB

SUCKER RODS

WELL LAST PULLED: 6/30/99

POLISHED ROD: 1-1/4"x22' SM
 SUCKER RODS: 1-8', 1-4'x3/4" Pony
 184-3/4"x25' D-61 Plain
 23 - 3/4" Scrapered
 4-1-1/2"x25' K-Bar

TOTAL STRING LENGTH: 5307'

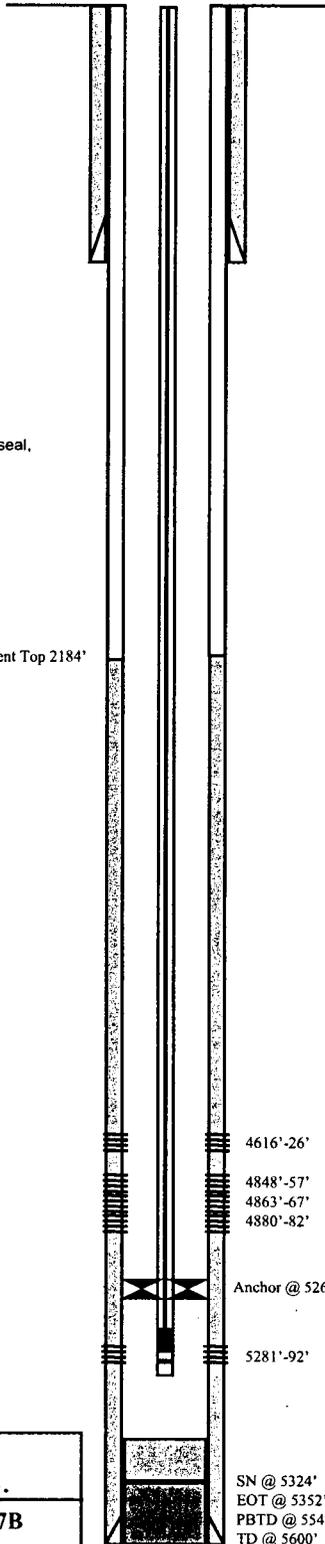
PUMP NUMBER:
 PUMP SIZE: 2-1/2"x1-1/2"x16' RHAC
 w/ SM Plunger

STROKE LENGTH: 86 inches
 PUMP SPEED, SPM: 5 SPM
 PUMPING UNIT SIZE: Lufkin C320D-256-120
 SN: D52792N-381016
 PRIME MOVER: Ajax E-42, 8-1/2"x10
 SN: 56936

TANK SIZES & NUMBERS: 2-400 bbl, Natco 12'x20'
 TANK #1 SN: 9E-10701-02
 TANK #2 SN: 9E-10701-03

LOGS: CBL/GR; Spectral Density
 Dual Spaced Neutron Log;
 Dual Laterolog.

Cement Top 2184'



FRAC JOB

5/08/96 5281'-5292' BJ Services: 17,640 gal 2% KCL water w/ 17,340# 20/40 sand & 32,280# 16/30 sand. ATP= 1700 psi, ATR= 30.5 bpm, ISIP= 1760 psi, 5 min= 1690 psi, 10 min= 1560 psi, 15 min= 1470 psi, 30 min= 1330 psi.

5/13/96 4848'-4857' BJ Services: 16,464 gal 2% KCL water w/ 50,400# 16/30 sand. ATP= 2000 psi, ATR= 32.0 bpm, ISIP= 2500 psi, 5 min= 1780 psi, 10 min= 1580 psi, 15 min= 15300 psi.

5/13/96 4616'-4626' BJ Services: 13,440 gal 2% KCL water w/ 34,940# 16/30 sand. ATP= 2200 psi, ATR= 32.5 bpm, ISIP= 2450 psi, 5 min= 1940 psi, 10 min= 1540 psi, 15 min= 1450 psi, 30 min= 1370 psi.

ACID JOB / BREAKDOWN JOB

5/08/96 5281'-5292' BJ Services: 2478 gal 2% KCL water w/ 88 ball sealers. Ball action but no ball off. ATP= 2200 psi, ATR= 4.3 bpm, ISIP= 1500 psi.

5/10/96 4848'-4857' BJ Services: 3108 gal 2% KCL water w/ 125 ball sealers. Ball action but no ball off. ATP= 1900 psi, ATR= 4.9 bpm, ISIP= 1550 psi.

5/13/96 4616'-4626' BJ Services: 2352 gal 2% KCL water w/ 80 ball sealers. Ball action but no ball off. ATP= 2000 psi, ATR= 4.0 bpm, ISIP= 1450 psi.

PERFORATION RECORD

5/07/96 Cutter 5281'-5292' 4 SPF

5/10/96 Cutter 4880'-4882' 4 SPF
 4863'-4867' 4 SPF
 4848'-4857' 4 SPF

5/13/96 Cutter 4616'-4626' 4 SPF

4616'-26'

4848'-57'

4863'-67'

4880'-82'

Anchor @ 5261'

5281'-92'

SN @ 5324'
 EOT @ 5352'
 PBTD @ 5548'
 TD @ 5600'



Inland Resources Inc.

Balcron Monument Butte Federal #23-17-9-17B

2217' FSL 2187' FWL

NW SW Section 17-T9S-R17E

Duchesne Co, Utah

API #43-013-31582; Lease #43-013-31582

Pomco #4-17-9-17

Spud Date: 1/24/1980
 Put on Production: 1/27/1983
 GL: 5430' KB: 5442'

Initial Production: 108.6 BOPD,
 5 BWPD.

Wellbore Diagram

SURFACE CASING

CSG SIZE: 10-3/4"
 GRADE: H-40
 WEIGHT: 32.75#
 LENGTH: 7 jts. (276')
 HOLE SIZE: 13-1/2"
 CEMENT DATA: 200 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 7" & 7-5/8"
 GRADE: K-55 & S-95
 WEIGHT: 29# & 26.4#
 LENGTH: 7" - 22 jts. (800.52')
 LENGTH: 7-5/8" - 103 jts. (4197.82')
 LENGTH: 7-5/8" - 26 jts. (1166.66')
 DEPTH LANDED: 6165'
 HOLE SIZE: 9-7/8"
 CEMENT DATA: 200 sxs Neet w/ celloflake & 150 sxs Neet w/ 0.5% D19.
 CEMENT TOP AT: 4754' per CBL

TUBING

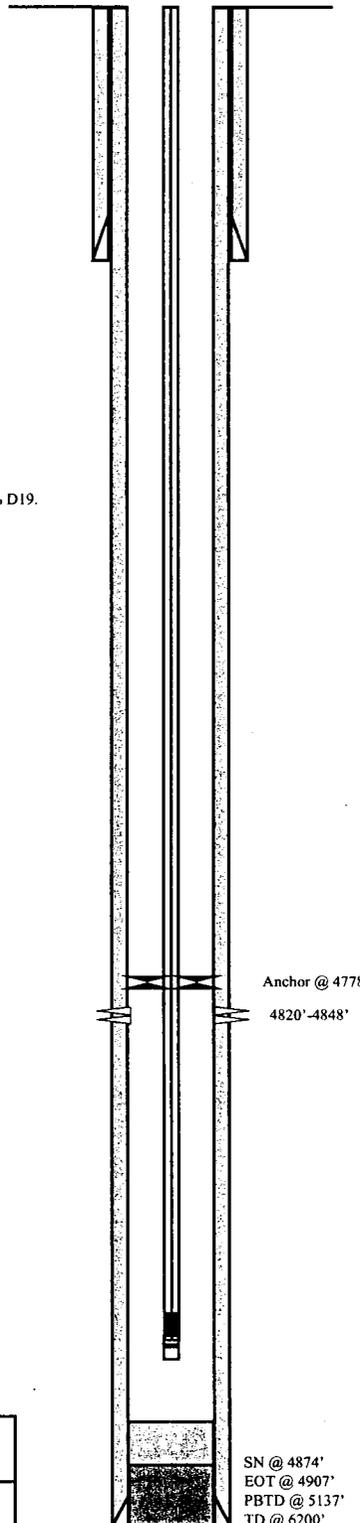
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 152 jts (4765.77')
 TUBING ANCHOR: 4778'
 NO. OF JOINTS: 3 jts (4780.52')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4875 KB
 NO. OF JOINTS: 1 jts (4875.60')
 TOTAL STRING LENGTH: EOT @ 4907'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
 SUCKER RODS: 5-1 1/2" weight bars; 164-3/4" rods; 25-7/8" rods,
 2-4' x 7/8" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/4" x 16' RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5 SPM
 LOGS: DIGL/SP/GR/CAL

FRAC JOB

1/19/83	4820'-4848'	Frac sand as follows:
		100,000# 20/40 sand in 952 bbls Apollo frac fluid. Treated @ avg press of 3200 psi w/avg rate of 16 BPM. ISIP 1700 psi.
7/23/98		WO. Update rod and tubing details.



PERFORATION RECORD

1/17/83 4820'-4848' 1 SPF 28 holes

Anchor @ 4778'
 4820'-4848'

SN @ 4874'
 EOT @ 4907'
 PBTD @ 5137'
 TD @ 6200'



Inland Resources Inc.

Pomco #4-17-9-17

660' FSL & 660' FWL

SWSW Section 17-T9S-R17E

Duchesne Co, Utah

API #43-013-30506; Lease #UTU-74108

ATTACHMENT E

NAME AND DEPTH OF USDWs

For Class II wells, submit geologic name and depth to bottom of all underground sources of drinking water, which may be affected by the injection.

Due to the location and depth of the well, it will not affect any source of drinking water. See Attachments E-1 through E-3, showing pertinent water analyses.

Attachment E-1 Water analysis of the primary fluid to be injected (Unichem Water Analysis of the Johnson Water District, taken January 27, 2000)

Attachment E-2 Water Analysis of the formation fluid to be injected from the well

Attachment E-3 Analysis of the compatibility of the injected and formation water

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Attachment E-1

Office (435) 722-5066
Fax (435) 722-5727

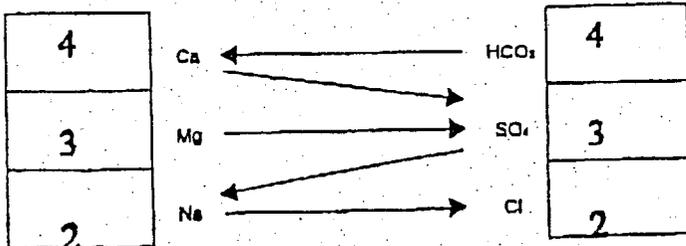
WATER ANALYSIS REPORT

Company INLAND PRODUCTION Address _____ Date 1-27-00
Source JOHNSON Data Sampled 1-26-00 Analysis No. _____

	Analysis	mg/l(ppm)	*Mg/l
1. PH	<u>7.4</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>600</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>240</u>	+ 61 <u>4</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>71</u>	+ 35.5 <u>2</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>130</u>	+ 48 <u>3</u> SO ₄
10. Calcium (Ca)	Ca	<u>72</u>	+ 20 <u>4</u> Ca
11. Magnesium (Mg)	Mg	<u>41</u>	+ 12.2 <u>3</u> Mg
12. Total Hardness (CaCO ₃)		<u>350</u>	
13. Total Iron (Fe)		<u>0.6</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Eqvly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	11.04	<u>4</u>			<u>324</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19	<u>3</u>			<u>181</u>
MgCl ₂	47.62				
NaHCO ₃	84.00				
Na ₂ SO ₄	71.03				
NaCl	58.48	<u>2</u>			<u>117</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

Analytical Laboratory Report for:
Inland Production



BJ Unichem
Chemical Services

UNICHEM Representative: Rick Crosby

Production Water Analysis

Listed below please find water analysis report from: Beluga, 9-18-9-17

Lab Test No: 2001402764 Sample Date: 11/21/2001
Specific Gravity: 1.015
TDS: 22078
pH: 9.20

Cations:	mg/L	as:
Calcium	60	(Ca ⁺⁺)
Magnesium	12	(Mg ⁺⁺)
Sodium	7130	(Na ⁺)
Iron	2.20	(Fe ⁺⁺)
Manganese	0.00	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	2074	(HCO ₃ ⁻)
Sulfate	100	(SO ₄ ⁻)
Chloride	12700	(Cl ⁻)
Gases:		
Carbon Dioxide		(CO ₂)
Hydrogen Sulfide	28	(H ₂ S)

Comments:

DownHole SAT(tm)
MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Johnson Water

2) Beluga 9-18-9-17

Report Date: 11-26-2001

SATURATION LEVEL

Calcite (CaCO3)	64.98
Aragonite (CaCO3)	55.06
Witherite (BaCO3)	0.00
Anhydrite (CaSO4)	0.00346
Gypsum (CaSO4*2H2O)	0.00419
Barite (BaSO4)	0.00
Hydroxyapatite	0.00
Iron hydroxide (Fe(OH)3)	0.00483
Iron sulfide (FeS)	2362

MOMENTARY EXCESS (Lbs/1000 Barrels)

Calcite (CaCO3)	25.36
Aragonite (CaCO3)	25.27
Witherite (BaCO3)	-0.676
Anhydrite (CaSO4)	-640.75
Gypsum (CaSO4*2H2O)	-649.96
Barite (BaSO4)	-0.275
Hydroxyapatite	-297.35
Iron hydroxide (Fe(OH)3)	< 0.001
Iron sulfide (FeS)	0.355

SIMPLE INDICES

Langelier	2.41
Stiff Davis Index	2.30

BOUND IONS

	TOTAL	FREE
Calcium	52.06	29.73
Barium	0.00	0.00
Carbonate	660.79	195.83
Phosphate	0.00	0.00
Sulfate	105.00	92.40

OPERATING CONDITIONS

Temperature (°F)	100.00
Time (mins)	3.00

UNICHEM - Corporate Office
14505 Torrey Chase Boulevard, Houston, Texas 77014

ATTACHMENT G

GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES

For Class II wells, submit appropriate geological data on the injection zone and confining zones, including lithologic description, geological name, thickness, and depth and fracture pressure.

The proposed injection well produced from and will inject into the Green River formation. Water is sourced from the Johnson Water District and injected or is commingled with produced water at the Monument Butte Injection Facility and processed for individual well injection.

The injection zones are in the Green River formation, bounded by the Garden Gulch marker and the Basal Limestone. The Green River is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shales. At the Beluga #9-18-9-17 location, the proposed injection zone is from 3471'-4794'. The porous and permeable lenticular sandstones vary in thickness from 0' – 31' and are confined to the Monument Butte area by low porosity calcareous shales and carbonates.

The confining strata directly above and below the injection zones are the Green River formation and the Basal Limestone in the Beluga #9-18-9-17 well. The strata confining the injection zone are composed of tight, moderately calcareous, sandy lucustrine shales. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

The fracture pressure of the Beluga #9-18-9-17 will be determined upon testing. The minimum fracture gradient calculates at 0.91 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be conducted upon injection and periodically thereafter to determine the actual fracture pressure. As the fracture pressure increases, we may elect to increase the injection pressure, but will not exceed the maximum of 1884 psig.

Communication Prevention:

The injection system will be equipped with high and low pressure shut down devices, which will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

Attachment G-1 Formation Tops

Attachment G-2 Proposed Maximum Injection Pressure

Attachment G-3 Fracture Reports Dated 5/9/98, 5/12/98 and 5/14/98

Attachment G-4 Drilling and Completion Reports Dated 4/21/98 to 4/26/98 and 5/6/98 to 5/17/98

ATTACHMENT G-1

FORMATION TOPS

BELUGA #9-18-9-17

<u>FORMATION</u>	<u>DEPTH (ft)</u>
Garden Gulch	3471'
Garden gulch 2	3780'
Point 3	4037'
X Marker	4289'
Y Marker	4324'
Douglas Creek	4450'
Bi-Carb	4682'
B-Lime	4794'
Castle Peak	5292'
Basal Carb	NDE
Total Depth	5600'

Attachment "G-2"

BELUGA #9-18-9-17
Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4883	4962	4923	2500	0.94	2469
4522	4634	4578	2200	0.91	2163
3947	3978	3963	1900	0.91	1884
				Minimum	<u>1884</u> ←

Calculation of Maximum Surface Injection Pressure
 $P_{max} = (\text{Frac Grad} - (0.433 * 1.005)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.005.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 * \text{Avg. Depth})) / \text{Avg. Depth}$

Please Note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



DAILY COMPLETION REPORT

WELL NAME BELUGA 9-18 **Report Date** 5/9/98 **Completion Day** 3
Present Operation Perf & break down C/D sds. **Rig** Flint #1497

WELL STATUS

Surf Csg: 8-5/8 @ 326' KB **Liner** _____ **@** _____ **Prod Csg** 5-1/2 @ 5583 **Csg PBTD** 5537
Tbg: **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr/EOT @** _____ **BP/Sand PBTD:** _____

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
A	4883-89'	4/24			
A	4909-13'	4/16			
A	4935-62'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/8/98 **SITP:** 0 **SICP:** 0

IFL @ 5100'. Made 1 swab run. FFL @ 5100'. TOH w/tbg. NU isolation tool. RU BJ Services & frac A sds w/121,320# 20/40 sd in 576 bbls Viking I-25 Fluid. Perf broke dn @ 2700 psi. Treated @ ave press of 1900 psi w/ave rate of 32 BPM. ISIP: 2500 psi, 5 min: 2367 psi. Flowback on 12/64 choke for 4 hrs & died. Rec 130 BTF (est 23% of load). SIFN w/est 446 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>576</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>130</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>446</u>	Cum oil recovered	<u>0</u>
IFL <u>5100</u> FFL <u>5100</u> FTP _____		Choke <u>12/64</u> Final Fluid Rate _____	Final oil cut _____

STIMULATION DETAIL

Base Fluid used: Viking I-25 **Job Type:** Sand Frac
Company: BJ Services
Procedure: _____
3000 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
9000 gal w/6-8 ppg of 20/40 sd
6422 gal w/8-9.7 ppg of 20/40 sd
Flush w/4788 gal of 10# Linear gel

COSTS

<u>Flint Rig</u>	<u>870</u>
<u>BOP</u>	<u>135</u>
<u>Tanks</u>	<u>70</u>
<u>Wtr</u>	<u>700</u>
<u>HÓ Trk</u>	<u>720</u>
<u>Frac</u>	<u>20,305</u>
<u>Flowback - super</u>	<u>160</u>
<u>IPC Supervision</u>	<u>200</u>

Max TP 2600 **Max Rate** 32 **Total fluid pmpd:** 576 bbls
Avg TP 1900 **Avg Rate** 32 **Total Prop pmpd:** 121,300#
ISIP 2500 **5 min** 2367 **10 min** _____ **15 min** _____
Completion Supervisor: Gary Dietz

DAILY COST: \$23,160
TOTAL WELL COST: \$194,187



DAILY COMPLETION REPORT

WELL NAME BELUGA 9-18 Report Date 5/12/98 Completion Day 5

Present Operation Perf GB sds Rig Flint #1497

WELL STATUS

Surf Csg: 8-5/8 @ 326' KB Liner _____ @ _____ Prod Csg 5-1/2 @ 5583 Csg PBTB 5537
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ _____ BP Sand PBTB: 4760

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C/D	4522-27'	4/20	A	4935-62'	4/36
C/D	4621-23'	4/8			
C/D	4626-34'	4/32			
A	4883-89'	4/24			
A	4909-13'	4/16			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/11/98 SITP: 0 SICP: 0

IFL @ sfc. Swab FL dn to 4400'. Rec 95 BTF w/tr oil. TOH w/tbg. LD pkr, pup jt & RH. NU isolation tool. RU BJ Services & frac C/D sds w/127,560# 20/40 sd in 580 bbls Viking I-25 fluid. Perfs broke dn @ 3143 psi @ 17 BPM. Treated @ ave press of 2000 psi w/ave rate of 34.6 BPM. ISIP: 2200 psi, 5 min: 2200 psi. Flowback on 12/64 choke for 4-1/2 hrs & died. Rec 160 BTF (est 28% of load). SIFN w/est 770 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>445</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>325</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>770</u>	Cum oil recovered	<u>0</u>
IFL <u>Sfc</u> FFL <u>4400</u> FTP _____		Choke <u>12/64</u> Final Fluid Rate _____	Final oil cut _____ Tr.

STIMULATION DETAIL

COSTS

Base Fluid used: Viking I-25 Job Type: Sand Frac
 Company: BJ Services
 Procedure: _____
3000 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
10,000 gal w/6-8 ppg of 20/40 sd
5925 gal w/8-9.3 of 20/40 sd (9.3# Max)
Flush w/4452 gal of 10# Linera gel

Flint Rig	<u>1,276</u>
BOP	<u>80</u>
Tanks	<u>70</u>
Wtr	<u>750</u>
HO Trk	<u>720</u>
Frac	<u>20,000</u>
Flowback - super	<u>180</u>
IPC Supervision	<u>200</u>

Max TP 3143 Max Rate 35 Total fluid pmpd: 580 bbls
 Avg TP 2000 Avg Rate 34.6 Total Prop pmpd: 127,560#
 ISIP 2200 5 min 2200 10 min _____ 15 min _____
 Completion Supervisor: Gary Dietz

DAILY COST: \$23,276
 TOTAL WELL COST: \$221,708



DAILY COMPLETION REPORT

WELL NAME BELUGA 9-18 **Report Date** 5/14/98 **Completion Day** 7
Present Operation Pull plug. CO PBTB. Swab well. **Rig** Flint #1497

WELL STATUS

Surf Csg: 8-5/8 @ 326' **KB** **Liner** _____ @ _____ **Prod Csg** 5-1/2 @ 5583 **Csg PBTB** 5537
Tbg: **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr/EOT @** _____ **BP/Sand PBTB:** 4230

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB	3947-64'	4/68	A	4883-89'	4/24
GB	3975-78'	4/20	A	4909-13'	4/16
C/D	4522-27'	4/20	A	4935-62'	4/36
C/D	4621-23'	4/8			
C/D	4626-34'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5/13/98 **SITP:** _____ **SICP:** 0

Bleed gas off well. IFL @ 3900'. Made 1 swab run, rec 1 BTF w/tr oil. FFL @ 4000'. TOH w/tbg. NU isolation tool. RU BJ Services & frac GB sds w/123,840# 20/40 sd in 538 bbls Viking I-25 fluid. Perfs broke dn @ 2970 psi. Treated @ ave press of 1550 psi w/ave rate of 28 BPM. ISIP: 1900 psi, 5 min: 1621 psi. Flowback on 12/64 choke for 4 hrs & died. Rec 135 BTF (est 25% of load). SIFN w/est 1086 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered 684 **Starting oil rec to date** 0
Fluid lost/recovered today 402 **Oil lost/recovered today** 0
Ending fluid to be recovered 1086 **Cum oil recovered** 0
IFL 3900 **FFL** 4000 **FTP** _____ **Choke** 12/64 **Final Fluid Rate** _____ **Final oil cut** Tr.

STIMULATION DETAIL

COSTS

Base Fluid used: Viking I-25 **Job Type:** Sand Frac
Company: BJ Services
Procedure: _____
3000 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
8000 gal w/6-8 ppg of 20/40 sd
6000 gal w/8-10 ppg of 20/40 sd
720 gal w/10 ppg of 20/40 sd
Flush w/3864 gal of 10# Linear gel

Flint Rig 742
BOP 80
Tanks 70
Wtr 700
HO Trk 675
Frac 22,046
Flowback - super 160
IPC Supervision 200

Max TP 2970 **Max Rate** 29 **Total fluid pmpd:** 538 bbls
Avg TP 1550 **Avg Rate** 28 **Total Prop pmpd:** 123,840#
ISIP 1900 **5 min** 1621 **10 min** _____ **15 min** _____
Completion Supervisor: Gary Dietz

DAILY COST: \$24,673
TOTAL WELL COST: \$250,956



Daily Drilling Report

BELUGA 9-18-9-17
NE/SE Sec. 18, 9S, 17E
Duchesne Co., Utah
API # 43-013-32053

Spud Date: 4/20/98
MIRU Drl Rig: 4/20/98, Union #7
PTD: 6500'

4/21/98 TD: 356', made 346'. (Uinta) PO: NU BOP's. (Day 1)

Summary: 4/20/98 - 5 hrs - MIRU. 1 hr - Drl & set 24' conductor. **SPUD WELL @ 12:05 PM, 4/20/98.** 2 hrs - Drl & set MH & RH. 1-3/4 hrs - Drl Kelly dn. NU airbowl & flowline. 6 hrs - Drl 12-1/4" hole 20' - 356'. 3/4 hr - C&C. TOH. ND air bowl & flowline. Pull conductor. 1 hr - Run 8-5/8" GS, 8 jt 8-5/8", 24#, J-55, ST & C csg, WHI "W92", 2000 psi WP csg head (328'). Csg set @ 338'. 1-1/4 hrs - RU Halliburton. Wash csg dn 5'. Pmp 5 bbl dye wtr & 20 bbl gel. Cmt w/140 sx Premium Plus w/2% CC & 1/2#/sk flocele & 15 sx Premium Plus (15.6 ppg 1.18 cf/sk yield). 6 bbls cmt to sfc. RD. 4 hrs - WOC. 1-1/4 hrs - NU BOP's.
MW: Air/Foam. Bit #1RR, 17-1/2", FB, Depth Out @ 20'. Bit #2RR, 12-1/4", FB, Depth Out @ 356'.
DC: \$21,860 CC: \$21,860

4/22/98 TD: 1636', made 1280'. (Green River) PO: RS. (Day 2)

Summary: 4/21/98 - 1-1/2 hrs - NU BOP's. 2 hrs - Test lines, valves, rams & manifold to 2000 psi, csg to 1500 psi. 2-1/2 hrs - TIH. Blow csg. Drl plug, cmt & GS. 17-1/4 hrs - Drl & srvy 356' - 1636'. 3/4 hr - RS (head rubber, level rig).
MW: Air/Foam. Bit #3, 7-7/8", 586F.
DC: \$14,809 CC: \$36,669

4/23/98 TD: 3315', made 1679'. (Green River) PO: Drlg. (Day 3)

Summary: 4/22/98 - 24 hrs - Drl & srvy 1636' - 3315'.
MW: Air/Foam. Srvy: 1597' @ 1/2°, 2468' @ 3/4°, 2950' @ 1°. Bit #3, 7-7/8", 586F.
DC: \$19,123 CC: \$55,792

4/24/98 TD: 4279', made 964'. (Green River) PO: Drlg. (Day 4)

Summary: 4/23/98 - 9 hrs - Drl & srvy 3315' - 3805'. 1-1/4 hrs - Load hole w/treated wtr & circ. 4 hrs - Trip for Bit #4 & MM. 9-3/4 hrs - Drl & srvy 3805' - 4279'.
MW: 8.4. Srvy: 3403' @ 1-1/4°, 4220' @ 1-1/4°. Bit #1, 7-7/8", 586F, Depth Out @ 3805'. Bit #2, 7-7/8", HP52.
DC: \$20,243 CC: \$76,035

4/25/98 TD: 5281', made 1002'. (Green River) PO: Circ while WO wtr. (Day 5)

Summary: 4/24/98 - 18 hrs - Drl & srvy 4279' - 5134'. 2 hrs - RR (reserve pit pmp). 4 hrs - Drl 5134' - 5281'. WO pit wtr.
MW: 8.4. Srvy: 4849' @ 1-1/2°. Bit #4, 7-7/8", HP52,
DC: \$12,733 CC: \$88,768



Daily Drilling Report - Page Two

BELUGA 9-18-9-17
NE/SE Sec. 18, 9S, 17E
Duchesne Co., Utah
API # 43-013-32053

Spud Date: 4/20/98
MIRU Drl Rig: 4/20/98, Union #7
PTD: 6500'

4/26/98 TD: 5600', made 379'. (Green River) PO: WO Completion. (Day 6)
Summary: 4/25/98 - 9 hrs - Put wtr in reserve pit. Drl 5281' - 5600'. TD 4:00 pm, 4/25/98. 4-3/4 hrs - C&C. LD DP & DC's. 6 hrs - RU PSI. Run DIGL/SP/GR/CAL (5606' - 326') & CN/CD/GR (5584' - 3000'). Had misrun on DIGL on bottom. RD. 3-1/2 hrs - RU Lightning Casers. Ran 5-1/2" GS, 1 jt 5-1/2" csg (42'), 5-1/2" FC, 130 jt 5-1/2", 15.5#, J-55, LT & C csg (5572'). Csg set @ 5582'. RD. 1-1/2 hrs - RU Halliburton & circ. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/270 sx Hibond 65 Modified (11.0 ppg 3.0 cf/sk yield) & 265 sx Thixotropic & 10% Calseal (14.2 ppg 1.59 cf/sk yield). Good returns until POB w/1600 psi 7:45 am, 4/26/98. Had 5 bbl gel returns. RD. 2 hrs - NU BOP's. Set slips w/80,000#, dump pits, RD. Rig released @ 9:45 am, 4/26/98.
MW: 8.4. Bit #4, 7-7/8", HP52, Depth Out @ 5600'.
DC: \$57,514 CC: \$146,282

FINAL DRILLING REPORT: WOCT



Daily Completion Report

BELUGA 9-18-9-17
NE/SE Sec. 18, 9S, 17E
Duchesne Co., Utah
API # 43-013-32053

Spud Date: 4/20/98
MIRU Drl Rig: 4/20/98, Union #7
TD: 5600'
Completion Rig: Flint #1497

5/6/98 PO: Perf A Sands. (Day 1)

Summary: 5/5/98 - MIRU Flint #1497. NU manual BOP. PU & TIH w/4-3/4" bit, 5-1/2" csg scraper, 177 jts 2-7/8" 8rd 6.5 # M-50 tbg. Tag PBTD @ 5537'. Press test csg & BOP to 3000 psi. Swb FL dn to 4300'. TOH w/tbg. LD bit & scraper. SIFN.
DC: \$19,573 TWC: \$165,855

5/7/98 PO: Frac A Sands. (Day 2)

Summary: 5/6/98 - CP: 0. RU HLS and PERF A SDS @ 4883-89', 4909-13' & 4953-62' W/4 JSPF. TIH w/tbg to 5515'. IFL @ 4300', made 3 swb runs, rec 20 BTF w/tr oil, FFL @ 5300'. SIFN.
DC: \$5,172 TWC: \$171,027

5/8/98 SD until Friday.

5/9/98 PO: Perf & Breakdown C/D sds. (Day 3)

Summary: 5/8/98 - TP: 0, CP: 0. IFL @ 5100'. Made 1 swab run. FFL @ 5100'. TOH w/tbg. NU isolation tool. RU BJ Services & frac A sds w/121,320# 20/40 sd in 576 bbls Viking I-25 Fluid. Perf broke dn @ 2700 psi. Treated @ ave press of 1900 psi w/ave rate of 32 BPM. ISIP: 2500 psi, 5 min: 2367 psi. Flowback on 12/64 choke for 4 hrs & died. Rec 130 BTF (est 23% of load). SIFN w/est 446 BWTR.
DC: \$23,160 TWC: \$194,187

5/10/98 PO: Frac C/D sds. (Day 4)

Summary: 5/9/98 - CP: 25. Bleed off est 3 bbls gel. TIH w/5-1/2" RBP & tbg. Set plug @ 4760'. Circ gelled fluid out of hole. Press test plug to 3000 psi. TOH w/tbg. RU HLS & perf C/D sd @ 4522-27', 4621-23' & 4626-34' w/4 jspf. TIH w/RH, pup jt, 5-1/2" RTTS pkr & tbg. Set pkr @ 4575'. Break dn perfs 4621-4634' @ 3900 psi. Pmp 1 BW @ 1/2 BPM @ 1350 psi. Break dn perfs 4522-27' @ 2300 psi. Pmp 1 BW @ 1/2 BPM @ 1900 psi. Release pkr. Pull above perfs to 4505'. SIFN w/est 445 BWTR.
DC: \$4,245 TWC: \$198,432

5/11/98 SD for Sunday.

5/12/98 PO: Perf GB sds. (Day 5)

Summary: 5/11/98 - TP: 0, CP: 0. IFL @ sfc. Swab FL dn to 4400'. Rec 95 BTF w/tr oil. TOH w/tbg. LD pkr, pup jt & RH. NU isolation tool. RU BJ Services & frac C/D sds w/127,560# 20/40 sd in 580 bbls Viking I-25 fluid. Perfs broke dn @ 3143 psi @ 17 BPM. Treated @ ave press of 2000 psi w/ave rate of 34.6 BPM. ISIP: 2200 psi, 5 min: 2200 psi. Flowback on 12/64 choke for 4-1/2 hrs & died. Rec 160 BTF (est 28% of load). SIFN w/est 770 BWTR.
DC: \$23,276 TWC: \$221,708

5/13/98 PO: Frac GB sds. (Day 6)

Summary: 5/12/98 - CP: 50. Bleed off est 5 bbls frac fluid. TIH w/RH & tbg. Tag sd @ 4640'. CO sd to RBP @ 4760'. Release plug. Pull up & reset @ 4230'. Press test plug to 3000 psi. Swab FL dn to 3400'. Rec 73 BTF. TOH w/tbg. RU HLS & perf GB sds @ 3947-64' & 3975-78' w/4 jspf. TIH w/tbg to 4200'. IFL @ 3400'. Made 4 swab runs, rec 13 BTF. FFL @ 4000'. SIFN w/est 684 BWTR.
DC: \$4,575 TWC: \$226,283



Daily Completion Report – Page Two

BELUGA 9-18-9-17
NE/SE Sec. 18, 9S, 17E
Duchesne Co., Utah
API # 43-013-32053

Spud Date: 4/20/98
MIRU Drl Rig: 4/20/98, Union #7
TD: 5600'
Completion Rig: Flint #1497

5/14/98 PO: Pull plug. CO PBSD. Swab well. (Day 7)

Summary: 5/13/98 – CP: 50. Bleed gas off well. IFL @ 3900'. Made 1 swab run, rec 1 BTF w/tr oil. FFL @ 4000'. TOH w/tbg. NU isolation tool. RU BJ Services & frac GB sds w/123,840# 20/40 sd in 538 bbls Viking I-25 fluid. Perfs broke dn @ 2970 psi. Treated @ ave press of 1550 psi w/ave rate of 28 BPM. ISIP: 1900 psi, 5 min: 1621 psi. Flowback on 12/64 choke for 4 hrs & died. Rec 135 BTF (est 25% of load). SIFN w/est 1086 BWTR.
DC: \$24,673 TWC: \$250,956

5/15/98 PO: Swab well. Trip production tbg. (Day 8)

Summary: 5/14/98 – CP: 50. Bleed off est 3 bbls frac fluid. TIH w/RH & tbg. Tag sd @ 4111'. CO sd to RBP @ 4230'. Release plug. TOH w/tbg. LD plug. TIH w/NC & tbg. Tag sd @ 5294'. CO sd to PBSD @ 5537'. Circ hole clean. Lost est 40 BW during circ's. Pull EOT to 5501'. IFL @ sfc. Made 16 swab runs, rec 180 BTF (est 160 BW, 20 BO). FOC @ 5%. No sd. FFL @ 2200'. SIFN w/est 963 BWTR.
DC: \$2,387 TWC: \$253,343

5/16/98 PO: PU rods. Prepare well for production. (Day 9)

Summary: 5/15/98 – TP: 100. Bleed gas off well. IFL @ 900'. Made 18 swab runs, rec 210 BTF (est 180 BW, 30 BO). FOC @ 20% w/no sd. FFL @ 2000'. TIH w/tbg. Tag PBSD @ 5537'. TOH w/tbg. TIH w/production tbg as follows: 2-7/8" NC, 2 jts tbg, SN, 4 jts 2-7/8" tbg, 5-1/2" TA, 156 jts 2-7/8" 8rd 6.5# M-50 tbg. ND BOP. Set TA @ 4863' w/SN @ 4990' & EOT @ 5053'. Land tbg w/12,000# tension. NU well head. SIFN w/est 783 BWTR.
DC: \$3,198 TWC: \$256,541

5/17/98 PO: RU sfc equipment. (Day 10)

Summary: 5/16/98 – PU & test pmp. TIH w/2-1/2" x 1-1/2" x 12' x 16' RHAC pmp, 4 – 1-1/2" wt rods, 4 – 3/4" scrapped rods, 95 – 3/4" plain rods, 95 – 3/4" scrapped rods, 1 – 8', 6', 4' & 2 – 2' pony rods. PU & space out w/1-1/4" x 22' polished rod. Seat pmp. Fill tbg w/8 BF. Stroke pmp up to 500# (held). Space out rods. Place horse head on. RDMOL. Est 789 BWTR.
DC: \$92,826 TWC: \$349,367

PLACE WELL ON PRODUCTION @ 2:30 PM, 6/26/98 W/74" SL @ 6-1/2 SPM.

ATTACHMENT H
OPERATING DATA

Submit the following proposed operating data for each well (including all those to be covered by area permits): (1) average and maximum daily rate and volume of the fluids to be injected; (2) average and maximum injection pressure; (3) nature of annulus fluid; and (4) for Class II wells, source and analysis of the physical and chemical characteristics of the injection fluid.

1. Estimated average daily rate is 300 BPD, and the estimated maximum daily rate is 500 BPD.
2. The average and maximum surface pressure will be determined upon testing.
3. Fresh water treated with scale inhibitor, oxygen scavenger, biocide (behind packer fluid).
4. The injected fluid is primarily culinary water from the Johnson Water District; in secondary cases the injected fluid will be culinary water from the Johnson Water District commingled with produced water. (See Attachments E-1 through E-3 for analysis).

ATTACHMENT M
CONSTRUCTION DETAILS

Submit schematic or other appropriate drawings of the surface and subsurface construction details of the well.

Attachment M-1 Wellbore schematic of Beluga #9-18-9-17.

Attachment M-2 Site Plan of Beluga #9-18-9-17.

Beluga #9-18-9-17

Spud Date: 4-20-98
 Put on Production: 6-26-98
 GL: 5439.9' KB: 5450'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (328')
 DEPTH LANDED: 338'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sx Premium, est 6 bbl to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5572')
 DEPTH LANDED: 5582'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 270 sx Hibond & 265 sx Thixotropic
 CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT: 2-7/8", M-50, 6.5#
 NO of JTS: 156 jts
 TUBING ANCHOR: 4863'
 SEAT NIPPLE: 4991'
 EOT: 5054'

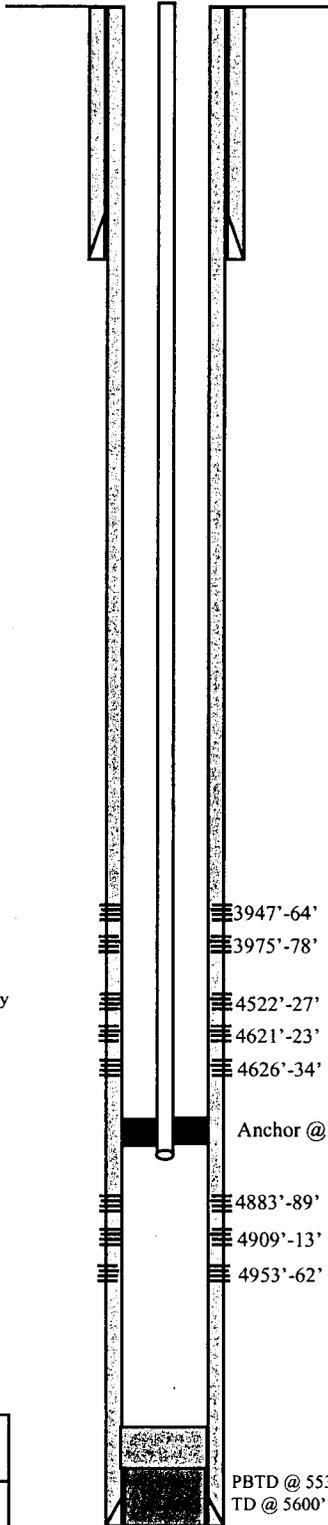
SUCKER RODS

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: 4-11/2" wt rods, 4-3/4" scraped
 95-3/4" plain, 95-3/4" scraped, 1-8', 1-6', 1-4', 2-2' pony
 PUMP SIZE: 2-1/2"x1-1/2"x12'x16' RHAC
 STROKE SIZE: 74"
 SPM: 5

LOGS: DIGL/SP/GR/CAL 5606'-326'
 CN/CD/GR/GR 5584'-3000'

FRAC JOB

- 5-9-98 4883'-4962' Frac A sand as follows:
 121,320# 20/40 sand in 576 bbls Viking. Perfs broke @ 2700 psi. Treated w/avg press of 1900 psi, w/avg rate of 32 BPM. ISIP-2500 psi, 5 min 2367 psi. Flowback on 12/64" ck for 4 hrs & died.
- 5-12-98 4522'-4634' Frac C/D sand as follows:
 127,560# 20/40 sand in 580 bbls Viking. Perfs broke @ 3143 psi. Treated w/avg press of 2000 psi, w/avg rate of 34.6 BPM. ISIP-2200 psi, 5 min 2200 psi. Flowback on 12/64" ck for 4-1/2 hrs & died.
- 5-14-98 3947'-3978' Frac GB sand as follows:
 123,840# 20/40 sand in 538 bbls Viking. Perfs broke @ 2970 psi. Treated w/avg press of 1550 psi, w/avg rate of 28 BPM. ISIP-1900 psi, 5 min 1621 psi. Flowback on 12/64" ck for 4 hrs & died.



PERFORATION RECORD

Date	Depth Range	SPF	Holes
5-7-98	4883'-4889'	4 SPF	20 holes
5-7-98	4909'-4913'	4 SPF	16 holes
5-7-98	4953'-4962'	4 SPF	36 holes
5-10-98	4522'-4527'	4 SPF	20 holes
5-10-98	4621'-4623'	4 SPF	4 holes
5-10-98	4626'-4634'	4 SPF	32 holes
5-13-98	3947'-3964'	4 SPF	68 holes
5-13-98	3975'-3978'	4 SPF	12 holes

PBSD @ 5537'
 TD @ 5600'



Inland Resources Inc.

Beluga #9-18-9-17

1980 FSL 660 FEL
 NESE Section 18-T9S-R18E
 Duchesne Co, Utah
 API #43-013-32053; Lease #UTU-72106

Inland Production Company Site Facility Diagram

Beluga 9-18

NE/SE Sec. 18, T9S, 17E

Duchesne County

Dec. 4, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Line Heater



Well Head

Legend

Emulsion Line
Load Line	-----
Water Line	-----
Oil Line	————
Gas Sales	-----

ATTACHMENT Q
PLUGGING AND ABANDONMENT PLAN

Submit a plan for plugging and abandonment of the well. Submit this information on EPA Form 7520-14, Plugging and Abandonment Plan.

Attachment Q-1 EPA Form 7520-14, Plugging and Abandonment Plan

Attachment Q-2 Wellbore Schematic of Proposed Plugging and Abandonment

Attachment Q-3 Work Procedure for Plugging and Abandonment



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
PLUGGING AND ABANDONMENT PLAN

NAME AND ADDRESS OF FACILITY Beluga #9-18-9-17 Duchesne County, Utah	NAME AND ADDRESS OF OWNER/OPERATOR Inland Production Company 410 17th Street, Suite 700 Denver, Colorado 80202
----------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT --- 640 ACRES 	STATE Utah	COUNTY Duchesne	PERMIT NUMBER 43-013-32053
	SURFACE LOCATION DESCRIPTION ¼ OF NE ¼ OF SE SECTION 18 TOWNSHIP 9S RANGE 17E		
	LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location _____ 1980 ft. from (N/S) S _____ Line of quarter section and _____ 660 ft. from (E/W) E _____ Line of quarter section		
TYPE OF AUTHORIZATION <input type="checkbox"/> Individual Permit <input checked="" type="checkbox"/> Area Permit <input type="checkbox"/> Rule Number of Wells _____ 14 Lease Name _____ Beluga Unit		WELL ACTIVITY <input type="checkbox"/> CLASS I <input checked="" type="checkbox"/> CLASS II <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage <input type="checkbox"/> CLASS III Well Number _____ #3-18-9-17	

CASING AND TUBING RECORD AFTER PLUGGING					METHOD OF EMPLACEMENT OF CEMENT PLUGS			
SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE	<input checked="" type="checkbox"/>	The Balance Method		
8-5/8"	24	338'	338'	12-1/4"	<input type="checkbox"/>	The Dump Bailer Method		
5-1/2"	15.5	5582'	5582'	7-7/8"	<input type="checkbox"/>	The Two-Plug Method		
					<input type="checkbox"/>	Other		

CEMENTING TO PLUG AND ABANDON DATA:	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will be Placed (inches)	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	annulus
Depth to Bottom of Tubing or Drill Pipe (ft.)	5053'	5053'	5053'	5053'	5053'	5053'	5053'
Sacks of Cement To Be Used (each plug)	30	35	25 sx	25 sx	15 sx	10 sx	10 sx
Slurry Volume To Be Pumped (cu. Ft.)							
Calculated Top of Plug (ft.)	4783'	4422'	3847'	2000'	288'	surface	surface
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)	15.8	15.8	15.8	15.8	15.8	15.8	15.8
Type Cement or Other Material (Class III)	Class G						

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)			
From	To	From	To
no open holes			

Estimated Cost to Plug Wells \$18,000

CERTIFICATION

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

NAME AND OFFICIAL TITLE (Please type or print) W. T. War Vice President	SIGNATURE 	DATE SIGNED 11/30/01
-------------------------------------------------------------------------------	---------------	-------------------------

Beluga #9-18-9-17

Spud Date: 4-20-98
 Put on Production: 6-26-98
 GL: 5439.9' KB: 5450'

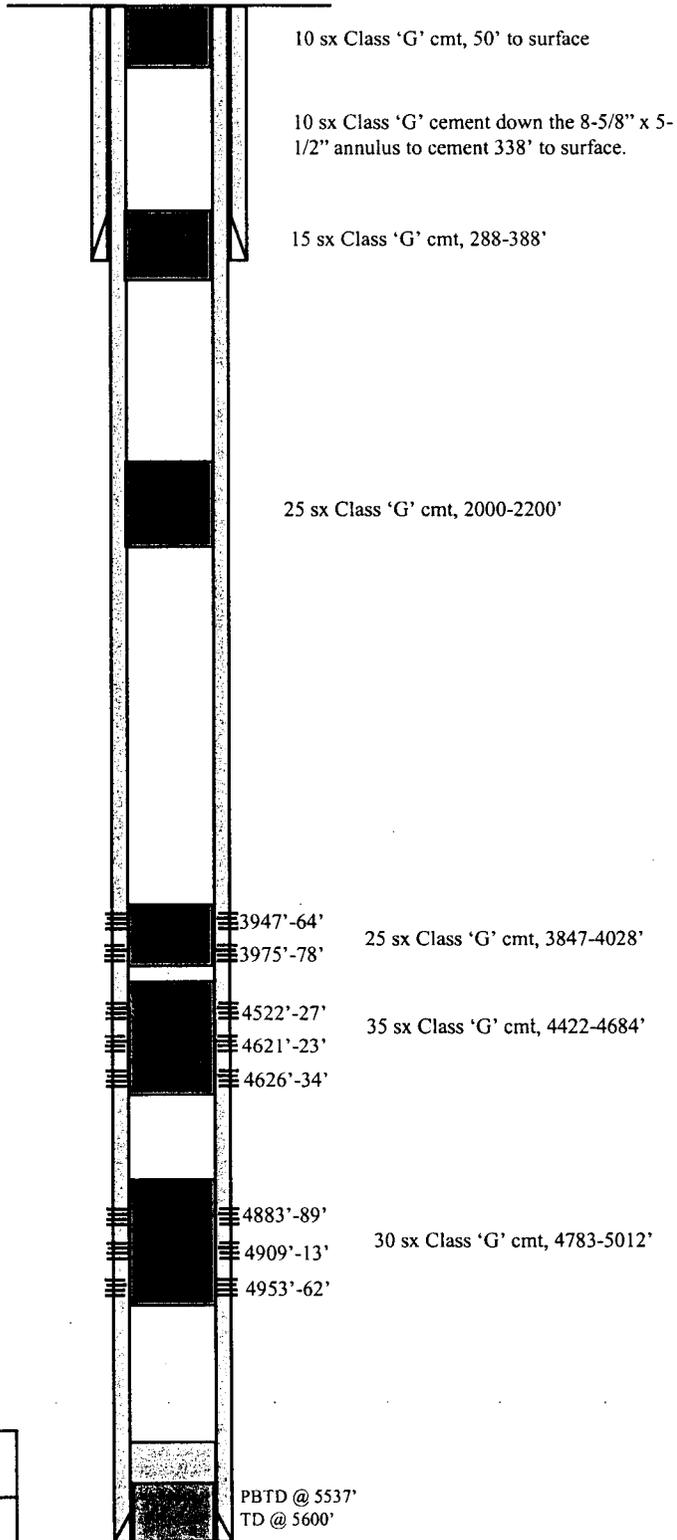
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (328')
 DEPTH LANDED: 338'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sx Premium, est 6 bbl to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5572')
 DEPTH LANDED: 5582'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 270 sx Hibond & 265 sx Thixotropic
 CEMENT TOP AT: Surface



	Inland Resources Inc.
	Beluga #9-18-9-17 1980 FSL 660 FEL NESE Section 18-T9S-R18E Duchesne Co, Utah API #43-013-32053; Lease #UTU-72106

ATTACHMENT Q-3

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 229' plug from 4783'-5012' with 30 sxs Class "G" cement.
2. Plug #2 Set 262' plug from 4422'-4684' with 35 sxs Class "G" cement.
3. Plug #3 Set 181' plug from 3847'-4028' with 25 sxs Class "G" cement.
4. Plug #4 Set 200' plug from 2000'-2200' with 25 sxs Class "G" cement.
5. Plug #5 Set 100' plug from 288'-388' with 15 sxs Class "G" cement (50' above and 50' below casing shoe).
6. Plug #6 Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 338' to surface.
7. Set plug from 50' to surface with 10 sxs Class "G" cement.

ATTACHMENT R
NECESSARY RESOURCES

Submit evidence such as a surety bond or financial statement to verify that the resources necessary to close, plug, or abandon the well are available.

Inland Production Company demonstrates financial responsibility by submitting annually the 10K financial report.

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

<p>1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other</p> <p>2. Name of Operator INLAND PRODUCTION COMPANY</p> <p>3. Address and Telephone No. 410 Seventeenth Street, Suite 700 Denver, CO 80202 (303) 893-0102</p> <p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NESE 1980 FSL, 660 FEL Sec. 18-T9S-R17E</p>	<p>5. Lease Designation and Serial No. UTU-72106</p> <p>6. If Indian, Allottee or Tribe Name NA</p> <p>7. If unit or CA, Agreement Designation Beluga Unit</p> <p>8. Well Name and No. Beluga #9-18-9-17</p> <p>9. API Well No. 43-013-32053</p> <p>10. Field and Pool, or Exploratory Area Monument Butte</p> <p>11. County or Parish, State Duchesne County, UT</p>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<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 checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<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)

Please see attached injection application.

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

Signed Joyce I. McGough Title Regulatory Specialist Date 11/30/01
Joyce I. McGough

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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



November 30, 2001

Mr. Emmett Schmitz
U.S. Environmental Protection Agency
Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2405

RE: Permit Application for Water Injection Well
Beluga #9-18-9-17
Monument Butte Field, Beluga Unit, Lease #UTU-72106
Section 18-Township 9S-Range 17E
Duchesne County, Utah

Dear Mr. Schmitz:

Inland Production Company herein requests a permit to convert the Beluga #9-18-9-17 from a producing oil well to a water injection well.

Included with this application is a cement bond log for your convenience. As they are difficult to copy, however, I would very much appreciate its return.

I hope you find this application complete; however, if you have any questions or require additional information, please contact George Rooney at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. War". The signature is written in a cursive, flowing style.

W. T. War
Vice President

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well: Oil Well (checked), Gas well, Other. 2. Name of Operator: Inland Production Co. 3. Address and Telephone No.: 410 Seventeenth Street, Suite 700 Denver, CO 80202 (303) 893-0102. 4. Location of Well: NESE 1980 FSL, 660 FEL SEC. 18, T9S, R17E

5. Lease Designation and Serial No.: UTU-72106. 6. If Indian, Allottee or Tribe Name: NA. 7. If unit or CA, Agreement Designation: Beluga Unit. 8. Well Name and No.: Beluga #9-18-9-17. 9. API Well No.: 43-013-32053. 10. Field and Pool, or Exploratory Area: Monument Butte. 11. County or Parish, State: Duchesne County, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA. Table with columns TYPE OF SUBMISSION and TYPE OF ACTION. Includes options like Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing repair, Altering Casing, Other, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-off, Conversion to Injection, Dispose Water.

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).

Please see attached injection application.

14. I hereby certify that the foregoing is true and correct. Signed: Joyce I. McGough, Title: Regulatory Specialist, Date: 11/30/01

(This space of Federal or State office use.)

Approved by: _____ Title: _____ Date: _____

Conditions of approval, if any:

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

*See Instruction on Reverse Side



November 30, 2001

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

RE: Beluga #9-18-9-17
Section 18-Township 9S-Range 17E
Duchesne County, Utah

Dear Mr. Forsman:

Inland Production Company, as operator of the above referenced well, has requested to convert the above well from a producer to an injector. Enclosed for your review is a copy of the application filed with the State of Utah. Also enclosed is a copy of the sundry notice of intent.

Should you have any questions, please contact me or George Rooney at 303/893-0102.

Sincerely,

Joyce McGough
Regulatory Specialist

Enclosures

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company **Well:** Beluga 9-18-9-17
Location: 18/9S/17E **API:** 43-013-32053

Ownership Issues: The proposed well is located on BLM land. The well is located in the Beluga Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Inland and other various individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Beluga Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 328 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5582'. A cement bond log demonstrates adequate bond in this well up to 2637'. A 2 7/8 inch tubing with a packer will be set at 3881 feet. A mechanical integrity test will be run on the well prior to injection. There are 4 producing wells and 1 injection well in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 1400 feet. Injection shall be limited to the interval between 3471 feet and 4794 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 9-18-9-17 well is .91 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1884 psig. The requested maximum pressure is 1884 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Beluga 9-18-9-17
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Beluga Unit February 4, 1996. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

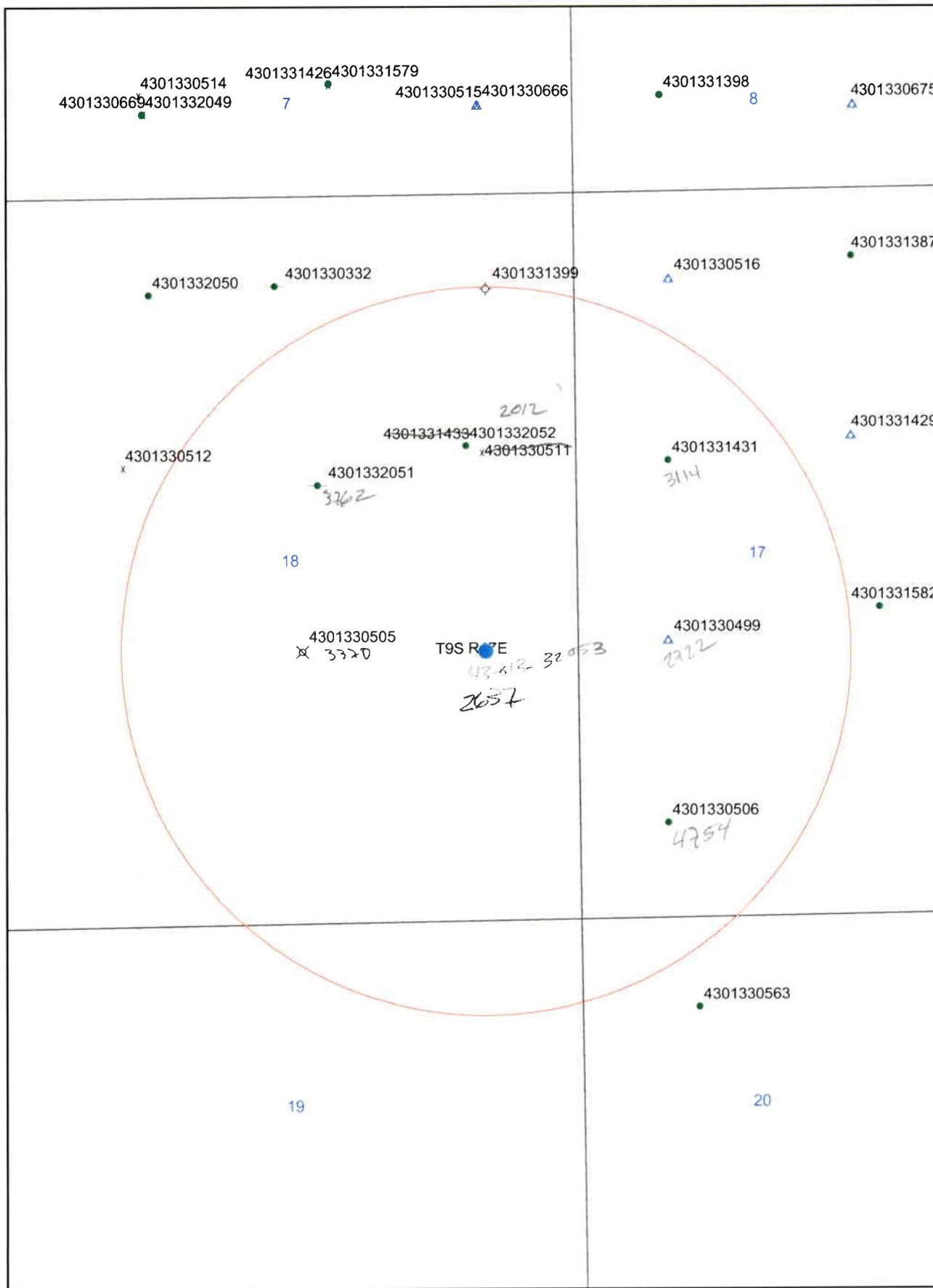
Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill

Date 01/03/2002

Beluga 9-18-9-17





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)

January 7, 2002

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: Beluga Unit Well: Beluga 9-18-9-17, Section 18, Township 9 South, Range 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

John R. Baza
Associate Director

er

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

JUL 21 2004

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED

JUL 26 2004

Mr. David Gerbig
Operations Engineer
Inland Production Co.
1401 Seventeenth Street - Suite 1000
Denver, CO 80202

DIV. OF OIL, GAS & MINING

RE: **ADDITIONAL WELL TO
BOUNDARY AREA PERMIT:
UT20798-00000
Beluga No. 9-18-9-17
Well ID: UT20798-04665.
Duchesne County, Utah**

Dear Mr. Gerbig:

The Inland Production Co.(Inland) request **to convert** a former Green River Formation Garden Gulch-Douglas Creek Members oil well, the Beluga No. 9-18-9-17, to an enhanced recovery injection well in the Beluga Area Permit is hereby authorized. The proposed Beluga No. 9-18-9-17 Class II enhanced recovery injection well is within the exterior boundary of Area Permit UT20798-00000; is within the exterior boundary of the Uintah & Ouray Indian Reservation; and the addition is being made under the authority of 40 CFR § 144.33 (c) and the terms of the Area Permit. Unless specifically mentioned in the enclosed Authorization For An Additional Well, all terms and conditions of the original Area Permit will apply to the conversion, operation, and monitoring, and plugging of the Beluga No 9-18-9-17.

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

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



Because the cement bond log submitted for this well did not show an adequate interval of annulus cement through the confining zone, the operator shall be required to demonstrate Part II (External) MIT within a 180-day Limited Authorization To Inject. This demonstration may be made by a Temperature Survey, Noise Log, or Oxygen Activation Log, and Region 8 may accept results from a Radioactive Tracer Survey under certain circumstances. A limited period of authorization to inject is for the purpose of stabilizing the injection zone prior to this demonstration.

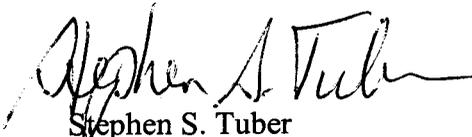
A copy of Guidance 37, and a Region 8 Guideline for conducting a Temperature Survey are enclosed.

Pursuant to Part II. Section C. Condition No. 5, (Injection Pressure Limitation), Beluga Area Permit UT20798-00000, the initial surface injection pressure shall not exceed **1855 psig**. The Beluga Final Area Permit, Part II. C. 5., provides an opportunity for the permittee to request an increase, or decrease, in the initial maximum surface injection pressure.

Please be aware that Inland does not have authorization to begin injection into the Beluga No. 9-18-9-17 until the Prior to Commencing Injection requirements, listed above, have been submitted and evaluated by the EPA, and Inland has received written authorization to begin injection from the Assistant Regional Administrator, or the Assistant Regional Administrator's authorized representative.

If Inland Production Company has any questions, please call Mr. Dan Jackson at 1-800-227-8917 (Ext. 6155). Please submit the required pre-authorization to inject data to **ATTENTION: DAN JACKSON**, at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



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

enclosures: EPA Form No. 7520-12 (Well Rework Record)
Authorization For Conversion of An Additional Well
EPA Guidance No. 37: Part II (External) MIT
EPA Guidance: Temperature Logging for MIT

cc w/ enclosures:

Maxine Natchees
Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe

Elaine Willie
Environmental Director
Ute Indian Tribe

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

Mike Guinn
Vice President - Operations
Inland Production Co.
Gil Hunt
State of Utah Natural Resources
Division of Oil, Gas, and Mining

Jerry Kenczka
BLM - Vernal Office



1
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

**AUTHORIZATION FOR AN ADDITIONAL WELL
TO THE
BELUGA AREA PERMIT: UT20798-00000**

The Environmental Protection Agency (EPA) authorizes the inclusion of an additional enhanced recovery injection well to the Beluga Area Permit No. UT20798-00000, as authorized by 40 CFR § 144.33 (c). The additional well is described as:

WELL NAME: BELUGA NO. 9-18-9-17
WELL PERMIT NUMBER: UT20798-04665

SURFACE LOCATION: 1980' FSL & 660' FEL (NE SE)
Sec. 18 - T9S - R17E
Duchesne County, Utah.

This well is subject to all provisions of the original Beluga Area Permit (UT20798-00000), and subsequent Modifications, unless specifically detailed below:

UNDERGROUND SOURCE OF DRINKING WATER (USDW): The base of the USDW in the Beluga No. 9-18-9-17 occurs within the Uinta Formation approximately **440 feet** from ground level (GL). The source for the location of the base of the USDW is the STATE OF UTAH: PUBLICATION NO. 2. BASE OF MODERATELY SALINE GROUND WATER IN THE UINTA BASIN, UTAH. Surface casing was set at **338 feet** kelly bushing (KB) and cemented to the surface.

CONFINING ZONE REVIEW: BELUGA NO. 9-18-9-17.

The Beluga Area Permit original Statement of Basis does not identify a specific confining zone proximate to the top of the Douglas Creek Member of the Green River Formation. Adjacent to the top of the Douglas Creek Member, in the Beluga No. 9-18-9-17, is a 59-foot (4452 feet to 4393 feet) impermeable shale confining zone. There is no 80% bond index cement bond associated with this confining interval.

The Garden Gulch Member of the Green River Formation was added as an injection zone, by Permit Modification on December 29, 1999. In the Beluga No. 9-18-9-17, the EPA identifies the confining zone directly overlying the top of the Garden Gulch as an 88-foot silty, black organic shale from 3474 feet to 3386 feet (CBL/GR). An EPA analysis of the Cement Bond



The EPA analysis of the CBL/GR shows the shallowest interval of 80% cement bond index is from 4481 feet to 4552 feet in the Douglas Creek Member.

PART II. A. CONSTRUCTION REQUIREMENTS FOR ADDITIONAL WELLS

Tubing and Packer: (Condition 3)

For injection purposes, the **Beluga No. 9-18-9-17** will be equipped with 2-7/8 tubing with a packer to be set at a depth no higher than 100 feet above the top perforation.

Formation Testing and Logging (Condition 6)

- (a) Upon conversion of the **Beluga No. 9-18-9-17**, the permittee is required to determine the injection zone **fluid pore pressure** (static bottom hole pressure) prior to commencement of enhanced recovery injection operation. The results of this test shall be submitted to the EPA.
- (b) A **step-rate test (SRT)** shall be performed on the Beluga No. 9-18-9-17 within three (3) to six (6) months after injection operations are initiated. The results shall be submitted to the EPA. The permittee will contact the EPA prior to conducting the SRT to acquire the most current Guidance for conducting the SRT.

PART II. B.

Corrective Action

As of July 2004, there are three (3) Garden Gulch-Douglas Creek Members oil wells, and one (1) staked Green River Formation location (No. 16-18) within, or proximate to the one-quarter (1/4) mile radius around the Beluga No. 9-18-9-17. No wells need Corrective Action.

Garden Gulch-Douglas Creek Members Oil Wells:

<u>Beluga No. 8-18-9-17:</u>	SE NE Sec. 18 - T9S - R17E
Confining Zone:	3443 feet to 3508 feet
Top Garden Gulch Member:	3508 feet
Top 80% Bond Index Cement Bond:	3979 feet to 3986 feet

The 65-foot confining shale overlying the top of the Garden Gulch Member has no 80% bond index cement bond. This lack of confining zone annulus cement may not prevent upward movement of injected fluids through vertical channels adjacent to the well bore. The permittee will be required to inspect the surface of this location for fluid leaks on a weekly basis. **Any observation of surface leakage may be considered as noncompliance with the Beluga No. 9-18-9-17**

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

Confirmation that the injectate will be confined to the authorized injection zone: It has not been determined that the annulus cement in this well provides an effective barrier to significant upward movement of fluids through vertical channels adjacent to the wellbore (Part II MI), pursuant to 40 CFR 146.8 (a) (2). Within a 180-day LIMITED AUTHORIZATION INJECTION PERIOD, the permittee shall demonstrate Part II MI. Part II MI may be demonstrated by using methods as described in the enclosed GROUND WATER SECTION GUIDANCE NO. 37: Demonstrating Part II (External Mechanical Integrity for a Class II Injection Well Permit).

Please be advised that all tests will be conducted following current EPA Guidelines. Deviations from those Guidelines, without written approval of the Director, may result in denial of the survey/test.

Injection Interval

(Condition 3)

Injection shall be limited to the **gross Garden Gulch, Douglas Creek and Basal Carbonate Members of the Green River Formation, 3474 feet (KB) to the top of the Wasatch Formation, estimated to be 6225 feet.**

Injection Pressure Limitation

(Condition 4)

Pursuant to Final Area Permit UT20798-00000, Part II. Section C. 4. (b). the maximum surface injection pressure (MIP) shall not exceed 1855 psig. Until such time that a step-rate injectivity test (SRT) has been performed, reviewed, and approved by the EPA, the initial maximum surface injection pressure (MIP) for the **Beluga No. 9-18-9-17** shall not exceed **1855 psig.**

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

$$\text{FG} = 0.91 \text{ psi/ft. Minimum value of three (3) sand/frac treatments}$$

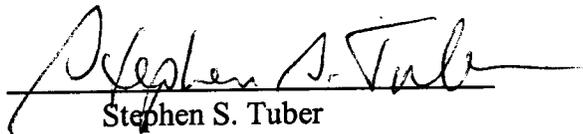
$$\text{SG} = 1.005$$

$$\text{D} = 3947 \text{ feet. Top perforation.}$$

$$\text{MIP} = [0.91 - (0.433)(1.005) 3947]$$

This authorization for well conversion of the Beluga No. 9-18-9-17 to an enhanced recovery injection well becomes effective upon signature.

Date: JUL 21 2001

A handwritten signature in black ink, appearing to read "Stephen S. Tuber", written over a horizontal line.

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

Spud Date: 4-20-98
 Put on Production: 6-26-98
 GL: 5439.9' KB: 5450'

Beluga #9-18-9-17

Proposed Injection Wellbore Diagram

FRAC JOB

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (328')
 DEPTH LANDED: 338'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sx Premium, est 6 bbl to surface

Base USDWs 440'

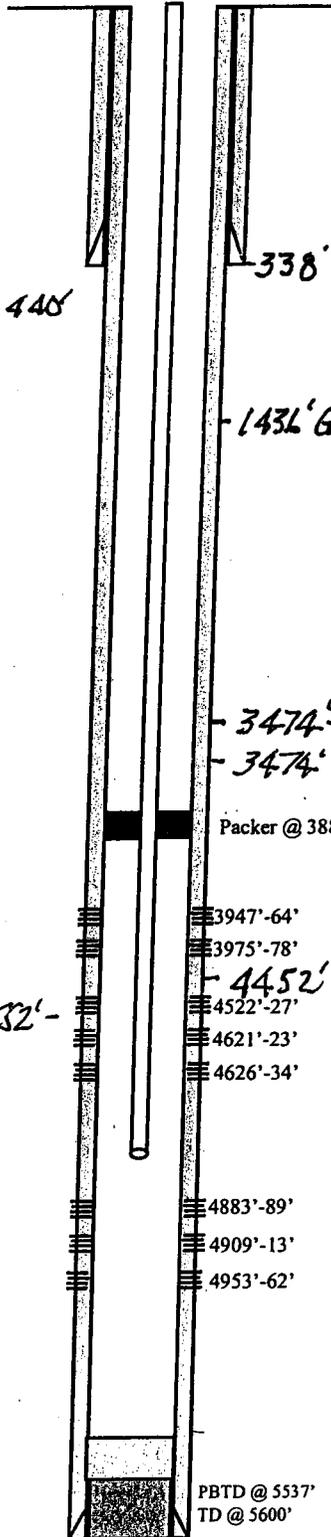
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5572')
 DEPTH LANDED: 5582'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 270 sx Hibond & 265 sx Thixotropic
 CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT: 2-7/8", M-50, 6.5#
 NO of JTS: 156 jts
 TUBING ANCHOR: 4863'
 SEAT NIPPLE: 4991'
 EOT: 5054'

Top 80% Cement 4481'-4532'-



5-9-98 4883'-4962' Frac A sand as follows:
 121,320# 20/40 sand in 576 bbls
 Viking. Perfs broke @ 2700 psi.
 Treated w/avg press of 1900 psi,
 w/avg rate of 32 BPM. ISIP-
 2500 psi, 5 min 2367 psi. Flow-
 back on 12/64" ck for 4 hrs & died.

5-12-98 4522'-4634' Frac C/D sand as follows:
 127,560# 20/40 sand in 580 bbls
 Viking. Perfs broke @ 3143 psi.
 Treated w/avg press of 2000 psi,
 w/avg rate of 34.6 BPM. ISIP-2200
 psi, 5 min 2200 psi. Flowback on
 12/64" ck for 4-1/2 hrs & died.

- 1436' Green River

5-14-98 3947'-3978' Frac GB sand as follows:
 123,840# 20/40 sand in 538 bbls
 Viking. Perfs broke @ 2970 psi.
 Treated w/avg press of 1550 psi,
 w/avg rate of 28 BPM. ISIP-1900
 psi, 5 min 1621 psi. Flowback on
 12/64" ck for 4 hrs & died.

- 3474'-3306' (88') Confining Zone
- 3474' Garden Gulch Mem.

Packer @ 3881'

3947'-64'

3975'-78'

- 4452' Douglas Creek Mem.

4522'-27'

4621'-23'

4626'-34'

PERFORATION RECORD

Date	Depth Range	SPF	Holes
5-7-98	4883'-4889'	4 SPF	20 holes
5-7-98	4909'-4913'	4 SPF	16 holes
5-7-98	4953'-4962'	4 SPF	36 holes
5-10-98	4522'-4527'	4 SPF	20 holes
5-10-98	4621'-4623'	4 SPF	4 holes
5-10-98	4626'-4634'	4 SPF	32 holes
5-13-98	3947'-3964'	4 SPF	68 holes
5-13-98	3975'-3978'	4 SPF	12 holes

PBSD @ 5537'
 TD @ 5600'



Inland Resources Inc.

Beluga #9-18-9-17

1980 FSL 660 FEL

NESE Section 18-T9S-R18E

Duchesne Co, Utah

API #43-013-32053; Lease #UTU-72106

Revised by JM 11/28/01



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466

TEMPERATURE LOGGING FOR MECHANICAL INTEGRITY

January 12, 1999

PURPOSE:

The purpose of this document is to provide a guideline for the acquisition of temperature surveys, a procedure that may be used to determine the internal mechanical integrity of tubing and casing in an injection well. A temperature survey may be used to verify confinement of injected fluids within the injection formation.

LOGGING PROCEDURE

Run the temperature survey while going into the hole, with the temperature sensor located as close to the bottom of the tool as possible. The tool need not be centralized.

Record temperatures a 1-5 °F per inch, on a 5 inches per 100 feet log scale.

Logging speed should be within 20 - 30 feet per minute.

Run the log from ground level to total depth (or plug-back depth) of the well.

When using digital logging equipment, use the highest digital sampling rate as possible. Filtering should be kept to a minimum so that small scale results are obtained and preserved.

Record the first log trace while injecting at up to the maximum allowed injection pressure. Subsequent to the temperature survey, the maximum injection pressure will be limited to the pressure used during the survey.

LOG TRACES

Log the first log trace while the well is actively injecting, and record traces for gamma ray, temperature, and differential temperature.

Shut-in (not injecting) temperature curves should be recorded at intervals depending on the length of time that the injection well has been active. Preferred time intervals are shown in the following table:

Table with 6 columns: Active Injection, and Record Curves at These Times (In Hours) with sub-columns for 1, 3, 6, 12, 22-24, 45-48, 90-96, 186-192 hours.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 300
DENVER, COLORADO 80202-2466

SUBJECT: GROUND WATER SECTION GUIDANCE NO. 37
Demonstrating Part II (external) Mechanical Integrity
for a Class II injection well permit.

FROM: Tom Pike, Chief
UIC Direct Implementation Section

TO: All Section Staff
Montana Operations Office

During the review for a Class II injection well permit, consideration must be given to the mechanical integrity (MI) of the well. MI demonstrates that the well is in sound condition and that the well is constructed in a manner that prevents injected fluids from entering any formation other than the authorized injection formation.

A demonstration of MI is a two part process:

PART I - INTERNAL MECHANICAL INTEGRITY is an assurance that there are no significant leaks in the casing/tubing/packer system.

PART II - EXTERNAL MECHANICAL INTEGRITY demonstrates that after fluid is injected into the formation, the injected fluids will not migrate out of the authorized injection interval through vertical channels adjacent to the wellbore.

A Class II injection well may demonstrate Part II MI by showing that injected fluids remain within the authorized injection interval. This may be accomplished as follows:

- 1) Cement bond log showing 80% bond through the an appropriate interval (Section Guidance 34),
- 2) Radioactive tracer survey conducted according to a EPA-approved procedure, or
- 3) Temperature survey conducted according to a EPA-approved procedure (Section Guidance 38).

For each test option above, the operator of the injection well should submit a plan for conducting the test. The plan will then be approved (or modified and approved) by EPA. EPA's pre-approval of the testing method will assure the operator that the

test is conducted consistent with current EPA guidance, and that the test will provide meaningful results.

Part II MI may be demonstrated either before or after issuing the Final Permit. However, if Part II is to be demonstrated after the Final Permit is issued, a provision in the permit will require the demonstration of Part II MI. The well will also be required to pass Part II MI prior to granting authorization to inject.

Radioactive tracer surveys and temperature surveys require that the well be allowed to inject fluids as part of the procedure. In these cases, a well that has shown no other demonstration of Part II MI will be allowed to inject only that volume of fluid that is necessary to conduct the appropriate test.

After the results of the test proves that the well has passed Part II MI, the well will be given authorization to begin full injection operations.

If any of the tests show a lack of Part II MI, the well will be repaired and retested, or plugged (See Headquarters Guidance #76).

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: ____/____/____
 Test conducted by: _____
 Others present: _____

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

Is this a regularly scheduled test? Yes No

Initial test for permit? Yes No

Test after well rework? Yes No

Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

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

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



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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		



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

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

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

CA No.

Unit:

BELUGA (GREEN RIVER)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MONUMENT FED 43-7	07	090S	170E	4301331432	11880	Federal	OW	P
BELUGA 15-7-9-17	07	090S	170E	4301331579	11880	Federal	OW	P
BELUGA 10-7-9-17	07	090S	170E	4301332048	11880	Federal	WI	A
BELUGA 14-7-9-17	07	090S	170E	4301332049	11880	Federal	WI	A
MON FED 33-8	08	090S	170E	4301331427	11880	Federal	WI	A
MON ST 23-16-9-17B	16	090S	170E	4301331578	11880	State	OW	P
MON ST 13-16-9-17B	16	090S	170E	4301331580	11880	State	WI	A
MON FED 31-17	17	090S	170E	4301331428	11880	Federal	WI	A
MON FED 22-17	17	090S	170E	4301331429	11880	Federal	WI	A
BALCRON MON FED 12-17	17	090S	170E	4301331431	11880	Federal	OW	P
MONUMENT FED 32-17	17	090S	170E	4301331465	11880	Federal	OW	P
MONUMENT FED 41-17	17	090S	170E	4301331466	11880	Federal	OW	P
BALCRON MON FED 42-17	17	090S	170E	4301331467	11880	Federal	WI	A
MON FED 33-17-9-17B	17	090S	170E	4301331581	11880	Federal	WI	A
MON FED 23-17-9-17B	17	090S	170E	4301331582	11880	Federal	OW	P
BELUGA 3-18-9-17	18	090S	170E	4301332050	11880	Federal	OW	P
BELUGA 7-18-9-17	18	090S	170E	4301332051	11880	Federal	OW	TA
BELUGA 8-18-9-17	18	090S	170E	4301332052	11880	Federal	WI	A
BELUGA 9-18-9-17	18	090S	170E	4301332053	11880	Federal	OW	P
BELUGA U 4-18-9-17	18	090S	170E	4301332274	11880	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-72106
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: BELUGA UNIT
8. WELL NAME and NUMBER: BELUGA 9-18-9-17
9. API NUMBER: 4301332053
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

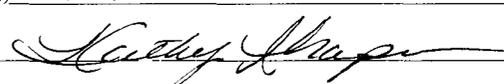
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052	PHONE NUMBER 435.646.3721
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1980 FSL 660 FEL COUNTY: DUCHESNE OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 18, T9S, R17E STATE: UT	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>02/04/2008</u>	<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: - Update
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
At the present time Newfield has no intentions to convert this well to an injection well.

NAME (PLEASE PRINT) <u>Kathy Chapman</u>	TITLE <u>Office Manager</u>
SIGNATURE 	DATE <u>02/07/2008</u>

(This space for State use only)

RECEIVED
FEB 11 2008
DIV. OF OIL, GAS & MINING



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

NOV 10 2011

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

RECEIVED

NOV 21 2011

DIV. OF OIL, GAS & MINING

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Additional Well to Beluga Area Permit
EPA UIC Permit UT20798-09161
Well: Beluga 9-18-9-17
NESE Sec. 18-T9S-R16E 17E
Duchesne County, Utah
API No.: 43-013-32053

Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company to convert the oil well Beluga 9-18-9-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this 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 Beluga Area Permit UT20798-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject, Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval, and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.



If you have any questions, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174. Please submit the required data to Emmett Schmitz at the letterhead address citing mail code 8P-W-GW.

Sincerely,

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

Enclosure: Authorization for Additional Well

cc: Permit Letter:
Uintah & Ouray Business Committee:
Irene Cuch, Chairman
Ronald Wopsock, Vice-Chairman
Richard Jenks Jr., Councilman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc: All enclosures:

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah 84502

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



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 UT20798-00000

The Beluga Unit Final UIC Area Permit UT20798-00000, effective October 25, 1996, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On October 4, 2011, Newfield Production Company (Newfield) notified the Director concerning the following additional enhanced recovery injection well:

Well Name: Beluga 9-18-9-17
EPA Permit ID Number: UT20792-09161
Location: 1980' FSL & 660' FEL
NESE Sec. 16 T9S-R17E
Duchesne County, Utah
API #43-013-32053

Pursuant to 40 CFR §144.33, Area UIC Permit 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 Injection 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: 11/9/11


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*

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Beluga 9-18-9-17
EPA Well ID Number: UT20798-09161

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested.

A successful RTS will be considered a valid confirmation that cementing records show adequate cement to prevent the upward migration of injection fluids from the injection zone at injection pressures up to the MAIP, until one of the following events occurs, at which time a subsequent RTS is required:

- a) If the submitted RTS is determined to be inconclusive or inadequate by EPA,
- b) If the MAIP of the injection well is exceeded for any reason (*It is a violation to exceed the MAIP without prior EPA approval*),
- c) If new injection perforations are added to the injection well, either through the creation of new perforations or the adjustment of the packer depth to inject into a set of existing perforations that were previously inactive,
- d) If the injection formation is acid-treated, hydraulically stimulated, or stimulated by any other method through the injection well, that may affect the cement integrity of the well,
- e) If the Director requests that a RTS be run for any reason.

A submitted RTS which indicates the movement of fluid behind casing from the injection zone will result in a requirement to demonstrate part II mechanical integrity using an approved demonstration method such as a temperature log, oxygen activation log, or noise log at a frequency no less than once every five years.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Zone: Injection is approved between the top of the Garden Gulch Member No. 2, of the Green River Formation, at 3,784 feet (ft.) to the top of the Wasatch Formation, at an estimated depth of 5,700 ft.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 1,500 psig, based on the following calculation:

$$\begin{aligned} \text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where} \\ \text{FG} &= 0.82 \text{ psi/ft} \quad \text{SG} = 1.015 \quad \text{D} = 3,947 \text{ ft. (top perforation depth KB)} \\ \text{Initial MAIP} &= 1,500 \text{ psig} \end{aligned}$$

UIC Area Permit No. UT20798-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

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). However, cementing records, including the cement bond log, have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids 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 ft. 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) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. If the RTS is not run, or if the RTS does not confirm adequate cement, the permittee shall demonstrate Part II (external) Mechanical Integrity pursuant to 40 CFR § 146.8(a)(2) using an approved test method such as temperature log, noise log or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Surety Bond in the amount of \$42,000 that has been approved by EPA. The Director may revise the amount required, and may require the permittee to obtain and provide updated estimates of costs 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 Underground Sources of Drinking Water (USDW). 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 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.

PLUG NO. 2: Perforate and squeeze cement up the backside of the 5-1/2" casing across the Trona Zone and the Mahogany Bench from approximately 2,637 ft. to 2,808 ft. unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 171-foot balanced cement plug inside the 5-1/2" casing from approximately 2,637 to 2,808 ft.

PLUG NO. 3: Perforate and squeeze cement up the backside of the 5-1/2" casing across the contact between the Uinta Formation and Green River Formation from approximately 1,258 to 1,358 ft., unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 100-foot cement plug inside the 5-1/2" casing from approximately 1,258 ft. to 1,358 ft.

PLUG NO. 4: Perforate and squeeze cement up the 5-1/2" x 8-5/8" casing annulus to the surface unless pre-existing cement precludes cementing this interval. Set a Class "G" cement plug within the 5-1/2" casing, from a depth of 490 ft. to the surface. Surface casing set at 338 ft. Base of underground source of drinking water estimated to be 440 ft.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: Beluga 9-18-9-17
EPA Well ID Number: UT20798-09161

Underground Sources of Drinking Water (USDWs): USDWs in the Beluga 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 440 ft. below ground surface in the Beluga 9-18-9-17 well.

Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well.

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: The Total Dissolved Solids (TDS) content of water produced from the Garden Gulch and Douglas Creek Members of the Green River Formation was determined to be 8,871 mg/l on October 12, 2010. Due to nearby injection activity for the purpose of enhanced oil recovery, this TDS value may not be representative of the original TDS content of formation waters at or near the Beluga 9-18-9-17 well.

The TDS content of injectate was determined to be 10,446 mg/l on May 1, 2010. The injectate is water from a Beluga Injection Facility and consists of culinary water from the Johnson Water District blended with Green River water and produced Green River Formation water resulting in a TDS content less than 10,000 mg/l.

Aquifer Exemption: The TDS of water produced from the proposed injection well is less than 10,000 mg/l. However, EPA has evaluated additional data and information and has concluded that the original Green River formation water was saline prior to enhanced oil recovery water flooding. The weight of evidence supports the conclusion that the occasional water sample from this area showing less than 10,000 mg/l is not representative of original Green River formation water, and is attributed to injection of relatively freshwater during enhanced oil recovery operations. Because this freshening effect from water flood operations is considered by EPA to be a temporary, artificial condition, an aquifer exemption is not required for this proposed injection well.

Confining Zone: The Confining Zone, which directly overlies the Garden Gulch Member No. 2, of the Green River Formation, is approximately 436 ft. of shale between the depths of 3,348 ft. and 3,784 ft.

Injection Zone: The Injection Zone at this well location is approximately 2,029 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member No. 2, at 3,741 ft. to the top of the Wasatch Formation which is estimated to be at 5,700 ft. Formation tops are either submitted by the operator or are based on correlations to the Newfield Production Federal 1-26-8-17 (UT20702-04671) Type Log.

Well Construction: The Cement Bond Log (CBL) does not show a sufficient interval of continuous 80 percent or greater cement bond index through the Confining Zone (3,237 to 3,741 ft.). Therefore, further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is required.

Surface Casing: 8-5/8" casing is set at 338 ft. in a 12-1/4" hole, using 140 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,582 ft. in a 7-7/8" hole secured with 535 sacks of cement. Total driller depth is 5,600 ft. Plugged back total depth is 5,537 ft. Estimated CBL top of cement is at the surface.

Perforations: Top perforation: 3,947 ft. Bottom perforation: 4,962 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

Three (3) wells penetrate the confining zone within or proximate to a ¼-mile radius around the Beluga 9-18-9-17 well. Each well was evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs.

No Corrective Action Required on AOR wells:

Pomco 5-17-9-17: (4301330499). The 484-foot (3,768 ft. – 3,274 ft.) predominantly shale Confining Zone contains 19 ft. (3,731 ft. to 3,712 ft.) of 80% bond index cement bond. Operator reports top of cement to be 2700 ft. On September 21, 2007, EPA approves a Radioactive Tracer Survey conducted on February 27, 2007.

Pomco 2-18-9-17: (4301330505): The 428-foot (3,798 ft. – 3,370 ft.) predominantly shale Confining Zone contains 78 ft. (3,798 ft. – 3,720) of 80% bond index cement bond. The CBL cites top of cement to be 3,370 ft., i.e., top of CBL.

Beluga Federal 1-18-9-17: (4301332809). (UT20798-08326). The 437-foot (3,747 ft. – 3,310 ft.) predominantly shale Confining Zone contains 106 ft. (3,747 ft. - 3,687 ft.) of 80% bond index cement bond. The CBL cites top of cement at 20 ft.

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 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 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 an underground source of drinking water.
- (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 weeks of the time such information became known.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-72106
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: BELUGA 9-18-9-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. API NUMBER: 43013320530000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 09.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/26/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="New Perforations"/>

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

The subject well has been converted from a producing oil well to an injection well on 02/22/2013. New intervals: CP3 5453-5465' 3 JSPF & PB10 4195-4200' 3 JPSF. Initial MIT on the above listed well. On 02/26/2013 the casing was pressured up to 1480 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not an EPA representative available to witness the test. EPA#
UT22197-09849

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
March 12, 2013**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 2/28/2013	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 2, 26, 2013
 Test conducted by: Cody Marx
 Others present: _____

Well Name: <u>Federal 9-18-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NE/SE</u> Sec: <u>18</u> T <u>9</u> N/ <u>S</u> R <u>17</u> <u>E</u> /W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Cody Marx</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	PSIG

-09849

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: 1480 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>200</u> psig	psig	psig
End of test pressure	<u>200</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1480</u> psig	psig	psig
5 minutes	<u>1480</u> psig	psig	psig
10 minutes	<u>1480</u> psig	psig	psig
15 minutes	<u>1480</u> psig	psig	psig
20 minutes	<u>1480</u> psig	psig	psig
25 minutes	<u>1480</u> psig	psig	psig
30 minutes	<u>1480</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

Daily Activity Report

Format For Sundry

BELUGA 9-18-9-17

12/1/2012 To 4/28/2013

2/19/2013 Day: 1

Conversion

WWS #5 on 2/19/2013 - MIRUSU. LD rod string. - MIRUSU. RD pumping unit. Pump 60 bbls water down csg @ 250 deg. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250 deg. LD rods as follows: 1-1/4" X 22' polished rod, 96- 3/4" 4per guided rods, 95- 3/4" slick rods, 4- 3/4" 4per guided rods, 4- 1-1/2" weight rods & 2-1/2" X 1-1/2" X 16' RHAC rod pump. Flushed tbg & rods twice during TOOH w/ 60 bbls water @ 250 deg. ND wellhead. Release TA. NU BOPs. RU rig floor. PU 13- jts tbg & tag fill @ 5476'. LD 4 jts tbg. RU wash stand. EOT @ 5363'. SWIFN. - MIRUSU. RD pumping unit. Pump 60 bbls water down csg @ 250 deg. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250 deg. LD rods as follows: 1-1/4" X 22' polished rod, 96- 3/4" 4per guided rods, 95- 3/4" slick rods, 4- 3/4" 4per guided rods, 4- 1-1/2" weight rods & 2-1/2" X 1-1/2" X 16' RHAC rod pump. Flushed tbg & rods twice during TOOH w/ 60 bbls water @ 250 deg. ND wellhead. Release TA. NU BOPs. RU rig floor. PU 13- jts tbg & tag fill @ 5476'. LD 4 jts tbg. RU wash stand. EOT @ 5363'. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$6,902

2/20/2013 Day: 2

Conversion

WWS #5 on 2/20/2013 - TOOH w/ tbg (breaking collars, applying Liquid O-ring to threads & talley). Perforate CP3 & PD-10 sands. - Tag fill @ 5470' Clean out to PBTD @ 5537'. Circulate well clean. LD 16- jts tbg used to clean out. Flush tbg w/ 30 bbls water @ 250 deg. TOOH w/ 125- jts 2-7/8" J-55 6.5# 8rd EUE tbg (breaking every collar & applying liquid O-ring to threads & talleying). Stopped to flush tbg once during TOOH w/ 30 bbls water @ 250 deg. Continue TOH w/ 37- jts tbg, TA, SN & NC. RU Perforators WLT. RIH w/ 4-3/4" gauge ring & perf guns. Tagged @ 2950'. POOH w/ WL & remove gauge ring. RIH w/ perf guns & tag @ 3000'. Work WL & gained 100'. Pump WL down w/ hot oil truck. Perforate CP3 sands @ 5453-65' & PD10 sands @ 4195-4200' w/ 3SPF, 120 deg phase. POOH & RD WL. - Tag fill @ 5470' Clean out to PBTD @ 5537'. Circulate well clean. LD 16- jts tbg used to clean out. Flush tbg w/ 30 bbls water @ 250 deg. TOOH w/ 125- jts 2-7/8" J-55 6.5# 8rd EUE tbg (breaking every collar & applying liquid O-ring to threads & talleying). Stopped to flush tbg once during TOOH w/ 30 bbls water @ 250 deg. Continue TOH w/ 37- jts tbg, TA, SN & NC. RU Perforators WLT. RIH w/ 4-3/4" gauge ring & perf guns. Tagged @ 2950'. POOH w/ WL & remove gauge ring. RIH w/ perf guns & tag @ 3000'. Work WL & gained 100'. Pump WL down w/ hot oil truck. Perforate CP3 sands @ 5453-65' & PD10 sands @ 4195-4200' w/ 3SPF, 120 deg phase. POOH & RD WL.

Daily Cost: \$0

Cumulative Cost: \$14,062

2/21/2013 Day: 3

Conversion

WWS #5 on 2/21/2013 - PU L-80 frac tbg. Frac CP3 & PB-10 sands. - Frac PB-10 sands 4195-4200" w/ 15,394#s 20/40 white sand in 170 bbls of Lightning 17 frac fluid. Broke down w/ 2.9 bbls fresh water, 1.4 BPM @ 3116 psi. ISIP 1439 psi, FG:.78. Treated w/ ave pressure of 3668 psi & ave rate of 17.2 BPM. ISDP 1926 psi, FG:.89. Open well for flowback @ approx 3 BPM. Recovered 60 bbls. Release Pkr & circulate well clean. Set Pkr. SWIFN. - Frac CP3 sands 5453-65' w/ 19,004#s 20/40 white sand in 247 bbls of Lightning 17 frac fluid. Broke down w/ 2.2 bbls fresh water, 3.5 BPM @ 1557 psi. ISIP 1131 psi, FG:.64. Treated w/ ave pressure of

55 tbg. Flush tbg w/ 30 bbls water @ 250 deg. LD tbg. - PU & TIH w/ production tbg as follows: 2-3/8" Re-entry guide, 2-3/8" XN nipple, 2-3/8" J-55 4' tbg sub, 2-3/8" X 2-7/8" X-over sub, 5-1/2" Arrowset 1-X packer, on/off tool, SN, 125 jts 2-7/8" J-55 6.5# 8rd EUE tbg. Flush tbg w/ 30 bbls water @ 250 deg halfway in w/ tbg. - Thaw well. Check pressure on tbg. Pressure had dropped to 2000 psi. Pressure tbg to 3000 psi. Held pressure for 30 min w/ 0 psi loss. RIH w/ fishing tool on sandline & retrieve SV. RD rig floor. ND BOPs. NU wellhead. Pump 60 bbls packer fluid down csg. Set 5-1/2" Arrowset 1-X packer w/ 15K tension w/ CE @ 3905' & EOT @ 3915'. NU wellhead. Pressure test csg to 1400 psi for 30 min w/ 0 psi loss. RDMOSU. - Flush tbg w/ 30 bbls water. Circulate SV down to SN. Pressure tbg to 3000 psi. SWIFN. - PU & TIH w/ production tbg as follows: 2-3/8" Re-entry guide, 2-3/8" XN nipple, 2-3/8" J-55 4' tbg sub, 2-3/8" X 2-7/8" X-over sub, 5-1/2" Arrowset 1-X packer, on/off tool, SN, 125 jts 2-7/8" J-55 6.5# 8rd EUE tbg. Flush tbg w/ 30 bbls water @ 250 deg halfway in w/ tbg. - Flush tbg w/ 30 bbls water. Circulate SV down to SN. Pressure tbg to 3000 psi. SWIFN. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$66,931

2/27/2013 Day: 6

Conversion

Rigless on 2/27/2013 - Conduct initial MIT - Initial MIT on the above listed well. On 02/26/2013 the casing was pressured up to 1480 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09849 - Initial MIT on the above listed well. On 02/26/2013 the casing was pressured up to 1480 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09849 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$119,194

Pertinent Files: Go to File List

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-72106
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: BELUGA 9-18-9-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013320530000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 18 Township: 09.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/11/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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

The above reference well was put on injection at 2:00 PM on
03/11/2013. EPA # UT22197-09849

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
March 20, 2013**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/12/2013	

NEWFIELD

Schematic

Well Name: **Beluga 9-18-9-17**

43-013-32053

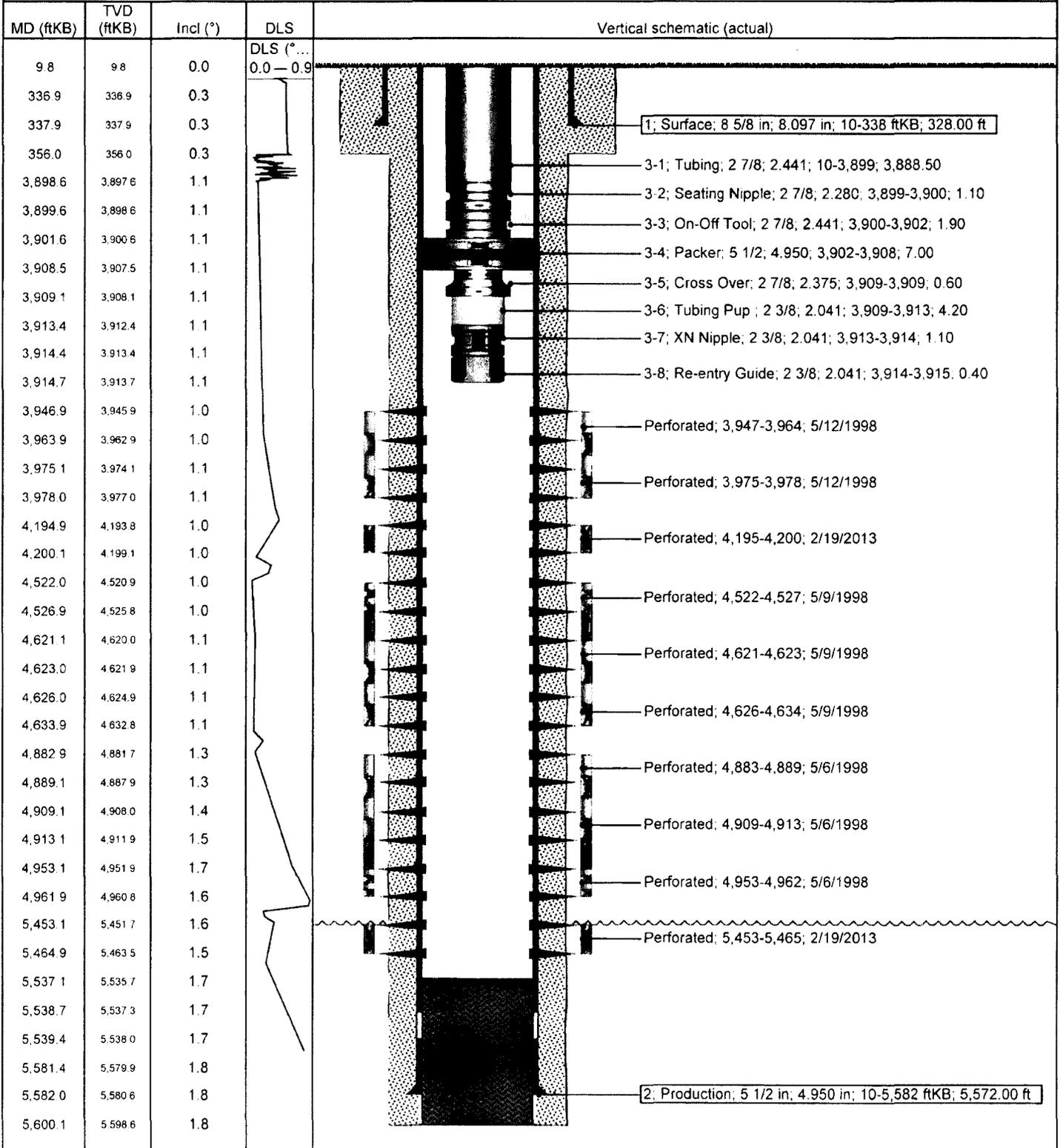
Surface Legal Location 18-9S-17E		API/UWI 43013320530000	Well RC 500150865	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date 4/20/1998	Rig Release Date 4/26/1998	On Production Date 6/26/1998	Original KB Elevation (ft) 5,450	Ground Elevation (ft) 5,440	Total Depth All (TVD) (ftKB)	PBD (All) (ftKB) Original Hole - 5,537.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type GYRO Survey	Secondary Job Type Survey	Job Start Date 3/2/2013	Job End Date 3/2/2013
---------------------------------------	---------------------------------	------------------------------	----------------------------	--------------------------

TD: 5,600.0

Vertical - Original Hole, 1/8/2016 10:19:20 AM



NEWFIELD



Newfield Wellbore Diagram Data Beluga 9-18-9-17

Surface Legal Location 18-9S-17E		API/UWI 43013320530000		Lease	
County DUCHESNE		State/Province Utah		Field Name GMBU CTB6	
Well Start Date 4/20/1998		Spud Date 4/20/1998		Final Rig Release Date 4/26/1998	
Original KB Elevation (ft) 5,450		Ground Elevation (ft) 5,440		Total Depth (ftKB) 5,600.0	
				Total Depth All (TVD) (ftKB) 5,600.0	
				PBD (All) (ftKB) Original Hole - 5,537.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	4/20/1998	8 5/8	8 0/8	24.00	J-55	338
Production	4/25/1998	5 1/2	4 9/50	15.50	J-55	5,582

Cement

String: Surface, 338ftKB 4/20/1998

Cementing Company Halliburton Energy Services	Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 356.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 140 sx Premium Plus w/2% CC & 1/2#sk flocele & 15 sx Premium Plus	Fluid Type Lead	Amount (sacks) 155	Class Premium Plus	Estimated Top (ftKB) 10.0

String: Production, 5,582ftKB 4/26/1998

Cementing Company Halliburton Energy Services	Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 5,600.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 270	Class Hibond 65 Modified	Estimated Top (ftKB) 10.0
Fluid Description Thixotropic & 10% Calseal	Fluid Type Tail	Amount (sacks) 265	Class Thixotropic	Estimated Top (ftKB) 2,800.0

Tubing Strings

Tubing Description					Run Date	Set Depth (ftKB)			
Tubing					2/21/2013	3,914.8			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
Tubing	123	2 7/8	2 4/41	6.50	M-50	3,888.50	10.0	3,898.5	
Seating Nipple		2 7/8	2.280			1.10	3,898.5	3,899.6	
On-Off Tool		2 7/8	2.441	6.50	M-50	1.90	3,899.6	3,901.5	
Packer		5 1/2	4.950			7.00	3,901.5	3,908.5	
Cross Over		2 7/8	2.375			0.60	3,908.5	3,909.1	
Tubing Pup		2 3/8	2.041		J-55	4.20	3,909.1	3,913.3	
XN Nipple		2 3/8	2.041			1.10	3,913.3	3,914.4	
Re-entry Guide		2 3/8	2.041			0.40	3,914.4	3,914.8	

Rod Strings

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

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
3	GB Sands, Original Hole	3,947	3,964	4	90		5/12/1998
3	GB Sands, Original Hole	3,975	3,978	4	90		5/12/1998
4	PB10, Original Hole	4,195	4,200	3	120	0.240	2/19/2013
2	C/D Sands, Original Hole	4,522	4,527	4	90		5/9/1998
2	C/D Sands, Original Hole	4,621	4,623	4	90		5/9/1998
2	C/D Sands, Original Hole	4,626	4,634	4	90		5/9/1998
1	A Sands, Original Hole	4,883	4,889	4	90		5/6/1998
1	A Sands, Original Hole	4,909	4,913	4	90		5/6/1998
1	A Sands, Original Hole	4,953	4,962	4	90		5/6/1998
4	CP3, Original Hole	5,453	5,465	3	120	0.340	2/19/2013

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,500						
2	2,200						
3	1,900						
4	1,300		5.0	1,670			
5	1,500		5.0	1,950			
6	1,700		4.0	2,050			
7	1,700		5.0	2,080			
8	150		4.0	1,042			



Stimulations & Treatments							
Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
9	1,569	0.64	20.0	4,320			
10	1,439	0.78	18.0	3,853			

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 121320 lb
2		Proppant White Sand 127560 lb
3		Proppant White Sand 123840 lb
4		
5		
6		
7		
8		
9		Proppant White Sand 19004 lb
10		Proppant White Sand 15394 lb

NEWFIELD



Schematic

43-013-32053

Well Name: Beluga 9-18-9-17

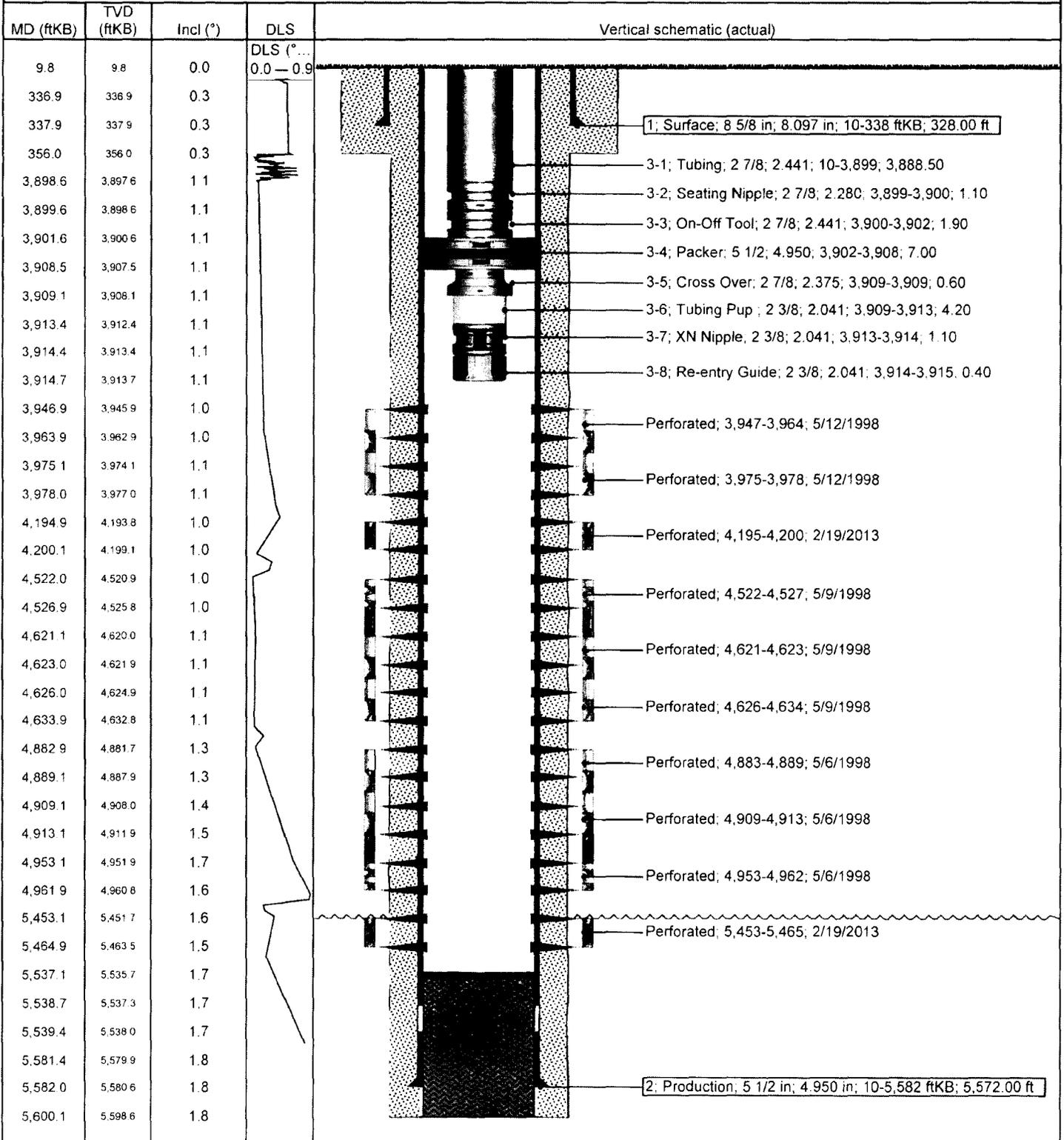
Surface Legal Location 18-9S-17E		API/UWI 43013320530000	IWell RC 500150865	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
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Most Recent Job

Job Category Production / Workover	Primary Job Type GYRO Survey	Secondary Job Type Survey	Job Start Date 3/2/2013	Job End Date 3/2/2013
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TD: 5,600.0

Vertical - Original Hole, 1/8/2016 10:19:20 AM



NEWFIELD



Newfield Wellbore Diagram Data Beluga 9-18-9-17

Surface Legal Location 18-9S-17E		API/UWI 43013320530000		Lease	
County DUCHESNE		State/Province Utah		Basin	
Well Start Date 4/20/1998		Spud Date 4/20/1998		Final Rig Release Date 4/26/1998	
Original KB Elevation (ft) 5,450		Ground Elevation (ft) 5,440		Total Depth (ftKB) 5,600.0	
				Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB) Original Hole - 5,537.0	

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Fluid Description 140 sx Premium Plus w/2% CC & 1/2#/#sk flocele & 15 sx Premium Plus	Fluid Type Lead	Amount (sacks) 155	Class Premium Plus	Estimated Top (ftKB) 10.0

String: Production, 5,582ftKB 4/26/1998

Cementing Company Halliburton Energy Services	Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 5,600.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 270	Class Hibond 65 Modified	Estimated Top (ftKB) 10.0
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Re-entry Guide		2 3/8	2.041			0.40	3,914.4	3,914.8	

Rod Strings

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

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