

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ **X** WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd _____

DATE FILED **FEBRUARY 2, 1998**

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. **U-72106** INDIAN _____

DRILLING APPROVED: **MARCH 18, 1998**

SPUDED IN: **4-27-98**

COMPLETED: **5-2-98** PUT TO PRODUCING: **TA**

INITIAL PRODUCTION: _____

GRAVITY API _____

GOR _____

PRODUCING ZONES: _____

TOTAL DEPTH: **5600'**

WELL ELEVATION: **5423' GR**

DATE ABANDONED: _____

FIELD: **MONUMENT BUTTE**

UNIT: **BELUGA**

COUNTY: **DUCHESNE**

WELL NO. **BELUGA 8-18-9-17** API NO. **43-013-32052**

LOCATION **1799 FNL** FT. FROM (N) (S) LINE. **799 FEL** FT. FROM (E) (W) LINE. **SE NE** 1/4 - 1/4 SEC. **18**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				9S	17E	18	INLAND PRODUCTION

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Garden Gulch 3506	Dakota	Park City	McCracken
" " 2 3816	Burro Canyon	Rico (Goodridge)	Aneth
Paint 3 4084	Cedar Mountain	Supai	Simonson Dolomite
+ MKR 4329	Buckhorn	Wolfcamp	Sevy Dolomite
+ MKR 4362	JURASSIC	CARBON I FEROUS	North Point
Wasatch Douglas CR 4492	Morrison	Pennsylvanian	SILURIAN
Stone Cabin BTCamb 4721	Salt Wash	Oquirrh	Laketown Dolomite
Edmon B-Lime 4835	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff Castle pl 6334	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

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 SE/NE 1799' FNL & 799' FEL 548 244

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 drilg. unit line, if any) 799'

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.) 5423.1' GR

22. APPROX. DATE WORK WILL START* 2nd Quarter 1998

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Row 1: 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 [Signature] TITLE Regulatory Compliance Specialist DATE 1/27/98

(This space for Federal or State office use)

PERMIT NO. 43-013-32052 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 [Signature] 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.

INLAND PRODUCTION CO.

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

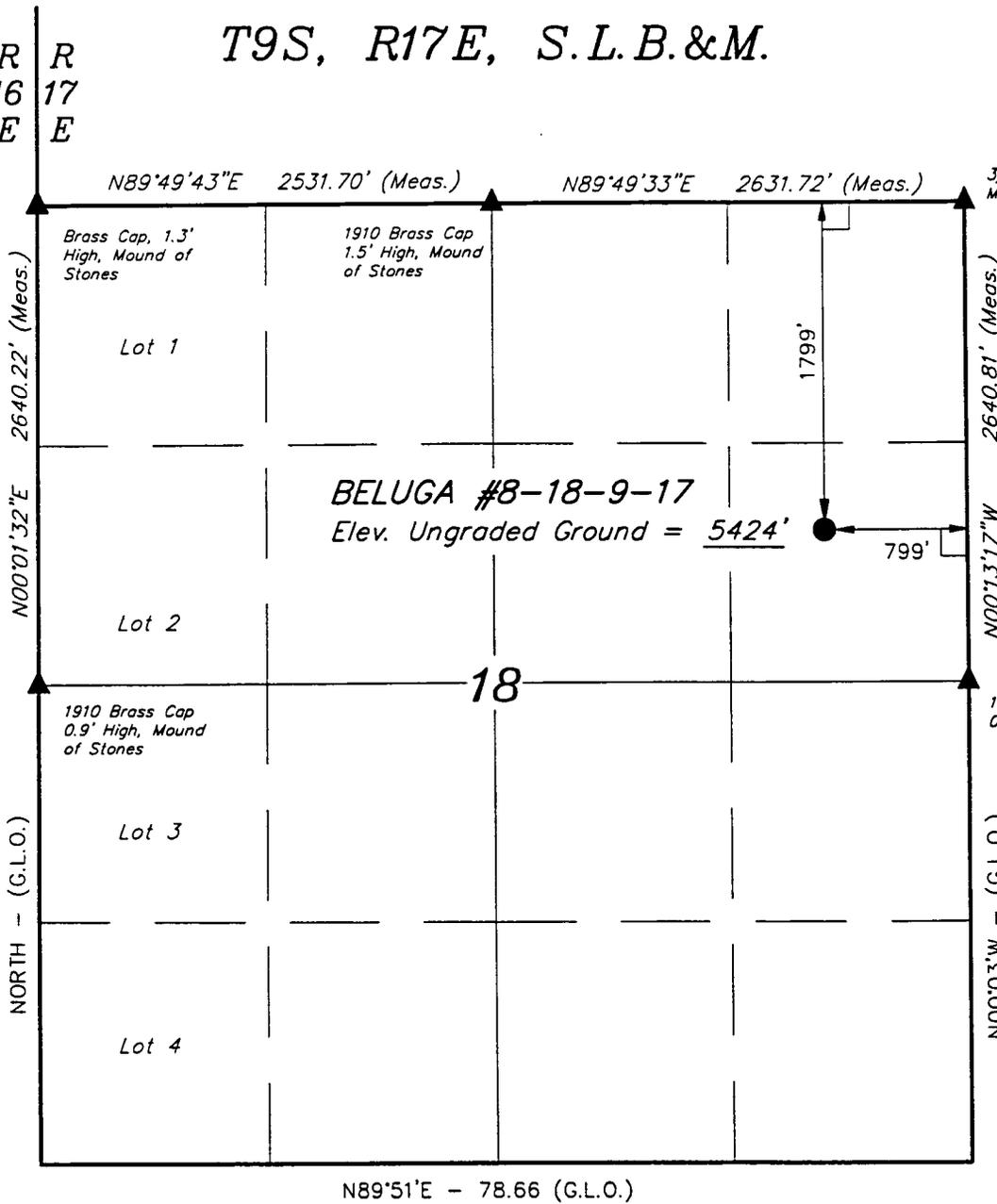
R
16
E

R
17
E

Well location, BELUGA #8-18-9-17, located as shown in the SE 1/4 NE 1/4 of Section 18, T9S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 7, T8S, 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 5265 FEET.



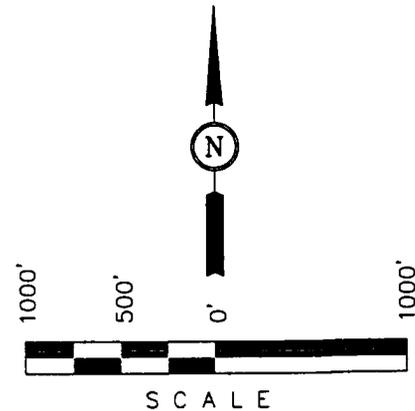
NORTH - (G.L.O.)

N00°01'32"E

N89°51'E - 78.66 (G.L.O.)

N00°13'17"W

N00°03'W - (G.L.O.)



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.

Robert J. Kay
 No. 161519
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161519
 STATE OF UTAH
KAY

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (801) 789-1017

LEGEND:

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

NOTE:
 BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SECTION 7, T9S, R17E, S.L.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH.

SCALE 1" = 1000'	DATE SURVEYED: 01-13-98	DATE DRAWN: 01-15-98
PARTY D.A. D.K. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE INLAND PRODUCTION CO.	

**INLAND PRODUCTION COMPANY
BELUGA #8-18-9-17
SE/NE 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' – 1430'
Green River	1430'
Wasatch	6500'

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

Green River Formation 1430' – 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 #8-18-9-17
SE/NE 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 #8-18-9-17 located in the SE 1/4 NE 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 2.3 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 #8-18-9-17 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

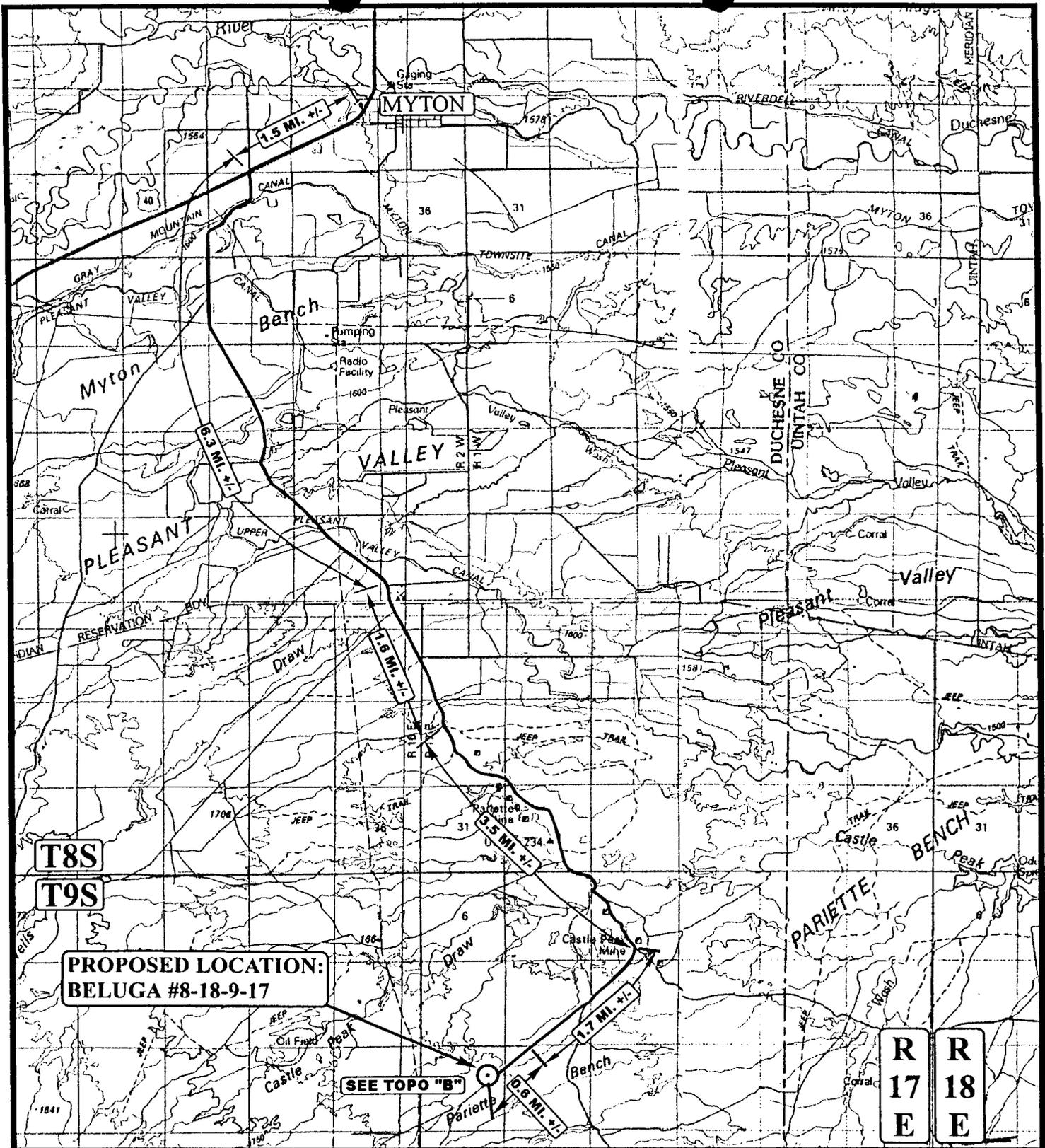
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #8-18-9-17 SE/NE 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 #8-18-9-17**

SEE TOPO "B"

LEGEND:

⊙ PROPOSED LOCATION



INLAND PRODUCTION CO.

**BELUGA #8-18-9-17
SECTION 18, T9S, R17E, S.L.B.&M.
1799' FNL 799' FEL**



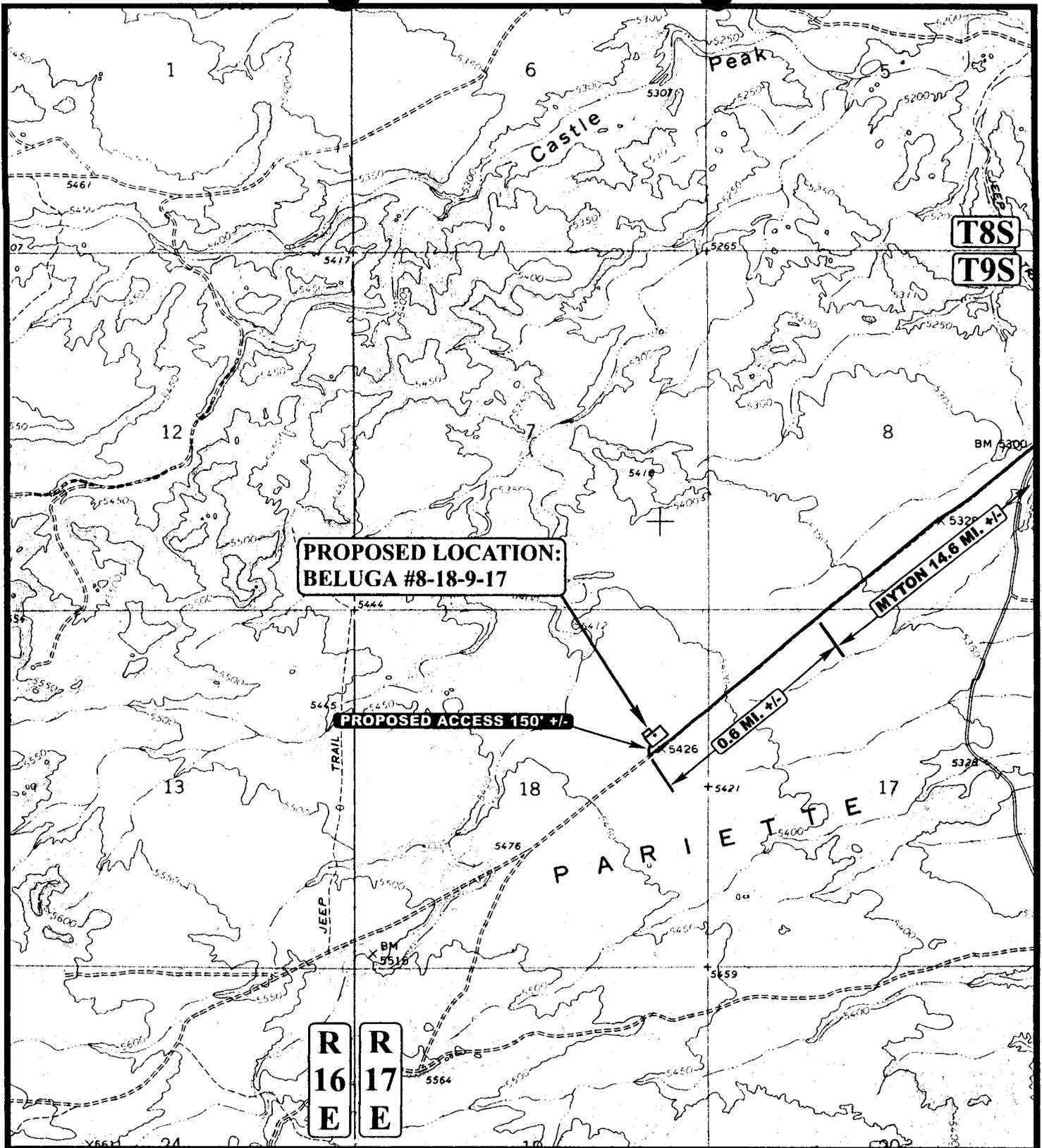
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

1 15 98
MONTH DAY YEAR

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





LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD



INLAND PRODUCTION CO.

BELUGA #8-18-9-17
SECTION 18, T9S, R17E, S.L.B.&M.
1799' FNL 799' FEL



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

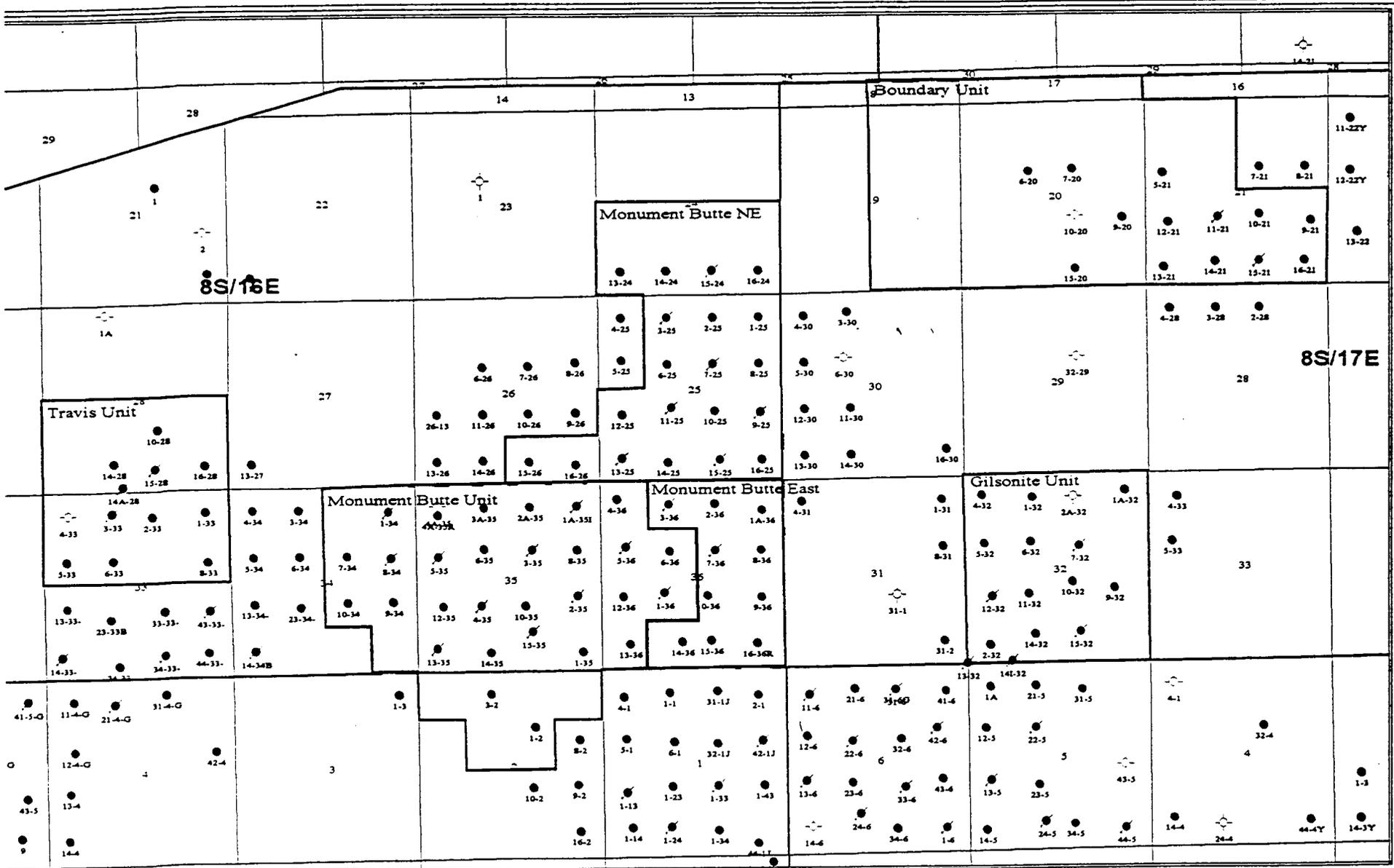
TOPOGRAPHIC
MAP

1	15	98
MONTH	DAY	YEAR

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



EXHIBIT "C"




 475 17th Street Suite 1500
 Denver, Colorado 80202
 Phone: (303) 792-0900

Regional Area
 Duchesne County, Utah

Date: 6/18/97 J.A.



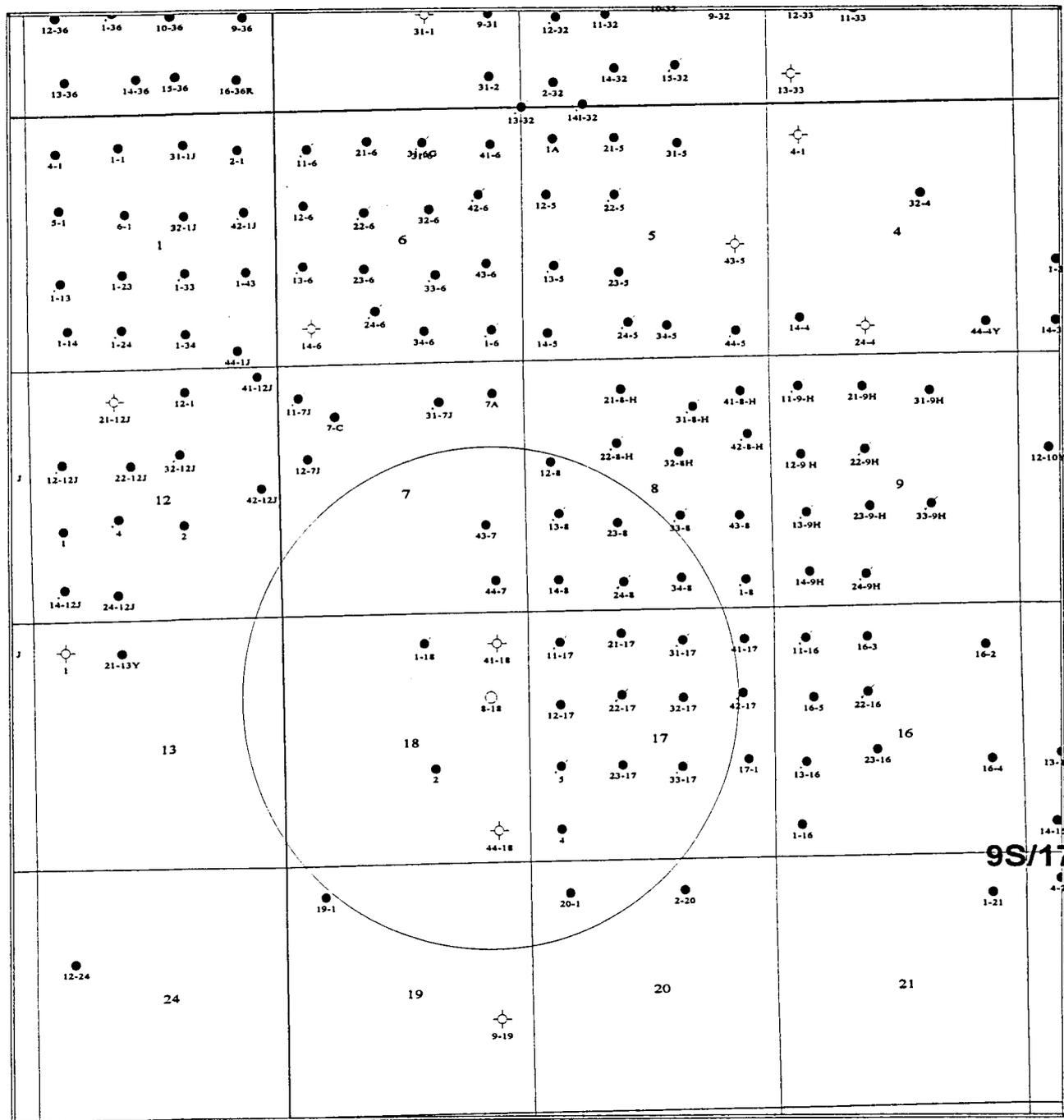


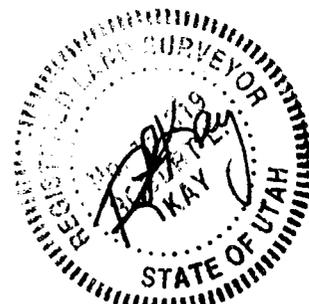
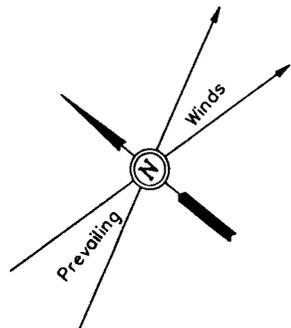
EXHIBIT "D"

INLAND PRODUCTION COMPANY		
ONE MILE RADIUS Beluga #8-18		
Josh Azabon		1/598
Scale 1:60044.37		

INLAND PRODUCTION CO.

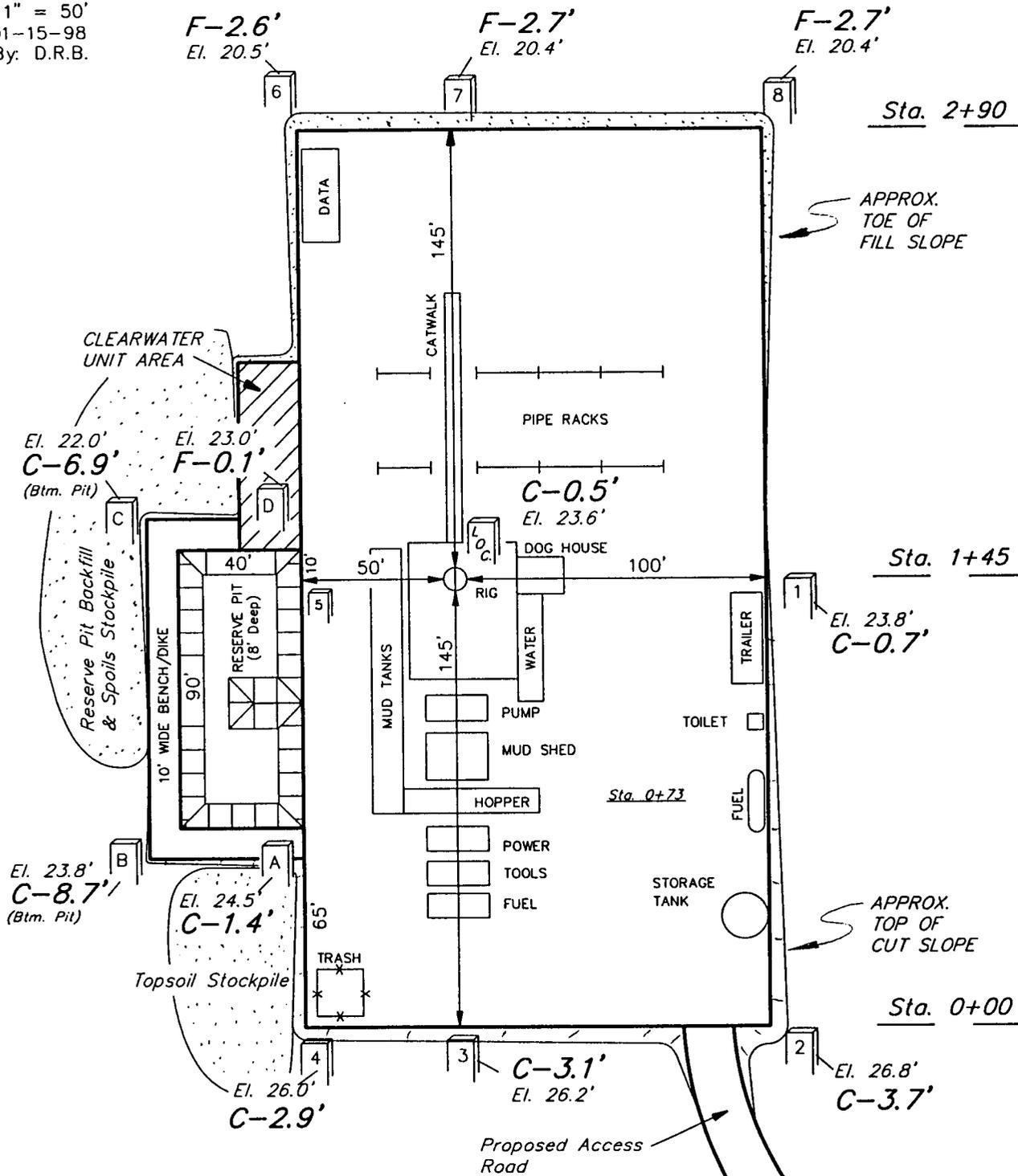
LOCATION LAYOUT FOR

BELUGA #8-18-9-17
SECTION 18, T9S, R17E, S.L.B.&M.
1799' FNL 799' FEL



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

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

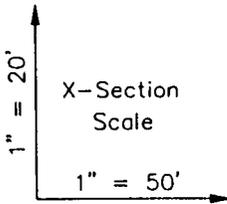


Elev. Ungraded Ground at Location Stake = 5423.6'
Elev. Graded Ground at Location Stake = 5423.1'

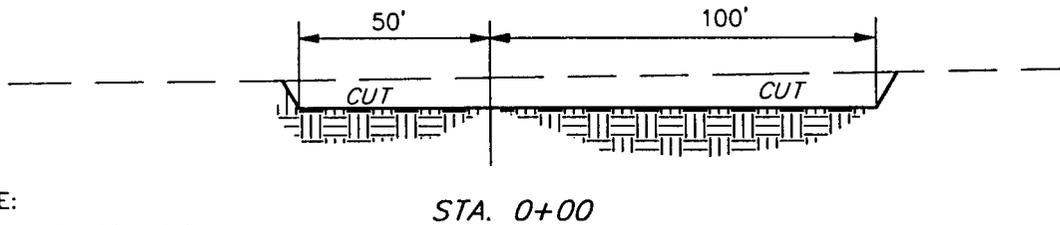
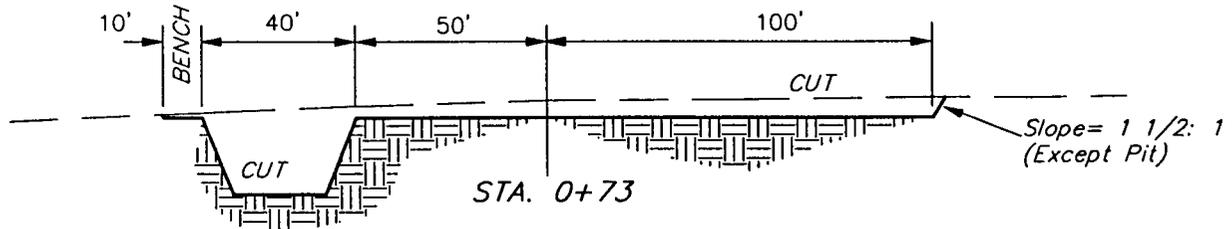
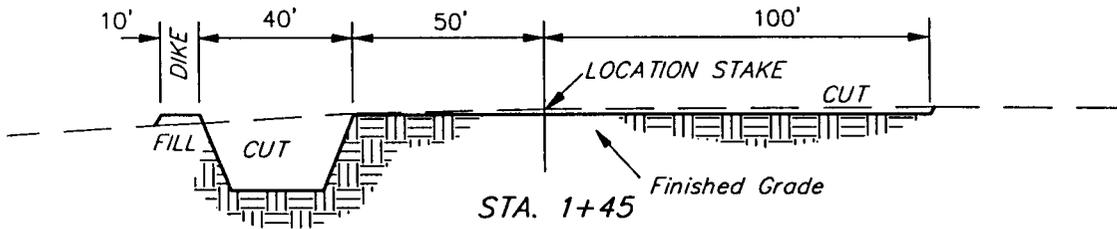
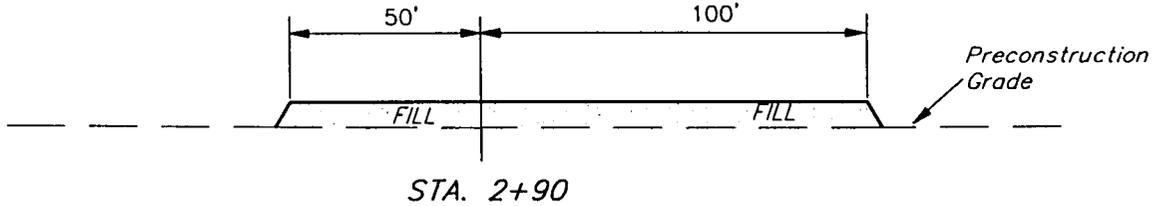
INLAND PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

BELUGA #8-18-9-17
SECTION 18, T9S, R17E, S.L.B.&M.
1799' FNL 799' FEL



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



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

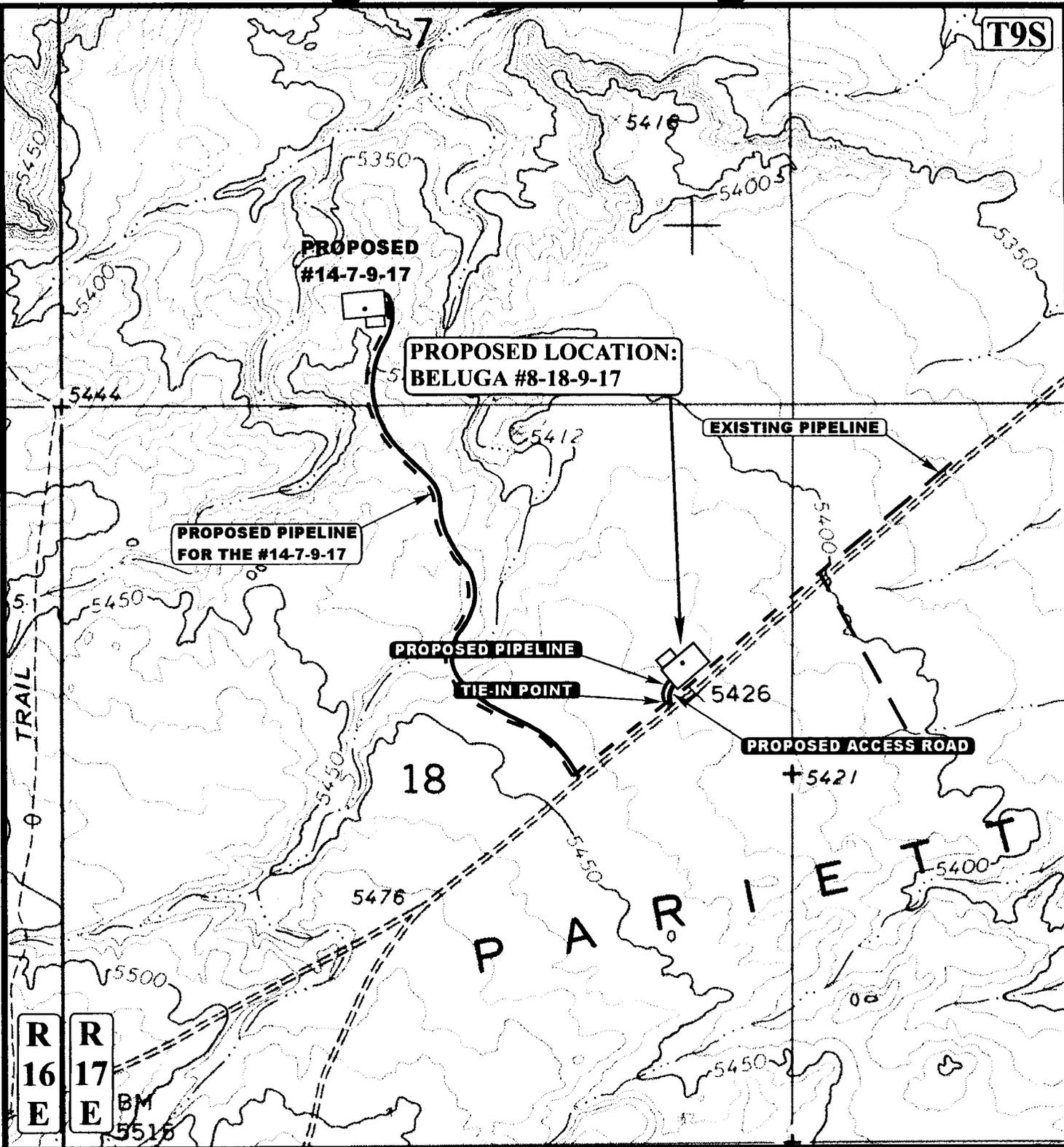
APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 870 Cu. Yds.
Remaining Location	= 1,880 Cu. Yds.
TOTAL CUT	= 2,750 CU.YDS.
FILL	= 1,420 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,260 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,200 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 60 Cu. Yds.

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

T9S



APPROXIMATE TOTAL PIPELINE DISTANCE = 150' +/-

LEGEND:

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS

INLAND PRODUCTION CO.

BELUGA #8-18-9-17
 SECTION 18, T9S, R17E, S.L.B.&M.
 1799' FNL 799' FEL



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

TOPOGRAPHIC 1 15 98
MAP MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: D.COX REVISED: 00-00-00



Well No.: Beluga 8-18-9-17

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Beluga 8-18-9-17

API Number:

Lease Number: UTU-72106

Location: SENE Sec. 18, T9S, R17E

GENERAL

Access pad from SW, 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: 43-013-32052

WELL NAME: BELUGA 8-18-9-17
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:
 SENE 18 - T09S - R17E
 SURFACE: 1799-FNL-0799-FEL
 BOTTOM: 1799-FNL-0799-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:

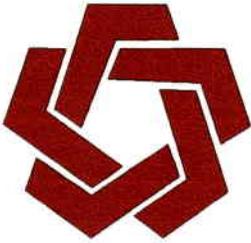
- Plat
- Bond: Federal [State [] Fee []
 (Number 4488944)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
 (Number GILSONNE SITE 7-32)
- RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

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

COMMENTS: _____

STIPULATIONS: _____



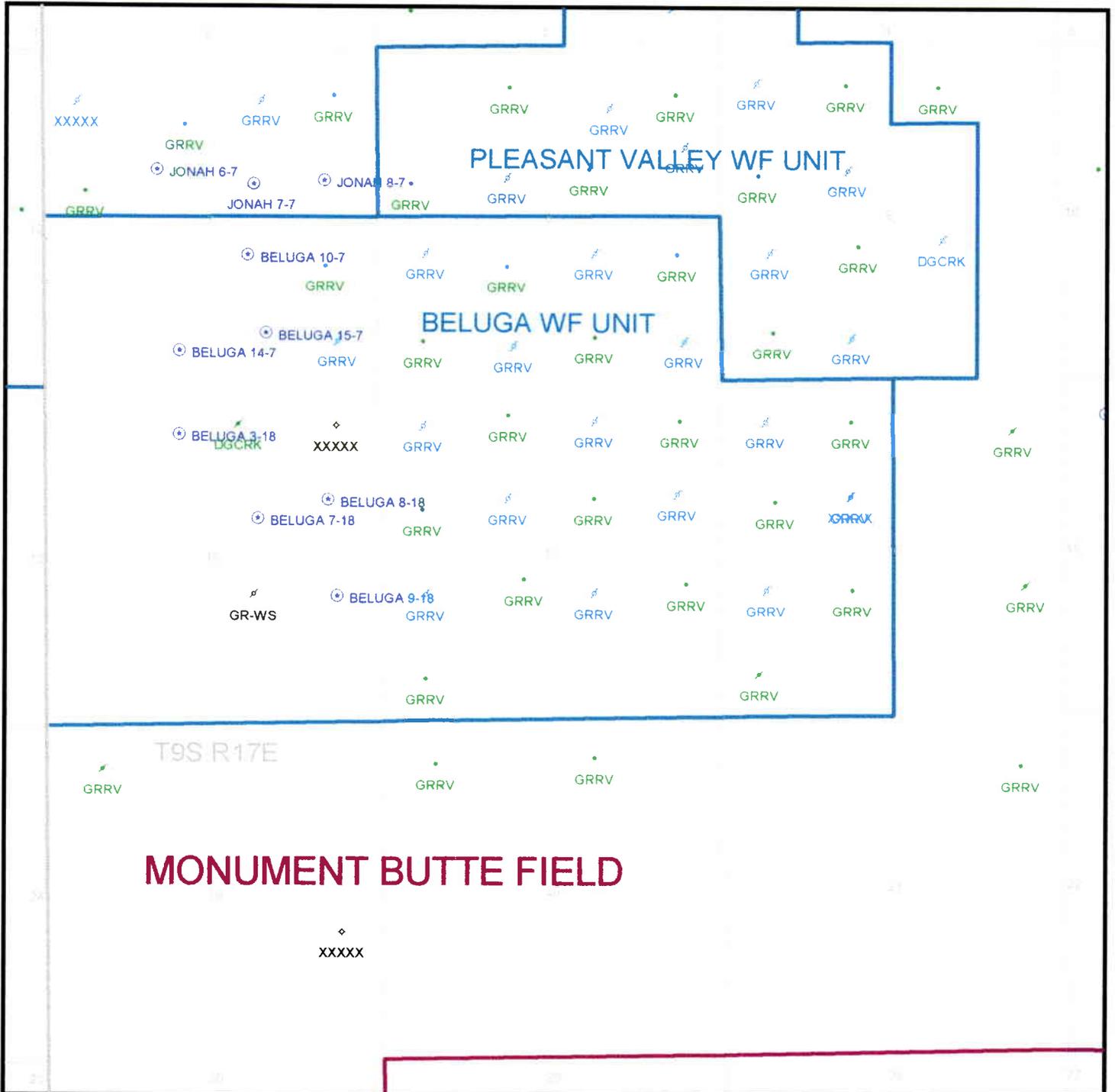
DIVISION OF OIL, GAS & MINING

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 8-18-9-17 Well, 1799' FNL, 799' FEL, SE NE, 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 43-013-32052.

Sincerely,

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

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 8-18-9-17
API Number: 43-013-32052
Lease: U-72106
Location: SE NE 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.

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 SE/NE At proposed Prod. Zone 1799' FNL & 799' FEL

5. LEASE DESIGNATION AND SERIAL NO. U-72106 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Beluga 9. WELL NO. #8-18-9-17 10. FIELD AND POOL OR WILDCAT Monument Butte 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T9S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 14.6 Miles south of Myton, UT 43-013-32052

12. County Duchesne 13. STATE UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 799'

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.

19. PROPOSED DEPTH 6500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5423.1' GR

22. APPROX. DATE WORK WILL START* 2nd Quarter 1998

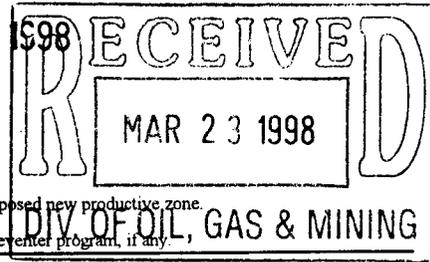
Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Row 1: Refer to Monument Butte Field SOP's Drilling Program/Casing Design

Inland Production Company proposes to drill this well in accordance with the attached exhibits, "A" through "G".

RECEIVED

JAN 27 1998

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

CONDITIONS OF APPROVAL, IF ANY. APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE 03/17/1998

CONDITIONS OF APPROVAL ATTACHED *See Instructions On Reverse Side

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

DOG M

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Beluga 8-18-9-17

API Number: 43-013-32052

Lease Number: U -72106

Location: SENE 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 ± 438 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)

black sagebrush	<i>Artemesia arbuscula v. nova</i>	3 lbs/acre
shadscale	<i>Atriplex confertifolia</i>	3 lbs/acre
fourwing saltbush	<i>Atriplex canescens</i>	4 lbs/acre
western wheatgrass	<i>Agropyron smithii</i>	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 8-18-9-17

Api No. 43-013-32052

Section 18 Township 9S Range 17E County DUCHESNE

Drilling Contractor UNION

Rig # 7

SPUDDED:

Date 4/27/98

Time _____

How ROTARY

Drilling will commence _____

Reported by MIKE WARD

Telephone # 1-435-823-7215

Date: 4/28/98 Signed: JLT

✓

**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 8-18-9-17

9. API Well No.

43-013-32052

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)

1799 FNL 799 FEL SE/NE Section 18, T09S R17E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Weekly Status

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

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

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

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

Test lines, valves, rams & manifold to 2000 psi, csg to 1500 psi. TIH. Blow dn hole. Drl plug, cmt & GS. RS (driver & airbowl rubber). Drl & srvy 352' - 2076'.

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

**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 8-18-9-17

9. API Well No.
43-013-32052

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)
1799 FNL 799 FEL SE/NE Section 18, T09S R17E

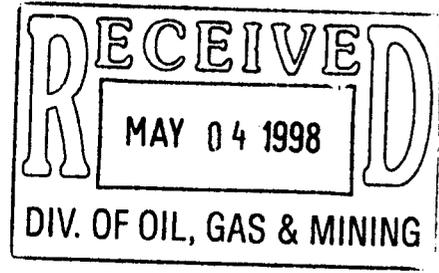
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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>Surface Spud</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.)*

MIRU. Drl & set conductor. Drl MH & RH. **SPUD WELL @ 11:30 AM, 4/27/98.** Drl Kelly dn. NU airbowl & flowline. Drl to 352'. C&C. TOH. ND airbowl & 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 (324'). Csg set @ 333'. RU Halliburton. Pmp 15 sx Premium Plus w/2% CC (15.6 ppg 1.18 cf/sk yield) & 140 sx Premium Plus w/2% CC & 1/2#/sk flocele (15.6 ppg 1.18 cf/sk yield). Good returns w/4 bbl cmt to sfc. RD. WOC. NU BOP's. Testing BOP's.



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

Signed Shawna 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

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 8-18-9-17

9. API Well No.
43-013-32052

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)
1799 FNL 799 FEL SE/NE 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

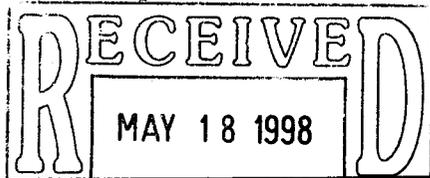
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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 4/30/98 - 5/6/98

Drilled 7-7/8" hole w/Union, Rig #7 from 2076' - 5600'.

C&C. LD DP & DC's. RU PSI. Run DIGL/SP/GR/CAL (5590' - 335') & High Res CD/CN/GR (5570' - 3000'). Logger's TD 5598'. RD. RU Lightning Casers. Run 5-1/2" csg. Finish running csg: 5-1/2" GS, 1 jt 5-1/2" csg (42'), 5-1/2" FC, 132 jt 5-1/2", 15.5#, J-55, LT & C csg (5584'). Csg set @ 5593'. RD. RU Halliburton. C&C. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/285 sx Hibond 65 Modified (11.0 ppg 3.0 cf/sk yield) & 270 sx Thixotropic & 10% Calseal (14.2 ppg 1.59 cf/sk yield). POB 9:35 am, 4/3/98 w/2300 psi. Est 19 bbl gel to sfc. RD. ND BOP's. Set slips w/78,000#, dump tanks. RD. Rig released @ 11:35 am, 5/3/98. RDMOL.



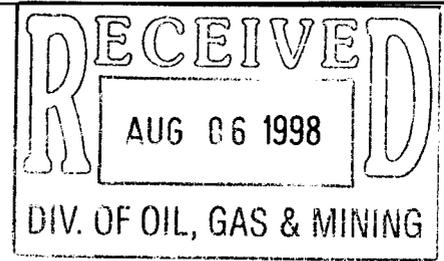
14. I hereby certify that the foregoing is true and correct

Signed Shannon Smith Title Engineering Secretary Date 5/7/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:
CC: UTAH DOGM



July 24, 1998

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

RE: Permit Application for Water Injection Well
Beluga #8-18-9-17, Beluga Unit
Monument Butte Field, Lease #U-72106
Section 18-Township 9S-Range 17E
Duchesne County, Utah

Dear Mr. Jarvis:

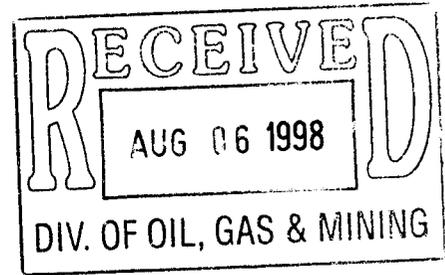
The above referenced well has been drilled, but is currently shut-in, waiting on completion. Inland Production Company herein requests approval to complete the well as a water injection well in the Monument Butte (Green River) Field, Beluga Unit.

Since there is no fracture data or water analysis available for this well, the information regarding these items was obtained from the Beluga #12-17 well, the closest water injection well within the unit.

Should you have any questions or require additional information, please contact me at (303) 382-4434.

Sincerely,

Debbie E. Knight
Manager, Regulatory Compliance



INLAND PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

BELUGA #8-18-9-17

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

BELUGA UNIT

LEASE #U-72106

JULY 24, 1998

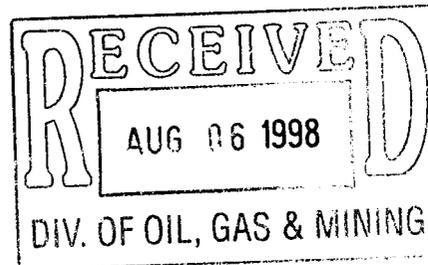
TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – FEDERAL #1-18
ATTACHMENT E-1	WELLBORE DIAGRAM – BELUGA #3-18-9-17
ATTACHMENT E-2	WELLBORE DIAGRAM – BELUGA #7-18-9-17
ATTACHMENT E-3	WELLBORE DIAGRAM – BELUGA #9-18-9-17
ATTACHMENT E-4	WELLBORE DIAGRAM – BALCRON MONUMENT FEDERAL #41-18
ATTACHMENT E-5	WELLBORE DIAGRAM – POMCO #2
ATTACHMENT E-6	WELLBORE DIAGRAM – POMCO #5
ATTACHMENT E-7	WELLBORE DIAGRAM – PAIUTE FEDERAL #11-17
ATTACHMENT E-8	WELLBORE DIAGRAM – BALCRON MONUMENT FEDERAL #12-17
ATTACHMENT E-9	WELLBORE DIAGRAM – MOCON FEDERAL #44-7
ATTACHMENT F	WATER ANALYSIS OF THE FLUID TO BE INJECTED
ATTACHMENT F-1	WATER ANALYSIS OF THE FLUID IN THE FORMATION
ATTACHMENT F-2	WATER ANALYSIS OF THE COMPATIBILITY OF THE FLUIDS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUGGING AND ABANDONMENT
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

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 8-18-9-17
 Field or Unit name: Monument Butte (Green River) Beluga Unit Lease No. U-72106
 Well Location: QQ SENE 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 [X] No []
 Date of test: 4/29/98
 API number: 43-013-32052

Proposed injection interval: from 3955' to 4059'
 Proposed maximum injectic n: rate 500 bpd pressure 1482 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: Exhibits "A" through "G"

I certify that this report is true and complete to the best of my knowledge.
 Name: John E. Dyer Signature [Signature]
 Title Chief Operating Officer Date 7/23/98
 Phone No. (303) 292-0900

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

Comments:

Beluga #8-18-9-17

Spud Date: 4-27-98

Put on Production:

GL: 5423' KB: 5433'

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 sx Premium, est 4 bbl to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 132 jts. (5584')

DEPTH LANDED: 5593'

HOLE SIZE: 7-7/8"

CEMENT DATA: 285 sx Hibond & 270 sc Thixotropic

CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT: 2-7/8", M-50, 6.5#

NO of JTS: ? jts

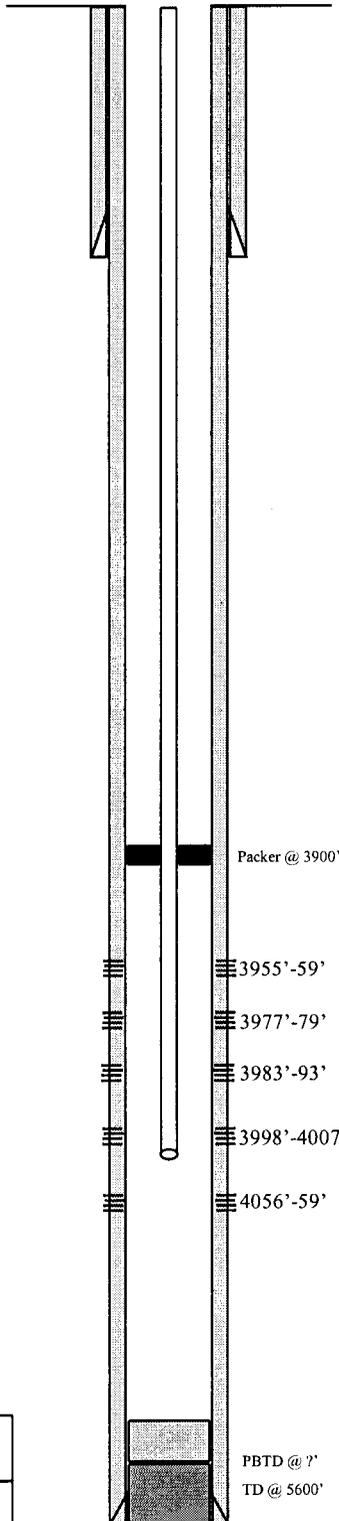
TUBING ANCHOR: 3900'

SEAT NIPPLE: ?'

EOT: ?'

Logs: DIGL/SP/GR/CAL 5590'-335'
CN/CD/GR 5570'-3000'

Proposed Injection Completion Wellbore Diagram



FRAC JOB

Waiting on completion

PROPOSED PERFORATIONS:

1998	3955'-3959'	4 SPF	16 holes
1998	3977'-3979'	4 SPF	8 holes
1998	3983'-3993'	4 SPF	40 holes
1998	3998'-4007'	4 SPF	36 holes
1998	4056'-4059'	4 SPF	12 holes



Inland Resources Inc.

Beluga 8-18-9-17

1799 FNL 799 FEL

SENE Section 18-T9S-R18E

Duchesne Co, Utah

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

PBTD @ ?'

TD @ 5600'



Proposed Completion

BELUGA 8-18-9-17

SE/NE Sec. 18, 9S, 17E

Duchesne Co., Utah

API # 43-013-32052

Spud Date: 4/27/98

TD: 5600'

MIRU. 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 PBTB. Press test csg & BOP to 3000 psi. TOH w/tbg. LD bit & scraper.

RU HLS and perf sds @ 4056'-59', 3998'-4007', 3983'-93', 3977'-79', 3955'-59' W/4 JSPF.

RU BJ Services & frac sds.

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 packer @ 3900' w/SN @ ?' & EOT @ ?'. Land tbg w/12,000# tension. NU well head.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

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

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A

2.3 A full description of the particular operation for approval is requested.

Approval is requested to complete the Beluga #8-18-9-17 as a water injection well in the Monument Butte (Green River) Field, Beluga Unit.

A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.4 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Douglas Creek Member of the Green River Formation. At the Beluga #8-18-9-17 well, the proposed injection zone is from 3955'-4059'. The confining stratum directly above and below the injection zone is the Douglas Creek Member of the Green River Formation, with the Douglas Creek Marker top at 3955'.

2.5 A copy of a log of a representative well completed in the pool.

The referenced log for the Beluga #8-18-9-17 is on file with the Utah Division of Oil, Gas and Mining.

- 2.6 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.7 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.8 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.9 Any additional information the Board may determine is necessary to adequately review the petition.**

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #U-72106), in the Monument Butte (Green River) Field, Beluga Unit, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachment A and B.
 - 2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 333' GL, and the 5-1/2" casing run from surface to 5593' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The type and source of fluid to be injected is culinary water from the Johnson Water District supply line. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F, F-1, and F-2.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1482 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The fracture gradient for the Beluga #8-18-9-17, for proposed zones (3955'-4059') calculates at .81 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1482 psig. See Attachment G.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Beluga #8-18-9-17, the injection zone (3955'-4059') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31', and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. 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.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-9.

Additionally, the injection system will be equipped with high and low pressure shut down devices that 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.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Inland Production Company will supply any requested information to the Board or Division.

Attachment A

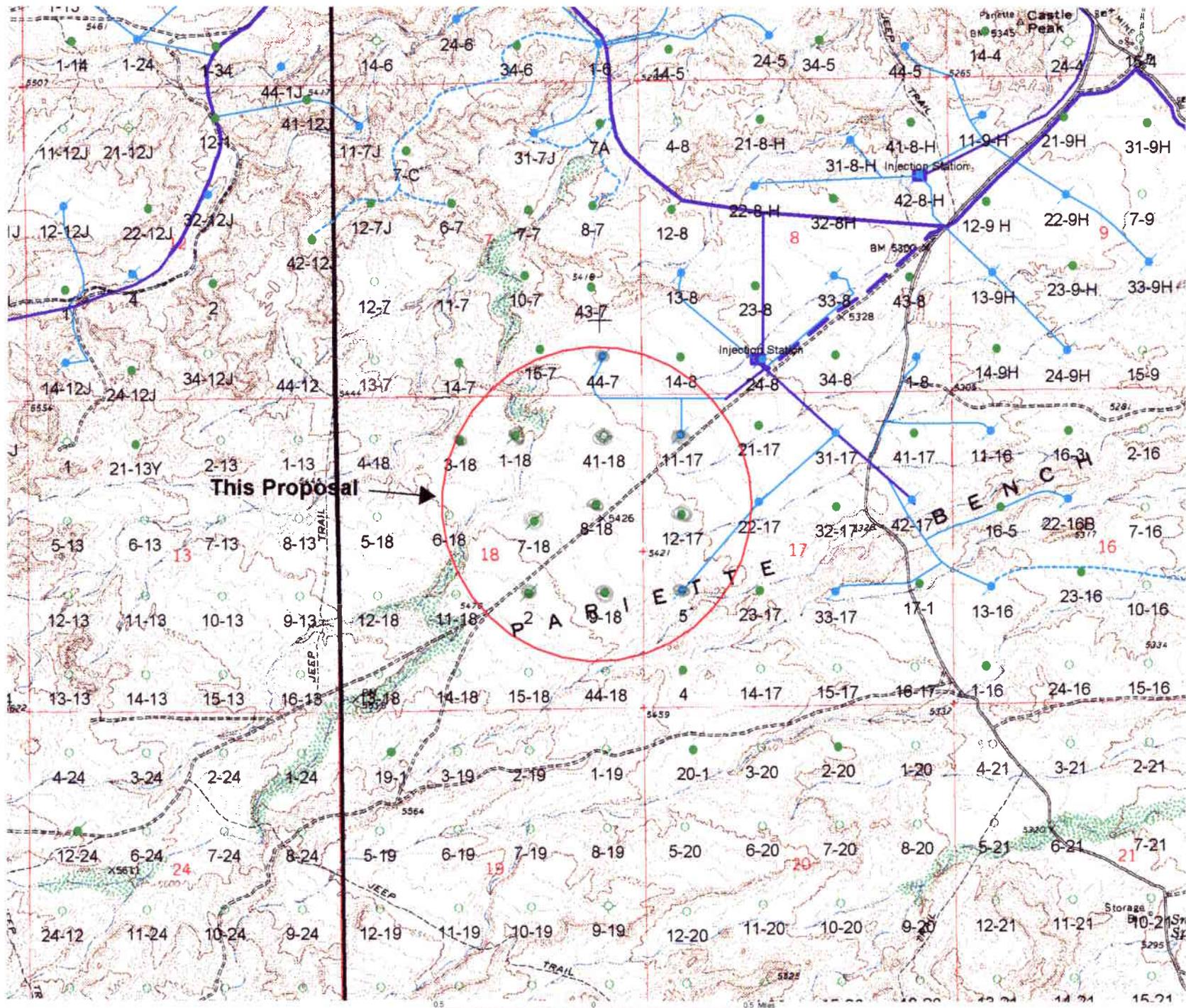


Exhibit "A"



- Legend
- INJ
- OIL
- GAS
- O&G
- DRY
- SHUTIN
- LOC
- Proposed Water 6"
- Water 6"
- Water 4"
- Water 2 - 3"
- Proposed Water

Inland
1111 Park Street, Suite 200
Denver, Colorado 80202
Phone: (303) 955-1122

LIEN YA HANIN
Geologist & Mineral Consultant, Utah

Scale: 1" = 100'

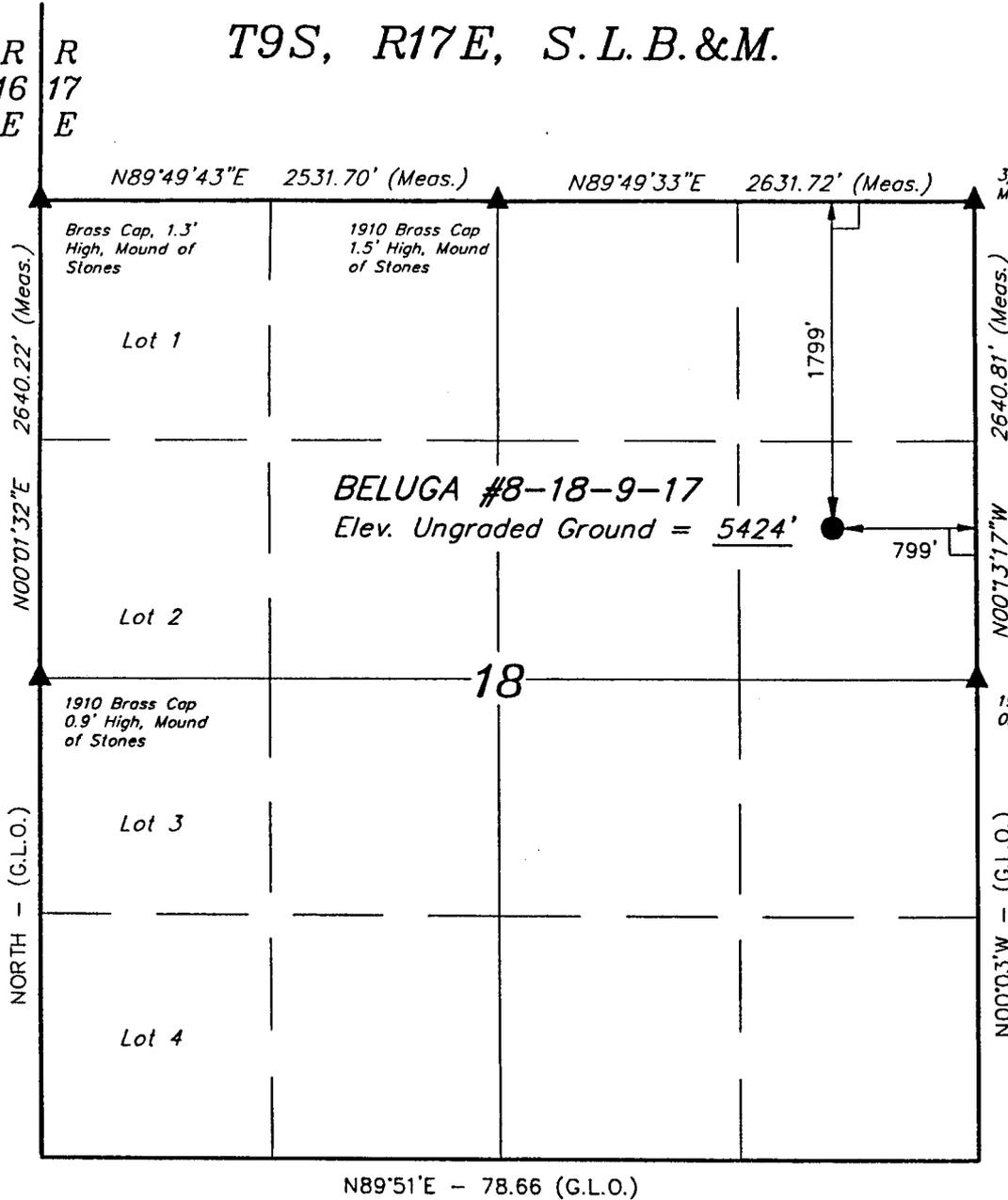
INLAND PRODUCTION CO.

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

Well location, BELUGA #8-18-9-17, located as shown in the SE 1/4 NE 1/4 of Section 18, T9S, R17E, S.L.B.&M. Duchesne County, Utah.

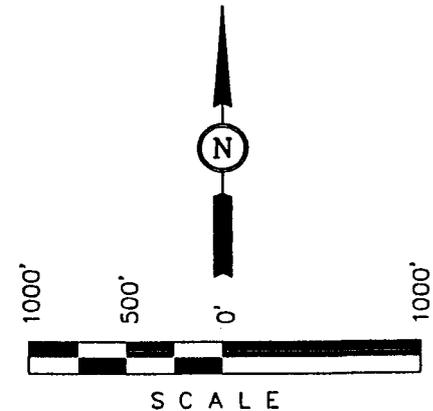
R
16
E

R
17
E



BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 7, T8S, 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 5265 FEET.



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.

Robert L. Kay
 REG. NO. 161519
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161519
 STATE OF UTAH KAY

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (801) 789-1017

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

NOTE:

BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SECTION 7, T9S, R17E, S.L.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR NORTH.

SCALE 1" = 1000'	DATE SURVEYED: 01-13-98	DATE DRAWN: 01-15-98
PARTY D.A. D.K. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE INLAND PRODUCTION CO.	

Attachment A-1

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 9 South, Range 17 East Section 18: NW/4NE/4, NW/4SE/4	U-3563 HBP	Inland Production Company	(Surface Rights) USA
2	Township 9 South, Range 17 East 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
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 Fred Lieber	(Surface Rights) USA

Attachment B

ATTACHMENT C

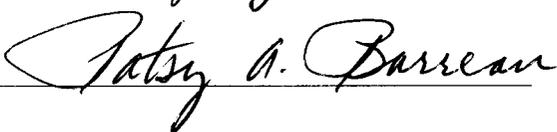
CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Beluga #8-18-9-17

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
John E. Dyer
Chief Operating Officer

Sworn to and subscribed before me this 24th day of July, 1998.

Notary Public in and for the State of Colorado: 



My Commission Expires 11/14/2000

Federal #1-18

Spud Date:
Put on Production:
GL: 5415' KB: 5426'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: ? jts. (268')
DEPTH LANDED: 279'
HOLE SIZE: 12-1/4"
CEMENT DATA: 225 sx Class "G"

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: ? jts. (5478')
DEPTH LANDED: 5489'
HOLE SIZE: 7-7/8"
CEMENT DATA: 465 sx 50/50 Poz
CEMENT TOP AT:

TUBING

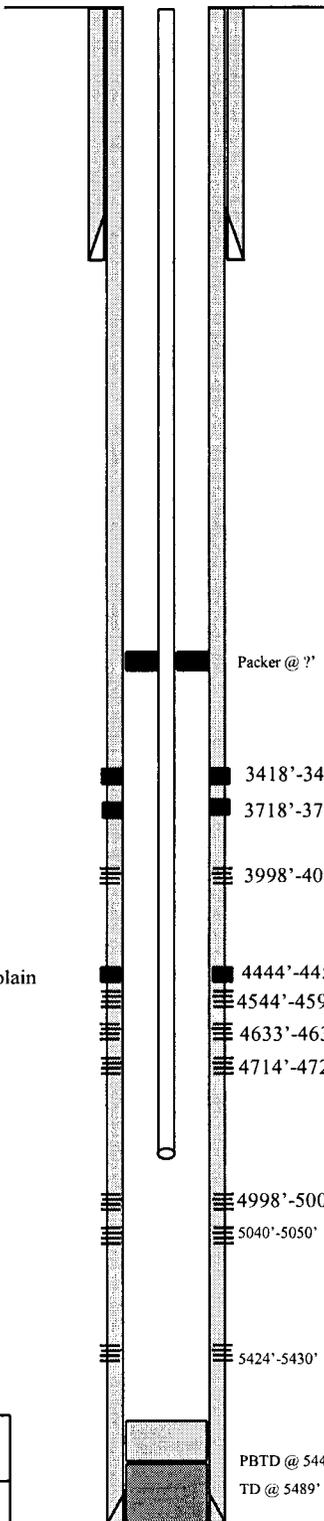
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO of JTS: 128 jts
TUBING ANCHOR:
SEAT NIPPLE:

SUCKER RODS

POLISHED ROD: 1-1/4"x22'
SUCKER RODS: 1-3/4"x8' pony, 175-3/4"x25' plain
PUMP SIZE: 2-1/2"x1-1/4"x16'

FRAC JOB

11-10-75	4998'-5430'	
3-7-76	4544'-4720'	Frac w/ 30,000 gals MY-T-FRAC, 25,000# 20/40 sand, 10,000# 10/20 sand. 35 BPM, 2500 psi. ISIP-1900 psi.
8-25-83	3998'-4038'	Fracw/14,000# 20/40 sand. Screened out.



Packer @ ?'

3418'-3428' Sqz'd w/250sx Class "G"

3718'-3726' Sqz'd w/250sx Class "G"

3998'-4038'

4444'-4456' Sqz'd w/100 sx Class "G"

4544'-4599'

4633'-4638'

4714'-4720'

4998'-5001'

5040'-5050'

5424'-5430'

PBTD @ 5445'

TD @ 5489'

PERFORATION RECORD

11-10-75	5424'-5430'	1 SPF	6 holes
11-10-75	5040'-5050'	1 SPF	10 holes
11-10-75	4998'-5001'	2 SPF	6 holes
3-3-76	4714'-4720'	1 SPF	6 holes
3-3-76	4633'-4638'	1 SPF	5 holes
3-3-76	4544'-4599'	1 SPF	5 holes
9-10-77	4444'-4456'	1 SPF	12 holes
10-21-80	3718'-3726'	1 SPF	8 holes
10-21-80	3418'-3428'	1 SPF	10 holes
8-25-83	3998'-4038'	1 SPF	36 holes



Inland Resources Inc.

Federal #1-18

636 FNL 2186 FEL

NWNE Section 18-T9S-R18E

Duchesne Co, Utah

API #43-013-30332; Lease #U-3563

Beluga #3-18-9-17

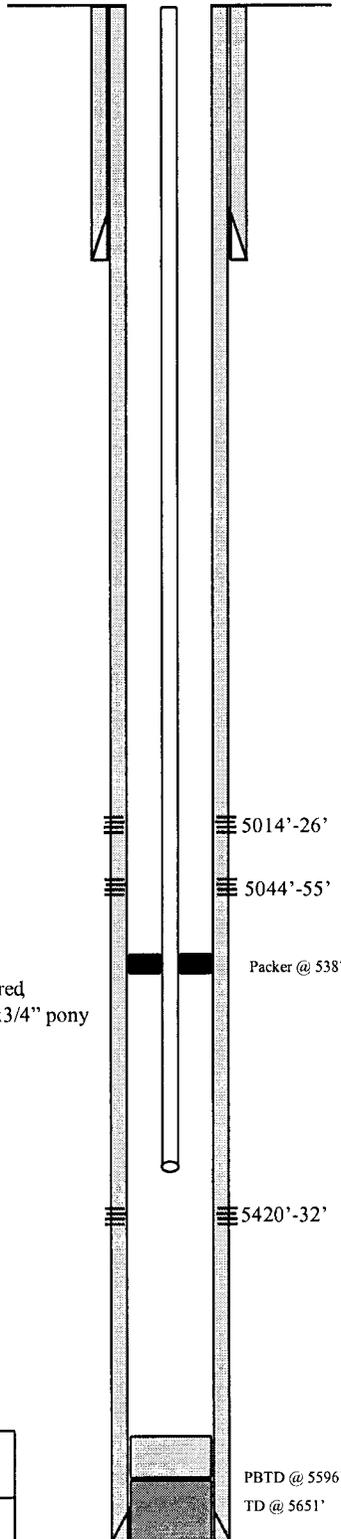
Spud Date: 5-11-98
 Put on Production: 6-26-98
 GL: 5436' KB: ?'
SURFACE CASING
 CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (325')
 DEPTH LANDED: 335'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G"

PRODUCTION CASING
 CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5627')
 DEPTH LANDED: 5636'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sx 28-72 Poz Type III & 300 sx Class G
 CEMENT TOP AT:

TUBING
 SIZE/GRADE/WT: 2-7/8", M-50, 6.5#
 NO of JTS: 178 jts
 TUBING ANCHOR: 5387'
 SEAT NIPPLE: 5449'
 EOT: 5513'

SUCKER RODS
 POLISHED ROD: 1-1/2"x22'
 SUCKER RODS: 4-1 1/2" wt rods, 4-3/4" scraped
 113-3/4" plain, 96-3/4" scraped, 1-6', 1-4', 1-2'x3/4" pony
 PUMP SIZE: 2-1/2"x1-1/2"x16' RHAC
 STROKE LENGTH: 74"
 SPM: 6
 Logs: DIGL/SP/GR/CAL 5651'-334'
 CN/CD/GR 5651'-3000'

Wellbore Diagram



FRAC JOB

6-6-98 5420'-5432' Frac CP sand as follows:
 111,680# 20/40 sand in 577
 bbls Viking. Perfs broke @
 3340 psi. Treated w/avg press
 of 1890 psi, w/avg rate of 28
 BPM. ISIP-2000 psi, 55 min
 1820 psi. Flowback on 12/64"
 ck for 3-1/2 hrs & died.

6-9-98 5014'-5055' Frac A sand as follows:
 121,160# 20/40 sand in 580
 bbls Viking. Perfs broke @
 2370 psi. Treated w/avg press
 of 1890 psi, w/avg rate of 27.6
 BPM. ISIP-2350 psi, 5 min
 2110. Flowback on 12/64" ck
 for 3 hrs & died.

PERFORATION RECORD

6-5-98	5420'-5432'	4 SPF	48 holes
6-7-98	5014'-5026'	4 SPF	48 holes
6-7-98	5044'-5055'	4 SPF	44 holes

 **Inland Resources Inc.**
Beluga 3-18-9-17
 701 FNL 2069 FWL
 NENW Section 18-T9S-R18E
 Duchesne Co, Utah
 API #43-013-32050; Lease #U-72106

Beluga #7-18-9-17

Spud Date: 5-4-98
 Put on Production: Well shut-in
 GL: 5441.7' KB: ?'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (293')
 DEPTH LANDED: 303'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sx Premium, est 4 bbl to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5580')
 DEPTH LANDED: 5590'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sx 28:72 Poz Type III & 275 sx Class G
 CEMENT TOP AT: Surface

TUBING

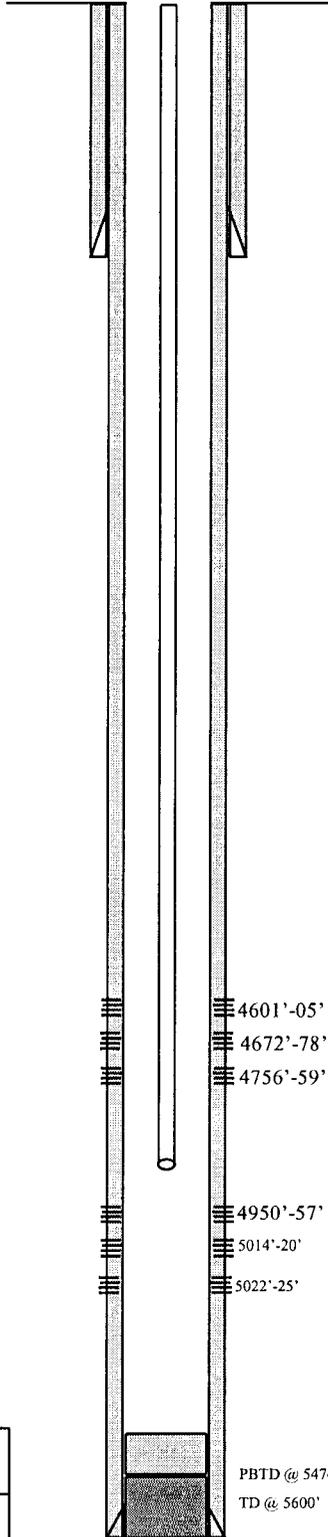
SIZE/GRADE/WT: 2-7/8", M-50, 6.5#
 NO of JTS: 128 jts
 TUBING ANCHOR:
 SEAT NIPPLE:

SUCKER RODS

POLISHED ROD:
 SUCKER RODS:
 PUMP SIZE:
 LOGS: DIGL/SP/GR/CAL 5607'-302'
 CN/CD/GR/GR 5587'-3000'

FRAC JOB

6-6-98 4950'-5025' Frac A sand as follows:
 120,500# 20/40 sand in 582 bbls
 Viking. Perfs broke @ 3410 psi.
 Treated w/avg press of 2118 psi,
 w/avg rate of 30.4 BPM. ISIP-
 2100 psi, 5 min 1934 psi.
 6-9-98 4601'-4759' Swab C & D sand



PERFORATION RECORD

6-5-98	4950'-4957'	4 SPF	28 holes
6-5-98	5014'-5020'	4 SPF	24 holes
6-5-98	5022'-5025'	4 SPF	12 holes
6-7-98	4601'-4605'	4 SPF	16 holes
6-7-98	4672'-4678'	4 SPF	24 holes
6-7-98	4756'-4759'	4 SPF	12 holes



Inland Resources Inc.
Beluga #7-18-9-17
 2083 FNL 1873 FEL
 SWNE Section 18-T9S-R18E
 Duchesne Co, Utah
 API #43-013-32051; Lease #U-72106

Beluga #9-18-9-17

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

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: 128 jts
 TUBING ANCHOR: 4863'
 SEAT NIPPLE: 4990'
 EOT: 5053'

SUCKER RODS

POLISHED ROD:
 SUCKER RODS: 4-11/2" wt rods, 4-3/4" scraped
 95-3/4" plain, 95-3/4" scraped, 1-8', 1-6', 2-2' pony
 PUMP SIZE: 2-1/2"x1-1/2"x12"x16' RHAC
 STROKE SIZE: 74"
 SPM: 6.5

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

FRAC JOB

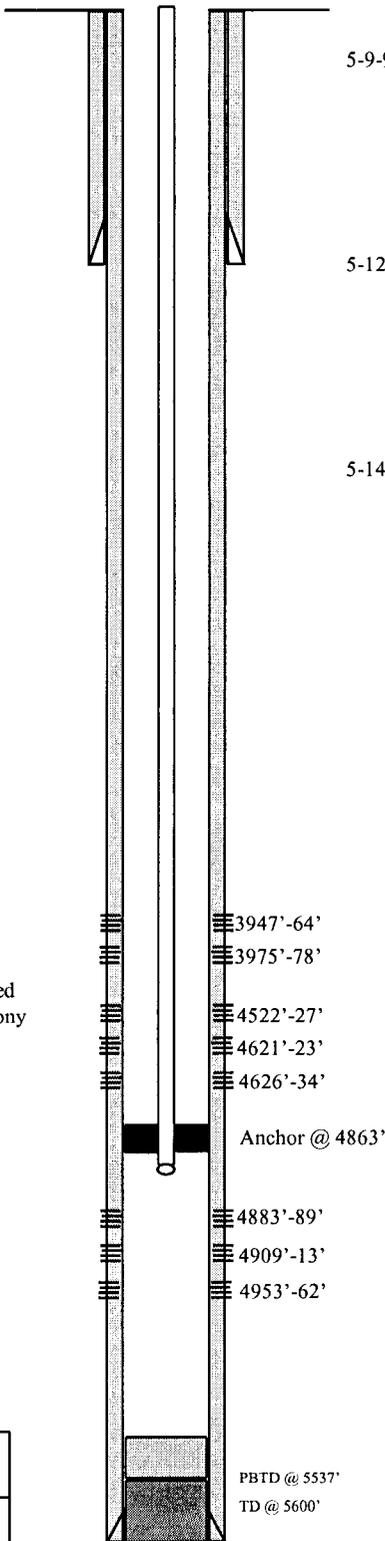
5-9-98 4883'-4962' Frac A sand as follows:
 121,320# 20/40 sand in 576 bbls
 Viking. Perfs broke @ 2700 psi.
 Treated w/avg press of 1900 psi,
 w/avg rate of 32 BPM. ISIP-
 2500 psi, 5 min 2367 psi. Flow-
 back on 12/64" ck for 4 hrs & died.

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.

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

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 #U-72106

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% CCl + 1/4 #/sk celloflake.

PRODUCTION CASING

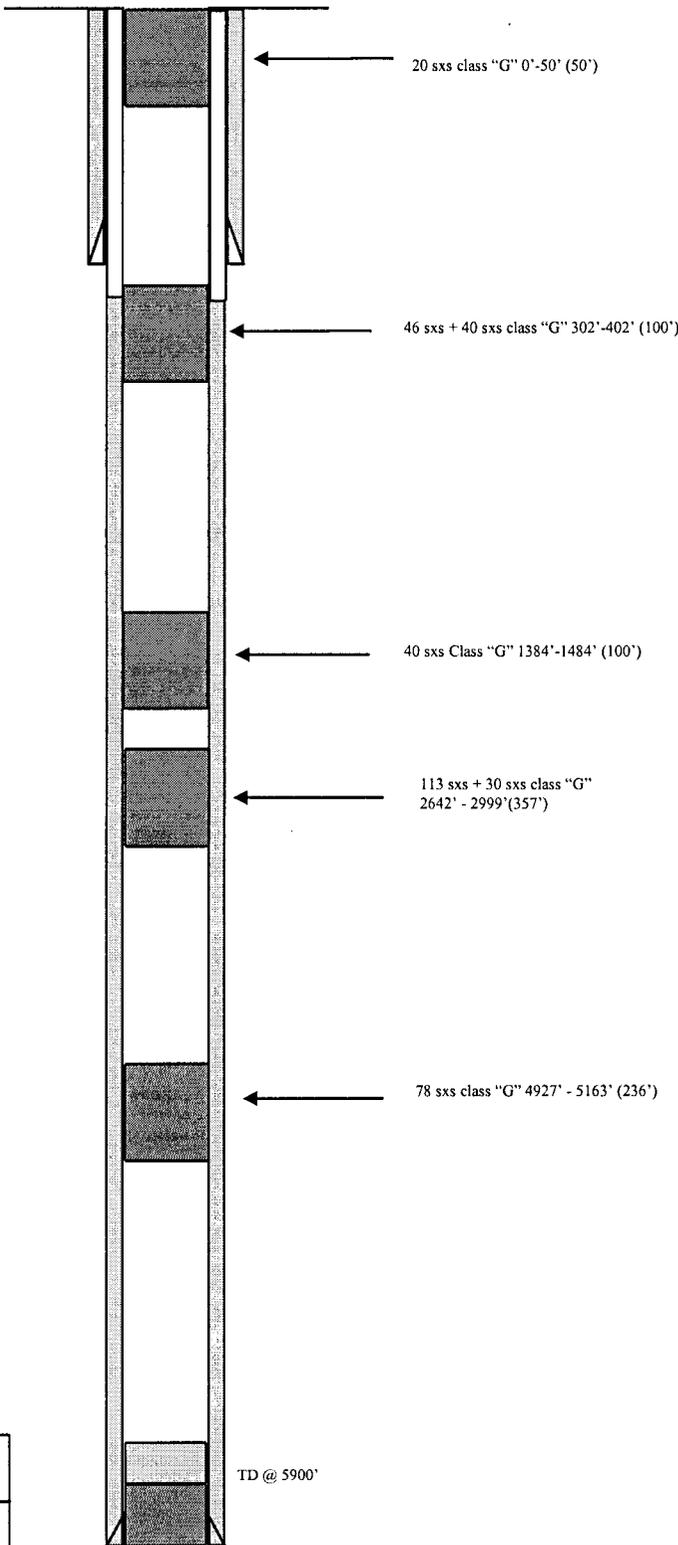
CSG SIZE:
 GRADE:
 WEIGHT:
 LENGTH:
 DEPTH LANDED:
 HOLE SIZE: 7-7/8"
 CEMENT DATA:
 CEMENT TOP AT:

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



Elev.GR - 5462' GL
Elev.KB - 5474.5' KB (12.5' KB)

WELLBORE DIAGRAM

Attachment E-5
OMCO #2
NW SE Sec.18, T9S, R173 pg 1 of 3
1980' FSL, 1980' FEL
Lease #U-3563
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

DATE : 11/13/95 vk

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: K-55
WEIGHT: 36#
LENGTH: 287.5'
DEPTH LANDED: 300' KB
HOLE SIZE:
CEMENT DATA: UNKNOWN

300' KB

PRODUCTION CASING

CSG SIZE: 7-5/8"
GRADE: K-55
WEIGHT: 26#
LENGTH: 5312.5'
DEPTH LANDED: 5425' KB
HOLE SIZE:
CEMENT DATA: 200 sxs class "G"
CEMENT TOP AT: 3370' KB

TUBING

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5"
NO. OF JOINTS:
TUBING ANCHOR:
NO. OF JOINTS: INCOMPLETE
SEATING NIPPLE: INFORMATION
PERFORATED SUB:
MUD ANCHOR:
STRING LENGTH:
SN LANDED AT:
EOT :

SUCKER RODS

POLISHED ROD:
SUCKER RODS:
INCOMPLETE
INFORMATION
STRING LENGTH:
PUMP NUMBER:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT:
PRIME MOVER:
LOGS:

ACID JOB /BREAKDOWN

CONTINUED ON NEXT PAGE

FRAC JOB

CONTINUED ON NEXT PAGE

SQUEEZED JOB

4213' - 4216' 5/17/80 150 sxs of class "H", Press-2800 psi, Rate-3 bpm.
4213' - 4217' 6/4/80 150 sxs of class "H" w/ 2% CCI + 0.4% Halad 9 on last 50 sxs.

PERFORATION RECORD

3944'	3/13/80	Y2	2 holes	
3949'	3/13/80	Y2	2 holes	
4007'	3/13/80	Y3	2 holes	
4027'	3/13/80	Y3	2 holes	
4033'	3/13/80	Y3	2 holes	
4039'	3/13/80	Y3	2 holes	
4043'	3/13/80	Y3	2 holes	
4213'	3/13/80	Y5	2 holes	SQUEEZED
TOC @ 3370' KB 4213' - 4217' 5/23/80				3 SPF SQUEEZED
4216'	3/13/80	Y5	2 holes	SQUEEZED
4927' - 4935'	3/13/80	G3	2 SPF	-- reperfd
4927' - 4935'	12/12/79	G6	3 SPF	
5085' - 5102'	12/12/79	G6	3 SPF	
5104' - 5112'	12/12/79	G6	3 SPF	
5124' - 5127'	12/12/79	G6	3 SPF	
5353' - 5358'	12/4/79	B1	3 SPF	

3944' - 4043'

4213' - 4217' SQUEEZED

4927' - 4935' REPERF'd

5085' - 5102'
5104' - 5112'
5124' - 5127'

5353' - 5358'

PBTD @ ?' KB
TD @ 5425' KB

ACID JOB / BREAKDOWN JOB

5353' - 5358'	12/6/79	Spot 1000 gal 15% HCl w/ 3gal C-15 & 3gal J-22, displace w/ 1512 gal 3% KCl wtr, drop 25 ball sealers, pump 5.5 bpm @ 2400 psi. ISIP-1800 psi, 5,10,15min-1750 psi.
5124' - 5127' & 5104' - 5112' & 5085' - 5102'	12/15/79	5000 gal 15% HCl w/ C-15 inhibitor, & J-22. Drop 135 ball sealers w/ no apparent ball action. ATP-2900 psi, ATR-6 bpm. ISIP-2200 psi, 5min-2070, 10min-2060 psi, 15min-2040 psi.
4927' - 4935'	12/19/79	2000 gal 15% HCl, 6gal C-15 inhibitor, & 6 gal J-22. Drop 40 balls, balled out. ISIP-1500 psi, 5min-1430, 10min-1400 15min-1330 psi.
4043' - 3944'	5/19/80	40,000 SCF of N2 pad followed by 1000 gal 15% HCl, then 2000 gal acid w/ 22 ball sealers in stages & 250 # block. Flush w/ 756 gal 3% KCl wtr. All acid & flush contained 750 SCF of N2.
4213' - 4217'	5/24/80	500 gal 15% HCl w/ 1gal inhibitor & 2 gal foamex. Flush w/ 3% KCl wtr.
4927' - 4935'	6/11/80	750 gal Resi-Sol acid & 250 gal xylene w/ 5gal I-5 surfactant. Flush w/ 1197 gal diesel. ATP-3400 psi, ATR-5 bpm, ISIP-1900 psi.
4927' - 4935'	6/16/80	6500 gal Dolowash acid w/ 400# Westblock III X & 14.5 gal Foamex. Flush w/ 2% KCl wtr. All fluid contained 750 SCF of N2. ATP-3200 psi, ATR-4.5 bpm. ISIP-2300 psi, 15min-1000, 60min-200.
5353' - 5358' & 5124' - 27' & 5104' - 12' & 5085' - 5102'	6/26/80	3000 gal Resi-Sol acid & 1000 gal xylene w/ 20 gal CS-3 clay stabilizer. Flush w/ 1277 gal KCl wtr. ATR-6 bpm, ATP-3800 psi. ISIP-2000 psi, 15min-1800

FRAC JOB

5353' - 5358' 12/8/79	1500 gal 3% KCl wtr w/ scale inhibitor followed by 1000 gal 3% KCl water spacer. Pump 2500 gal Terra frac pad followed by 7000 gal 3% KCl gel w/ 12,000# 10/20, Flush w/ 1500 gal 3% KCl. ATP-4400 psi, ATR-17 bpm, ISIP-1900 psi, 5min-1800, 10min-1770, 15min-1750 psi.
5124' - 5127' 12/21/79 & 5104' - 5112' & 5085' - 5102' & 4927' - 4935'	10,000 gal 3% KCl gel w/ scale inhibitor followed by 1000 gal 3% KCl wtr spacer. 6000 gal gelled pad followed by 12,000 gal gel w/ 30,000 # 10/20. Packer released when 5# sand at perfs. ATP-3600 psi, ATR-22 bpm. REFRAC same zone on 12/22/79 3000 gal pad, 6000 gal w/ 9000# 10/20. SCREENED OUT when 2# sand arrived at perfs. ATP-4500 psi, ATR- 22 bpm. Tried to flow well back twice to clear up sand & get formation to take same, with no success.
5124' - 5127' 2/29/80 & 5104' - 5112' & 5085' - 5102'	TEST INJECTION RATE: Pumped 8.8 bpm at 4100 psi.
4927' - 4935' 3/6/80	Pump 1000 gal 15% HCl for clean up followed by 2000 gal krystal 40-D frac fluid. 12,000 gal gel w/ 6000# 20/40 & 20,000# 10/20, Flush w/ 1092 gal 3% KCl wtr. SCREENED OUT before 4# was clear of tubing. ATP-6300 psi, ATR-12 bpm. No ISIP recorded.
4216', 4213' 3/13/80 4043', 4039', 4033' 4027', 4007', 3949', 3944'	2500 gal pad of Apollo followed by 6000gal gel w/ 3000# 20/40 + 18,000# 10/20. 8 balls dropped after 1st stage & 6 balls dropped after 2nd stage, no ball out. Shut down flow back to clear perfs. Start again w/ 2300 gal pad followed by 3170 gal gel w/ 2000# 20/40 + 1170# 10/20. SCREENED OUT on 3# sand. ATP-3000 psi, ATR-20 bpm. No ISIP recorded.
3/19/80	Gamma Ray log indicates R.A. sand in zone 4027' - 4043' & 4213' - 4216', but thru channel in cement into water zone at 4226' - 4230'.



POMCO #5
 NW SW Sec.17, T9S,
 660' FWL, 1980' FSL
 Lease #UTU-74108
 Monument Butte Field (Beluga Unit)
 Duchesne County, Utah

Elev.GR - 5417' GL
 Elev.KB - 5429' KB (12' KB)

WELLBORE DIAGRAM

DATE : 11/10/95 vk

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 279' (7 jts)
 DEPTH LANDED: 278' KB
 HOLE SIZE: 12-1/2"
 CEMENT DATA: 150 sxs class "G" w/ 1/2
 #/bbl celflex + 2% CC

278' KB

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

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 119 jts (3732.61')
 TUBING ANCHOR: 2.65' (12,000# tension)
 NO. OF JOINTS: 45 jts (1426')
 SEATING NIPPLE: 2 7/8" x 1.08'
 PERFORATED SUB: 2 7/8" x 4.11'
 MUD ANCHOR: 2 7/8" x 31.68' w/NC
 STRING LENGTH: 5199.21'
 SN LANDED AT: 5175' KB
 EOT : 5211' KB

SUCKER RODS

POLISHED ROD: 1-1/4" X 22'
 SUCKER RODS: 1 - 3/4" X 2'
 207 - 3/4" X 25' class "D"

STRING LENGTH: 5193.5'

PUMP NUMBER:
 PUMP SIZE: 2-1/2" x 1-1/4" x 15' RHAC

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT: NPS Supply (Chinese)
 160-200-74
 PRIME MOVER: Waukesha VRG 180, 4 cyl engine

LOGS: Comb. Densilog & Neutron log,
 Densilog, Dual Laterlog

ACID JOB /BREAKDOWN

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. 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.
5141' - 5149' 2/80 & 5124' - 5137' & 5117' - 5122'	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 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 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
5247' - 5283' 4/80	
4847' - 5101' 4/80	
3951' - 4523' 4/80	

TOC - 1940' KB (est.)

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-2500 psi, 5min-2250 psi, 10min-2000#, 15min-2000#
--	--

PERFORATION RECORD

3951' - 4523'	3951' - 3960' 4/80	Y2	15 HOLES
	4520' - 4523' 4/80	R2	5 HOLES
4847' - 5101'	4847' - 4885' 4/80	G3	10 HOLES
	5044' - 5101' 4/80	G4	10 HOLES
	5117' - 5122' 9/79	G4	3 SPF
5117' - 5122'	5124' - 5137' 9/79	G4	3 SPF
5124' - 5137'	5141' - 5149' 9/79	G4	3 SPF
5147' - 5149'	5247' - 5283' 4/80	GR	12 HOLES

5247' - 5283'

SN Landed @ 5175'

PBTD @ 5316' KB (est.)
 TD @ 5440' KB



Paiute Federal #11-17
 NW NW Sec.17, T9S, R17E
 661' FNL, 664' FWL
 Lease #U-72106
 Monument Butte Field (Beluga Unit)
 Duchesne County, Utah

Attachment E-7

Elev.GR - 5392' GL
 Elev.KB - 5404' KB (12'KB)

Injection Wellbore Diagram

DATE: 10/28/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 265'
 DEPTH LANDED: 277' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 200 sxs

277' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5747'
 DEPTH LANDED: 5751' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 700 sxs

Uinta Formation Surface to 1450 ft.

CEMENT TOP AT: 880' KB

TOC @ 880' KB

PERFORATION RECORD

4024' - 4040'	7/83	Y2	2 SPF	(16')	33 holes
4062' - 4082'	7/83	Y3	2 SPF	(20')	41 holes
4094' - 4099'	7/83	Y3	2 SPF	(5')	11 holes
4706' - 4717'	8/26/82	R5	2 SPF	(11')	23 holes
5369' - 5385'	8/11/82	B14	1 SPF	(16')	17 holes
5392' - 5422'	8/11/82	B1	1 SPF	(30')	31 holes
5451' - 5460'	8/11/82	B2	1 SPF	(9')	10 holes
5518' - 5528'	7/21/82	B3	2 SPF	(10')	21 holes
5577' - 5596'	7/21/82	B3	2 SPF	(19')	39 holes

TUBING

SIZE/GRADE/WT.: 2-3/8", J-55, 4.7#
 NO. OF JOINTS: 126 Jts (3945.07')
 SEAT NIPPLE: 2-3/8" X 1.1'
 ARROW SET 1 PACKER: 2-3/8"x5-1/2"x6.20'
 PACKER LANDED AT: 3959' KB
 PKR Set w/ 9" Tension

Green River Formation 1450 to 5400 ft.

ARROW SET-1 PACKER
 SET AT 3959' KB

- CONVERSION:**
- 1.) Tag fill @ 5675' 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 @ 3959'. Press. test csg to 1000 psi. Good.

4024' - 4040'
 4062' - 4082'
 4094' - 4099'

4706' - 4717'

PACKER FLUID: Champion Cortron 2383 PKR fluid mixed w/ 61 bbls 2% KCL water. 10/18/96

5369' - 5385'
 5392' - 5422'

5451' - 5460'

MIT RECORD: 11/13/96 Witnessed by Dan Jarvis w/ the Utah Oil & Gas Commission. Press. to 1100 psi for 1 hour.

5518' - 5528'
 5577' - 5596'

Douglas Creek Member 4550 to 5400 ft.
 Wasatch Fm. Transition 5400 to 5950 ft.
 PBSD @ 5716' KB
 TD @ 5760' KB



Elev.GR - 5407.9' GL
Elev.KB - 5417.9' KB (10' KB)

WELLBORE DIAGRAM

DATE : 11/9/95 vk

BALCRON MONUMENT BUTTE FED #12-17
SW NW Sec.17, T9S, R12E
1980' FNL, 660' FWL
Lease #UIU - 72106
Monument Butte (Beluga Unit)
Duchesne County, Utah

Attachment E-8

SURFACE CASING

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.

380' KB

PRODUCTION CASING

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 Hillift &
tail w/170 sxs 10-0 RFL.

CEMENT TOP AT: 2900' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
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'
STRING LENGTH: 4996.80'
SN LANDED AT: 4976.17' KB
EOT : 5007' 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

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: American 222-246-86
PRIME MOVER: Ajax E-42

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

ACID JOB /BREAKDOWN

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,

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.

TOC @ 2900' KB

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

3985' - 3988'
3990' - 4000'

4939' - 4947'
4954' - 4950'

SN LANDED @ 4976' KB
EOT LANDED @ 5007' KB

PBTD @ 5616' KB
TD @ 5650' KB



Elev.GR - 5385' GL
Elev.KB - 5399' KB (14' KB)

WELLBORE DIAGRAM

DATE : 11/13/95 vk

MOCON FEDERAL #44-7
SE SE Sec.7, T9S, T17E
663' FEL, 670' FSL
Lease #UTU-72106
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

Attachment E-9

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24 #
LENGTH: 257.47' (6 jts)
DEPTH LANDED: 273.35' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs class "G" w/ 2% CaCl2 + 1 #/sk D-29 Good Returns.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5 #
LENGTH: 141 jts (5734.73')
DEPTH LANDED: 5732' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sxs Class "G" w/ 12% gel + 3% salt + 1% O79 + 0.75% Q112, Tailed w/ 416 sxs RFC w/ 5# O42

CEMENT TOP AT: 510' KB from CBL

TUBING

SIZE/GRADE/WT.: 2-3/8", J-55, 4.7 #
NO. OF JOINTS:
TUBING ANCHOR:
NO. OF JOINTS:
SEATING NIPPLE:
PERFORATED SUB:
MUD ANCHOR:
STRING LENGTH:
SN LANDED AT: 5556' KB
EOT: 5592' KB

SUCKER RODS

POLISHED ROD: 1-1/4" X 16'
SUCKER RODS: 192 - 3/4" X 25' PLAIN
26 - 3/4" X 25' SCRAPERED
STRING LENGTH: 5462'
PUMP NUMBER:
PUMP SIZE: 2" X 1-1/2" X 16' RWAC TOP CUP
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT: LUFKIN 160 CMI
PRIME MOVER:

LOGS: Compensated Density Dual Spaced Neutron Log,
Dual Induction Guard Log,
Cement Bond Log

273' KB

TOC @ 510' KB

4304' - 4314'

4730' - 4740'

5044' - 5053'
5080' - 5088'

5442' - 5452'

SN LANDED @ 5556' KB
EOT LANDED @ 5592' KB

PBTD @ 5690' KB
TD @ 5750' KB

ACID JOB /BREAKDOWN

5442' - 5452' 6/30/82 Could not pump into formation, reper'd the same. Still cannot pump into formation.
4304' - 4314' 8/1/82 1000 gal 15% HCl acid, flushed w/ 745 gal 2% KCl wtr. ATP-2900 psi, Max-3100 psi. ATR-6 bpm, Max-6 bpm. ISIP-1200 psi, 15min-1100 psi.

FRAC JOB

5080' - 5088' 7/1/82 & 5044' - 5053' 2000 gal 15% WFC acid at 1700 psi, 10 bpm. Followed by 25,000 gal Apollo 40 w/ 50,500# 20/40. flush w/ 5040 gal 2% KCl wtr. ATP-2200 psi, Max-3600#, ATR-30 bpm, Max-32 bpm, ISIP-1700 psi, 15min-1500 psi, 20min-1500 psi.
4730' - 4740' 7/14/82 1000 gal 15% WFC1 acid at 1800 psi, 7 bpm. ISIP-1800 psi. Followed by 12,500 gal Apollo 40 w/ 20,500# 20/40. Flush w/ 4746 gal 2% KCl wtr. ATP-1906 psi, Max-2400#, ATR-10 bpm, Max-10, ISIP-1800 psi, 15min-1550, 20min-1550 psi.
4304' - 4314' 8/3/82 11,500 gal Apollo 40 w/ 20,500# 20/40. Flushed w/ 4326 gal 2% KCl wtr. ATP-1550 psi, Max-1750#, ATR-10 bpm, Max-10 bpm, ISIP-1550 psi, 15 min-1400 psi, 20 min-1375 psi.
5442' - 5452' APR-83 Stress fraced and swab tested. Isolated from other zones w/ packer, treated w/ 23,000 gal gel w/ 48,000# 20/40 sand. No other information.

PERFORATION RECORD

4304' - 4314' 7/31/82 (10') 2 SPF 21 holes Y5
4730' - 4740' 7/14/82 (10') 2 SPF 21 holes R5
5044' - 5053' 6/30/82 (9') 2 SPF 19 holes G4
5080' - 5088' 6/30/82 (8') 2 SPF 17 holes G5
5442' - 5452' 6/30/82 REPERFORATE 21 HOLES
5442' - 5452' 6/29/82 (10') 2 SPF 21 holes B1

Attachment F

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5068
Fax (801) 722-5727

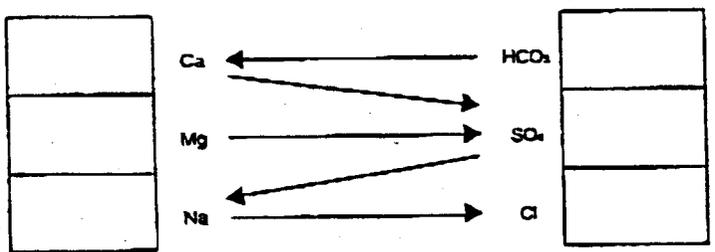
WATER ANALYSIS REPORT

Company INLAND Address _____ Date 01-14-98
 Source Johnson Water FRESH WATER Date Sampled _____ Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>7.0</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>593</u>	
5. Alkalinity (CaCO ₃)		<u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		<u>300</u>	+ 61 <u>5</u> HCO ₃
7. Hydroxyl (OH)		<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		<u>35</u>	+ 35.5 <u>1</u> Cl
9. Sulfates (SO ₄)		<u>110</u>	+ 48 <u>2</u> SO ₄
10. Calcium (Ca)		<u>44</u>	+ 20 <u>2</u> Ca
11. Magnesium (Mg)		<u>22</u>	+ 12.2 <u>2</u> Mg
12. Total Hardness (CaCO ₃)		<u>200</u>	
13. Total Iron (Fe)		<u>2.2</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	Σ	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>2</u>			<u>146</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	54.00	<u>1</u>			<u>84</u>
Na ₂ SO ₄	71.03	<u>2</u>			<u>142</u>
NaCl	58.45	<u>1</u>			<u>59</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 _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

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

Attachment F-1

WATER ANALYSIS REPORT

Company INLAND PRODUCTION

Address _____

Date 07-21-98

Source BELUGA 12-17 WELLHEAD

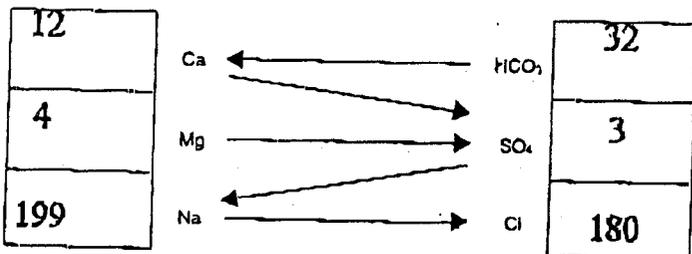
Date Sampled 07-20-98

Analysis No. _____

	Analysis	mg/l(ppm)	*Mg/l
1. PH	9.3		
2. H ₂ S (Qualitative)	1.5		
3. Specific Gravity	1.010		
4. Dissolved Solids		13,346	
5. Alkalinity (CaCO ₃)		CO ₃ 480	÷ 30 16
6. Bicarbonate (HCO ₃)		HCO ₃ 1,000	÷ 61 16
7. Hydroxyl (OH)		OH 0	÷ 17 0
8. Chlorides (Cl)		Cl 6,400	÷ 35.5 180
9. Sulfates (SO ₄)		SO ₄ 150	÷ 48 3
10. Calcium (Ca)		Ca 240	÷ 20 12
11. Magnesium (Mg)		Mg 49	÷ 12.2 4
12. Total Hardness (CaCO ₃)		800	
13. Total Iron (Fe)		13	
14. Manganese		0	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Mg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	12			973
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	4			293
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	16			1,344
Na ₂ SO ₄	71.03	3			213
NaCl	58.46	180			10,523

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

AMMONIA = 5 PPM

CO₂ = 0 PPM

REMARKS _____

AQUAMIX SCALING PREDICTIONS

COMPANY: Inland Productions
 LOCATION: Beluga 12-17 Wellhead
 SYSTEM:

7-22-98

WATER DESCRIPTION:	Beluga 12-17	FRESH WATER
P-ALK AS PPM CaCO3	801	0
M-ALK AS PPM CaCO3	164	492
SULFATE AS PPM SO4	150	110
CHLORIDE AS PPM Cl	6400	35
HARDNESS AS PPM CaCO3	0	0
CALCIUM AS PPM CaCO3	600	110
MAGNESIUM AS PPM CaCO3	201	90
SODIUM AS PPM Na	4577	92
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	13346	593
TEMP (DEG-F)	100	100
SYSTEM pH	9.3	7

WATER COMPATIBILITY CALCULATIONS
 Beluga 12-17 AND FRESH WATER
 CONDITIONS: TEMP.=100AND pH=8.2
 WATER ONE IS Beluga 12-17

% OF Water # 1	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	.62	40	0	0	0
90	.72	50	0	0	0
80	.81	61	0	0	0
70	.88	70	0	0	0
60	.94	77	0	0	0
50	.99	81	0	0	0
40	1.03	79	0	0	0
30	1.05	73	0	0	0
20	1.06	61	0	0	0
10	1.03	48	0	0	0
0	.96	33	0	0	0

Attachment G

Beluga #8-18-9-17

Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
3955	3993	3974	1500	0.81	1482
3998	4059	4029	1500	0.81	1499
				Minimum	<u>1482</u>

Calculation of Maximum Surface Injection Pressure

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

Frac Gradient is obtained from the service company's frac summary report.

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 254' plug from 3855'-4159' with 30 sxs Class "G" cement.
2. Plug #2 Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.
3. Plug #3 Set 100' plug from 283'-383' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
7. Plug #7 Set 50' plug from surface with 10 sxs Class "G" cement.
8. Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 333' to surface.

The approximate cost to plug and abandon this well is \$18,000.

Beluga #8-18-9-17

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

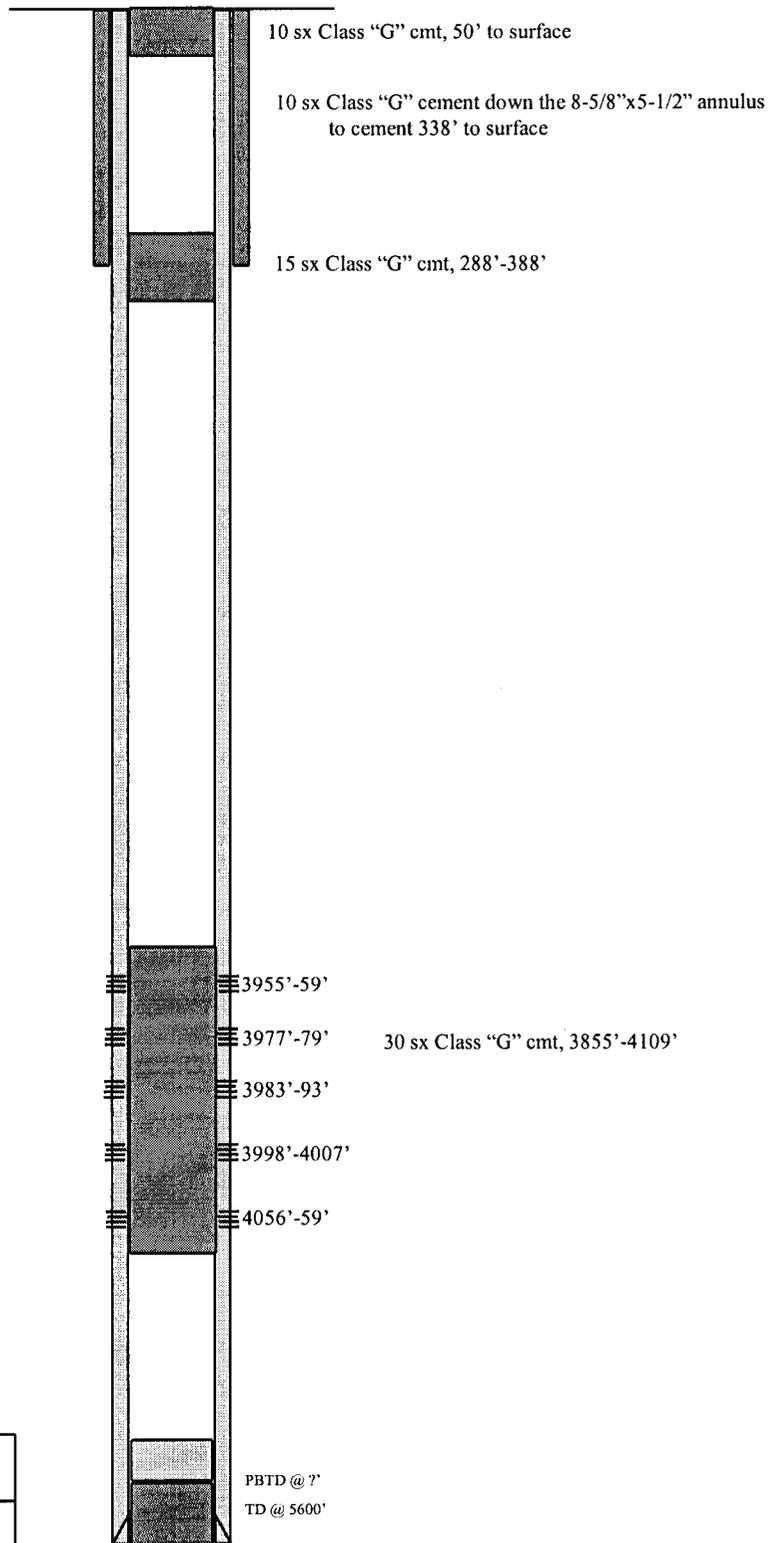
Proposed P&A Wellbore Diagram

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 sx Premium, est 4 bbl to surface

PRODUCTION CASING

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



	Inland Resources Inc.
	Beluga 8-18-9-17
	1799 FNL 799 FEL
	SENE Section 18-T9S-R18E
	Duchesne Co, Utah
API #43-013-32052; Lease #U-72106	

143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D.# 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune



DESERET NEWS

CUSTOMER'S COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL GAS & MAINING 1594 WEST NORTH TEMPLE, SUITE 1210, BX 145801 SALT LAKE CITY, UT 84114	D5385340L-07	08/17/98

ACCOUNT NAME	
DIV OF OIL GAS & MAINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL8D8200881
SCHEDULE	

START 08/17/98 END 08/17/98	
CUST. REF. NO.	
UIC-230	
CAPTION	
NOTICE OF AGENCY ACTION CAUSE N	
SIZE	
71 LINES 1.00 COLUMN	
TIMES	RATE
1	1.64
MISC. CHARGES	AD CHARGES
.00	116.44
TOTAL COST	
116.44	

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-230
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 BELLUGA 8-18-9-17 WELL LOCATED IN SECTION 18, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL.

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 Belluga 8-18-9-17 well, located in Section 18, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum 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 before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

AFFIDAVIT OF PUBLICATION

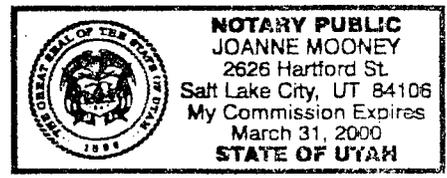
NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED PUBLICATION OF NOTICE OF AGENCY ACTION CAUSE N FOR DIV OF OIL GAS & MAINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PUBLISHED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

HELD ON START 08/17/98 END 08/17/98

Dated this 12th day of August, 1998.

STATE OF UTAH
DIV. OF OIL, GAS AND MINING
John R. Baza
Associate Director
8D820080

SURE John R. Baza
DATE 08/17/98



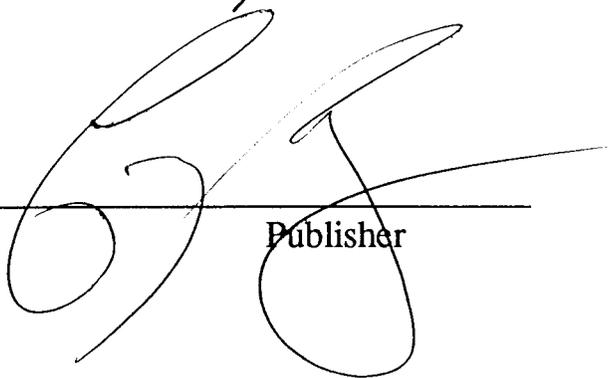
THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.

2871
2821 REC 6131
NJADP ORG
NBADMTA
GEDB

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

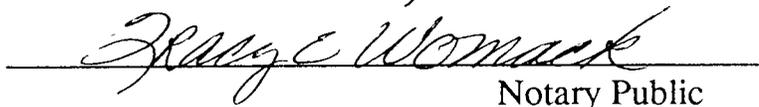
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 18 day of Aug, 1998, and that the last publication of such notice was in the issue of such newspaper dated the 18 day of Aug, 1998.



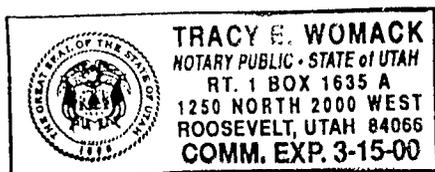
Publisher

Subscribed and sworn to before me this

26 day of Aug, 1998



Notary Public



NOTICE AGENCY ACTION

CAUSE NO. UIC-230
IN THE MATTER OF
THE APPLICATION OF
INLAND PRODUCTION
COMPANY FOR AD-
MINISTRATIVE AP-
PROVAL OF THE BEL-
UGA 8-18-9-17 WELL
LOCATED IN SECTION
18; TOWNSHIP 9
SOUTH, RANGE 17
EAST, S.L.M.,
DUCHESNE COUNTY,
UTAH, AS A CLASS II
INJECTION WELL

THE STATE OF
UTAH TO ALL PER-
SONS 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 8-18-9-17 well, located in Section 18, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum 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 before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 12th day of August, 1998.

STATE OF UTAH
DIVISION OF OIL, GAS &
MINING

John R. Baza, Associate
Director
Published in the Uintah
Basin Standard August 18,
1998.

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

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF INLAND	:	ACTION
PRODUCTION COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-230
THE BELUGA 8-18-9-17 WELL	:	
LOCATED IN SECTION 18,	:	
TOWNSHIP 9 SOUTH, RANGE 17	:	
EAST, S.L.M., DUCHESNE COUNTY,	:	
UTAH, AS A CLASS II INJECTION	:	
WELL	:	

---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 8-18-9-17 well, located in Section 18, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum 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 before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 12th day of August, 1998.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

for 

John R. Baza
Associate Director



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

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

August 12, 1998

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066-9998

Re: Notice of Agency Action - Cause No. UIC-230

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, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Lorraine Platt

Lorraine Platt
Secretary

Enclosure



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

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

August 12, 1998

Newspaper Agency Corporation
Legal Advertising
PO Box 45838
Salt Lake City, Utah 84145

Re: Notice of Agency Action - Cause No. UIC-230

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, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Lorraine Platt

Lorraine Platt
Secretary

Enclosure

**Inland Production Company
Beluga 8-18-9-17 Well
Cause No. UIC-230**

Publication Notices were sent to the following:

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

Newspaper Agency Corporation
Legal Advertising
P.O. Box 45838
Salt Lake City, Utah 84145

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Vernal District Office
Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466

Lorraine Platt

Lorraine Platt
Secretary
August 12, 1998

FAX COVER SHEET



RESOURCES INC.
410 17th Street, Suite 700
Denver, CO 80202
303-893-0102, Fax #303-893-0103

DATE:

2-22-02

TO:

CAROL DANIELS

COMPANY:

STATE OF UTAH, DOGM

FAX NUMBER:

801-359-3940

FROM:

ANITA SHIPMAN

NUMBER OF PAGES (INCLUDING COVER SHEET):

3

FOLLOWING IS THE BLM FORM 3160
FOR THE BELUGA 8-18-9-17. I
ASSUME YOU WON'T NEED A FORM 8.

I WILL FAX & MAIL THE OTHERS.
WE HAVE SEVERAL COMPLETED, HOPEFULLY
I WILL BE ABLE TO MAIL TODAY.

If you do not receive all pages or there is a problem with this transmission, please call our office number. The information contained in this transmission is confidential and only intended for the person(s) it addresses.

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 *

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other INJECTOR

2. TYPE OF COMPLETION: NEW WELL WORK OVER REPAIR PIPE BACK DIFF. REPAIR Other W/O Completion

3. NAME OF OPERATOR
Inland Production Company

4. ADDRESS OF OPERATOR
P.O. Box 790233 Vernal, UT 84079 (434) 789-1866

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface SE/NE
At top prod. interval reported below 1799' FNL & 799' FEL
At total depth

14. PERMIT NO. 43-013-32052 DATE ISSUED 3/17/98

5. LEASE DESIGNATION AND SERIAL NO.
U-72106

6. IF INDIAN, ALLOTTED OR TRIBE NAME

7. UNIT AGREEMENT NAME
Beluga Unit
UTU-75023X

8. FARM OR LEASE NAME
Beluga

9. WELL NO.
#8-18-9-17

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 SPUDDED 4/27/98 16. DATE T.D. REACHED 5/2/98 17. DATE COMPL. (Ready to prod.) 5-2-98 W/O Completion 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)^o 5423.1' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5600' 21. PLUS, BACK T.D., MD & TVD N/A 22. IF MULTIPLE COMPL., HOW MANY^o → 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)^o
NONE - To be completed for Injection 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIGL/SP/GR/CAL - CAL - CD/CN/GR 27. WAS WELL CORED No 9-22-98

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	333'	12 1/4	140 sx Prem + w/ 2% CC &	#/sk Flocele
5 1/2	15.5#	5593'	7 7/8	285 sx Hibond 65 Mod & 270 sx Thixo & 10% Calseal	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT ^o	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A		

31. PERFORATION RECORD (Interval, size and number)

N/A

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	

33. PRODUCTION

DATE FIRST PRODUCTION N/A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) W/O COMPLETION FOR INJECTION WELL STATUS (Producing or shut-in) N/A

DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

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

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

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)

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, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
den Gulch	3506'				
den Gulch 2	3816'				
Point 3	4084'				
X Marker	4327'				
Y Marker	4362'				
Douglas Creek	4482'				
Bi-Carb	4721'				
B-Lime	4835'				
Castle Peak	5334'				
Basal Carb	NDE				



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)

December 17, 1998

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

Re: Beluga Unit Well: Beluga 8-18-9-17, 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 wells to Class II injection wells. 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,

A handwritten signature in black ink that reads "John R. Baza". The signature is written in a cursive style with a large, sweeping 'J' and 'B'.

John R. Baza
Associate Director, Oil and Gas

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

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company **Well:** Beluga 8-18-9-17
Location: 18/9S/17E **API:** 43-013-32052

Ownership Issues: The proposed well is located on BLM administered 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 various other 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 Castle Draw 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 333 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5593 feet and has a cement top at the surface. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set at 3900 feet. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells, 1 P&A well and 3 injection wells 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 1000 feet. Injection shall be limited to the interval between 3955 feet and 4059 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 8-18-9-17 well is .81 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1482 psig. The requested maximum pressure is 1482 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 8-18-9-17
page 2

Oil/Gas& Other Mineral Resources Protection: The Beluga Unit was approved on February 4, 1996. Correlative rights issues were addressed at that 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 Administrative 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: 12/17/98



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)

December 17, 1998

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

Re: Beluga Unit Well: Beluga 8-18-9-17, Section 18, Township 9 South, Range 17 East,
Duchesne County, Utah

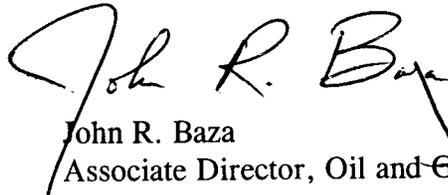
Gentlemen:

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 wells to Class II injection wells. 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, Oil and Gas

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

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
Beluga Unit UTU-75023X

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

9. API Well No.
43-013-32052

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1799' FNL & 799' FEL SE/NE Section 18, T9S, R17E

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

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
 Status report for time period 4/2/01 through 4/8/01.
 Subject well had completion procedures initiated on 3/31/01. A Single Green River interval was perforated and hydraulically fractured. Production tubing was ran in well. Zone was swab tested for cleanup. A rod pump was installed & well began producing on pump on 4/4/01.

14. I hereby certify that the foregoing is true and correct
 Signed Gary Dietz Title Completion Foreman Date 9-Apr-01

(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.

*See Instruction on Reverse Side

RECEIVED

APR 10 2001

DIVISION OF
OIL, GAS AND MINING



April 30, 2001

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

Attn: Ms. Carol Daneils

Re: Beluga 8-18-9-17
SE/NE Sec.18 T9S, R17E
Duchesne, Country UT

Dear Ms. Carol Daneils

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

If you should have any questions, please contact me at (303) 893-0102 ext. 1441

Sincerely,

Cyndee Miller
Operations Secretary

Enclosures

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

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

Amended

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ 1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____	5. LEASE DESIGNATION AND SERIAL NO. <p align="center">U-72106</p> 6. IF INDIAN, ALLOTTEE OR TRIBE NAME <p align="center">NA</p> 7. UNIT AGREEMENT NAME <p align="center">BELUGA UNIT UTU-75023X</p> 8. FARM OR LEASE NAME, WELL NO. <p align="center">BELUGA</p>
--	--

2. NAME OF OPERATOR
INLAND RESOURCES INC.

3. ADDRESS AND TELEPHONE NO.
410 17th St. Suite 700 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
At Surface
At top prod. Interval reported below 1799' FNL & 799' FEL SE/NE Sec. 18, Twp. 9 S, Rng. 17 E

14. API NO. 43-013-32052	DATE ISSUED 3/17/98	12. COUNTY OR PARISH Duchesne	13. STATE UT
------------------------------------	-------------------------------	---	------------------------

15. DATE SPUNDED 4/27/98	16. DATE T.D. REACHED 5/2/98	17. DATE COMPL. (Ready to prod.) 4/4/01	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5423.1' GR	19. ELEV. CASINGHEAD
------------------------------------	--	---	--	----------------------

20. TOTAL DEPTH, MD & TVD 5600'	21. PLUG BACK T.D., MD & TVD 5590'	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)*
Lower Green River 3954'-4060'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIGL/SP/CDL

27. WAS WELL CORED
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	333'	12-1/4	140 sx Premlite	
5-1/2	15.5#	5593'	7-7/8	285 sx Hibond & 270 sx Thixo	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	EOT @ 4142.96'	TA @ 3944.38'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
GB-2 sds 3954'-59'	0.38	20	3954-4060'	158,760# 20/40 sand & 654 bbl Viking I-25 fluid
GB-4 sds 3977'-79, 3983'-93, 3997'-4007'	0.38	88		
GB-6 sds 4055'-60'	0.38	20		

33.* PRODUCTION

DATE FIRST PRODUCTION 4/4/01	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD -->	OIL--BBL. 16.2	GAS--MCF. 32.7	WATER--BBL. 30.6	GAS-OIL RATIO 2019
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE -->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
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 *Kevin S. Wether* TITLE **Manager of Development Operations** DATE **5/14/01**

BDH

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			BELUGA 8-18-9-17	Garden Gulch Mkr Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)	3506 3816 4084 4327 4362 4482 4721 4835 5334 5598	



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>

MAR 27 2003

RECEIVED

Ref: 8P-W-GW

APR 02 2003

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

DIV. OF OIL, GAS & MINING

Mr. David Gerbig
Operations Engineer
Inland Production Company
410 Seventeenth Street - Suite 700
Denver, CO 80202

RE: ADDITIONAL WELL TO THE BELUGA
AREA PERMIT: UT20798-00000
Beluga Federal No. 8-18-9-17
Well ID No. UT20798-04480
Duchesne County, Utah

Dear Mr. Gerbig:

The Inland Production Co. (Inland) request to convert a former Douglas Creek Member of the Green River Formation oil well, the Beluga Federal No. 8-18-9-17, to a Green River Formation Garden Gulch-Douglas Creek Members enhanced recovery injection well is hereby authorized. The proposed Beluga Federal No. 8-18-9-17 Class II enhanced recovery injection well is within the exterior boundary of the Beluga 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 Beluga Final Area Permit. Unless specifically mentioned in the enclosed Authorization For An Additional Well, all terms and conditions of the original Area Permit will apply to the conversion, operation, monitoring, and plugging of the Beluga Federal No. 8-18-9-17.

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, and (3) an EPA Form No. 7520-12 (**Well Rework Record**, enclosed).

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



Printed on Recycled Paper

A maximum allowable surface injection pressure (MAIP) of 1600 psig is hereby approved by the EPA for the Beluga Federal No. 8-18-9-17, calculated using the fracture gradient (FG) 0.84 psi/ft. The 0.84 psi/ft FG was calculated from a sand/frac treatment of a gross set of Garden Gulch Member perforations 3954 feet to 4060 feet. Pursuant to the Beluga Area Permit, the initial surface injection pressure of injection wells shall not exceed 1885 psig. Under the terms of the Area Permit, the permittee may request an increase or decrease of an injection well's approved MAIP using results from a Step-Rate Test or other approved test, which may be run at surface pressures that do not exceed 1885 psig.

Please be aware that Inland does not have authorization to begin injection into the Beluga Federal No. 8-18-9-17 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.

Please note that the EPA has modified the Permit Authorization Identification (ID) number from **UT2798** to **UT20798**. The Well ID remains UT04480. In all future correspondence to the EPA relative to the Beluga Federal No. 8-18-9-17, please use the ID number **UT20798-04480**. Reference to the Beluga Area Permit will be **UT20798-00000**.

Pages five (5) and six (6) of the enclosed AUTHORIZATION FOR AN ADDITIONAL WELL, and specifically PART III. E., describe phone numbers to be used in the event of Permit noncompliance. Please familiarize yourself with the new reporting telephone numbers.

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

Sincerely,



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

enclosures: Authorization For An Additional Well
EPA Form No. 7520-12 (Well Rework Record)
Schematic Diagram of Proposed Conversion
EPA Guidance 39: Part I Internal MIT

cc w/enclosures: Mr. D. Floyd Wopsock
Chairman
Uintah & Ouray Business Council
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, UT 84026

Ms. Elaine Willie
Environmental Coordinator
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, UT 84026

Mr. Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency
P.O. Box 190
Fort Duchesne, UT 84026

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

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas, and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84114-5801

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
Vernal District
170 South 500 East
Vernal, UT 84078

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-72106	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		7. UNIT AGREEMENT NAME BELUGA	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		8. FARM OR LEASE NAME BELUGA 8-18-9-17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE/NE Section 18, T9S R17E 1799 FNL 799 FEL		9. WELL NO. BELUGA 8-18-9-17	
14. API NUMBER 43-013-32052		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5423.1 GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/NE Section 18, T9S R17E	
12. COUNTY OR PARISH DUCHESNE		13. STATE UT	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>
(OTHER) <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>
	SHOOTING OR ACIDIZING <input type="checkbox"/>
	(OTHER) <input checked="" type="checkbox"/> Injection Conversion

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

17 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.)*

The subject well was converted from a producing well to an injector. On 4/24/03 the rods and tubing anchor were removed and a packer was inserted in bottom hole assembly @ 3865'. On 4/28/03 Mr. Dennis Ingram w/State DOGM was contacted of the intent to conduct a MIT on the casing. On 4/29/03 the casing was pressured to 1575 psi w/no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 4/30/2003
 Krishna Russell

cc: BLM
 (This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

RECEIVED
MAY 01 2003
 DIVISION OF OIL, GAS & MINING

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: 4 / 29 / 03
 Test conducted by: BRET HENRIE Bret Henrie
 Others present: _____

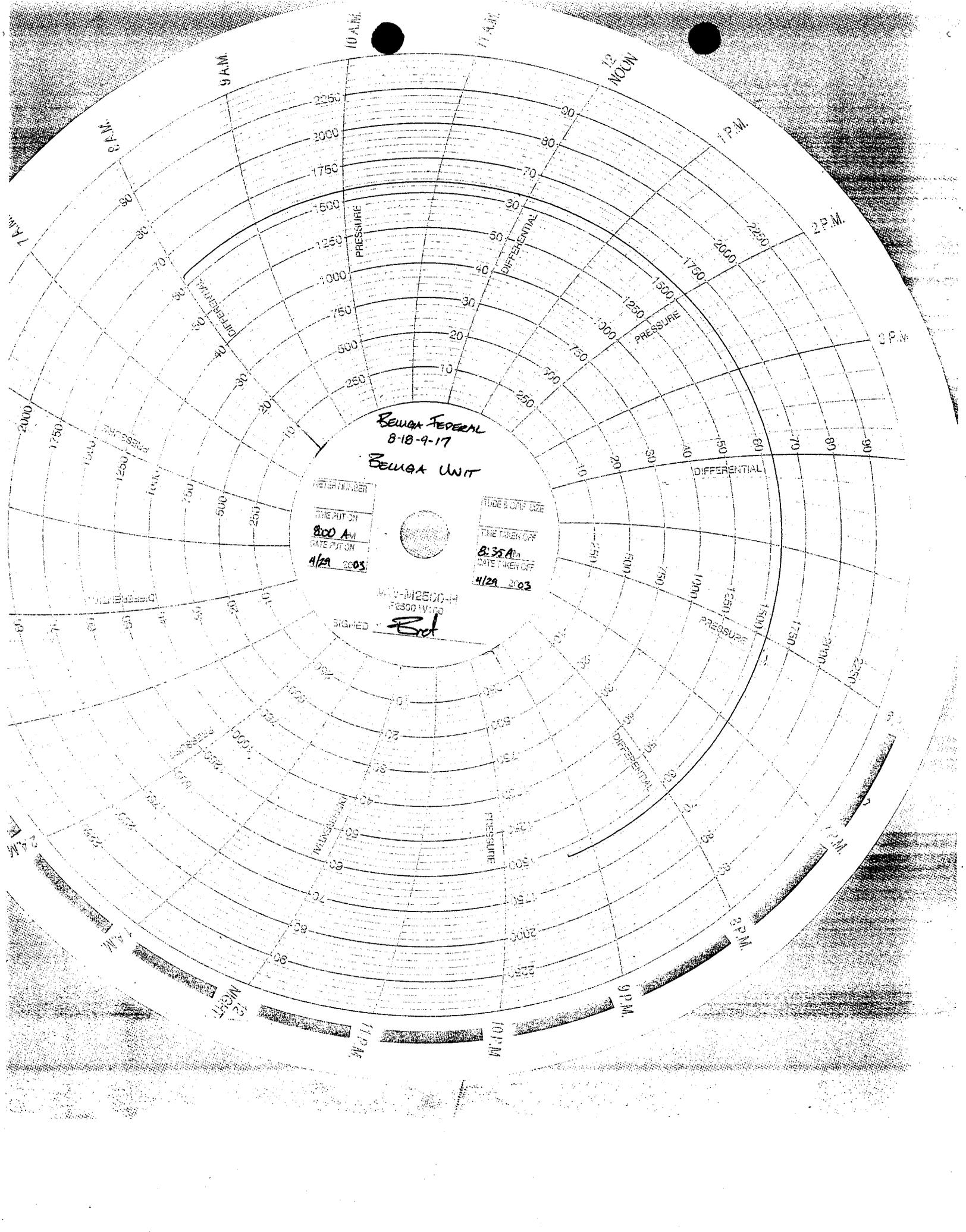
Well Name: <u>BEWGA FEDERAL 8-18-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>BEWGA UNIT</u>		
Location: <u>SE/NE</u> Sec: <u>18</u> T <u>9</u> N/S R <u>17</u> E/W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>INLAND</u>		
Last MIT: <u>NA</u> / <u>—</u> / <u>—</u>	Maximum Allowable Pressure: _____ PSIG	

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>320</u> psig	psig	psig
End of test pressure	<u>320</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1575</u> psig	psig	psig
5 minutes	<u>1575</u> psig	psig	psig
10 minutes	<u>1575</u> psig	psig	psig
15 minutes	<u>1575</u> psig	psig	psig
20 minutes	<u>1575</u> psig	psig	psig
25 minutes	<u>1575</u> psig	psig	psig
30 minutes	<u>1575</u> psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	[X] Pass [] Fail	[] Pass [] Fail	[] Pass [] Fail

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



BELUX FEDERAL
8-18-9-17
BELUX UNIT

METER NUMBER

TIME PUT ON

8:00 AM

DATE PUT ON

4/29 2003

TIJDE BLOK SIZE

TIME TAKEN OFF

8:35 AM

DATE TAKEN OFF

4/29 2003

WV-M2500-44
P2550 W:00

SIGNED *[Signature]*



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

Michael O. Leavitt
Governor
Robert L. Morgan
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 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-230

Operator: Inland Production Company
Well: Beluga 8-18-9-17
Location: Section 18, Township 9 South, Range 17 East
County: Duchesne
API No.: 43-013-32052
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on December 17, 1978.
2. Maximum Allowable Injection Pressure: 1482 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3955' - 4059')

Approved by:



John R. Baza
Associate Director

5/8/2003
Date

cc: Dan Jackson Environmental Protection Agency



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

MAY 12 2003

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. David Gerbig
Operations Engineer
Inland Production Company
410 Seventeenth Street - Suite 700
Denver, CO 80202

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

RE: UNDERGROUND INJECTION CONTROL (UIC)
Authority to Commence Injection
Well Permit No. UT20798-04480
Beluga Federal No. 8-18-9-17
Duchesne County, Utah

Dear Mr. Gerbig:

Inland Production Company (Inland) has satisfactorily fulfilled all the Environmental Protection Agency's (EPA) **Prior to Commencing Injection** requirements in the March 27, 2003, Additional Well to the Beluga Area Permit, UT20798-00000. The Part I (Internal) Mechanical Integrity Test (MIT), dated April 29, 2003, was received by the EPA on May 5, 2003. The Part I MIT was reviewed and approved by the EPA on May 7, 2003.

The Well Rework Record (EPA Form No. 7520-12), and the Pore Pressure, were submitted to the EPA on May 5, 2003. Both Records were reviewed and approved by the EPA on May 7, 2003.

Inland, as of the date of this letter, is authorized to commence injection into the Beluga Federal No. 8-18-9-17. There will be no limitation on the number of barrels of water that will be injected into the Green River Formation interval 3508 feet to 5590 feet. Total depth of the Beluga Federal No. 8-18-9-17 is 5600 feet in the Douglas Creek Member. Until such time that the permittee demonstrates through a step-rate injectivity test (SRT) that the fracture gradient is other than 0.84 psi/ft, the Beluga Federal No. 8-18-9-17 shall be operated at a **maximum surface injection pressure no greater than 1600 psig.**

MAY 14 2003



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

Mr. Nathan Wisler
Technical Enforcement Program - UIC
U.S. EPA Region VIII: Mail Code 8ENF-T
999-18th Street - Suite 300
Denver, CO 80202-2466
Phone: 1.800.227-8917 (Ext. 6211)

Please be reminded that it is your responsibility to be aware of and to comply with all conditions of Permit UT20798-04480. If you have any questions in regard to the above action, please contact Dan Jackson at 1.800.227-8917 (Ext. 6137).

Sincerely,



Dan Jackson
Acting Director
Ground Water Program

cc: Mr. D. Floyd Wopsock
Chairman
Uintah & Ouray Business Committee
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, UT 84026

Ms. Elaine Willie
Environmental Director
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, UT 84026

Mr. Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency
P.O. Box 190
Fort Duchesne, UT 84026

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

Ms. Krisha Russell
Inland Production Company
Route 3 - Box 3630
Myton, UT 84502

Mr. Gil Hunt
Technical Services Manager
State of Utah Natural Resources
Division of Oil, Gas, and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84114-5801

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

Mr. Nathan Wiser, 8ENF-T

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
BELUGA

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

9. API Well No.
43-013-32052

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UT

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1799 FNL 799 FEL SE/NE Section 18, T9S R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input 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 Report of first injection
	<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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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.)*

The above referenced well was put on injection at 11:30 a.m. on 5/15/03.

RECEIVED
MAY 20 2003
DIV. OF OIL, GAS & MINING

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

Signed *Mandie Crozier* Title Regulatory Specialist Date 5/16/2003
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals

OIL WELL GAS WELL OTHER **Injection Well**

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NUMBER
**Rt. 3 Box 3630, Myton Utah 84052
435-646-3721**

4. LOCATION OF WELL
Footages **1799 FNL 799 FEL**
QQ. SEC. T. R. M **SE/NE Section 18, T9S R17E**

5. LEASE DESIGNATION AND SERIAL NO.
U-72106

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME
N/A

7. UNIT AGREEMENT NAME
BELUGA

8. WELL NAME and NUMBER
BELUGA 8-18-9-17

9. API NUMBER
43-013-32052

10. FIELD AND POOL OR WILDCAT
MONUMENT BUTTE

COUNTY **DUCHESNE**
STATE **UTAH**

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

NOTICE OF INTENT:
(Submit in Duplicate)

- ABANDON
- REPAIR CASING
- CHANGE OF PLANS
- CONVERT TO INJECTION
- FRACTURE TREAT OR ACIDIZE
- MULTIPLE COMPLETION
- OTHER _____
- NEW CONSTRUCTION
- PULL OR ALTER CASING
- RECOMPLETE
- REPERFORATE
- VENT OR FLARE
- WATER SHUT OFF

SUBSEQUENT REPORT OF:
(Submit Original Form Only)

- ABANDON*
- REPAIR CASING
- CHANGE OF PLANS
- CONVERT TO INJECTION
- FRACTURE TREAT OR ACIDIZE
- OTHER **Step Rate Test**
- NEW CONSTRUCTION
- PULL OR ALTER CASING
- RECOMPLETE
- REPERFORATE
- VENT OR FLARE

DATE WORK COMPLETED _____

Report results of Multiple Completion and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

A step rate test was conducted on the subject well on 10/9/03. Results from the test indicate that the fracture gradient is ~~1480~~ ¹⁵²⁵ psi/ft. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to ~~1480~~ ¹⁵²⁵ psi.

13. NAME & SIGNATURE *Michael Guinn* TITLE Vice President of Operations DATE 10/15/2003

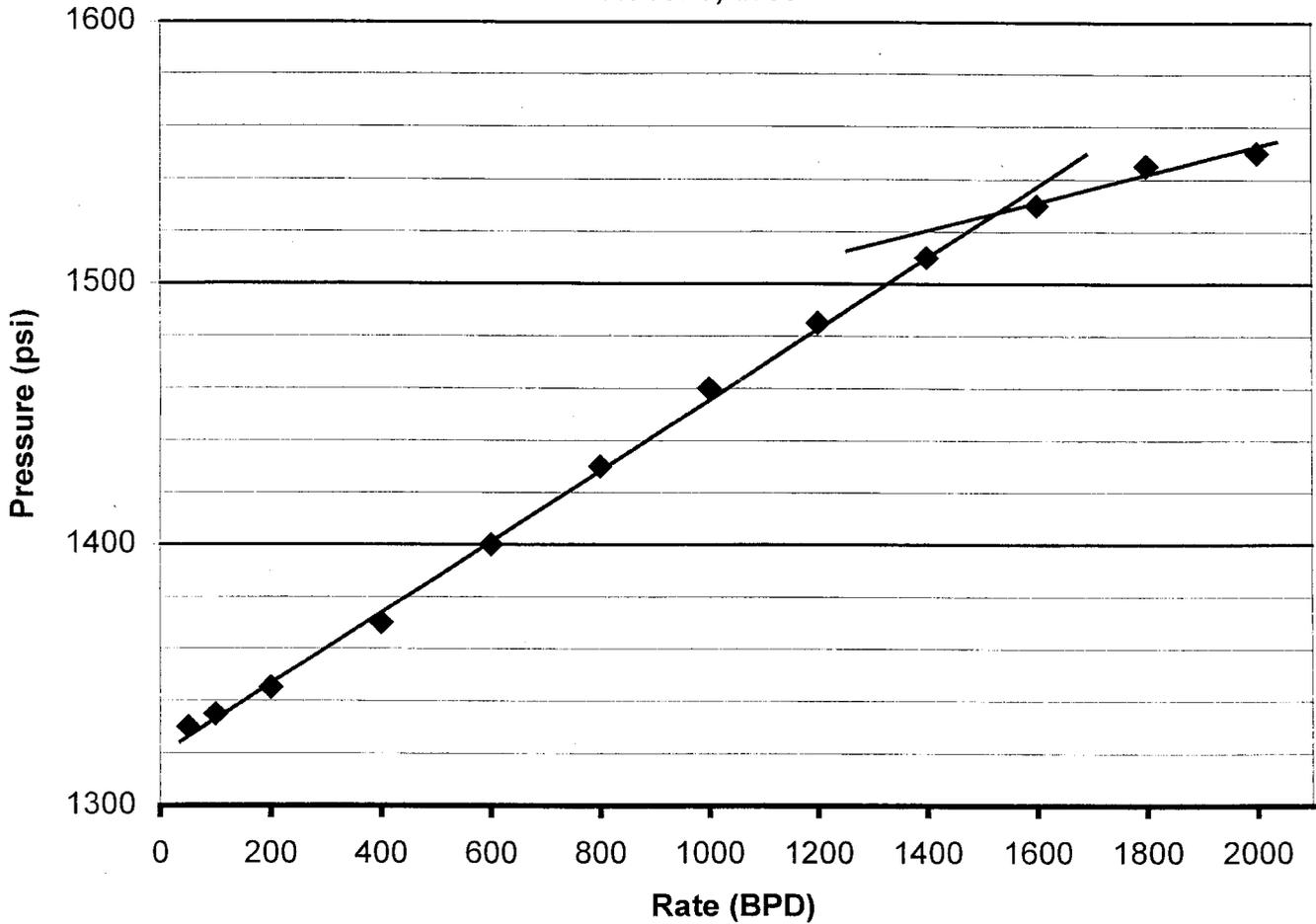
(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: 10-21-03
By: *[Signature]*

COPY SENT TO OPERATOR
Date: 10-30-03
Initials: CHS

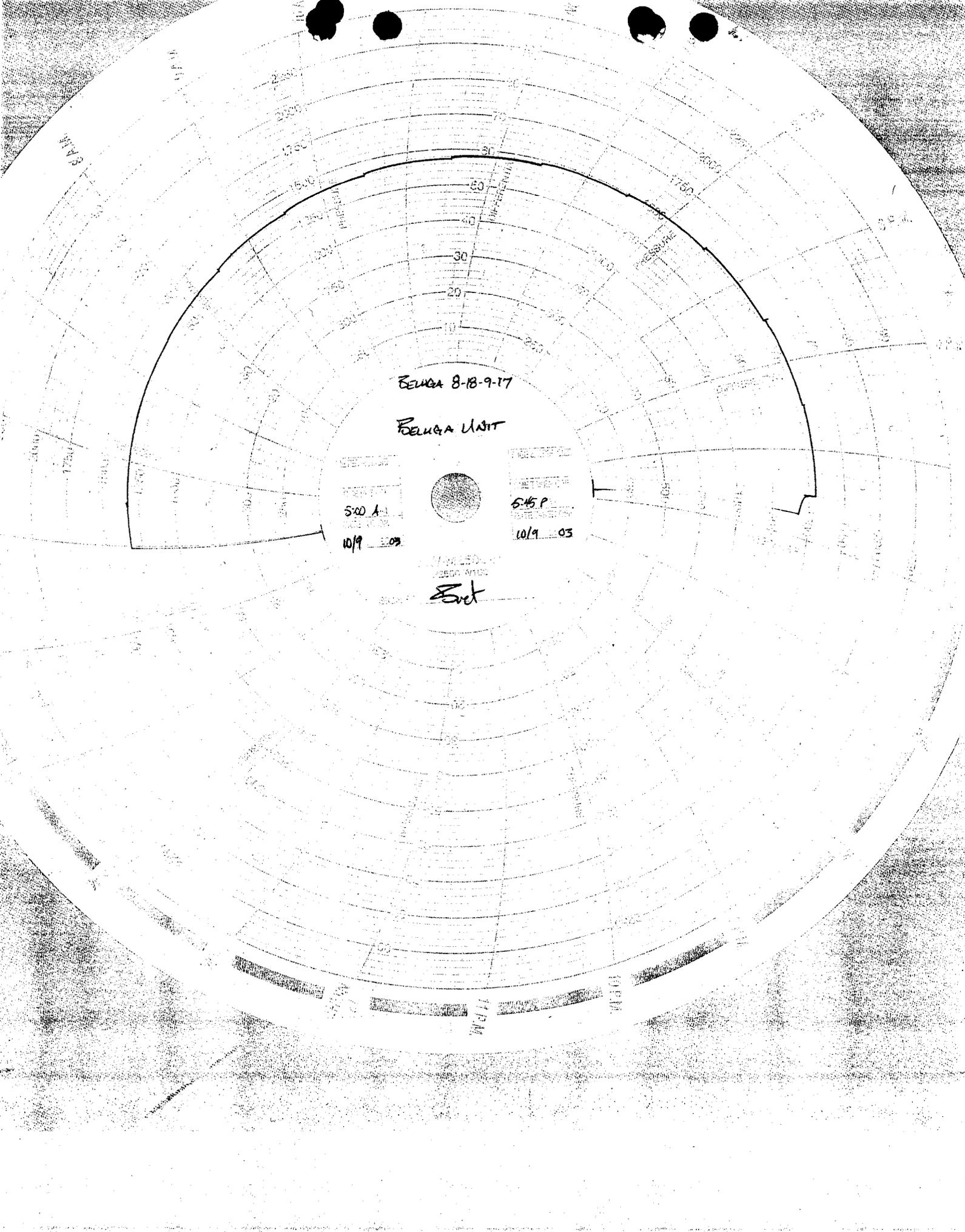
RECEIVED
OCT 20 2003
DIV. OF OIL, GAS & MINING

Beluga 8-18-9-17
 Beluga Unit
 Step Rate Test
 October 9, 2003



Start Pressure: 1330 psi
 Instantaneous Shut In Pressure (ISIP): 1480 psi
 Top Perforation: 3954 feet
 Fracture pressure (Pfp): 1525 psi
 FG: 0.821 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	50	1330
2	100	1335
3	200	1345
4	400	1370
5	600	1400
6	800	1430
7	1000	1460
8	1200	1485
9	1400	1510
10	1600	1530
11	1800	1545
12	2000	1550



BEUGA 8-18-9-17

BEUGA UNIT

5:00 A
10/9 03

5:45 P
10/9 03



Sect



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>

OCT 29 2003

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
Vice President of Operations
Inland Production Company
Route 3 - Box 3630
Myton, UT 84052

RE: UNDERGROUND INJECTION CONTROL (UIC)
APPROVAL TO DECREASE MAXIMUM
SURFACE INJECTION PRESSURE
EPA Permit No. UT20798-04480
Beluga No. 8-18-9-17
SE NE Sec. 18 - T9S - R17E
Duchesne County, Utah

Dear Mr. Guinn:

The Environmental Protection Agency (EPA) Beluga Area Permit UT20798-00000 (Effective October 25, 1996), Part II, Section C. 5. (b), permits the "Director" to authorize, by letter, a decrease in the maximum surface injection pressure (MIP) for the Beluga No. 8-18-9-17 following receipt and approval of a valid step-rate test (SRT).

On October 15, 2003, Inland Production Company (Inland) submitted an SRT, dated October 9, 2003, which was reviewed and approved by the EPA on October 21, 2003. However, the EPA calculated the fracture gradient (FG) to be 0.810 psi/ft for the Garden Gulch/Douglas Creek/Basal Carbonate Members of the Green River Formation injection interval.

As of the date of this letter, the EPA authorizes a decrease in the maximum surface injection pressure (MIP) from 1600 psig to 1480 psig.

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



Printed on Recycled Paper

FG = 0.810psi/ft
 D = 3954 feet: Top perforation
 SG = Specific gravity: 1.005

 MIP = $[(0.810) - (0.433)(1.005)] 3954$

MIP = 1480 psig

Please send all compliance correspondence relative to this well to the **ATTENTION: NATHAN WISER**, at the letterhead address, citing **MAIL CODE: 8ENF-T** very prominently. You may call Mr. Wisser at 303-312-6211, or 1-800-227-8917 (Ext. 6211).

Sincerely,

Carol L. Campbell for

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

cc: Ms. Maxine Natchees
 Chairwoman
 Uintah & Ouray Business Council
 Ute Indian Tribe
 P.O. Box 190
 Fort Duchesne, Ut 84026

Ms. Elaine Willie
 Environmental Coordinator
 Ute Indian Tribe
 P.O. Box 460
 Fort Duchesne, UT 84026

Mr. Chester Mills
 Superintendent
 Bureau of Indian Affairs
 Uintah & Ouray Indian Agency
 P.O. Box 130
 Fort Duchesne, UT 84026

Mr. David Gerbig
 Operations Engineer
 Inland Production Company
 410 Seventeenth Street - Suite 700
 Denver, CO 80202

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84111-00581

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
Vernal District
170 South 500 East
Vernal, UT 84078

Mr. Nathan Wiser
8ENF-T

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU75023X BELUGA

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
BELUGA UNIT

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

8. WELL NAME and NUMBER:
BELUGA 8-18-9-17

2. NAME OF OPERATOR:
Inland Production Company

9. API NUMBER:
4301332052

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

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1799 FNL 799 FEL COUNTY: Duchesne
OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: SE/NE, 18, T9S, R17E STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
	TYPE OF ACTION	TYPE OF ACTION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>11/14/2003</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 - Tubing Leak
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The subject well developed a leak in the tubing, subsequently the leak was repaired. On 11/10/03 Mr. Dan Jackson w/EPA was notified of the intent to conduct a MIT on the casing. On 11/12/03 the casing was pressured to 1315 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

NAME (PLEASE PRINT) Krishna Russell TITLE Production Clerk
SIGNATURE *Krishna Russell* DATE November 14, 2003

(This space for State use only)

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

JAN 12 2004

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

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

RE: AUTHORIZATION TO CONTINUE INJECTION
Beluga No. 8-18-9-17
EPA Well Permit ID: UT20798-04480
Duchesne County, Utah

Dear Mr. Guinn:

Thank you for submitting to the Region VIII Ground Water Program office, of the Environmental Protection Agency (EPA), the results from the November 21, 2003, Radioactivity Tracer Survey (RATS) used to demonstrate Part II (External) Mechanical Integrity (MI) test on the Beluga No. 8-18-9-17 Class II injection well. A limited injection period of up to thirty (30) days was authorized beginning November 15, 2003 to allow sufficient time to schedule and complete the required demonstration of Part II (External) Mechanical Integrity.

The results of the RATS were reviewed and approved on December 12, 2003, and the EPA has determined that the test adequately demonstrated Part II MI; that injected fluids will remain in the authorized injection interval. Therefore, the EPA hereby authorizes continued injection into the Beluga No. 8-18-9-17 under the terms and conditions of EPA Well Permit No. UT20798-04480.

The authorized maximum surface injection pressure (MIP) for the Beluga No. 8-18-9-17 will be **1480 psig**, i.e., the pressure at which the RATS was run. At an injection pressure of 1480 psig, Inland Production Company demonstrated that the injectate stayed "in zone".

RECEIVED

JAN 15 2004

DIV. OF OIL, GAS & MINING
Printed on Recycled Paper

You may apply for a higher maximum allowable injection pressure higher than 1480 psig at a later date. Your application should be accompanied by the interpreted results from a Step-Rate test (SRT) that measures the formation fracture pressure and the fracture gradient at this location. A current copy of EPA Guidelines for running and interpreting a SRT will be mailed upon request. Should the SRT result in approval of a higher maximum allowable injection pressure, a new Part II (External) Mechanical Integrity demonstration must be run to show that the injected fluids will remain in the authorized injection interval at the higher pressure. Please note that to use a pressure greater than the MAIP of 1480 psig during a Step-Rate Test you must first receive prior written authorization from the Director.

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

Mr. Nathan Wiser
Technical Enforcement Program - UIC
U.S. EPA Region VIII: Mail Code 8ENF-T
999 - 18th Street - Suite 300
Denver, CO 80202-2466.

Please be reminded that it is your responsibility to be aware of and to comply with all conditions of your Permit. If you have any questions regarding this approval, please call Dan Jackson, of my staff, at (800) 227-8917 (X6155). For questions regarding notification, testing, monitoring, reporting or other Permit requirements, Nathan Wiser of the UIC Technical Enforcement Program may be reached by calling (800) 227-8917 (X6211).

Sincerely,



Sandra A. Stavnes
Director
Ground Water Program

cc: Ms. Maxine Natchees
Chairwoman
Uintah & Ouray Business Committee
Ute Indian Tribe
Fort Duchesne, UT

Ms. Elaine Willie
Environmental Director
Ute Indian Tribe
Fort Duchesne, UT

Mr. Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency
Fort Duchesne, UT

David Gerbig
Operations Engineer
Inland Production Company
Denver, CO

Mr. Gil Hunt
State of Utah Natural Resources
Division of Oil, Gas, and Mining
Salt Lake City, UT

Mr. Jerry Kenczka
Bureau of Land Management
Vernal District
Vernal, UT

Mr. Nathan Wisser
8ENF-T



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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: <u>Inland Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: <u>(303) 893-0102</u>	Date: <u>9/15/2004</u>
Comments:	

NEW OPERATOR

Company: <u>Newfield Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone:	Date: <u>9/15/2004</u>
Comments:	

(This space for State use only)

Transfer approved by: *A. Hunt*
Title: *Tech. Services Manager*

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING

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

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 10 / 16 / 2008
 Test conducted by: Ted Whitehead
 Others present: _____

Well Name: <u>BF8-18-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SE NE</u> Sec: <u>18</u> T <u>9</u> N/S R <u>17</u> E/W County: <u>Duchenne</u> State: <u>UT</u>		
Operator: <u>Newfield EXPLORATION</u>		
Last MIT: _____ / _____ / _____		Maximum Allowable Pressure: _____ PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1140</u> psig	psig	psig
End of test pressure	<u>1140</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1140</u> psig	psig	psig
5 minutes	<u>1140</u> psig	psig	psig
10 minutes	<u>1140</u> psig	psig	psig
15 minutes	<u>1140</u> psig	psig	psig
20 minutes	<u>1140</u> psig	psig	psig
25 minutes	<u>1140</u> psig	psig	psig
30 minutes	<u>1140</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

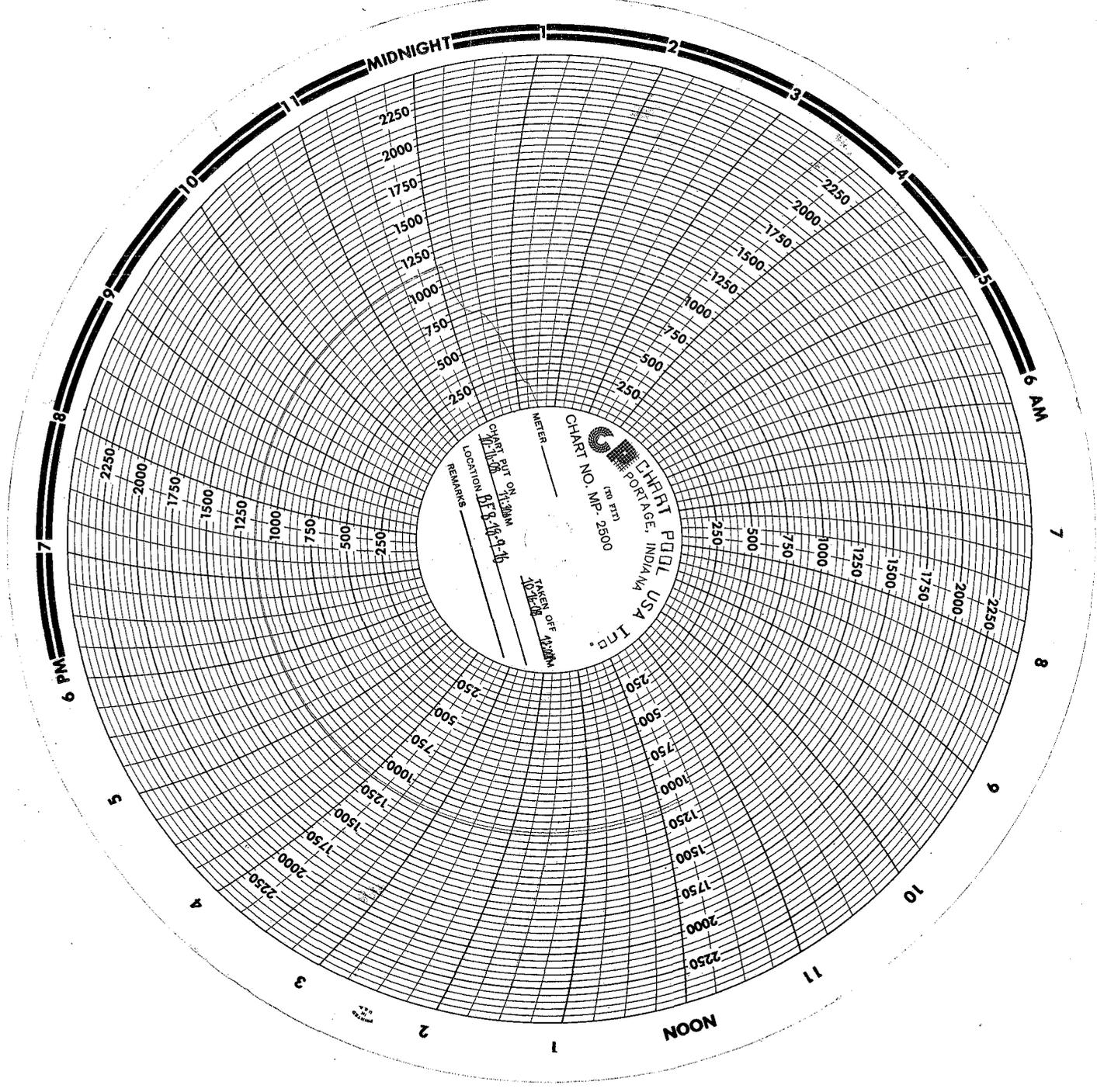


CHART NO. M.P. 2800
CHART PORTAGE USA INC.
INDIANA
METER _____
LOCATION _____
DATE _____
TIME _____
REMARKS _____

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
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: BELUGA 8-18-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1799 FNL 0799 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 18 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013320520000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/17/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START 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"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 09/17/2013 the casing was pressured up to 1230 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1468 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04480		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
		DATE 9/19/2013

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 24, 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: 9 / 17 / 2013
 Test conducted by: Shannon Lazenby
 Others present: _____

Well Name: <u>Beluga 8-18-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>monument suite</u>		
Location: <u>8-18-9-17</u> Sec: <u>18</u> T <u>95</u> N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Shannon Lazenby</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1500</u>	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 79 bpd

Pre-test casing/tubing annulus pressure: 0/1468 psig

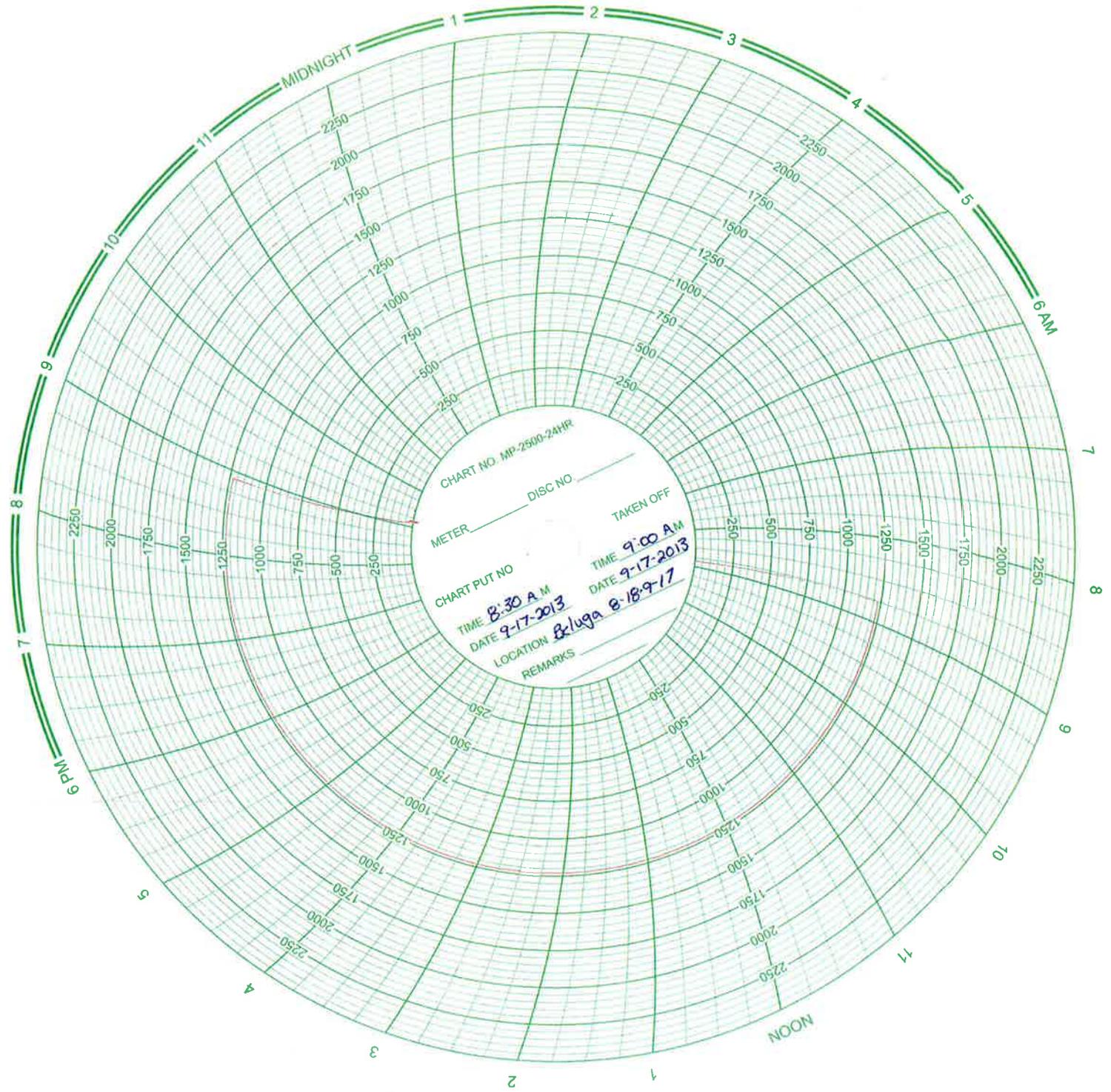
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1468</u> psig	psig	psig
End of test pressure	<u>1468</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1230</u> psig	psig	psig
5 minutes	<u>1230</u> psig	psig	psig
10 minutes	<u>1230</u> psig	psig	psig
15 minutes	<u>1230</u> psig	psig	psig
20 minutes	<u>1230</u> psig	psig	psig
25 minutes	<u>1230</u> psig	psig	psig
30 minutes	<u>1230</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: _____



Well Name: **Beluga 8-18-9-17**

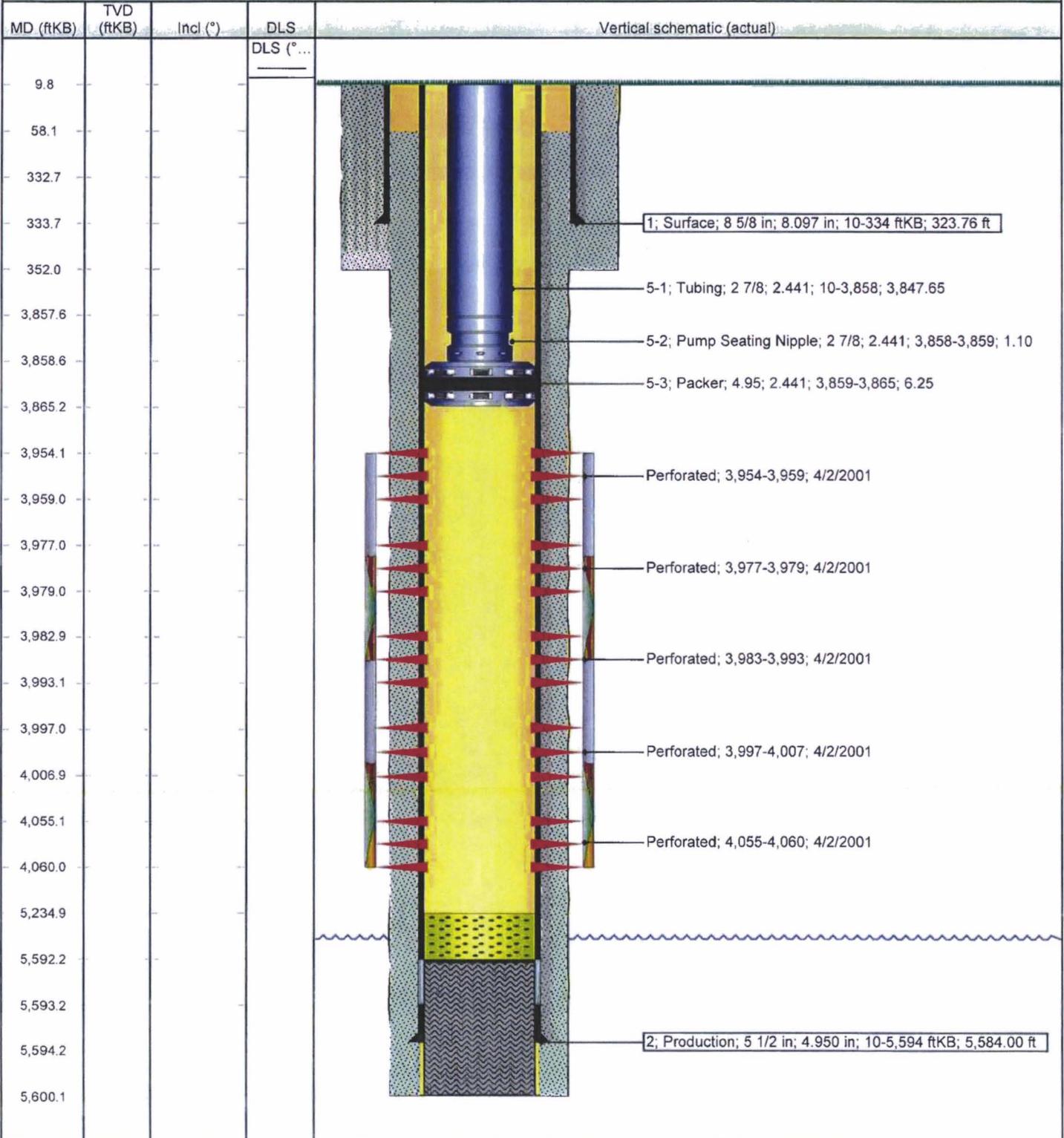
Surface Legal Location 18-9S-17E		API/UWI 43013320520000	Well RC 500151661	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 4/4/2001	Original KB Elevation (ft) 5,433	Ground Elevation (ft) 5,423	Total Depth All (TVD) (ftKB)	PBD (All) (ftKB) Original Hole - 5,592.2	

Most Recent Job

Job Category Production / Workover	Primary Job Type Acid Treatment	Secondary Job Type N/A	Job Start Date 7/28/2008	Job End Date 7/28/2008
---------------------------------------	------------------------------------	---------------------------	-----------------------------	---------------------------

TD: 5,600.0

Vertical - Original Hole, 7/7/2015 2:46:25 PM



NEWFIELD



Newfield Wellbore Diagram Data Beluga 8-18-9-17

Surface Legal Location 18-9S-17E		API/UWI 43013320520000		Lease	
County DUCHESNE		State/Province Utah		Basin	
Well Start Date 4/27/1998		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,433		Ground Elevation (ft) 5,423		Total Depth (ftKB) 5,600.0	
				Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB) Original Hole - 5,592.2	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	4/28/1998	8 5/8	8.097	24.00	J-55	334
Production	5/3/1998	5 1/2	4.950	15.50	J-55	5,594

Cement

String: Surface, 334ftKB 4/28/1998

Cementing Company Halliburton Energy Services		Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 352.0	Full Return?	Vol Cement Ret (bbi)
Fluid Description PREMIUM PLUS W/ 2% CACL2 (15.6 PPG 1.18 CF/SK YIELD)		Fluid Type Lead	Amount (sacks) 15	Class Premium Plus	Estimated Top (ftKB) 10.0
Fluid Description PREMIUM PLUS W/ 2% CACL2 + 1/2#/SK FLOCELE(15.6 PPG 1.18 CF/SK YIELD)		Fluid Type Tail	Amount (sacks) 140	Class Premium Plus	Estimated Top (ftKB) 30.0

String: Production, 5,594ftKB 5/3/1998

Cementing Company Halliburton Energy Services		Top Depth (ftKB) 58.0	Bottom Depth (ftKB) 5,600.0	Full Return?	Vol Cement Ret (bbi)
Fluid Description HIBOND 65 w/ 3% SALT, 0.3% EX-1, 10% GEL, 2% MICROBOND, 1#/SK GRANULITE, 3#/SK SILICA (11.0 PPG 1.59 CF/SK YIELD)		Fluid Type Lead	Amount (sacks) 285	Class HIBOND 65	Estimated Top (ftKB) 58.0
Fluid Description THIXOTROPIC + 10% CALSEAL (14.2 PPG 1.59 CF/SK YIELD)		Fluid Type Tail	Amount (sacks) 270	Class THIXOTROPIC	Estimated Top (ftKB) 2,800.0

Tubing Strings

Tubing Description Tubing		Run Date 7/28/2008		Set Depth (ftKB) 3,865.0				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	119	2 7/8	2.441	6.50	J-55	3,847.65	10.0	3,857.7
Pump Seating Nipple	1	2 7/8	2.441			1.10	3,857.7	3,858.8
Packer	1	4.95	2.441			6.25	3,858.8	3,865.0

Rod Strings

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

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill	5,235	5,592	6/6/2001	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
1	GB2/GB4/GB6, Original Hole	3,954	3,959	4	90		4/2/2001
1	GB2/GB4/GB6, Original Hole	3,977	3,979	4	90		4/2/2001
1	GB2/GB4/GB6, Original Hole	3,983	3,993	4	90		4/2/2001
1	GB2/GB4/GB6, Original Hole	3,997	4,007	4	90		4/2/2001
1	GB2/GB4/GB6, Original Hole	4,055	4,060	4	90		4/2/2001

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbi)	Total Slurry Vol (bbi)	Vol Recov (bbl)
1	1,650	0.845	30.0	1,911			
2	1,566						

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Bulk Sand 158760 lb
2		