

FILE NOTATIONS

Entered in MID File
Location Map Pinned
and Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

P.W.B.
8-6-75 *8-19-75*

COMPLETION DATA:

Well Completed *12-13-75*

Location Inspected

Bond released

State or Fee Land

..... NW..... TA.....
OW ✓ OS..... PA.....

LOGS FILED

Miller's Log.....
Electric Logs (No.) ✓.....
..... I..... Dual I Lat..... GR-N..... Micro.....
EC Sonic GR..... Lat..... M-L..... Sonic.....
CBLog..... CLog..... Others.....

8-8-75 Approval To Drill Terminated
8-19-75 Notice of Intent To Drill Be Filed
By Strach, Rogers & Dymond.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
U-3563

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-18

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 18, T9S-R17E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Saks Oil Company, c/o Minerals Management Inc.

3. ADDRESS OF OPERATOR
P. O. Box 2919, Casper, Wyoming, 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
NWNE, Sec. 18, T9S-R17E, 636' FNL, 2186' FEL
At proposed prod. zone
As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 15 miles from Myton, Utah

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

16. NO. OF ACRES IN LEASE
1308.92

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
5500' ±

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5414' G.L. (ungraded)

22. APPROX. DATE WORK WILL START*
As soon as possible

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	250' ✓	200 Feet ³ ✓
7-7/8"	5-1/2"	Various	T.D.	To be determined

We propose to drill to ±5500' for purposes of testing the Greenriver Formation for oil and/or gas. All significant shows will be tested and "E" logs will be run at total depth. If commercial quantities of oil and/or gas are apparent a completion will be attempted. If not the hole will be plugged in a prudent manner.

See attached 7-Point Statement.

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 James O'Coyle TITLE Agent DATE 7-30-74

(This space for Federal or State office use)

PERMIT NO. 43-013-30337 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

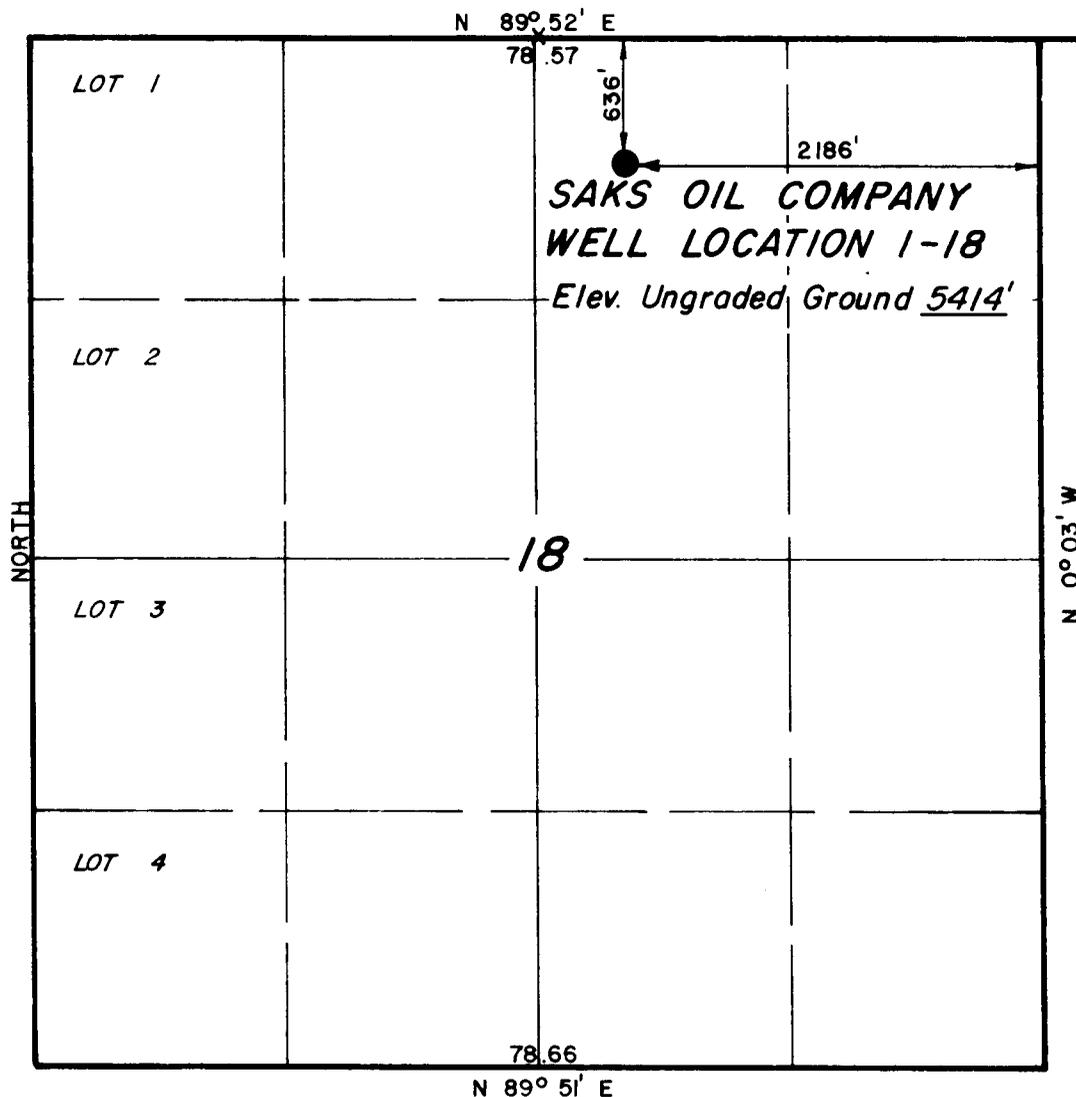
CONDITIONS OF APPROVAL, IF ANY:

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

PROJECT

MINERALS MANAGEMENT INC.

Well location, located as shown in the
NW 1/4 NE 1/4 Section 18, T9S, R17E,
S.L.B. & M. Duchesne County, Utah.



N 1/4 Corner Section 17
T9S, R17E, S.L.B. & M.



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.

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	7/26/74
PARTY	GS KS	REFERENCES	GLO PLAT
WEATHER	HOT	FILE	MINERALS MANAGEMENT INC.

X = Section corners located.

SAKS OIL COMPANY
FEDERAL #1-18
NWNE, Section 18, T9S-R17E
DUSHESNE COUNTY, UTAH

7-POINT STATEMENT

- I. Surface Casing
8-5/8"; new; 24 lb/foot; 8 Round; STC
To be set at 250'.
- II. Casing Head and Spool
10", 900 Series casing head threaded 8-5/8", 8 Round.
10", 900 Series spool.
- III. Intermediate Casing
None anticipated
- IV. Blowout Preventors ✓
10", 900 Series Double Gate with drill pipe and complete
shutoff rams (hydraulically operated). Choke manifold
with equivalent rating as B.O.P.
- V. Auxillary Equipment
Kelly cock, float, full opening floor valve with drill
pipe thread.
- VI. Maximum Anticipated Bottom Hole Pressure
2200 psi at total depth.

VII. Type Mud System

<u>Depth</u>	<u>Weight</u>	<u>Vis</u>	<u>Fluid Loss</u>	<u>Ph</u>
0'- 250'	Spud mud as required to set 8-5/8" casing			
250'-5000'	8.5	34	N/C	N/C
5000'-T.D.	8.9	36-38	12-15	9

SAKS OIL COMPANY
FEDERAL #1-18
NWNE, Section 18, T9S-R17E
DUCHESNE COUNTY, UTAH

12-POINT SURFACE USE PLAN

- ITEM I. Existing Roads and Location of Main Highway Exit
Exit U.S. Highway 40 ± 3 miles west of Myton, Utah. Then proceed ± 13.5 miles southwesterly to location.
- ITEM II. Planned Access Roads
Plan to use existing road to location per Item I. Approximately 1/4 mile will require blading.
- ITEM III. Location of Well
636' FNL, 2186' FEL, (NWNE), Section 18, T9S-R17E
- ITEM IV. Lateral Roads to Location
No lateral roads exist.
- ITEM V. Location of Tank Batteries and Flowlines
Tank battery will be constructed on drilling location as approved by all parties before installation. Flowlines, if any, will follow right-of-way approved by Bureau of Land Management at a later date.
- ITEM VI. Location and Type of Water Supply
Pleasant Valley Canal location ± 10 miles north of proposed location.
- ITEM VII. Waste Disposal
Adequate deep burn pits for ordinary combustible trash, including protected and enclosed sumps for oil and other toxic wastes if any. Burning of trash to be kept at a minimum.
- ITEM VIII. Location of Camps
None planned.
- ITEM IX. Location of Airstrips
None planned.
- ITEM X. Location and Rig Layout
This information will follow when contractor is obtained and specific rig information is available.
- ITEM XI. Surface Restoration
Location will be restored to original physical contour, re-planted and/or re-seeded to original type vegetation to prevent erosion.
- ITEM XII. Miscellaneous Information Pertinent to Environmental Impact
All areas of pits, sumps, and other excavations will be fenced and flagged during and after operations until such time as they can be backfilled, levelled and re-planted. Vehicular traffic will be restricted to approved access roads and used only when necessary.

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: SALT LAKE CITY
SERIAL NO.: U 3563

and hereby designates

NAME: SAKS OIL COMPANY
ADDRESS: P. O. Box 2875
Casper, Wyoming 82601

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

T. 9 S., R. 17 E., S. L. Meridian, Duchesne County, Utah
Section 7: SE $\frac{1}{4}$ NE $\frac{1}{4}$; E $\frac{1}{2}$ SW $\frac{1}{4}$; SE $\frac{1}{4}$
Section 17: N $\frac{1}{2}$; W $\frac{1}{2}$ SE $\frac{1}{4}$
Section 18: All

Containing a total of 1308.92 acres, more or less

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

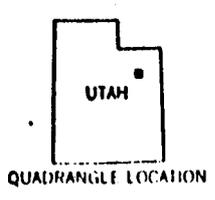
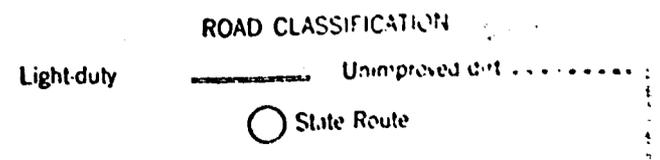
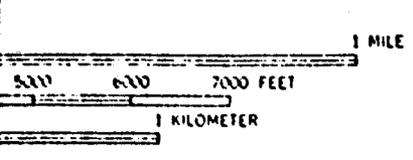
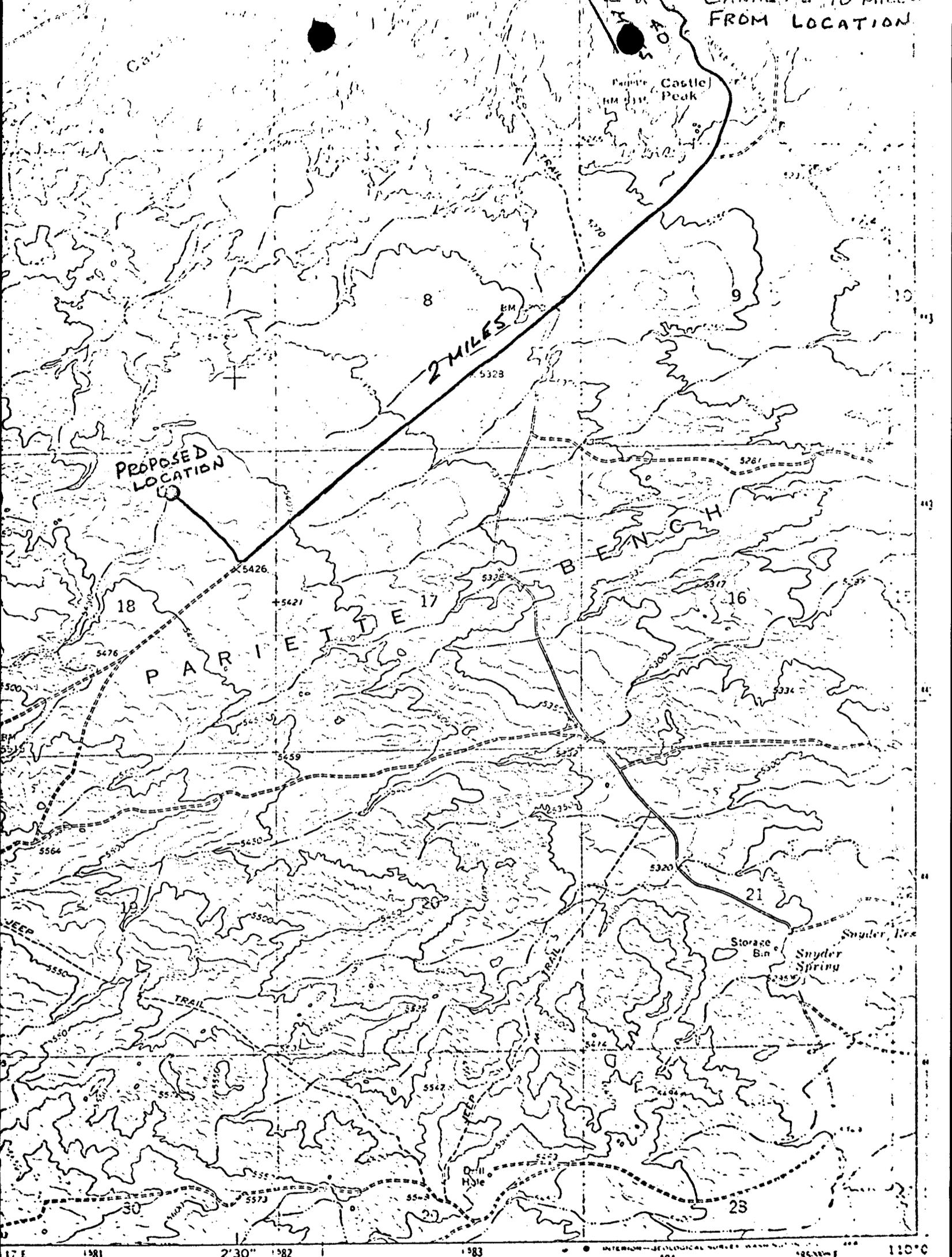
The lessee agrees promptly to notify the supervisor of any change in the designated operator.

MORRISON NUCLEAR INC.
Gordon Stalling
Gordon Stalling, PRESIDENT
(Signature of lessee)

July 22, 1974
(Date)

STE 1700 11 KING ST W
(Address)

TORONTO CANADA



MYTON SE, UTAH
N4000 - W11000

1964

August 6, 1974

Saks Oil Company
Box 2919
Casper, Wyoming 82601

Re: Well No. Federal #1-18
Sec. 18, T. 9 S, R. 17 E,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API number assigned to this well is 43-013-30332.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sw
cc: U.S. Geological Survey

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: Aug. 19-
 Operator: Stross, Roger & Raymond
 Well No: Federal 1-18
 Location: Sec. 18 T. 9S R. 17E County: Duchesne

File Prepared Entered on N.I.D.
 Card Indexed Completion Sheet

Checked By:

Administrative Assistant: AW

Remarks: Be Notice of Abandonment location

Petroleum Engineer/Mined Land Coordinator: ok to

Remarks:

Director: J

Remarks:

Include Within Approval Letter:

Bond Required Survey Plat Required
 Order No. _____ Blowout Prevention Equipment
 Rule C-3(c) Topographical exception/company owns or controls acreage
 within a 660' radius of proposed site
 O.K. Rule C-3 O.K. In _____ Unit
 Other:

Letter Written

November 15, 1974

Saks Oil Company
Box 2919
Casper, Wyoming 82601

Re: Well No. Federal 1-18
Sec. 18, T. 9 S, R. 17 E,
Duchesne County, Utah

Gentlemen:

Please advise this office as to the exact status of the above referred to well in order that we may keep our files accurate and complete.

Very truly yours,
DIVISION OF OIL & GAS CONSERVATION

SCHEREE WILCOX
EXECUTIVE SECRETARY

:SW

August 8, 1975

Saks Oil Company
Box 2919
Casper, Wyoming 82601

Re: Well No. Federal #1-18
Sec. 18, T. 9 S, R. 17 E,
Duchesne County, Utah

Gentlemen:

Upon checking our records it is noted that there has been no attempt to spud the above well for a period of one year. Therefore, the approval granted you on August 6, 1974, is hereby terminated.

If and when you decide to drill said well, it will be necessary for you to again obtain the approval of this Division.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:sw
cc: U.S. Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Stroock, Rogers and Dymond

3. ADDRESS OF OPERATOR
 P. O. Box 2875, Casper, Wyoming, 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 NWNE, Sec. 18, T9S-R17E, 636' FNL, 2186' FEL
 At proposed prod. zone
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 15 miles from Myton, Utah

5. LEASE ORIGINATOR AND SERIAL NO.
 U-3563

6. IF INDIAN, ALLIANCE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 1-18

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 18, T9S-R17E

12. COUNTY OR PARISH **13. STATE**
 Duchesne Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)
 1308.92

16. NO. OF ACRES IN LEASE
 1308.92

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 5500'±

19. PROPOSED DEPTH
 5500'±

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5414' G.L. (ungraded)

22. APPROX. DATE WORK WILL START*
 As soon as possible

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	250'+	200 feet ³
7-7/8"	5-1/2"	Various	5500'+	To be determined

Operator proposes to drill to 5500'± for purposes of testing the Greenriver Formation for oil and/or gas. All significant shows will be tested and "E" logs will be run at total depth. If commercial quantities of oil and/or gas are apparent a completion will be attempted. If not, the hole will be plugged in a prudent manner.

See attached 7-Point Statement.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 8-22-75

BY C. D. [Signature]

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 Partner DATE 8-8-75

(This space for Federal or State office use)
 PERMIT NO. 43-013-30532 APPROVAL DATE

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



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
8426 Federal Building
Salt Lake City, Utah 84138

August 20, 1975

0
46

Saks Oil Company
Box 2919
Casper, Wyoming 82601

Re: Application for Permit to Drill
Well No. Federal #1-18
NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18-9S-17E
Duchesne County, Utah
Lease U-3563

Gentlemen:

Our records indicate that there has been no action taken on the letter dated August 16, 1974 concerning the referenced Application for Permit to Drill (APD). Our records also indicate that Lease No. U-3563 was assigned to Thomas F. Stroock on July 1, 1975. We are therefore returning your APD unapproved and without prejudice.

If you have any further questions please contact this office.

Sincerely,

E. W. Guynn
District Engineer

✓cc: Utah State O & G Cons.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN REVERSE (Other instructions on reverse side)

LEASE DESIGNATION AND SERIAL NO.

U-3563

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-18

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 18, T9S-R17E

12. COUNTY OR PARISH 13. STATE

Duchesne Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL

DEEPEN

PLUG BACK

b. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

Stroock, Rogers and Dymond

3. ADDRESS OF OPERATOR

P. O. Box 2875, Casper, Wyoming, 82601

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

At surface

NWNE, Sec. 18, T9S-R17E, 636' FNL, 2186' FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 15 miles from Myton, Utah

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

16. NO. OF ACRES IN LEASE

1308.92

17. NO. OF ACRES ASSIGNED TO THIS WELL

15. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5500'±

20. ROTARY OR CABLE TOOLS

Rotary

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

5414' G.L. (ungraded)

22. APPROX. DATE WORK WILL START

As soon as possible

23.

PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 12-1/4" hole with 8-5/8" casing and 7-7/8" hole with 5-1/2" casing.

Operator proposes to drill to 5500'± for purposes of testing the Greenriver Formation for oil and/or gas. All significant shows will be tested and "E" logs will be run at total depth. If commercial quantities of oil and/or gas are apparent a completion will be attempted. If not, the hole will be plugged in a prudent manner.

See attached 7-Point Statement.

(Formerly Saks Oil loc)

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 Partner

DATE 8-8-75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

[Signature]

TITLE

DATE

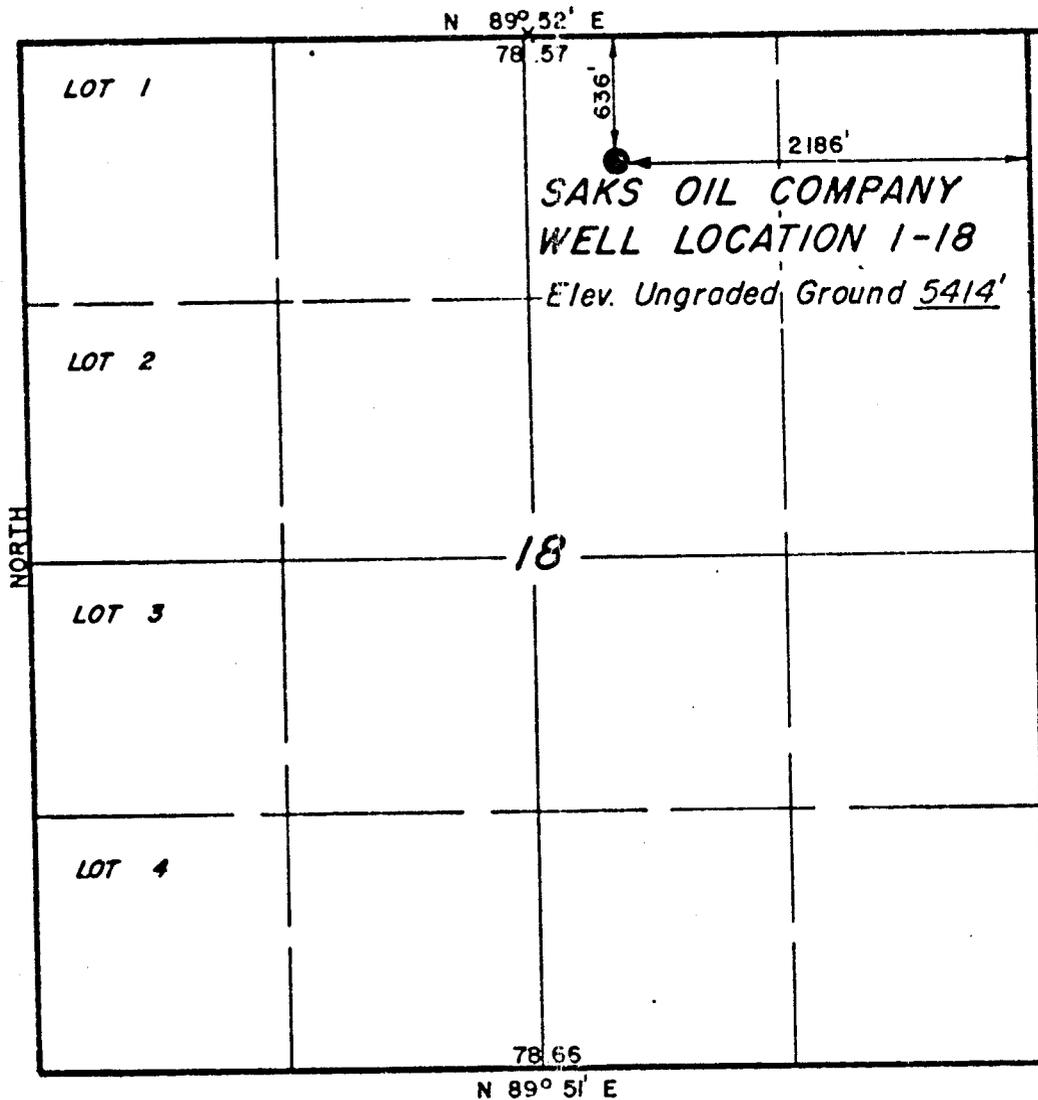
CONDITIONS OF APPROVAL, IF ANY:

Approval Notice: Utah State Oil & Gas

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

PROJECT
MINERALS MANAGEMENT INC.

Well location, located as shown in the
NW 1/4 NE 1/4 Section 18, T9S, R17E,
S.L.B. & M. Duchesne County, Utah.



N 1/4 Corner Section 17
T9S, R17E, S.L.B. & M.



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

Lane Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	7/26/74
PARTY	GS KS	REFERENCES	GLO PLAT
WEATHER	HOT	FILE	MINERALS MANAGEMENT INC

X = Section corners located.

U-3563

Well No. & Location

#1-18 NWNE 18 - T9s - R17E

Duchesne Co. Utah.

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-5

1. Proposed Action

Saks oil Company proposes to drill a wildcat oil and gas test well to the depth of about 5500 feet. Road improvements and location construction should consume no more than one week and should not involve any blasting. The drilling operation would commence about Sept 15, and should last no more than one month.

2. Location and Natural Setting (existing environmental situation)

The wellsite is in an area where there is a thin soil cover over rock.

The vegetation is sparse sagebrush w/ understory of native grasses.

The wildlife is the usual desert inhabitants with no known endangered species.

The surface is used primarily for winter sheep grazing.

Water for the well is to be obtained from the Pleasant Valley canal 10 miles north of the location.

There are no known historical sites that would be affected, and no evidence of archeological sites was noted.

The green river is approx 8 miles south west but no conflict with recreationists is expected.

Effects on Environment by Proposed Action (potential impact)

The drilling and completion of a dry hole or failure would have little long term effect on the environment.

Discovery of an oil or gas field would also have little effect in that the existing monument Butte field is 3 miles North.

Improvement of roads would benefit the grazing and recreation use of the land in that it would be more accessible.

There would be moderate scaring of the area which would require 5-10 years to obliterate naturally and 2-3 years if planted.

The drilling and associated traffic will add a minor amount of pollution to the now clean air as well as temporarily disturbing livestock and wildlife.

Discovery of an oil or gas deposit would help to alleviate the current energy problems. The roads and location construction will be conducted by a local company thus benefitting the local economy slightly. Also the drilling crews will likely reside in Roosevelt Utah.

4. Alternatives to the Proposed Action

Do not drill the well.

Denying the proposed permit and suggesting an alternate location where environmental damage would be lessened.

Such a location was found approx. 125' due west. location has been moved to this new location because of deep ~~draw~~ draw in area of original location.

Large Environmental Effects Which Cannot Be Avoided

Temporary disturbance of livestock
and wildlife.

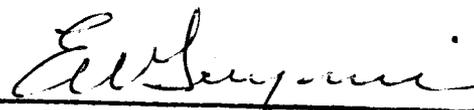
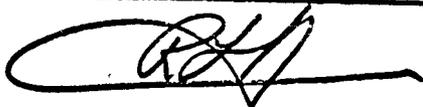
~~Temporary~~
Temporary mess due to drilling
activity for about one year and
requiring 2-10 years to obliterate
the scars.

Detraction from the aesthetics.

6. Determination

(This requested action ~~does~~ (does not) constitute
a major Federal action significantly affecting the
environment in the sense of NEPA, Section 102(2) (c)).

Date Inspected 8-16-74



Geological Survey
Gasper District Salt Lake City
Gasper, Wyoming District

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-3563

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

P

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

18-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 18-T9S-R17E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Stroock, Rogers & Dymond

3. ADDRESS OF OPERATOR

P. O. Box 2875, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface 636' FNL, 2186' FEL, NW NE, Sec. 18-T9S-R17E.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5415' G.L.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

Perforated 5424-5430', 5040-5050' with 1 shot per foot and 4998-5001' with 2 shots per foot. Set plug at 5435' and packer at 5349', loaded annulus, taking fluid at 1800 psi. Started acid down tubing. Broke formation down at 2400 psi, 2 BPM, 2 BPM at 1800 psi, and 6 BPM at 1800 psi. ISIP 1250 psi. Swabbed. Moved packer to 5025', spotted 500 gallons 15% HCL acid. Pressured to 450 psi, broke down formation at 2400 psi, 1 BPM. ISIP 1300 psi, 43 barrels load water, 15 min shut in 1300 psi. Swabbed. Treated perforated interval 5424-5430' as follows: 4,000 gallons gelled water, pad; 2,000 gallons gelled water containing 1/2#/gallon 20-40 sand; 4,000 gallons gelled water containing 1#/gallon 20-40 sand; 4,000 gallons gelled water containing 2#/gallon 20-40 sand; 1,000 gallons gelled water containing 2#/gallon 10-20 sand. Flushed with 2% KCL water. Treated perforations 5040-5050' and 4998-5001' as follows: Perforations 5040-5050': 4,000 gallons gelled water pad; 2,000 gallons gelled water containing 1/2#/gallon 20-40 sand; 4,000 gallons gelled water containing 1#/gallon 20-40 sand; 4,000 gallons gelled water containing 2#/gallon 20-40 sand; 1,000 gallons gelled water containing 2#/gallon 10-20 sand; flushed with 2% KCL water. Injected 10 RCN Balls. Treated with 300 gallons 15% N.E. Treated 4998-5001' as follows: 3,000 gallons gelled water, pad; 2,000 gallons gelled water containing 1/2#/gallon 20-40 sand; 3,000 gallons gelled water containing 1#/gallon 20-40 sand; 3,000 gallons gelled water containing 2#/gallon 20-40 sand; 1,000 gallons gelled water containing 2#/gallon 10-20 sand; flushed with 2% KCL water. Swab tested. All frac fluid contained a non-emulsifying agent. Well presently shut in waiting on installation of pumping equipment.

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

SIGNED

Harley Rogers

TITLE

Partner

DATE

November 20, 1975

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.5

PI 2

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

2. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. OTHER

3. NAME OF OPERATOR
Stroock, Rogers & Dymond

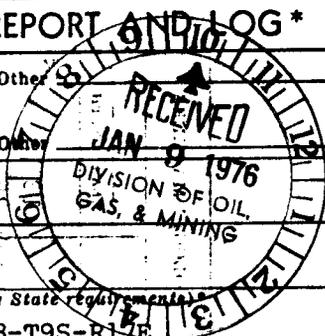
4. ADDRESS OF OPERATOR
P. O. Box 2875, Casper, Wyoming 82602

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 636 FNL, 2186' FEL, NW NE, Sec. 18-T9S-R17E

At top prod. interval reported below
Same

At total depth
Same

14. PERMIT NO. 43-013-30332 DATE ISSUED



6. LEASE DESIGNATION AND SERIAL NO.
U-3563

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

8. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME
Federal

10. WELL NO.
18-1

11. FIELD AND POOL, OR WILDCAT
Wildcat

12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 18-T9S-R17E

13. COUNTY OR PARISH
Duchesne

14. STATE
Utah

15. DATE SPUNDED 10-4-75 16. DATE T.D. REACHED 10-17-75 17. DATE COMPL. (Ready to prod.) 12-13-75 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 5426' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5445' 21. PLUG, BACK T.D., MD & TVD - 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY - ROTARY TOOLS All CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4998-5430', Douglas Creek

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
BHC Acoustilog, Dual Induction Focused Log

27. WAS WELL CORED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	279'	12-1/4"	225 Sx. Class G	
5-1/2"	15.5#	5489'	7-7/8"	465 Sx. 50-50 Pozmix	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	4974	

31. PERFORATION RECORD (Interval, size and number)

5424-5430 & 5040-5050' with 1 SPF
4998-5001' with 2 SPF with casing gun

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4998-5430'	42,000 gals. gelled water & 42,000# sand

33. PRODUCTION

DATE FIRST PRODUCTION 12-13-75 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" Insert Pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-23-75	24	-	→	20	8	0	400

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	-	→	20	8	0	38.9

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

TEST WITNESSED BY
Craig Wilcken

35. LIST OF ATTACHMENTS

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

SIGNED Stalley Dymond TITLE Partner DATE 1-5-76

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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	NEAR. DEPTH	TOP	TRUE VERT. DEPTH
					Green River	1399'		
					Evacuation Creek	2525'		
					Parachute Creek	3099'		
					Douglas Creek	4520'		
					Lower Douglas Creek	5145'		

38. 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

39. 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

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY
 WELL COMPLETION OR RECOMPLETION REPORT
 FORM 3 (Rev. 3-23) 871-233

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

6. LEASE DESIGNATION AND SERIAL NO.
U-3563

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
18-1

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLE. AND
SURVEY OR AREA
Sec. 18-T9S-R17E

12. COUNTY OR PARISH | 13. STATE
Duchesne | Utah

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.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR Stroock, Rogers & Dymond
c/o Minerals Management Inc.

3. ADDRESS OF OPERATOR P. O. Box 3440
Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface 636 FNL, 2186' FEL, NW NE, Sec. 18-T9S-R17E

14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, OR, etc.)
| 5426' K.B.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

FULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(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.)*

Perforated interval 4714-20'; 4633-38'; 4544-49'. Each interval with 5 holes using a casing gun. Broke down each interval with 500 gallons of acid.

Fraced total perforations with 30,000 gallons MY-T-FRAC, 25,000# 20/40 sand and 10,000# 10/20 sand. ISI 1900#, in 15 minutes 1850#. Average rate 35 BPM, average pressure 2500#, maximum pressure 2800#.

Ran tubing and put well back on pump.

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

SIGNED Bill Reese
Bill Reese

Production Manager
Minerals Management Inc. DATE 3-17-76

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U-3563

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

18-1

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 18-T9S-R17E

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR Stroock, Rogers & Dymond
c/o Minerals Management Inc.

3. ADDRESS OF OPERATOR P. O. Box 3440
Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface 636 FNL, 2186' FEL, NW NE, Sec. 18-T9S-R17E

14. PERMIT NO.

15. ELEVATIONS (Show whether DP, RT, OR, etc.)

5426' K.B.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

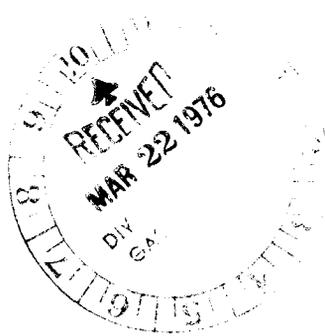
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

Perforated interval 4714-20'; 4633-38'; 4544-49'. Each interval with 5 holes using a casing gun. Broke down each interval with 500 gallons of acid.

Fraced total perforations with 30,000 gallons MY-T-FRAC, 25,000# 20/40 sand and 10,000# 10/20 sand. ISI 1900#, in 15 minutes 1850#. Average rate 35 BPM, average pressure 2500#, maximum pressure 2800#.

Ran tubing and put well back on pump.



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

SIGNED

Bill Reese
Bill Reese

TITLE

Production Manager

Minerals Management Inc.

DATE

3-17-76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved. Budget Bureau No. 42-R355.5.

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U-3563

9. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

18-1

10. FIELD AND POOL, OR WILDCAT OR AREA

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 18-T9S-R17E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION: RECOMPLETION
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other ADDITIONAL PERFS. _____

2. NAME OF OPERATOR Stroock, Rogers & Dymond
c/o Minerals Management Inc.

3. ADDRESS OF OPERATOR P. O. Box 3440
Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements)

At surface 636 FNL, 2186' FEL, NW NE, Sec. 18-T9S-R17E

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. DATE ISSUED

43-013-90332

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, CR, ETC.)* 19. ELEV. CASINGHEAD

Recomp. 3-8-76

5426' KB

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

5445'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

ADDITIONAL INTERVALS - ORIGINAL INTERVALS STILL OPEN
4544-4720' Douglas Creek

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

SEE COMPLETION REPORT DATED 1-5-76

27. WAS WELL CORED

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

ADDITIONAL PERFORATIONS:
4714-20', 4633-38', 4544-49', each interval 5 holes using a casing gun.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4544-4720'	30,000 gals MY-T-Frac, 25,000# 20/40 and 10,000# 10/20 sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
	Pumping						
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-16-76	24			59	8	6	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			59	8	6	38.9	

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

Used for fuel

TEST WITNESSED BY

Craig Wilckens

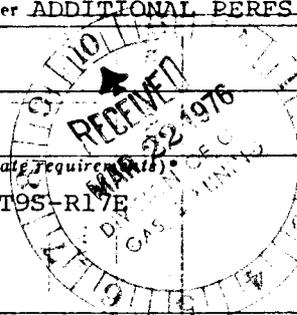
35. LIST OF ATTACHMENTS

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

Production Manager

SIGNED Bill Reese TITLE Minerals Management Inc. DATE 3-17-76
Bill Reese

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



GEOLOGICAL SURVEY

Federal 1-18

July-Remarks:

Pulled rods and tubing. Circulated and cleaned hole out to 5303' with bit and scraper. Recovered fish at 5303' and pulled same out of the hole. Ran packer and pressure tested casing to a depth of 4000' with 2000 psi. Tested okay. Perforated casing at 3422' with 2 holes. Set bridge plug at 3524' and packer at 3272'. Squeezed perforations at 3422' with 100 sacks class "II" cement with .5% CFR2 and 10% salt.

RECEIVED

DEC 08 1953

DIVISION OF
OIL, GAS & MINING

August-Remarks:

Drilled out cement and pressure tested perforations at 3422'. Tested okay. Acidized perforations 5424' to 5430' with 300 gallons of 15% HCL acid. Acidized perforations 4998' to 5001' and 5040' to 5050 with 630 gallons of 15% acid and 500' of Westblock IIX. Acidized perforations 4544' to 4549', 4633' to 4638' and 4714' to 4720' with 800 gallons of 15% HCL acid and 15 RCF ball sealers. Acidized perforations 4444' to 4456 with 600 gallons of 15% HCL acid and 12 RCF ball sealers. Ran rods and tubing and placed well on the pump. 8-08-80

RECEIVED

DEC 08 1980

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U3563
Communitization Agreement No. NA
Field Name Wildcat
Unit Name NA
Participating Area NA
County Duchesne State Utah
Operator Paiute Oil & Mining Corporation
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of August, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-18	NW 1/4 of NE 1/4 Sec 18	9S	17E	POW	27	121.7	475.2	496.7	See attachment sheet.

RECEIVED
DEC 04 1980
DIVISION OF
OIL, GAS & MINING

Present operation: Pump testing.

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	<u>224.1</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Produced	<u>121.7</u>	<u>475.2</u>	<u>load water 496.7</u>
*Sold	<u>214.2</u>	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Spilled or Lost	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Flared or Vented	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Used on Lease	<u>None</u>	<u>475.2</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Injected	<u>None</u>	<u>None</u>	<u>None</u>
*Surface Pits	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>90.0</u>
*Other (Identify) into frac tank	<u>None</u>	<u>None</u>	<u>406.7</u>
*On hand, End of Month	<u>131.6</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*API Gravity/BTU Content	<u>31.5</u>		<u>XXXXXXXXXXXXXXXXXXXX</u>

Authorized Signature: Claude N. Bard Address: Box 689 Roosevelt, Utah
Title: Production Manager Page 1 of 2 81066

September-Remarks:

Pump test showed formation water. Shut well down and waited on rig to find water zone.

RECEIVED

DEC 09 1961

DEPT. OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U356
 Communitization Agreement No. NA
 Field Name Wildcat
 Unit Name NA
 Participating Area NA
 County Duchesne State Utah
 Operator Paute Oil & Mining Corporation
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-18	NW 1/4 of NE 1/4 Sec 18	9S	17E	POW	11	38.2	237.6	181.8	See attachment sheet.

RECEIVED
 DEC 03 1980
 DIVISION OF
 OIL, GAS & MINING

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	<u>131.6</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Produced	<u>38.2</u>	<u>237.6</u>	<u>181.8</u>
*Sold	<u>None</u>	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Spilled or Lost	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Flared or Vented	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Used on Lease	<u>None</u>	<u>237.6</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Injected	<u>None</u>	<u>None</u>	<u>None</u>
*Surface Pits	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>None</u>
*Other (Identify) frac tank	<u>None</u>	<u>None</u>	<u>181.8</u>
*On hand, End of Month	<u>169.8</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*API Gravity/BTU Content	<u>31.5</u>	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>

Authorized Signature: Claude N Bard Address: Box 689 Roosevelt, Utah
 Title: Production Manager Page 1 of 2 84066

October-Remarks:

Laid down rods. Pulled tubing and ran bridge plug and packer. Swab tested perforations at 4444' to 4456' and recovered 90% water. Swab tested perforations 4633' to 4638', recovered 80% oil. Squeezed perforations at 4444' to 4456' with 100 sacks of class "G" cement. Drilled out cement and pressure tested squeeze job. Tested okay. Perforated 2 new zones, 3718' to 3726' with 800 gallons of 15% HCL Acid. Acidized perforations 3418' to 3428' at 1000 gallons of 15% HCL Acid. Swab tested perforations 3418' to 3428', recovered all water at a rate of 30 Bbls per hour. Swab tested perforations 3718' to 3726' and recovered all water with a trace of oil. Squeezed perforations 3718' to 3726' with 250 sacks of Class "G" cement. Squeezed perforations 3418' to 3428' with 250 sacks of class "G" cement.

RECEIVED

DEC 03 1955

BUREAU OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 1003
Communitization Agreement No. NA
Field Name Wildcat
Unit Name NA
Participating Area NA
County Duchesne State Utah
Operator Paiute Oil & Mining Corporation
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-18	NW 1/4 of NE 1/4 Sec 18	9S	17E	POW	None	None	None	None	See attachment sheet. Present operations: Preparing to drill cement.

RECEIVED
DEC 08 1980
DIVISION OF
OIL, GAS & MINING

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	169.8	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	169.8	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Claude N. Bart Address: Box 689 Roosevelt, Utah
Title: Production Manager Page 1 of 2 84066

Item #30
Tubing Record

Size	Depth Set (MD)	Packer Set (MD)
2 1/16"	5434	3989 Dual string packer
1"	3989	Gas string
1 1/4"	3976	Heat string

Item #31
Perforation Record (Interval, size and number)

3422 - 2 holes .44"
3718 - 3726 1 hole p/ft.
3418 - 3428 1 hole p/ft.

Item #32
Acid, Shot, Fracture, Cement Squeeze, Etc.

Depth Interval (MD)	Amount and kind of material used
3422	Squeezed with 100 sacks of Class "H" cement to 2500 psi.
5424 to 5430	Acidized with 300 gallons of 15% HCL
4998 to 5001 5040 to 5050	Acidized with 630 gallons of 15% HCL and 500# Westblock III X
4544 to 4549 4633 to 4638 4714 to 4720	Acidized with 800 gallons of 15% HCL acid
4444 to 4456	Acidized with 600 gallons of 15% HCL acid
4444 to 4456	Squeezed with 100 sacks of Class "G" cement to 3500 psi.
3718 to 3726	Acidized with 800 gallons of 15% HCL acid
3418 to 3428	Acidized with 1,000 gallons of 15% HCL acid
3718 to 3726	Squeezed with 250 sacks of Class "G" cement to 2,000 psi.
3418 to 3428	Squeezed with 250 sacks of Class "G" cement to 2,500 psi.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Paiute Oil & Mining Corporation (formerly Stroock Rogers, Dymond)

3. ADDRESS OF OPERATOR
P.O. Box 1329 Park City, Utah 84060

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **639' FNL 2186' FEL Sec. 18, Twp. 9S, Rge. 17E**
At top prod. interval reported below
At total depth

14. PERMIT NO. **43-013 30332** DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
U - 3563

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-

7. UNIT AGREEMENT NAME
-

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-18

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA
**Sec. 18
Twp. 9S
Rge. 17E**

12. COUNTY OR PARISH **Duchesne** 18. STATE **Utah**

15. DATE SPUNDED **Rework** 16. DATE T.D. REACHED _____ 17. DATE COMPL. (Ready to prod.) _____ 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* _____ 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD _____ 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* _____ 25. WAS DIRECTIONAL SURVEY MADE _____

26. TYPE ELECTRIC AND OTHER LOGS RUN _____ 27. WAS WELL CORED _____

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
see	attachment.	

31. PERFORATION RECORD (Interval, size and number)
Please see the attached sheet.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See	attachment.

APR 6 1981

33.* PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____

WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST	HOURS TESTED	CHOKE 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.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS _____

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

SIGNED **E. Land** TITLE **Production Manager** DATE **3-28-81**

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

GAVILAN PETROLEUM, INC.

4885 South 900 East, Suite 305
Salt Lake City, Utah 84117
(801) 263-8685

RECEIVED

AUG 7 1987

**DIVISION OF OIL
GAS & MINING**

August 6, 1987

Division of Oil and Gas Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180

Re: Sundry Notice
U-7978
U-3563
North Duchesne 1-7

Gentlemen:

Enclosed please find three copies of a Sundry Notice to the North Duchesne 1-7 and a copy for the Pomco #4, Pomco #5 and Pomco-Federal 1-18 noticing a change of operator to Gavilan Petroleum, Inc.

Please have these Sundry Notices approved and forward an approved copy to Gavilan's Salt Lake City address. Please do not hesitate to contact me should you have any questions regarding this matter.

Sincerely,


Jay Mealey

JM/js

Enclosures

OPERATIONS OFFICE

Ashton Energy Center

1680 West Highway #40 Suite 1230 / Vernal, Utah 84078 / (801) 789-4666

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-3563 POW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

081104

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

POMCO-Federal 1-18

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 18 - T9SR17E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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.)

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

GAVILAN PETROLEUM, INC.

3. ADDRESS OF OPERATOR

1680 W. Hwy #40, Suite 1230, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

NW 1/4 NE 1/4

14. PERMIT NO.

43-013-30330

15. ELEVATIONS (Show whether DP, RT, GR, etc.)

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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).*

This is to advise that Gavilan Petroleum, Inc. will be the new operator of this well.

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

SIGNED

[Signature]

Agent for Gavilan Petroleum, Inc.

TITLE

DATE

7/27/87

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED

AUG 7 1987

*See Instructions on Reverse Side



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

RECEIVED

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

FEB 04 1994

DIVISION OF
OIL, GAS & MINING

February 3, 1994

-- VIA FAX and FEDERAL EXPRESS --

Lisha Cordova
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Lisha:

I am FAXing and sending by Federal Express sundry notices requesting a Change of Operator from Gavilan Petroleum Inc. to Equitable Resources Energy Company, Balcron Oil Division for the following wells:

Pomco #2
NW SE Section 18, T9S, R17E
Duchesne County, Utah

Federal #1-18
NW NE Section 18, T9S, R17E
Duchesne County, Utah

This is effective February 1, 1994. If you need additional information or have any questions, please give me a call.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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.

<p>1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER:</p> <p>2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division</p> <p>3. Address and Telephone Number: P.O. Box 21017; Billings, MT 59104 (406) 259-7860</p> <p>4. Location of Well Footages: 1980' FSL, 1980' FEL CO, Sec., T., R., M.: NW SE Section 18, T9S, R17E</p>	<p>5. Lease Designation and Serial Number: Federal # U-3563</p> <p>6. If Indian, Allottee or Tribe Name: n/a</p> <p>7. Unit Agreement Name: n/a</p> <p>8. Well Name and Number: Pomco #2</p> <p>9. API Well Number: 4325-013-30505</p> <p>10. Field and Pool, or Wildcat: Monument Butte/Green River</p> <p>County: Duchesne State: UTAH</p>
---	--

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)																										
<table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other _____</td> </tr> </table> <p>Approximate date work will start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>change of Operator</u></td> </tr> </table> <p>Date of work completion _____</p> <p><small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small></p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>change of Operator</u>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
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<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											
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<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>change of Operator</u>																											

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 depths for all markers and zones pertinent to this work.)

Effective February 1, 1994, the operator of this well will be:

Equitable Resources Energy Company, Balcron Oil Division
P.O. Box 21017
Billings, MT 59104
(406) 259-7860

Operations will be taken over from: Gavilan Petroleum Inc.
215 South State, Suite 550
Salt Lake City, UT 84111
(801) 537-5605

RECEIVED

FFR N A 1994

**DIVISION OF
OIL, GAS & MINING**

<p>13. Name & Signature: <u>Bobbie Schuman</u> Bobbie Schuman</p>	<p>Coordinator of Environmental and Regulatory Affairs Title: _____ Date: <u>2-3-94</u></p>
---	---

(This space for State use only)

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 to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

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

NW SE Section 18, T9S, R17E
1980' FSL, 1980' FEL

5. Lease Designation and Serial No.

U-3563

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Pomco #2

9. API Well No.

43-013-30505

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" 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>Change of Operator</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.)*

Effective February 1, 1994, the operator of this well will be:

Equitable Resources Energy Company, Balcron Oil Division
P.O. Box 21017
Billings, MT 59104
(406) 259-7860

Operations will be taken over from: Gavilan Petroleum Inc.
215 South State, Suite 550
Salt Lake City, UT 84111
(801) 537-5605

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

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

Signed

Nobbie Schuman

Title

Coordinator of Environmental
and Regulatory Affairs

Date

February 3, 1994

(This space for Bureau of State Office use)

Approved by

IS HOWARD B. CLEAVINGER II

ASSISTANT DISTRICT
MANAGER MINERALS

Date

FEB 17 1994

Conditions of approval, if any:

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- VLC 7-SJ	✓
2- DTSS8-FILE	✓
3- VLC	✓
4- RTE	✓
5- VCC	✓
6- PL	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 2-01-94)

TO (new operator)	<u>EQUITABLE/BALCRON</u>	FROM (former operator)	<u>GAVILAN PETROLEUM INC</u>
(address)	<u>PO BOX 21017</u>	(address)	<u>215 S ST STE 550</u>
	<u>BILLINGS MT 59104</u>		<u>SALT LAKE CITY UT 84111</u>
	<u>BOBBIE SCHUMAN</u>		
phone	<u>(406) 259-7860</u>	phone	<u>(801) 537-5605</u>
account no.	<u>N 9890</u>	account no.	<u>N 2275</u>

Well(s) (attach additional page if needed):

Name:	<u>POMCO #2/GR-WS</u>	API:	<u>43-013-30505</u>	Entity:	<u>8101</u>	Sec	<u>18</u>	Twp	<u>9S</u>	Rng	<u>17E</u>	Lease Type:	<u>U-3563</u>
Name:	<u>FEDERAL 1-18/DGCRK</u> X	API:	<u>43-013-30332</u>	Entity:	<u>8100</u>	Sec	<u>18</u>	Twp	<u>9S</u>	Rng	<u>17E</u>	Lease Type:	<u>U-3563</u>
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease Type:	_____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Ref. 2-23-94) (Ref. 3-2-94)
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Ref. 2-3-94)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (2-25-94)
- See 6. Cardex file has been updated for each well listed above. (2-25-94)
- See 7. Well file labels have been updated for each well listed above. (2-25-94)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (2-25-94)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

1. All attachments to this form have been microfilmed. Date: March 7 1994.

FILING

- Yes 1. Copies of all attachments to this form have been filed in each well file.
- Yes 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940225 Bba/Vernal Approved 2-17-94.

940303 Steve/Bavilan "mailing sundries of chg. ASAP" (ok to chg.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-3563

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

POMCO- Federal 1-18

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 18 - T9S, R17E

12. COUNTY OR PARISH 13. STATE

Duchesne Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
GAVILAN PETROLEUM, INC.

3. ADDRESS OF OPERATOR
215 SOUTH STATE, SUITE 550, SALT LAKE CITY, UT 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

NW/4 NE/4

14. PERMIT NO.
API # 43-013-30332

15. ELEVATIONS (Show whether DF, ST, GR, etc.)

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"/>	CHANGE PLANE <input type="checkbox"/>
(Other) <input type="checkbox"/>	<input checked="" type="checkbox"/>

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(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.)*

This is to advise that Gavilan Petroleum, Inc. has sold its interest in this well and that the purchaser will be the new operator:

Equitable Resources Energy Company
Balcron Oil Division
P O Box 21017
Billings, MT 59104

Effective date of sale was 02/01/94.

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

SIGNED Stephen Burton TITLE Agent, Gavilan Petroleum DATE 03/03/94

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

R E C E I V E D
JAN 12 1995

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.

5. Lease Designation and Serial Number:

U-3563

6. If Indian, Allottee or Tribe Name:

n/a

7. Tract Agreement Name:

n/a

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:

Federal #1-18

2. Name of Operator:

Equitable Resources Energy Company, Balcron Oil Division

9. API Well Number:

43-013-30332

3. Address and Telephone Number:

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

10. Field and Pool, or Wildcat:

Monument Butte/Green River

4. Location of Well

Footages: 636' FNL, 2186' FEL

County: Duchesne

QQ, Sec., T., R., M.: NW NE Section 18, T9S, R17E

State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions 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 depths for all markers and zones pertinent to this work.)

STATUS: SI

This well remains SI to evaluate for putting on production.

13.

Name & Signature:

Bobbie Schuman
Bobbie Schuman

Title:

Regulatory and Environmental Specialist Date: 1/10/95

(This space for State use only)

OPERATOR EQUITABLE RESOURCES ENERGY
 ADDRESS BALCRON OIL DIVISION

OPERATOR ACCT. NO. 19890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		11880				9S	17E		DUCHESNE		
WELL 1 COMMENTS: *BELUGA UNIT EFF 2-1-96 (SEE ATTACHED LIST OF WELLS BEING CHANGED FROM CURRENT ENTITY TO NEW UNIT ENTITY 11880).											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

2-22-96

Title

Date

Phone No. ()

**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860★FAX TRANSMITTAL★FAX NO.: (406) 245-1365

TO: NAME: Leesha
COMPANY: Utah, Division of Oil, Gas, & Mining
DATE: 02-21-96
FAX #:

FROM: Molly Conrad
Equitable Resources Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
Phone: (406) 259-7860 ext 236

TOTAL # OF PAGES 2
(including this cover sheet)

If you do not receive all pages, please call back as soon as possible at (406) 259-7860.

TELECOMMUNICATOR: mmc

SPECIAL INSTRUCTIONS:

Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.

Thanks for your help!!

NOTE: The information contained in this facsimile message is privileged and confidential, and is intended only for the use of the individual(a) or entity name above who have been specifically authorized to receive it. If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return all pages to the address shown above. THANK YOU.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT (Highlight Changes)

Well Name	API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes			
							OIL(BBL)	GAS(MCF)	WATER(BBL)	
BOLL WEEVIL FED 26-13	4301330770	00035	08S 16E 26	GRRV						
CASTLE PK ST 43-16	4301330594	01181	09S 16E 16	GRRV						
PAIETTE FEDERAL 24-8	4301330778	01200	09S 17E 8	GRRV						
MOGON FED 14-7	4301330666	01205	09S 17E 7	GRRV						
PAIETTE FEDERAL 14-7	4301330516	01210	09S 17E 17	GRRV						
PAIETTE FEDERAL 24-8	4301330675	01220	09S 17E 8	GRRV						
JOURNEY FED 1-9	4304730070	01260	09S 19E 9	GRRV						
CASTLE PK FED 24-10A	4301330555	01281	09S 16E 10	GRRV						
HENDEL FED 1-17	4304730059	01305	09S 19E 17	GRRV						
HENDEL FED 3-17	4304730074	01305	09S 19E 17	GRRV						
HENDEL FED. 1-9	4304720011	01310	09S 19E 9	GRRV						
PARIETTE BENCH FED 14-5	4304731123	01335	09S 19E 5	GRRV						
PARIETTE BENCH UNIT 2	4304715680	01345	09S 19E 7	GRRV						
TOTALS										

REMARKS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
4304731584	01346	09S 19E 7	GRRV					
4301330562	01450	09S 17E 16	GRRV					
4301330552	01451	09S 17E 16	GRRV					
4301330572	01452	09S 17E 16	GRRV					
4301330570	01453	09S 17E 16	GRRV					
01330777	02042	09S 17E 8	GRRV					
4301330332	08100	09S 17E 18	DGCRK					
4301330505	08101	09S 17E 18	GR-WS					
4301330506	08102	09S 17E 17	GRRV					
4301330499	08104	09S 17E 17	GRRV					
4304731554	09885	09S 19E 6	GRRV					
4304731616	10280	09S 19E 6	GRRV					
4301331196	10800	09S 17E 8	GRRV					
TOTALS								

REMARKS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
COYOTE FEDERAL 21-5								
4304732260	11500	08S 25E 5	GRRV					
COYOTE FEDERAL 13-5								
4304732261	11500	08S 25E 5	GRRV					
FEDERAL 22-10Y								
4301331395	11501	09S 17E 10	GRRV					
FEDERAL 41-21Y								
4301331392	11505	09S 16E 21	GRRV					
FEDERAL 44-14Y								
4304732438	11506	09S 17E 14	GRRV					
FEDERAL 21-13Y								
4301331400	11510	09S 16E 13	GRRV					
FEDERAL 21-9Y								
4301331396	11513	09S 16E 9	GRRV					
MONUMENT FEDERAL 21-17								
4301331387	11528	09S 17E 17	GRRV					
FEDERAL 21-8								
4301331398	11529	09S 17E 8	GRRV					
FEDERAL 21-25Y								
4301331394	11530	09S 16E 25	GRRV					
MONUMENT FEDERAL 21-8								
4301331382	11574	09S 17E 8	GRRV					
MONUMENT FEDERAL 21-8								
4301331427	11613	09S 17E 8	GRRV					
MONUMENT FEDERAL 21-7								
4301331432	11616	09S 17E 7	GRRV					
TOTALS								

REMARKS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 11-25 4304732455	11625	08S 17E 25	GRRV					
MONUMENT FEDERAL 31-17 4301331428	11635	09S 17E 17	GRRV					
MONUMENT FEDERAL 22-17 4301331429	11638	09S 17E 17	GRRV					
BALCRON MONUMENT FEDERAL 12-17 4301331431	11640	09S 17E 17	GRRV					
ALLEN FEDERAL 31-6G 4301331442	11642	09S 17E 6	GRRV					
BALCRON FEDERAL 41-19Y 94732504	11651	09S 18E 19	GRRV					
BALCRON MONUMENT STATE 14-2 4301331425	11656	09S 17E 2	GRRV					
FEDERAL 44-4Y 4301331452	11679	09S 17E 4	GRRV					
FEDERAL 31-5Y 4304732503	11680	09S 18E 5	GRRV					
BALCRON MONUMENT FEDERAL 21-25 4304732528	11683	08S 17E 25	GRRV					
MONUMENT FEDERAL 11-17 4301331466	11692	09S 17E 17	GRRV					
MONUMENT FEDERAL 12-25 4304732526	11694	08S 17E 25	GRRV					
MONUMENT FEDERAL 12-17 4301331467	11698	09S 17E 17	GRRV					
TOTALS								

REMARKS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____
 Name and Signature: _____ Telephone Number: _____

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT (Highlight Changes)

Well Name PI Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 32-17A								
4301331465	11704	09S 17E 17	GRRV					
MONUMENT FEDERAL 32-25								
4304732524	11707	08S 17E 25	GRRV					
MONUMENT FEDERAL 31-25								
4304732530	11710	08S 17E 25	GRRV					
BALCRON FEDERAL 12-22Y								
4301331476	11717	08S 17E 22	GRRV					
MONUMENT FEDERAL 33-25								
4304732525	11729	08S 17E 25	GRRV					
MONUMENT FEDERAL 23-25								
4732529	11730	08S 17E 25	GRRV					
BALCRON MONUMENT STATE 24-2								
4304732612	11736	09S 17E 2	GRRV					
BALCRON MONUMENT STATE 13-2								
4301331482	11738	09S 17E 2	GRRV					
BALCRON MONUMENT STATE 22-2								
4304732610	11742	09S 17E 2	GRRV					
BALCRON MONUMENT STATE 12-2								
4301331481	11745	09S 17E 2	GRRV					
BALCRON FEDERAL 31-19Y								
4304732614	11751	09S 18E 19	GRRV					
BALCRON FEDERAL 42-19Y								
4304732616	11756	09S 18E 19	GRRV					
BALCRON FEDERAL 12-20Y								
4304732617	11758	09S 18E 20	GRRV					
TOTALS								

REMARKS:

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

Date: _____

Name and Signature: _____

Telephone Number: _____

OPERATOR EQUITABLE RESOURCES ENERGY
ADDRESS BALCRON OIL DIVISION

OPERATOR ACCT. NO. 119890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		11880				9S	17E		DUCHESNE		
WELL 1 COMMENTS: *BELUGA UNIT EFF 2-1-96 (SEE ATTACHED LIST OF WELLS BEING CHANGED FROM CURRENT ENTITY TO NEW UNIT ENTITY 11880).											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

2-22-96

Title

Date

Phone No. ()

**EQUITABLE RESOURCES
ENERGY COMPANY****BALCRON OIL DIVISION**1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860**★FAX TRANSMITTAL★****FAX NO.: (406) 245-1365**

TO: NAME: Leesha
COMPANY: Utah, Division of Oil, Gas, & Mining
DATE: 02-21-96
FAX #:

FROM: Molly Conrad
Equitable Resources Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
Phone: (406) 259-7860 ext 236

TOTAL # OF PAGES 2
(including this cover sheet)

If you do not receive all pages, please call back as soon as possible at (406) 259-7860.

TELECOMMUNICATOR: mmc

SPECIAL INSTRUCTIONS:

Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.

Thanks for your help!!

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P.2/2

✓ A. Anderson State #1-16	Monument Butte	SW SW	16	9S	17E	Duchesne	UT	Oil (Sl)	Green River	ML-3453	43-013-15582	660' FSL, 560' FWL		Beluga
✓ Balcron Monument Fed. #12-17	Monument Butte	SW NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31431	1980' FNL, 660' FWL	Vernal	Beluga
✓ Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Vernal	Beluga
✓ Balcron Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31388	660' FSL, 660' FWL	Vernal	Beluga
✓ Balcron Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3583-A	43-013-31387	500' FNL, 1960' FWL	Vernal	Beluga
✓ Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Vernal	Beluga
✓ Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Vernal	Beluga
✓ Balcron Monument Fed. #32-17	Monument Butte	SW NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31465	1690' FNL, 1980' FEL	Vernal	Beluga
✓ Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
✓ Balcron Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31466	660' FNL, 660' FEL	Vernal	Beluga
✓ Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Vernal	Beluga
✓ Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
✓ D. Duncan State #16-6	Monument Butte	SW NW	16	9S	17E	Duchesne	UT	Oil	Green River	State ML-3453-B	43-013-30570	1922' FNL, 865' FWL		Beluga
✓ DMD Federal #17-1	Monument Butte	NE SE	17	9S	17E	Duchesne	UT	Oil (Sl)	Green River	U-44430	43-013-30689	2059' FSL, 0584' FEL	Vernal	Beluga
✓ Federal #1-18	Monument Butte	NW NE	18	9S	17E	Duchesne	UT	OSI	Green River	U-3563	43-013-30332	636' FNL, 2185' FEL	Vernal	Beluga
✓ Moses Federal #23-8	Monument Butte	NE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31196	1847' FSL, 1947' FWL	Vernal	Beluga
✓ Moon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL	Vernal	Beluga
✓ Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	PND	Green River	UTU-74108		2217' FSL, 2187' FWL	Vernal	Beluga
✓ Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	PND	Green River	U-72106		1926' FSL, 2000' FEL	Vernal	Beluga
✓ Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL		Beluga
✓ Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL		Beluga
✓ Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578	1980' FSL, 1980' FWL		Beluga
✓ Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516	661' FNL, 664' FWL	Vernal	Beluga
✓ Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	680' FSL, 1980' FWL	Vernal	Beluga
✓ Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778	680' FSL, 1980' FEL	Vernal	Beluga
✓ Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777	1958' FSL, 711' FEL	Vernal	Beluga
✓ POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505	1980' FSL, 1980' FEL	Vernal	Beluga
✓ POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506	660' FSL, 660' FWL	Vernal	Beluga
✓ POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Vernal	Beluga
✓ Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562	660' FNL, 1980' FWL		Beluga

N4940-Enserch Explor. Inc.
(Open. chg. in Progress)

N8395-Prod. Recovery Corp.
(Open. chg. in Progress)

FEB 21 '96 03:42PM BALCRON OIL DIV

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEP 7-SJ	<input checked="" type="checkbox"/>
2-DTS 58-FILE	<input checked="" type="checkbox"/>
3-VLD (GIT)	<input checked="" type="checkbox"/>
4-RJH	<input checked="" type="checkbox"/>
5-LEP	<input checked="" type="checkbox"/>
6-FILM	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator ~~Operator Name Change Only~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	<u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
	phone <u>(406) 259-7860</u>	phone <u>(406) 259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>013-30332</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 4-4-96 & 4-8-96)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- See 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- See 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-10-96)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

5578314 (\$80,000) Sebeco Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- ____ 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) ____ . Today's date _____ 19____ . If yes, division response was made by letter dated _____ 19____ .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____ , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.
sent to Ed Bonner - Trust Lands

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/6/10 Blm/BIA "Formal approval not necessary"

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ A ANDERSON STATE 1-16 4301315582 11880 09S 17E 16	GRRV					
✓ FEDERAL 1-18 4301330332 11880 09S 17E 18	DGCRK					
✓ POMCO #5 4301330499 11880 09S 17E 17	GRRV					
✓ POMCO #2 4301330505 11880 09S 17E 18	GR-WS					
✓ POMCO #4 4301330506 11880 09S 17E 17	GRRV					
✓ PAIUTE FED 11-17 01330516 11880 09S 17E 17	GRRV					
✓ SJE MORRIS 16-3 4301330562 11880 09S 17E 16	GRRV					
✓ D. DUNCAN ST 16-5 4301330570 11880 09S 17E 16	GRRV					
✓ MOCON FED 44-7 4301330666 11880 09S 17E 7	GRRV					
✓ PAIUTE FED 24-8 4301330675 11880 09S 17E 8	GRRV					
✓ FEDERAL D M D 17-1 4301330689 11880 09S 17E 17	GRRV					
✓ PAIUTE FEDERAL 43-8 4301330777 11880 09S 17E 8	GRRV					
✓ PAIUTE FEDERAL 34-8 4301330778 11880 09S 17E 8	GRRV					
TOTALS						

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____
 Name and Signature: _____ Telephone Number: _____



EQUITABLE RESOURCES
ENERGY COMPANY

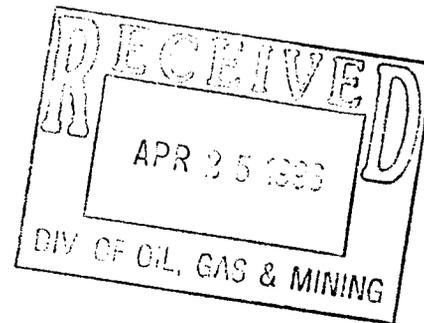
WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

April 23, 1996

State of Utah
Division of Oil, Gas, and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

RE: Yearly Status Report for SI or TA Wells

Enclosed are sundry notices giving the Annual Status Report of Shut-in, Temporarily-abandoned, and Suspended-drilling wells for Equitable Resources Energy Company as of December, 1995.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Operations Secretary

/mc

Attachments

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

U-3563

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name:

n/a

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.

7. Unit Agreement Name:

n/a

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:

Federal #1-18

2. Name of Operator:
Equitable Resources Energy Company

9. API Well Number:

43-013-30332

3. Address and Telephone Number:
1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

10. Field and Pool, or Wildcat:

Monument Butte/Green River

4. Location of Well

Footages: 636' FNL & 2186' FEL

County: Duchesne

QQ, Sec., T., R., M.: NW NE Section 18, T9S, R17E

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Annual Status Report
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion _____

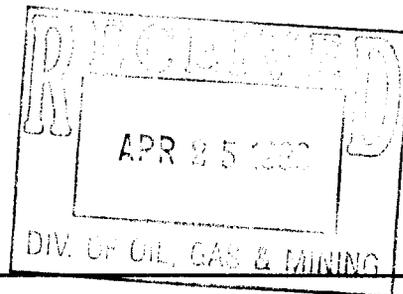
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* 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 depths for all markers and zones pertinent to this work.)

STATUS: SI

This well remains SI to evaluate for putting on production.



13. Name & Signature: Molly Conrad *Molly Conrad* Title: Operations Secretary Date: 4-18-96

(This space for State use only)

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 to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-3563
2. Name of Operator Equitable Resources Energy Company	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW NE Section 18, T9S, R17E 636' FNL, 2186' FEL	8. Well Name and No. Federal #1-18
	9. API Well No. 43-013-30332
	10. Field and Pool, or Exploratory Area Monument Butte/GrnRiver
	11. County or Parish, State Duchesne County, UTAH

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

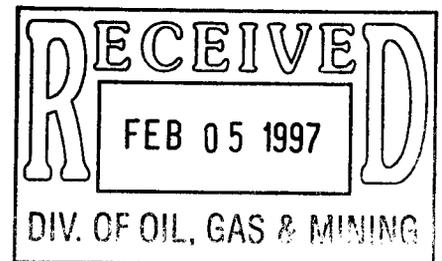
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>TA 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.)*

Operator requests that approval to put this well in a temporarily abandoned (TA) status be granted while operator evaluates the well.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



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

Signed Robbie Schuman Title Regulatory and Environmental Specialist Date February 3, 1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly 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

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 to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-3563

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
Beluga Unit

8. Well Name and No.
Federal #1-18

9. API Well No.
43-013- 30332

10. Field and Pool, or Exploratory Area
Mon. Butte/Green River

11. County or Parish, State
Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Equitable Resources Energy Company

3. Address and Telephone No.
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW NE Section 18, T9S, R17E
636' FNL, 2186' FEL

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

TYPE OF SUBMISSION

TYPE OF ACTION

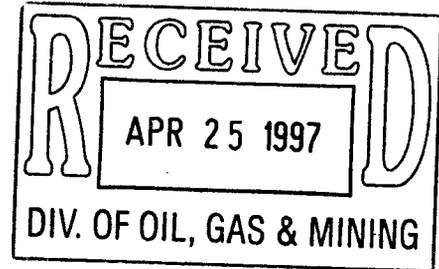
- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other TA 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.)*

This well is in a temporarily abandoned status awaiting the phase 2 expansion of the Beluga Unit.



ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: State of Utah; Division of Oil, Gas and Mining

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date April 22, 1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly 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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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.

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

County:

OQ, Sec., T., R., M.:

State:

RECEIVED
OCT 13 1997

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 Change of Operator
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon *
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Change of Operator
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions 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 depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 10 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ BALCRON FEDERAL #22-20Y	SE NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32711-00	UTU64917	
✓ BALCRON FEDERAL #41-19Y	NENE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32504-00	UTU65635	
✓ MONUMENT FEDERAL #43-19Y	NE SE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32730-00	UTU65635	
✓ MONUMENT FEDERAL #14-21Y	SW SW 219S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32726-00	UTU68105	
✓ A. ANDERSON STATE #1-16	SW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-15582-00		UTU75023X
✓ D. DUNCAN STATE #16-5	SWNW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30570-00		UTU75023X
✓ DMD FEDERAL #17-1	NE SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30689-00		UTU75023X
✓ FEDERAL #1-18	NWNE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30332-00		UTU75023X
✓ MAXUS FEDERAL #23-8	NESW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31196-00		UTU75023X
✓ MONUMENT BUTTE FED. #12-17	SWNW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31431-00		UTU75023X
✓ MONUMENT BUTTE FED. #14-8	SWSW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31398-00		UTU75023X
✓ MONUMENT BUTTE FED. #21-17	NENW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31387-00		UTU75023X
✓ MONUMENT BUTTE FED. #32-17	SWNE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31465-00		UTU75023X
✓ MONUMENT BUTTE FED. #41-17	NENE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31466-00		UTU75023X
✓ MONUMENT BUTTE FED. #43-7	NESE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31432-00		UTU75023X
✓ MONUMENT FEDERAL #23-17B	NE SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31582-00	UTU74108	UTU75023X
✓ MONUMENT STATE #23-16B	NE SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31578-00		UTU75023X
✓ PAIUTE FEDERAL #34-8	SWSE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30778-00		UTU75023X
✓ PAIUTE FEDERAL #43-8	NESE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30777-00		UTU75023X
✓ POMCO #2	NWSE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30505-00		UTU75023X
✓ POMCO #4	NWSW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30506-00		UTU75023X
✓ SUE MORRIS #16-3	NENW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30562-00		UTU75023X
✓ MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
✓ MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
✓ MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
✓ MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
✓ MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
✓ MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844 Beluga	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00	31145	UTU75023X
✓ MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
✓ MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
✓ MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
✓ MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
✓ PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
✓ PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
✓ POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
✓ BALCRON FEDERAL #12-10Y	SW NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31536-00	UTU65210	
✓ BALCRON FEDERAL #21-10Y	NE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31537-00	UTU65210	
✓ BALCRON FEDERAL #22-10Y	SE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31395-00	UTU65210	

RECEIVED

OCT 10 1997



October 7, 1997

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

RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

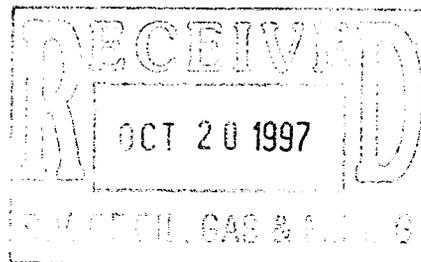
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.





**EQUITABLE RESOURCES
ENERGY COMPANY**

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.
Call if you need anything
further.*



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-931

March 2, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Beluga (Green River) Unit
Duchesne County, Utah

Gentlemen:

On February 26, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Beluga (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective March 2, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Beluga (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Beluga (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Beluga (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron/Fluid Chron

UT931:TAThompson:tt:3/2/98

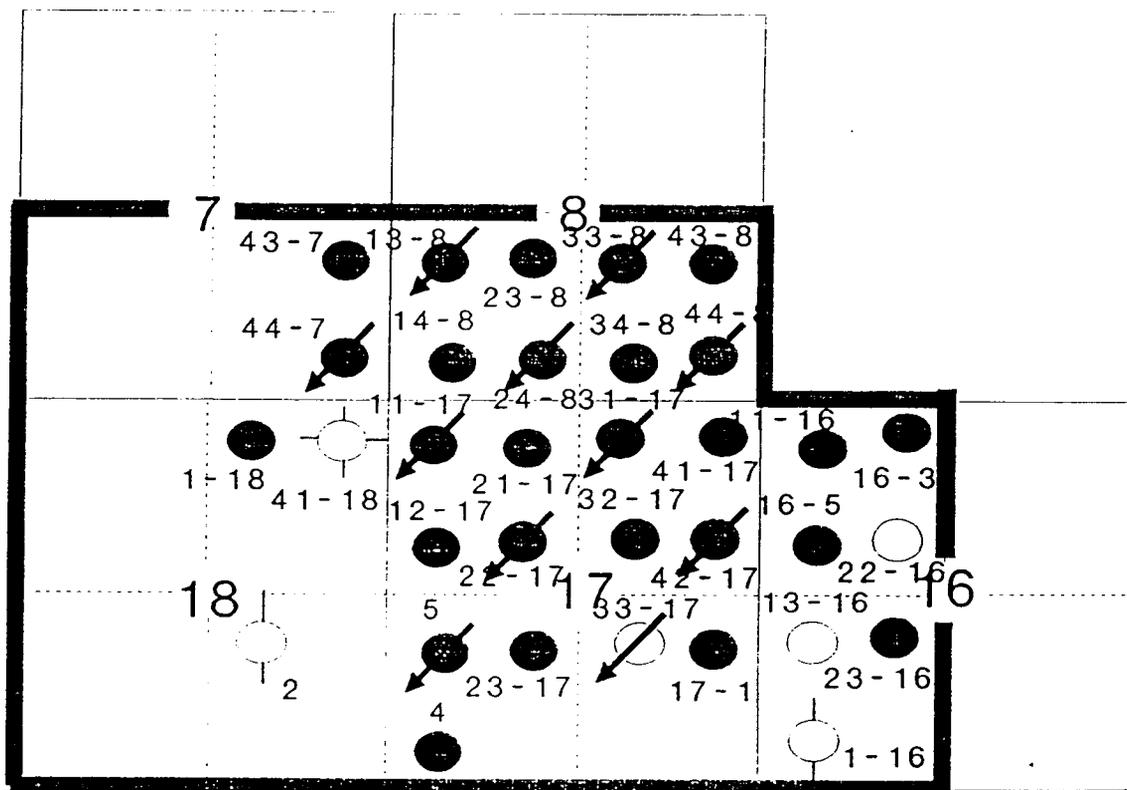
Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU75023X								
STATE	4301315582	1-16 SHELL-STATE	SWSW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330332	1-18 FEDERAL	NWNE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
STATE	4301330616	11-16 STATE-NGC	NWNW	16	T	9S	R17E ABD (WIW)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330516	11-17 PIUTE-FEDERAL	NWNW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331431	12-17	SWNW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331580	13-16-9-17B	NWSW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331382	13-8 MONUMENT FED	NWSW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331398	14-8 MONUMENT FED	SWSW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330562	16-3 MORRIS SUE	NENW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330570	16-5 DUNCAN-STATE	SWNW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU44430	4301330689	17-1 FEDERAL-DMD	NESE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330505	2 POMCO	NWSE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331387	21-17 MONUMENT FED	NENW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331145	22-16-9-17B	SENW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331429	22-17 MONUMENT FED	SENW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331578	23-16-9-17B	NESW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331582	23-179-17B	NESW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331196	23-8 MAXUS-FEDERAL	NESW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330675	24-8 PIUTE-FEDERAL	SESW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331428	31-17 MONUMENT BUTTE	NWNE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331465	32-17	SWNE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331581	33-17-9-17B	NWSE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331427	33-8 MONUMENT FED	NWSE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330778	34-8 PAIUTE	SWSE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330506	4 POMCO	SWSW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331466	41-17	NENE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331399	41-18 BALCROM FED	NENE	18	T	9S	R17E ABD (FA)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331467	42-17	SENE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331432	43-7 MONUMENT BUTTE	NESE	7	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330777	43-8 PAIUTE	NESE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330666	44-7 MOCOW-FEDERAL	SESE	7	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74398	4301330643	44-8-9-17	SESE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330499	5 POMCO	NWSW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO

BELUGA (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: FEBRUARY 1, 1996



17E

— UNIT OUTLINE (UTU75023X)

2,223.13 ACRES

SECONDARY ALLOCATION	
FEDERAL	89.74%
STATE	10.26%

OPERATOR CHANGE WORKSHEET

Routing	
1-LTC ✓	6-LTC ✓
2-GLH ✓	7-KAS ✓
3-BPS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION CO.</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>C/O CRAZY MTN O&G SVS'S</u>
	<u>ROOSEVELT UT 84066</u>		<u>PO BOX 577</u>
			<u>LAUREL MT 59044</u>
	Phone: <u>(435) 722-5103</u>		Phone: <u>(406) 628-4164</u>
	Account no. <u>N5160</u>		Account no. <u>N9890</u>

WELL(S) attach additional page if needed:

***BELUGA (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43013-30332</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- rec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 3-10-97)
- rec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-20-97)
- sh 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____
- c 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- c 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (3-11-98) * Quattro Pro s. DBASE (kic) 3-11-98.
- cc 6. **Cardex** file has been updated for each well listed above. (3-11-98)
- c 7. Well **file labels** have been updated for each well listed above. (3-11-98)
- c 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (3-11-98)
- c 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

- Jec* 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/**no**) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A/lec* 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY) *Trust Lands - 80,000 Surety "Hartford Acc. & Indemnity Co."*

- N/A/lec* 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- N/A/lec* 2. A **copy of this form** has been placed in the new and former operator's bond files.
- N/A/lec* 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- Jec* 1. Copies of documents have been sent on 3-11-98 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A/lec* 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- VB* 1. All attachments to this form have been **microfilmed**. Today's date: 4-14-98.

FILING

- ___ 1. **Copies** of all attachments to this form have been filed in each **well file**.
- ___ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980311 Blm/SL Apr. 3-2-98.

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S
 EQUITABLE RESOURCES ENERGY
 PO BOX 577
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890

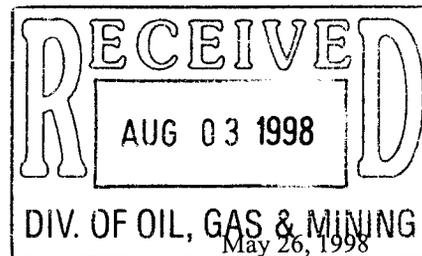
REPORT PERIOD (MONTH/YEAR): 1 / 98

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
COYOTE BASIN 21-7								
4304731673	11500	08S 25E 7	WSTC					
FEDERAL 13-13								
4304732196	11500	08S 24E 13	GRRV					
COYOTE FEDERAL 12-5								
4304732253	11500	08S 25E 5	GRRV					
COYOTE FEDERAL 31-7								
4304732254	11500	08S 25E 7	GRRV					
COYOTE FEDERAL 13-7								
4304732255	11500	08S 25E 7	GRRV					
COYOTE FEDERAL 22-7								
4304732256	11500	08S 25E 7	GRRV					
COYOTE FEDERAL 33-5								
4304732257	11500	08S 25E 5	GRRV					
COYOTE FEDERAL 21-5								
4304732260	11500	08S 25E 5	GRRV					
COYOTE FEDERAL 13-5								
4304732261	11500	08S 25E 5	GRRV					
A ANDERSON STATE 1-16								
4301315582	11880	09S 17E 16	GRRV		ML46694	Beluga (GP) Unit		
FEDERAL 1-18								
4301330332	11880	09S 17E 18	GRRV		U3563	"		
POMCO #2								
4301330505	11880	09S 17E 18	GR-WS		"	"		
POMCO #4								
4301330506	11880	09S 17E 17	GRRV		U7978	"		
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____
 Name and Signature: _____ Telephone Number: _____



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
Federal #1-18, Beluga Unit
Monument Butte Field, Lease #U-3563
Section 18-Township 9S-Range 17E
Duchesne County, Utah

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Federal #1-18 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Beluga Unit.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Debbie Knight at (303) 382-4434.

Sincerely,

John E. Dyer
Chief Operating Officer

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #1-18
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
BELUGA UNIT
LEASE #U-3563
MAY 26, 1998

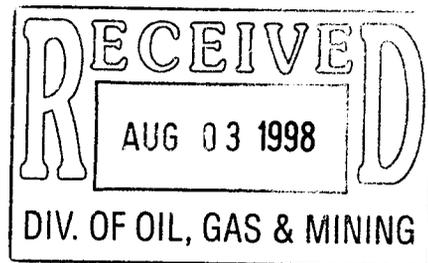


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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Federal #1-18

Spud Date:
Put on Production:

GL: 5415' KB: 5426'

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: 3430

TUBING

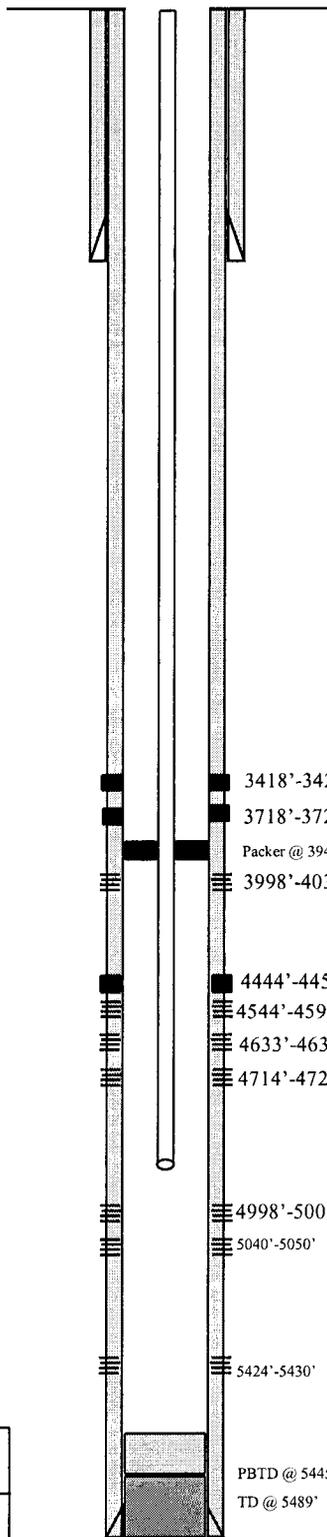
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#

NO of JTS: 128 jts

TUBING ANCHOR:

SEAT NIPPLE:

Proposed Injection Wellbore Diagram



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.

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

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

Packer @ 3948'

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

WORK PROCEDURE FOR INJECTION CONVERSION

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

**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 convert the Federal #1-18 from a producing oil well to 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 Federal #1-18 well, the proposed injection zone is from 3998'-5430'. 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 4544'.

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

The referenced log for the Federal #1-18 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-3563), 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 279' GL, and the 5-1/2" casing run from surface to 5489' 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 1424 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 Federal #1-18, for proposed zones (3998' – 5430') calculates at .72 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 1424 psig. See Attachment G through G-3.

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 Federal #1-18, the injection zone (3998'-5430') 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-2.

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

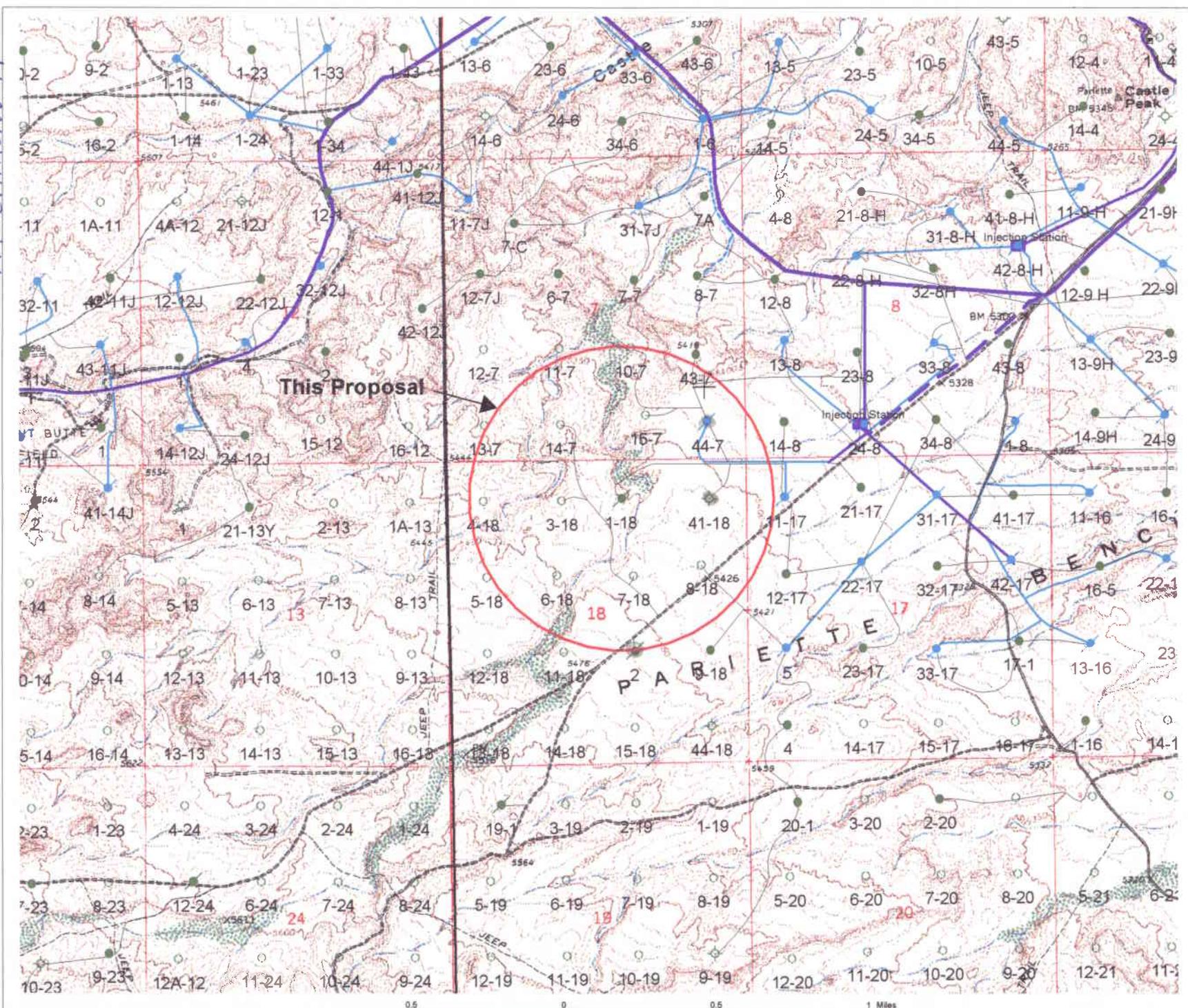


Exhibit "A"



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

Inland
 AN ISO-CERTIFIED
 Geomatics Company
 10111 10th Street, Suite 100
 Denver, Colorado 80231
 Phone (303) 291-1338

10111 BANDS
 Douglas & Clark Counties, Utah

Scale 1:10,000



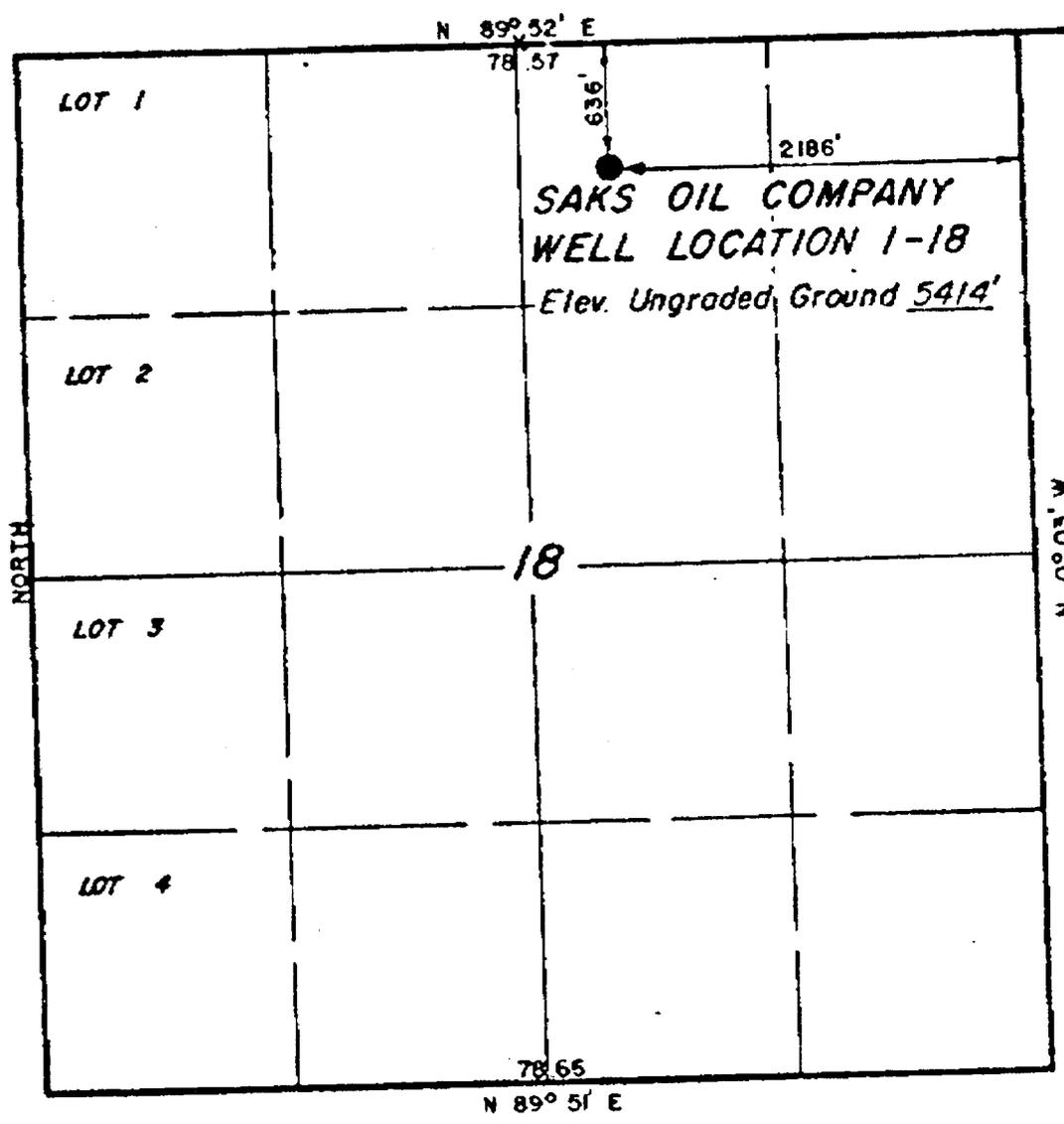
Attachment A-1

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

PROJECT

MINERALS MANAGEMENT INC.

Well location, located as shown in the NW 1/4 NE 1/4 Section 18, T9S, R17E, S.L.B. & M. Duchesne County, Utah.



N 1/4 Corner Section 17
T9S, R17E, S.L.B. & M



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

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 7/26/74
PARTY GS KS	REFERENCES GLO PLAT
WEATHER HOT	FILE MINERALS MANAGEMENT INC.

X = Section corners located.

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
3	Township 9 South, Range 17 East Section 7: Lot 4	U-64381 HBP	Inland Production Company Yates Petroleum Corporation	(Surface Rights) USA

Attachment B
(Pg 1 of 2)

EXHIBIT B

Page 2

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

Attachment B
(Pg 2 of 2)

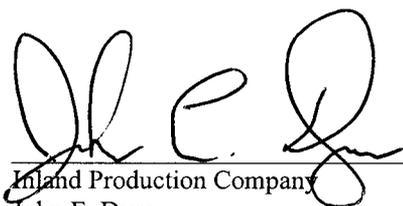
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #1-18

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.

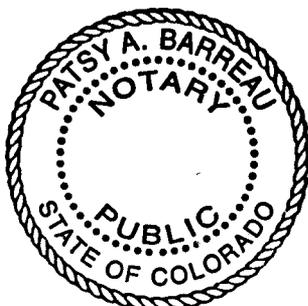
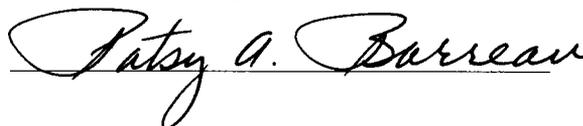
Signed:



Inland Production Company
John E. Dyer
Chief Operating Officer

Sworn to and subscribed before me this 26th day of May, 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

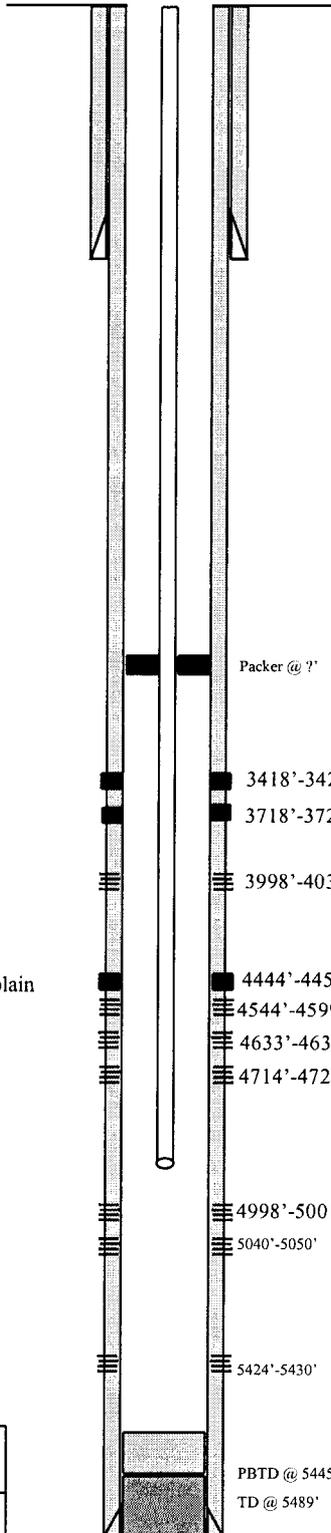
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO of JTS: 128 jts
TUBING ANCHOR:
SEAT NIPPLE:

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



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

WELLBORE DIAGRAM

Attachment E-1
POMCO #2
NW SE Sec.18, T9S, R173 (Pg 1 of 2)
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

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:

300' KB

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 @ 7' KB
TD @ 5425' KB



POMCO #2
NW SE Sec.18, T9S, R173
1980' FSL, 1980' FEL
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

WELL DATA CONTINUED
PAGE THREE

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'.



MOCON FEDERAL #44-7
 SE SE Sec. 16, T17E
 663' FEL, 670' CBL
 Lease #UTU-72106
 Monument Butte Field (Beluga Unit)
 Duchesne County, Utah

Attachment E-2

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

WELLBORE DIAGRAM

DATE : 11/13/95 vk

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.

273' KB

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

ACID JOB /BREAKDOWN

5442' - 5452' 6/30/82 Could not pump into formation,
 reperf'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 2000 gal 15% WFC acid at 1700
 & 5044' - 5053' 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.

TOC
 @ 510' KB

4304' - 4314'

PERFORATION RECORD

4304' - 4314' 7/31/82 (10') 2 SPF 21 holes Y5
 4730' - 4740' 7/14/82 (10') 2 SPF 21 holes R5
 4730' - 4740' 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

5044' - 5053'
 5080' - 5088'

5442' - 5452'

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

PBTD @ 5690' KB
 TD @ 5750' KB

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

SURFACE CASING

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

PRODUCTION CASING

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

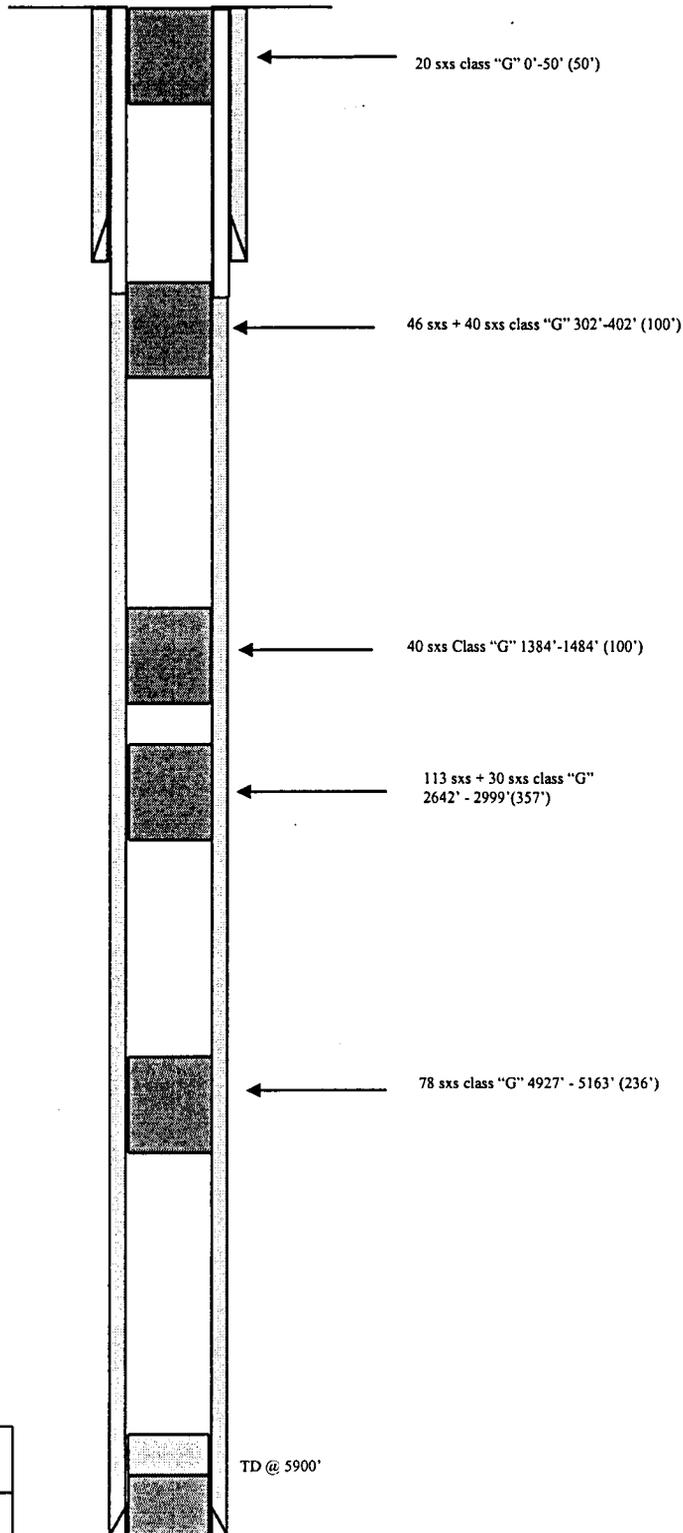
TUBING

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

SUCKER RODS

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

Plugging Diagram



 **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

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5088
Fax (801) 722-5727

Attachment F

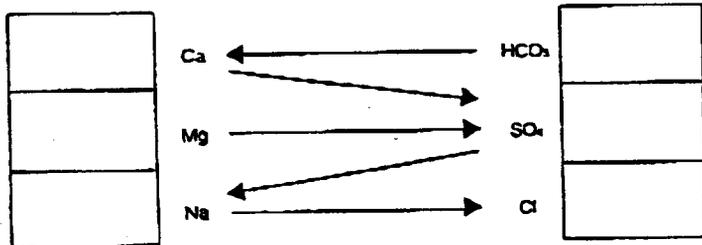
WATER ANALYSIS REPORT

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

	Analysis	mg/l(ppm)	*Meq/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>	<u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		<u>300</u>	<u>5</u> HCO ₃
7. Hydroxyl (OH)		<u>0</u>	<u>0</u> OH
8. Chlorides (Cl)		<u>35</u>	<u>1</u> Cl
9. Sulfates (SO ₄)		<u>110</u>	<u>2</u> SO ₄
10. Calcium (Ca)		<u>44</u>	<u>2</u> Ca
11. Magnesium (Mg)		<u>22</u>	<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	Eqiv. Wt.	X	Meq/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	84.00	<u>1</u>			<u>84</u>
Na ₂ SO ₄	71.03	<u>2</u>			<u>142</u>
NaCl	58.46	<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

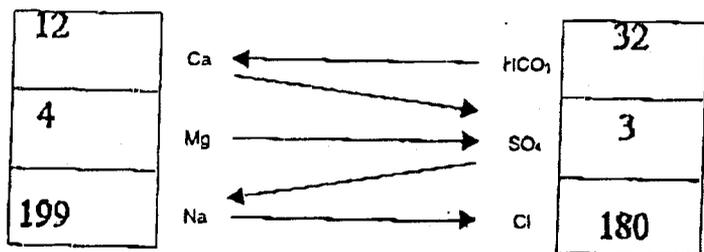
WATER ANALYSIS REPORT

Company INLAND PRODUCTION Address _____ Date 07-21-98
Source BELUGA 12-17 WELLHEAD Date Sampled 07-20-98 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/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 CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ 1,000	÷ 61 16 HCO ₃
7. Hydroxyl (OH)		OH 0	÷ 17 0 OH
8. Chlorides (Cl)		Cl 6,400	÷ 35.5 180 Cl
9. Sulfates (SO ₄)		SO ₄ 150	÷ 48 3 SO ₄
10. Calcium (Ca)		Ca 240	÷ 20 12 Ca
11. Magnesium (Mg)		MG 49	÷ 12.2 4 Mg
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	Eqiv. Wt.	X	Meg/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 _____

435 722 5727

Attachment F-2

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.=100 AND pH=8.2
 WATER ONE IS Beluga 12-17

% OF w/cv #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

**Federal #1-18
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4544	4720	4632	1900	0.84	1840
4998	5430	5214	1500	0.72	1424 ←
3998	4038	4018 Screened out			
				Minimum	<u><u>1424</u></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.

HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R-1

DIVISION
HALLIBURTON LOCATION

Vernal Attachment G-1
BILLED ON THE FT. NO. 150720

WELL DATA

FIELD S. Myton SEC. _____ TWP. _____ RNG. _____ COUNTY Duchesne STATE Utah

FORMATION NAME Mesa Verde TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____

	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING	U	5 1/2"	0	5445	15.5	5000
LINER	U					
TUBING	U	2 1/8"	0	5349 4872	6.5	5000
OPEN HOLE						TOTAL DEPTH: 5445
PERFORATIONS		.41	4998	5001	2	jet SHOTS/FT.
PERFORATIONS		"	5040	5050	"	" SHOTS/FT.
PERFORATIONS		"	5424	5430	"	" SHOTS/FT.

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11-10-75 TIME 0400	DATE 11-10-75 TIME 0600	DATE 11-10-75 TIME 0838	DATE 11-10-75 TIME 1722

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
WATER BALL INJECTOR	1	Howco
PACKER RTTS 5 1/2 155#	1	Howco
OTHER RBP " " "	1	Howco

MATERIALS

TREAT. FLUID 40# Gel DENSITY _____ LB./GAL. API _____

DISPL. FLUID 2% KCl H₂O DENSITY _____ LB./GAL. API _____

PROP. TYPE Ascco frac sand SIZE 10-20 LB. 6000

PROP. TYPE Ascco frac sand SIZE 20-40 LB. 37000

ACID TYPE HCl GAL. 300 % 15

ACID TYPE _____ GAL. _____ % _____

ACID TYPE _____ GAL. _____ % _____

SURFACTANT TYPE _____ GAL. _____ IN _____

INE AGENT TYPE 3N GAL. 1666 IN 3gal./M

FLUID LOSS ADD. TYPE WAC-9 QTY.-LB. 1100 IN 25#/M

GELLING AGENT TYPE WG-6 QTY.-LB. 2200 IN 40#/M

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN _____

SALT KCl QTY.-LB. 9000 IN 7#/Bbl.

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE RCN 1.5p.gr. QTY. 10

OTHER HAI-50 inhibitor 1gal.

OTHER CW-1 buffer 700 lb. @ 15#/M

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D. McDuff	Fracometer	Vernal
F. Potter		"
G. Jones	2913-M-100	"
K. Estep	3693 H-T	"
R. Ripple	2532 H-T	"
B. Guinn	8941 ANNULUS	"
H. Petty	8325	"
D. Pradcke	Iron + Fire	"
J. Ross	7467 sand	"
S. Safford	8605 sand	"
D. Byers	9922-MHs.	"
B. Gratton		"
B. Anderson	Mechanic	"

DEPARTMENT Cementing

DESCRIPTION OF JOB H₂O/sand frac

JOB DONE THRU: TUBING CASING ANNULUS TBC./ANN.

CUSTOMER REPRESENTATIVE X L. Tennant

HALLIBURTON OPERATOR D.M. McDuff COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT 4700

BREAKDOWN _____ MAXIMUM 4900

AVERAGE 4500 FRACTURE GRADIENT _____

SHUT-IN: INSTANT 1500 15-MIN. 1350 15-MIN. 1700

HYDRAULIC HORSEPOWER _____

ORDERED 2000 AVAILABLE 2000 USED 2096

AVERAGE RATES IN BPM _____

TREATING 19 DISPL. 19 OVERALL 19

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

SUMMARY

VOLUMES

PREFLUSH: BBL.-GAL. _____ TYPE _____

LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. 11,000

TREATMENT: BBL.-GAL. 35,300 DISPL: BBL.-GAL. 4260

CEMENT SLURRY: BBL.-GAL. _____

TOTAL VOLUME: BBL.-GAL. 50,560

REMARKS
1st stage done seperately, with PKR + RBP straddling perfs - PKR + RBP moved up hole to do 2nd + 3rd stages together

CUSTOMER: Strook + Rabbers
LEASE: General
WELL NO.: 150720
JOB TYPE: VERTICAL

11-10-75

Perforate 5424' - 5430' } w/ 2 SPF
 5040' - 5050' }
 4998' - 5001' w/ 2 SPF

Breakdown 5424 - 5430' @ 2400 psig w/ Acid
 6 BPM @ 1800 psig, ISIP @ 1250 psig

5040 - 5050' @ 2400 psig w/ Acid
 1 BPM, ISIP @ 1300 psig

Frac 5424' - 5430' w/ 20-40 # 10-20 Sand
 5040 - 5050' w/ 20-40 # 10-20 sand
 4998 - 5001' w/ 20-40 # 10-20 sand
 (Above frags @ 1/2, 1, & 2 PPG stages)

11-14-75

Swab test above zones
 11:00 AM 1.28 STBO, strong gas
 12:00 PM 23.32 STB 95% water
 1:00 PM 5.4 " 90% "
 2:00 20.0 " 95% oil
 3:00 20.0 " 95% oil
 5:00 23.36 " 95% oil
 5:30 5.8 50% oil

3-3-76

Perforate 4714 - 4720
 4633 - 4638
 4544 - 4549

Breakdown 4714 - 4720 @ 3400 psig w/ Acid
 1/2 BPM @ 3300 psig

4633 - 4638 @ 4600 psig w/ Acid
 26 STB Acid @ 113 BPM

4544 - 4549 5 BPM @ 2000 psig

3-6-76

Acidize all zones (above) 6 BPM @ 2600 psig
 ISIP @ 1500 psig

3-7-76

Frac all above zones down case w/ Halliburton
 30,000 gals MY-T-FRAC, 25,000 # 20-40,
 10,000 # 10-20 sand, 35 BPM @ 2500 psig
 ISIP @ 1900 psig

FEDERAL RESERVE BANK OF NEW YORK
 BRANCH OFFICE
 100 WALL STREET
 NEW YORK, N.Y. 10038
 FEDERAL RESERVE BANK OF NEW YORK
 BRANCH OFFICE
 100 WALL STREET
 NEW YORK, N.Y. 10038
 FEDERAL RESERVE BANK OF NEW YORK
 BRANCH OFFICE
 100 WALL STREET
 NEW YORK, N.Y. 10038

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 155' plug from 5325'-5480' with 30 sxs Class "G" cement.
2. Plug #2 Set 202' plug from 4898'-5100' with 30 sxs Class "G" cement.
3. Plug #3 Set 326' plug from 4444'-4770' with 60 sxs Class "G" cement.
4. Plug #4 Set 190' plug from 3898'-4088' with 30 sxs Class "G" cement.
5. Plug #5 Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.
6. Plug #6 Set 100' plug from 229'-329' (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 279' to surface.

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

Federal #1-18

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

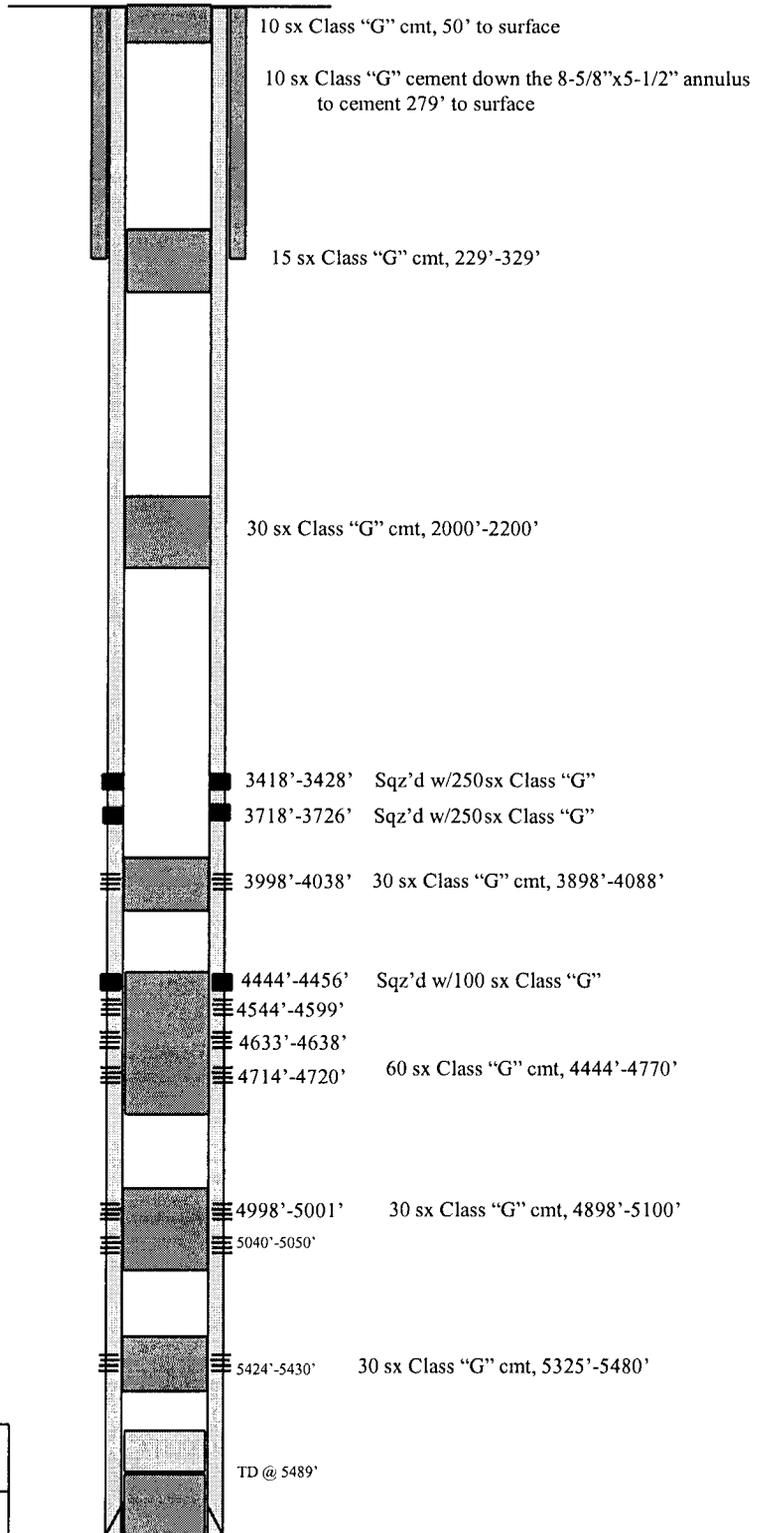
SURFACE CASING

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:

Proposed P&A
Wellbore Diagram



 <p>Inland Resources Inc.</p> <p>Federal #1-18</p> <p>636 FNL 2186 FEL</p> <p>NWNE Section 18-T9S-R18E</p> <p>Duchesne Co, Utah</p> <p>API #43-013-30332; Lease #U-3563</p>
--

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-229
THE FEDERAL 1-18 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.

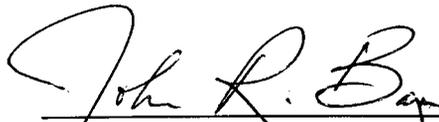
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Federal 1-18 well, located in Section 18, Township 9 South, Range 17 East, S.L.M., 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 4th day of August, 1998.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



John R. Baza
Associate Director



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

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 4, 1998

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

Re: Notice of Agency Action - Cause No. UIC-229

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,

A handwritten signature in cursive script that reads "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 4, 1998

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

Re: Notice of Agency Action - Cause No. UIC-229

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Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure

**Inland Production Company
Federal 1-18 Well
Cause No. UIC-229**

Publication Notices were sent to the following:

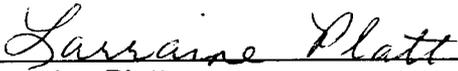
Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

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

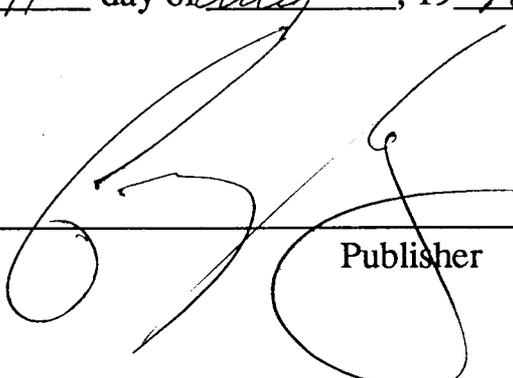


Lorraine Platt
Secretary
August 4, 1998

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 11 day of Aug, 1998, and that the last publication of such notice was in the issue of such newspaper dated the 11 day of Aug, 1998.



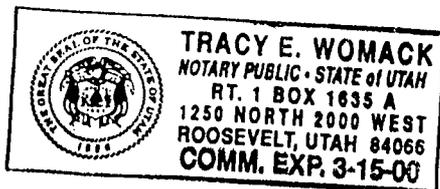
Publisher

Subscribed and sworn to before me this

18 day of Aug, 1998



Notary Public



NOTICE OF AGENCY ACTION

CAUSE NO. UIC-229
IN THE MATTER OF
THE APPLICATION OF
INLAND PRODUCTION
COMPANY FOR AD-
MINISTRATIVE AP-
PROVAL OF THE FED-
ERAL 1-18 WELL LO-
GATED IN SECTION 18,
TOWNSHIP 9 SOUTH,
RANGE 17 EAST, S.L.M.,
DUCHEсне 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 Federal 1-18 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 4th day of August, 1998.

STATE OF UTAH
DIVISION OF OIL, GAS &
MINING

John R. Baza, Associate
Director
Published in the Uintah
Basin Standard August 11,
1998.

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	08/08/98

ACCOUNT NAME	
DIV OF OIL GAS & MAINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL858200381
SCHEDULE	
START 08/08/98 END 08/08/98	
CUST. REF. NO.	
UIC-229	

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-229
 OF 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 FEDERAL 4-18 WELL LOCATED IN SECTION 18, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESE 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 and indicative proceeding to consider the application of Inland Production Company for administrative approval of the Federal 4-18 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. 649-30, Administrative Procedures.
 The Green River Formation will be selectively perforated for water injections; 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

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

STARTED ON 08/08/98 END 08/08/98

SIGNED BY *James Mooney*

DATED 08/08/98

 NOTARY PUBLIC
 JOANNE MOONEY
 2626 Hartford St.
 Salt Lake City, UT 84106
 My Commission Expires
 March 31, 2000
 STATE OF UTAH

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"

PLEASE PAY FROM BILLING STATEMENT.

✓ 2871 REC. 6/31 NUADEOIG GED8
~~KLADAMEN~~



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 21, 1998

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

Re: Beluga Unit Well: Federal 1-18, Section 18, Township 9 South, Range 17 East,
Duchesne County, Utah

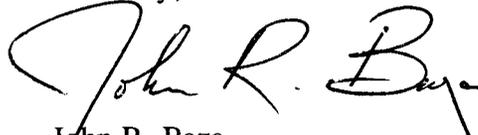
Gentlemen:

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

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company **Well:** Federal 1-18
Location: 18/9S/17E **API:** 43-013-30332

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 279 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5489 feet and has a cement top at 3430'. A cement bond log verifies adequate bond well above the injection zone. Two sets of perforations have been squeezed above the injection zone.(3418-3428', 250 sx @ 2000#; 3718-3726', 250 sx @ 2500#) A 2 7/8 inch tubing with a packer will be set at 3948 feet. A mechanical integrity test will be run on the well prior to injection. There is 1 producing well, 1 P&A well and 1 injection well in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 500 feet. Injection shall be limited to the interval between 3998 feet and 5430 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 1-18 well is .72 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1424 psig. The requested maximum pressure is 1424 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.

Federal 1-18
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: 12/21/98

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

1. SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NO. U-3563	
(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.)		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> WELL <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME BELUGA	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME FEDERAL 1-18	
3. ADDRESS OF OPERATOR Route 3, Box 3630, Myton Utah 84052 (435-646-3721)		9. WELL NO. 1-18-9-17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 0636 FNL 2186 FEL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Section 18, T09S R17E	
14. API NUMBER 43-013-30332	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5414 GL	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

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

<p>NOTICE OF INTENTION TO:</p> <p>TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/></p> <p>(OTHER) Continue Shut In Status <input checked="" type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/></p> <p>(OTHER) _____ <input type="checkbox"/></p> <p>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>
--	--

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.)*

Inland is requesting permission to extend the shut in status of the subject well. Inland is evaluating the waterflood pattern in the Beluga unit and intends on incorporating the subject well in the injection system as the field is developed. The wellbore is isolated with a wellhead and is frequently monitored by an Inland employee to ensure that no leaks exist.

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

SIGNED [Signature] TITLE District Engineer DATE 5/12/99

(This space for Federal or State office use)

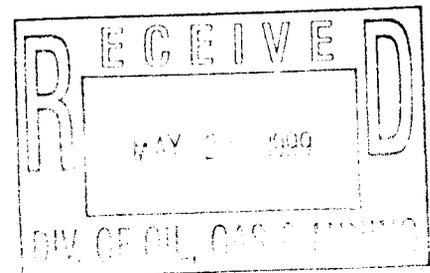
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: *Federal Approval of this Action is Necessary*

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

See Instructions On Reverse Side

COPY SENT TO OPERATOR
Date: 6-1-99
By: CHD





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>

MAY 15 2002

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. George Rooney
Senior Facilities Engineer
Inland Production Co.
410 Seventeenth Street - Suite 700
Denver, CO 80202

RECEIVED

MAY 28 2002

DIVISION OF
OIL, GAS AND MINING

RE: **ADDITIONAL WELL TO THE BELUGA AREA PERMIT**
Beluga Federal No. 1-18-9-17
Well ID No. UT20798-04660
Beluga Area Permit UT20798-00000
Duchesne County, Utah

Dear Mr. Rooney:

The Inland Production Co. (Inland) request **to convert** a former Garden Gulch-Douglas Creek Members of the Green River Formation oil well, the Beluga Federal No. 1-18-9-17, to a Green River Formation Garden Gulch-Douglas Creek Members enhanced recovery injection well is hereby authorized. The proposed Beluga Federal No. 1-18-9-17 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, and monitoring, and plugging of the Beluga Federal No. 1-18-9-17.

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

Pursuant to Part II. Section C. Condition No. 5, (Injection Pressure Limitation), Beluga Final Area Permit UT20798-00000, the initial surface injection pressure shall not exceed 1885 psig. The EPA, using a 0.72 psi/ft fracture gradient, calculated a maximum surface injection pressure of 1139 psig. However, the EPA **authorizes an initial maximum surface injection pressure that shall not exceed an MIP rounded to 1140 psig.** The Beluga Final Area Permit, Part II. C. 5., provides an opportunity for the permittee to request an increase, or decrease, in the initial maximum surface injection pressure.

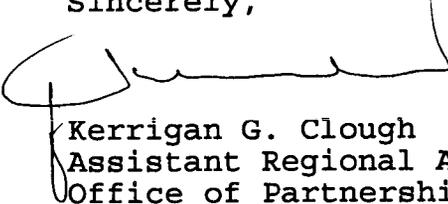
Please be aware that Inland does not have authorization to begin injection into the Beluga Federal No. 1-18-9-17 until the Prior to Commencing Injection requirements, listed above, have been submitted and evaluated by the EPA, and Inland has received written authorization to begin injection from the Assistant Regional Administrator, or the Assistant Regional Administrator's authorized representative.

Please note that the EPA has changed the Permit Authorization Identification (ID) number **from UT2798 to UT20798.** The Well ID remains UT04660. In all future correspondence to the EPA relative to the Beluga Federal No. 1-18-9-17 please use the ID number **UT20798-04660.** Reference to the Beluga Area Permit will be **UT20798-00000.**

Pages five (5) and six (6) of the enclosed AUTHORIZATION FOR AN ADDITIONAL WELL, PART III. E. (c), identify 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: DIRECTOR: GROUND WATER PROGRAM**, at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



Kerrigan G. Clough
Assistant Regional Administrator
Office of Partnerships and
Regulatory Assistance

enclosures: EPA Form No. 7520-12 (Well Rework Record)
Authorization For An Additional Well

cc w/enclosures: Mr. D. Floyd Wopsock
Chairman
Uintah & Ouray Business Council
Ute Indian Tribe

Ms. Elaine Willie
Environmental Director
Ute Indian Tribe

Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency

Mr. Gil Hunt
State of Utah Natural Resources
Division of Oil, Gas, and Mining

Mr. Jerry Kenczka
BLM - Vernal, UT



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

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

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

WELL NAME: BELUGA FEDERAL NO. 1-18-9-17
WELL PERMIT NUMBER: UT20798-04660

SURFACE LOCATION: 636' FNL & 2186' FEL (NW NE)
Sec. 18 - T9S - R17E
Duchesne County, Utah.

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

UNDERGROUND SOURCE OF DRINKING WATER (USDW): The base of the USDW in the Beluga Federal No. 1-18-9-17 occurs within the Uinta Formation approximately **415 feet** from ground level (GL). The source for the location of the base of the USDW is the STATE OF UTAH: PUBLICATION NO. 2. BASE OF MODERATELY SALINE GROUND WATER IN THE UINTA BASIN, UTAH. Surface casing was set at **279 feet** kelly bushing (KB) and cemented to the surface.

POSTPONEMENT OF CONVERSION: BELUGA FEDERAL NO. 1-18-9-17

The permittee shall notify the Director if the Beluga Federal No. 1-18-9-17 is not converted within one (1) year from the effective date of this Authorization of an Additional Well to the Beluga Area Permit UT20798-00000. Authorization to convert and operate shall expire if the Beluga Federal No. 1-18-9-17 has not been converted, and the application for the addition of the Beluga Federal No. 1-18-9-17 will have to be resubmitted.

CONFINING ZONE REVIEW: BELUGA FEDERAL NO. 1-18-9-17.

The Beluga Area Permit original Statement of Basis does not identify a specific confining zone proximate to the top of the Douglas Creek Member of the Green River Formation. Adjacent to the top of the Douglas Creek Member, in the Beluga Federal No. 1-18-9-17, is a



44-foot (4474 feet to 4518 feet) impermeable shale confining zone. There is no 80% bond index cement bond associated with this confining interval.

The Garden Gulch Member of the Green River Formation was added as an injection zone, by Permit Modification on December 29, 1999. In the Beluga Federal No. 1-18-9-17, the EPA identifies the confining zone directly overlying the top of the Garden Gulch as a 40-foot silty, black organic shale from 3496 feet to 3536 feet (CBL/GR). An EPA analysis of the Cement Bond Log/Gamma Ray (CBL/GR) indicates 80% annulus bond index cement bond (3426 feet to 3590 feet) across the confining interval. In the Beluga Federal No. 1-18-9-17, the top of the Garden Gulch Member is 3536 feet CBL/GR).

An EPA analysis of the **Beluga Federal No. 1-18-9-17** CBL/GR did identify continuous 80% bond index cement bond across the Garden Gulch confining zone, pursuant to standards of Region 8 GROUND WATER SECTION GUIDANCE NO. 34: Cement Bond Logging Techniques and Interpretation. Therefore, it **has been determined** that the cement in this well provides an effective barrier to significant upward movement of fluids through vertical channels adjacent to the wellbore, pursuant to 40 CFR 146.8 (a) (2). The permittee will NOT be required to demonstrate Part II Mechanical Integrity (MI) within a 180-day period of limited authorization to inject.

INJECTION ZONE REVIEW: BELUGA FEDERAL NO. 1-18-9-17

By Minor Permit Modification (December 29, 1999), the Beluga Area Permit identifies the combined gross intervals of the Garden Gulch and the Douglas Creek Members of the Green River Formation as the approved injection zone. In the Beluga Federal No. 1-18-9-17, the top of the Garden Gulch Member is 3536 feet (CBL/GR). The authorized injection zone for this well is 3536 feet to plug back total depth 5445 feet in the Douglas Creek Member.

The injectate is primarily water from the Johnson Water District reservoir ((600 mg/l total dissolved solids (TDS)), and lesser volume of produced Garden Gulch-Douglas Creek Members water (13,346 mg/l TDS).

WELL CONSTRUCTION REVIEW: BELUGA FEDERAL NO. 1-18-9-17

SURFACE CASING: 8-5/8 inch casing is set at 279 feet in a 12-1/4 inch hole, using 225 sacks of Class "G" cement circulated to the surface. The base of the USDW is approximately 415 feet from ground level.

LONGSTRING CASING: 5-1/2 inch casing is set at 5489 feet kelly bushing (KB) in a 7-7/8 inch hole. The 5-1/2 inch casing was cemented with 465 sacks of 50/50 Pozmix.

The operator does not identify the top of cement.



The EPA analysis of the CBL/GR shows the shallowest interval of 80% cement bond index is from 3426 feet to 3590.

PART II. A. CONSTRUCTION REQUIREMENTS FOR ADDITIONAL WELLS

Tubing and Packer:

(Condition 3)

For injection purposes, the **Beluga Federal No 1-18-9-17** will be equipped with 2-7/8 inch tubing with a packer to be set at a depth no higher than 100 feet above the top perforation.

Formation Testing and Logging

(Condition 6)

- (a) Upon conversion of the **Beluga Federal No. 1-18-9-17**, the permittee is required to determine the injection zone **fluid pore pressure** (static bottom hole pressure) prior to commencement of enhanced recovery injection operation. The results of this test shall be submitted to the EPA.
- (b) A **step-rate test (SRT)** shall be performed on the **Beluga Federal No. 1-18-9-17** within three (3) to six (6) months after injection operations are initiated. The results shall be submitted to the EPA. The permittee will contact the EPA prior to conducting the SRT to acquire the most current Guidance for conducting the SRT.

PART II. B.

Corrective Action

As of May 2002, there is one (1) Garden Gulch-Douglas Creek Members oil well, and one (1) Garden Gulch Member oil well within one-quarter (1/4) mile of the proposed injection well.

Garden Gulch Member Oil Well:

Beluga Federal No. 7-18-9-17:

(SW NE Sec. 18 - T9S - R17E)

The confining zone (3456 feet to 3509 feet) immediately above the top of the Garden Gulch Member (3509 feet) has no 80% annulus bond index cement bond. The top of the 80% bond index cement bond is 4329 feet to 4370 feet.

Should fluid leaks be observed at the surface of the Beluga Federal No. 7-18-9-17, the permittee will suspend injection into the Beluga Federal 1-18-9-17, and injection will stay suspended until the non-compliance has been resolved, and renewed injection has been approved in writing by the Director.

Garden Gulch-Douglas Creek Members Oil Well:

Beluga Federal No. 3-18-9-17: (NE NW Sec. 18 - T9S - R17E)
The confining zone (3484 feet to 3544 feet) immediately above the top of the Garden Gulch Member (3544 feet) has no 80% annulus bond index cement bond.

The top of the 80% bond index cement bond is 4156 feet to 4186 feet.

Should fluid leaks be observed at the surface of the Beluga Federal No. 3-18-9-17, the permittee will suspend injection into the Beluga Federal 1-18-9-17, and injection will stay suspended until the non-compliance has been resolved, and renewed injection has been approved in writing by the Director.

PART II. C.

Prior to Commencing Injection (Additional Wells)

(Condition 2)

Beluga Federal No. 1-18-9-17: This document is being issued without authority to inject. Prior to beginning injection, the operator is required to submit the following information for EPA review and written approval:

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

Confirmation that the injectate will be confined to the authorized injection zone:
It has been determined that the annulus cement in this well does provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the wellbore (Part II MI), pursuant to 40 CFR 146.8 (a) (2).

Injection Interval

(Condition 3)

Injection shall be limited to the **gross Garden Gulch and Douglas Creek Members of the Green River Formation**, 3536 feet (KB) (CBL/GR) to 5445 feet (PBTD) in the Douglas Creek Member.

Injection Pressure Limitation

(Condition 4)

Pursuant to Final Area Permit UT20798-00000, Part II. Section C. 4. (b). the maximum surface injection pressure (MIP) shall not exceed 1855 psig. However, from two (2) sand-frac treatments of the Beluga Federal No. 1-18-9-17, the EPA selected the minimum fracture gradient (FG) value of 0.72 psi/ft from which to calculate an MIP of **1139 psig**. Until such time that a step-rate injectivity test (SRT) has been performed, reviewed, and approved by the EPA, the EPA authorizes an initial maximum surface injection pressure (**MIP**) for this well that has been rounded to **1140 psig**.

$$\begin{aligned} \text{MIP} &= [\text{FG} - (0.433)(\text{SG}) \text{ D}] \\ \text{FG} &= 0.72 \text{ psi/ft.} \\ \text{SG} &= 1.005 \\ \text{D} &= 3998 \text{ feet. Top perforation.} \\ \text{MIP} &= [0.72 - (0.433)(1.005) 3998 \end{aligned}$$

$$\text{MIP} = 1139 \text{ psig, } \underline{\text{rounded to 1140 psig.}}$$

Final Area Permit (UT20798-00000), has a provision whereby the operator may request an increase, or decrease, in the maximum surface injection pressure.

PART II. F.Demonstration of Financial Responsibility

(Condition 1)

The applicant has chosen to demonstrate financial responsibility within a \$1,950,000 Surety Bond, and Standby Trust Agreement, that have been reviewed and approved by the EPA. The Beluga Federal No. 1-18-9-17 is included in the financial responsibility demonstration.

PART III. E.Reporting of Noncompliance:

(Condition 10)

- (a) **Anticipated Noncompliance.** The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with Permit requirements.
- (b) **Compliance Schedules.** Reports of compliance or noncompliance with or any progress reports on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted **no later than thirty (30) days following** each schedule date.

- (c) **Written Notice** of any noncompliance which may endanger health or the environment **shall be provided to the Director within five (5) days** of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting:

(Condition 11)

The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning **1.800.227.8917** and **asking for the EPA Region VIII UIC Program Compliance and Enforcement Director**, or by contacting the **Region VIII Emergency Operations Center at 303.293.1788** if calling from outside the EPA Region VIII. The following information shall be included in the verbal report:

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

Oil Spill and Chemical Release Reporting:

(Condition 12)

The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National response Center (NRC) at 1.800.424.8802, or 202.267.2675**, or through the **NRC website at <http://www.nrc.uscg.mil/index.htm>**.

Other Noncompliance:

(Condition 13)

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

Other Information:

(Condition 14)

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

APPENDIX C

PLUGGING AND ABANDONMENT: The Plugging and Abandonment (P&A) Plan (Application Attachment Q-2) submitted by the applicant has been reviewed, modified, and approved by the EPA. Plugs No. 5 and No. 6 are deeper than proposed by the permittee. The P&A Plan is consistent with EPA requirements to protect all USDWs. The permittee will place 9.2 ppg plugging gel or bentonite mud between all cement plugs.

PLUG NO. 1: Set a cement plug inside of the 5-1/2 inch casing from 5324 feet to 5480 feet.

PLUG NO. 2: Set a cement plug inside of the 5-1/2 inch casing from 4344 feet to 5100 feet.

PLUG NO. 3: Set a cement plug inside of the 5-1/2 inch casing from 3318 feet to 4088 feet.

PLUG NO. 4: Set a cement plug inside of the 5-1/2 inch casing from 2000 feet to 2200 feet.

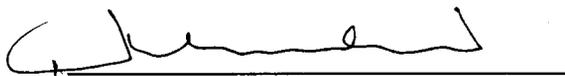
PLUG NO. 5: Set a cement plug, on the inside of the 5-1/2 inch casing, from 229 feet to 465 feet. Base of USDW is 415 feet.

PLUG NO. 6: Set a cement plug, on the backside of the 5-1/2 inch casing, from surface to a depth 465 feet. Base of USDW is 415 feet.

PLUG NO. 7: Set a cement plug, on the inside of the 5-1/2 inch casing, from the surface to a depth of 50 feet.

This authorization for well conversion of the Beluga No. 1-18-9-17 to an enhanced recovery injection well becomes effective upon signature.

Date: MAY 15 2002



Kerrigan G. Clough
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance



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



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		

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
 USA UTU-3563

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
 BELUGA UNIT

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
 FEDERAL 1-18

2. NAME OF OPERATOR:
 NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
 4301330332

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

10. FIELD AND POOL, OR WILDCAT:
 MONUMENT BUTTE

4. LOCATION OF WELL:
 FOOTAGES AT SURFACE: 636 FNL 2186 FEL COUNTY: DUCHESNE
 OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNE, 18, T9S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <u>07/03/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input checked="" type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 The above reference well was is a TA injection well.

Converted 1 WI, eff 11/26/02 per Operator/CMD

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

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager
 SIGNATURE  DATE 07/03/2007

(This space for State use only)

RECEIVED
JUL 05 2007
 DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-3563
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: FEDERAL 1-18
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013303320000
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0636 FNL 2186 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 18 Township: 09.0S Range: 17.0E Meridian: S	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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/20/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input checked="" type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Newfield Production Company requests the approval for the following work on subject well. 1) Pull existing equipment from the wellbore. 2) Set CIBP above and within 50 feet of top perforation 3) Dump 10 feet of cement on top 4) Pressure test to 1000 psi for 30 minutes 5) Will be put on injection with approval of pending injection and R-O-W permits Please contact Wayne Baud at 303-383-4139 with any questions.

Accepted by the Utah Division of Oil, Gas and Mining

Date: May 05, 2010

By: *Don K. Baud*

NAME (PLEASE PRINT) Sam Styles	PHONE NUMBER 303 893-0102	TITLE Engineering Tech
SIGNATURE N/A		DATE 5/3/2010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

Ref: 8P-W-UIC

MAR 20 2012

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED

MAR 28 2012

DIV. OF OIL, GAS & MINING

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

RE: Underground Injection Control (UIC)
Additional Well to Beluga Area Permit
EPA UIC Permit UT20798-09437
Well: Beluga Federal 1-18-9-17
NWNE Sec. 18- T9S-R17E
Duchesne County, Utah
API No.: 43-013-30332

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Beluga Federal 1-18-9-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Beluga Area Permit No. UT20798-00000 and subsequent modifications.

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

If you have any questions, please call Jason Deardorff at (303) 312-6583 or (800) 227-8917, extension 312-6583. Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-UIC.

Sincerely,



for Callie A. Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well
Wellbore Schematic for Beluga Federal 1-18-9-17

cc: Letter Only:

Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Ronald Wopsock, Vice-Chairman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

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

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

Fluid Minerals Engineering Office
BLM - Vernal Office

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20798-00000

The Beluga Unit Final UIC Area Permit UT20798-00000, effective October 25, 1996, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On December 13, 2011, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	Beluga Federal 1-18-9-17
EPA Permit ID Number:	UT20798-09437
Location:	636' FNL & 2186' FEL NWNE Sec. 18-T9S-R17E Duchesne County, Utah API #43-013-30332

Pursuant to 40 CFR §144.33, Area UIC Permit UT20798-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

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

This Authorization is effective upon signature.

Date:

3/19/12



Callie A. Videtich

*Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

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

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Beluga Federal 1-18-9-17**
EPA Well ID Number: **UT20798-09437**

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

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

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

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

Approved Injection Interval: The injection interval is the part of the injection zone where fluids are directly emplaced. The approved injection interval for this well is from the top of the Garden Gulch Sand #2 to the top of the Wasatch Formation. Additional injection perforations may be added provided that they remain within the approved injection interval. Injection between the outermost casing protecting USDWs and the well bore is prohibited.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is **1,300 psig**, based on the calculation $MAIP = [FG - (0.433)(SG)] * D$, where "FG" is the fracture gradient, "SG" is the specific gravity of injectate and "D" is the Kelly Bushing depth to the shallowest casing perforation. For this well, FG is 0.82 psi/ft, SG is 1.015 and D is 3,418 ft.

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

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

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

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.

- (2) EPA reviewed the cementing records and determined the cement will provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR §146.8 (a)(2). Therefore, further demonstration of Part II (external) Mechanical Integrity is not required at this time.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Surety Bond in the amount of \$42,000 and a Standby Trust Agreement that have been approved by EPA. The Director may revise the amount required and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

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

- (1) Isolate the injection zone: Remove down hole apparatus from the well and perform necessary clean out; displace well fluid with plugging gel. Set a cast iron bridge plug (CIBP) within the innermost casing string no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.
- (2) Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Mahogany Oil Shale and Trona-Bird's Nest water zone, from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.
- (3) Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing string to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing string, centered on the contact between the Green River Formation and Uinta Formation.

(4) Isolate Surface Fluid Migration Paths:

- a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval; OR
- b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND
- c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Beluga Federal 1-18-9-17**
EPA Well ID Number: **UT20798-09437**

Underground Sources of Drinking Water (USDWs): USDWs in the Beluga Unit Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 413 ft. below ground surface in the Beluga Federal 1-18-9-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well. Freshening of the injection zone due to the injection of relatively fresh water for the purpose of enhanced oil recovery has been demonstrated to be occurring in parts of the Monument Butte Field, including this permit area.

http:NRWRT1.NR.STATE.UT.US: According to the state of Utah, any water wells present within the permit area are shallow and do not intersect the injection zone.

Composition of Source, Formation, and Injectate Water: A water sample analysis was not required as part of the application to add this well to the area permit because EPA considers the water quality of the injection zone to be well documented. Area UIC Permit UT20771-00000 and Statement of Basis describe originally in place formation fluid within the injection zone to be greater than 10,000 mg/l Total Dissolved Solids (TDS) content. However, due to injection of relatively fresh water for the purpose of enhanced oil recovery within the permit area, produced water samples showing TDS values less than 10,000 mg/l have occurred and this occurrence has been observed to increase in frequency with time. Newfield has demonstrated and EPA has confirmed that freshening of the injection zone is occurring and that more recent water samples showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the injection zone to be a temporary, artificial condition and therefore does not require an aquifer

*Authorization for Additional Well: UIC Area Permit UT20798-00000
Well Beluga Federal 1-18-9-17 EPA Well ID: UT20798-09437*

exemption to allow injection to occur.

The injectate is water from a Monument Butte Field Injection Facility and consists of culinary water from the Johnson Water District and/or water from the Green River, blended with produced Green River Formation water and resulting in TDS content less than 10,000 mg/l.

Confining Zone: A *Confining Zone* is a geological formation, group of formations, or part of a formation that is capable of limiting fluid movement above an injection zone. The designated Confining Zone for this well consists of three interbedded, thick impervious shales, confining marlstones and siltstones. The Confining Zone extends from approximately 200 feet above the Garden Gulch Marker to the top of the Garden Gulch Number 2 Sand within the Garden Gulch Member of the Green River Formation. This interval is found between the depths of 3,970 feet to 4,466 feet in the Federal 1-26-8-17 Type Gamma Log for the Monument Butte Field.

Injection Zone: An *injection zone* is a geological formation, group of formations, or part of a formation that receives fluids through a well. The Injection Zone for this well consists of the lower part of the Garden Gulch member starting at the top of the Garden Gulch #2 Sand and includes the Douglas Creek and Basal Carbonate members of the Green River Formation to the top of the Wasatch Formation.

Well Construction: This well was constructed according to BLM requirements and controls for production wells at the time of well completion. EPA has reviewed and approved the construction and determined that it is adequate to protect USDWs.

Surface Casing: 8-5/8" casing is set at 279 ft. in a 12-1/4" hole, using 225 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,489 ft. in a 7-7/8" hole secured with 465 sacks of cement. Total driller depth is 5,489 ft. Plugged back total depth is 5,445 ft. EPA calculates top of cement at 896 ft. Estimated CBL top of cement is 3,400 ft.

Perforations: Top perforation: 3,418 ft. Bottom perforation: 5,430 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following five wells that penetrate the confining zone within or proximate to a ¼-mile radius around the Beluga Federal 1-18-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Beluga 3-18-9-17 API: 43-013-32050 NENW Sec. 18-T9S-R17E
Cement Bond log show adequate cement and the top of cement is above the base of the Confining Zone.

GMB G-18-9-17 API: 43-013-50499 NENW Sec.18-T9S-R17E
Cement Bond log shows adequate cement and the top of cement is above the base of the
Confining zone. A directional hole, SHL-SWNW, BHL-NENW

Balcron MB Federal 41-18 API: 43-013-31399 NENE Sec. 18-T9S-R17E
P&A 11/14/93 Approved by BLM. No CBL run

Beluga 14-7-9-17 API: 43-013-32049 SESW Sec. 7-T9S-R17E
This is an injection well under Permit UT 20798-04545

Beluga 15-7-9-17 API: 43-013-31579 SWSE Sec. 7-T9S-R17E
Cement Bond log shows adequate cement and the top of cement is above the base of the
Confining Zone.

No Corrective Action Required on AOR wells: EPA reviewed all wells penetrating the
Confining Zone within a ¼-mile radius of the proposed injection well and determined that
cement in these wells is adequate to prevent the movement of fluid into USDWs. Top of cement
is above the base of the Confining Zone in all AOR wells.

Reporting of Noncompliance:

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

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

- 1) Any monitoring or other information which indicates that any contaminant may cause an

endangerment to an underground source of drinking water.

- 2) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

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

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

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

Pomco Federal 1-18-9-17

Spud Date: 10/04/75
 Put on Production: 12/13/75
 GL: 5415' KB: 5426'

Initial Production: 20 BOPD, 8 MCFG, 0 BWPD

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

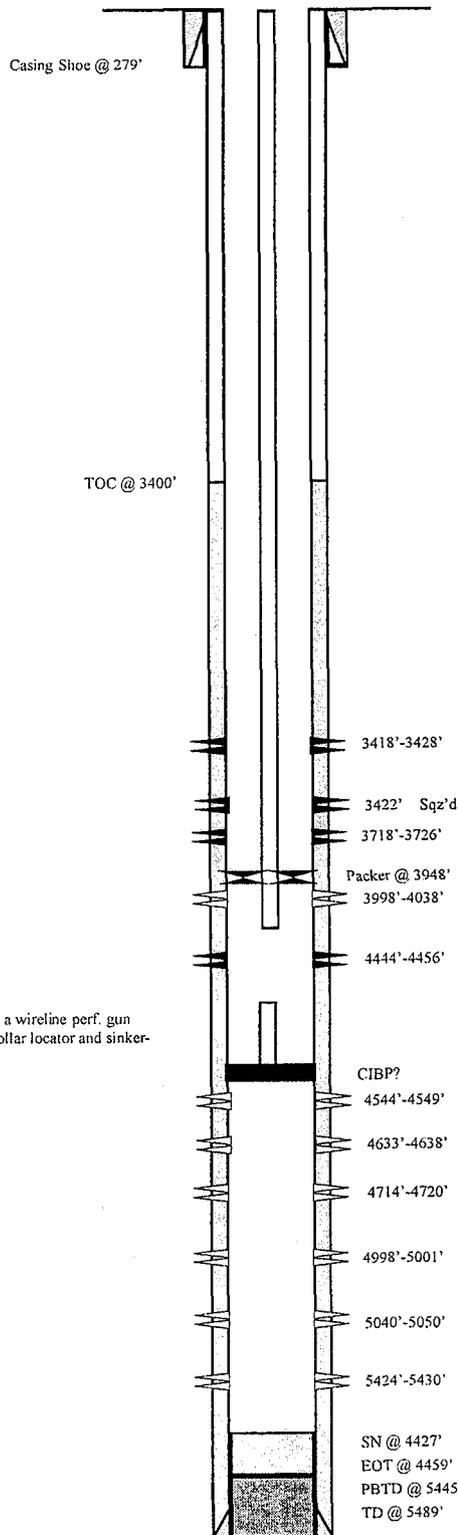
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: ? jts. (5478")
 DEPTH LANDED: 5489'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 465 sx 50/50 Poz
 CEMENT TOP AT: 3400'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 No. of jts: 140 jts (4426.59')
 TUBING ANCHOR: ?
 SEAT NIPPLE: 4427.69' KB
 No. of jts: 140 jts (4426.59')
 STRING LENGTH: EOT @ 4459.89' KB

Fish reported in hole (8/17/83). Possibly a wireline perf. gun based on file records. Include a casing collar locator and sinker-bar. Top of fish at 4485'.

Proposed Injection Wellbore Diagram



FRAC JOB

Date	Depth Range	Description
11-10-75	5424'-5430'	Frac w/ 13,000# 20/40 sand + 2000# 10-20 sand in 262 bbl gelled water. Avg. treating press. 4500 psi @ 19 BPM, ISIP 1500 PSI.
11-10-75	5040'-5050'	Frac w/ 13,000# 20/40 sand + 2000# 10-20 sand in 262 bbl gelled water. Avg. treating press. 3800 psi @ 19 BPM, ISIP 1900 PSI.
11-10-75	4998'-5001'	Frac w/ 10,000# 20/40 sand + 2000# 10-20 sand in 214 bbl gelled water. Avg. treating press. 3750 psi @ 14 BPM ISIP 1900 PSI.
3-7-76	4544'-4720'	Frac w/ 25,000# 20-40 sand + 10,000# 10-20 sand in 714 bbl MY-T-FRAC. Avg. treating press. 2500 psi @ 35 BPM ISIP 1900 PSI.
9-12-77	4444'-4456'	Frac w/ 31,000# 10-20 sand in 404 bbl 2% KCl. Avg. treating press. 3580 psi @ 17.5 BPM. Screened out.
8-25-83	3998'-4038'	Frac w/ 14,000# 20-40 sand in 349 bbl 2% KCl. Avg. treating press. 3000 psi @ 13 BPM. ISIP 3500 psi. Screened out.
8-30-83	4444'-4456'	Frac w/ 39,700# 10-20 sand. (Reported, not verified)

PERFORATION RECORD

Date	Depth Range	SPF	Holes
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'-4549'	1 SPF	5 holes
9-10-77	4444'-4456'	1 SPF	12 holes
7-27-80	3422'	2 SPF	Block sqz.
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

NEWFIELD

Pomco Federal 1-18-9-17

636 FNL & 2186 FEL
 NW/NE Section 18-T9S-R17E
 Duchesne Co, Utah

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



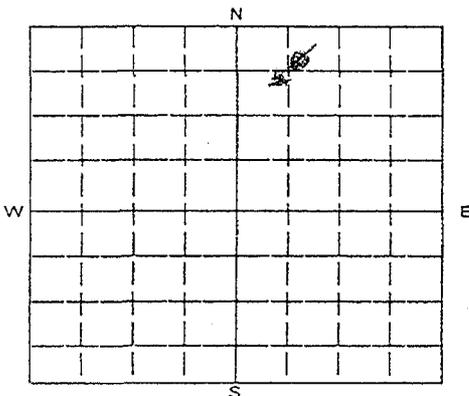
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

PLUGGING AND ABANDONMENT PLAN

NAME AND ADDRESS OF FACILITY
Beluga Fed #1-18-9-17
Duchesne County, Utah

NAME AND ADDRESS OF OWNER/OPERATOR
Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES



STATE Utah COUNTY Duchesne PERMIT NUMBER 43-013-30332

SURFACE LOCATION DESCRIPTION
% OF NW % OF NE SECTION 18 TOWNSHIP 9S RANGE 17E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface
Location 636 ft. from (N/S) N Line of quarter section
and 2186 ft. from (E/W) E Line of quarter section

TYPE OF AUTHORIZATION
 Individual Permit
 Area Permit
 Rule
Number of Wells 14
Lease Name Beluga Federal

WELL ACTIVITY
 CLASS I
 CLASS II
 Brine Disposal
 Enhanced Recovery
 Hydrocarbon Storage
 CLASS III
Well Number #1-18-9-17

CASING AND TUBING RECORD AFTER PLUGGING

METHOD OF EMPLACEMENT OF CEMENT PLUGS

SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
8-5/8"	24	279'	279'	12-1/4"
5-1/2"	15.5	5489'	5489'	7-7/8"

- The Balance Method
 The Dump Bailer Method
 The Two-Plug Method
 Other

CEMENTING TO PLUG AND ABANDON DATA:	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will be Placed (inches)	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	annulus
Depth to Bottom of Tubing or Drill Pipe (ft.)	5489'	5489'	5489'	5489'	5489'	5489'	5489'
Sacks of Cement To Be Used (each plug)	20	80	90	25 sx	10	10 sx	10 sx
Slurry Volume To Be Pumped (cu. Ft.)							
Calculated Top of Plug (ft.)	5325'	4344'	3318'	2000'	229'	surface	surface
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)	15.8	15.8	15.8	15.8	15.8	15.8	15.8
Type Cement or Other Material (Class III)	Class G						

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)

From	To	From	To
no open holes			

Estimated Cost to Plug Wells \$18,000

CERTIFICATION

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

NAME AND OFFICIAL TITLE (Please type or print)
William T. War
Vice President

SIGNATURE

DATE SIGNED
10/26/01



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

Ref: 8P-W-UIC

MAR 20 2012

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED

MAR 28 2012

DIV. OF OIL, GAS & MINING

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

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Additional Well to Beluga Area Permit
EPA UIC Permit UT20798-09437
Well: Beluga Federal 1-18-9-17
NWNE Sec. 18- T9S-R17E
Duchesne County, Utah
API No.: 43-013-30332

Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Beluga Federal 1-18-9-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Beluga Area Permit No. UT20798-00000 and subsequent modifications.

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

If you have any questions, please call Jason Deardorff at (303) 312-6583 or (800) 227-8917, extension 312-6583. Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-UIC.

Sincerely,



for
Callie A. Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well
Wellbore Schematic for Beluga Federal 1-18-9-17

cc: Letter Only:

Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Ronald Wopsock, Vice-Chairman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

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

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

Fluid Minerals Engineering Office
BLM - Vernal Office

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20798-00000

The Beluga Unit Final UIC Area Permit UT20798-00000, effective October 25, 1996, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On December 13, 2011, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	Beluga Federal 1-18-9-17
EPA Permit ID Number:	UT20798-09437
Location:	636' FNL & 2186' FEL NWNE Sec. 18-T9S-R17E Duchesne County, Utah API #43-013-30332

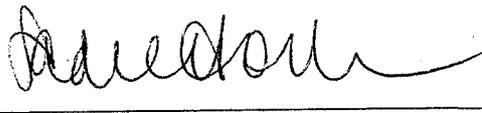
Pursuant to 40 CFR §144.33, Area UIC Permit UT20798-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

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

This Authorization is effective upon signature.

Date:

3/19/12



Callie A. Videtich

*Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

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

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Beluga Federal 1-18-9-17**
EPA Well ID Number: **UT20798-09437**

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

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

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

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

Approved Injection Interval: The injection interval is the part of the injection zone where fluids are directly emplaced. The approved injection interval for this well is from the top of the Garden Gulch Sand #2 to the top of the Wasatch Formation. Additional injection perforations may be added provided that they remain within the approved injection interval. Injection between the outermost casing protecting USDWs and the well bore is prohibited.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is **1,300 psig**, based on the calculation $MAIP = [FG - (0.433)(SG)] * D$, where "FG" is the fracture gradient, "SG" is the specific gravity of injectate and "D" is the Kelly Bushing depth to the shallowest casing perforation. For this well, FG is 0.82 psi/ft, SG is 1.015 and D is 3,418 ft.

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

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

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

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.

- (2) EPA reviewed the cementing records and determined the cement will provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR §146.8 (a)(2). Therefore, further demonstration of Part II (external) Mechanical Integrity is not required at this time.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Surety Bond in the amount of \$42,000 and a Standby Trust Agreement that have been approved by EPA. The Director may revise the amount required and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

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

- (1) Isolate the injection zone: Remove down hole apparatus from the well and perform necessary clean out; displace well fluid with plugging gel. Set a cast iron bridge plug (CIBP) within the innermost casing string no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.
- (2) Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Mahogany Oil Shale and Trona-Bird's Nest water zone, from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.
- (3) Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing string to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing string, centered on the contact between the Green River Formation and Uinta Formation.

(4) Isolate Surface Fluid Migration Paths:

- a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval; OR
- b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND
- c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Beluga Federal 1-18-9-17**
EPA Well ID Number: **UT20798-09437**

Underground Sources of Drinking Water (USDWs): USDWs in the Beluga Unit Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 413 ft. below ground surface in the Beluga Federal 1-18-9-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well. Freshening of the injection zone due to the injection of relatively fresh water for the purpose of enhanced oil recovery has been demonstrated to be occurring in parts of the Monument Butte Field, including this permit area.

http:NRWRT1.NR.STATE.UT.US: According to the state of Utah, any water wells present within the permit area are shallow and do not intersect the injection zone.

Composition of Source, Formation, and Injectate Water: A water sample analysis was not required as part of the application to add this well to the area permit because EPA considers the water quality of the injection zone to be well documented. Area UIC Permit UT20771-00000 and Statement of Basis describe originally in place formation fluid within the injection zone to be greater than 10,000 mg/l Total Dissolved Solids (TDS) content. However, due to injection of relatively fresh water for the purpose of enhanced oil recovery within the permit area, produced water samples showing TDS values less than 10,000 mg/l have occurred and this occurrence has been observed to increase in frequency with time. Newfield has demonstrated and EPA has confirmed that freshening of the injection zone is occurring and that more recent water samples showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the injection zone to be a temporary, artificial condition and therefore does not require an aquifer

*Authorization for Additional Well: UIC Area Permit UT20798-00000
Well Beluga Federal 1-18-9-17 EPA Well ID: UT20798-09437*

exemption to allow injection to occur.

The injectate is water from a Monument Butte Field Injection Facility and consists of culinary water from the Johnson Water District and/or water from the Green River, blended with produced Green River Formation water and resulting in TDS content less than 10,000 mg/l.

Confining Zone: A *Confining Zone* is a geological formation, group of formations, or part of a formation that is capable of limiting fluid movement above an injection zone. The designated Confining Zone for this well consists of three interbedded, thick impervious shales, confining marlstones and siltstones. The Confining Zone extends from approximately 200 feet above the Garden Gulch Marker to the top of the Garden Gulch Number 2 Sand within the Garden Gulch Member of the Green River Formation. This interval is found between the depths of 3,970 feet to 4,466 feet in the Federal 1-26-8-17 Type Gamma Log for the Monument Butte Field.

Injection Zone: An *injection zone* is a geological formation, group of formations, or part of a formation that receives fluids through a well. The Injection Zone for this well consists of the lower part of the Garden Gulch member starting at the top of the Garden Gulch #2 Sand and includes the Douglas Creek and Basal Carbonate members of the Green River Formation to the top of the Wasatch Formation.

Well Construction: This well was constructed according to BLM requirements and controls for production wells at the time of well completion. EPA has reviewed and approved the construction and determined that it is adequate to protect USDWs.

Surface Casing: 8-5/8" casing is set at 279 ft. in a 12-1/4" hole, using 225 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,489 ft. in a 7-7/8" hole secured with 465 sacks of cement. Total driller depth is 5,489 ft. Plugged back total depth is 5,445 ft. EPA calculates top of cement at 896 ft. Estimated CBL top of cement is 3,400 ft.

Perforations: Top perforation: 3,418 ft. Bottom perforation: 5,430 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following five wells that penetrate the confining zone within or proximate to a ¼-mile radius around the Beluga Federal 1-18-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Beluga 3-18-9-17 API: 43-013-32050 NENW Sec. 18-T9S-R17E
Cement Bond log show adequate cement and the top of cement is above the base of the Confining Zone.

GMB G-18-9-17 API: 43-013-50499 NENW Sec.18-T9S-R17E
Cement Bond log shows adequate cement and the top of cement is above the base of the
Confining zone. A directional hole, SHL-SWNW, BHL-NENW

Balcron MB Federal 41-18 API: 43-013-31399 NENE Sec. 18-T9S-R17E
P&A 11/14/93 Approved by BLM. No CBL run

Beluga 14-7-9-17 API: 43-013-32049 SESW Sec. 7-T9S-R17E
This is an injection well under Permit UT 20798-04545

Beluga 15-7-9-17 API: 43-013-31579 SWSE Sec. 7-T9S-R17E
Cement Bond log shows adequate cement and the top of cement is above the base of the
Confining Zone.

No Corrective Action Required on AOR wells: EPA reviewed all wells penetrating the
Confining Zone within a ¼-mile radius of the proposed injection well and determined that
cement in these wells is adequate to prevent the movement of fluid into USDWs. Top of cement
is above the base of the Confining Zone in all AOR wells.

Reporting of Noncompliance:

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

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

- 1) Any monitoring or other information which indicates that any contaminant may cause an

endangerment to an underground source of drinking water.

- 2) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

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

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

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

Pomco Federal 1-18-9-17

Spud Date: 10/04/75
 Put on Production: 12/13/75
 GL: 5415' KB: 5426'

Initial Production: 20 BOPD, 8 MCFG, 0 BWPD

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

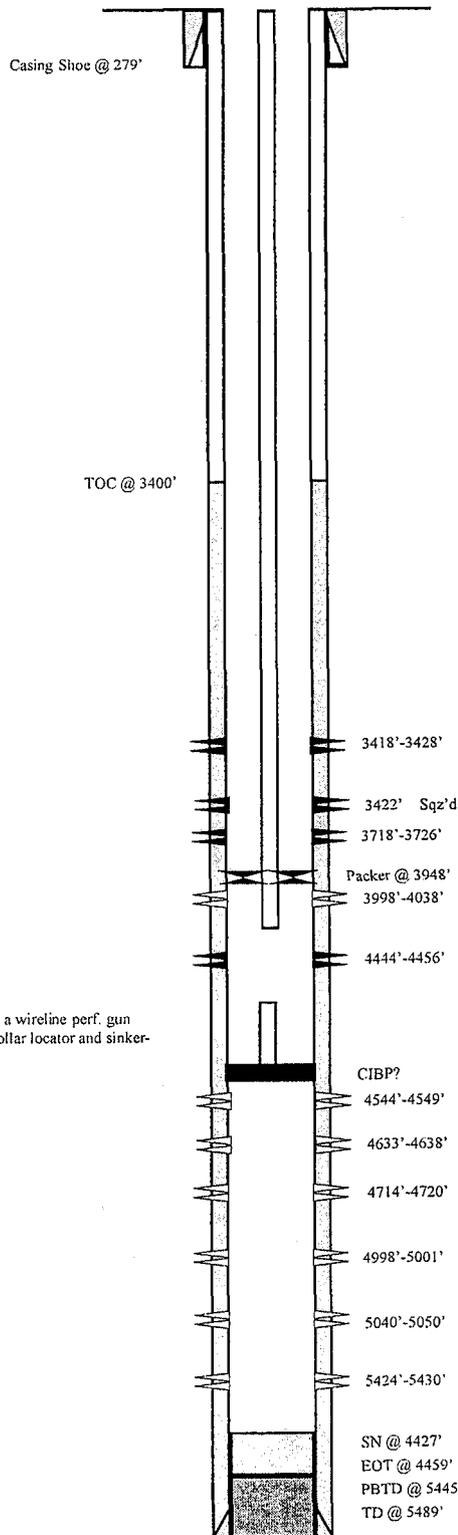
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: ? jts. (5478")
 DEPTH LANDED: 5489'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 465 sx 50/50 Poz
 CEMENT TOP AT: 3400'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 No. of jts: 140 jts (4426.59')
 TUBING ANCHOR: ?
 SEAT NIPPLE: 4427.69' KB
 No. of jts: 140 jts (4426.59')
 STRING LENGTH: EOT @ 4459.89' KB

Fish reported in hole (8/17/83). Possibly a wireline perf. gun based on file records. Include a casing collar locator and sinker-bar. Top of fish at 4485'.

Proposed Injection Wellbore Diagram



FRAC JOB

Date	Depth Range	Description
11-10-75	5424'-5430'	Frac w/ 13,000# 20/40 sand + 2000# 10-20 sand in 262 bbl gelled water. Avg. treating press. 4500 psi @ 19 BPM, ISIP 1500 PSI.
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9-12-77	4444'-4456'	Frac w/ 31,000# 10-20 sand in 404 bbl 2% KCl. Avg. treating press. 3580 psi @ 17.5 BPM. Screened out.
8-25-83	3998'-4038'	Frac w/ 14,000# 20-40 sand in 349 bbl 2% KCl. Avg. treating press. 3000 psi @ 13 BPM. ISIP 3500 psi. Screened out.
8-30-83	4444'-4456'	Frac w/ 39,700# 10-20 sand. (Reported, not verified)

PERFORATION RECORD

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3-3-76	4714'-4720'	1 SPF	6 holes
3-3-76	4633'-4638'	1 SPF	5 holes
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NEWFIELD

Pomco Federal 1-18-9-17
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 Duchesne Co, Utah

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



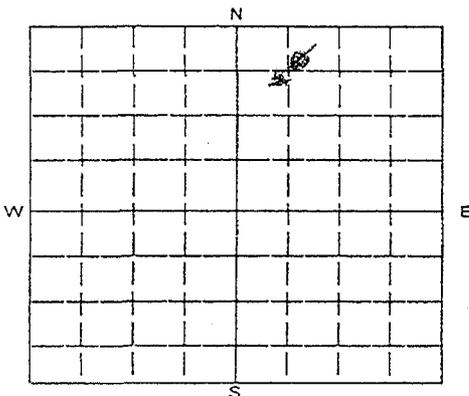
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

PLUGGING AND ABANDONMENT PLAN

NAME AND ADDRESS OF FACILITY
Beluga Fed #1-18-9-17
Duchesne County, Utah

NAME AND ADDRESS OF OWNER/OPERATOR
Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES



STATE Utah COUNTY Duchesne PERMIT NUMBER 43-013-30332

SURFACE LOCATION DESCRIPTION
% OF NW % OF NE SECTION 18 TOWNSHIP 9S RANGE 17E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
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and 2186 ft. from (E/W) E Line of quarter section

TYPE OF AUTHORIZATION
 Individual Permit
 Area Permit
 Rule
Number of Wells 14
Lease Name Beluga Federal

WELL ACTIVITY
 CLASS I
 CLASS II
 Brine Disposal
 Enhanced Recovery
 Hydrocarbon Storage
 CLASS III
Well Number #1-18-9-17

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
8-5/8"	24	279'	279'	12-1/4"
5-1/2"	15.5	5489'	5489'	7-7/8"

METHOD OF EMPLACEMENT OF CEMENT PLUGS

- The Balance Method
 The Dump Bailer Method
 The Two-Plug Method
 Other

CEMENTING TO PLUG AND ABANDON DATA:	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will be Placed (inches)	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	annulus
Depth to Bottom of Tubing or Drill Pipe (ft.)	5489'	5489'	5489'	5489'	5489'	5489'	5489'
Sacks of Cement To Be Used (each plug)	20	80	90	25 sx	10	10 sx	10 sx
Slurry Volume To Be Pumped (cu. Ft.)							
Calculated Top of Plug (ft.)	5325'	4344'	3318'	2000'	229'	surface	surface
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)	15.8	15.8	15.8	15.8	15.8	15.8	15.8
Type Cement or Other Material (Class III)	Class G						

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)

From	To	From	To
no open holes			

Estimated Cost to Plug Wells \$18,000

CERTIFICATION

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

NAME AND OFFICIAL TITLE (Please type or print)
William T. War
Vice President

SIGNATURE

DATE SIGNED
10/26/01

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-3563
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: FEDERAL 1-18	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013303320000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0636 FNL 2186 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 18 Township: 09.0S Range: 17.0E Meridian: S	COUNTY: DUCHESNE	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/14/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" 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"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The subject well has been converted from a producing oil well to an injection well on 05/03/2012. On 05/07/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/14/2012 the casing was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# <div style="text-align: center;">UT20798-09437</div>		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 04, 2012
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/29/2012	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 5, 14, 2012
 Test conducted by: Cody Marx
 Others present: _____

Well Name: <u>Federal 1-18-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NW/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>Cody Marx</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: 1520 psig

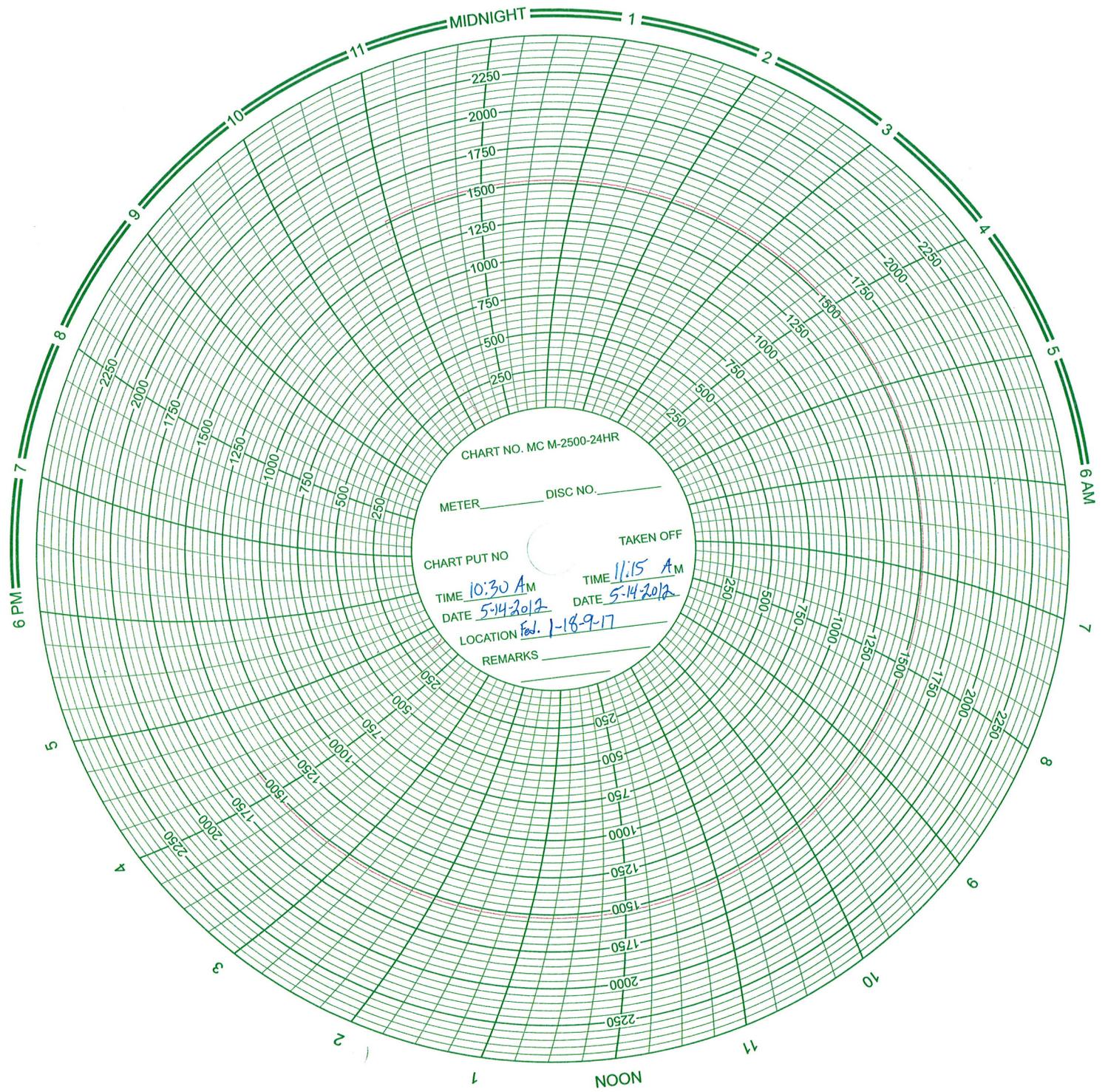
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	0 psig	psig	psig
End of test pressure	0 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1520 psig	psig	psig
5 minutes	1520 psig	psig	psig
10 minutes	1520 psig	psig	psig
15 minutes	1520 psig	psig	psig
20 minutes	1520 psig	psig	psig
25 minutes	1520 psig	psig	psig
30 minutes	1520 psig	psig	psig
<u>45</u> minutes	1520 psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____



Daily Activity Report

Format For Sundry

FEDERAL 1-18-9-17

3/1/2012 To 7/30/2012

4/20/2012 Day: 1

Conversion

NC #2 on 4/20/2012 - MIRUSU, POOH W/- Tbg - Move From The Mon 32-1J-9-16 To The Pomco 1-18-9-17, MIRUSU, R/U H/Oiler To Tbg, Pmp 60 Bbls Wtr, R/D Wellhead, R/U 5k Wellhead, R/U Weatherford BOPS, POOH W/- 140- Jts Tbg, X-Over From 2 7/8" To 2 3/8", 2 3/8" NC, P/U & RIH W/- Fishing Tools, 145- Jts Tbg, Circ Clean, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - Move From The Mon 32-1J-9-16 To The Pomco 1-18-9-17, MIRUSU, R/U H/Oiler To Tbg, Pmp 60 Bbls Wtr, R/D Wellhead, R/U 5k Wellhead, R/U Weatherford BOPS, POOH W/- 140- Jts Tbg, X-Over From 2 7/8" To 2 3/8", 2 3/8" NC, P/U & RIH W/- Fishing Tools, 145- Jts Tbg, Circ Clean, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$7,950

4/23/2012 Day: 2

Conversion

NC #2 on 4/23/2012 - RIH W/- EV Camera, Try To Work Over The Top Of Fish - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U The Perforators Wireline & EV Camera, RIH W/- Camera, Look At Fish Top @ 4490', Had Some Sediment On Top, Lower Tbg To Tag Fish Top, R/U H/Oiler To Tbg, Pmp 30 Bbls Wtr, Pull Back Off W/- Tbg, Try To See Fish Top, The Lenses On The Camera Looked A Little Cloudy, POOH W/- Wireline, Clean Lenses, RIH W/- Camera, Pmp 30 Bbls Wtr While RIH, Look @ Fish Top Again, Suspected Cement Or Cast Iron, POOH W/- Wireline, R/D The Perforators & EV Camera, R/U Nabors Pwr Swvl, Try To Work Over The Top Of Fish, Made Approx. 2" Of Hole, R/D Pwr Swvl, L/D 5 Jts Tbg, POOH W/- 135- Jts Tbg, Washover & Shoe, Look Shoe Over, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U The Perforators Wireline & EV Camera, RIH W/- Camera, Look At Fish Top @ 4490', Had Some Sediment On Top, Lower Tbg To Tag Fish Top, R/U H/Oiler To Tbg, Pmp 30 Bbls Wtr, Pull Back Off W/- Tbg, Try To See Fish Top, The Lenses On The Camera Looked A Little Cloudy, POOH W/- Wireline, Clean Lenses, RIH W/- Camera, Pmp 30 Bbls Wtr While RIH, Look @ Fish Top Again, Suspected Cement Or Cast Iron, POOH W/- Wireline, R/D The Perforators & EV Camera, R/U Nabors Pwr Swvl, Try To Work Over The Top Of Fish, Made Approx. 2" Of Hole, R/D Pwr Swvl, L/D 5 Jts Tbg, POOH W/- 135- Jts Tbg, Washover & Shoe, Look Shoe Over, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$29,770

4/24/2012 Day: 3

Conversion

NC #2 on 4/24/2012 - TIH W/- Tbg, Try To Make Fish Neck Fishable - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Bleed Well Down, No Pressure On Csg Or Tbg, P/U & TIH W/- 4 1/2"Hyd. "Insert" Kutrite Shoe, Top Bushing (2 7/8" Reg x 4 1/2" Hyd), XO Sub (2 3/8" Reg x 2 7/8" Reg), Allionce LBS (2 3/8" Reg), Allionce Jars (2 3/8" Reg), 4- Drill Collars (2 3/8" Reg), XO Sub (2 7/8" EUE x 2 3/8" Reg), Tbg Pup Jt (2 7/8" N-80), 140- Jts Tbg, R/U Nabors Pwr Swvl, Start To Try To Make Some Hole, Getting Back Metal Shavings Back In Returns, Made Approx. 18", Fish May Have Fallen To PBDT, Swvl In The Hole W/- 30 Jts Tbg, Chase Fish To Bttm, Tbg Hanging Up On Suspected Scale While Following Fish To Bttm, Quit Making Hole @ 4685', Fish Was Hanging Up Coming Up & Going Down, Work Tbg Back And Forth Until Got To Start Moving, Start To POOH W/- Tbg, POOH W/- 44 Jts Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Bleed Well Down, No Pressure On

Csg Or Tbg, P/U & TIH W/- 4 1/2"Hyd. "Insert" Kutrite Shoe, Top Bushing (2 7/8" Reg x 4 1/2" Hyd), XO Sub (2 3/8" Reg x 2 7/8" Reg), Allionce LBS (2 3/8" Reg), Allionce Jars (2 3/8" Reg), 4- Drill Collars (2 3/8" Reg), XO Sub (2 7/8" EUE x 2 3/8" Reg), Tbg Pup Jt (2 7/8" N-80), 140- Jts Tbg, R/U Nabors Pwr Swvle, Start To Try To Make Some Hole, Getting Back Metal Shavings Back In Returns, Made Approx. 18", Fish May Have Fallen To PBSD, Swvl In The Hole W/- 30 Jts Tbg, Chase Fish To Bttm, Tbg Hanging Up On Suspected Scale While Following Fish To Bttm, Quit Making Hole @ 4685', Fish Was Hanging Up Coming Up & Going Down, Work Tbg Back And Forth Until Got To Start Moving, Start To POOH W/- Tbg, POOH W/- 44 Jts Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM.

Daily Cost: \$0

Cumulative Cost: \$38,157

4/25/2012 Day: 4**Conversion**

NC #2 on 4/25/2012 - Try To Fish - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 100 Jts Tbg, 2 7/8" Pup Jt, XO Sub, 4- Drill Collars, Jars, Allionce LBS, XO Sub, Top Bushing, Shoe, Steam Off Tools, Inspect Shoe, P/U & TIH W/- Fishing Tools, 144- Jts Tbg, Fish Right Where we Left It, Try To Latch Onto Fish, Thought We Had A Bite, Pulled Up, Pulled Over Approx. 30,000 Lbs, Came Back Down To Try Again, No Fish, P/U 22- Jts Tbg, Found Fish Top @ 5421', Try To Latch On To Fish Top Again, Can't Tell If We Had A Bite, Rig Maintenance, POOH W/- 166- Jts Tbg, Fishing Tools, Clean & Inspect Fishing Tools, Suspected 2 1/8" Fish Neck, Going To TIH W/- Smaller Grapple In The Morning, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 100 Jts Tbg, 2 7/8" Pup Jt, XO Sub, 4- Drill Collars, Jars, Allionce LBS, XO Sub, Top Bushing, Shoe, Steam Off Tools, Inspect Shoe, P/U & TIH W/- Fishing Tools, 144- Jts Tbg, Fish Right Where we Left It, Try To Latch Onto Fish, Thought We Had A Bite, Pulled Up, Pulled Over Approx. 30,000 Lbs, Came Back Down To Try Again, No Fish, P/U 22- Jts Tbg, Found Fish Top @ 5421', Try To Latch On To Fish Top Again, Can't Tell If We Had A Bite, Rig Maintenance, POOH W/- 166- Jts Tbg, Fishing Tools, Clean & Inspect Fishing Tools, Suspected 2 1/8" Fish Neck, Going To TIH W/- Smaller Grapple In The Morning, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$45,432

4/26/2012 Day: 5**Conversion**

NC #2 on 4/26/2012 - Try To Fish - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, TIH W/- Smaller Grapple, 166- Jts Tbg, Try To Latch Onto Fish Top, Can Not Tell If Successful, Push Fish Down Approx. 3' To 5424', R/U H/Oiler To Tbg, Pmp 30 Bbls Wtr, Could Not See A Difference In Pressure One Way Or Another, Rig Maintenance, POOH W/- Tbg String, Fishing Tools, Clean & Inspect Grapple, Found That Grapple Was To Small, SWI, CSDFN @ 5:00 PM, 5:00 To 5:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, TIH W/- Smaller Grapple, 166- Jts Tbg, Try To Latch Onto Fish Top, Can Not Tell If Successful, Push Fish Down Approx. 3' To 5424', R/U H/Oiler To Tbg, Pmp 30 Bbls Wtr, Could Not See A Difference In Pressure One Way Or Another, Rig Maintenance, POOH W/- Tbg String, Fishing Tools, Clean & Inspect Grapple, Found That Grapple Was To Small, SWI, CSDFN @ 5:00 PM, 5:00 To 5:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$52,079

4/27/2012 Day: 6**Conversion**

NC #2 on 4/27/2012 - Try To Fish - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- Another Grapple, 166- Jts Tbg, Latch Onto Fisg Top, Start To POOH W/- Tbg, Fish Hung Up Approx. 14' Up From Where It Was, Work Tbg Up & Down, Felt Like Fish Parted, POOH W/-

166- Jts Tbg, Fishing Tool, Clean & Inspect Tools, Looked Like We Had Ahold Of The Fish, P/U & TIH W/- New Fishing Tool, 146- Jts Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- Another Grapple, 166- Jts Tbg, Latch Onto Fisg Top, Start To POOH W/- Tbg, Fish Hung Up Approx. 14' Up From Where It Was, Work Tbg Up & Down, Felt Like Fish Parted, POOH W/- 166- Jts Tbg, Fishing Tool, Clean & Inspect Tools, Looked Like We Had Ahold Of The Fish, P/U & TIH W/- New Fishing Tool, 146- Jts Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$59,448

4/30/2012 Day: 7**Conversion**

NC #2 on 4/30/2012 - Try To Fish - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, TIH W/- 20 Jts Tbg, Latch Onto Fish Top, Try To POOH W/- Fish, Started To Pull Over, Set Off Jars A Couple Of Times, Fish Finally Started Moving, POOH W/- 40 Jts Tbg, Fish Was Dragging The Whole Way, After The 40 Jts Tbg The Fish Stopped Dragging, POOH W/- 126, RBS Fishing Tools, No Fish, P/U & TIH W/- Washpipe, 166- Jts Tbg, Try To Wash Fish To Bttm, Made 2' After 1 Hr Of Drilling, Only Made It To 5427', Start To POOH W/- 20 Jts Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, TIH W/- 20 Jts Tbg, Latch Onto Fish Top, Try To POOH W/- Fish, Started To Pull Over, Set Off Jars A Couple Of Times, Fish Finally Started Moving, POOH W/- 40 Jts Tbg, Fish Was Dragging The Whole Way, After The 40 Jts Tbg The Fish Stopped Dragging, POOH W/- 126, RBS Fishing Tools, No Fish, P/U & TIH W/- Washpipe, 166- Jts Tbg, Try To Wash Fish To Bttm, Made 2' After 1 Hr Of Drilling, Only Made It To 5427', Start To POOH W/- 20 Jts Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$66,928

5/3/2012 Day: 8**Conversion**

NC #2 on 5/3/2012 - TIH W/- Bit & Scrapper, POOH W/- Tbg Breaking & Dopeing - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, TIH W/- 86 Jts Tbg, R/U H/Oiler To Tbg, Pmp 7 Bbls Wtr, Drop Stnd Vlve, Pressure Test Tbg To 3,000 Psi, Pressure Bled Down Approx. 80 Psi In 1 Hr, Bump Back Up, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg, Pmp 70 Bbls Fresh Wtr W/- Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, Fill & Test Csg To 1,500 Psi, Pressure Bled Down 150 Psi In 20 Min, Bump Back Up To 1,500 Psi, Pressure Bled Off 100 In 23 Min, Bump Back Up, Pressure Bled Off 75 Psi In 27 Min, Bump Back Up, Let Test Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, TIH W/- 86 Jts Tbg, R/U H/Oiler To Tbg, Pmp 7 Bbls Wtr, Drop Stnd Vlve, Pressure Test Tbg To 3,000 Psi, Pressure Bled Down Approx. 80 Psi In 1 Hr, Bump Back Up, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg, Pmp 70 Bbls Fresh Wtr W/- Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, Fill & Test Csg To 1,500 Psi, Pressure Bled Down 150 Psi In 20 Min, Bump Back Up To 1,500 Psi, Pressure Bled Off 100 In 23 Min, Bump Back Up, Pressure Bled Off 75 Psi In 27 Min, Bump Back Up, Let Test Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, TIH W/- 86 Jts Tbg, R/U H/Oiler To Tbg, Pmp 7 Bbls Wtr, Drop Stnd Vlve, Pressure Test Tbg To 3,000 Psi, Pressure Bled Down Approx. 80 Psi In 1 Hr, Bump Back Up, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg, Pmp 70 Bbls Fresh Wtr W/- Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, Fill & Test Csg To 1,500 Psi, Pressure Bled Down 150 Psi In 20 Min, Bump Back Up To 1,500 Psi, Pressure Bled Off 100 In 23 Min, Bump Back Up, Pressure Bled Off 75 Psi In 27 Min, Bump Back Up, Let Test Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, POOH

W/- 126- Jts Tbg, Washover Pipe, P/U & TIH W/- Bit & Scrapper, 166- Jts Tbg, POOH W/- 138- Jts Tbg Breaking & Dopeing Collars, L/D A Total Of 26 Jts Tbg That Was Picked Up To Fish With, L/D 34 Jts Tbg Out Of Original String, A Total Of 69 Jts Tbg Down, P/U & TIH W/- Arrowset Pkr, SN, 20- Jts Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 126- Jts Tbg, Washover Pipe, P/U & TIH W/- Bit & Scrapper, 166- Jts Tbg, POOH W/- 138- Jts Tbg Breaking & Dopeing Collars, L/D A Total Of 26 Jts Tbg That Was Picked Up To Fish With, L/D 34 Jts Tbg Out Of Original String, A Total Of 69 Jts Tbg Down, P/U & TIH W/- Arrowset Pkr, SN, 20- Jts Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 126- Jts Tbg, Washover Pipe, P/U & TIH W/- Bit & Scrapper, 166- Jts Tbg, POOH W/- 138- Jts Tbg Breaking & Dopeing Collars, L/D A Total Of 26 Jts Tbg That Was Picked Up To Fish With, L/D 34 Jts Tbg Out Of Original String, A Total Of 69 Jts Tbg Down, P/U & TIH W/- Arrowset Pkr, SN, 20- Jts Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Dropped Off 70 Psi, Bump Back Up, Hold For 30 Min Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Dropped Off 70 Psi, Bump Back Up, Hold For 30 Min Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Dropped Off 70 Psi, Bump Back Up, Hold For 30 Min Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Dropped Off 70 Psi, Bump Back Up, Hold For 30 Min Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 126- Jts Tbg, Washover Pipe, P/U & TIH W/- Bit & Scrapper, 166- Jts Tbg, POOH W/- 138- Jts Tbg Breaking & Dopeing Collars, L/D A Total Of 26 Jts Tbg That Was Picked Up To Fish With, L/D 34 Jts Tbg Out Of Original String, A Total Of 69 Jts Tbg Down, P/U & TIH W/- Arrowset Pkr, SN, 20- Jts Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 126- Jts Tbg, Washover Pipe, P/U & TIH W/- Bit & Scrapper, 166- Jts Tbg, POOH W/- 138- Jts Tbg Breaking & Dopeing Collars, L/D A Total Of 26 Jts Tbg That Was Picked Up To Fish With, L/D 34 Jts Tbg Out Of Original String, A Total Of 69 Jts Tbg Down, P/U & TIH W/- Arrowset Pkr, SN, 20- Jts Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, POOH W/- 126- Jts Tbg, Washover Pipe, P/U & TIH W/- Bit & Scrapper, 166- Jts Tbg, POOH W/- 138- Jts Tbg Breaking & Dopeing Collars, L/D A Total Of 26 Jts Tbg That Was Picked Up To Fish With, L/D 34 Jts Tbg Out Of Original String, A Total Of 69 Jts Tbg Down, P/U & TIH W/- Arrowset Pkr, SN, 20- Jts Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, TIH W/- 86 Jts Tbg, R/U H/Oiler To Tbg, Pmp 7 Bbls Wtr, Drop Stnd Vlve, Pressure Test Tbg To 3,000 Psi, Pressure Bled Down Approx. 80 Psi In 1 Hr, Bump Back Up, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg, Pmp 70 Bbls Fresh Wtr W/- Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, Fill & Test Csg To 1,500 Psi, Pressure Bled Down 150 Psi In 20 Min, Bump Back Up To 1,500 Psi, Pressure Bled Off 100 In 23 Min, Bump Back Up, Pressure Bled Off 75 Psi In 27 Min, Bump Back Up, Let Test Over Night, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Dropped Off 70 Psi, Bump Back Up, Hold For 30 Min Solid, Good Test, R/D NC #2, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, TIH W/- 86 Jts Tbg, R/U H/Oiler To Tbg, Pmp 7 Bbls Wtr, Drop Stnd Vlve, Pressure Test Tbg To 3,000 Psi, Pressure Bled Down Approx. 80 Psi In 1 Hr, Bump Back Up, Hold For 1 Hr, Good Test, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg, Pmp 70 Bbls Fresh Wtr W/- Pkr Fluid, R/D Injection Tree, Set Pkr, R/U Injection Tree, Fill & Test Csg To 1,500 Psi, Pressure Bled Down 150 Psi In 20 Min, Bump Back Up To 1,500 Psi, Pressure Bled Off 100 In 23 Min, Bump Back Up, Pressure Bled Off 75 Psi In 27 Min, Bump Back Up, Let Test Over Night, SWI,

CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU,
Pressure Dropped Off 70 Psi, Bump Back Up, Hold For 30 Min Solid, Good Test, R/D NC #2,
Well Ready For MIT.

Daily Cost: \$0

Cumulative Cost: \$133,221

5/23/2012 Day: 11

Conversion

Rigless on 5/23/2012 - Conduct initial MIT - On 05/12/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/14/2012 the casing was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-09437 - On 05/12/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/14/2012 the casing was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-09437 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$256,036

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-3563
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 1-18
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013303320000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0636 FNL 2186 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 18 Township: 09.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/6/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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

The above reference well was put on injection at 4:15 PM on
07/06/2012. EPA # UT20798-09437

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
July 09, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/9/2012	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

JUL 02 2012

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED
JUL 11 2012

DIV. OF OIL, GAS & MINING

Mr. Reed Durfey
District Manager
Newfield Production Company
Route 3 – Box 3630
Myton, Utah

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Authorization to Commence Injection
EPA UIC Permit UT20798-09437
Well: Federal 1-18-9-17
NWNE Sec. 18-T9S-R17E
Duchesne County, Utah
API No.: 43-013-30332

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) May 25, 2012, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20798-09437.

As of the date of this letter, Newfield is authorized to commence injection into the Federal 1-18-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,300 psig. You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a step rate test that measures the fracture parting pressure and calculates the fracture gradient at this depth and location. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

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

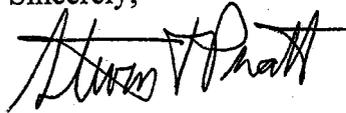
Ms. Sarah Roberts
U.S. EPA Region 8: 8ENF-UFO
1595 Wynkoop Street
Denver, Colorado 80202-1129

Or, you may reach Ms. Roberts by telephone at (303) 312-6211 or (800) 227-8927, extension 312-6211.

Please remember that it is your responsibility to be aware of and to comply with all conditions of injection well Permit UT20798-09437.

If you have questions regarding the above action, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174.

Sincerely,



for Callie A. Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Richard Jenks, Jr., Councilman
Frances Poowegup, Councilwoman
Ronald Wopsock, Vice-Chairman
Phillip Chimburas, Councilman
Stewart Pike, Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

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

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

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company



Printed on Recycled Paper

Spud Date: 10/04/75
 Put on Production: 12/13/75
 GL: 5415' KB: 5426'

Federal 1-18-9-17

Initial Production: 20 BOPD,
 8 MCFG, 0 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 7jts (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: 7jts (5478')
 DEPTH LANDED: 5459'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 465 sx 50/50 Poz
 CEMENT TOP AT: 3400'

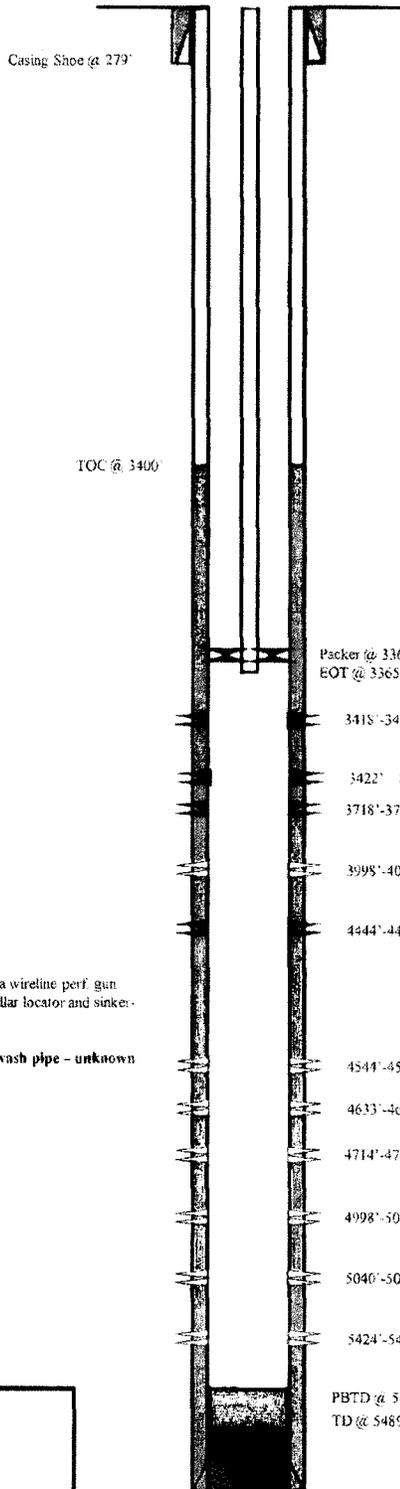
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 106 jts (3346.5')
 SEATING NIPPLE: 2-7/8" (1 10')
 SN LANDED AT: 3357.5'
 PACKER @ 3361.9'
 STRING LENGTH: EOT @ 3365.01' KB

Fish reported in hole (5/17/83) Possibly a wireline perf gun based on file records. Include a casing collar locator and sinker bar. Top of fish at 4485'

05/03/12 - Washed Fish to 5427" with wash pipe - unknown fish.

Injection Wellbore Diagram



FRAC JOB

11-10-75	5424'-5430'	Frac w/ 13,000# 20/40 sand + 2000# 10-20 sand in 262 bbl gelled water. Avg. treating press. 4500 psi @ 19 BPM. ISIP 1500 PSI.
11-10-75	5040'-5050'	Frac w/ 13,000# 20/40 sand + 2000# 10-20 sand in 262 bbl gelled water. Avg. treating press. 3800 psi @ 19 BPM. ISIP 1900 PSI.
11-10-75	4998'-5001'	Frac w/ 10,000# 20/40 sand + 2000# 10-20 sand in 214 bbl gelled water. Avg. treating press. 3750 psi @ 14 BPM. ISIP 1900 PSI.
3-7-76	4544'-4720'	Frac w/ 25,000# 20-40 sand + 10,000# 10-20 sand in 714 bbl MY-T-FRAC. Avg. treating press. 2500 psi @ 35 BPM. ISIP 1900 PSI.
9-12-77	4444'-4456'	Frac w/ 31,000# 10-20 sand in 404 bbl 2% KCl. Avg. treating press. 3580 psi @ 17.5 BPM. Screened out.
8-25-83	3998'-4038'	Frac w/ 14,000# 20-40 sand in 349 bbl 2% KCl. Avg. treating press. 3000 psi @ 13 BPM. ISIP 3500 psi. Screened out.
8-30-83	4444'-4456'	Frac w/ 39,700# 10-20 sand. (Reported, not verified)
05/03/12		Convert to Injection Well
05/14/12		Conversion MIT Finalized - update tbg detail

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'-4549'	1 SPF	5 holes
9-10-77	4444'-4456'	1 SPF	12 holes
7-27-80	3422'	2 SPF	Block sqz.
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

NEWFIELD

Federal 1-18-9-17
 636 FNL & 2186 FEL
 NW/NE Section 18-T9S-R17E
 Duchesne Co, Utah
 API #43-013-30332; Lease #UTU-3563

Federal 1-18-9-17

Spud Date: 10/04/75
 Put on Production: 12/13/75
 GL: 5415' KB: 5426'

Initial Production: 20 BOPD,
 8 MCFG, 0 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 7 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: 7 jts (5475')
 DEPTH LANDED: 5459'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 465 sx 50/50 Poz
 CEMENT TOP AT: 3400'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 106 jts (3346.5')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3357.5'
 PACKER @ 3361.9'
 STRING LENGTH: EOT @ 3365.01' KB

Fish reported in hole (8/17/83). Possibly a wireline perf. gun based on file records. Include a casing collar locator and sinker-bar. Top of fish at 4485'

05/03/12 - Washed Fish to 5427' with wash pipe - unknown fish.

Casing Shoe @ 279'

TOC @ 3400'

Packer @ 3362'
 EOT @ 3365'

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

3422' Sqz'd

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

3998'-4038'

4444'-4456' Sqz'd w/100 sx Class "G" Re-faced 8/30/83

4544'-4549'

4633'-4638'

4714'-4720'

4998'-5001'

5040'-5050'

5424'-5430'

PBTD @ 5445'
 TD @ 5489'

FRAC JOB

11-10-75	5424'-5430'	Frac w/ 13,000# 20/40 sand + 2000# 10-20 sand in 262 bbl gelled water. Avg. treating press. 4500 psi @ 19 BPM. ISIP 1500 PSI.
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9-12-77	4444'-4456'	Frac w/ 31,000# 10-20 sand in 404 bbl 2% KCl. Avg. treating press. 3580 psi @ 17.5 BPM. Screened out.
8-25-83	3998'-4038'	Frac w/ 14,000# 20-40 sand in 349 bbl 2% KCl. Avg. treating press. 3000 psi @ 13 BPM. ISIP 3500 psi. Screened out.
8-30-83	4444'-4456'	Frac w/ 39,700# 10-20 sand. (Reported, not verified)
05/03/12		Convert to Injection Well
05/14/12		Conversion MIT Finalized - update log detail

PERFORATION RECORD

11-10-75	5424'-5430'	1 SPF	6 holes
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10-21-80	3718'-3726'	1 SPF	8 holes
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8-25-83	3998'-4038'	1 SPF	36 holes

NEWFIELD



Federal 1-18-9-17
 636 FNL & 2186 FEL
 NW/NE Section 18-T9S-R17E
 Duchesne Co, Utah
 API #43-013-30332; Lease #UTU-3563

WELL NAME: **Federal #18-1** (*Federal #1-18*)

DATE: 11/13/95 vk

FIELD: Monument Butte

API NO.: 43-013-30332

FEDERAL LEASE NO.: U-3563

LOCATION: NW NE Sec.18, T9S, R17E

FOOTAGE: 636' FNL, 2186' FEL

COUNTY/STATE: Duchesne County, Utah

WORKING INTEREST: 0.91491728

NET REVENUE INTEREST: 0.80471769 Oil

PRODUCING FORMATION: Green River

0.73108274 Gas

COMPLETION DATE: 12/13/75

SPUD DATE: 10/4/75

INITIAL PRODUCTION: 20 BO, 8MCFPD, 0 BW

OIL GRAVITY:

OIL/GAS PURCHASER: AMOCO

BHT:

PRESENT PROD STATUS: TA

ELEVATIONS - GROUND: 5415' GL

KB: 5426' KB (11' KB)

TOTAL DEPTH: 5489' KB

PLUG BACK TD: 5445' KB

SURFACE CASING

STRING: 1
CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 268'
DEPTH LANDED: 279' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 225 sxs class "G"

PRODUCTION CASING

STRING: 1
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5478'
DEPTH LANDED: 5489' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 465 sxs 50/50 Poz mix

CEMENT TOP AT:

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 126 jts
TUBING ANCHOR: yes
NO. OF JOINTS: 16 jts
SEATING NIPPLE: yes
PERFORATED SUB: no
MUD ANCHOR: 1 jt w/ NC
TOTAL STRING LENGTH: ~4366'
SN LANDED AT: ~4346' KB

PERFORATION RECORD

3418' - 3428'	OCT-80	Y1	1 SPF	Squeezed
3422'	Jul-80	Y6	2 holes	Squeezed
3718' - 3726'	OCT-80	Y1	1 SPF	Squeezed
3998' - 4038'	AUG-83	Y2	36 holes	
4444' - 4456'	AUG-83	Y6	44 holes	
4444' - 4456'	SEP-77	Y6	1 SPF	Squeezed
4544' - 4549'	Mar-76	R1	5 holes	
4633' - 4638'	Mar-76	R2	5 holes	
4714' - 4720'	Mar-76	R5	5 holes	
4998' - 5001'	Nov-75	G4	2 SPF	(3')
5040' - 5050'	Nov-75	G5	1 SPF	(10')
5424' - 5430'	Nov-75	B1	1 SPF	(6')

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22'
SUCKER RODS: 1 - 3/4" x 8' Pony
175 - 3/4" x 25' Plain

TOTAL ROD STRING LENGTH: 4400'

PUMP NUMBER:
PUMP SIZE: 2-1/2" x 1-1/4" x 16'

STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT SIZE:
PRIME MOVER:

LOGS:

SQUEEZED RECORD

3422'	Jul-80	100 sxs class "H" w/ .5% CFR2+ 10% salt, to 2500 psi.
4444' - 4456'	OCT-80	100 sxs class "G", 3500 psi
3718' - 3726'	OCT-80	250 sxs class "G", 2000 psi
3418' - 3428'	OCT-80	250 sxs class "G", 2500 psi

ACID JOB / BREAKDOWN / FRAC JOB

CONTINUED ON NEXT PAGE

Note: Well will be returned to production after waterflood is started.



Federal #18-1
NW NE Sec.18, T9S, R17E
636' FNL & 2186' FEL
Momument Butte Field
Duchesne County, Utah

WELL DATA CONTINUED
PAGE TWO

ACID / BREAKDOWN RECORD

5424' - 5430'	Nov-75	300 gal 15% HCl, broke at 2400# & 2 bpm. ISIP-1250 psi. Avg rate 6 bpm @ 1800 psi.
5040' - 5050' & 4998' - 5001'	Nov-75	630 gal 15% HCl & 500# Westblock III X, broke at 2400 psi & 19 bpm. ISIP-1300 psi, 15min- 1300 psi.
4714' - 4720'	Mar-76	broke w/ 500 gal 15% HCl 2 bpm @ 3300 psi
4633' - 4638'	Mar-76	broke w/ 500 gal 15% HCl 4600 psi, 3 bpm
4544' - 4549'	Mar-76	broke w/ 500 gal 15% HCl 5 bpm @ 2000 psi
5424' - 5430'	AUG-80	300 gal 15% HCl
4998' - 5001' & 5040' - 5050'	AUG-80	630 gal 15% HCl & 500# Westblock III X.
4544' - 4549' & 4633' - 38' & 4714' - 20'	AUG-80	800 gal 15% HCl and 15 RCN ball sealers, flush w/ 1155 gal KCl wtr, 2000psi @ 3.5 bpm ISIP-1850 psi.
4444' - 4456'	AUG-80	600 gal 15% HCl acid and 12 RCN ball sealers.
3718' - 3726'	OCT-80	1800 gal 15% HCl acid 5.5 bpm @ 2200 psi, ISIP-800#
3418' - 3428'	OCT-80	1000 gal 15% HCl acid 1 bpm @ 2800 psi



Federal #18-1
NW NE Sec.18, T9S, R17E
636' FNL & 2186' FEL
Momentum Butte Field
Duchesne County, Utah

WELL DATA CONTINUED
PAGE THREE

FRAC RECORD

5424' - 5430'	Nov-75	4000 gal gel wtr pad, 11,000 gal gel wtr w/ 13,000# 20/40 + 2,000# 10/20, Flush w/ 2% KCl wtr.
5040' - 5050'	Nov-75	4000 gal gel wtr pad, 11,000 gal gel wtr w/ 13,000# 20/40 + 2,000# 10/20, Flush w/ 2% KCl wtr., inject 10 RCN balls, treat w/ 300 gal 15% N.E.
4998' - 5001'	Nov-75	3000 gal gel wtr pad, 9000 gal gel wtr w/ 10,000# 20/40 + 2,000# 10/20. Flush w/ 2% KCl wtr.
4714' - 4720' & 4633' - 38' & 4544' - 49'	Mar-76	30,000 gal My-T-Frac w/ 25,000# 20/40, + 10,000# 10/20. ATR- 35 bpm, ATP-2500 psi, ISIP-1900 psi.
4444' - 4456'	SEP-77	frac screened out on 3# sand, 18 bpm, 3700 psi, no ISIP.
3718' - 3726'	OCT-80	
3998' - 4038'	AUG-83	14,000# 20/40 sand
4444' - 4456'	AUG-83	39,700# 20/40

Elev.GR -5415'
Elev.KB - 5426' KB

WELLBORE DIAGRAM

DATE : 10/12/95

SURFACE CASING

CSG SIZE: 8 5/8"
GRADE: K-55
WEIGHT: 24 lb
LENGTH: 268'
DEPTH LANDED: 279' KB
HOLE SIZE: 12 1/4"
CEMENT DATA: 225 sx Class-G

PRODUCTION CASING

CSG SIZE: 5 1/2"
GRADE: J-55
WEIGHT: 15.5 lb
LENGTH: 5478'
DEPTH LANDED: 5489' KB
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 JOINTS: 126 jts
TUBING ANCHOR: yes
NO. OF JOINTS: 16 jts
SEATING NIPPLE: yes
PERFORATED SUB: no
MUD ANCHOR: 1 jt w/ NC
STRING LENGTH: ~4366'
SN LANDED AT: ~4346' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22'
SUCKER RODS: 1 - 3/4" x 8' Pony
175 - 3/4" x 25' Plain
STRING LENGTH: 4400'
PUMP SIZE: 2-1/2" x 1-1/4" x 16'
PUMP NUMBER:
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT:
PRIME MOVER:

279' KB

FISH @
4486' KB

PERFORATION & FRAC RECORD

3418'- 3428' KB w/ 10 shots
3422' KB w/ 2 shots
3718'- 3726' KB w/8 shots
3998'- 4038' KB w/ 36 shots

4444'- 4456' KB w/ 12 shots

4544'- 4549' KB w/ 5 shots
4633'- 4638' KB w/ 5 shots
4714'- 4720' KB w/ 6 shots
4998'- 5001' KB w/ 6 shots
5040'- 5050' KB w/10 shots
5425'- 5430' KB w/ 6 shots

Squeezed w/250sx Class-G @ 2500 psig
Squeezed w/100sx Class-H @ 2500 psig
Squeezed w/250 sx Class-G @ 2000 psig
Also shot w/ 80 shots not broken down.
Frac w/ 14,000 lbs 20-40 mesh sand.
Squeezed w/100sx Class-G @ 2000 psig ????
1983 Western treatment report shows 44 shots
fraced w/ 39,700 lbs 20-40 mesh sand.
4544'- 4720' each broken down separately &
fraced w/25,000 lbs 20-40 & 10,000 lbs 10-20
mesh sand.
4998'- 5430' each broken down separately &
fraced separately w/20-40 & 10-20 mesh sand.

SEE NEXT PAGE FOR ADDITIONAL INFORMATION

3418'- 3428' KB Squeezed w/250sx Class-G @ 2500 psig
3718'- 3726' KB Squeezed w/250 sx Class-G @ 2000 psig
3998'- 4038' KB
4444'- 4456' KB Squeezed w/100sx Class-G @ 2000 psig ????
4544'- 4549' KB
4633'- 4638' KB
4714'- 4720' KB
4998'- 5001' KB
5040'- 5050' KB
5425'- 5430' KB

Completed 3-3-76

Original Completion
11-20-75

PBTD @ 5445' KB
TD @ 5489' KB