

August 28, 1981

State of Utah
Division of Oil, Gas and Mining
1588 West, North Temple
Salt Lake City, Utah 84116

NTL-6 Transmittal
Lomax Exploration Company

Gentlemen:

Attached, you will find two copies of the APD/NTL-6 for the following locations in Utah:

Federal #2-1
NE NE Sec. 1, T9S, R16E
Duchesne County, Utah

Federal #2-35
NE SE Sec. 35, T8S, R16E
Duchesne County, Utah

Federal #3-1
SW NE Sec. 1, T9S, R16E
Duchesne County, Utah

Federal #3-35
SW NE Sec. 35, T8S, R16E
Duchesne County, Utah

Federal #4-1
SW NW Sec. 1, T9S, R16E
Duchesne County, Utah

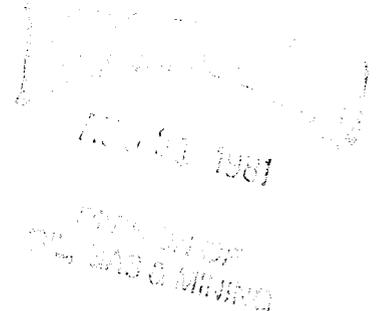
Federal #4-35
NE SW Sec. 35, T8S, R16E
Duchesne County, Utah

Thank you for your attention to this matter.

Very truly yours,


G. L. Pruitt
Mgr. Drilling & Production

GLP/mdw
Enclosures



**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

5. LEASE DESIGNATION AND SERIAL NO.
U-33992

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
2-1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 1, T9S, R16E

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
Lomax Exploration Company

3. ADDRESS OF OPERATOR
333 N. Belt East, Suite 880, Houston, TX 77060

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface **659' FNL, 662' FEL, Section 1**
 At proposed prod. zone **784 812 NENE**

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **659**

16. NO. OF ACRES IN LEASE **240**

17. NO. OF ACRES ASSIGNED TO THIS WELL **80 40**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **1746**

19. PROPOSED DEPTH **6200**

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR - 5340

22. APPROX. DATE WORK WILL START*
February, 1982

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#	300	200 sx <i>Cemented to surf.</i>
7 7/8	5 1/2	15.5#	TD	500 sx

- ATTACHMENTS:**
1. 10 Point Program
 2. 13 Point Surface Use Plan
 3. Location Plat
 4. Location Layout
 5. Topo Maps "A" & "B"

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 10-2-81
 BY: M. T. Wheeler

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 Mgr. Drilling & Production DATE 8/28/81

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

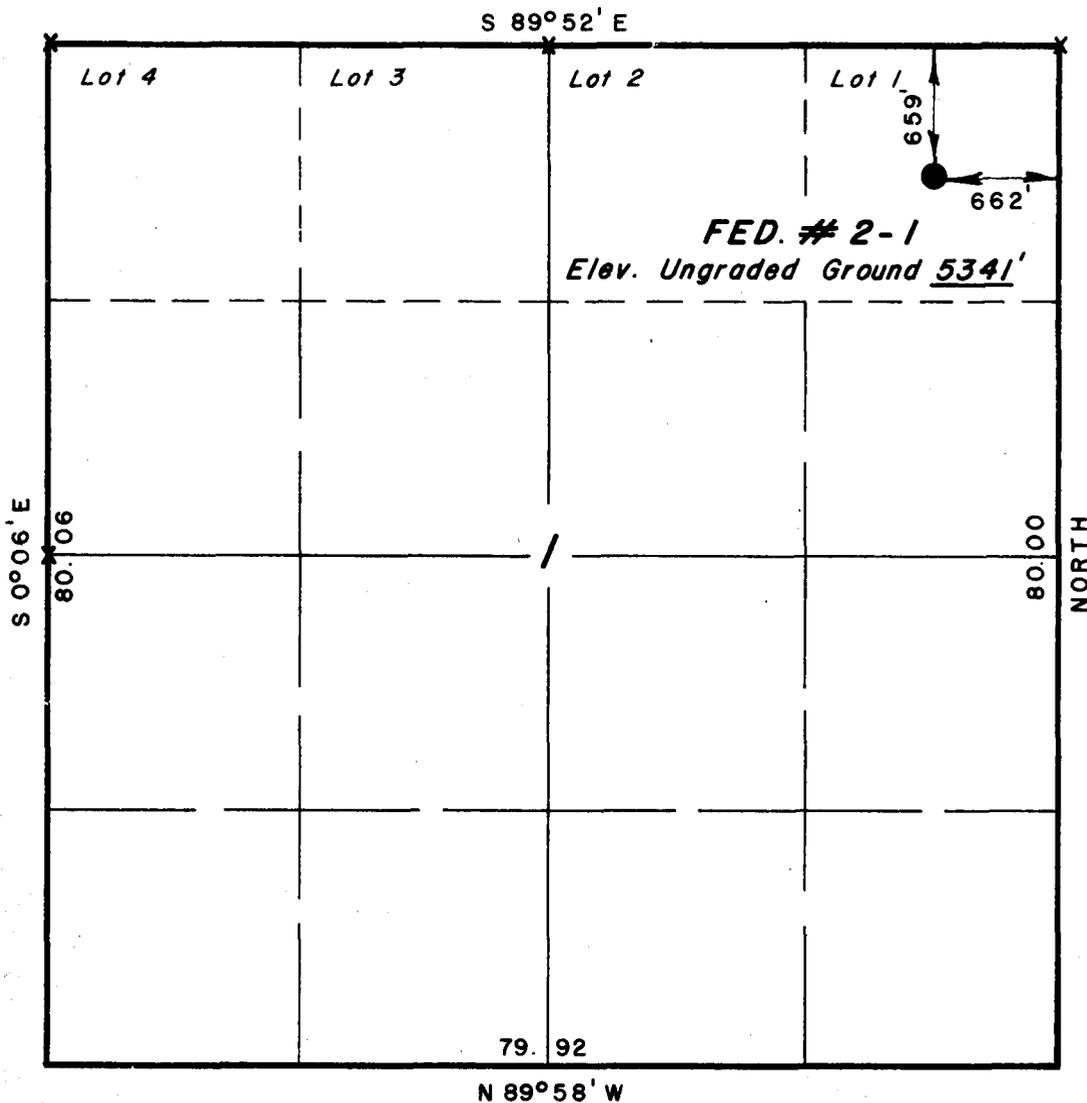
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY :

T 9 S, R 16 E, S.L.B. & M.

PROJECT
LOMAX EXPLORATION

Well location, *FED. # 2-1*,
located as shown in Lot 1, (NE 1/4
NE 1/4) Section 1, T 9 S, R 16 E,
S.L.B. & M. Duchesne County, Utah.



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.

Laurence E. J. [Signature]

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 7/22/81
PARTY DB, LM, KR, JH	REFERENCES GLO PLAT
WEATHER HOT	FILE LOMAX

X = Section Corners Located

LOMAX EXPLORATION CO.
FED. # 2-1

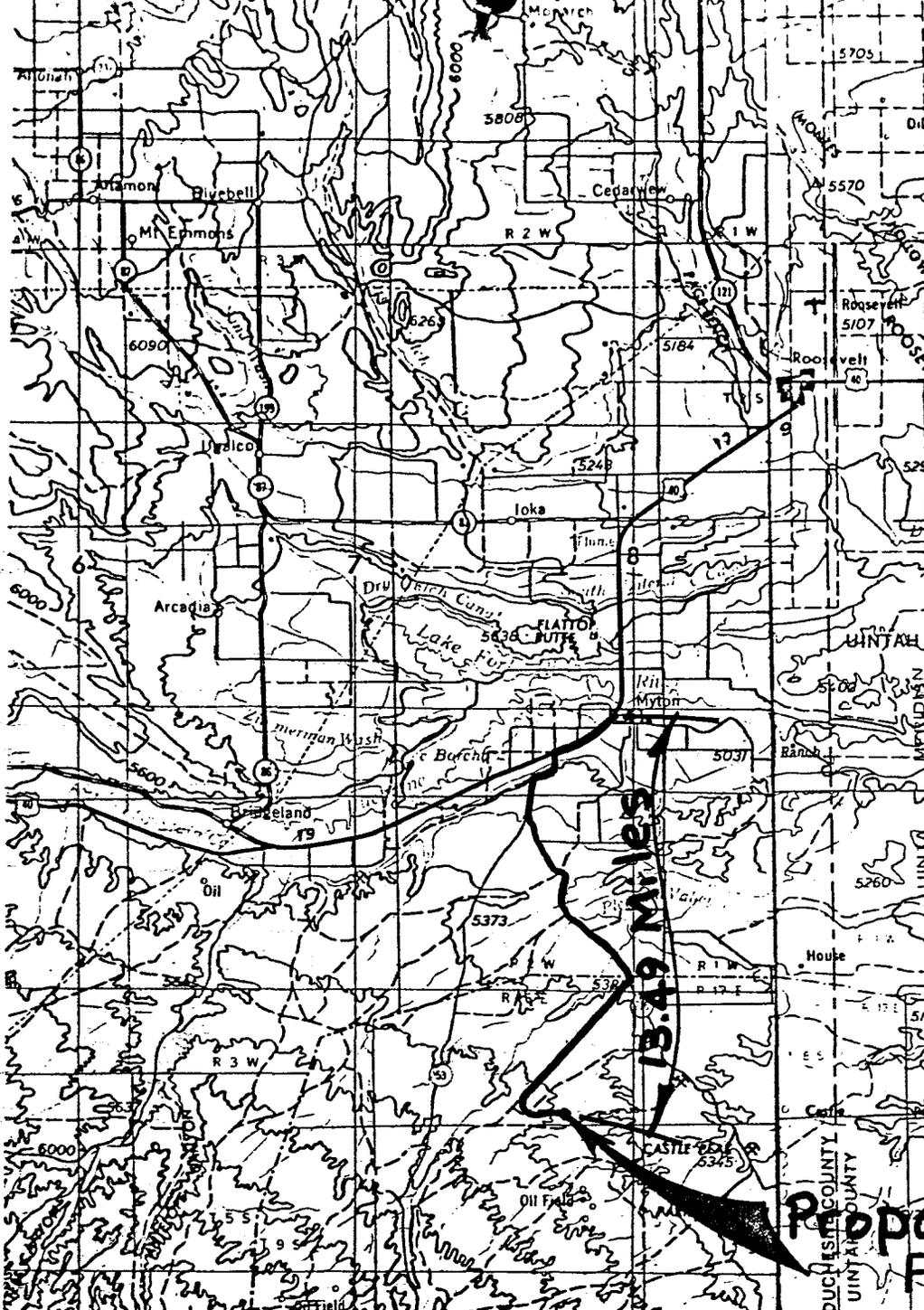
PROPOSED LOCATION

TOPO.

MAP "A"

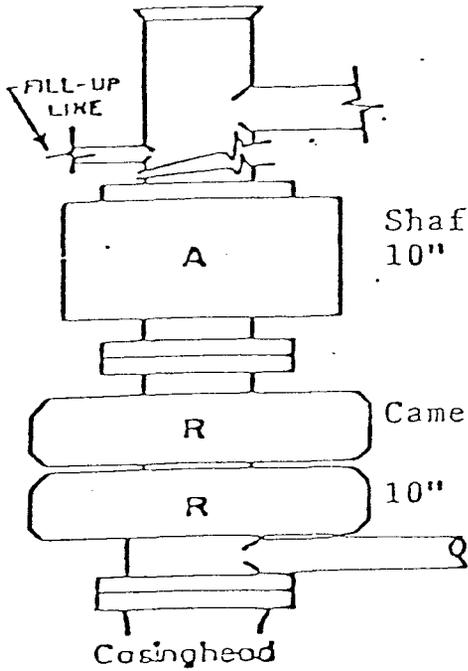


SCALE - 1" = 4 MI.



Proposed Location
Fed. # 2-1



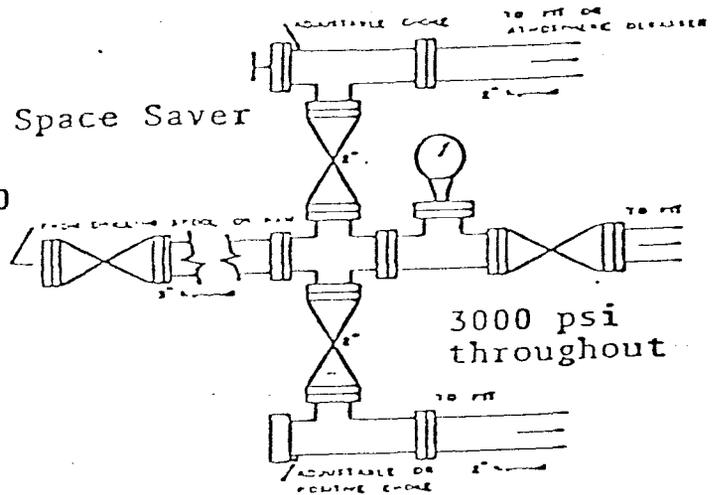


Shaffer Spherical
10" 900

Cameron Space Saver

10" 900

Casinghead



3000 psi
throughout

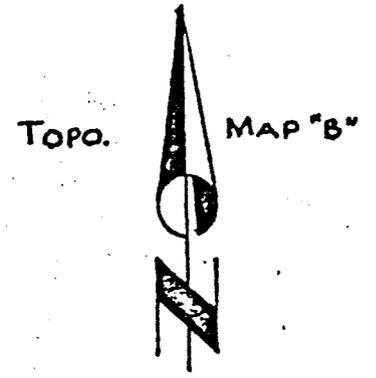
RECEIVED

AUG 31 1981

DIVISION OF
OIL, GAS & MINING

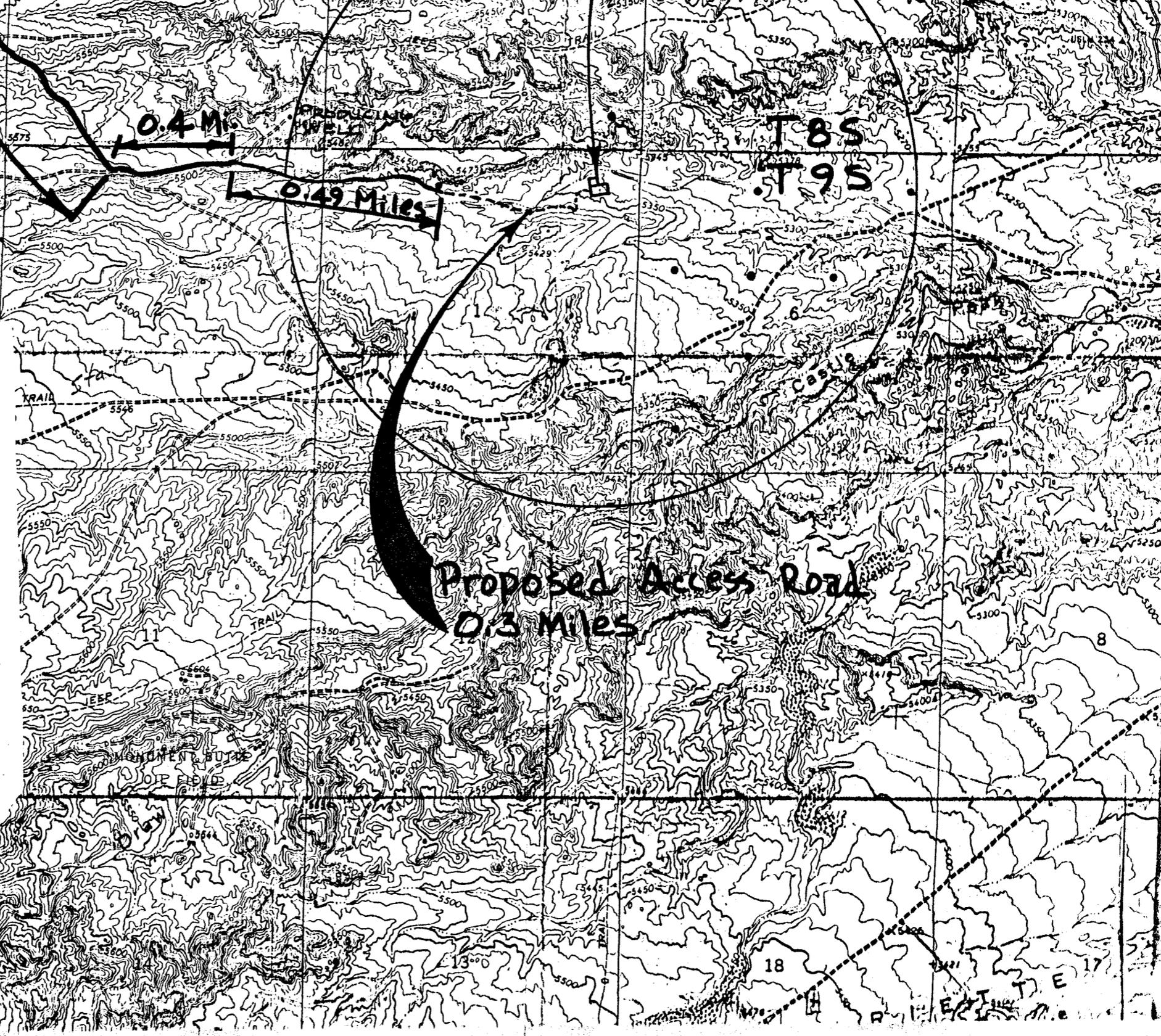
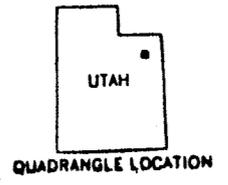
LOMAX EXPLORATION CO.
FED. # 2-1

PROPOSED LOCATION



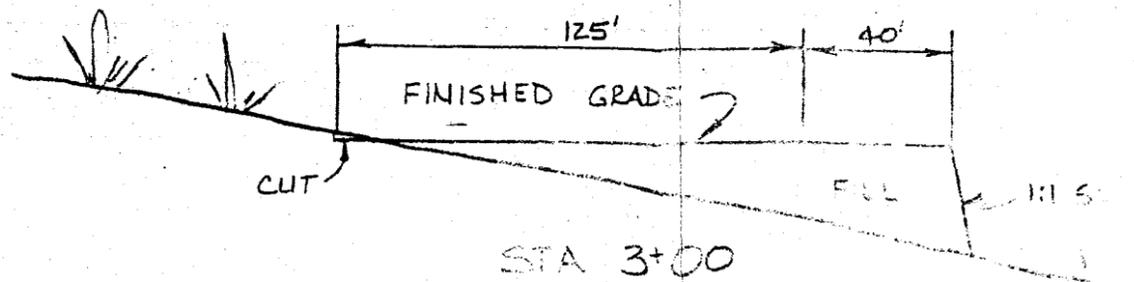
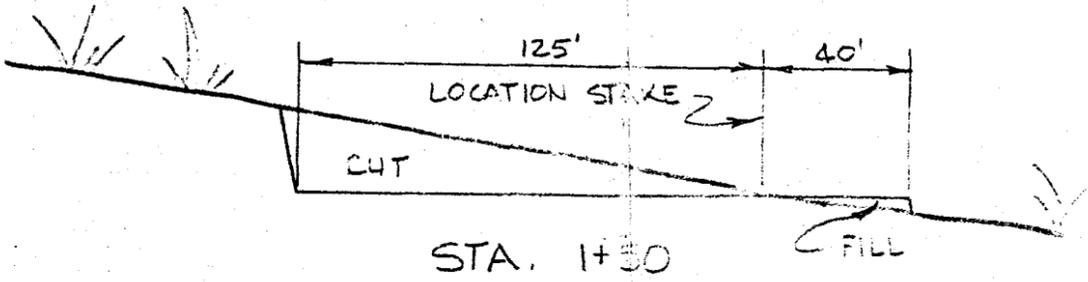
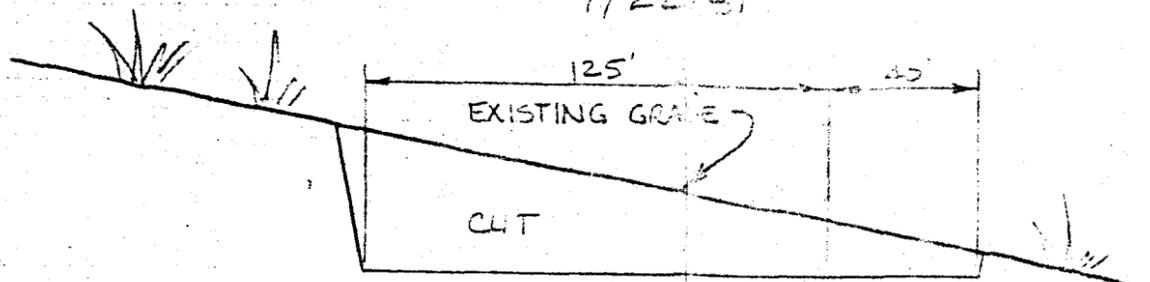
SCALE - 1" = 2000'
ROAD CLASSIFICATION

- Heavy-duty ——— Light-duty - - - - -
- Medium-duty ——— Unimproved dirt - - - - -
- U.S. Route (thick solid line with shield) State Route (thin solid line with circle)

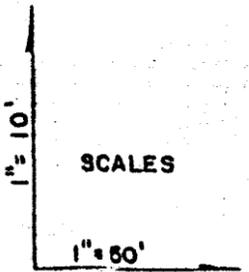


LOMAX EXPLORATION

FED #2-1 SECTION 1 TOS, RIBE SLB 8M
7/22/81

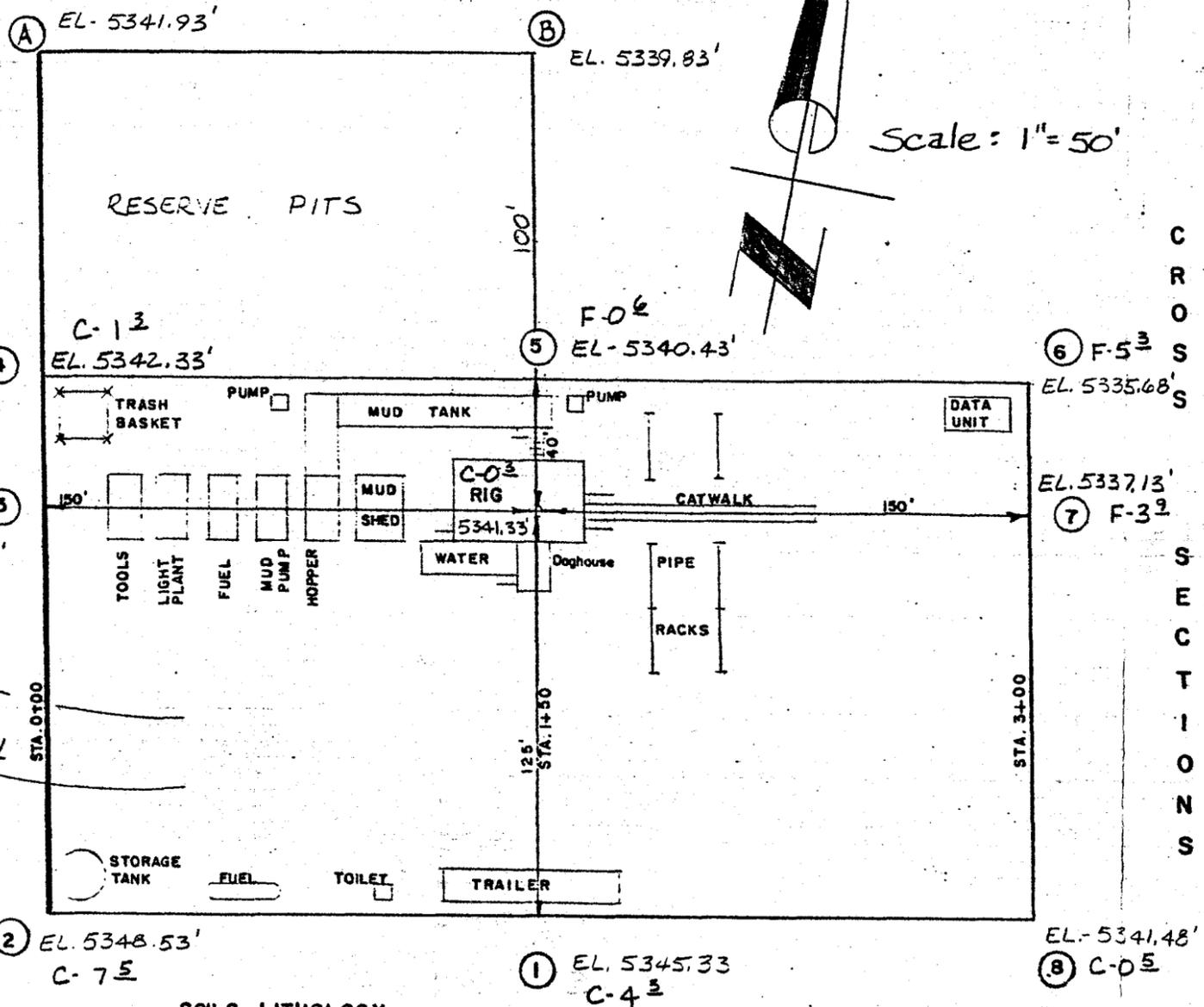


CROSS SECTIONS



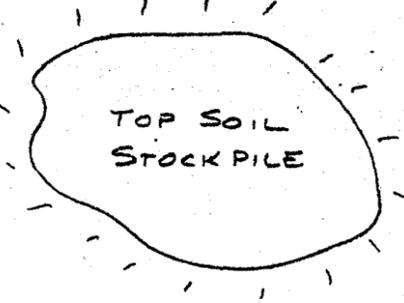
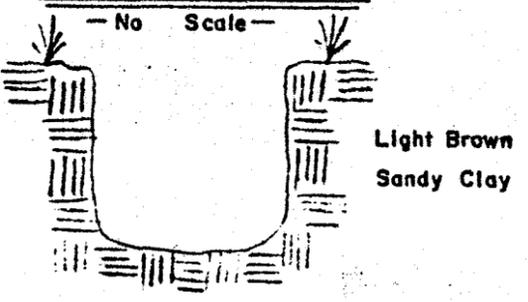
APPROXIMATE YARDAGES

Cubic Yards of Cut - 3,000
Cubic Yards of Fill - 1,200



Scale: 1" = 50'

SOILS LITHOLOGY



** FILE NOTATIONS **

DATE: Sept. 29, 1981

OPERATOR: Lomax Exploration Co.

WELL NO: Fed. #2-1

Location: Sec. 1 T. 9S R. 16E County: Duchesne

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 73-013-30603

CHECKED BY:

Petroleum Engineer: W.S. Minder 10-2-81

Director: _____

Administrative Aide: OK Per Rule C-3,

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Fed

Plotted on Map

Approval Letter Written

Hot Line

P.I.

October 2, 1981

Lomax Exploration Company
333 N. Belt East, Suite #880
Houston, Texas 77060

RE: Well No. Federal #2-1,
Sec. 1, T. 9S, R. 16E,
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, 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:

MICHAEL T. MINDER - Petroleum Engineer
Office: 539-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30603.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS



United States Department of the Interior

IN REPLY REFER TO

T & R
U-801

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE

170 South 500 East

Vernal, Utah 84078

November 27, 1981

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Joint Onsite Inspection
Lomax Exploration
T9S, R16E, Sec. 1
Wells 2-1, 3-1, 4-1

Dear Mr. Guynn:

On October 27, 1981, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Lomax Exploration, Ross Construction, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 point plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. All trash must be contained and hauled to an approved disposal site.
7. All permanent (on site for six (6) months duration or longer) structures constructed or installed shall be painted a flat (non-reflective) earth

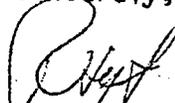
tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.

8. At location #3-1, the pit will be reduced to 75' x 150'. The topsoil will be stockpiled at point #8 and the excess cut material will be stockpiled between points 2 and 3, south of the access road.
9. At location #4-1, the pit will be reduced to 75' x 150'. The access road will be changed as discussed at the joint onsite. Topsoil will be stockpiled at point #1.

An archaeological clearance was conducted by Grand River Consultants, Inc. after the joint onsite was completed. Locations #3-1 and #4-1 are cleared for cultural resources. However, Grand River Consultants recommends location #2-1 be moved some 200' west of the presently staked location so as to stay away from archaeological site #42 DC 381. Another joint onsite inspection will be required for location #2-1.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna and their habitats.

Sincerely,



Ralph Heft
Area Manager
Diamond Mountain Resource Area

cc: USGS, Vernal
Ross Construction, Vernal

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

Lomax Exploration Company

3. ADDRESS OF OPERATOR

333 N. Belt East, Suite 880, Houston, TX 77060

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

At surface

659' FNL, 662' FEL, Section 1

At proposed prod. zone

784 812

DEC 17 1981
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-33992

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 1, T9S, R16E

12. COUNTY OR PARISH

Duchesne

Utah

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

14 miles from Myton, Utah

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

659

16. NO. OF ACRES IN LEASE

240

17. NO. OF ACRES ASSIGNED TO THIS WELL

80

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

1746

19. PROPOSED DEPTH

6200

20. ROTARY OR CABLE TOOLS

Rotary

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

GR - 5340

22. APPROX. DATE WORK WILL START*

February, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8 5/8	24#	300	200 sx
7 7/8	5 1/2	15.5#	TD	500 sx

- ATTACHMENTS:**
1. 10 Point Program
 2. 13 Point Surface Use Plan
 3. Location Plat
 4. Location Layout
 5. Topo Maps "A" & "B"

013-30603

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 Mgr. Drilling & Production DATE 8/28/81

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE FOR E. W. GUYNN DISTRICT OIL & GAS SUPERVISOR DATE DEC 16 1981

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

NOTICE OF APPROVAL

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

State O&G

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Lomax Exploration Company
Project Type Oil Well
Project Location 784' FNL & 812' FEL - Sec. 1, T. 9S, R. 16E
Well No. 2-1 Lease No. U-33992
Date Project Submitted October 13, 1981

FIELD INSPECTION

Date October 27, 1981 and December 10, 1981

Field Inspection
Participants

- Greg Darlington - USGS, Vernal
- Gary Slagel - BLM, Vernal
- Scott Hagman - Lomax Exploration
- Earl Cady - Ross Construction
- Leonard Heeney - Ross Construction
- Gene Stewart - Uintah Engineering

Related Environmental Documents: Unit Resource Analysis, Duchesne Planning

Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

December 15, 1981
Date Prepared

Gregory Darlington
Environmental Scientist

I concur

DEC 15 1981
Date

W. M. Mauter
FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR
District Supervisor

PROPOSED ACTIONS:

Lomax Exploration plans to drill the 2-1 well, a 6200' oil test of the Green River Formation. A new access road of .5 mile in length would be required. About .4 mile of this would be shared with the proposed Lomax 3-1 well. A pad 165' x 300' and a reserve pit 100' x 150' are planned for the location.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM stipulations;
2. lease stipulations;
3. provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report; and
4. the location was moved 125' south and 150' west to avoid a small archaeological find site. This move would also avoid the large existing drainage on the north side of the pad. The first proposed move of 200' west would have placed the pad considerably closer to this drainage. New coordinates would be 784' FNL & 812' FEL

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1,2,4,6	October 27 1981	
Unique charac- teristics							1,2,4,6		
Environmentally controversial							1,2,4,6		
Uncertain and unknown risks							1,2,4,6		
Establishes precedents							1,2,4,6		
Cumulatively significant							1,2,4,6		
National Register historic places							1,6		
Endangered/ threatened species							1,6		
Violate Federal, State, local, tribal law							1,2,4,6	↓	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements Other than the Items 1-7.*



*North View
Lomax 2-1*



United States Department of the Interior

IN REPLY REFER TO

T & R
U-801

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

December 10, 1981

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, UT 84104

Re: Joint Onsite Inspection
Lomax Exploration
T9S, R16E, Sec. 1 Well #2-1
T9S, R16E, Sec. 26 Well #1-26

Dear Mr. Guynn:

On December 10, 1981 a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Lomax Exploration, Ross Construction, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration".
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Top soil will be stockpiled as addressed in the applicants 13 point plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. All trash must be contained and hauled to an approved disposal site.

7. All permanent (onsite for six (6) months duration or longer) structures constructed or installed shall be painted a flat (non-reflective) earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. This paint is available thru Republic Supply Company in Vernal, Utah. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
8. At location #2-1, the entire location will be moved 150' west and 125' south to avoid archaeological site 42 Dc. 381.
9. At location #1-26, the pad will be rotated 180° so as to have the pit on the uphill side of the location. The pit dimensions will be changed to 75' x 175'.

An archaeological clearance has been conducted by Grand River Consultants, Inc., of the proposed drill site and proposed access road. No cultural materials were located on the surface of the surveyed areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna and their habitats.

Sincerely,



Ralph J. Heft
Area Manager
Diamond Mountain Resource Area

cc: USGS, Vernal

TEN POINT WELL PROGRAM

Lomax Exploration Company
Federal #2-1
NE NE Section 1, T9S, R16E
Duchesne County, Utah

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0-2800
Green River	2800
Wasatch	5840

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

Green River	2810	
H zone	3150	Sand & Shale - possible oil & gas shows
J zone	4050	Sand & Shale - Oil & Gas shows anticipated
M zone	5350	Sand & Shale - primary objective - oil

4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; set at 300'
5 1/2", J-55, 15.50#, STC; set at TD
All casing will be new

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 10" Series 900 Hydrill Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operation will be checked daily. (See exhibit A)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh water to the "J" zone and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction Laterolog and a Compensated Neutron-Formation Density.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

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

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence approximately February, 1982, and will last one month.

LOMAX EXPLORATION

13 Point Surface Use Plan

For

Well Location

Federal #2-1

Located In

Section 1, T9S, R16E, S.L.B. & M.

Duchesne County, Utah

LOMAX EXPLORATION
Federal #2-1
Section 1, T9S, R16E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLORATION well location site Federal #2-1, located in the NE 1/4 NE 1/4 Section 1, T9S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed Westerly out of Vernal, Utah along U.S. Highway 40 - 49.0 miles + to the junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 5.4 miles to its junction with an existing dirt road to the Southwest; proceed Southwesterly along this road 2.9 miles to its junction with an existing dirt road to the Southeast; proceed Southeast along this road 1.4 miles to its junction with an existing dirt road to the East. Proceed Easterly along this road 0.9 miles to its junction with the proposed access road to be discussed in Item #2).

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South; thereafter the road is constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are mainted by County crews.

The aforementioned dirt oil field service roads and other roads in the vacinity are constructed out of existng native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale material.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned road leaves the existing road described in Item #1 in the NE 1/4 NW 1/4 Section 1, T9S, R16E, S.L.B. & M., and proceeds in a Easterly direction approximately 0.3 miles to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There may be one culvert required along this access road, it will be placed according to specifications for culvert placement found in the Oil & Gas Operation Manual.

There will be no turnouts required along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

The lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

3. LOCATION OF EXISTING WELLS

There are eight producing wells and one known abandoned well within a one mile radius of this location site. (See Topographic Map "B")

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are two existing LOMAX EXPLORATION wells within a one mile radius of this location site. Each of these locations have the following production facilities - two 300 barrel tnks, line heaters, pumping units and heater trace.

A tank battery site will be set at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing well in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access road approximately 12.8 miles from the Duchesne River at a point where it crosses under U.S. Highway 40.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable chemical toilet will be provided for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site .

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 16 miles to the Southeast of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

LOMAX EXPLORATION
Federal #2-1
Section 1, T9S, R16E, S.L.B. & M.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B").

Federal #2-1 is located approximately 4500' North of Castle Peak Draw a non-perennial drainage which runs to the North & East.

The terrain in the vicinity of the location slopes from the Southwest through the location site to the Northeast at approximately 3.2% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Jack Pruitt
LOMAX EXPLORATION
333 North Belt East, Ste. 880
Houston, TX 77060

1-713-931-9276

LOMAX EXPLORATION
Federal #2-1
Section 1, T9S, R16E, S.L.B.& M.

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by LOMAX EXPLORATION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

8/28/81


Jack Pruitt

June 4, 1982

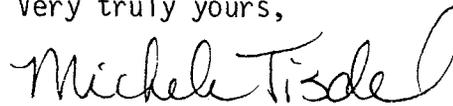
State of Utah
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Federal #2-1
NE/NE Section 1, T9S, R16E
Duchesne County, Utah

Gentlemen:

Please find enclosed two copies of the Completion Report on the subject well.

Very truly yours,



Michele Tisdell
Sec. Drilling & Production

/mt
Enclosures (2)

RECEIVED
MAY 09 1982

DIVISION OF
OIL, GAS & MINING

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.

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
Lomax Exploration Company

3. ADDRESS OF OPERATOR
P.O. Box 4503, Houston, Texas 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface **784' FNL & 812' FEL, Section 1, T9S, R16E**
 At top prod. interval reported below **NE/NE**
 At total depth _____

14. PERMIT NO. **43-013-30603** DATE ISSUED **10/02/81**

5. LEASE DESIGNATION AND SERIAL NO.
U-33992
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 9. WELL NO. **Federal**
 10. FIELD AND POOL, OR WILDCAT
2-1 WILDCAT
 11. SEC., T., R., E., OR BLOCK AND SURVEY OR AREA
Monument Butte
Section 1, T9S, R16E

15. DATE SPUNDED **3/25/82** 16. DATE T.D. REACHED **3/31/82** 17. DATE COMPL. (Ready to prod.) **4/29/82** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) **5341' GR**
 20. TOTAL DEPTH, MD & TVD **5750** 21. PLUG, BACK T.D., MD & TVD **5707** 22. IF MULTIPLE COMPL., HOW MANY* **N/A** 23. INTERVALS DRILLED BY **Rotary** ROTARY TOOLS **Yes** CABLE TOOLS
 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* _____ 25. WAS DIRECTIONAL SURVEY MADE **Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN **Green River 4026-5140'** 27. WAS WELL CORED **Yes**
DLI-GR, DNL-FDC, CBL-GR **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	221	12 1/4	150 sx Cl "G" w/2% CaCl	
5 1/2	15.50	5757	7 7/8	670 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	5175	None

31. PERFORATION RECORD (Interval, size and number)

Interval	Size	Number
4026-38 (7 shots)	5075	} 1 SPF
4070	4346	
4072	4348	
4344	5137	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4026-5140	6,000 gal 7 1/2% HCl
	63,000 gal gel
	45,000# 10/20 214 Bbts 2% KCl wtr
	94,000# 20/40

33.* PRODUCTION

DATE FIRST PRODUCTION **5/12/82** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Pumping** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST **6/03/82** HOURS TESTED **24** CHOKED SIZE _____ PROD'N. FOR TEST PERIOD _____ OIL—BBL. **26** GAS—MCF. **N/M** WATER—BBL. **62** OIL GRAVITY (CORR.) **N/M**

FLOW. TUBING PRESS. **135** CASING PRESSURE **85** CALCULATED 24-HOUR RATE _____ OIL—BBL. **26** GAS—MCF. **N/M** WATER—BBL. **62** OIL GRAVITY (CORR.) **N/M**

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY **32**
Fuel for Pumping Unit **Jim Schaefer**

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 _____ TITLE **Mgr. Drilling & Production** DATE **06/04/82**

*(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.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Oil Shale Marker	3768	+1589
E Douglas Creek	4762	+595
D " "	4803	+554
C " "	4953	+404
B " "	5136	+221



RECEIVED

SEP 10 1985

DIVISION OF OIL
GAS & MINING

September 9, 1985

State of Utah
Division of Oil, Gas & Mining
355 N.W. Temple
Three Triad Center - Suite 350
Salt Lake City, Utah 84180-1203
Attn: Ron Firth

Gas Tests - August 1985

Dear Mr. Firth:

Please find enclosed our gas tests for the month of August 1985 and the appropriate curtailment schedules.

Please advise if further information is required.

Very truly yours,

LOMAX EXPLORATION COMPANY

A handwritten signature in black ink, appearing to read "Jodie S. Faulkner". The signature is fluid and cursive.

Jodie S. Faulkner
Production Technician

cc: W. Carothers
Bill K. Myers
Cheryl Cameron

JSF/jc

LOMAX TEST REPORT

Month of August 1985 14

SEP 10 1985

Well Name	DIVISION OF OIL GAS & MINING	TEST			CURRENT MONTH (bbls oil)			Next Month ² Ceiling	
		Date	BOPD	MCFD ¹ GOR	Production Ceiling	Actual Production	Over (Under)		
Duchesne Ute Tribal	#11-19	8/02/85	5	14	2745	NA	NA	NA	
	7-24	8/07/85	38	141	3730	429	368	(61)	870
	11-25	SHUT IN				NA	NA	NA	NA
<i>95.16E. #1 POW</i>	Monument Butte Fed. # 2-1	SHUT IN				NA	NA	NA	NA
	1-25	SHUT IN				NA	NA	NA	NA
Monument Butte State #	1-2	SHUT IN				NA	NA	NA	NA
W. Monument Butte	# 2-33	8/01/85	10	4	366	NA	NA	NA	NA
Pariette Draw	# 9-23	8/02/85	60	53	882	NA	NA	NA	NA
W. Pariette Federal	# 6-29	8/02/85	23	29	1278	NA	NA	NA	NA
River Junction	# 16-7	8/30/85	16	16	969	NA	NA	NA	NA
	11-18	SHUT IN				NA	NA	NA	NA
Sowers Canyon	# 13-3	8/29/85	6	13	2183	NA	NA	NA	NA
Tabby Canyon	#9-23X	8/04/85	51	15	302	NA	NA	NA	NA
	1-25	8/06/85	86	47	550	NA	NA	NA	NA

1. Flared or Vented
2. Incorporates GOR formula & over/under amount

Signature: *[Signature]*
 Title: PROD TECH

Date: 9-9-85

LOMAX TEST REPORT

Month of November 1987

Well Name	TEST				CURRENT MONTH (bbls oil)			Next Month ² Ceiling
	Date	BOPD	MCFD ¹	GOR	Production Ceiling	Actual Production	Over (Under)	
^{43-013-3079 POW 45 SW 13} Coyote Canyon #3-13	11-18-87	40	0	-	NA	NA	NA	NA
^{45 4W 18} ^{43-013-30838 POW} #4-18	SHUT-IN							
^{45 2W 19} Duchesne U.T. #11-19	SHUT-IN	P&A'd	11/12/87					
^{43-013-30767 PA} ^{45 3W 21} #7-24	SHUT-IN							
^{43-013-30768 POW} ^{45 3W 25} #11-25	11-07-87	28	0	-	NA	NA	NA	NA
^{45 16E} Monument B. Fed. #2-1	SHUT-IN							
^{43-013-30603 POW} ^{85 16E 35} #1-35	SHUT-IN							
^{45 16E 2} Monument B. State #1-2	SHUT-IN							
^{43-013-30596 POW} ^{45 16E 2} #1-35	SHUT-IN							
^{43-013-30749 POW 85 16E 33} W. Monument Butte #2-33	SHUT-IN							
^{43-047-31543 POW 85 17E 23} Pariette Draw #9-23	11-26-87	36	28	776	NA	NA	NA	NA
^{43-047-31550 POW 85 18E 29} W. Pariette Fed. #6-29	11-25-87	16	0	-	NA	NA	NA	NA
^{43-047-31360 POW 95 20E 7} River Junction #16-7	11-26-87	7	3	485	NA	NA	NA	NA
^{95 20E 18} ^{43-047-31316 SOLW} #11-18	SHUT-IN							
^{43-013-30999 POW 55 SW 23} Tabby Canyon #9-23X	11-02-87	25	11	472	NA	NA	NA	NA
^{55 SW 25} ^{43-013-30945 POW} #1-25	11-08-87	44	36	820	NA	NA	NA	NA

- Flared or Vented
- Incorporates GOR formula & over/under amount

Signature: [Signature]
 Title: Production Technician

Date: 12-18-87



June 14, 1990

RECEIVED
JUN 18 1990

DIVISION OF
OIL, GAS & MINING

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
Attention: Ed Forsman

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attention: Don Jarvis

Monument Butte Fed. #2-1
NE/NE Sec. 1, T9S, R16E
Duchesne County, Utah

Gentlemen:

Please find enclosed the "Sundry Notice and Report on Wells" for suspension of production for the above referenced location.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

Brad Mecham
Regional Production Manager

/ln

Enclosures

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

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

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

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <p align="center">U-33992</p>	
2. NAME OF OPERATOR LOMAX EXPLORATION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 1446, Roosevelt, UT 84066		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 784' FNL 812' FEL NE/NE		8. FARM OR LEASE NAME Federal	
14. PERMIT NO. 43-013-30603		9. WELL NO. #2-1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5341' GR		10. FIELD AND POOL, OR WILDCAT Monument Butte	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 1, T9S, R16E	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

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"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) Suspension of Production <input checked="" 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.)*

Lomax Exploration Company requests a Suspension of Production under the "Stripper Policy" as premature abandonment of this well would result in a loss of recoverable reserves.

OIL AND GAS	
DRN	RJF
JPB	GLH
DTS	SLS
1-DMEV ✓	
2-MICROFILM ✓	
2-FILE	

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

SIGNED Brad Mecham TITLE Regional Prod. Manager DATE 6/14/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

RECEIVED

JUN 23 1993

DIVISION OF
OIL GAS & MINING



June 14, 1993

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
Attention: Ed Forsman

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: Monument Butte Federal #2-1
NE/NE Section 1, T9S, R16E
Monument Butte (Green River "D") Unit
Duchesne County, UT

Gentlemen:

Please find enclosed the "Sundry Notice and Report" for off lease water disposition for the above referenced location.

If you should have any questions, please don't hesitate to call me in the Roosevelt office at 801-722-5103.

Sincerely,

A handwritten signature in cursive script that reads "Brad Mecham".

Brad Mecham
Regional Production Manager

\n
GOVT2-1FDSN.LTR

Enclosure

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

LOMAX EXPLORATION COMPANY

3. Address and Telephone No.

801-722-5103

P.O. Box 1446 W. Poleline Road, Roosevelt, UT 84066

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

784' FNL 812' FEL NE/NE Section 1, T9S, R16E

5. Lease Designation and Serial No.

UTU33992

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal #2-1

9. API Well No.

43-013-30603

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, UT

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

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

Lomax Exploration as operator of the above referenced well would like to apply for approval of off lease water disposition. The Monument Butte Federal #2-1 is currently producing approximately 45 BWPD. We would like to transfer this water by truck to our Monument Butte Federal #5-35, Section 35, T8S, R16E, SW/NW. This well is in our Monument Butte Green River "D" Unit and is an approved water injection well for enhanced recovery. Please find enclosed water analysis that were done for compatibility. This production water can be used for injection fluid.

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Date: 6-28-93

By: [Signature]

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JUN 23 1993

DIVISION OF
OIL, GAS & MINING

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

Signed [Signature] Title Regional Production Manager Date 6/14/93

(This space for Federal or State office use)

Approved by Federal Approval of this Title _____ Date _____
Conditions of approval, if any: Action is Necessary

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



UNICHEM
INTERNATIONAL
INCORPORATED

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5066
Fax (801) 722-5727

WATER ANALYSIS REPORT

COMPANY LOMAX EXPLORATION ADDRESS _____ DATE: 5-11-93
 SOURCE Combined MBF 2-1 (1 part) to Johnson Water 3 parts ANALYSIS NO. _____
 DATE SAMPLED _____

Analysis	Mg/l (ppm)	*Meq/l
1. PH	8.3	
2. H ₂ S (Qualitative)	.5	
3. Specific Gravity	1.011	
4. Dissolved Solids	5066	
5. Suspended Solids		
6. Anaerobic Bacterial Count		C/MI
7. Methyl Orange Alkalinity (CaCO ₃)		
8. Bicarbonate (HCO ₃)	HCO ₃ 1100	+61 18 HCO ₃
9. Chlorides (Cl)	Cl 2120	+35.5 60 Cl
10. Sulfates (SO ₄)	SO ₄ 40	+48 1 SO ₄
11. Calcium (Ca)	Ca 64	+20 3 Ca
12. Magnesium (Mg)	Mg 17	+12.2 1 Mg
13. Total Hardness (CaCO ₃)	230	
14. Total Iron (Fe)	2.3	
15. Barium (Qualitative)		
16. Phosphate Residuals		

Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		3		243
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		1		73
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		14		1176
Na ₂ SO ₄	71.03		1		71
Na Cl	58.46		60		3508

Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____

COPY

Bureau of Land Management
Branch of Fluid Minerals (UT-922)
P.O. Box 45155
Salt Lake City, Utah 84145-0155

June 28, 1993

Equitable Resources Energy Company
Balcron Oil Division
C/O UnitSource Incorporated
1050 - 17th Street, Suite 705
Denver, Colorado 80265

Gentlemen:

The Jonah (Green River) Secondary Recovery Unit Agreement, Duchesne County, Utah, was approved June 28, 1993. This agreement has been designated No. UTU72086A, and is effective July 1, 1993. The unit area embraces 4,221.61 acres, more or less.

Pursuant to regulations issued and effective June 17, 1988, all operations within the Jonah (Green River) Secondary Recovery Unit will be covered by your nationwide (Montana) oil and gas bond No. 0576.

The following leases embrace lands included within the unit area:

*U-017985	U-096547	*U-33992
*U-020252	U-096550	*U-40652
U-020252A	*U-3563A	*U-44426
U-035521	U-18399	U-52013
U-035521A		

* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

All lands and interests by State of Utah, Cause No. 228-2 are fully committed except Tracts 4, 5, 10A, 10B, 11, 12A, 12B, 12C and 12D totalling 954.13 acres (22.60 percent) which are partially committed. Also, certain overriding royalty interest owners have not signed the unit agreement. All parties owning interests within this unit area were invited to join the unit agreement.

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JUN 29 1993

DIVISION OF
OIL GAS & MINING

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources. Enclosed is one copy of the approved unit agreement for your records. We request that you furnish the State of Utah and all other interested principals with appropriate evidence of this approval.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Branch of Lands and Minerals Operations (U-942) w/enclosure
MMS - Data Management Division
Division of State Lands and Forestry
Division of Oil, Gas and Mining /
District Manager - Vernal w/enclosure
File - Jonah (Green River) Unit w/enclosure
Agr. Sec. Chron
Fluid Chron

U-922:TAThompson:tt:06-28-93



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

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

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

June 30, 1993

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

The Jonah Unit becomes effective July 1, 1993, and Equitable Resources Energy Company, Balcron Oil Division has been named Unit Operator and will take over operations of the wells within the Unit. Enclosed are sundry notices requesting approval of this Change of Operator for the wells on the enclosed list.

If you have any questions or need further information, please give me a call at (406) 259-7860.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

RECEIVED

JUL 01 1993

DIVISION OF
OIL GAS & MINING

JONAH UNIT

Duchesne County, Utah

<u>WELL</u>	<u>LEASE #</u>	<u>CURRENT OPERATOR</u>
C & O Gov't #1 NW SW Sec. 12, T9S, R16E 1905' FSL 660' FWL	U-035521-A	Wildrose Resources
C & O Gov't #2 NW SE Sec. 12, T9S, R16E 1980' FSL 2080' FEL	U-035521-A	Wildrose Resources
C & O Gov't # 4 NE SW Sec. 12, T9S, R16E 2140' FSL 1820' FWL	U-035521-A	Wildrose Resources
✓ Federal #2-1 (SI) NE NE Sec. 1, T9S, R16E 784' FNL 812' FEL	U-33992	Lomax Exploration
Getty # 7-A NE NE Sec. 7, T9S, R17E 761' FNL 664' FEL	U-44426	Alta Energy
Getty # 7-C NE NW Sec. 7, T9S, R17E 1129' FNL 2229' FWL	U-44426	Alta Energy
Getty # 12-1 NW NE Sec. 12, T9S, R16E 501' FNL 2012' FEL	U-44426	Alta Energy

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
Federal # U-33992

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

7. Unit Agreement Name:
Jonah Unit

8. Well Name and Number:
Federal #2-1

9. API Well Number:
43-013-30603

10. Field and Pool, or Wildcat:
Monument Butte/Green River

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.

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well
Footages: **784' FNL, 812' FEL**
CO, Sec., T., R., M.: **NE NE Section 1, T9S, R16E**

County: **Duchesne**
State: **UTAH**

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

NOTICE OF INTENT
(Submit in Duplicate)

Abandonment
 Casing Repair
 Change of Plans
 Conversion to Injection
 Fracture Treat
 Multiple Completion
 Other Change of operator

New Construction
 Pull or Alter Casing
 Recompletion
 Shoot or Acidize
 Vent or Flare
 Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

Abandonment
 Casing Repair
 Change of Plans
 Conversion to Injection
 Fracture Treat
 Other _____

New Construction
 Pull or Alter Casing
 Shoot or Acidize
 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 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 July 1, 1993, which is the effective date of the start of the Jonah Unit, operations of this well will be taken over by:

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

as Unit Operator. Operatorship of this well will be taken over from:

Lomax Exploration Co.
77 West 200 South, Suite 402
Salt Lake City, UT 84101

RECEIVED

JUL 01 1993

DIVISION OF
OIL, GAS & MINING

13. Name & Signature: *Bobbie Schuman* Title: Coordinator of Environmental and Regulatory Affairs Date: June 30, 1993
Bobbie Schuman

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 7-13-93
BY: *[Signature]*

OPERATOR EQUITABLE RESOURCES ENERGY CO.
ADDRESS BALCRON OIL DIV.

OPERATOR ACCT. NO. N 9890

ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	2686	11492	43-013-30603	FEDERAL 2-1	NENE	1	9S	16E	DUCHESNE	3-25-82	7-1-93
WELL 1 COMMENTS: *JONAH UNIT EFFECTIVE 7-1-93.											
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 Title 7-13-93 Date
Phone No. ()

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1-LEGE	7-IBC
2-DTS	
3-VLC	
4-RJF	
5-PL	
6-ADA	

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: 7-1-93)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY CO/FORM</u> (former operator)	<u>LOMAX EXPLORATION CO.</u>
(address)	<u>BALCRON OIL DIV.</u>	<u>PO BOX 1446</u>
	<u>PO BOX 21017</u>	<u>ROOSEVELT, UT 84066</u>
	<u>BILLINGS, MT 59104</u>	<u>KEBBIE JONES</u>
	phone <u>(406) 259-7860</u>	phone <u>(801) 722-5103</u>
	account no. <u>N 9890</u>	account no. <u>N 0580</u>

Well(s) (attach additional page if needed): ***JONAH UNIT**

Name: <u>FEDERAL 2-1/GRRV</u>	API: <u>43-013-30603</u>	Entity: <u>2686</u>	Sec <u>1</u> Twp <u>9S</u> Rng <u>16E</u>	Lease Type: <u>U-33992</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: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Reg. 7-8-93) (Rec'd 7-12-93)*
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 7-1-93)*
- 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: _____.
- Sec 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.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(7-13-93)*
- Sec 6. Cardex file has been updated for each well listed above. *(7-13-93)*
- Sec 7. Well file labels have been updated for each well listed above. *(7-13-93)*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(7-13-93)*
- Sec 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

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) 2686 to 11492 (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- See 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 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.
- See 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

- Y/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.
- Y/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: July 26 1993.

FILING

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

COMMENTS

930713 Bm/s.l. Approved 6-28-93 eff. 7-1-93.
(see also Wildrose to Equitable & Alta Energy to Equitable)

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

July 12, 1993



RECEIVED

JUL 14 1993

DIVISION OF
OIL GAS & MINING

State of Utah
Attn: Lisha Romero
Division of Oil, Gas & Mining
355 West North Temple
Three Triad Center - Suite 350
Salt Lake City, Utah 84180-1203

RE: Monument Butte Federal #2-1,
Sec. 1, T9S, R16E 43-013-30603
Duchense County, Utah

Dear Lisha:

As per our phone conversation please find enclosed a "Sundry Notice" for the above referenced well. This notice states that effective July 1, 1993 Equitable Resources will be the new operator.

If you have any questions or need further information, please don't hesitate to call me.

Sincerely,

A handwritten signature in cursive script that reads "Kebbie S. Jones".

Kebbie S. Jones
Production Secretary

Enclosures

/kj

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
UTU33992

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
Jonah Unit

8. Well Name and Number:
Federal #2-1

9. API Well Number:
43-013-30603

10. Field and Pool, or Wildcat:
Monument Butte

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
LOMAX EXPLORATION

3. Address and Telephone Number:
P.O. Box 1446 Roosevelt, Utah 84066 (801) 722-5103

4. Location of Well
Footages: **784' FNL 812' FEL**
QQ, Sec., T., R., M.: **NE/NE Section 1, T9S, R16E**

County: **Duchesne**
State: **Utah**

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)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other <u>Change of Operator</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____ 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.

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.)

Lomax Exploration reports that effective July 1, 1993 Equitable Resources will be the new operator of the above referenced well.

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JUL 14 1993

DIVISION OF
OIL GAS & MINING

13. **Brad Mecham**
Name & Signature: *Brad Mecham* Title: **Regional Prod. Mgr.** Date: **7/12/93**

(This space for State use only)

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SEP 20 1993

OPERATOR Balacron Oil
ADDRESS P.O. Box 21017
Billings MT 59104

OPERATOR ACCT. NO. H 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	DIVISION OF OIL, GAS & MINING	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
						QQ	SC	TP	RG	COUNTY		
D	11068	11492	4301330702		MB 1-13	NW SW	1	9S	16E	Duchesne		7/1/93
WELL 1 COMMENTS: Jonah Unit												
D	11069	11492	4301330703		MB 1-14	SW SW	1	9S	16E	Duchesne		7/1/93
WELL 2 COMMENTS:												
D	11070	11492	4301330646		MB 1-23	NE SW	1	9S	16E	Duchesne		7/1/93
WELL 3 COMMENTS:												
D	00050	11492	4301330701		MB 1-24	SE SW	1	9S	16E	Duchesne		7/1/93
WELL 4 COMMENTS:												
D	? ←	11492	4301330603		Federal 2-1	NE NE	1	9S	16E	Duchesne		7/1/93
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)

Dawn Schindler
Signature
Prod. Acct
Title
9-15-93
Date
Phone No. (406) 259-7860

43013-30603



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

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

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

September 20, 1993

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

Gentlemen:

RE: Federal #2-1
NE NE Sec. 1, T9S, R16E
Duchesne County, Utah

RECEIVED
SEP 22 1993
DIVISION OF
OIL, GAS & MINING

Enclosed is our report of putting the referenced well on production.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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-33992
2. Name of Operator Equitable Resources Energy Company, Balcron Oil Division	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. P.O. Box 21017; Billings, MT 59104 (406) 259-7860	7. If Unit or CA, Agreement Designation Jonah Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE NE Section 1, T9S, R16E 784' FNL, 812' FEL	8. Well Name and No. Federal #2-1
	9. API Well No. 43-013-30603
	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 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>production</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.)*

This well was put on production on 9/15/93. The well had been shut-in when Equitable Resources Energy Company, Balcron Oil Division took the well over from Lomax.

RECEIVED

SEP 22 1993

DIVISION OF
OIL, GAS & MINING

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

Signed *Bobbie Schuman* Title Coordinator of Environmental and Regulatory Affairs Date September 20, 1993
Bobbie Schuman

(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.

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-33992

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

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Federal #2-1

9. API Well No.
43-013-30603

10. Field and Pool, or Exploratory Area
Monument 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, 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)
NE NE Section 1, T9S, R16E.
784' FNL, 812' FEL

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>work done</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.)*

This is both a Notice of Intent to do work on this well and a Subsequent Report of the work done. Verbal approval to do the work was received as noted on the attached report. Work was done in accordance with the attached report.

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

Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date December 28, 1993

(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

EPECO Balcon Oil Division

Jonah Unit

Monument Butte Field

Attachment to Sundry Notice for work completed.

Federal #2-1

NE NE Sec.1, T9S, R16E

Jonah Unit

Monument Butte Field

Duchesne County, Utah

As per verbal approval from Ed Forsman on 10-26-93, the following work was performed:

- 1) MIRU B&B Well Service.
- 2) Swab test all perms to determine where water is coming from.
- 3) Water coming from the Yellow-1 zone.
- 4) Squeeze off the upper perforations of the Green River Formation. Yellow-1 Zone Perfs @ 4026'- 4038' KB (7 shots) and 4070'- 4072' KB (2 shots). Squeezed perms w/ 100 sx Class-G, 0.5% TF-4 (Dispersent), and 0.3% CF-14 (Water Loss Additive).
- 5) Drill out cement from casing and test squeeze to 1000 psig.
- 6) Return well to production.



EQUITABLE RESOURCES
ENERGY COMPANY

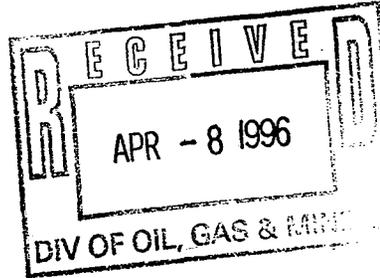
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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

March 22, 1996

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



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

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.

5. Lease Designation and Serial Number:
See attached listing

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

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

10. Field and Pool, or Wildcat:
See attached listing

County: See attached list

State: UTAH

1. Type of Well: OIL GAS OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

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

4. Location of Well
Footages: See attached listing

QQ, Sec., T., R., M.:

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

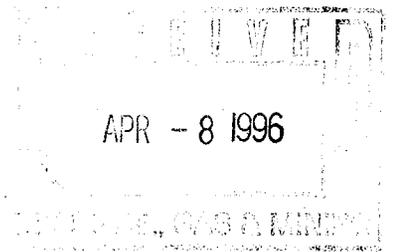
Abandon New Construction
 Repair Casing Pull or Alter Casing
 Change of Plans Reperforate
 Convert to Injection Vent or Flare
 Fracture Treat or Acidize Water Shut-Off
 Other Operator name change

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.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.



13. Name & Signature: Bobbie Schuman Title: Regulatory and Environmental Specialist Date: March 27, 1996
Bobbie Schuman

(This space for State use only)

UTAH

Boll Weevil Federal #26-13	Undesignated	NW SW	26	8S	16E	Duchesne	UT	OTA	Green River	U-34346	43-013-30770	1980' FSL, 660' FWL	Vernal	
C&O Gov't #1	Monument Butte	NW SW	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521-A	43-013-15111	1905' FSL, 660' FWL	Vernal	Jonah
C&O Gov't #2	Monument Butte	NW SE	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521-A	43-013-15112	1980' FSL, 2080' FEL	Vernal	Jonah
C&O Gov't #4	Monument Butte	NE SW	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521-A	43-013-30742	2140' FSL, 1820' FWL	Vernal	Jonah
Castle Peak Federal #22-15	Monument Butte	SE NW	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30634	2125' FNL, 2006' FWL	Vernal	Jonah
Castle Peak Federal #24-10A	Monument Butte	SE SW	10	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30555	660' FSL, 1980' FWL	Vernal	
Castle Peak Federal #24-15	Monument Butte	SE SE	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30631	720' FSL, 2050' FWL	Vernal	Jonah
Castle Peak Federal #31-15	Monument Butte	NW NE	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30613	548' FNL, 2062' FEL	Vernal	Jonah
Castle Peak Federal #33-15	Monument Butte	NW SE	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30632	2341' FSL, 1790' FEL	Vernal	Jonah
Castle Peak Federal #42-15	Monument Butte	SE NE	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30633	1820' FNL, 820' FEL	Vernal	Jonah
Castle Peak Federal #44-10	Monument Butte	SE SE	10	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30630	557' FSL, 667' FEL	Vernal	Jonah
Castle Peak State #43-16	Monument Butte	NE SE	16	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30594	1820' FSL, 820' FEL	Vernal	Castle Peak
Chomey Federal #1-9	Pariette Bench	SE SW	9	9S	19E	Uintah	UT	OSI	Green River	U-5843	43-047-30070	660' FSL, 1980' FWL	Vernal	
Cobra Federal #42-35	Wildcat	SE NE	35	15S	19W	Millard	UT	PND	Paleozoic	UTU-66504		1600' FNL, 660' FEL	Fillmore	
Coyote Basin #1-12	Coyote Basin	NE SE	12	8S	24E	Uintah	UT	Oil	Green River	U-58226	43-047-20221	1830' FSL, 1980' FWL	Vernal	Coyote Basin
Coyote Basin #32-6	Coyote Basin	SW NE	6	8S	25E	Uintah	UT	WTR	Green River	U-20309-D	43-047-31835	1900' FNL, 2200' FEL	Vernal	Coyote Basin
Coyote Basin Federal #12-13	Coyote Basin	SW NW	13	8S	24E	Uintah	UT	Oil	Green River	U-018073	43-047-31266	2098' FNL, 689' FWL	Vernal	Coyote Basin
Coyote Basin Federal #21-7	Coyote Basin	NE NW	7	8S	25E	Uintah	UT	Oil	Green River	U-41377	43-047-31673	591' FNL, 1858' FWL	Vernal	Coyote Basin
Coyote Basin Federal #43-12	Coyote Basin	NE SE	12	8S	24E	Uintah	UT	Oil	Green River	U-038797	43-047-30943	2140' FSL, 820' FEL	Vernal	Coyote Basin
D. Duncan State #16-5	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 (SI)	Green River	U-44430	43-013-30689		Vernal	Beluga
East Red Wash Federal #1-12	Coyote Basin	SW NE	12	8S	24E	Uintah	UT	Oil	Green River	U-038797	43-047-20207	1980' FNL, 1980' FEL	Vernal	Coyote Basin
East Red Wash Federal #1-13	Coyote Basin	NE NW	13	8S	24E	Uintah	UT	Oil	Green River	U-018073	43-047-20222	660' FNL, 1980' FWL	Vernal	Coyote Basin
East Red Wash Federal #1-5	Coyote Basin	SE NW	5	8S	25E	Uintah	UT	Oil	Green River	U-063597-A	43-047-20174	1989' FNL, 2105' FWL	Vernal	Coyote Basin
East Red Wash Federal #1-6	Coyote Basin	SE NE	6	8S	25E	Uintah	UT	Oil	Green River	U-017439-B	43-047-20208	1980' FSL, 660' FEL	Vernal	Coyote Basin
East Red Wash Federal #2-5	Coyote Basin	NW NW	5	8S	25E	Uintah	UT	OTA	Green River	U-063597-A	43-047-20252	800' FNL, 525' FWL	Vernal	Coyote Basin
East Red Wash Federal #4-6	Coyote Basin	SW SE	6	8S	25E	Uintah	UT	WIW	Green River	U-20309-D	43-047-20261	660' FSL, 1980' FEL	Vernal	Coyote Basin
Federal #1-18	Monument Butte	NW NE	18	9S	17E	Duchesne	UT	OSI	Green River	U-3563	43-013-30332	636' FNL, 2186' FEL	Vernal	Beluga
Federal #1-26	Monument Butte	NE NW	26	8S	17E	Uintah	UT	Oil	Green River	UTU-67845	43-047-31953	461' FNL, 1880' FWL	Vernal	
Federal #13-13	Coyote Basin	NW SW	13	8S	24E	Uintah	UT	Oil	Green River	U-67208	43-047-32196	1976' FSL, 598' FWL	Vernal	Coyote Basin
Federal #14-4	Coyote Basin	SW SW	4	8S	25E	Uintah	UT	Oil	Green River	UTU-41376	43-047-15678	510' FSL, 660' FWL	Vernal	Coyote Basin
Federal #2-1	Monument Butte	NE NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-30603	784' FNL, 812' FEL	Vernal	Jonah
Federal #22-25	Monument Butte	SE NW	25	8S	17E	Uintah	UT	Oil	Green River	UTU-67845	43-047-32008	1667' FNL, 1773' FWL	Vernal	
Getty #12-1	Monument Butte	NW NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-44426	43-013-30889	501' FNL, 2012' FEL	Vernal	Jonah
Getty #7-A	Monument Butte	NE NE	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-30926	761' FNL, 664' FEL	Vernal	Jonah

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			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓	MONUMENT FED 22-12J		GRRV					
4301315796	11492	09S 16E 12						
✓	MONUMENT FED 42-11J		GRRV					
4301330066	11492	09S 16E 11						
✓	ALLEN FEDERAL 23-6		GRRV					
4301330558	11492	09S 17E 6						
✓	ALLEN FEDERAL 32-6		GRRV					
4301330559	11492	09S 17E 6						
✓	ALLEN FEDERAL 41-6		GRRV					
4301330581	11492	09S 17E 6						
✓	ALLEN FEDERAL 12-6		GRRV					
4301330582	11492	09S 17E 6						
✓	ALLEN FEDERAL 43-6		GRRV					
4301330583	11492	09S 17E 6						
✓	ALLEN FEDERAL 21-6		GRRV					
4301330584	11492	09S 17E 6						
✓	ALLEN FEDERAL 34-6		GRRV					
4301330586	11492	09S 17E 6						
✓	FEDERAL 2-1		GRRV					
4301330603	11492	09S 16E 1						
✓	ALLEN FEDERAL 12-5		GRRV					
4301330611	11492	09S 17E 5						
✓	ALLEN FEDERAL 21-5		GRRV					
4301330612	11492	09S 17E 5						
✓	CASTLE PK FED 31-15		GRRV					
4301330613	11492	09S 16E 15						
TOTALS								

COMMENTS: _____

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

Name and Signature: _____ Telephone Number: _____

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	LE 7-SJ	✓
2	DES 8-FILE	✓
3	VLD (GIL)	✓
4	RJH	✓
5	IEC	✓
6	FILM	✓

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 ~~KKK~~ 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>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
	phone <u>(406) 259-7860</u>	<u>BILLINGS MT 59102-4126</u>
	account no. <u>N9890</u>	phone <u>(406) 259-7860</u>
		account no. <u>N9890</u>

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

Name: **SEE ATTACHED**	API: <u>D13-30603</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: _____

OPERATOR CHANGE DOCUMENTATION

- Yec 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.
- Yec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Yec 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Yec 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Yec 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)*
- Yec 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) # 5578314 (\$80,000) Schemo 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. 4/20/96
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases. Sent to Ed Bonner - Trust Lands

FILMING

WSP 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

9/20/10 BLM/BIA "Formal approval not necessary"

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-33992

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

7. If Unit or CA, Agreement Designation
Jonah Unit

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
Federal #2-1

2. Name of Operator
Equitable Resources Energy Company

9. API Well No.
43-013-30603

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

10. Field and Pool, or Exploratory Area
Monumetn Butte/Grn River

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**NE NE Section 1, T9S, R16E
781' FN1, 812' FEL**

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

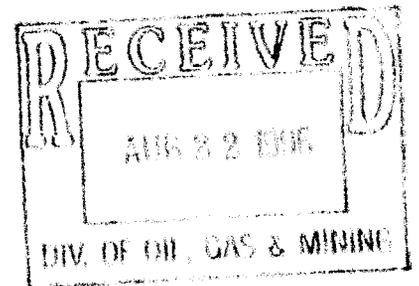
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

In accordance with Onshore Order #7, please be advised that the water produced from this well will be used in injection in the Jonah Unit Waterflood project.

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

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



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

Signed *Bobbie Schuman*
Bobbie Schuman

Title Regulatory and Environmental Specialist

Date August 19, 1996

Approved by _____
Conditions of approval, if any:

Title _____

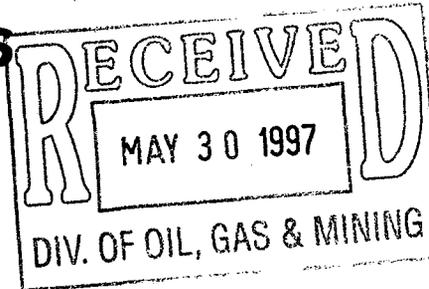
Date _____



EQUITABLE RESOURCES
ENERGY COMPANY

WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102



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

May 27, 1997

Utah Board Of Oil, Gas, & Mining
1594 West North Temple
Suite-1220
Salt Lake City, Utah 84114

In accordance with your request please find enclosed the 1997 produced water analysis for the Uinta Basin waterflood and water disposal operations which are operated by Equitable Resources Energy Company. These water analysis are for wells that are re-injecting or disposing produced water back into the Green River Formation via the following facilities:

Jonah Secondary Recovery Unit
Beluga Secondary Recovery Unit
Coyote Basin Secondary Recovery Unit
Castle Draw (State Section-2) Pilot Waterflood
Pariette Bench Water Disposal Well #4

Equitable Resources Energy Company inadvertently failed to submit a copy of these water analysis when they were sent to the EPA and BLM. If there are any questions please contact me at our Billings, Montana office at 406-259-7860.

Respectfully,

John Zellitti
District Production Engineer

Water Analysis Report

Sonah Unit

Customer : EREC - Western Oil Company

Field : Monument Butte Field

Address : 1601 Lewis Avenue

Lease : Federal Lease

City : Billings

Location : Well No. 02-01

State : MT **Postal Code :** 59104-

Sample Point : wellhead

Attention : John Zellitti

Date Sampled : 23-Jan-97

cc1 : Dan Farnsworth

Date Received : 23-Jan-97

cc2 : Joe Ivey

Date Reported : 08-Feb-97

cc3 :

Salesman : Lee Gardiner

Analyst : Karen Hawkins Allen

CATIONS

ANIONS

Calcium : 112 mg/l
Magnesium : 83 mg/l
Barium : 0 mg/l
Strontium : 0 mg/l
Iron : 2.0 mg/l
Sodium : 3896 mg/l

pH (field) : 8.88
Temperature : 85 degrees F
Ionic Strength : 0.18

Resistivity : ohm/meters

Ammonia : ppm

Comments :

Chloride : 5,600 mg/l
Carbonate : 300 mg/l
Bicarbonate : 1,220 mg/l
Sulfate : 188 mg/l

Specific Gravity : 1.01 grams/ml
Total Dissolved Solids : 11,401 ppm
CO2 in Water : 1 mg/l
CO2 in Gas : 0.03 mole %
H2S in Water : 0.0 mg/l
O2 in Water : 0.000 ppm

SI calculations based on Tomson-Oddo

Calcite (CaCO3) SI :	1.91	Calcite PTB :	96.3
Gypsum (CaSO4) SI :	-2.17	Gypsum PTB :	N/A
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

43-013-30603

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

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)
See Attached

5. Lease Designation and Serial No.
See Attached

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

7. If Unit or CA, Agreement Designation
Jonah Unit
UTU72086A

8. Well Name and No.
See Attached

9. API Well No.
See Attached

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

11. County or Parish, State
Duchesne County, UT

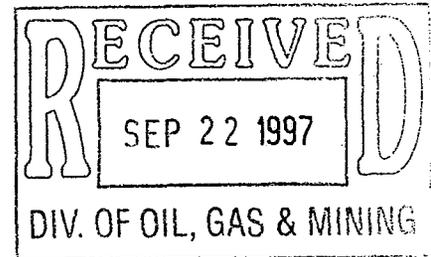
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

Attached are the Site Security Diagrams for the list of wells on the attached Exhibit.



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

Signed Molly Conrad Title Agent for Equitable Resources Energy Company Date 9-15-97

(This space for Federal or State office use)

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

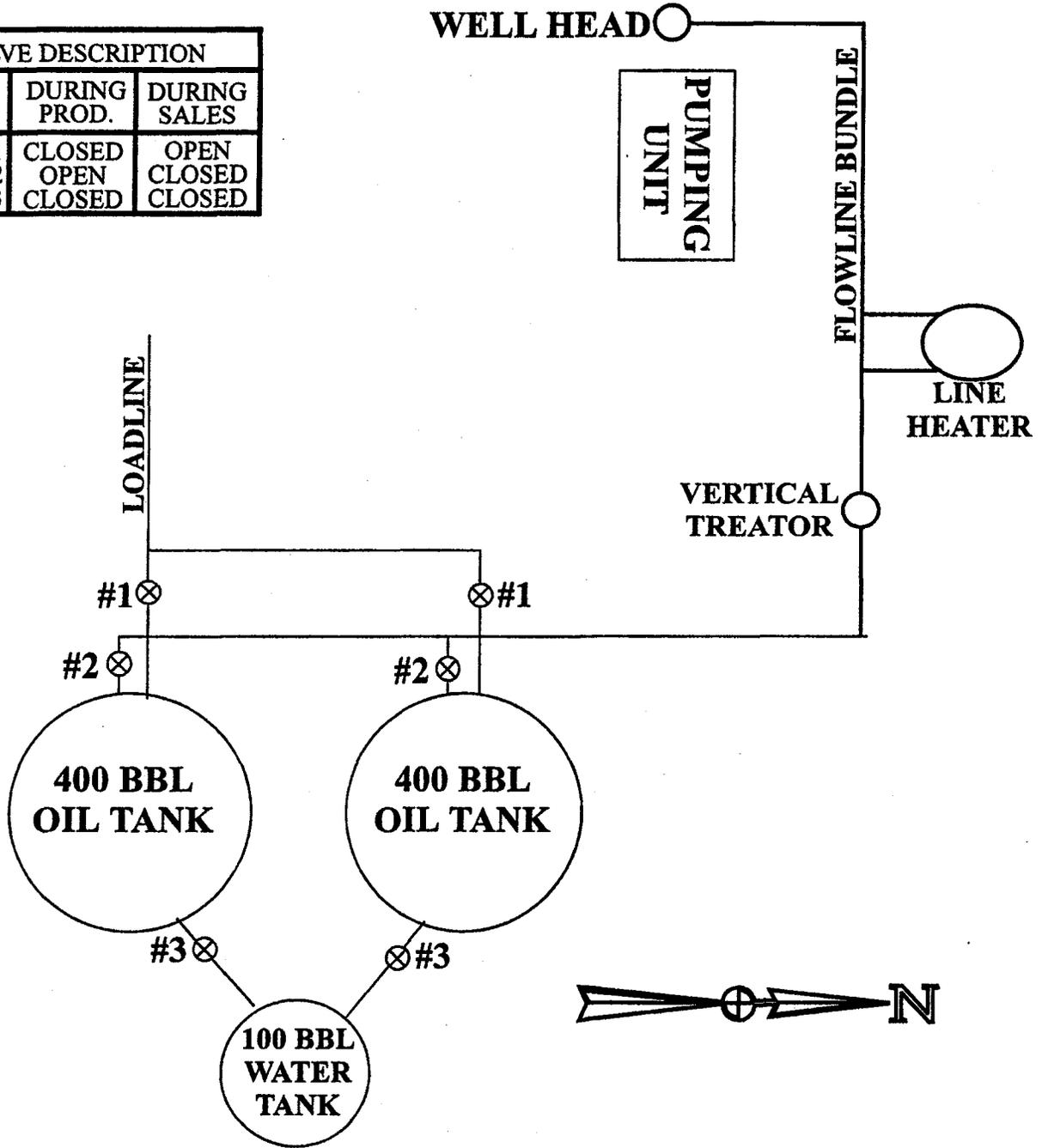
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Jonah Unit Site Security Diagrams

<u>Well Name</u>	<u>Location</u>	<u>County</u>	<u>State</u>	<u>Footages</u>	<u>API Number</u>
Allen Federal #12-5	SW NW Section 5 T9S, R17E	Duchesne	UT	1980' FNL & 660' FWL	43-013-30611
Allen Federal #12-6	SW NW Section 6, T9S, R17E	Duchesne	UT	1980' FNL & 604' FWL	43-013-30582
Allen Federal #21-6	NE NW Section 6, T9S, R17E	Duchesne	UT	660' FNL & 1980' FWL	43-013-30584
Allen Federal #23-6	NE SW Section 6, T9S, R17E	Duchesne	UT	1980' FSL & 1980' FWL	43-013-30558
Allen Federal #34-6	SW SE Section 6, T9S, R17E	Duchesne	UT	662' FSL & 2075' FEL	43-013-30586
Allen Federal #43-6	NE SW Section 6, T9S, R17E	Duchesne	UT	1980' FSL & 660' FEL	43-013-30583
Monument Federal #1-43	NE SE Section 1, T9S, R16E	Duchesne	UT	1980' FSL & 660' FEL	43-013-30734
→ Federal #2-1	NE NE Section 1, T9S, R17E	Duchesne	UT	784' FNL & 812' FEL	43-013-30603

ACCESS ROAD

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	CLOSED



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

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): 9 / 97

AMENDED REPORT (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ ALLEN FEDERAL 23-6 4301330558 11492 09S 17E 6	GRRV			U020252A	4mch (6) Unit	
✓ ALLEN FEDERAL 32-6 4301330559 11492 09S 17E 6	GRRV			"		
✓ ALLEN FEDERAL 41-6 4301330581 11492 09S 17E 6	GRRV			"		
✓ ALLEN FEDERAL 12-6 4301330582 11492 09S 17E 6	GRRV			"		
✓ ALLEN FEDERAL 43-6 4301330583 11492 09S 17E 6	GRRV			"		
✓ ALLEN FEDERAL 21-6 4301330584 11492 09S 17E 6	GRRV			"		
✓ ALLEN FEDERAL 34-6 4301330586 11492 09S 17E 6	GRRV			"		
✓ FEDERAL 2-1 4301330603 11492 09S 16E 1	GRRV			U33992		
✓ ALLEN FEDERAL 12-5 4301330611 11492 09S 17E 5	GRRV			U02052		
✓ ALLEN FEDERAL 21-5 4301330612 11492 09S 17E 5	GRRV			"		
✓ CASTLE PK FED 31-15 4301330613 11492 09S 16E 15	GRRV			U017985		
✓ CASTLE PK FED 44-10 4301330630 11492 09S 16E 10	GRRV			U017895		
✓ CASTLE PK FED 24-15 4301330631 11492 09S 16E 15	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: _____

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: _____
State: _____

RECEIVED
OCT 13 1997

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 checked="" type="checkbox"/> Other <u>Change of Operator</u>	

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>Change of Operator</u>	

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 16 1997

13. Name & Signature: Chris Potter Title: CHRIS A. POTTER, ATTORNEY-IN-FACT Date: 9/30/97

This space for State use only)



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,

A handwritten signature in cursive script that reads "Molly Conrad".

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.*

INLAND

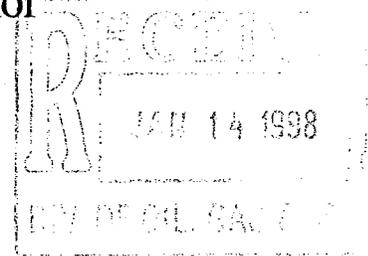
Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ BALCRON FEDERAL #24-3Y	SESW 3 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31397-00	UTU75037	
✓ BALCRON FEDERAL #44-4Y	SESE 4 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31452-00	UTU65967	
✓ BALCRON FEDERAL #14-3Y	SW SW 3 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31535-00	UTU75037	
✓ MONUMENT FEDERAL #11-11Y	NW NW 119S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31593-00	UTU65210	
✓ MONUMENT FEDERAL #31-5-9-17	NW NE 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31680-00	UTU74808	
✓ ALLEN FEDERAL #1	SESE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15779-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #12-5	SWNW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30611-00	UTU020252	UTU72086A
✓ ALLEN FEDERAL #12-6	SWNW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30582-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #13-6	NWSW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30918-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #21-5	NENW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30612-00	UTU020252	UTU72086A
✓ ALLEN FEDERAL #21-6	LOT3 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30584-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #22-6	SENW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30919-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #23-6	NESE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30558-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #31-6	LOT2 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31195-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #32-6	SWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30559-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #34-6	SWSE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30586-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #41-6	NENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30581-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #43-6	NESE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30583-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL A #1	NWNW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15780-00	UTU020252	UTU72086A
✓ C&O GOV'T #1	NWSW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15111-00	UTU035521A	UTU72086A
✓ C&O GOV'T #2	NWSE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15112-00	UTU035521	UTU72086A
✓ C&O GOV'T #4	NESE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30742-00	UTU035521A	UTU72086A
✓ CASTLE PEAK FEDERAL #22-15	SENW 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30634-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #24-15	SESW 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30631-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #31-15	NWNE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30613-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #33-15	NWSE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30632-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #44-10	SESE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30630-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #42-15	SENE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30633-00	UTU017985	UTU72086A
✓ FEDERAL #2-1	NENE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30603-00	UTU33992	UTU72086A
✓ GETTY #12-1	NWNE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30889-00	UTU44426	UTU72086A
✓ GETTY #7-A	NENE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30926-00	UTU44426	UTU72086A
✓ GETTY #7-C	NENW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30961-00	UTU44426	UTU72086A
✓ GOATES FEDERAL #1	SESW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15789-00	UTU096547	UTU72086A
✓ GOATES FEDERAL #3	NWNW 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15791-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE #1-14	SWSW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30703-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE #1-23	NESE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30646-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE #1-24	SESW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30701-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE #1-34	SWSE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30736-00	UTU52013	UTU72086A
✓ MONUMENT BUTTE #1-43	NESE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30734-00	UTU52013	UTU72086A



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

January 13, 1998

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

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

Gentlemen:

On January 13, 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 Jonah (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 January 13, 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 Jonah (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Jonah (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 - Jonah (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-931:TAThompson:tt:1/13/98

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM UTU72086A									
JONAH (GR) SECONDARY RECOVERY UNIT									
UTU72086A	430131511100S1	1	NWSW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578000S1	1	NWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131577900S1	1	SESE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578900S1	1	SESW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430131579200S1	1	SESE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133070200S1	1-13	NWSW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070300S1	1-14	SWSW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133064600S1	1-23	NESW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070100S1	1-24	SESW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133073500S1	1-33	NWSE	1	9S	16E	WIW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073600S1	1-34	SWSE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073400S1	1-43	NESE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133136200S1	11-6	L4	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149200S1	11-7J	NWNW	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133088900S1	12-1	NWNE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133141700S1	12-11J	SWNW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141000S1	12-12J	SWNW	12	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133061100S1	12-5	SWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058200S1	12-6	SWNW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149300S1	12-7J	SWNW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430131579000S1	13-11J	NWSW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133137000S1	13-5	NWSW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091800S1	13-6	NWSW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133137400S1	14-11	SWSW	11	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133141100S1	14-12J	SWSW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133138500S1	14-5	SWSW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131511200S1	2	NWSE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430131579300S1	2	NWNE	14	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133060300S1	2-1	L1	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133140600X1	21-12J	NENW	12	9S	16E	ABD	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133142200X1	21-15J	NENW	15	9S	16E	ABD	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133061200S1	21-5	NENW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058400S1	21-6	L3	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579600S2	22-12J	SENW	12	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063400S1	22-15	SENW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138400S1	22-5	SENW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091900S1	22-6	SENW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133136900S1	23-11	NESW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133137300S1	23-15	NESW	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138300S1	23-5	NESW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133055800S1	23-6	NESW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140900S1	24-12J	SESW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063100S1	24-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133137500S1	24-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133136300S1	24-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579100S1	3	NWNW	14	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133061300S1	31-15	NWNE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG

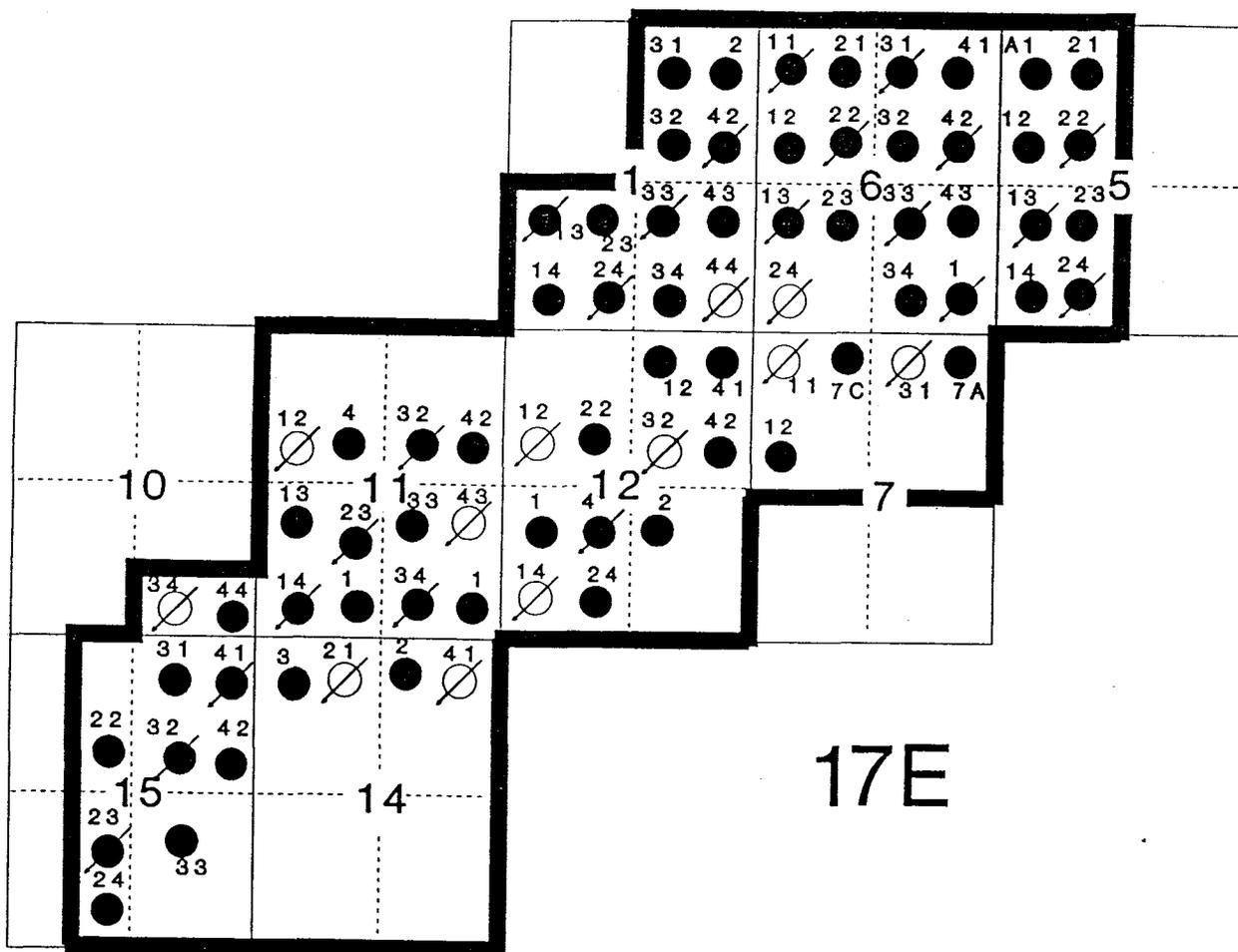
WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
UTU72086A	430133141300S1	31-1J	L2	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133119500S1	31-6	L2	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140500S1	31-7J	NWNE	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133138600S1	32-11	SWNE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141900S1	32-12J	SWNE	12	9S	16E	WIW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133136800S1	32-15	SWNE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141400S1	32-1J	SWNE	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133055900S1	32-6	SWNE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133145100S1	33-11J	NWSE	11	9S	16E	OSI	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063200S1	33-15	NWSE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133136100S1	33-6	NWSE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133141600S1	34-10J	SWSE	10	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133100300S1	34-11	SWSE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058600S1	34-6	SWSE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133074200S1	4	NESW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579500S1	4	SENW	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148700S1	41-12J	NENE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133140800S1	41-14J	NENE	14	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133136700S1	41-15	NENE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133058100S1	41-6	NENE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133006600S1	42-11J	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148600S1	42-12J	SENE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133063300S1	42-15	SENE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133140400S1	42-1J	SENE	1	9S	16E	WIW	UTU40652	EQUITABLE RESOURCES ENERG
UTU72086A	430133136400S1	42-6	SENE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133100200S1	43-11J	NESE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058300S1	43-6	NESE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063000S1	44-10	SESE	10	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141500S1	44-1J	SESE	1	9S	16E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133092600S1	7-A	NENE	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133096100S1	7-C	NENW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG

JONAH (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



16E

17E

9S

— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY
ALLOCATION
FEDERAL 100.00%

OPERATOR CHANGE WORKSHEET

Routing	
1-IEC	6-VIC
2-CH	7-KAS
3-DTS	8-SIV
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) (address) <u>INLAND PRODUCTION COMPANY</u> <u>PO BOX 1446</u> <u>ROOSEVELT UT 84066</u> Phone: <u>(801)722-5103</u> Account no. <u>N5160</u>	FROM: (old operator) (address) <u>EQUITABLE RESOURCES ENERGY</u> <u>PO BOX 577</u> <u>LAUREL MT 59044</u> <u>C/O CRAZY MTN O&G SVS</u> Phone: <u>(406)628-4164</u> Account no. <u>N9890</u>
---	--

WELL(S) attach additional page if needed:

***JONAH (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-30603</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: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec* 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 12-10-97)*
- lec* 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 10-13-97)*
- N/A* 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: _____
- lec* 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.
- lec* 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-14-98) * UIC/Qual Pro 1-14-98 & UIC/DBase 1-14-98.*
- lec* 6. **Cardex** file has been updated for each well listed above.
- lec* 7. Well **file labels** have been updated for each well listed above.
- lec* 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. *(1-14-98)*
- lec* 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

- 1. (r649-8-7) 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.
Entity 11492 "Jonah (BP) Unit"
- 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- 1. (r649-3-1) 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 operator's bond files.
- 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

- 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- 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

- 1. All attachments to this form have been microfilmed. Today's date: 2-3-98.

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

980114 Bfm/SY Aprv. eff. 1-13-98.

Inland Production Company Site Facility Diagram

Federal 2-1

NE/NE Sec. 1, T9S, 16E

Duchesne County

Sept. 17, 1998

Diked Section →

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

Production Phase:

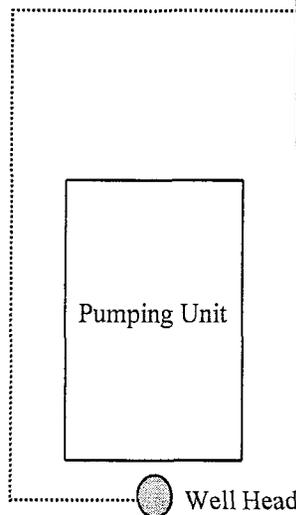
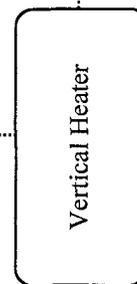
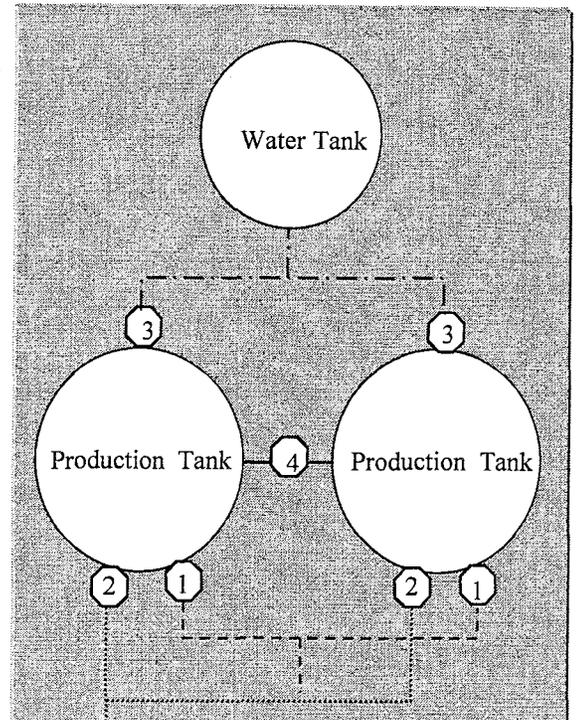
- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

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

Draining Phase:

- 1) Valve 3 open



Legend

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-33992

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

JONAH

8. Well Name and No.

FEDERAL 2-1

9. API Well No.

43-013-30603

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

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

0784 FNL 0812 FEL NE/NE Section 1, T09S R16E

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

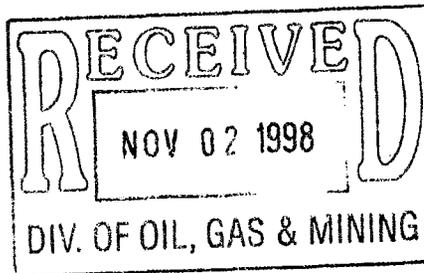
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Site Security

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.)*

Attached please find the site security diagram for the above referenced well.



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

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: UTAH DOGM



Office of the Secretary of State

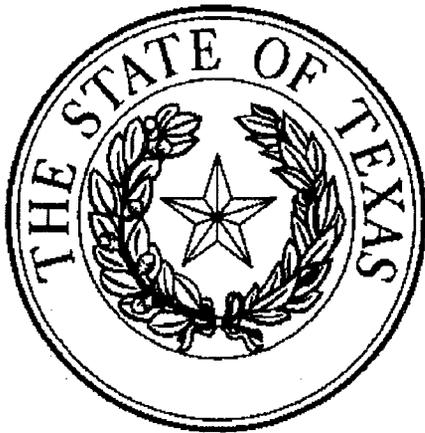
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office
From: Acting Chief, Branch of Fluid Minerals
Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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

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

---ooOoo---

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

---ooOoo---

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

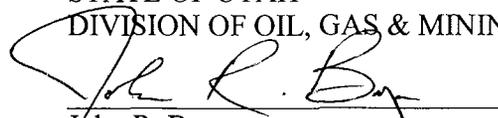
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Beluga 9-18-9-17 well, located in Section 18, Township 9 South, Range 17 East;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

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

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

Dated this 12th day of December, 2001.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



John R. Baza
Associate Director

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

Publication Notices were sent to the following:

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

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

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

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

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

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

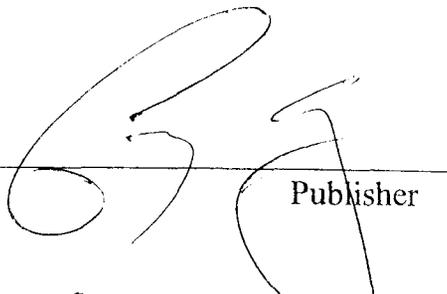


Earlene Russell
Executive Secretary
December 13, 2001

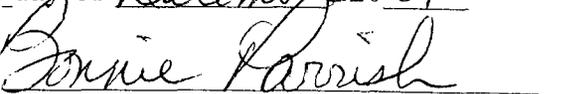
DAVIT OF PUBLICATION

y of Duchesne,
OF UTAH

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



Publisher

Subscribed and sworn to before me this 18 day of December, 2001


Notary Public

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

NOTICE OF AGENCY ACTION CAUSE NO. UIC 283

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

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

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

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

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

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

Dated this 12th day of December, 2001.

STATE OF UTAH
DIVISION OF OIL
GAS & MINING
John R. Baza
Associate Director
Published in the Uintah Basin Standard December 18, 2001.

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

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No. UTU-33992
6. If Indian, Allottee or Tribe Name NA
7. If unit or CA, Agreement Designation Jonah Unit
8. Well Name and No. Federal 2-1-9-16
9. API Well No. 43-013-30603
10. Field and Pool, or Exploratory Area Monument Butte
11. County or Parish, State Duchesne Co., Utah

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other
2. Name of Operator INLAND PRODUCTION COMPANY
3. Address and Telephone No. 410 Seventeenth Street, Suite 700 Denver, CO 80202 (303) 893-0102
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE/NE 784 FNL, 812 FEL Sec. 12, T9S, R16E

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

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

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

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

Please see attached injection application.

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

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

Joyce I. McGough

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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



November 30, 2001

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

RE: Permit Application for Water Injection Well
Federal #2-1-9-16
Monument Butte Field, Jonah Unit, Lease #UTU-33992
Section 1-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Forsman:

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

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

Sincerely,

Joyce McGough
Regulatory Specialist

Enclosures



November 30, 2001

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

RE: Permit Application for Water Injection Well
Federal #1-2-9-16
Monument Butte Field, Jonah Unit, Lease #UTU-33992
Section 1-Township 9S-Range 16E
Duchesne County, Utah
uic-283.3

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Federal #2-1-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Jonah Unit.

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

Sincerely,

W. T. War
Vice President

RECEIVED

DEC 10 2001

DIVISION OF
OIL, GAS AND MINING

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #2-1-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
JONAH UNIT
LEASE #UTU-33992
NOVEMBER 30, 2001

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ATTACHMENT A-1	WELL LOCATION PLAT – NONE AVAILABLE
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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: Federal 2-1-9-16
Field or Unit name: Monument Butte (Green River) Jonah Unit Lease No. UTU-33992
Well Location: QQ NE/NE section 132 township 9S range 16E county Duchesne

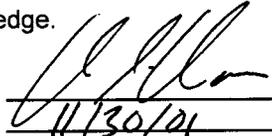
Is this application for expansion of an existing project? Yes [X] No []
Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
Disposal? Yes [] No [X]
Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]
If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]
Date of test: _____
API number: 43-013-30603

Proposed injection interval: from 3764' to 5206'
Proposed maximum injection: rate 500 bpd pressure 1800 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

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

List of Attachments: Attachments "A" through "H-1"

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

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

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

Comments:

Federal #2-1-9-16

Spud Date: 3/25/82
 Put on Production: 4/29/82
 GL: 5341' KB: 5358'

Initial Production: 6 BOPD, 0
 MCFPD, 62 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 221'
 DEPTH LANDED: 238' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class G

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5775'
 DEPTH LANDED: 5774' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 670 sk 50/50 Poz.
 CEMENT TOP AT: 2744'

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/J-55
 NO. OF JOINTS: 161 jts.
 TUBING ANCHOR: None
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5124'
 SN LANDED AT: 5107'

Acid Job

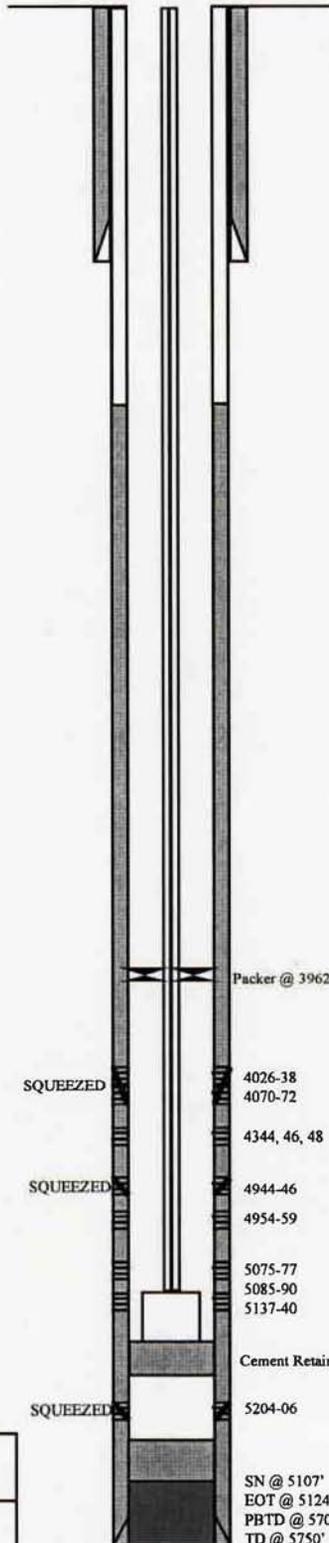
4026' - 4348' Western acidized w 3000 gals
 7.5% HCl acid, on 4/17/82.
 4954' - 5140' Western acidized w 3000 gals
 7.5% HCl acid, on 4/10/82.

FRAC JOB

On 4/17/82, 4026' - 4348' Western Frac w 31,500
 47,000# 20-40 mesh & 20,000# 10-20 mesh sand,
 avg. 31 BPM @ 2200 psig, swab 24 BPH w 10% oil,
 Chlorides @ 10,300 ppm RW = .37 @ 71 Deg. F.

On 4/10/82, 4954' - 5140' Western Frac w 31,500
 47,000# 20-40 mesh & 25,000# 10-20 mesh sand,
 avg. 30 BPM @ 1950 psig, swab 4 BPH

No pressures were reported.



Packer @ 3962'

SQUEEZED

4026-38
4070-72

4344, 46, 48

SQUEEZED

4944-46
4954-59

5075-77
5085-90
5137-40

Cement Retainer @ 5190'

SQUEEZED

5204-06

SN @ 5107'
 EOT @ 5124'
 PHTD @ 5707'
 TD @ 5750'

PERFORATION RECORD

4026' - 4038' KB Squeezed
 4070' , 4072' KB Squeezed
 4344' , 4346' , 4348' KB (3 shots)
 4944' - 4946' KB Squeezed
 4954' - 4959' KB (5 Shots)
 5075' , 5077' KB (2 SHOTS)
 5085' - 5090' KB (7 SHOTS)
 5137' , 5140' KB (2 Shots)
 Cement Retainer @ 5190' KB
 5204' - 5206' KB Squeezed



Inland Resources Inc.

Federal #2-1

784' FNL 812' FEL

NENE Section 1-T9S-R16E

Duchesne Co, Utah

API #43-013-30603; Lease #UTU-33992

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 and 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 #2-1-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Jonah Unit.

2.4 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.

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

The injection zone is in the Green River Formation. In the Federal #2-1-9-16 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3764' - 5306'). The confining strata directly above and below the injection zones are the Garden Gulch and Black Shale Members of the Green River Formation, with the Garden Gulch Marker top at 3764' and the Black Shale at 5494'.

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

The referenced log for the Federal #2-1-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. 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.

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

See Attachment B.

2.9 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.

2.10 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 #UTU-33992) in the Monument Butte (Green River) Field, Jonah 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 Attachments 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 238' KB, and 5-1/2" 15.5# J-55 casing run from surface to 5774' 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 primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. 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.

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 1800 psig.

- 2.8 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 minimum fracture gradient for the Federal #2-1-9-16, for existing perforations (4026' - 5206') (cannot be calculated at this time). The maximum injection pressures will be limited so as not to exceed a gradient of .82. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1800 psig. We may add additional perforations between 3764' and 5206'. See Attachment G through G-1.

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

In the Federal #2-1-9-16, the proposed injection zone (3764' - 5206') is in the Garden Gulch to Basal Limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are 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.

- 2.10 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-10.

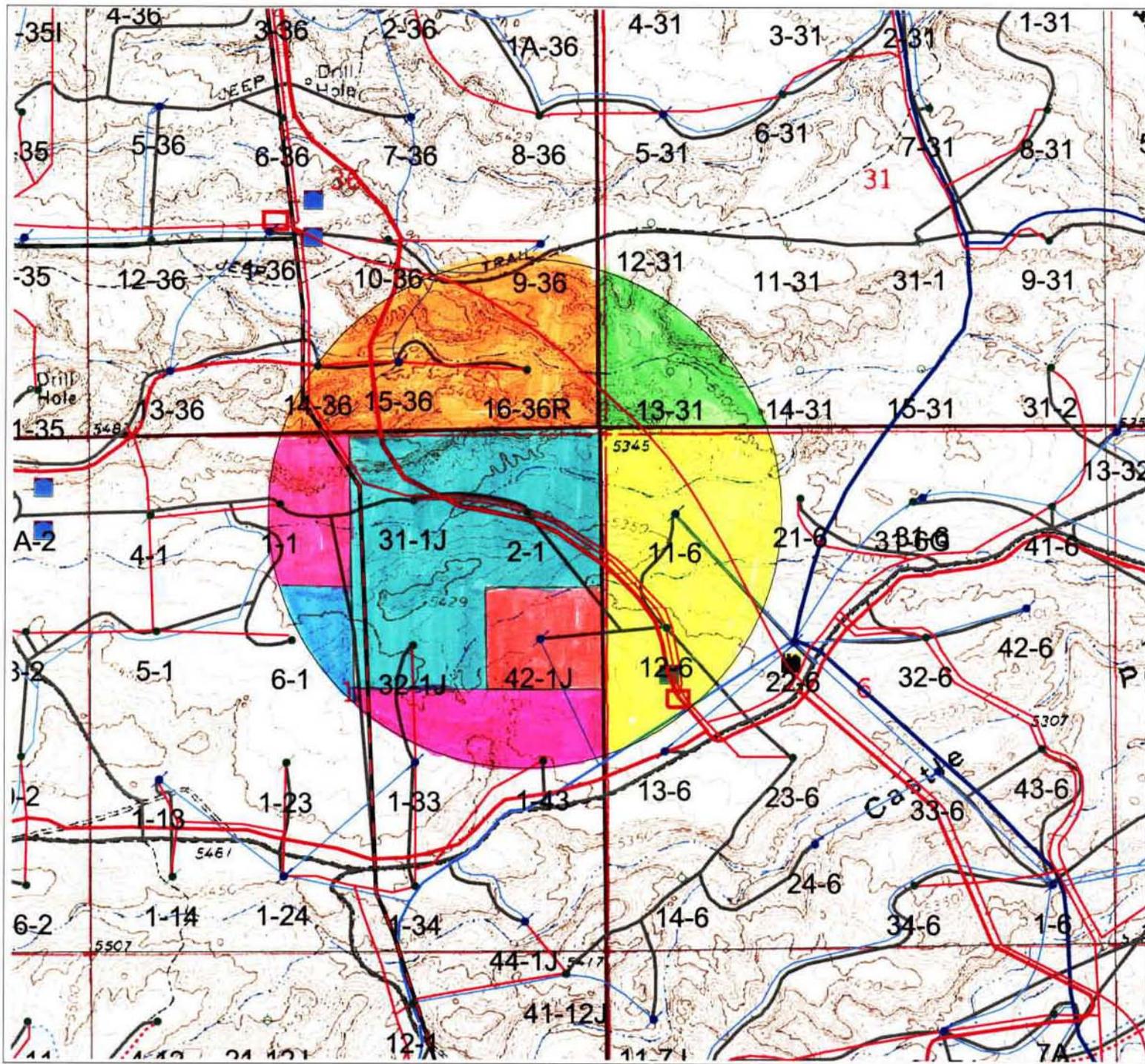
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

- 2.11 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.

- 2.12 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.



- 1/2 Mile Radius
- ⊙ Water Taps
- Well Categories
 - INJ ■ WTA-33992
 - WTR ■
 - SHD ■ ML-22061
 - OIL ■ WTA-74869
 - GAS ■ U-020252A
 - DRY ■
 - SHUTIN ■ WTA-52013
 - SUSPENDED ■ WTA-72103
 - ABAND ■ WTA-72104
 - LOC ■ WTA-40652
- Compressor Stations
 - Gas 10 Inch
 - Gas 6 Inch and Larger
 - Proposed 6 Inch Gas
 - Gas 4 Inch and Smaller
 - Proposed Gas
 - Gas Buried
 - Petroglyph Gasline
 - Questar Gasline
 - Compressors - Other
- Gas Meters
 - Water 6 Inch
 - Water 4 Inch
 - Water 4 Inch - High Pressure
 - Water 4 Inch Poly
 - Water 2 to 3 Inch
 - Proposed Water
 - Johnson Water Line
- Injection Stations
 - Pump Stations
- Roads (Digitized)
 - Paved
 - Dirt
 - Proposed
 - Two Track
 - Private



Attachment A
 Fed. 2-1-9-16
 Sec. 1-T9S-R16E

410 E 7th Street, Suite 700
 Denver, Colorado 80202
 Phone: (303) 495 0102

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

10.11.15 (10/15)

Attachment B
Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 16 East</u> Section 6: All	U-020252A HBP	Inland Production Company	(Surface Rights) USA
2	<u>Township 9 South, Range 16 East</u> Section 1: Lot 3	U-72104 HBP	Inland Production Company Key Production Company Jack N. Warren King Oil & Gas of Texas, LTD.	(Surface Rights) USA
3	<u>Township 9 South, Range 16 East</u> Section 1: Lot 4, S/2NW/4	U-72103 HBP	Inland Production Company Davis Resources Davis Bros.	(Surface Rights) USA
4	<u>Township 9 South, Range 16 East</u> Section 29: Lot 1 Section 30: Lots 1-4, E/2NE/4, E/2SW/4, SW/4SE/4 Section 31: Lots 1-5, W/2E/2, SE/4NE/4, E/2W/2, NE/4SE/4	UTU-74869 HBP	Inland Production Company	(Surface Rights) USA

Attachment B
Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
5	<u>Township 9 South, Range 16 East</u> Section 1: Lots 1,2, SW/4NE/4	U-33992 HBP	Inland Production Company Davis Resources Davis Bros. R. Lee Tucker King Oil & Gas of Texas, Inc	(Surface Rights) USA
6	<u>Township 8 South, Range 16 East</u> Section 34: NE/4, N/2SE/4, SE/4SE/4 Section 35: All	U-16535 HBP	Inland Production Company Marian Brennan Raymond H. Brennan Davis Brothers Davis Resources Beverly Sommer International Drilling Services Thomas I. Jackson King Oil & Gas of Texas, LTD. Texas General Offshore Jack Warren	(Surface Rights) USA
7	<u>Township 9 South, Range 16 East</u> Section 1: N/2SE/4, SW/4SE/4	U-52013 HBP	Inland Production Company	(Surface Rights) USA

Attachment B
Page 3

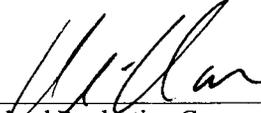
#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
8	<u>Township 8 South, Range 16 East</u> Section 36: All	ML-22061 HBP	Inland Production Company Davis Bros. Davis Resources	(Surface Rights) STATE
9	<u>Township 9 South, Range 16 East</u> Section 1: SE/4NE/4	U-40652 HBP	Inland Production Company Key Production Company	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #2-1-9-16

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

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

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

Notary Public in and for the State of Colorado: 

My Commission Expires: 8/29/2003

Federal #2-1-9-16

Spud Date: 3/25/82
 Put on Production: 4/29/82
 GL: 5341' KB: 5358'

Initial Production: 6 BOPD, 0
 MCFPD, 62 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 221'
 DEPTH LANDED: 238' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class G

PRODUCTION CASING

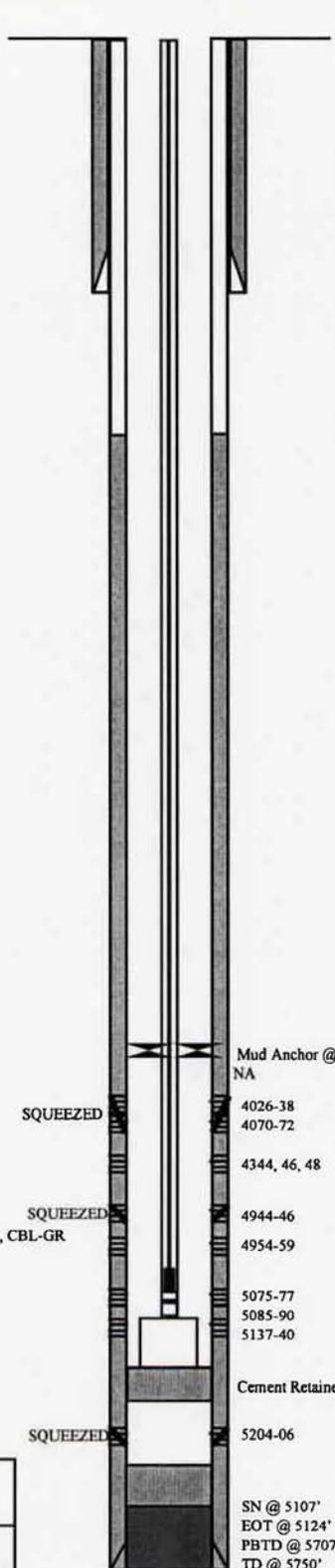
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5775'
 DEPTH LANDED: 5774' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 670 sk 50/50 Poz
 CEMENT TOP AT: 2744'

TUBING

SIZE/GRADE/WT: 2-7/8"/6.5#/J-55
 NO. OF JOINTS: 161 jts.
 TUBING ANCHOR: None
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5124'
 SN LANDED AT: 5107'

SUCKER RODS

POLISHED ROD: 1-1/4" x 16' polished rod.
 SUCKER RODS: 94-3/4", 102-3/4" plain rods
 PUMP SIZE: 2-1/2 x 1-1/2 x 16 RHAC pump
 STROKE LENGTH: 54"
 PUMP SPEED, SPM: 8 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR



Acid Job

4026' - 4348' Western acidized w 3000 gals
 7.5% HCl acid, on 4/17/82.
 4954' - 5140' Western acidized w 3000 gals
 7.5% HCl acid, on 4/10/82.

FRAC JOB

On 4/17/82, 4026' - 4348' Western Frac w 31,500
 47,000# 20-40 mesh & 20,000# 10-20 mesh sand,
 avg. 31 BPM @ 2200 psig, swab 24 BPH w 10% oil,
 Chlorides @ 10,300 ppm RW = .37 @ 71 Deg. F.

On 4/10/82, 4954' - 5140' Western Frac w 31,500
 47,000# 20-40 mesh & 25,000# 10-20 mesh sand,
 avg. 30 BPM @ 1950 psig, swab 4 BPH

No pressures were reported.

Mud Anchor @
 NA

SQUEEZED

4026-38

4070-72

4344, 46, 48

SQUEEZED

4944-46

4954-59

5075-77

5085-90

5137-40

Cement Retainer @ 5190'

SQUEEZED

5204-06

SN @ 5107'
 EOT @ 5124'
 PBTD @ 5707'
 TD @ 5750'

PERFORATION RECORD

4026' - 4038' KB Squeezed
 4070', 4072' KB Squeezed
 4344', 4346', 4348' KB (3 shots)
 4944' - 4946' KB Squeezed
 4954' - 4959' KB (5 Shots)
 5075', 5077' KB (2 SHOTS)
 5085' - 5090' KB (7 SHOTS)
 5137, 5140' KB (2 Shot s)
 Cement Retainer @ 5190' KB
 5204' - 5206' KB Squeezed

 **Inland Resources Inc.**
Federal #2-1
 784' FNL 812' FEL
 NENE Section I-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30603; Lease #UTU-33992

Put on production: 9/10/98

GL: 5387'

Federal #1-1

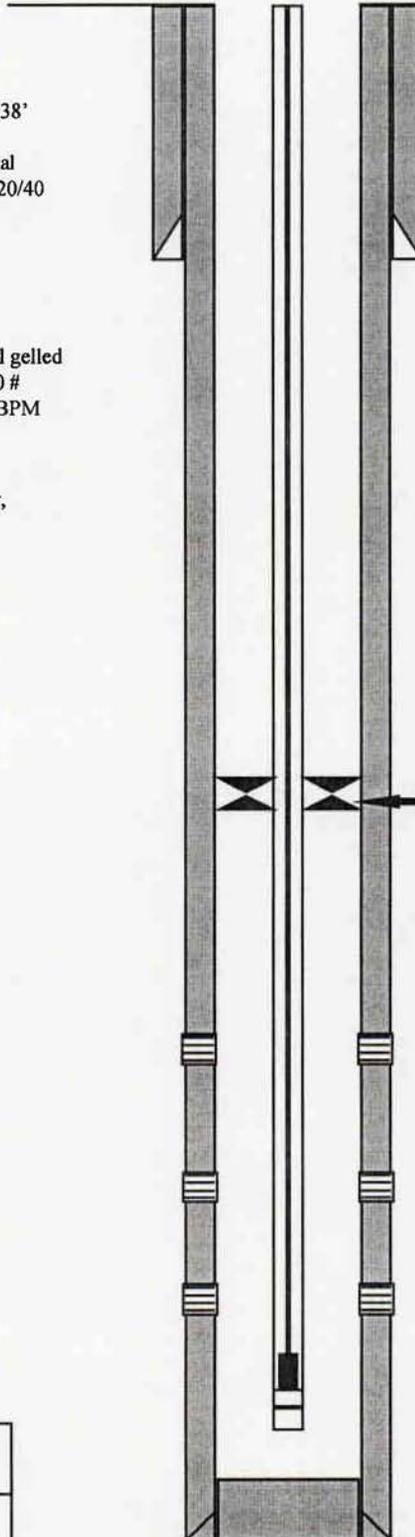
Wellbore Diagram

Initial Production: 69 BOPD,
0 MCFD, 0 BWPD

Well History:

4-30-81	Spud Well
7-81	Perf 5,316'-5,319', 5,335'-5,338' Frac A-3 zone as follows: 1000 gal 15% HCL, 12,780 gal gelled 2% KCL wtr, 14,000# 20/40 sd, 840# 10/20 sd, ATP 2300, AIR 20BPM
7-81	Perf 5,094'-5,112' Frac B-2 zone as follows: 3000 gal 15% HCL, 18,000gal gelled diesel, 25,000# 20/40 sd, 9000 # 10/20 sd, ATP 3150, AIR 20 BPM
10-82	Perf 4,956'-4,973' Frac C-SD zone as follows: 35,500gal gelled 3% KCL wtr, 85,000# 20/40 sd, ATP 2400, AIR 30 BPM

Surface Hole Size: 12 1/4"
Hole Size: 7 7/8"
Rods: 205-3/4"
8-5/8" Surface casing @ 239'
5-1/2" 15.5# J-55 csg @ 5,504'
2-7/8" 6.5# J-55 tubing @ 5,357'



Tubing Anchor @ 4,937'

Perforation Record:

9/30/82	4956'-4964'	1 SPF	9 shots
9/30/82	4971'-4973'	2 SPF	4 shots
7/17/81	5094'-5102'	1 SPF	8 shots
7/17/81	5108'-5112'	1 SPF	4 shots
7/12/81	5316'-5319'	2 SPF	3 shots
7/12/81	5335'-5338'	2 SPF	3 shots

4956'-4973'

5094'-5112'

5316'-5338'

SN @ 5,324' 1-1/4" pump

PBTD @5461'

EOT @ 5357'

TD @ 5,504'

TOC @ 3247'



Inland Resources Inc.

Federal #1-1

684 FNL 1930 FWL

NENW Section 1-T9S-R16E

Duchesne Co, Utah

API #43-013-30571; Lease #UTU-72104

Balcron Monument Federal #31-1J

Spud Date: 9/15/95
 Put on Production: 10/13/95
 GL: 5368' KB: 5377'

Initial Production: 34 BOPD,
 NM MCFPD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 252.75'
 DEPTH LANDED: 262.75' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Premium cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

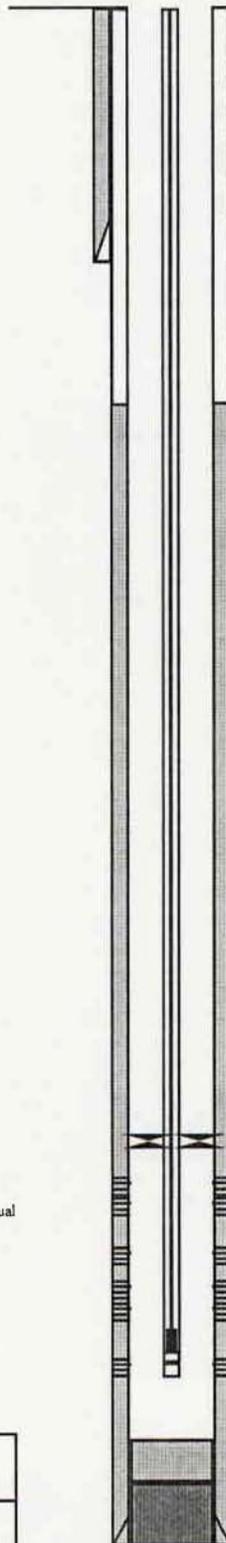
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5895.78'
 DEPTH LANDED: 5907.78' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sk Super G & 288 sxs 50/50 POZ.
 CEMENT TOP AT: 804'

TUBING

SIZE/GRADE/AWT: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 175 jts.
 TUBING ANCHOR: 4740'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5364'
 SN LANDED AT: 5330'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' polished rod.
 SUCKER RODS: 4-3/4"x8' Pony, 212-3/4"x25 plain rods.
 PUMP SIZE: 2-1/2 x 1-1/2 x 16 RWAC pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4.25 SPM
 LOGS: CBL/GR/Collars: Litho Density Compensated Neutron/GR, Dual Laterolog w/Linear Correlation GR



ACID JOB /BREAKDOWN

9/27/95	5258'-5284'	BJ Services: 2562 gal 2% KCL wtr / 104 ball sealers. Balled off. ATP= 2600 psi, ATR= 4.5 bpm, ISIP= 1300 psi.
9/29/95	5068'-5076' 5078'-5081'	BJ Services: 1932 gal 2% KCL wtr w/ 88 ball sealers. ATP= 5.0 bpm, ATR= 5.0 bpm, ISIP= 950 psi.
10/2/95	4783'-4785'	BJ Services: Spot 250 gal 15% HCL. ATP= 4800 psi, ATR= 0.6 bpm, ISIP= 4000 psi.
10/2/95	4783'-4785'	BJ Services: ?? gal 2% KCL wtr w/ 22 ball sealers. Ball action but no ball off. ATP= 1600 psi, ATR= 4.6 bpm, ISIP= 1000 psi.
10/3/95	4917'-4940'	BJ Services: ?? gal 2% KCL wtr w/ 22 ball sealers. Ball action but no ball off. ATP= 1600 psi, ATR= 4.6 bpm, ISIP= 1000 psi.

FRAC JOB

9/28/95	5258'-5284'	BJ Services: 22,260 gal 2% KCL water w/ 14000# 20/40 sand & 60,000# 16/30 sand. ATP= 2150 psi, ATR= 32.0 bpm, ISIP= 2100 psi, 5 min= 1940 psi, 10 min= 1590 psi, 15 min= 1850 psi, 30 min= 1800 psi.
9/29/95	5068'-5076'	BJ Services: 14,868 gal 2% KCL wtr w/ 16,000# 20/40 sand, 24,000# 16/30 sand. ATP= 2150 psi, ATR= 31.4 bpm, ISIP= 1950 psi, 5 min= 1700 psi, 10 min= 1590 psi, 15 min= 1540 psi, 30 min= 1360 psi.
10/3/95	4783'-4785' 4917'-4940'	BJ Services: 21,042 gal 2% KCL wtr w/ 72,000# 16/30 sand. ATP= 2400 psi, ATR= 31.7 bpm, ISIP= 2300 psi, 5 min= 168p psi, 10 min= 1620 psi, 15 min= 1570

PERFORATION RECORD

9/27/95	Schlumberger	5258'-5284'	2 SPF
9/28/95	Schlumberger	5068'-5076' 5078'-5081'	? ?
10/2/95	Schlumberger	4783'-4785' 4917'-4940'	3 holes 11 holes

Anchor @ 4740'
 4783-85
 4917-40
 5068-76
 5078-81
 5258-84

SN @ 5330'
 EOT @ 5364'
 PBTD @ 5874'
 TD @ 5923'



Inland Resources Inc.

Balcron Monument Federal #31-1J

660' FNL 1980' FEL

NWNE Section 1-T9S-R16E

Duchesne Co, Utah

API #43-013-31413; Lease #U-33992

Spud Date: 8/24/94
 Put on Production: 9/23/94
 GL: 5397' KB: 5407'

Balcron Monument Federal #32-1J

Initial Production: 52 STBOPD,
 NM MCFD, 0 STBOPD

Wellbore Diagram

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 353.65'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 362' KB
 CEMENT DATA: By Western w/220 sxs Class "G" w/ 2% CCL & 1/4#/sx CelloFlake

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5780.24'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5789'24" KB
 CEMENT DATA: By Western w/261 sxs Super "G" w/ 2#/sx HiSeal, & 1/4#/sx Celloflake. Tail w/290 sxs 50-50 POZ w/2% gel & 1/4#/sx Celloflake & 2#/sx Hi-Seal2.

CEMENT TOP AT: 1882' KB

Tubing Record

SIZE, WEIGHT, GRADE: 2-7/8", 6.5#, J-55
 NO. OF JOINTS: 151 @ 4743.38'
 TUBING ANCHOR: 2-7/8" X 5-1/2" X 2.35"
 NO. OF JOINTS: 18 @ 562.17'
 SEATING NIPPLE: 2-7/8" X 1.1' (1.75" ID)
 PERF. SUB: 2-7/8" x 4'
 NO. OF JOINTS: 1 @ 30.66'
 TOTAL STRING LENGTH: 5343.86' (10' KB)
 SN LANDED AT: 5319.00' KB

Sucker Rods

1 - 1-1/4" x 22' Polish Rod
 1 - 8", 1 - 6", 1 - 2' x 3/4" ponies
 211 - 3/4" x 25' D-61 Slick Rods
 1 - 8' x 1/2" pony rod.

PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC with SM plunger
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 3.5
 PUMPING UNIT SIZE: 160-200-74
 S/N: 507-S4202
 ENGINE SIZE: 7-1/4 X 8 EA-30
 S/N: 74511
 TANK SIZE: Two @ 12' x 20' 400-bbl Vertical
 #1 S/N: 233-T2
 #2 S/N: 1166-T2

FRAC JOB

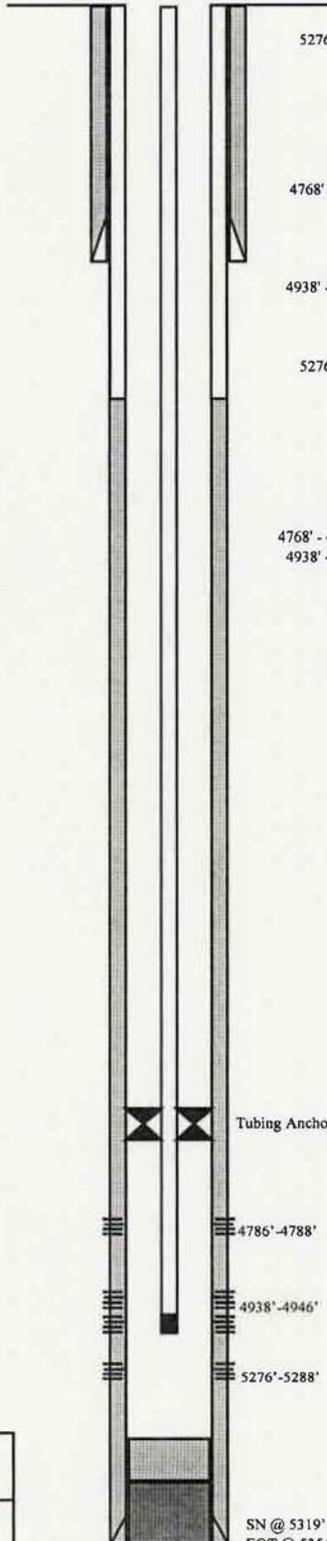
5276' - 5288' KB (4 SPF): 9-10-94 by Western w/2394 gals 2% KCL wtr. ATP 2600 psi, max 5000 psi. ATR 6.2 bpm, max 6.3 bpm. ISIP 1300 psi.

4768' - 4788' KB (3 shots): 9-14-94 by Western w/1,974 gals 2% KCL wtr. ATP 3300 psi, max 5000 psi. ATR 4 bpm, max 4 bpm. ISIP 1600 psi. Pump 2 balls/bbl.

4938' - 4946' KB (10 shots): 9-14-94 by Western w/1,806 gals 2% KCL wtr. ATP 3100 psi, max 4900 psi. ATR 4.2 bpm, max 7.2 bpm. ISIP 680 psi. Pump 2 balls/bbl.

5276' - 5288' KB (4 SPF): 9-10-94 by Western w/17,640# 20/40 mesh sand & 20,540 # 16/30 mesh sand w/14-784 gals 2% KCL gelled wtr. ATP 2550 psi, max 2870 psi. ATR 30.7 bpm, max 31.2 bpm. ATP 2550 psi, max 2870 psi, ATR/ISIP 2250 psi, 5 min 2040 psi, 10 min 1870 psi, 15 min 1830 psi.

4768' - 4788' KB (3 shots) & 4938' - 4946' KB (10 shots): 9-14-94 by Western w/26,800# 16/30 mesh sand w/2,096 gals 2% KCL gelled wtr. ATP 3000 psi, max 3300 psi. ATR 29.5 bpm, max 30.4 bpm. ISIP 2200 psi, 5 min 1340 psi, 10 min 1220 psi, 14 min 1140 psi, 30 min 790 psi. 30 min forced closure.



PERFORATION RECORD

5276' - 5288' KB (4 SPF)
 4938' - 4946' KB (10 shots)
 4786' - 4788' KB (3 shots)

SN @ 5319' KB
 EOT @ 5354' KB
 PBTB @ 5734' KB
 TD @ 5789' KB



Inland Resources Inc.

Balcron Monument Federal #32-1J

2143 FNL 1987 FEL

SWNE Section 1-T9S-R16E

Duchesne Co, Utah

API #43-013-31414; Lease #U-33992

Balcron Monument Federal #42-1J

Spud Date: 10/19/93
 Put on Injection: 8/18/94
 GL: 5380' KB: 5390'

Initial Production: 80 STBOPD,
 400 MCFD, 20 STBOPD

Injection Diagram

SURFACE CASING

STRING: #1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 lbs
 LENGTH: 346'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 356' KB
 CEMENT DATA: 180 sxs Class "G" w/additives.

FRAC JOB

5081'- 5086': 15,000 lbs 20/40 sand
 5292'- 5296': & 12,000 lbs 16/30 sand
 in 403 bbls 2% KCL water.
 4779'- 4782': 18,100 lbs 16/30 sand
 4935'- 4938': in 261 bbls 2% KCL water.

PRODUCTION CASING

STRING: #1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5799'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5809' KB
 CEMENT DATA: 112 sxs Thrifty-lite &
 tail w/258 sxs 50-50 POZ.
 CEMENT TOP AT: 2310' KB from Calculations.

Tubing Record

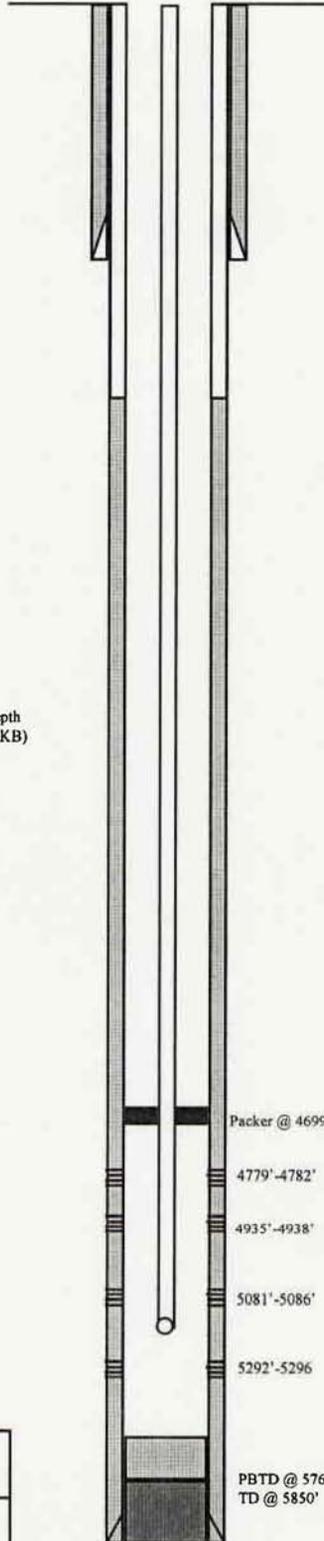
Injection Equipment & Size	Length FT.	Setting Depth FT. (w/10' KB)
KB	10.00	-
1) 147 jnts 2 7/8" tbg	4681.17	4691.17
2) 2 7/8" SN (2.25" ID)	1.10	4692.27
3) 5 5" Arrow Set-1 Pkr	7.00	4699.27
End of Tubing		4699.27

Injection Packers Set 8-5-94 By Mtn States.

2 7/8" SN ID @ 2.25"
 Arrow Set-1 Pkr set w/ 15" Tension.
 Packer fluid - 55 gals Champion Cortron #23-83 w/60 STBW.

Injection Horizons

4779' - 4782' (3') RED1
 4935' - 4938' (3') RED5
 5081' - 5086' (5') GREEN1
 5292' - 5296' (4') GREEN5



PERFORATION RECORD

4779' - 4782' (3') 2 SPF RED1
 4935' - 4938' (3') 2 SPF RED5
 5081' - 5086' (5') 2 SPF GREEN1
 5292' - 5296' (4') 2 SPF GREEN5



Inland Resources Inc.
Balcron Monument Federal #42-1J
 2078 FNL 629 FEL
 SENE Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31404; Lease #U-40652

Monument Butte Federal #1-43

Spud Date: 3/24/83
 Put on Production: 6/10/98
 GL: 5404' KB: 5424'

Initial Production: 100 STBOPD,
 50 MCFD, 0 STBWPD

Wellbore Diagram

SURFACE CASING

STRING: 1
 CSG SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24 lbs
 LENGTH: 8 jts @ 328"
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 348' KB
 CEMENT DATA: 225 sx, Class-G
 Cement to surface

PRODUCTION CASING

STRING:	1	2
CSG SIZE:	5 1/2"	5 1/2"
GRADE:	K-55	K-55
WEIGHT:	14#	15.5#
LENGTH:	51 jts	101 jts
HOLE SIZE:	7 7/8"	
DEPTH LANDED:	6127' KB	
CEMENT DATA:	400 sx, BJ Lite	
	830 sx, Class-G	
CEMENT TOP AT:	1500' KB from CBL	

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5#
 NO. OF JOINTS: 152 jts @ 4621.60'
 TUBING ANCHOR: 2 7/8" x 2.75' Trico
 NO. OF JOINTS: 38 jts @ 1164.65'
 SEATING NIPPLE: 2 7/8" x 1.1' (ID @ 2.25")
 PERF. SUB: 2 7/8" x 4.2'
 MUD ANCHOR: 2 7/8" x 30.4' Open Ended
 TOTAL STRING LENGTH: 5825.10'
 SN LANDED AT: 5810.10' KB
 Note: Land TA 14,000# Tension

SUCKER RODS

1-1/4"x22' SM
 1-3/4"x4' Pony
 226-3/4"x25' D-61 Plain
 5-3/4"x25' w/ 2.5 guides
 1-7/8"x2' w/2.5 guide

PUMP SIZE: 2.5" x 1 1/2" x 22.5' RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 3.3
 PUMPING UNIT SIZE: CMI 160-173-74
 PRIME MOVER: Ajax E-30

LOGS Cement Bond, Dual Induction-SFL, Compensated
 Neutron-Litho Density, Temperature Survey,
 Electromagnetic Propagation, Volan.

FRAC JOB

4776'- 4784' Frac w/Western on 2-17-94.
 10,038 gal 35# J-4L w/28,520 lbs 16-30 mesh sand, Avg 24 BPM @ 2200 psig, max @ 2750 psig, ISIP @ 2050 psig, 5 min @ 1680 psig, 10 min @ 1540 psig, 15 min @ 1410 psig.

5044'- 5088' Frac w/Haliburton on 5-26-83.
 39,400 gal Gel w/104,000 lbs 20-40 mesh sand, Avg 15 BPM @ 2150 psig, max @ 2270 psig, ISIP @ 2900 psig, 15 min @ 1740 psig.

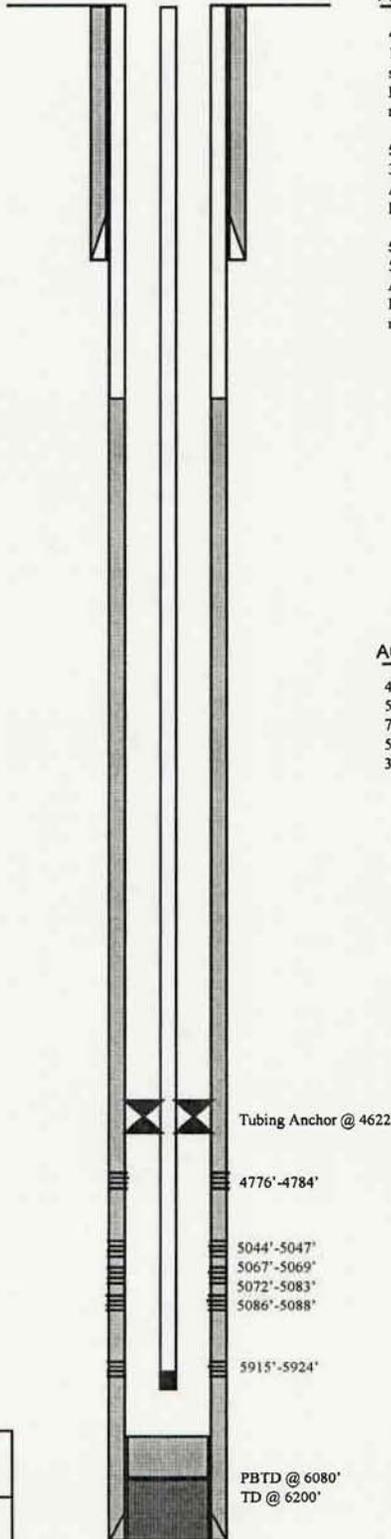
5915'- 5924' Frac w/Haliburton on 5-28-83.
 57,300 gal Gel w/155,000 lbs 20-40 mesh sand, Avg 35 BPM @ 1980 psig, max @ 2240 psig, ISIP @ 2010 psig, 5 min @ 1900 psig, 10 min @ 1810 psig, 15 min @ 1760 psig.

ACID JOB

4776'- 4784' 500 gal 15% HCl acid.
 5044'- 5088' 2000 gal 2% KCl wtr & 70 ball sealers.
 5915'- 5924' 1680 gal 2% KCl wtr & 30 ball sealers.

PERFORATION RECORD

4776'- 4784' (8')	4 SPF (2-17-94)	Red I
5044'- 5047' (3')	2 SPF	Green I
5067'- 5069' (2')	2 SPF	Green I
5072'- 5083' (11')	2 SPF	Green I
5086'- 5088' (2')	2 SPF	Green I
5915'- 5924' (9')	3 SPF	Blue





Inland Resources Inc.

Monument Butte Federal #1-43

1980 FSL 660 FEL

NESE Section 1-T9S-R16E

Duchesne Co, Utah

API #43-013-30734; Lease #U-52013

Balcron Monument Federal #11-6-9-17

Spud Date: 10/29/92
 Put on Injection: 1/22/93
 GL: 5320' KB: 5333'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: ? jts (?)
 DEPTH LANDED: 272'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 190 sxs Premium cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: ? jts (5690')
 DEPTH LANDED: 5703'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 206 sk Hyfill mixed & 495 sxs thixotropic
 CEMENT TOP AT: 800' per CBL

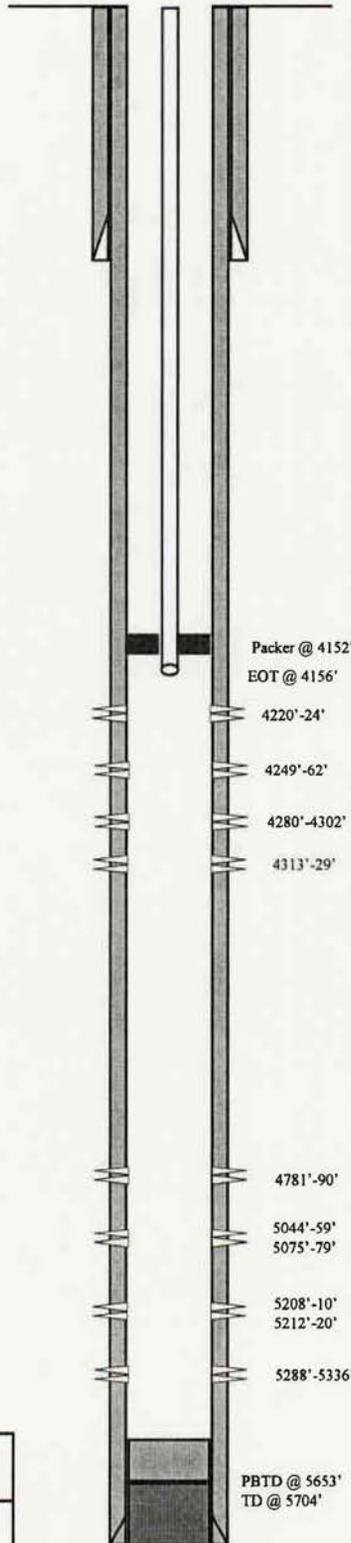
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Equipment and Size length

1) 129 jnts, 2.875" tbg	3983.69'
2) 2 3/8" SN	1.1'
3) 23 jnts 2.875" tbg	727.49'
4) 5.5" Arrow Set-1 PKR	6.2'
Total String Length	4156'

MIT performed on 6/6/01. Witnessed by Al Carver (EPA) and Dennis Ingram (DOGM).

Injector Wellbore Diagram



FRAC JOB

4761'-4790', 7812 gals Viking 1 w 27,000 lbs 16/30 sd
 6045'-5079', 8736 Viking 1 w/ 15,000 lbs 16/30 sd
 5208'-5336', 14,574 gals Viking 1 w/ 38,500 lbs 20/40 sd & 5,000 lbs 16/30 sd.
 5208'-5220', 10,666 gals Viking I-35 w/ 15,000 lbs 16/30 sd. Screened out.

PERFORATION RECORD

4781', 4783', 4786', 4787', 4790' w/ one shot each.
 5045', 5047', 5049', 5051', 5053', 5055', 5057', 5077', 5079' w/ one shot each.
 (Added GREEN 1 Perfs 9/10/93)
 5208', 5215' w/ one shot each.
 5208'-5210', 5212'-5220' w/ 2 SPF (Added Perfs, Green3)
 5288', 5293', 5298', 5303', 5313', 5318', 5312', 5327', 5332', 5336' w/ one shot each.
 6/5/01
 4220'-4224' 4 SPF
 4249'-4262' 4 SPF
 4280'-4302' 4 SPF
 4313'-4329' 4 SPF

Inland Resources Inc.
 Balcron Monument Federal #11-6-9-17
 804 FNL 696 FWL
 NWNW Section 6-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31362; Lease #U-020252A

Allen Federal #12-6

Spud Date: 12/31/81
 Put on Projection: 2/20/82
 GL: 5352' KB: 5366'

Initial Production: 190 STBOPD,
 75 MCFD, 39 STBOPD

Wellbore Diagram

SURFACE CASING

STRING: 1
 CSG SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24 lbs.
 LENGTH: 7 jts. @ 260'
 DEPTH LANDED: 270' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 210 sx, Class-H.
 Cement to surface.

PRODUCTION CASING

STRING: 1
 SIZE: 5 1/2"
 GRADE: K-55, LT&C
 WEIGHT: 15.5 lbs.
 LENGTH: 6280'
 DEPTH LANDED: 6290' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 420 sx, Class-G.
 655 sx, RFC.
 CEMENT TOP AT: 680' KB from CBL.

TUBING RECORD

SIZE/GRAD: 2 3/8", J-55, 4.7 lbs.
 NO. OF JOINTS: 183 jts. @ 5689.27'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 3/8" x 1.1' (ID @ 2.25")
 PERF. SUB: 2 3/8" x 5.94'
 MUD ANCHOR: 2 3/8" x 31.75' w/NC
 TOTAL STRING LENGTH: 5728'
 SN LANDED AT: 5704' KB

SUCKER RODS

1 - 1 1/2" x 22' Polish Rod
 1 - 3/4" x 4' Pony
 1 - 3/4" x 6' Pony
 213 - 3/4" x 25' Plain Rods

PUMP SIZE: 2" x 1 1/2" x 16' RWAC
 w/Trico 40 Ring PA plunger,
 Chrome ID Barrel, Carbide Seats,
 Rex Alloy Balls.
 (Lufkin 160 serviced 10-14-92)
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5
 PUMPING UNIT SIZE:

LOGS: Cement Bond, Dual Induction-SFL,
 Compensated Neutron-Formation Density,
 Cyberlook.

FRAC JOB

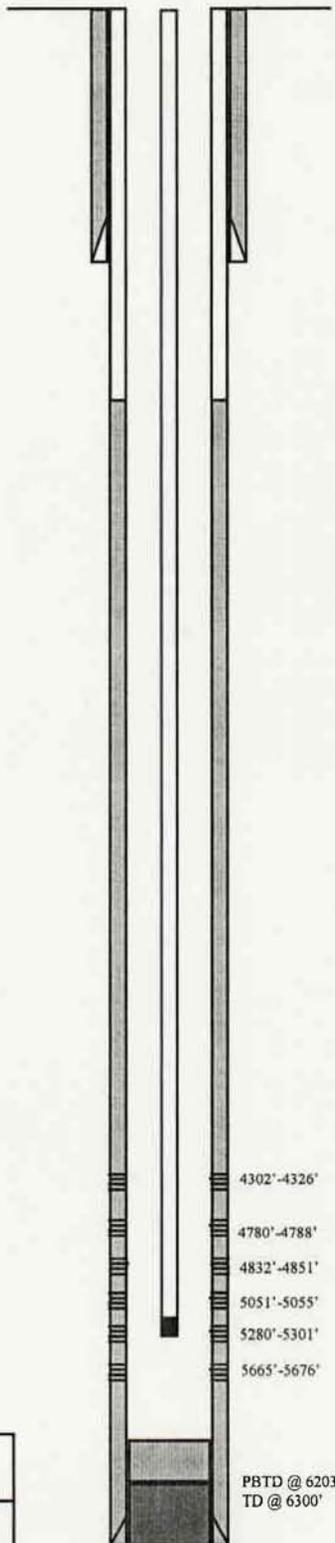
4302'- 4326' Frac w/Halliburton on 2-10-82.
 36,000 gal Ver 1400 fluid w/40,000 lbs 20-40 mesh sand & 10,000 lbs 10-20 mesh sand, Avg 20 BPM @ 1800 psig, max. @ 2200 psig, ISIP @ 1800 psig, 15 min @ 1540 psig, 20 min @ 1520 psig.
4780'- 4788' Frac w/Western on 9-9-93.
 11,718 gal Viking I-35# w/23,800 lbs 16-30 mesh sand, Avg 12 BPM @ 4200 psig, max @ 5000 psig, ISIP @ 2180 psig, 5 min @ 1720 psig, 10 min @ 1620 psig, 15 min @ 1560 psig.
4832'- 4851' Frac w/Halliburton on 2-9-82.
 31,000 gal Ver 1400 fluid w/40,000 lbs 20-40 mesh sand & □
 max. @ 2150 psig, ISIP @ 1950 psig, 15 min @ 1780 psig, 20 min @ 1770 psig.
5051'- 5055' Frac w/Western on 9-9-93.
 8,190 gal Viking I 35# w/8,000 lbs 16-30 mesh sand, Avg 10.5 BPM @ 4700 psig, max @ 4900 psig, ISIP @ 1930 psig, 5 min @ 1900 psig, 10 min @ 1870 psig, 15 min @ 1860 psig.
5280'- 5301' Frac w/Halliburton on 2-8-82.
 31,000 gal Ver 1400 fluid w/40,000 lbs 20-40 mesh sand & 10,000 lbs 10-20 mesh sand, Avg 20 BPM @ 1800 psig, max. @ 2700 psig, ISIP @ 2070 psig, 15 min @ 1920 psig, 20 min @ 1900 psig.
5665'- 5676' Frac w/Halliburton on 2-7-82.
 36,000 gal Ver 1400 fluid w/40,000 lbs 20-40 mesh sand & 10,000 lbs 10-20 mesh sand, Avg 15 BPM @ 1700 psig, max. @ 2400 psig, ISIP @ 1930 psig, 15 min @ 1750 psig, 20 min @ 1720 psig.

ACID JOB

4302'- 4326' 2500 gal 15% HCl Acid
 4832'- 4851' 2000 gal 15% HCl Acid
 5280'- 5301' 2000 gal 15% HCl Acid
 5665'- 5676' 1000 gal 15% HCl Acid

PERFORATION RECORD

4302'- 4326' (24') 49 Holes YELLOW
 4780'- 4788' (8') 32 Holes RED1 (Added 9-8-93)
 4832'- 4851' (19') 39 Holes RED2
 5051'- 5055' (4') 8 Holes GREEN1 (Added 9-8-93)
 5280'- 5301' (21') 43 Holes GREEN5
 5665'- 5676' (11') 23 Holes BLUE



PBTD @ 6203'
 TD @ 6300'



Inland Resources Inc.

Allen Federal #12-6

1980 FNL 604 FWL

SWNW Section 6-T9S-R17E

Duchesne Co, Utah

API #43-013-30582; Lease #U-020252-A

Monument Butte State #14-36

Wellbore Diagram

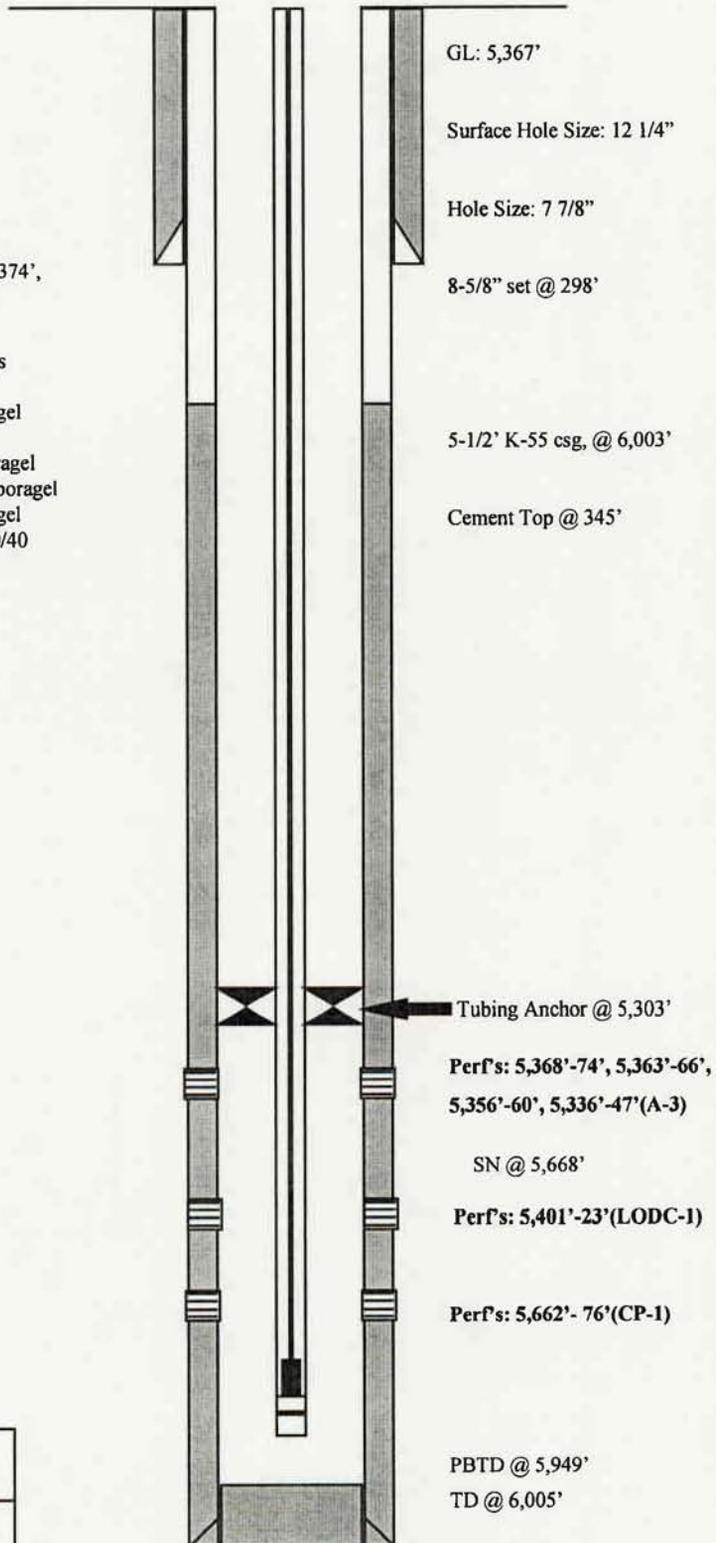
Well History:

- 6-1-95 Spud Well

- 6-22-95 Perf: 5,662'-5,676'
- 6-23-95 Frac CP-1 zone as follows:
15,200# 20/40 sd
25,225 total fluid

- 6-25-95 Perf: 5,401'-5,423', 5,368'-5,374',
5,363'-5,366', 5,356'-5,360',
5,336'-5,347'

- 6-27-95 Frac LODC-1 and A-3 zone as follows:
Prepad 26,000 gal 30# linear gel
pad 4,000 gal boragel
6# 20/40 sd w/ 58,732 gal boragel
8 PPG 20/40 sd w. 6,568 gal boragel
flush w/ 5,791 gal 10# linear gel
Total sd pumped 225,000# 20/40
Total gal 101,091



	Inland Resources Inc. Monument Butte State #14-36 739 FSL 2320 FWL SESW Section 36-T8S-R16E Duchesne Co, Utah API #43-013-31508; Lease #ML-22061
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Monument Butte State #15-36

Spud Date: 8/25/95
 Put on Prod: 11/10/95
 GL: 5353'; KB 5365'

IP: 40 BOPD; 25 MCFD;
 50 BWPD

Proposed Injector Wellbore Diagram

SURFACE CASING:

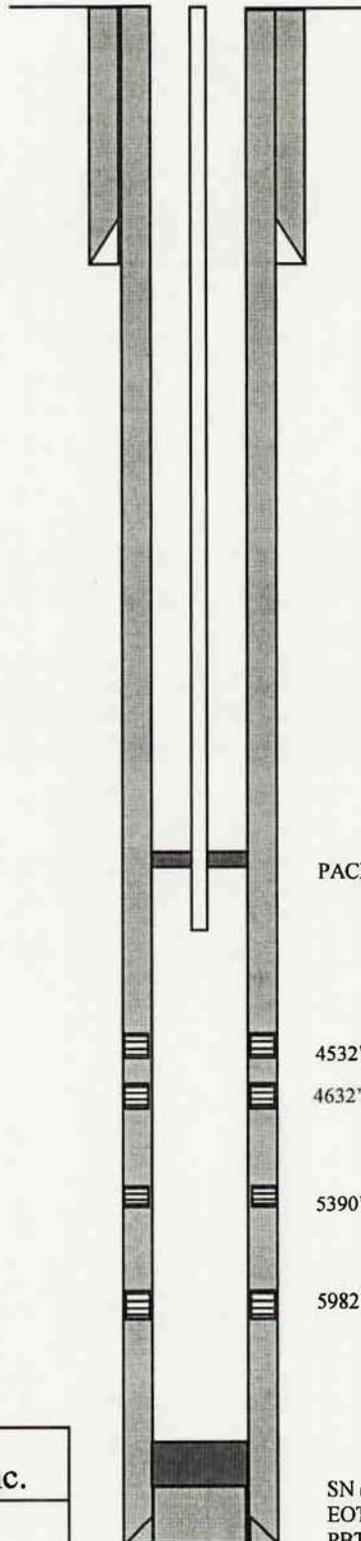
8-5/8", 24#, set at 310'.
 Hole size: 12-1/4"

Cement Data: 120 sx Premium w/2% CaCl and 1/4#/sk flocele.

PRODUCTION CASING:

5-1/2", 15.5#, set at 6143'.
 Hole Size: 7-7/8"

Cement Data: 270 sx Hifill, followed by 345 sx Thixo with 10% Cal-seal



FRAC JOB

10-5-95	5982'-5998'	Frac CP-4 zone: 93,300# of 20/40 sand in 29,172 gals fluid. Perfs broke down at 3722 psi. Treated at avg. pressure of 2100# w/avg rate of 36 BPM. ISIP-1946 psi; 5 min.-1783 psi.
10-7-95	5390'-5434'	Frac LODC-1 zone: Used 175,000# of 20/40 sand in 44,195 gals fluid. Perfs broke down at 2590 psi. Treated at avg. pressure of 1700# w/avg. rate of 36 BPM. ISIP-1800 psi; 5 min.-1727 psi.
10-8-95	4542'-4552' and 4632'-4649'	Frac PB-10 zone: 110,000# of 16/30 sand in 35,857 gals fluid. Treated at avg. pressure of 2300 psi at avg. rate of 38 BPM. ISIP-2710 psi; 5 min.-2544 psi.

PACKER AT: 4438'

4532'-4552'

4632'-4649'

5390'-5434'

5982'-5998'

PERF RECORD:

10-4-95	5982-5998'	4 SPF	64 Shots
10-6-95	5390-5434'	4 SPF	176 Shots
10-8-95	4532-4552'	4 SPF	40 Shots
10-8-95	4632-4649'	4 SPF	68 Shots

SN @ 5931'
 EOT @ 6030'
 PBTB @ 6111'
 TD @ 6150'



Inland Resources Inc.

Monument Butte State #15-36

773 FSL 2127 FEL

SWSE Section 36-T8S-R16E

Duchesne Co, Utah

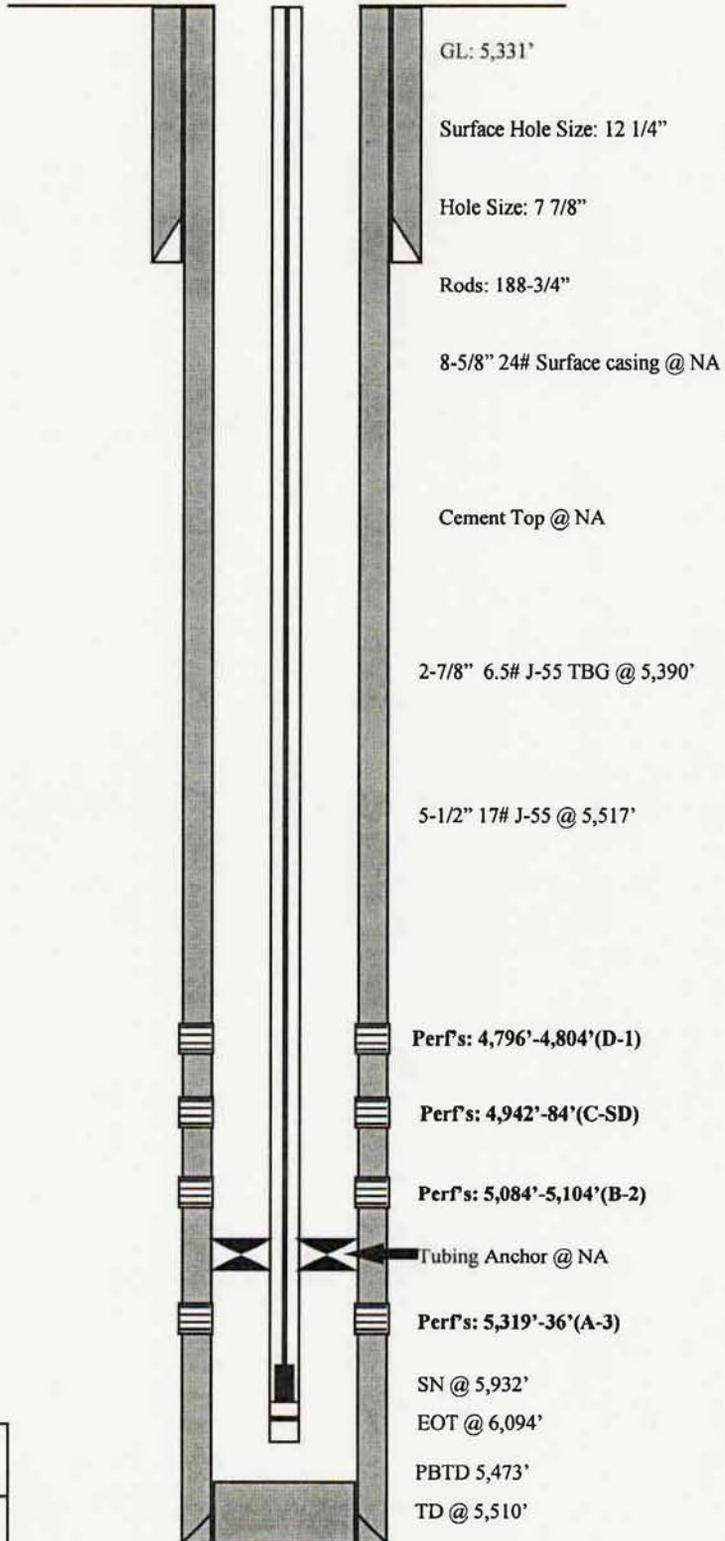
API #43-013-31544; Lease #U-22061

Monument Butte State #16-36R

Wellbore Diagram

Well History:

8-12-95	Spud Well
8-30-95	Perf: 5,319'-5,336'
8-31-95	Frac A-3 zone as follows: Totals 33,000 gals Boragel 113,155# 20/40 sd 24,000# 16/30 sd Max TP 3,820 @ 38.9 BPM Avg TP 2,000 @ 30 BPM ISIP 2,059, after 5 min 1,981
9-1-95	Perf: 5,084'-5,104'
9-2-95	Frac B-2 zone as follows: Totals 18,100 gals Boragel 95,000# 16/30 sd
9-5-95	Perf: 4,942'-4,984'
9-6-95	Frac C zone as follows: Totals 23,363 gals Boragel 129,000# 16/30 sd
9-7-95	Perf: 4,796'-4,804'
9-8-95	Frac D-1 zone as follows: Totals 12,106 gals Boragel 18,400# 16/30 sd



	Inland Resources Inc.
	Monument Butte State #16-36R 810 FEL 690 FSL SESE Section 36-T8S-R16E Duchesne Co, Utah API #43-013-10159; Lease #ML-22061

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Attachment F-1

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

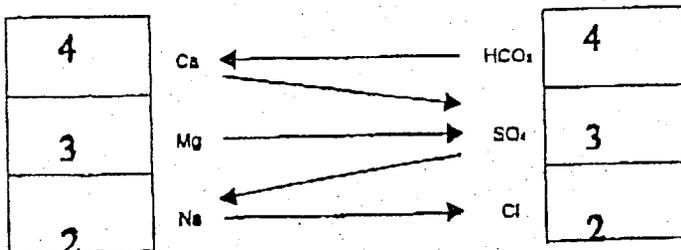
WATER ANALYSIS REPORT

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

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

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



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

Compound	Equly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	11.04	<u>4</u>			<u>324</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19	<u>3</u>			<u>181</u>
MgCl ₂	47.62				
NaHCO ₃	64.00				
Na ₂ SO ₄	71.03				
NaCl	58.48	<u>2</u>			<u>117</u>

REMARKS _____

Analytical Laboratory Report for:
Inland Production



BJ Unichem
Chemical Services

UNICHEM Representative: Rick Crosby

Production Water Analysis

Listed below please find water analysis report from: Jonah, 2-1-9-16

Lab Test No: 2001402671 Sample Date: 11/08/2001
Specific Gravity: 1.006
TDS: 7173
pH: 9.10

Cations:	mg/L	as:
Calcium	16	(Ca ⁺⁺)
Magnesium	40	(Mg ⁺⁺)
Sodium	2599	(Na ⁺)
Iron	2.50	(Fe ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	976	(HCO ₃ ⁻)
Sulfate	0	(SO ₄ ⁻)
Chloride	3540	(Cl)
Gases:		
Carbon Dioxide		(CO ₂)
Hydrogen Sulfide	2	(H ₂ S)

Comments:

DownHole SAT(tm)
MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Johnson Water

2) Jonah 2-1-9-16

Report Date: 11-13-2001

SATURATION LEVEL

Calcite (CaCO3)	26.67
Aragonite (CaCO3)	22.59
Witherite (BaCO3)	0.00
Anhydrite (CaSO4)	0.00240
Gypsum (CaSO4*2H2O)	0.00293
Barite (BaSO4)	0.00
Hydroxyapatite	0.00
Iron hydroxide (Fe(OH)3)	4122
Iron sulfide (FeS)	0.00

MOMENTARY EXCESS (Lbs/1000 Barrels)

Calcite (CaCO3)	15.62
Aragonite (CaCO3)	15.44
Witherite (BaCO3)	-0.994
Anhydrite (CaSO4)	-458.98
Gypsum (CaSO4*2H2O)	-466.16
Barite (BaSO4)	-0.241
Hydroxyapatite	-230.22
Iron hydroxide (Fe(OH)3)	< 0.001
Iron sulfide (FeS)	-0.0184

SIMPLE INDICES

Langelier	1.77
Stiff Davis Index	1.68

BOUND IONS

	TOTAL	FREE
Calcium	30.04	19.18
Barium	0.00	0.00
Carbonate	160.62	64.78
Phosphate	0.00	0.00
Sulfate	55.00	49.78

OPERATING CONDITIONS

Temperature (°F)	100.00
Time (mins)	3.00

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

Attachment "G"

**Federal #2-1-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4026	4348	4187		0.43	-9
4954	5140	5047		0.43	-11
				Minimum	<u>-11</u> ←
					1800 psi

No pressures were reported.

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

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

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

- 4/06/82 Move in Gomache rig & started R/U for completion.
- 4/07/82 Finish R/U. RIH w/bit & scraper to PBD @ 5707' & pressure tested casing to 3000#. Pull up to 5200' w/tubing. Circ casing w/120 Bbls KCl & clay stabilizer. Presently running CBL.
- 4/08/82 R/U Gearhart to run CBL. Pressure casing to 1200# to run CBL. Ran CBL. Bottom section of producing zone - poor cement job. Presently preparing to squeeze.
- 4/09/82 Presently preparing to perf.
REMARKS: R/U Wireline. TIH & perf CBL interval 5204-06 w/4 shots. TOOH. TIH w/Baker cmt retainer. Set @ 5190'. TOOH. P/U stinger & TIH w/tbg. stung into retainer. Tested annulus to 1000 psi. R/U Halliburton. Attempt to establish rate & pressure - 2500 psi less than 1/8 BPM. TOOH w/stinger. R/U Wireline. TIH & perf CBL interval 4944-46 w/4 shots. TOOH. Pump down csg to establish rate & pressure. Shut well in for night.
- 4/10/82 Presently SI after frac.
REMARKS: R/U Wireline. TIH. Perf FDC-CNL intervals 4954-59, 5075, 5077, 5085-90, 5137, 5140 using 4" gun & 16 shots/1 SPF. TOOH. R/U Western. Pumped 3000 gal 7 1/2% spearhead acid. Dropped 24 ball sealers (Too fast) slowed rate to 10 BPM when acid reached perfs. Balled out w/20 Bbls acid behind perfs. Serged balls off. Finish acid displacement & proceed w/frac as follows:
8000 gal pad
4500 gal 1 ppg 20/40 sd
4500 gal 2 ppg 20/40 sd
4500 gal 3 ppg 20/40 sd
5000 gal 4 ppg 20/40 sd
5000 gal 5 ppg 10/20 sd
Flush w/118 Bbls KCl & 1 gal/thous clay
stat
- R/D Western & R/U Wireline. TIH & started to detect RA sand @ approx 4000'. Tag bridge @ 4898'. did not attempt to break thru. TOOH. R/D Wireline. Shut well in for night.
- 4/11/82 Presently flow test.
REMARKS: 21 hr. SICP - 500 psi. Open well to tank thru 16/64 choke @ 8:00 A.M. 5 min. FTP - 250, 15 min FTP - 150, 30 min FTP - 90, 1 hr FTP - 0-25 serging. Flow rate 7 BPH @ 3 hrs open. Open to full choke @ 10 A.M. Flow rate 3 BPH @ 5 hrs open. Recovered 46 BLW w/trace of oil. TIH w/notched collar. Bridge @ 3481'. Circ out sand to 3639' & fell free. TIH to 4600' & tag bridge. Pull tbg to stands above sand. Flowing approx 10 BPH out annulus. Flow thru tbg to test tank overnight.
- 4/12/82 Presently flow test.
REMARKS: 15 hr. recovery - 25 BLW w/trace of oil. Well flowing intermittently. Left well flowing to tank.
- 4/13/82 Presently swabbing.
REMARKS: SICP - 50 psi. GIH w/notched collar & tag bridge @ 4590'. Wash 5'. TIH to bridge @ 4842 & wash to 5190'. Made 6 swab runs - fluid recovery undetermined.

- 4/14/82 Presently swabbing. PBD: 5190'
REMARKS: 14 hr. SITP - 500 psi. SICP - not recorded. Flow to tank 1 hr 15 min. Recovered approx 6 BNO. R/U to swab. IFL @ 500', FFL @ 4850'. Made 15 swab runs. Est. recovery - 74 BLW, 49 BNO. Fluid influx on final 3 runs - approx 4 BPH (40-50% oil). 709 BLW to recover. Shut well in for night.
- 4/15/82 Presently preparing to TOOH. PBD: 5190'
REMARKS: 14 hr. SITP - 425 psi, SICP - 550. Blew well down in 5 min - no fluid. R/U to swab. IFL @ 500', FFL @ 4850. Made 10 runs. Estimated recovery - 10 BLW, 58 BNO. Fluid influx approx 4 BPH. 100% oil on final 5 runs. 699 BLW left to recover. Shut well in for night.
- 4/16/82 Presently preparing to frac.
REMARKS: Blew well down. TOOH w/tubing. P/U Baker Model "C" retr. BP & TIH. Set BP @ 4625'. R/U Wireline. TIH w/dump bailer & BP w/1 sack sand. TOOH. TIH to perforate. MR. TOOH to repair gun. TIH & perforate FDC-CNL interval - 4026-38 (7 shots), 4070, 4072, 4344, 4346, 4348 w/4" HSC csg gun. 12 shots total. TOOH. SWIFN.
- 4/17/82 Presently SI after frac.
REMARKS: R/U Western. Pumped 3000 gal 7 1/2% sphd @ 1200 psi & 8-10 BPM. Dropped 20 balls 1st 60 Bbls spaced evenly. Good ball action but didn't ball off. Serge balls off perfs & proceed w/frac as follows:
8000 gal pad
4500 gal w/1 ppg 20/40 sd
4500 gal w/2 ppg 20/40 sd
4500 gal w/3 ppg 20/40 sd
5000 gal w/4 ppg 20/40 sd
5000 gal w/4 ppg 10/20 sd
Flush w/96 Bbls 2% KCl water
R/D Western.
- 04/18/82 Presently flow back after frac.
REMARKS: 22 hr. SICP - 600 psi. Flow well to tank thru 16/64 choke. 5 min FTP - 350, 15 min FTP - 200, 30 min FTP - 100, 1 hr FTP - 0. Total recovery @ 5:00 P.M. - 163 BLW, trace oil. Well flowing approx 9 BPH. Left well flowing to tank overnight.
- 04/19/82 Presently flow back after frac.
REMARKS: Well flowing approx 2 BPH @ 8:00 A.M. 15 hr. recovery - 64 BLW w/trace of oil. Flowing 2 BPH @ 4:30 P.M.. Recovered approx 18 BLW w/trace of oil in previous 8 1/2 hrs. Total recovery - 82 BLW w/trace of oil. 643 BLW to recover. Left well flowing to tank overnight.
- 04/20/82 Presently swabbing.
REMARKS: 14 hr. rec - 22 BLW w/trace oil. Still flowing @ 6:30 A.M. P/U retr. head & TIH. tag sd @ 4475'. TOOH to 4000'. R/U to swab. IFL @ surface. FFL @ 4000'. Made 23 swab runs - Rec. 285 BLW, 2 BNO. Fluid influx approx. 25 BPH. Oil cut - 1-2% on final 2 runs. 358 BLW to recover. SWIFN.
CUM. COST: \$319,484
- 04/21/82 Presently swabbing. PBD: 4620
REMARKS: 14 hr. SITP - 150, SICP - 50. Blew well down in 5 min. R/U to swab. IFL @ 2400', FFL @ 4000'. Made 29 swab runs. Recovered 304 BLW, 20 BNO. Influx approx 25 BPH. Oil cut incr. from 1 to 2% on 1st 15 runs to 13% on final 5 runs. Fluid gas cut. 214 BLW to recover (corrected from original load water estimate).
CUM. COST: \$322,154

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 412' plug from 4844'-5256' with 50 sx Class "G" cement.
2. Plug #2 Set 164' plug from 4234'-4398' with 20 sx Class "G" cement.
3. Plug #3 Set 196' plug from 3926'-4122' with 25 sx Class "G" cement.
4. Plug #4 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
5. Plug #5 Set 100' plug from 188'-288' (50' on either side of casing shoe) with 15 sx Class "G" cement.
6. Plug #6 Set 50' plug from surface with 10 sx Class "G" cement.
7. Plug #7 Pump 10 sx Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 238' to surface.

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

Federal #2-1-9-16

Spud Date: 3/25/82
 Put on Production: 4/29/82
 GL: 5341' KB: 5358'

Initial Production: 6 BOPD, 0
 MCFPD, 62 BWPD

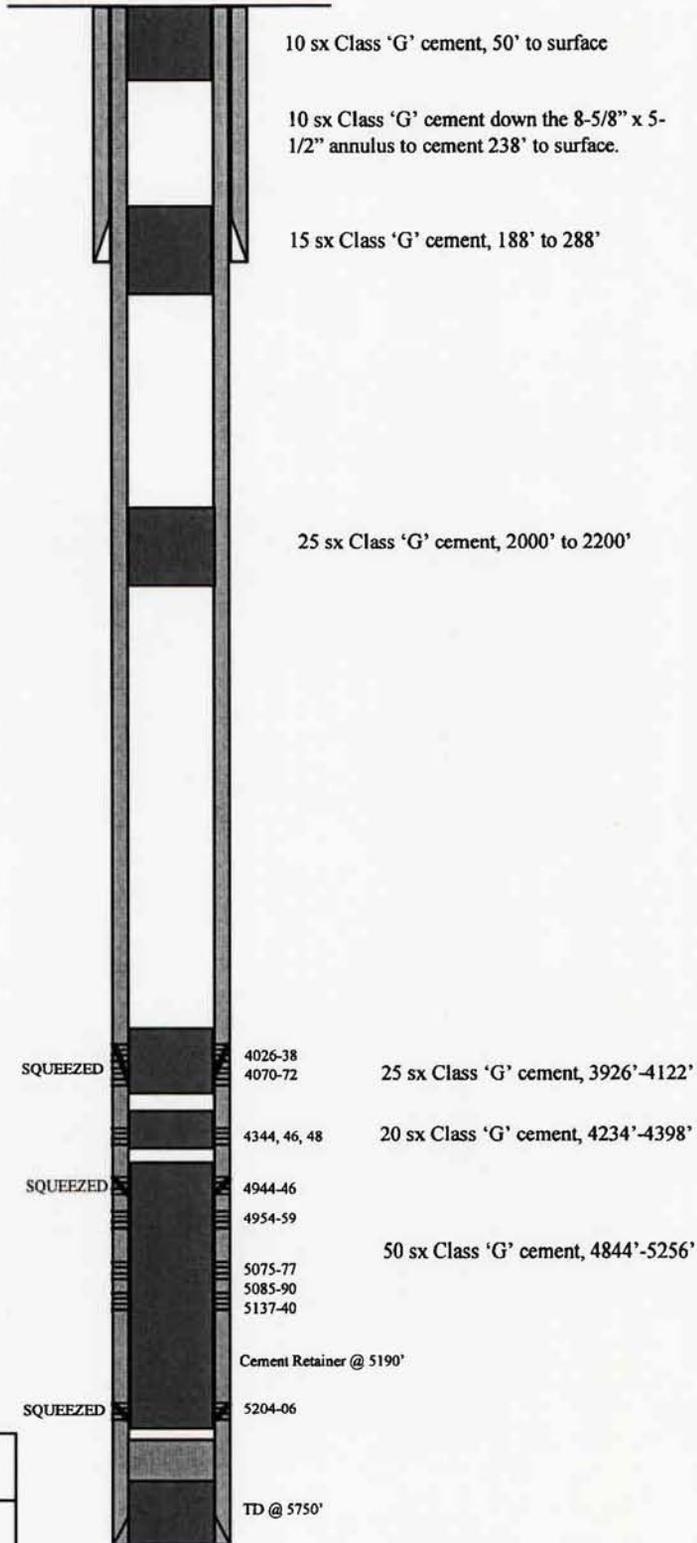
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 221'
 DEPTH LANDED: 238' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class G

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5775'
 DEPTH LANDED: 5774' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 670 sk 50/50 Poz
 CEMENT TOP AT: 2744'



 **Inland Resources Inc.**

Federal #2-1
 784' FNL 812' FEL
 NENE Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30603; Lease #UTU-33992



November 30, 2001

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

RE: Permit Application for Water Injection Well
Federal #2-1-9-16
Monument Butte Field, Jonah Unit, Lease #UTU-33992
Section 1-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Forsman:

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

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

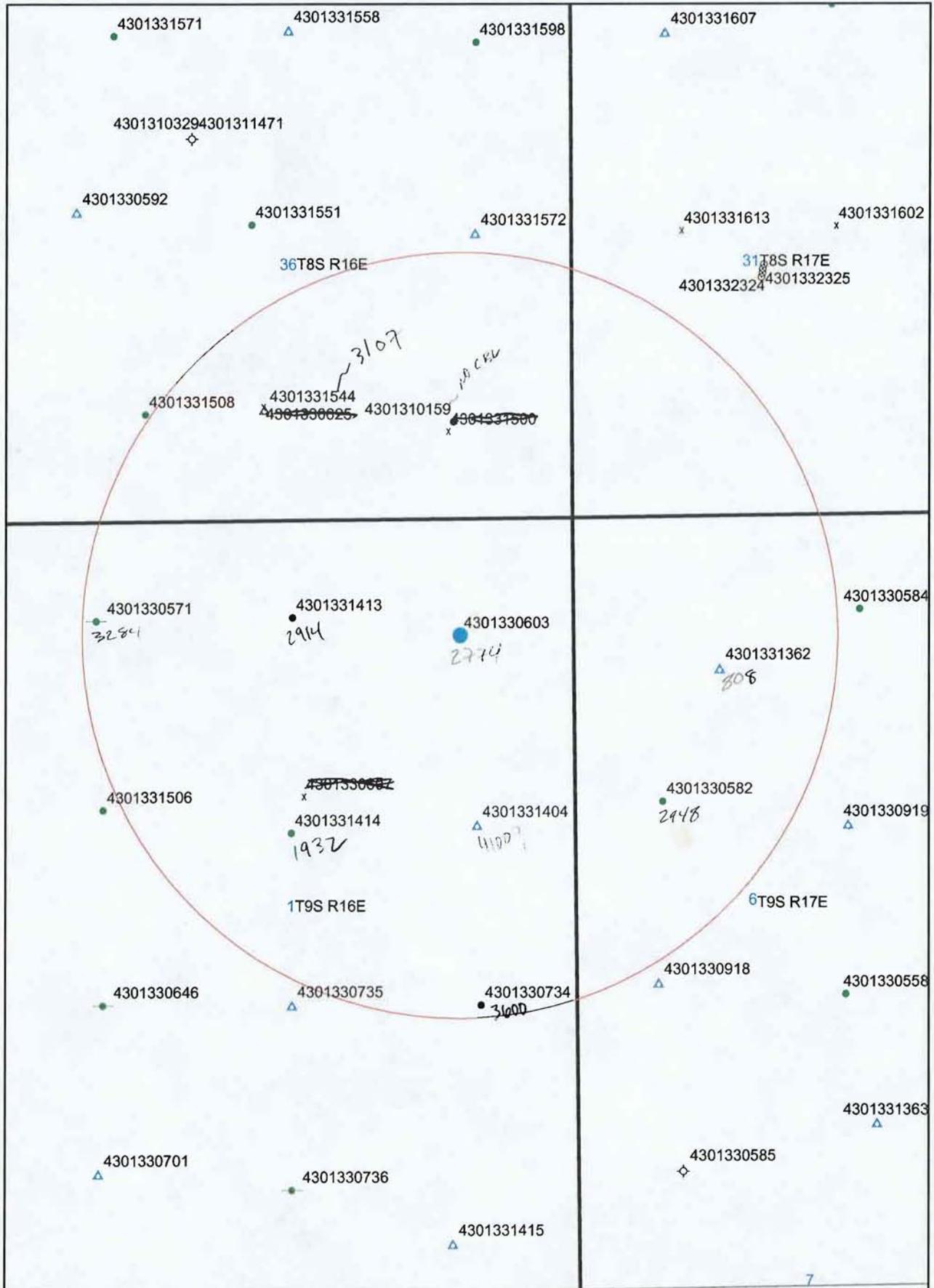
Sincerely,

A handwritten signature in cursive script that reads "Joyce McGough". The signature is written in dark ink and is positioned above the typed name.

Joyce McGough
Regulatory Specialist

Enclosures

Federal 2-1-9-16



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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
410 Seventeenth Street, Suite 700 Denver, CO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NE/NE 784 FNL, 812 FEL Sec. 12, T9S, R16E

5. Lease Designation and Serial No.
UTU-33992

6. If Indian, Allottee or Tribe Name
NA

7. If unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Federal 2-1-9-16

9. API Well No.
43-013-30603

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne Co., 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 type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

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

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

Please see attached injection application.

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

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

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

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

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

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

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

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

Please see attached injection application.

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

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

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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



November 30, 2001

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

RE: Permit Application for Water Injection Well
Federal #1-2-9-16
Monument Butte Field, Jonah Unit, Lease #UTU-33992
Section 1-Township 9S-Range 16E
Duchesne County, Utah
UIC-283.3

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Federal #2-1-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Jonah Unit.

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

Sincerely,

W. T. War
Vice President

RECEIVED

DEC 10 2001

DIVISION OF
OIL, GAS AND MINING

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #2-1-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
JONAH UNIT
LEASE #UTU-33992
NOVEMBER 30, 2001

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ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: Federal 2-1-9-16
Field or Unit name: Monument Butte (Green River) Jonah Unit Lease No. UTU-33992
Well Location: QQ NE/NE section 132 township 9S range 16E county Duchesne

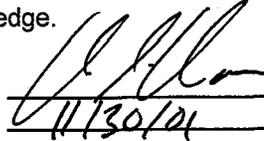
Is this application for expansion of an existing project? Yes [X] No []
Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
Disposal? Yes [] No [X]
Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]
If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]
Date of test: _____
API number: 43-013-30603

Proposed injection interval: from 3764' to 5206'
Proposed maximum injection: rate 500 bpd pressure 1800 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

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

List of Attachments: Attachments "A" through "H-1"

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

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

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

Comments:

Federal #2-1-9-16

Spud Date: 3/25/82
 Put on Production: 4/29/82
 GL: 5341' KB: 5358'

Initial Production: 6 BOPD, 0
 MCFPD, 62 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

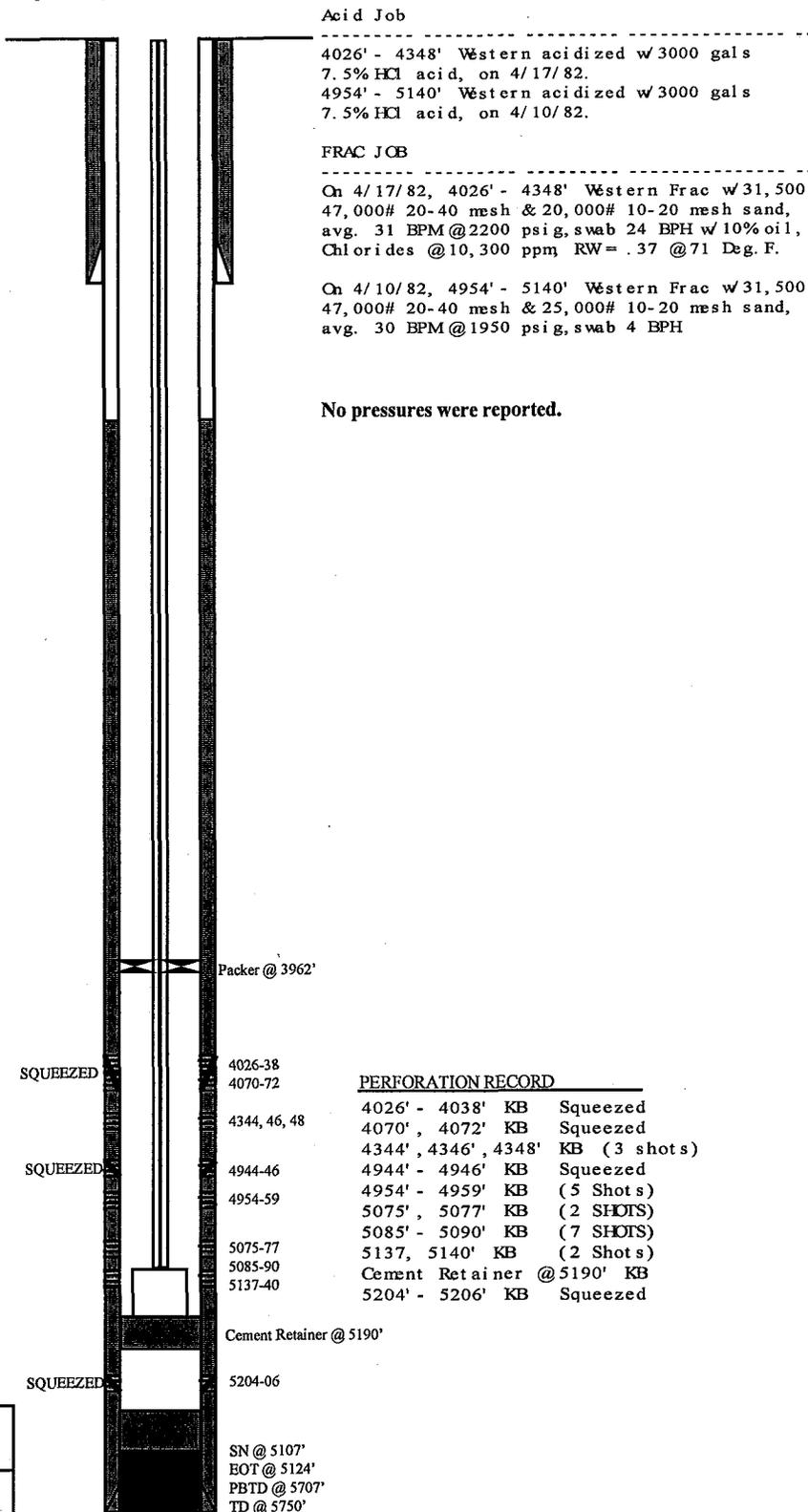
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 221'
 DEPTH LANDED: 238' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class G

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5775'
 DEPTH LANDED: 5774' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 670 sk 50/50 Poz
 CEMENT TOP AT: 2744'

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/J-55
 NO. OF JOINTS: 161 jts.
 TUBING ANCHOR: None
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5124'
 SN LANDED AT: 5107'



Acid Job

4026' - 4348' Western acidized w 3000 gals
 7.5% HCl acid, on 4/17/82.
 4954' - 5140' Western acidized w 3000 gals
 7.5% HCl acid, on 4/10/82.

FRAC JOB

On 4/17/82, 4026' - 4348' Western Frac w 31,500
 47,000# 20-40 mesh & 20,000# 10-20 mesh sand,
 avg. 31 BPM @ 2200 psig, swab 24 BPH w 10% oil,
 Chlorides @ 10,300 ppm RW = .37 @ 71 Deg. F.

On 4/10/82, 4954' - 5140' Western Frac w 31,500
 47,000# 20-40 mesh & 25,000# 10-20 mesh sand,
 avg. 30 BPM @ 1950 psig, swab 4 BPH

No pressures were reported.

SQUEEZED 4026-38
 4070-72
 4344, 46, 48
 SQUEEZED 4944-46
 4954-59
 5075-77
 5085-90
 5137-40
 SQUEEZED 5204-06

PERFORATION RECORD

4026' - 4038' KB	Squeezed
4070', 4072' KB	Squeezed
4344', 4346', 4348' KB	(3 shots)
4944' - 4946' KB	Squeezed
4954' - 4959' KB	(5 Shots)
5075', 5077' KB	(2 SHOTS)
5085' - 5090' KB	(7 SHOTS)
5137, 5140' KB	(2 Shots)
Cement Retainer @ 5190' KB	
5204' - 5206' KB	Squeezed

Cement Retainer @ 5190'

SN @ 5107'
 EOT @ 5124'
 PBD @ 5707'
 TD @ 5750'



Inland Resources Inc.

Federal #2-1

784' FNL 812' FEL

NENE Section 1-T9S-R16E

Duchesne Co, Utah

API #43-013-30603; Lease #UTU-33992

Revised by JM 11/28/01

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and 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 #2-1-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Jonah Unit.

- 2.4 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.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. In the Federal #2-1-9-16 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3764' - 5306'). The confining strata directly above and below the injection zones are the Garden Gulch and Black Shale Members of the Green River Formation, with the Garden Gulch Marker top at 3764' and the Black Shale at 5494'.

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

The referenced log for the Federal #2-1-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. 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.

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

See Attachment B.

- 2.9 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.

- 2.10 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 #UTU-33992) in the Monument Butte (Green River) Field, Jonah 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 Attachments 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 238' KB, and 5-1/2" 15.5# J-55 casing run from surface to 5774' 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 primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. 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.

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 1800 psig.

- 2.8 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 minimum fracture gradient for the Federal #2-1-9-16, for existing perforations (4026' - 5206') (cannot be calculated at this time). The maximum injection pressures will be limited so as not to exceed a gradient of .82. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1800 psig. We may add additional perforations between 3764' and 5206'. See Attachment G through G-1.

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

In the Federal #2-1-9-16, the proposed injection zone (3764' - 5206') is in the Garden Gulch to Basal Limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are 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.

- 2.10 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-10.

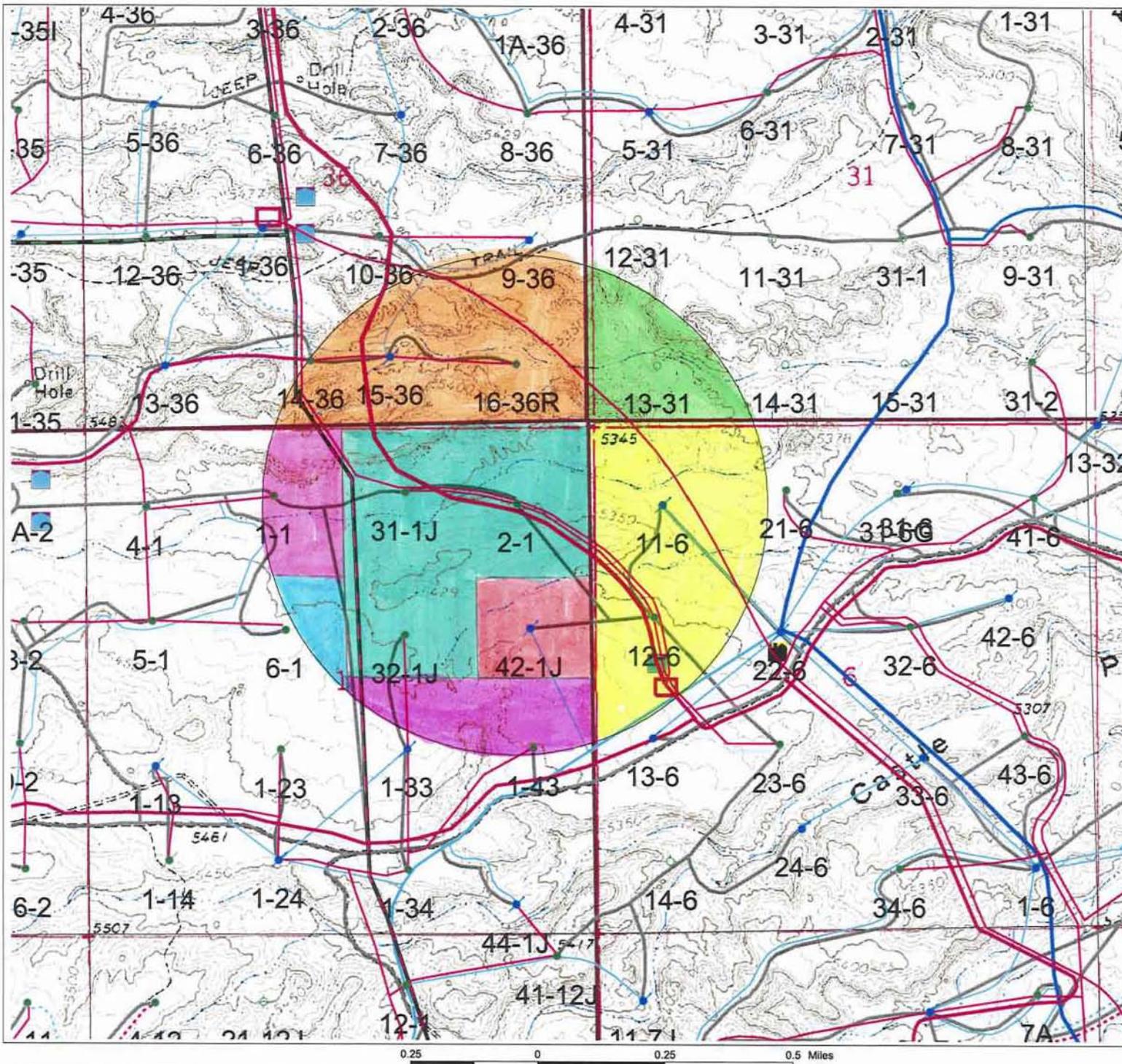
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

- 2.11 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.

- 2.12 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.



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



Attachment A
 Fed. 2-1-9-16
 Sec. 1-T9S-R16E

Inland 418 E 7th Street, Suite 700
 Denver, Colorado 80202
 Phone: (303) 893 6102

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

11.11.16

Attachment B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 16 East</u> Section 6: All	U-020252A HBP	Inland Production Company	(Surface Rights) USA
2	<u>Township 9 South, Range 16 East</u> Section 1: Lot 3	U-72104 HBP	Inland Production Company Key Production Company Jack N. Warren King Oil & Gas of Texas, LTD.	(Surface Rights) USA
3	<u>Township 9 South, Range 16 East</u> Section 1: Lot 4, S/2NW/4	U-72103 HBP	Inland Production Company Davis Resources Davis Bros.	(Surface Rights) USA
4	<u>Township 9 South, Range 16 East</u> Section 29: Lot 1 Section 30: Lots 1-4, E/2NE/4, E/2SW/4, SW/4SE/4 Section 31: Lots 1-5, W/2E/2, SE/4NE/4, E/2W/2, NE/4SE/4	UTU-74869 HBP	Inland Production Company	(Surface Rights) USA

Attachment B
Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
5	<u>Township 9 South, Range 16 East</u> Section 1: Lots 1,2, SW/4NE/4	U-33992 HBP	Inland Production Company Davis Resources Davis Bros. R. Lee Tucker King Oil & Gas of Texas, Inc	(Surface Rights) USA
6	<u>Township 8 South, Range 16 East</u> Section 34: NE/4, N/2SE/4, SE/4SE/4 Section 35: All	U-16535 HBP	Inland Production Company Marian Brennan Raymond H. Brennan Davis Brothers Davis Resources Beverly Sommer International Drilling Services Thomas I. Jackson King Oil & Gas of Texas, LTD. Texas General Offshore Jack Warren	(Surface Rights) USA
7	<u>Township 9 South, Range 16 East</u> Section 1: N/2SE/4, SW/4SE/4	U-52013 HBP	Inland Production Company	(Surface Rights) USA

Attachment B
Page 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
8	<u>Township 8 South, Range 16 East</u> Section 36: All	ML-22061 HBP	Inland Production Company Davis Bros. Davis Resources	(Surface Rights) STATE
9	<u>Township 9 South, Range 16 East</u> Section 1: SE/4NE/4	U-40652 HBP	Inland Production Company Key Production Company	(Surface Rights) USA

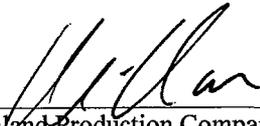
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #2-1-9-16

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

Signed: _____


Inland Production Company
W. T. War
Vice President

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

Notary Public in and for the State of Colorado: _____



My Commission Expires: _____

8/29/2003

Federal #2-1-9-16

Spud Date: 3/25/82
 Put on Production: 4/29/82
 GL: 5341' KB: 5358'

Initial Production: 6 BOPD, 0
 MCFPD, 62 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 221'
 DEPTH LANDED: 238' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class G

PRODUCTION CASING

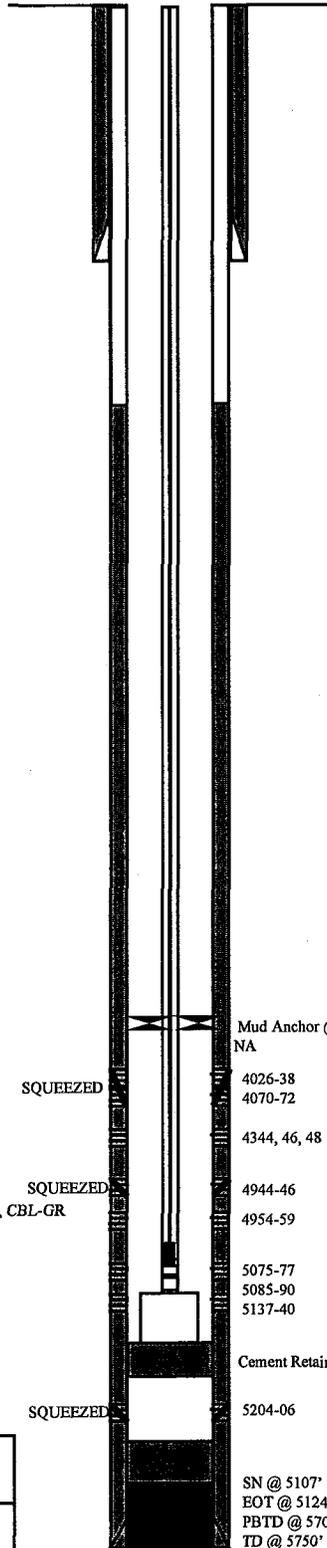
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5775'
 DEPTH LANDED: 5774' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 670 sk 50/50 Poz
 CEMENT TOP AT: 2744'

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/1-55
 NO. OF JOINTS: 161 jts.
 TUBING ANCHOR: None
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5124'
 SN LANDED AT: 5107'

SUCKER RODS

POLISHED ROD: 1-1/4" x 16' polished rod.
 SUCKER RODS: 94-3/4", 102-3/4" plain rods
 PUMP SIZE: 2-1/2 x 1-1/2 x 16 RHAC pump
 STROKE LENGTH: 54"
 PUMP SPEED, SPM: 8 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR



Acid Job

4026' - 4348' Western acidized w 3000 gals
 7.5% HCl acid, on 4/17/82.
 4954' - 5140' Western acidized w 3000 gals
 7.5% HCl acid, on 4/10/82.

FRAC JOB

On 4/17/82, 4026' - 4348' Western Frac w 31,500
 47,000# 20-40 mesh & 20,000# 10-20 mesh sand,
 avg. 31 BPM @ 2200 psig, swab 24 BPH w 10% oil,
 Chlorides @ 10,300 ppm RW = .37 @ 71 Deg. F.

On 4/10/82, 4954' - 5140' Western Frac w 31,500
 47,000# 20-40 mesh & 25,000# 10-20 mesh sand,
 avg. 30 BPM @ 1950 psig, swab 4 BPH

No pressures were reported.

PERFORATION RECORD

4026-38	4026' - 4038' KB	Squeezed
4070-72	4070' , 4072' KB	Squeezed
4344, 46, 48	4344' , 4346' , 4348' KB	(3 shot s)
4944-46	4944' - 4946' KB	Squeezed
4954-59	4954' - 4959' KB	(5 Shot s)
5075-77	5075' , 5077' KB	(2 SHOTS)
5085-90	5085' - 5090' KB	(7 SHOTS)
5137-40	5137, 5140' KB	(2 Shot s)
	Cement Retainer @ 5190' KB	
	5204' - 5206' KB	Squeezed

Cement Retainer @ 5190'

SN @ 5107'
 EOT @ 5124'
 PBTD @ 5707'
 TD @ 5750'



Inland Resources Inc.

Federal #2-1

784' FNL 812' FEL

NENE Section 1-T9S-R16E

Duchesne Co, Utah

API #43-013-30603; Lease #UTU-33992

Revised by JM 11/28/01

Put on production: 9/10/98
 GL: 5387'

Federal #1-1

Wellbore Diagram

Initial Production: 69 BOPD,
 0 MCFD, 0 BWPD

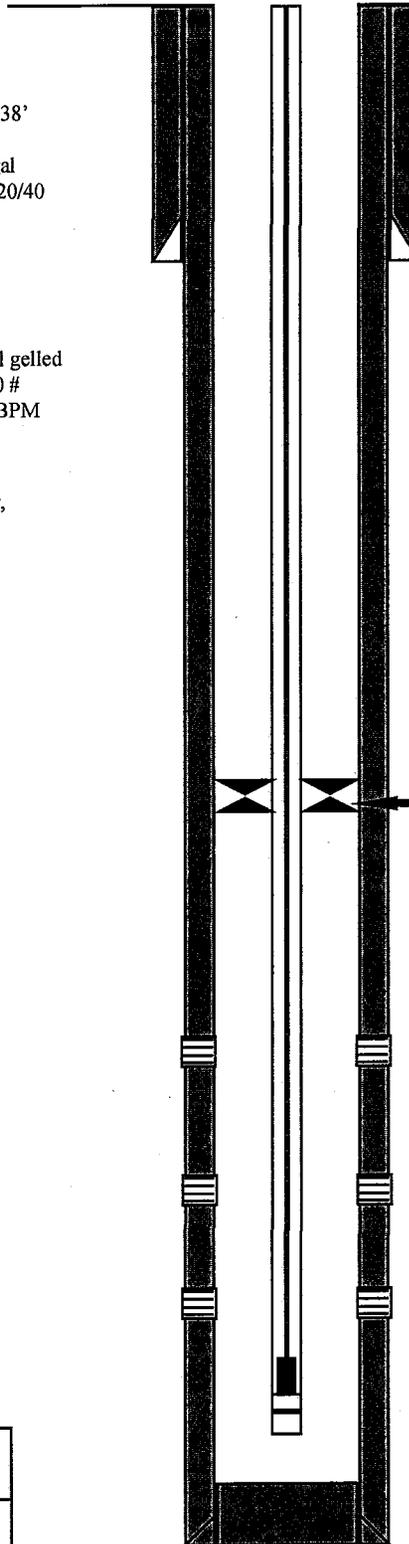
Well History:

- 4-30-81 Spud Well

- 7-81 Perf 5,316'-5,319', 5,335'-5,338'
 Frac A-3 zone as follows:
 1000 gal 15% HCL, 12,780 gal gelled 2% KCL wtr, 14,000# 20/40 sd, 840# 10/20 sd, ATP 2300, AIR 20BPM

- 7-81 Perf 5,094'-5,112'
 Frac B-2 zone as follows:
 3000 gal 15% HCL, 18,000gal gelled diesel, 25,000# 20/40 sd, 9000 # 10/20 sd, ATP 3150, AIR 20 BPM

- 10-82 Perf 4,956'-4,973'
 Frac C-SD zone as follows:
 35,500gal gelled 3% KCL wtr, 85,000# 20/40 sd, ATP 2400, AIR 30 BPM



Surface Hole Size: 12 1/4"
 Hole Size: 7 7/8"
 Rods: 205-3/4"
 8-5/8" Surface casing @ 239'
 5-1/2" 15.5# J-55 csg @ 5,504'
 2-7/8" 6.5# J-55 tubing @ 5,357'

Tubing Anchor @ 4,937'

Perforation Record:

9/30/82	4956'-4964'	1 SPF	9 shots
9/30/82	4971'-4973'	2 SPF	4 shots
7/17/81	5094'-5102'	1 SPF	8 shots
7/17/81	5108'-5112'	1 SPF	4 shots
7/12/81	5316'-5319'	2 SPF	3 shots
7/12/81	5335'-5338'	2 SPF	3 shots

4956'-4973'

5094'-5112'

5316'-5338'

SN @ 5,324' 1-1/4" pump

PBTD @ 5461'

EOT @ 5357'

TD @ 5,504'

TOC @ 3247'



Inland Resources Inc.

Federal #1-1

684 FNL 1930 FWL

NENW Section 1-T9S-R16E

Duchesne Co, Utah

API #43-013-30571; Lease #UTU-72104

Balcron Monument Federal #31-1J

Spud Date: 9/15/95
 Put on Production: 10/13/95
 GL: 5368' KB: 5377'

Initial Production: 34 BOPD,
 NM MCFPD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 252.75'
 DEPTH LANDED: 262.75' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Premium cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

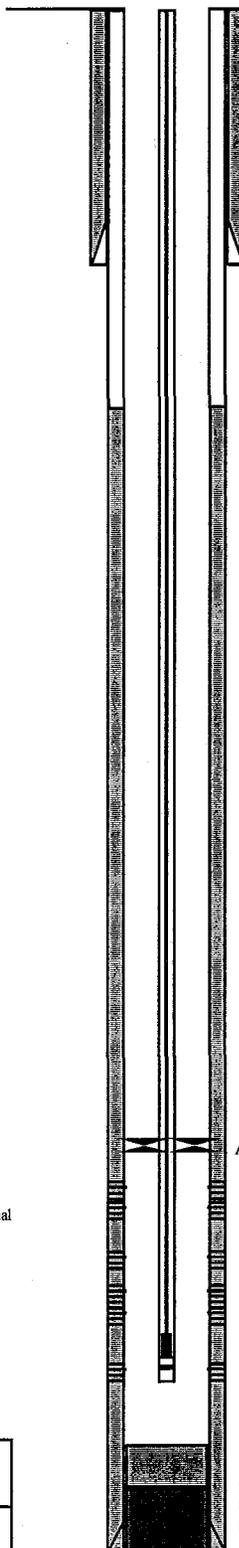
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5895.78'
 DEPTH LANDED: 5907.78' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sk Super G & 288 sxs 50/50 POZ.
 CEMENT TOP AT: 804'

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/1-55
 NO. OF JOINTS: 175 jts.
 TUBING ANCHOR: 4740'
 SEATING NIPPLE: 2-7/8" (1.10")
 TOTAL STRING LENGTH: EOT @ 5364'
 SN LANDED AT: 5330'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' polished rod.
 SUCKER RODS: 4-3/4"x8' Pony, 212-3/4"x25 plain rods.
 PUMP SIZE: 2-1/2 x 1-1/2 x 16 RWAC pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4.25 SPM
 LOGS: CBL/GR/Collars: Litho Density Compensated Neutron/GR; Dual Laterolog w/Linear Correlation GR



ACID JOB /BREAKDOWN

9/27/95	5258'-5284'	BJ Services: 2562 gal 2% KCL wtr/ 104 ball sealers. Bailed off. ATP= 2800 psi, ATR= 4.5 bpm, ISIP= 1300 psi.
9/29/95	5068'-5076' 5078'-5081'	BJ Services: 1932 gal 2% KCL wtr w/ 88 ball sealers. ATP= 5.0 bpm, ATR= 5.0 bpm, ISIP= 950 psi.
10/2/95	4783'-4785'	BJ Services: Spot 250 gal 15% HCL. ATP= 4800 psi, ATR= 0.6 bpm, ISIP= 4000 psi.
10/2/95	4783'-4785'	BJ Services: ?? gal 2% KCL wtr w/ 22 ball sealers. Ball action but no ball off. ATP= 1600 psi, ATR= 4.6 bpm, ISIP= 1000 psi.
10/3/95	4917'-4940'	BJ Services: ?? gal 2% KCL wtr w/ 22 ball sealers. Ball action but no ball off. ATP= 1600 psi, ATR= 4.6 bpm, ISIP= 1000 psi.

FRAC JOB

9/28/95	5258'-5284'	BJ Services: 22,260 gal 2% KCL water w/ 14000# 20/40 sand & 80,000# 16/30 sand. ATP= 2150 psi, ATR= 32.0 bpm, ISIP= 2100 psi, 5 min= 1940 psi, 10 min= 15 min= 1850 psi, 30 min= 1800 psi.
9/29/95	5068'-5076'	BJ Services: 14,868 gal 2% KCL wtr w/ 16,000# 20/40 sand, 24,000# 16/30 sand. ATP= 2150 psi, ATR= 31.4 bpm, ISIP= 1950 psi, 5 min= 1700 psi, 10 min= 1590 psi, 15 min= 1540 psi, 30 min= 1360 psi.
10/3/95	4783'-4785' 4917'-4940'	BJ Services: 21,042 gal 2% KCL wtr w/ 72,000# 16/30 sand. ATP= 2400 psi, ATR= 31.7 bpm, ISIP= 2300 psi, 5 min= 168p psi, 10 min= 1620 psi, 15 min= 1570

PERFORATION RECORD

9/27/95	Schlumberger	5258'-5284'	2 SPF
9/28/95	Schlumberger	5068'-5076' 5078'-5081'	?
10/2/95	Schlumberger	4783'-4785' 4917'-4940'	3 holes 11 holes

Anchor @ 4740'
 4783-85
 4917-40
 5068-76
 5078-81
 5258-84

SN @ 5330'
 EOT @ 5364'
 PBT @ 5874'
 TD @ 5923'



Inland Resources Inc.

Balcron Monument Federal #31-1J

660' FNL 1980' FEL
 NWNE Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31413; Lease #U-33992

Balcron Monument Federal #32-1J

Spud Date: 8/24/94
 Put on Production: 9/23/94
 GL: 5397' KB: 5407'

Initial Production: 52 STBOPD,
 NM MCFD, 0 STBOPD

Wellbore Diagram

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 353.65'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 362' KB
 CEMENT DATA: By Western w/220 sxs Class "G" w/
 2% CCL & 1/4#/sx CelloFlake.

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5780.24'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5789'24' KB
 CEMENT DATA: By Western w/261 sxs Super "G" w/
 2#/sx HiSeal, & 1/4#/sx Celloflake.
 Tail w/290 sxs 50-50 POZ w/2% gel
 & 1/4#/sx Celloflake & 2#/sx Hi-Seal2.

CEMENT TOP AT: 1882' KB

Tubing Record

SIZE, WEIGHT, GRADE: 2-7/8", 6.5#, j-55
 NO. OF JOINTS: 151 @ 4743.38'
 TUBING ANCHOR: 2-7/8" X 5-1/2" X 2.35'
 NO. OF JOINTS: 18 @ 562.17'
 SEATING NIPPLE: 2-7/8" X 1.1" (1.75" ID)
 PERF. SUB: 2-7/8" x 4'
 NO. OF JOINTS: 1 @ 30.66'
 TOTAL STRING LENGTH: 5343.86' (10' KB)
 SN LANDED AT: 5319.00' KB

Sucker Rods

1 - 1-1/4" x 22' Polish Rod
 1 - 8', 1 - 6', 1 - 2' x 3/4" ponies
 211 - 3/4" x 25' D-61 Slick Rods
 1 - 8' x 1/2" pony rod.

PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC
 with SM plunger
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 3.5
 PUMPING UNIT SIZE: 160-200-74
 S/N: 507-S4202
 ENGINE SIZE: 7-1/4 X 8 EA-30
 S/N: 74511
 TANK SIZE: Two @ 12' x 20' 400-bbl Vertical
 #1 S/N: 233-T2
 #2 S/N: 1166-T2

FRAC JOB

5276' - 5288' KB (4 SPF): 9-10-94 by Western w/2394 gals
 2% KCL water. ATP 2600 psi,
 max 5000 psi. ATR 6.2 bpm, max
 6.3 bpm. ISIP 1300 psi.

4768' - 4788' KB (3 shots): 9-14-94 by Western w/1,974 gals
 2% KCL wtr. ATP 3300 psi, max 5000 psi.
 ATR 4 bpm, max 4 bpm. ISIP 1600 psi.
 Pump 2 balls/bbl.

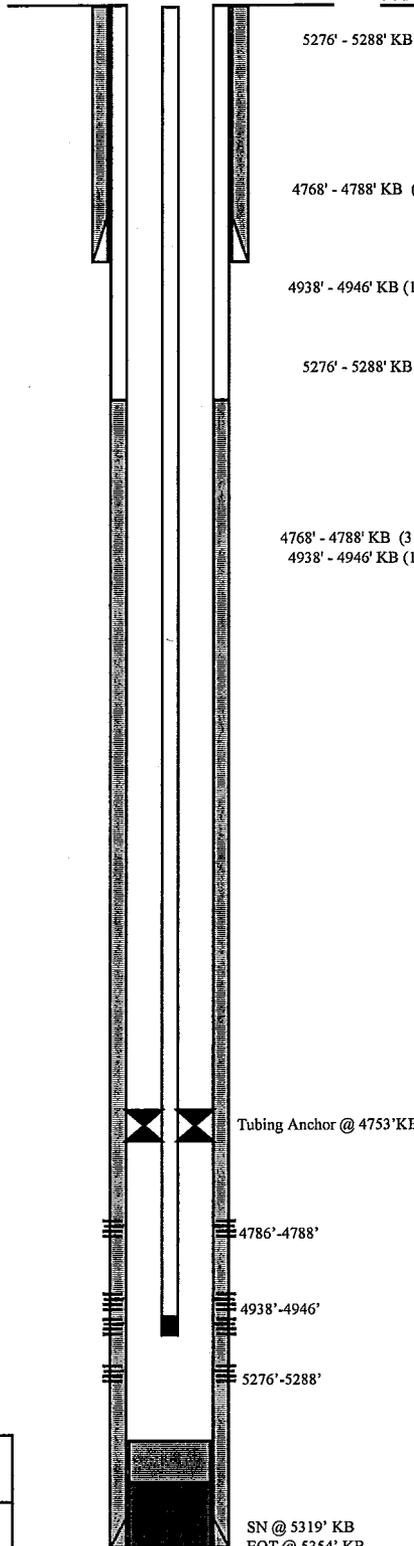
4938' - 4946' KB (10 shots): 9-14-94 by Western w/1,806 gals 2% KCL wtr.
 ATP 3100 psi, max 4900 psi. ATR 4.2 bpm,
 max 7.2 bpm. ISIP 680 psi. Pump 2 balls/bbl.

5276' - 5288' KB (4 SPF): 9-10-94 by Western w/17,640# 20/40
 mesh sand & 20,540 # 16/30 mesh sand
 w/14-784 gals 2% KCL gelled wtr. ATP
 2550 psi, max 2870 psi. ATR 30.7 bpm,
 max 31.2 bpm.
 ATP 2550 psi, max 2870 psi, ATR ISIP
 2250 psi, 5 min 2040 psi, 10 min 1870
 psi, 15 min 1830 psi

4768' - 4788' KB (3 shots) &
 4938' - 4946' KB (10 shots): 9-14-94 by Western w/26,800# 16/30 mesh sand
 w/2,096 gals
 2% KCL gelled wtr. ATP 3000 psi, max 3300 psi.
 ATR 29.5 bpm, max 30.4 bpm. ISIP 2200 psi, 5
 min 1340 psi,
 10 min 1220 psi, 14 min 1140 psi, 30 min 790 psi.
 30 min forced closure.

PERFORATION RECORD

5276' - 5288' KB (4 SPF)
 4938' - 4946' KB (10 shots)
 4786' - 4788' KB (3 shots)



SN @ 5319' KB
 EOT @ 5354' KB
 PBTD @ 5734' KB
 TD @ 5789' KB



Inland Resources Inc.

Balcron Monument Federal #32-1J

2143 FNL 1987 FEL

SWNE Section 1-T9S-R16E

Duchesne Co, Utah

API #43-013-31414; Lease #U-33992

Balcron Monument Federal #42-1J

Spud Date: 10/19/93
 Put on Injection: 8/18/94
 GL: 5380' KB: 5390'

Initial Production: 80 STBOPD,
 400 MCFD, 20 STBOPD

Injection Diagram

SURFACE CASING

STRING: #1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 lbs
 LENGTH: 346'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 356' KB
 CEMENT DATA: 180 sxs Class "G" w/additives.

FRAC JOB

5081'- 5086', 15,000 lbs 20/40 sand
 5292'- 5296', & 12,000 lbs 16/30 sand
 in 403 bbls 2% KCL water.
 4779'- 4782', 18,100 lbs 16/30 sand
 4935'- 4938', in 261 bbls 2% KCL water.

PRODUCTION CASING

STRING: #1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5799'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5809' KB
 CEMENT DATA: 112 sxs Thrifty-lite &
 tail w/258 sxs 50-50 POZ.
 CEMENT TOP AT: 2310' KB from Calculations.

Tubing Record

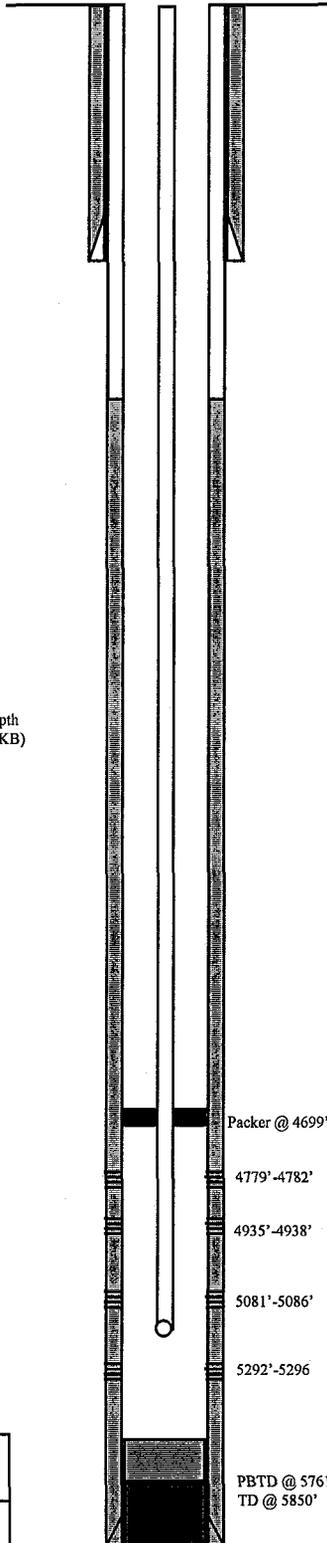
Injection Equipment & Size	Length FT.	Setting Depth FT.(w/10' KB)
-	-	-
KB	10.00	
1) 147 jnts 2 7/8" tbg	4681.17	4691.17
2) 2 7/8" SN (2.25" ID)	1.10	4692.27
3) 5.5" Arrow Set-1 Pkr	7.00	4699.27
End of Tubing		4699.27

Injection Packers Set 8-5-94 By Mtn States.

2 7/8" SN ID @ 2.25".
 Arrow Set-1 Pkr set w/ 15" Tension.
 Packer fluid - 55 gals Champion Cortron #23-83 w/60 STBW.

Injection Horizons

4779' - 4782' (3') RED1
 4935' - 4938' (3') RED5
 5081' - 5086' (5') GREEN1
 5292' - 5296' (4') GREEN5



PERFORATION RECORD

4779' - 4782' (3') 2 SPF RED1
 4935' - 4938' (3') 2 SPF RED5
 5081' - 5086' (5') 2 SPF GREEN1
 5292' - 5296' (4') 2 SPF GREEN5



Inland Resources Inc.

Balcron Monument Federal #42-1J

2078 FNL 629 FEL

SENE Section 1-T9S-R16E

Duchesne Co, Utah

API #43-013-31404; Lease #U-40652

Monument Butte Federal #1-43

Spud Date: 3/24/83
 Put on Production: 6/10/98
 GL: 5404' KB: 5424'

Initial Production: 100 STBOPD,
 50 MCFD, 0 STBWPD

Wellbore Diagram

SURFACE CASING

STRING: 1
 CSG SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24 lbs
 LENGTH: 8 jts @ 328'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 348' KB
 CEMENT DATA: 225 sx, Class-G
 Cement to surface

PRODUCTION CASING

STRING:	1	2
CSG SIZE:	5 1/2"	5 1/2"
GRADE:	K-55	K-55
WEIGHT:	14#	15.5#
LENGTH:	51 jts	101 jts
HOLE SIZE:	7 7/8"	
DEPTH LANDED:	6127' KB	
CEMENT DATA:	400 sx, BJ Lite	
	830 sx, Class-G	
CEMENT TOP AT:	1500' KB from CBL	

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5#
 NO. OF JOINTS: 152 jts @ 4621.60'
 TUBING ANCHOR: 2 7/8" x 2.75' Trico
 NO. OF JOINTS: 38 jts @ 1164.65'
 SEATING NIPPLE: 2 7/8" x 1.1' (ID @ 2.25")
 PERF. SUB: 2 7/8" x 4.2'
 MUD ANCHOR: 2 7/8" x 30.4' Open Ended
 TOTAL STRING LENGTH: 5825.10'
 SN LANDED AT: 5810.10' KB
 Note: Land TA 14,000# Tension

SUCKER RODS

1-1/4"x22' SM
 1-3/4"x4' Pony
 226-3/4"x25' D-61 Plain
 5-3/4"x25' w/ 2.5 guides
 1-7/8"x2' w/2.5 guide

PUMP SIZE: 2.5" x 1 1/2" x 22.5' RHAC

STROKE LENGTH: 74"
 PUMP SPEED, SPM: 3.3
 PUMPING UNIT SIZE: CMI 160-173-74
 PRIME MOVER: Ajax E-30

LOGS: Cement Bond, Dual Induction-SFL, Compensated
 Neutron-Litho Density, Temperature Survey,
 Electromagnetic Propagation, Volan.

FRAC JOB

4776'- 4784' Frac w/Western on 2-17-94,
 10,038 gal 35# J-4L w/28,520 lbs 16-30 mesh
 sand, Avg 24 BPM @ 2200 psig, max @ 2750 psig,
 ISIP @ 2050 psig, 5 min @ 1680 psig, 10
 min @ 1540 psig, 15 min @ 1410 psig.

5044'- 5088' Frac w/Halliburton on 5-26-83.
 39,400 gal Gel w/104,000 lbs 20-40 mesh sand,
 Avg 15 BPM @ 2150 psig, max @ 2270 psig,
 ISIP @ 2900 psig, 15 min @ 1740 psig.

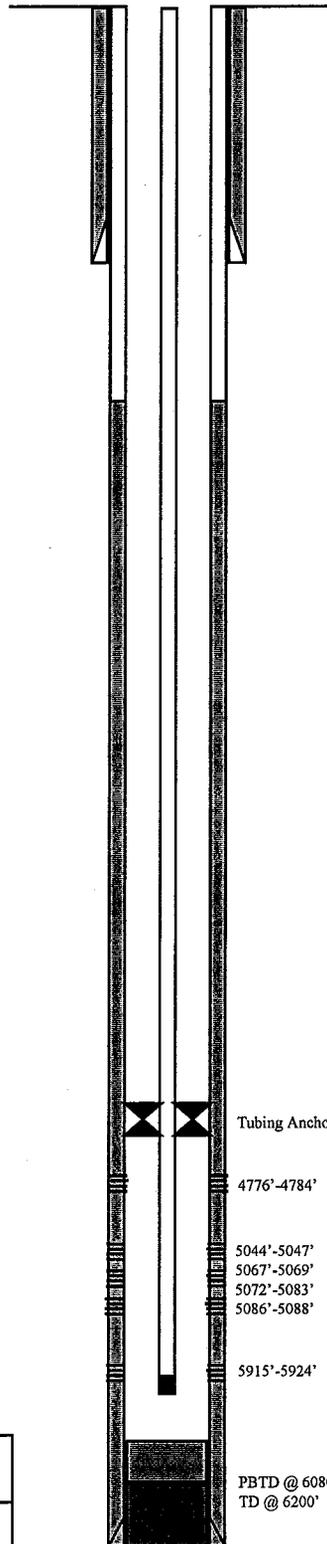
5915'- 5924' Frac w/Halliburton on 5-28-83.
 57,300 gal Gel w/155,000 lbs 20-40 mesh sand,
 Avg 35 BPM @ 1980 psig, max @ 2240 psig,
 ISIP @ 2010 psig, 5 min @ 1900 psig, 10
 min @ 1810 psig, 15 min @ 1760 psig.

ACID JOB

4776'- 4784' 500 gal 15% HCl acid.
 5044'- 5088' 2000 gal 2% KCl wtr &
 70 ball sealers.
 5915'- 5924' 1680 gal 2% KCl wtr &
 30 ball sealers.

PERFORATION RECORD

4776'- 4784' (8')	4 SPF (2-17-94)Red1
5044'- 5047' (3')	2 SPF Green1
5067'- 5069' (2')	2 SPF Green1
5072'- 5083' (11')	2 SPF Green1
5086'- 5088' (2')	2 SPF Green1
5915'- 5924' (9')	3 SPF Blue





Inland Resources Inc.

Monument Butte Federal #1-43

1980 FSL 660 FEL
 NESE Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30734; Lease #U-52013

Balcron Monument Federal #11-6-9-17

Spud Date: 10/29/92
 Put on Injection: 1/22/93
 GL: 5320' KB: 5333'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: ? jts. (?)
 DEPTH LANDED: 272'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 190 sxs Premium cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: ? jts. (5690')
 DEPTH LANDED: 5703'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 206 sk Hyfill mixed & 495 sxs thixotropic
 CEMENT TOP AT: 800' per CBL

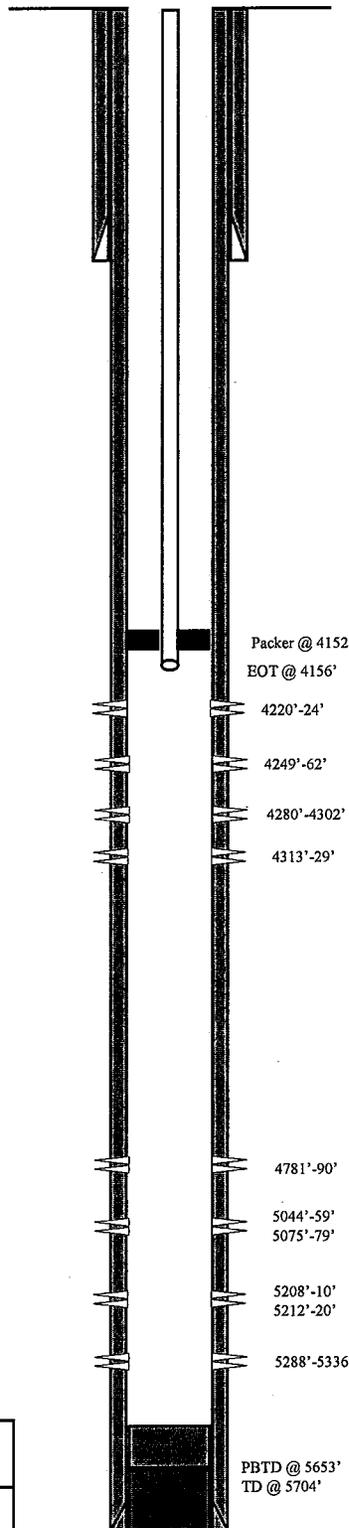
Inj.

Equipment and Size length

1) 129 jnts, 2.875" tbg	3983.69'
2) 2 3/8" SN	1.1'
3) 23 jnts 2.875" tbg	727.49'
4) 5.5" Arrow Set-1 PKR	6.2'
Total String Length	4156'

MIT performed on 6/6/01. Witnessed by Al Carver (EPA) and Dennis Ingram (DOGM).

Injector
Wellbore Diagram



FRAC JOB

4761'-4790', 7812 gals Viking 1 w 27,000 lbs 16/30 sd
 6045'-5079', 8736 Viking 1 w/ 15,000 lbs 16/30 sd
 5208'-5336', 14,574 gals Viking 1 w/ 38,500 lbs 20/40 sd & 5,000 lbs 16/30 sd.
 5208'-5220', 10,666 gals Viking I-35 w/ 15,000 lbs 16/30 sd. Screened out.

PERFORATION RECORD

4781', 4783', 4786', 4787', 4790' w/ one shot each.
 5045', 5047', 5049', 5051', 5053', 5055', 5057',
 5077', 5079' w/ one shot each.
 (Added GREEN 1 Perfs 9/10/93)
 5208', 5215' w/ one shot each.
 5208'-5210', 5212'-5220' w/ 2 SPF (Added Perfs,
 Green3)
 5288', 5293', 5298', 5303', 5313', 5318', 5312',
 5327', 5332', 5336' w/ one shot each.
 6/5/01
 4220'-4224' 4 SPF
 4249'-4262' 4 SPF
 4280'-4302' 4 SPF
 4313'-4329' 4 SPF



Inland Resources Inc.

Balcron Monument Federal #11-6-9-17

804 FNL 696 FWL

NWNW Section 6-T9S-R17E

Duchesne Co, Utah

API #43-013-31362; Lease #U-020252A

Allen Federal #12-6

Spud Date: 12/31/81
 Put on Projection: 2/20/82
 GL: 5352' KB: 5366'

Initial Production: 190 STBOPD,
 75 MCFD, 39 STBOPD

Wellbore Diagram

SURFACE CASING

STRING: 1
 CSG SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24 lbs.
 LENGTH: 7 jts. @ 260'
 DEPTH LANDED: 270' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 210 sx, Class-H.
 Cement to surface.

PRODUCTION CASING

STRING: 1
 SIZE: 5 1/2"
 GRADE: K-55, LT&C
 WEIGHT: 15.5 lbs.
 LENGTH: 6280'
 DEPTH LANDED: 6290' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 420 sx, Class-G.
 655 sx, RFC.
 CEMENT TOP AT: 680' KB from CBL.

TUBING RECORD

SIZE/GRAD: 2 3/8", J-55, 4.7 lbs.
 NO. OF JOINTS: 183 jts. @ 5689.27'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 3/8" x 1.1' (ID @ 2.25")
 PERF. SUB: 2 3/8" x 5.94'
 MUD ANCHOR: 2 3/8" x 31.75' w/NC
 TOTAL STRING LENGTH: 5728'
 SN LANDED AT: 5704' KB

SUCKER RODS

1 - 1 1/2" x 22' Polish Rod
 1 - 3/4" x 4' Pony
 1 - 3/4" x 6' Pony
 213 - 3/4" x 25' Plain Rods

PUMP SIZE: 2" x 1 1/2" x 16' RWAC
 w/Trico 40 Ring PA plunger,
 Chrome ID Barrel, Carbide Seats,
 Rex Alloy Balls.
 (Lufkin 160 serviced 10-14-92)

STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5
 PUMPING UNIT SIZE:

LOGS: Cement Bond, Dual Induction-SFL,
 Compensated Neutron-Formation Density,
 Cyberlook.

FRAC JOB

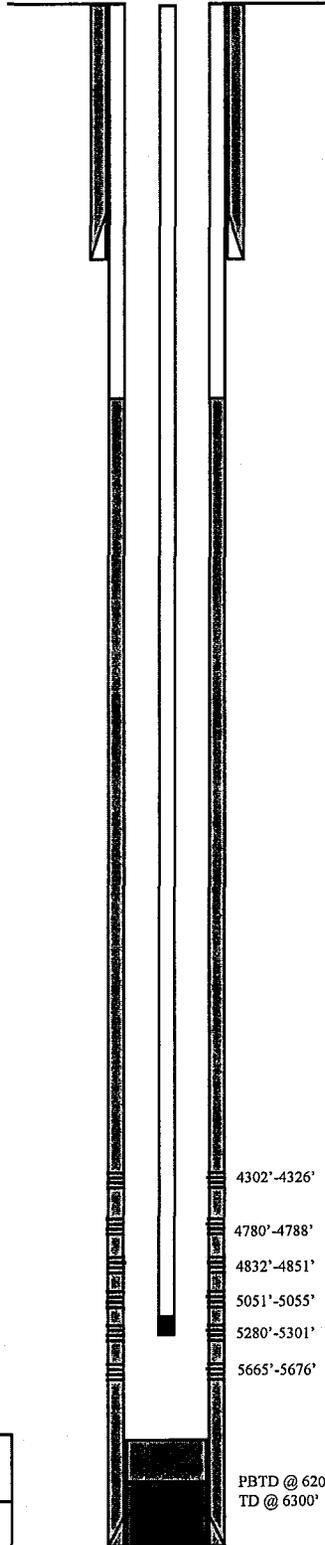
4302'- 4326' Frac w/Halliburton on 2-10-82.
 36,000 gal Ver 1400 fluid w/40,000 lbs 20-40 mesh sand
 & 10,000 lbs 10-20 mesh sand, Avg 20 BPM @ 1800 psig,
 max. @ 2200 psig, ISIP @ 1800 psig, 15 min @ 1540 psig,
 20 min @ 1520 psig.
 4780'- 4788' Frac w/Western on 9-9-93.
 11,718 gal Viking I-35# w/23,800 lbs 16-30 mesh
 sand, Avg 12 BPM @ 4200 psig, max @ 5000 psig,
 ISIP @ 2180 psig, 5 min @ 1720 psig, 10 min
 @ 1620 psig, 15 min @ 1560 psig.
 4832'- 4851' Frac w/Halliburton on 2-9-82.
 31,000 gal Ver 1400 fluid w/40,000 lbs 20-40 mesh sand
 & □
 max. @ 2150 psig, ISIP @ 1950 psig, 15 min @ 1780 psig,
 20 min @ 1770 psig.
 5051'- 5055' Frac w/Western on 9-9-93.
 8,190 gal Viking I 35# w/8,000 lbs 16-30 mesh sand,
 Avg 10.5 BPM @ 4700 psig, max @ 4900 psig,
 ISIP @ 1930 psig, 5 min @ 1900 psig, 10 min
 @ 1870 psig, 15 min @ 1860 psig.
 5280'- 5301' Frac w/Halliburton on 2-8-82.
 31,000 gal Ver 1400 fluid w/40,000 lbs 20-40 mesh sand
 & 10,000 lbs 10-20 mesh sand, Avg 20 BPM @ 1800 psig,
 max. @ 2700 psig, ISIP @ 2070 psig, 15 min @ 1920 psig,
 20 min @ 1900 psig.
 5665'- 5676' Frac w/Halliburton on 2-7-82.
 36,000 gal Ver 1400 fluid w/40,000 lbs 20-40 mesh sand
 & 10,000 lbs 10-20 mesh sand, Avg 15 BPM @ 1700 psig,
 max. @ 2400 psig, ISIP @ 1930 psig, 15 min @ 1750 psig,
 20 min @ 1720 psig.

ACID JOB

4302'- 4326' 2500 gal 15% HCl Acid
 4832'- 4851' 2000 gal 15% HCl Acid
 5280'- 5301' 2000 gal 15% HCl Acid
 5665'- 5676' 1000 gal 15% HCl Acid

PERFORATION RECORD

4302'- 4326' (24') 49 Holes	YELLOW
4780'- 4788' (8') 32 Holes	RED1 (Added 9-8-93)
4832'- 4851' (19') 39 Holes	RED2
5051'- 5055' (4') 8 Holes	GREEN1 (Added 9-8-93)
5280'- 5301' (21') 43 Holes	GREEN5
5665'- 5676' (11') 23 Holes	BLUE



Inland Resources Inc.

Allen Federal #12-6

1980 FNL 604 FWL

SWNW Section 6-T9S-R17E

Duchesne Co, Utah

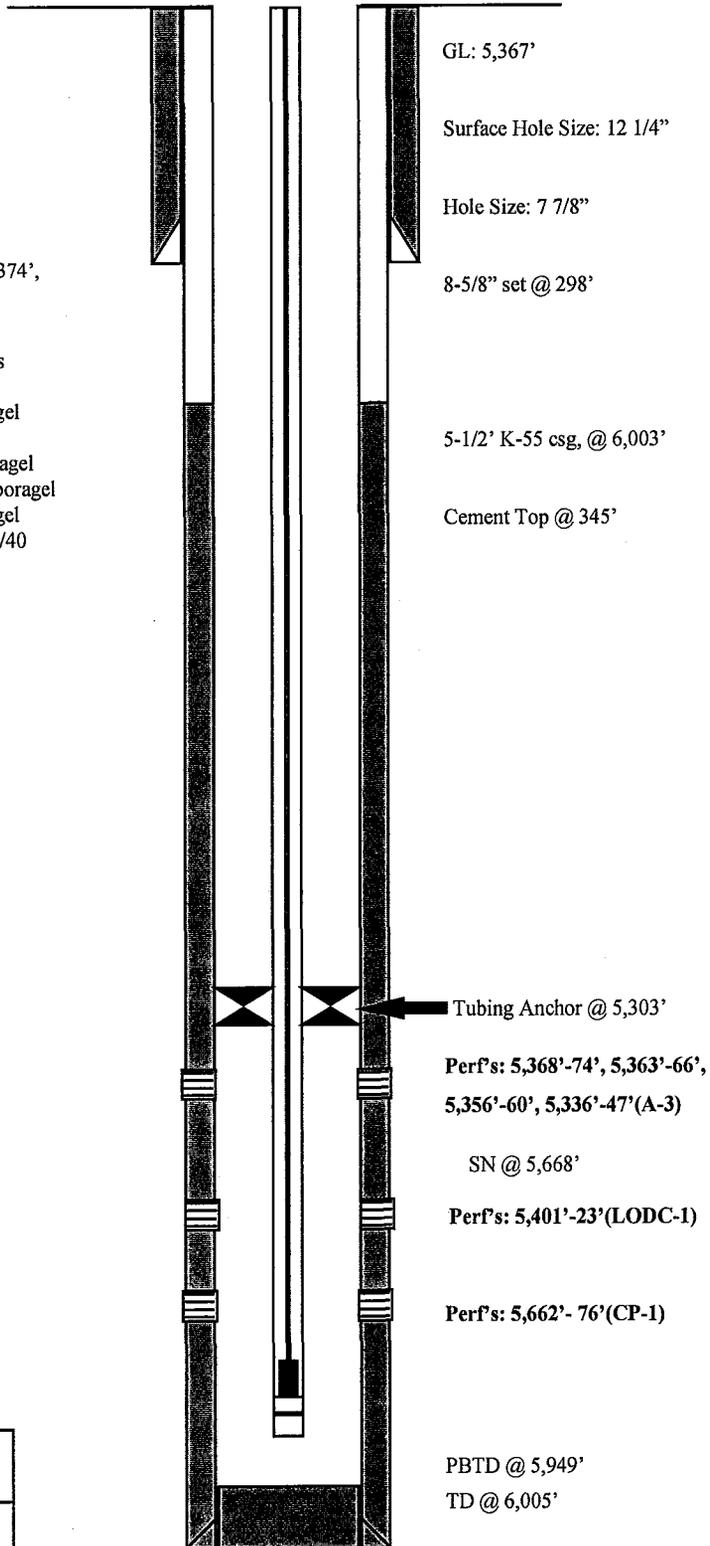
API #43-013-30582; Lease #U-020252-A

Monument Butte State #14-36

Wellbore Diagram

Well History:

6-1-95	Spud Well
6-22-95	Perf: 5,662'-5,676'
6-23-95	Frac CP-1 zone as follows: 15,200# 20/40 sd 25,225 total fluid
6-25-95	Perf: 5,401'-5,423', 5,368'-5,374', 5,363'-5,366', 5,356'-5,360', 5,336'-5,347'
6-27-95	Frac LODC-1 and A-3 zone as follows: Prepad 26,000 gal 30# linear gel pad 4,000 gal boragel 6# 20/40 sd w/ 58,732 gal boragel 8 PPG 20/40 sd w. 6,568 gal boragel flush w/ 5,791 gal 10# linear gel Total sd pumped 225,000# 20/40 Total gal 101,091



	Inland Resources Inc.
	Monument Butte State #14-36
	739 FSL 2320 FWL
	SESW Section 36-T8S-R16E
	Duchesne Co, Utah
	API #43-013-31508; Lease #ML-22061

Monument Butte State #15-36

Spud Date: 8/25/95
 Put on Prod: 11/10/95
 GL: 5353'; KB 5365'

IP: 40 BOPD; 25 MCFD;
 50 BWPD

Proposed Injector
 Wellbore Diagram

SURFACE CASING:

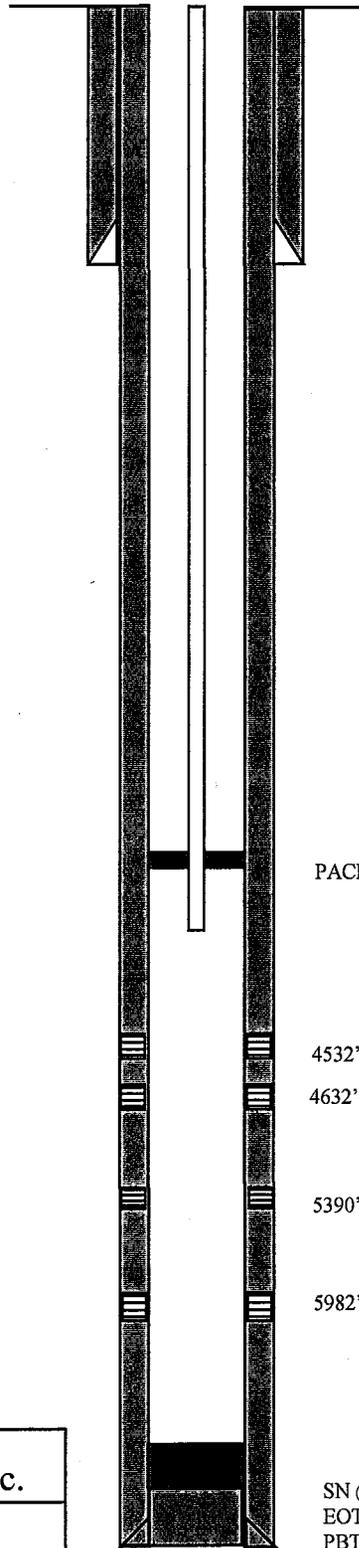
8-5/8", 24#, set at 310'.
 Hole size: 12-1/4"

Cement Data: 120 sx Premium w/2%
 CaCl and 1/4#/sk flocele.

PRODUCTION CASING:

5-1/2", 15.5#, set at 6143'.
 Hole Size: 7-7/8"

Cement Data: 270 sx Hifill, followed by
 345 sx Thixo with 10% Cal-seal



FRAC JOB

10-5-95	5982'-5998'	Frac CP-4 zone: 93,300# of 20/40 sand in 29,172 gals fluid. Perfs broke down at 3722 psi. Treated at avg. pressure of 2100# w/avg rate of 36 BPM. ISIP-1946 psi; 5 min.-1783 psi.
10-7-95	5390'-5434'	Frac LODC-1 zone: Used 175,000# of 20/40 sand in 44,195 gals fluid. Perfs broke down at 2590 psi. Treated at avg. pressure of 1700# w/avg. rate of 36 BPM. ISIP-1800 psi; 5 min.-1727 psi.
10-8-95	4542'-4552' and 4632'-4649'	Frac PB-10 zone: 110,000# of 16/30 sand in 35,857 gals fluid. Treated at avg. pressure of 2300 psi at avg. rate of 38 BPM. ISIP-2710 psi; 5 min.-2544 psi.

PACKER AT: 4438'

4532'-4552'

4632'-4649'

5390'-5434'

5982'-5998'

PERF RECORD:

10-4-95	5982-5998'	4 SPF	64 Shots
10-6-95	5390-5434'	4 SPF	176 Shots
10-8-95	4532-4552'	4 SPF	40 Shots
10-8-95	4632-4649'	4 SPF	68 Shots

SN @ 5931'
 EOT @ 6030'
 PBD @ 6111'
 TD @ 6150'



Inland Resources Inc.

Monument Butte State #15-36

773 FSL 2127 FEL

SWSE Section 36-T8S-R16E

Duchesne Co, Utah

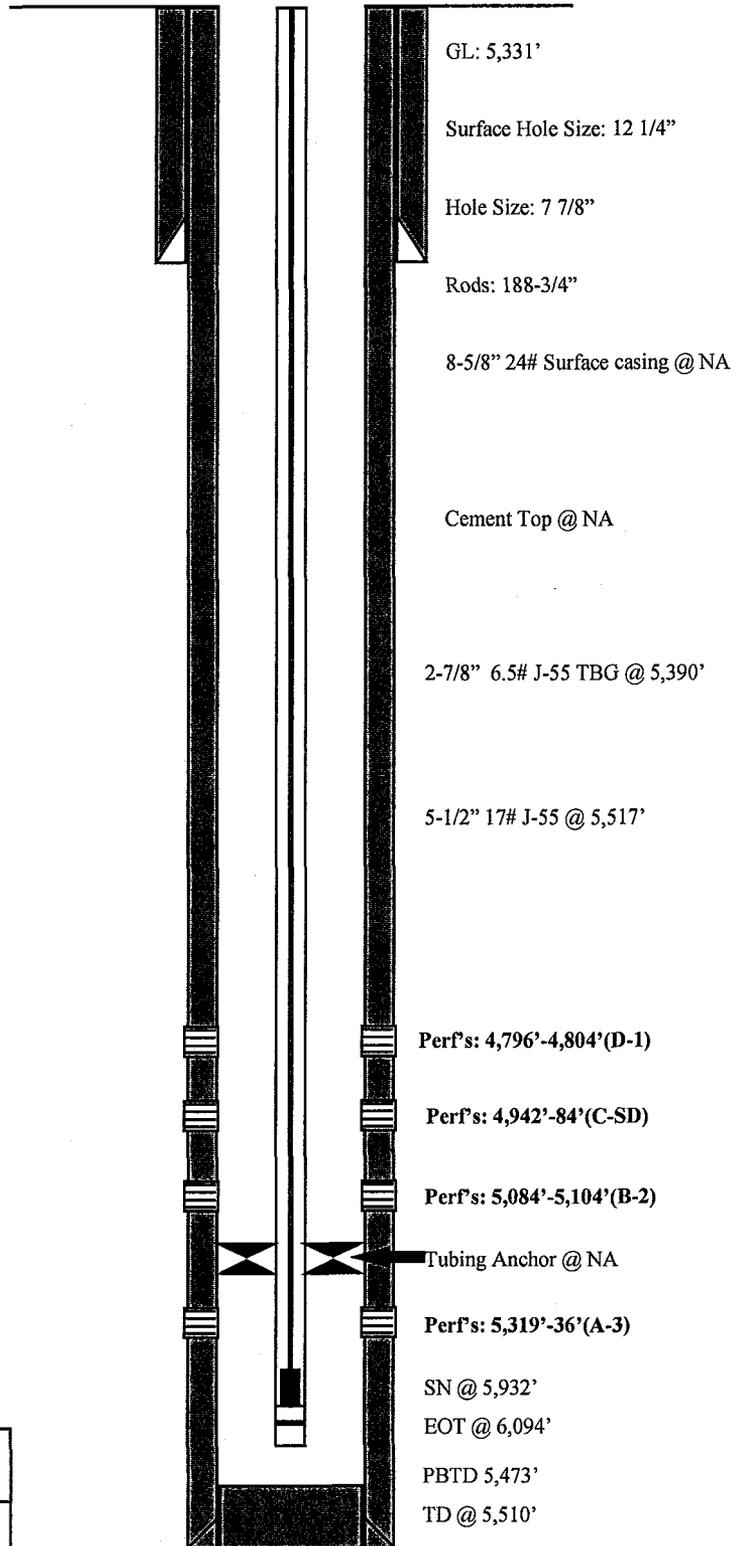
API #43-013-31544; Lease #U-22061

Monument Butte State #16-36R

Wellbore Diagram

Well History:

8-12-95	Spud Well
8-30-95	Perf: 5,319'-5,336'
8-31-95	Frac A-3 zone as follows: Totals 33,000 gals Boragel 113,155# 20/40 sd 24,000# 16/30 sd Max TP 3,820 @ 38.9 BPM Avg TP 2,000 @ 30 BPM ISIP 2,059, after 5 min 1,981
9-1-95	Perf: 5,084'-5,104'
9-2-95	Frac B-2 zone as follows: Totals 18,100 gals Boragel 95,000# 16/30 sd
9-5-95	Perf: 4,942'-4,984'
9-6-95	Frac C zone as follows: Totals 23,363 gals Boragel 129,000# 16/30 sd
9-7-95	Perf: 4,796'-4,804'
9-8-95	Frac D-1 zone as follows: Totals 12,106 gals Boragel 18,400# 16/30 sd



	Inland Resources Inc.
	Monument Butte State #16-36R 810 FEL 690 FSL SESE Section 36-T8S-R16E Duchesne Co, Utah API #43-013-10159; Lease #ML-22061

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

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

Attachment F-1

WATER ANALYSIS REPORT

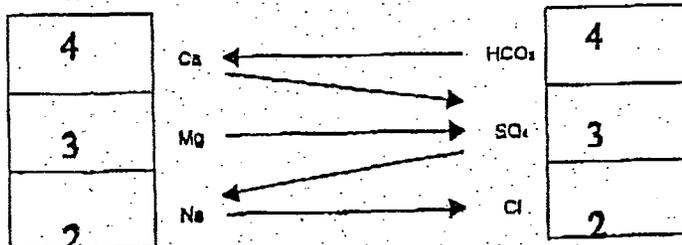
Company INLAND PRODUCTION Address _____ Date 1-27-00

Source JOHNSON Date Sampled 1-26-00 Analysis No. _____

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

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values

CaCO₃
CaSO₄ · 2H₂O
MgCO₃

Distilled Water 20°C

13 Mg/l
2,090 Mg/l
103 Mg/l

Compound	Equly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	11.04	<u>4</u>			<u>324</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19	<u>3</u>			<u>181</u>
MgCl ₂	47.62				
NaHCO ₃	64.00				
Na ₂ SO ₄	71.03				
NaCl	58.46	<u>2</u>			<u>117</u>

REMARKS _____

Analytical Laboratory Report for:
Inland Production



BJ Unichem
Chemical Services

UNICHEM Representative: Rick Crosby

Production Water Analysis

Listed below please find water analysis report from: Jonah, 2-1-9-16

Lab Test No: 2001402671 Sample Date: 11/08/2001
 Specific Gravity: 1.006
 TDS: 7173
 pH: 9.10

Cations:	mg/L	as:
Calcium	16	(Ca ⁺⁺)
Magnesium	40	(Mg ⁺⁺)
Sodium	2599	(Na ⁺)
Iron	2.50	(Fe ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	976	(HCO ₃ ⁻)
Sulfate	0	(SO ₄ ⁻)
Chloride	3540	(Cl ⁻)
Gases:		
Carbon Dioxide		(CO ₂)
Hydrogen Sulfide	2	(H ₂ S)

Comments:

DownHole SAT(tm)
MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Johnson Water

2) Jonah 2-1-9-16

Report Date: 11-13-2001

SATURATION LEVEL

Calcite (CaCO3)	26.67
Aragonite (CaCO3)	22.59
Witherite (BaCO3)	0.00
Anhydrite (CaSO4)	0.00240
Gypsum (CaSO4*2H2O)	0.00293
Barite (BaSO4)	0.00
Hydroxyapatite	0.00
Iron hydroxide (Fe(OH)3)	4122
Iron sulfide (FeS)	0.00

MOMENTARY EXCESS (Lbs/1000 Barrels)

Calcite (CaCO3)	15.62
Aragonite (CaCO3)	15.44
Witherite (BaCO3)	-0.994
Anhydrite (CaSO4)	-458.98
Gypsum (CaSO4*2H2O)	-466.16
Barite (BaSO4)	-0.241
Hydroxyapatite	-230.22
Iron hydroxide (Fe(OH)3)	< 0.001
Iron sulfide (FeS)	-0.0184

SIMPLE INDICES

Langelier	1.77
Stiff Davis Index	1.68

BOUND IONS

	TOTAL	FREE
Calcium	30.04	19.18
Barium	0.00	0.00
Carbonate	160.62	64.78
Phosphate	0.00	0.00
Sulfate	55.00	49.78

OPERATING CONDITIONS

Temperature (°F)	100.00
Time (mins)	3.00

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

Attachment "G"

**Federal #2-1-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4026	4348	4187		0.43	-9
4954	5140	5047		0.43	-11
				Minimum	<u>-11</u> ←
					1800 psi

No pressures were reported.

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.

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

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

- 4/06/82 Move in Gomache rig & started R/U for completion.
- 4/07/82 Finish R/U. RIH w/bit & scraper to PBD @ 5707' & pressure tested casing to 3000#. Pull up to 5200' w/tubing. Circ casing w/120 Bbls KCl & clay stabilizer. Presently running CBL.
- 4/08/82 R/U Gearhart to run CBL. Pressure casing to 1200# to run CBL. Ran CBL. Bottom section of producing zone - poor cement job. Presently preparing to squeeze.
- 4/09/82 Presently preparing to perf.
REMARKS: R/U Wireline. TIH & perf CBL interval 5204-06 w/4 shots. TOOH. TIH w/Baker cmt retainer. Set @ 5190'. TOOH. P/U stinger & TIH w/tbg. stung into retainer. Tested annulus to 1000 psi. R/U Halliburton. Attempt to establish rate & pressure - 2500 psi less than 1/8 BPM. TOOH w/stinger. R/U Wireline. TIH & perf CBL interval 4944-46 w/4 shots. TOOH. Pump down csg to establish rate & pressure. Shut well in for night.
- 4/10/82 Presently SI after frac.
REMARKS: R/U Wireline. TIH. Perf FDC-CNL intervals 4954-59, 5075, 5077, 5085-90, 5137, 5140 using 4" gun & 16 shots/1 SPF. TOOH. R/U Western. Pumped 3000 gal 7 1/2% spearhead acid. Dropped 24 ball sealers (Too fast) slowed rate to 10 BPM when acid reached perfs. Bailed out w/20 Bbls acid behind perfs. Serged balls off. Finish acid displacement & proceed w/frac as follows:
8000 gal pad
4500 gal 1 ppg 20/40 sd
4500 gal 2 ppg 20/40 sd
4500 gal 3 ppg 20/40 sd
5000 gal 4 ppg 20/40 sd
5000 gal 5 ppg 10/20 sd
Flush w/118 Bbls KCl & 1 gal/thous clay
stal
- R/D Western & R/U Wireline. TIH & started to detect RA sand @ approx 4000'. Tag bridge @ 4898'. did not attempt to break thru. TOOH. R/D Wireline. Shut well in for night.
- 4/11/82 Presently flow test.
REMARKS: 21 hr. SICP - 500 psi. Open well to tank thru 16/64 choke @ 8:00 A.M. 5 min. FTP - 250, 15 min FTP - 150, 30 min FTP - 90, 1 hr FTP - 0-25 serging. Flow rate 7 BPH @ 3 hrs open. Open to full choke @ 10 A.M. Flow rate 3 BPH @ 5 hrs open. Recovered 46 BLW w/trace of oil. TIH w/notched collar. Bridge @ 3481'. Circ out sand to 3639' & fell free. TIH to 4600' & tag bridge. Pull tbg to stands above sand. Flowing approx 10 BPH out annulus. Flow thru tbg to test tank overnight.
- 4/12/82 Presently flow test.
REMARKS: 15 hr. recovery - 25 BLW w/trace of oil. Well flowing intermittently. Left well flowing to tank.
- 4/13/82 Presently swabbing.
REMARKS: SICP - 50 psi. GIH w/notched collar & tag bridge @ 4590'. Wash 5'. TIH to bridge @ 4842 & wash to 5190'. Made 6 swab runs - fluid recovery undetermined.

- 4/14/82 Presently swabbing. PBD: 5190'
REMARKS: 14 hr. SITP - 500 psi. SICP - not recorded. Flow to tank 1 hr 15 min.
Recovered approx 6 BNO. R/U to swab. IFL @ 500', FFL @ 4850'. Made 15 swab
runs. Est. recovery - 74 BLW, 49 BNO. Fluid influx on final 3 runs - approx 4 BPH
(40-50% oil). 709 BLW to recover. Shut well in for night.
- 4/15/82 Presently preparing to TOOH. PBD: 5190'
REMARKS: 14 hr. SITP - 425 psi, SICP - 550. Blew well down in 5 min - no fluid.
R/U to swab. IFL @ 500', FFL @ 4850. Made 10 runs. Estimated recovery - 10 BLW,
58 BNO. Fluid influx approx 4 BPH. 100% oil on final 5 runs. 699 BLW left to
recover. Shut well in for night.
- 4/16/82 Presently preparing to frac.
REMARKS: Blew well down. TOOH w/tubing. P/U Baker Model "C" retr. BP & TIH.
Set BP @ 4625'. R/U Wireline. TIH w/dump bailer & BP w/1 sack sand. TOOH.
TIH to perforate. MR. TOOH to repair gun. TIH & perforate FDC-CNL interval -
4026-38 (7 shots), 4070, 4072, 4344, 4346, 4348 w/4" HSC csg gun. 12 shots total.
TOOH. SWIFN.
- 4/17/82 Presently SI after frac.
REMARKS: R/U Western. Pumped 3000 gal 7 1/2% sphd @ 1200 psi & 8-10 BPM. Dropped
20 balls 1st 60 Bbls spaced evenly. Good ball action but didn't ball off. Serge
balls off perfs & proceed w/frac as follows:
8000 gal pad
4500 gal w/1 ppg 20/40 sd
4500 gal w/2 ppg 20/40 sd
4500 gal w/3 ppg 20/40 sd
5000 gal w/4 ppg 20/40 sd
5000 gal w/4 ppg 10/20 sd
Flush w/96 Bbls 2% KCl water
R/D Western.
- 04/18/82 Presently flow back after frac.
REMARKS: 22 hr. SICP - 600 psi. Flow well to tank thru 16/64 choke. 5 min FTP -
350, 15 min FTP - 200, 30 min FTP - 100, 1 hr FTP - 0. Total recovery @ 5:00 P.M.
- 163 BLW, trace oil. Well flowing approx 9 BPH. Left well flowing to tank over-
night.
- 04/19/82 Presently flow back after frac.
REMARKS: Well flowing approx 2 BPH @ 8:00 A.M. 15 hr. recovery - 64 BLW w/trace
of oil. Flowing 2 BPH @ 4:30 P.M.. Recovered approx 18 BLW w/trace of oil in pre-
vious 8 1/2 hrs. Total recovery - 82 BLW w/trace of oil. 643 BLW to recover. Left
well flowing to tank overnight.
- 04/20/82 Presently swabbing.
REMARKS: 14 hr. rec - 22 BLW w/trace oil. Still flowing @ 6:30 A.M. P/U retr. head
& TIH. tag sd @ 4475'. TOOH to 4000'. R/U to swab. IFL @ surface. FFL @ 4000'.
Made 23 swab runs - Rec. 285 BLW, 2 BNO. Fluid influx approx. 25 BPH. Oil cut -
1-2% on final 2 runs. 358 BLW to recover. SWIFN.
CUM. COST: \$319,484
- 04/21/82 Presently swabbing. PBD: 4620
REMARKS: 14 hr. SITP - 150, SICP - 50. Blew well down in 5 min. R/U to swab.
IFL @ 2400', FFL @ 4000'. Made 29 swab runs. Recovered 304 BLW, 20 BNO. Influx
approx 25 BPH. Oil cut incr. from 1 to 2% on 1st 15 runs to 13% on final 5 runs.
Fluid gas cut. 214 BLW to recover (corrected from original load water estimate).
CUM. COST: \$322,154

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 412' plug from 4844'-5256' with 50 sx Class "G" cement.
2. Plug #2 Set 164' plug from 4234'-4398' with 20 sx Class "G" cement.
3. Plug #3 Set 196' plug from 3926'-4122' with 25 sx Class "G" cement.
4. Plug #4 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
5. Plug #5 Set 100' plug from 188'-288' (50' on either side of casing shoe) with 15 sx Class "G" cement.
6. Plug #6 Set 50' plug from surface with 10 sx Class "G" cement.
7. Plug #7 Pump 10 sx Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 238' to surface.

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

Federal #2-1-9-16

Spud Date: 3/25/82
 Put on Production: 4/29/82
 GL: 5341' KB: 5358'

Initial Production: 6 BOPD, 0
 MCFPD, 62 BWPD

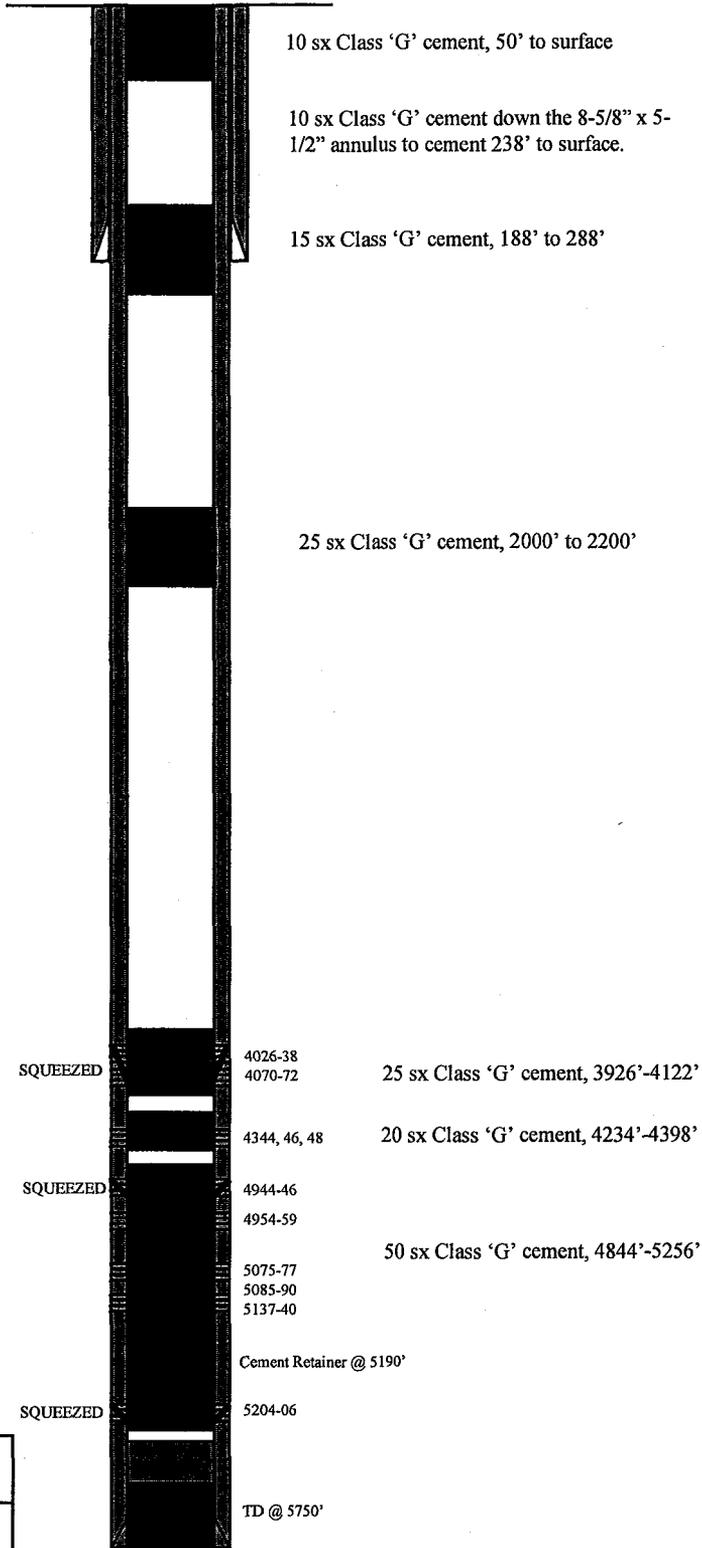
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 221'
 DEPTH LANDED: 238' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class G

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5775'
 DEPTH LANDED: 5774' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 670 sk 50/50 Poz
 CEMENT TOP AT: 2744'



	Inland Resources Inc.
	Federal #2-1
	784' FNL 812' FEL
	NENE Section 1-T9S-R16E
	Duchesne Co, Utah
API #43-013-30603; Lease #UTU-33992	

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

---ooOoo---

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

---ooOoo---

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

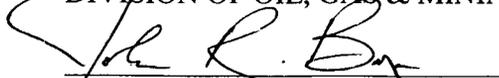
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Beluga 9-18-9-17 well, located in Section 18, Township 9 South, Range 17 East;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

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

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

Dated this 12th day of December, 2001.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



John R. Baza
Associate Director

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

Publication Notices were sent to the following:

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

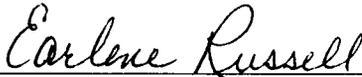
Via Facsimile (435) 722-4140
Uintah Basin Standard
268 S 200 E
Roosevelt, UT 84066-3109

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

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

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

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

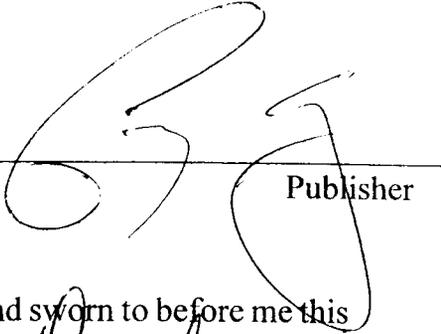


Earlene Russell
Executive Secretary
December 13, 2001

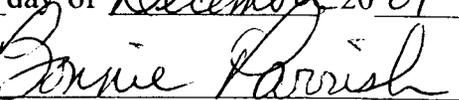
DAVIT OF PUBLICATION

y of Duchesne,
OF UTAH

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



Publisher

Subscribed and sworn to before me this 18 day of December, 2001


Notary Public

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

NOTICE OF AGENCY ACTION CAUSE NO. UIC 283

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

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

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

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

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scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 12th day of December, 2001.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
John R. Baza
Associate Director
Published in the Uintah Basin Standard December 18, 2001.

ORIGINAL

FORM 9

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.

1. Type of Well: OIL GAS OTHER: Injection Well

2. Name of Operator: Phillips Petroleum Company

3. Address and Telephone Number: 6825 South 5300 West, P.O. Box 851, Price, Utah 84501 (435) 613-9777

4. Location of Well Footages: 1060' FNL, 1487' FWL
QQ, Sec., T., R., M.: SE/NW, Sec 32, T14S, R09E, SLB & M

5. Lease Designation and Serial Number:

ML - 39915

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

UTU67921X Drunkards Wash

8. Well Name and Number:

UTAH D9

9. API Well Number:

43-007-30438

10. Field or Pool, or Wildcat:

Drunkards Wash

County: Carbon County

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 _____
- Approximate date work will start _____
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

SUBSEQUENT REPORT
(Submit Original Form Only)

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

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.)

On November 17, 2000, there was a Sundry submitted regarding the Date of First Injection for the Utah D9, after which it was determined that there wasn't enough resources to turn the injection well on. Please be advised that the actual Date of First Injection was March 3, 2001.

RECEIVED

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

13.

Name & Signature: Rochelle Crabtree

Title: Administrative Assistant

Date: 01/17/02

(This space for state use only)



March 13, 2002

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

RE: Permit Application for Water Injection Well
Federal #2-1-9-16
Monument Butte Field, Jonah Unit, Lease #UTU-33992
Section 1-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Inland Production Company has requested approval to convert the Federal #2-1-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Jonah Unit.

Enclosed please find an amended Proposed P & A wellbore diagram, and Attachment H (Work Procedure for Plugging and Abandonment). If you have any further questions, please call me at (303) 893-0102.

Sincerely,

Joyce I. McGough
Regulatory Specialist

Enclosures

RECEIVED

MAR 13 2002

DIVISION OF
OIL, GAS AND MINING

Federal #2-1-9-16

Spud Date: 3/25/82
 Put on Production: 4/29/82
 GL: 5341' KB: 5358'

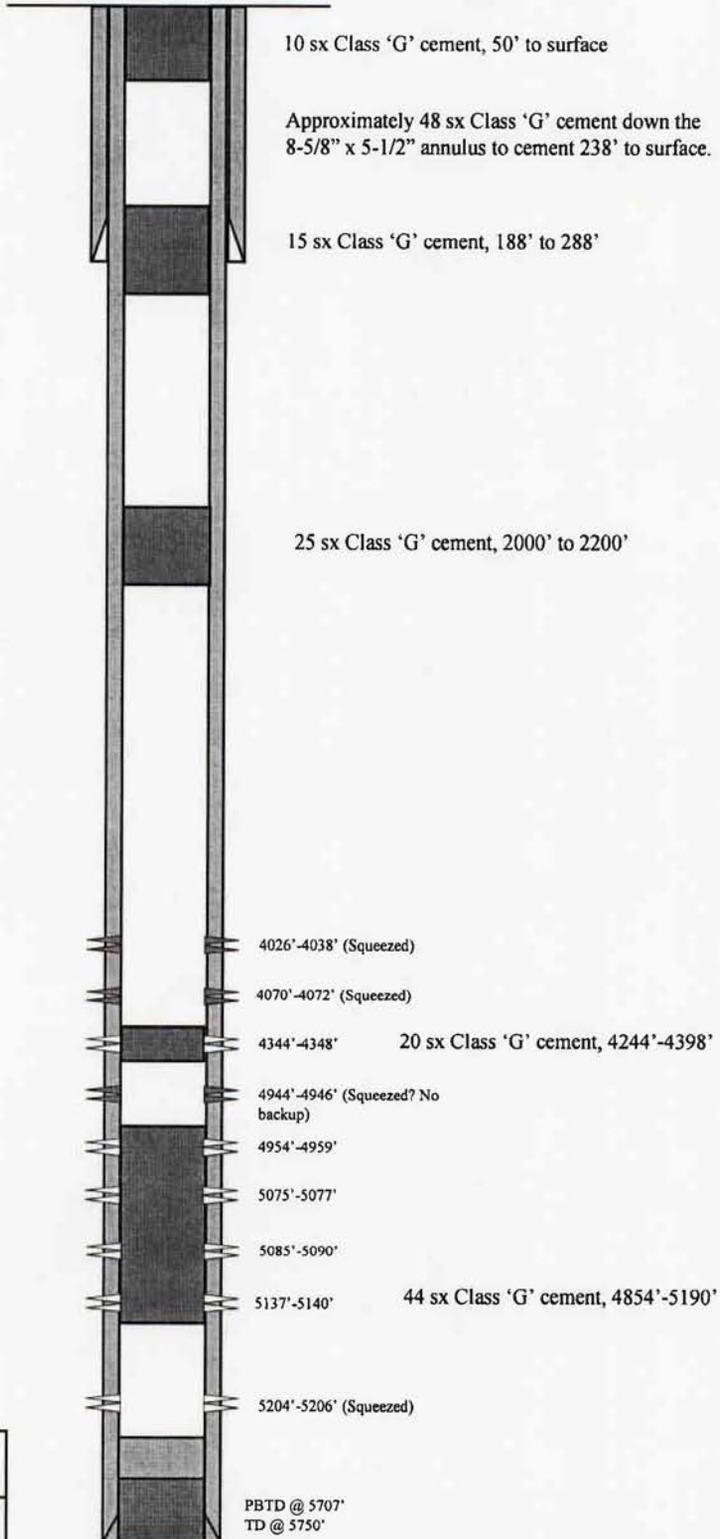
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 221'
 DEPTH LANDED: 238' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class G

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5775'
 DEPTH LANDED: 5774' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 670 sk 50/50 Poz
 CEMENT TOP AT: 2744'



	Inland Resources Inc.
	Federal #2-1-9-16 784' FNL & 812' FEL NENE Section 1-T9S-R16E Duchesne Co, Utah API #43-013-30603; Lease #UTU-33992

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 336' plug from 4844'-5190' with 44 sx Class "G" cement.
2. Plug #2 Set 154' plug from 4244'-4398' with 20 sx Class "G" cement.
3. Plug #3 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. Plug #4 Set 100' plug from 188'-288' (50' on either side of casing shoe) with 15 sx Class "G" cement.
5. Plug #5 Set 50' plug from surface with 10 sx Class "G" cement.
6. Plug #6 Pump 48 sx Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 238' to surface.

The approximate cost to plug and abandon this well is \$33,025.



March 13, 2002

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

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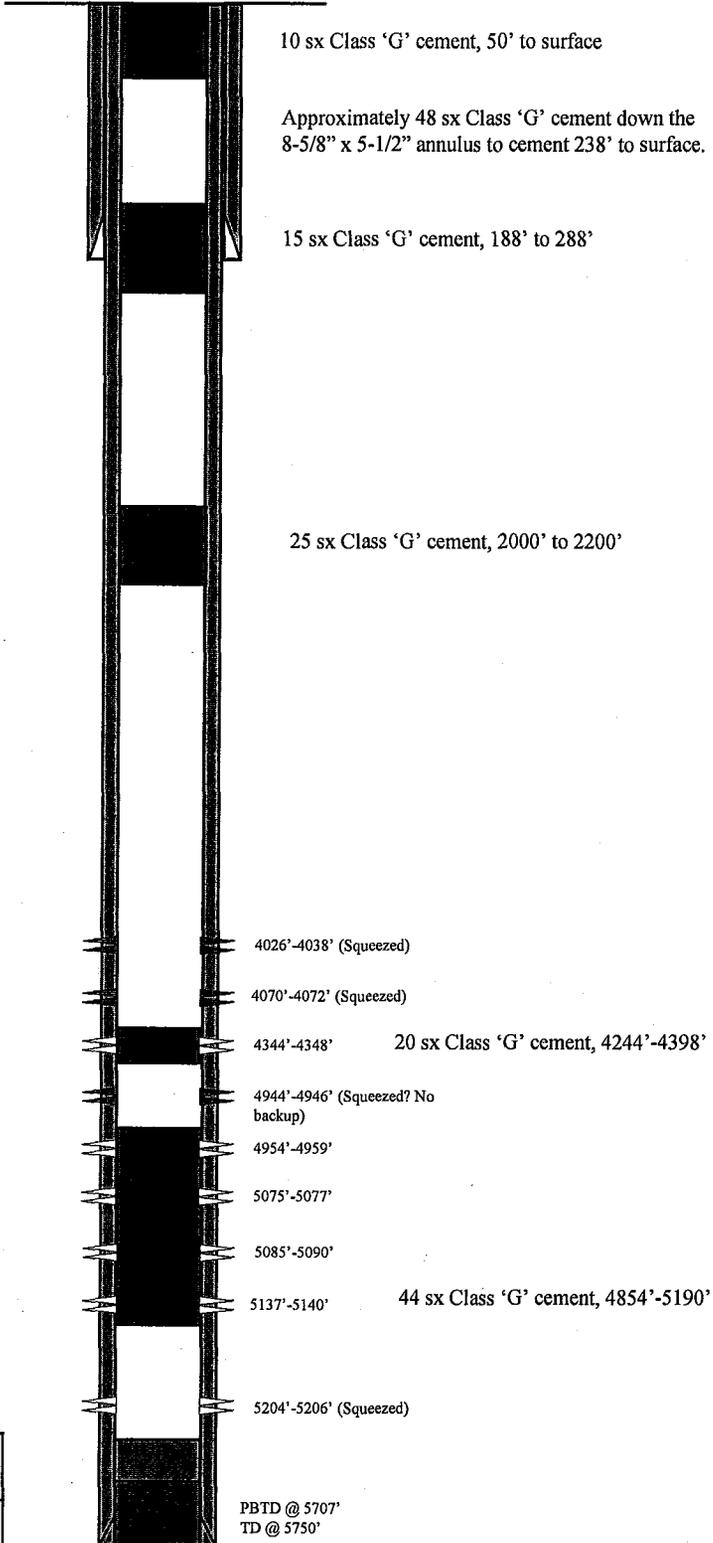
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PERF STIP

RAM

2-1-9-16

1-30603

The well is located in the administered by the BLM and SITLA are the mineral 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 Jonah 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 238 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5774'. A cement bond log demonstrates adequate bond in this well up to 2774 feet. A 2 7/8 inch tubing with a packer will be set at 3962. A mechanical integrity test will be run on the well prior to injection. There are 6 producing wells and 3 injection wells in the area of review. All of the wells have evidence of 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 360 feet. Injection shall be limited to the interval between 3764 feet and 5206 feet in the Green River Formation. All of these perforations will not be opened initially. Each time that new perforations are added and the packer is moved or disturbed an MIT shall be run to provide evidence of mechanical integrity. Information submitted by Inland indicates that the fracture gradient for the 2-1-9-16 well is .43 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is -11 psig. The requested maximum pressure is 1800 psig. This requested maximum pressure is in line with those previously seen in this area. 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.

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company **Well:** Federal 2-1-9-16

Location: 1/9S/16E **API:** 43-013-30603

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

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Federal 2-1-9-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Jonah Unit July 16, 1993 . Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

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

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

Reviewer(s): Brad Hill

Date 06/13/2002



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

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

June 13, 2002

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

Re: Jonah Unit Well: Federal 2-1-9-16, Section 1, Township 9 South, Range 16 East,
Duchesne County, Utah

Gentlemen:

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

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

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill at (801) 538-5315 or Dan Jarvis at (801) 538-5338.

Sincerely,

John R. Baza
Associate Director

er

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



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

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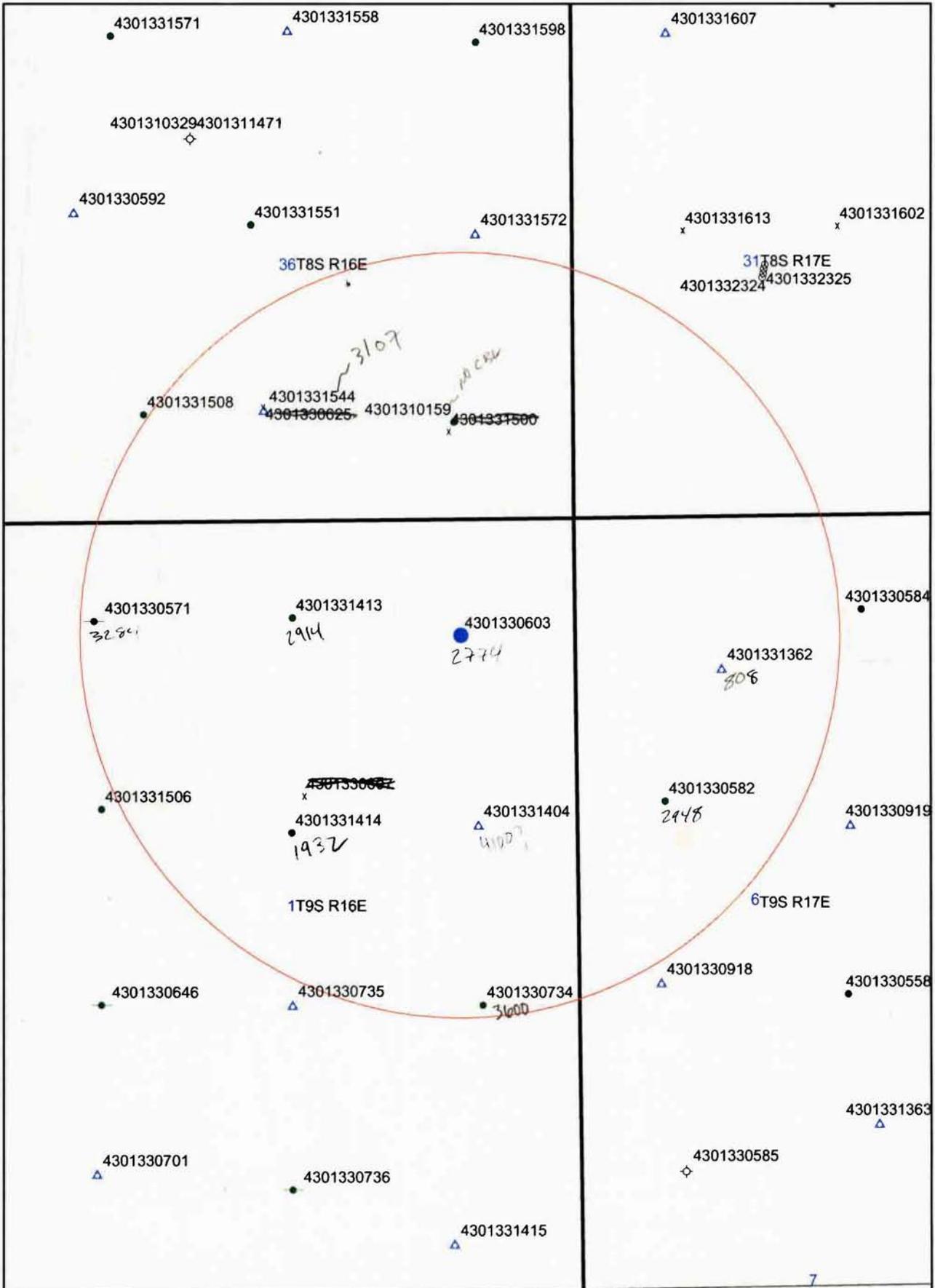
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SITLA, Salt Lake City

Federal 2-1-9-16



DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company **Well:** Federal 2-1-9-16

Location: 1/9S/16E **API:** 43-013-30603

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Federal 2-1-9-16
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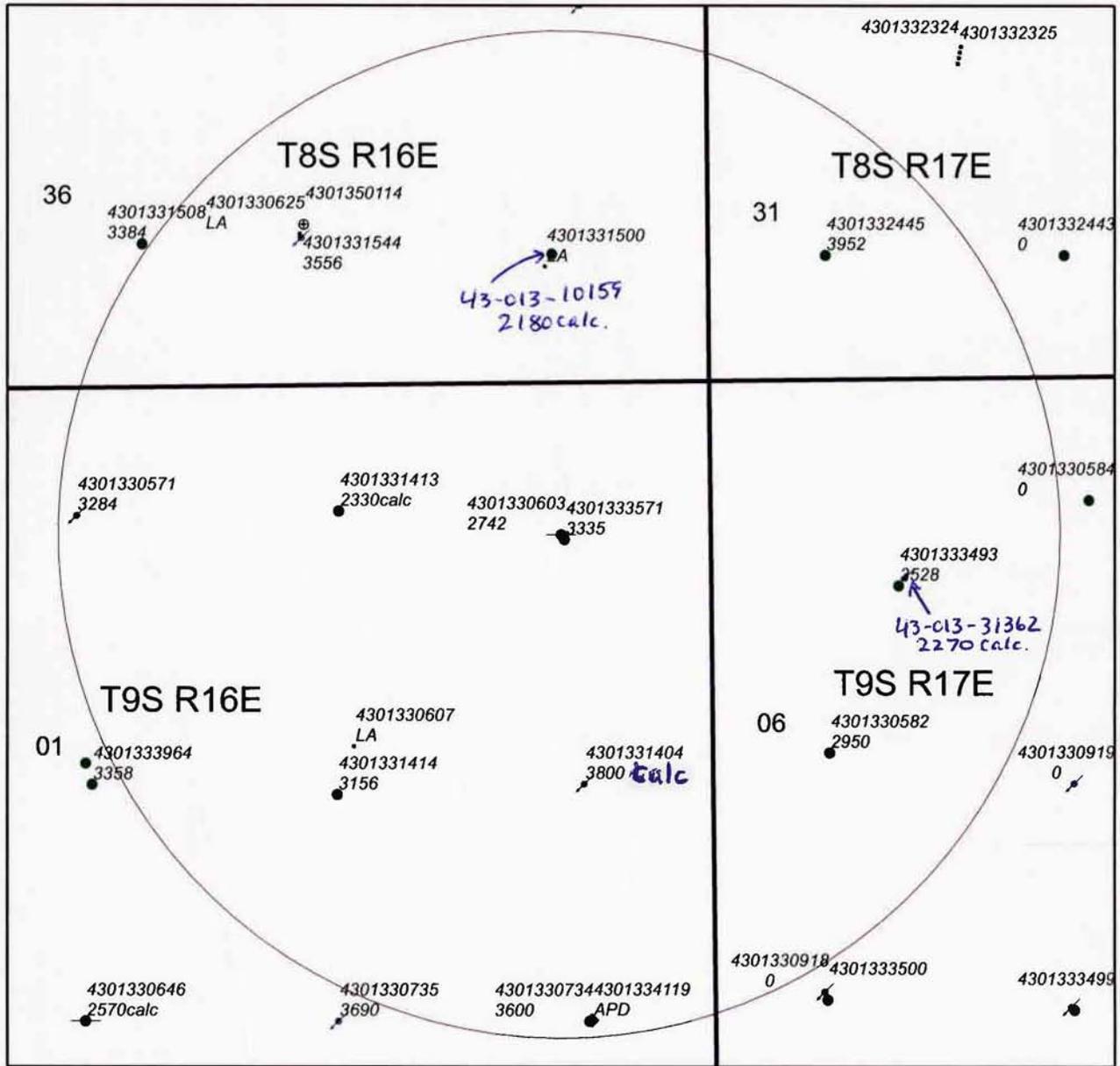
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cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton
SITLA, Salt Lake City



FEDERAL 2-1-9-16
API #43-013-30603
UIC-283.3

Legend

OGM Database View Events

✕ <all other values>

Status

◆ APD - Approved Permit

⊙ DRL - Spudded (Drilling Commenced)

⊕ GIW - Gas Injection

⊛ GS - Gas Storage

⊖ LA - Location Abandoned

⊕ LOC - New Location

⊖ OPS - Operation Suspended

⊖ PA - Plugged Abandoned

⊕ PGW - Producing Gas Well

● POW - Producing Oil Well

⊖ RET - Returned APD

⊖ SGW - Shut-in Gas Well

⊖ SOW - Shut-in Oil Well

⊖ TA - Temp Abandoned

○ TW - Test Well

⊖ WDW - Water Disposal

⊖ WIW - Water Injection Well

● WSW - Water Supply Well



1870calc = approx cement top calculated from well completion report

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

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

9/1/2004

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

CA No.

Unit:

JONAH (GREEN RIVER)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 2-1	01	090S	160E	4301330603	11492	Federal	OW	P
GOATES FED 1	11	090S	160E	4301315789	11492	Federal	OW	P
MONUMENT FED 13-11J	11	090S	160E	4301315790	11492	Federal	OW	S
WALTON FED 1	11	090S	160E	4301315792	11492	Federal	OW	P
WALTON FED 4	11	090S	160E	4301315795	11492	Federal	OW	P
MONUMENT FED 42-11J	11	090S	160E	4301330066	11492	Federal	OW	P
C&O GOVT 1	12	090S	160E	4301315111	11492	Federal	OW	P
C&O GOVT 2	12	090S	160E	4301315112	11492	Federal	OW	P
MONUMENT FED 22-12J	12	090S	160E	4301315796	11492	Federal	OW	P
GOATES FED 3	14	090S	160E	4301315791	11492	Federal	OW	P
WALTON FED 2	14	090S	160E	4301315793	11492	Federal	OW	P
ALLEN FED A-1	05	090S	170E	4301315780	11492	Federal	WI	A
ALLEN FED 1-6	06	090S	170E	4301315779	11492	Federal	WI	A
ALLEN FED 23-6	06	090S	170E	4301330558	11492	Federal	OW	P
ALLEN FED 32-6	06	090S	170E	4301330559	11492	Federal	OW	P
ALLEN FED 41-6	06	090S	170E	4301330581	11492	Federal	OW	P
ALLEN FED 12-6	06	090S	170E	4301330582	11492	Federal	OW	P
ALLEN FED 43-6	06	090S	170E	4301330583	11492	Federal	OW	P
ALLEN FED 21-6	06	090S	170E	4301330584	11492	Federal	OW	P
ALLEN FED 34-6	06	090S	170E	4301330586	11492	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 2/28/2005
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
- Bond information entered in RBDMS on: 2/28/2005
- Fee/State wells attached to bond in RBDMS on: 2/28/2005
- Injection Projects to new operator in RBDMS on: 2/28/2005
- 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
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>FED 2-1-9-16</u>	API Number: <u>43-03-30603</u>
Qtr/Qtr: <u>NE/NE</u> Section: <u>1</u>	Township: <u>S2</u> Range: <u>16E</u>
Company Name: _____	
Lease: State <u>Utah</u> Fee _____	Federal <input checked="" type="checkbox"/> Indian _____
Inspector: <u>Dennis Jorg</u>	Date: <u>5/19/10</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 0 psi
 Casing/Tubing Annulus - Pressure: 1520 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1520</u>	<u>0</u>
5	<u>1520</u>	
10	<u>1520</u>	
15	<u>1520</u>	
20	<u>1520</u>	
25	<u>1520</u>	
30	<u>1520</u>	<u>0</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 0 psi
 Casing/Tubing Annulus Pressure: 1520 psi

COMMENTS: Conversion

[Signature]
 Operator Representative



April 21, 2009

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

RE: Permit Application for Water Injection Well
Federal #2-1-9-16
Monument Butte Field, Lease #UTU-33992
Section 1-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Federal #2-1-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long horizontal line extending to the right.

Eric Sundberg
Regulatory Analyst

RECEIVED

APR 28 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #2-1-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
JONAH UNIT
LEASE #UTU-33992
APRIL 21, 2009

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Federal #2-1-9-16
Field or Unit name: Monument Butte (Green River), Jonah Unit Lease No. UTU-33992
Well Location: QQ NE/NE section 1 township 9S range 16E county Duchesne

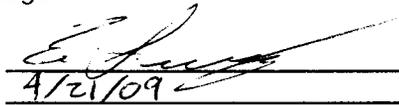
Is this application for expansion of an existing project? Yes [X] No []
Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
Disposal? Yes [] No [X]
Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]
If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]
Date of test: _____
API number: 43-013-30603

Proposed injection interval: from 4086 to 5606
Proposed maximum injection: rate 500 bpd pressure 1618 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

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

List of Attachments: Attachments "A" through "H-1"

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

Name: Eric Sundberg Signature 
Title Regulatory Analyst Date 4/21/09
Phone No. (303) 893-0102

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

Comments:

Federal #2-1-9-16

Spud Date: 3/25/82

Put on Production: 4/29/82
GL: 5341' KB: 5358'

Initial Production: 26 BOPD, 0
MCFPD, 62 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 221'
DEPTH LANDED: 238' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class G

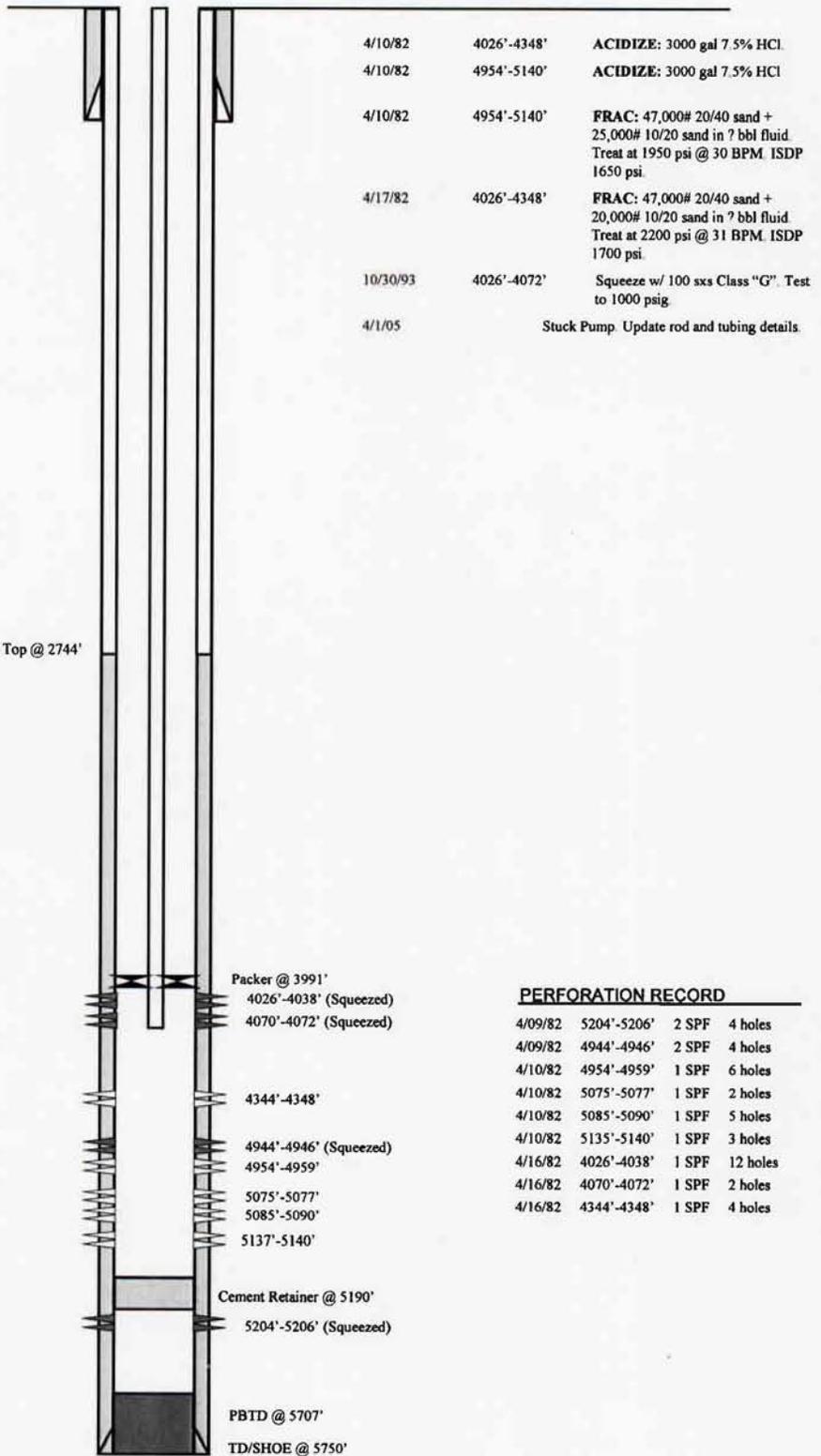
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5775'
DEPTH LANDED: 5774' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 670 sk 50/50 Poz
CEMENT TOP AT: 2744'

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/J-55
NO. OF JOINTS: 135 jts. (4260.76')
TUBING ANCHOR: 4280.51'
NO. OF JOINTS: 27 jts. (852.41')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5434.02'
NO. OF JOINTS: 2 7/8"x3' Perf Sub
NO. OF JOINTS: 1 jts. (30.79')
TOTAL STRING LENGTH: EOT @ 5168.36'

Cement Top @ 2744'



PERFORATION RECORD



Federal #2-1-9-16
784' FNL & 812' FEL
NE/NE Section 1-T9S-R16E
Duchesne Co, Utah
API #43-013-30603; Lease #UTU-33992

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 and move out.

11111

**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.

Newfield Production Company
1001 17th Street, Suite 2000
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 #2-1-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 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.

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

The injection zone is in the Green River Formation. For the Federal #2-1-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4086'-5606'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3765' and the TD is at 5759'.

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

The referenced log for the Federal #2-1-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. 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.

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

See Attachment B.

- 2.9 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.

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

Newfield 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 State lease (Lease #UTU-33992) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

11

**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 Attachments 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# surface casing run to 238' KB, and 5-1/2", 15.5# casing run from surface to 5774' 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 primary type and source of fluid to be used for injection will be culinary water commingled with produced water. 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.

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 1618 psig.

2.8 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 minimum fracture gradient for the Federal #2-1-9-16, for existing perforations (4344' - 5140') calculates at 0.77 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 1618 psig. We may add additional perforations between 3765' and 5750'. See Attachments G and G-1.

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

In the Federal #2-1-9-16, the proposed injection zone (4086' - 5606') is in the Garden Gulch to Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are 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 Federal Field. Outside the Monument Butte Federal 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.

2.10 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-14.

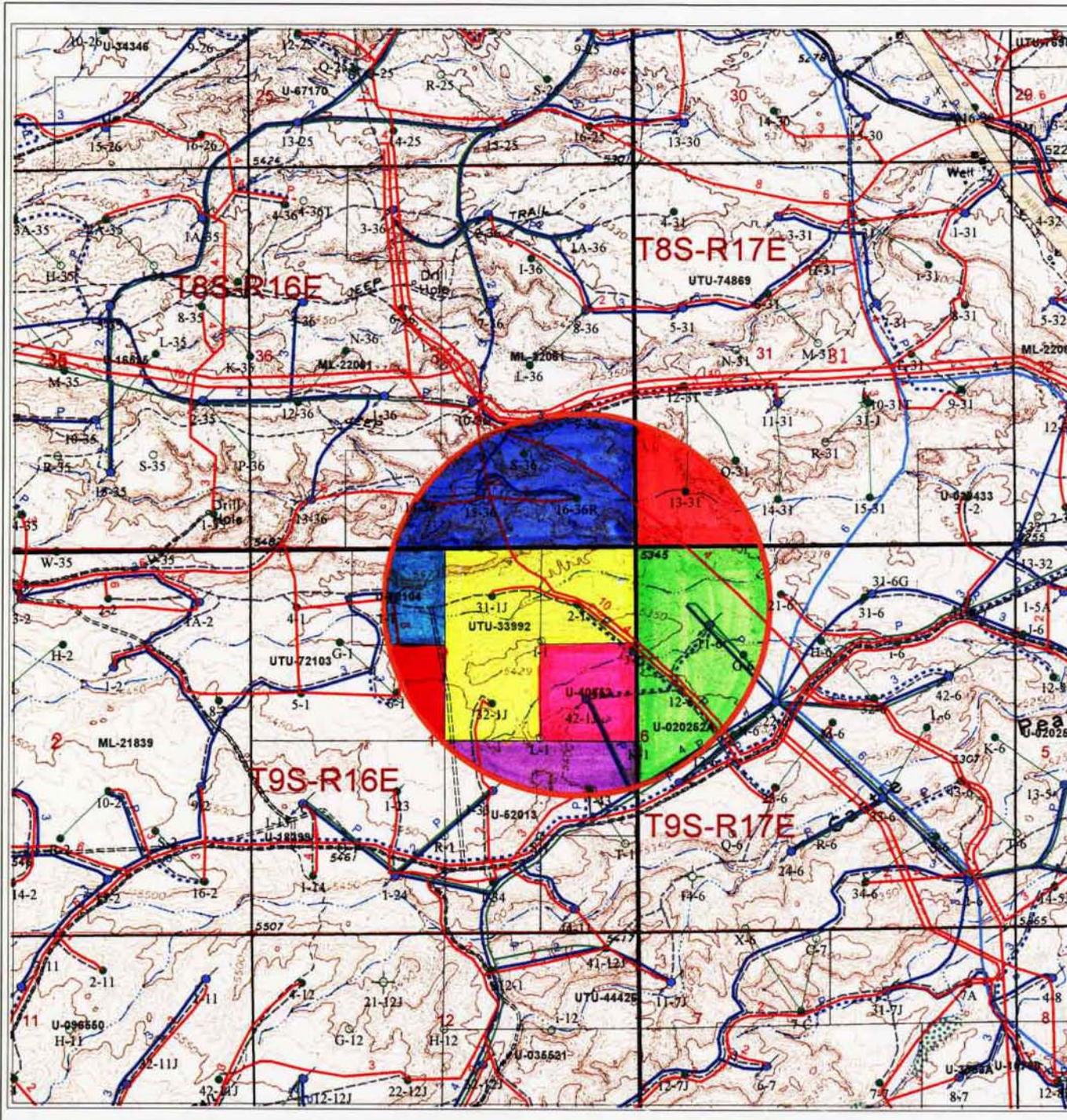
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

2.11 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.

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

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



Well Status

- Location
- ⊕ CTI
- ⊙ Surface Spud
- ⊙ Drilling
- ⊙ Waiting on Completion
- Producing Oil Well
- ⊙ Producing Gas Well
- ⊙ Water Injection Well
- ⊙ Dry Hole
- ⊙ Temporarily Abandoned
- ⊙ Plugged & Abandoned
- ⊙ Shut In

Injection system

- high pressure
- low pressure
- ⋯ proposed
- return
- ⋯ return proposed

Gas Pipelines

- Gathering lines
- ⋯ Proposed lines

Leases

- Leases
- Mining tracts
- ⊕ 2-1-9-16 1/2mile radius

- ⊕ UTU-33992
- ⊕ U-40652
- ⊕ ML-22001
- ⊕ UTU-74869
- ⊕ U-020252A
- ⊕ U-52013
- ⊕ U-72103
- ⊕ U-72104

Attachment A

Federal 2-1-9-16
Section 1, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS

1" = 2000'

1/2 Mile Radius Map
Duchesne County

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

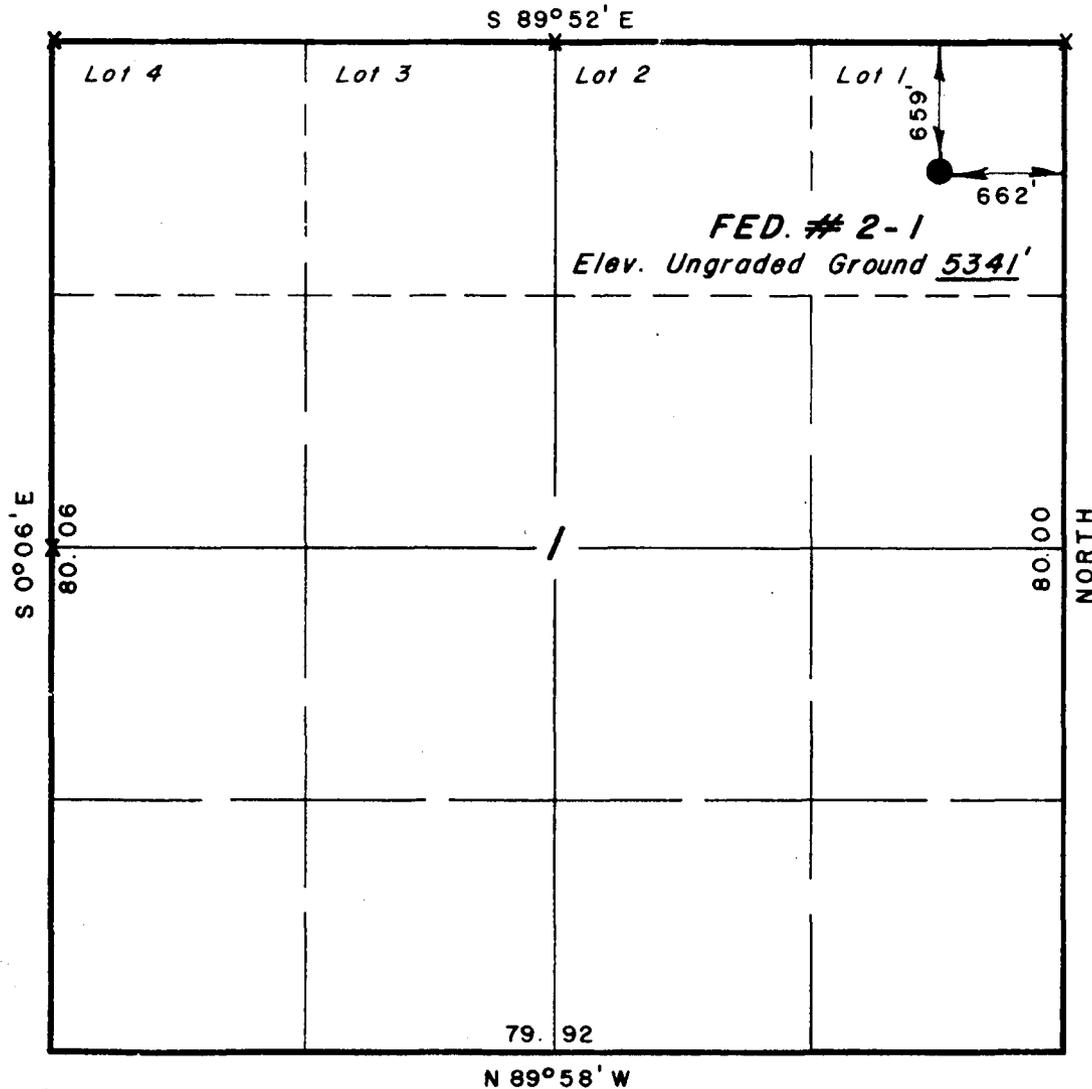
January 14, 2009

T 9 S, R 16 E, S.L.B. & M.

PROJECT
LOMAX EXPLORATION

Well location, *FED. # 2-1*,
located as shown in Lot 1, (NE 1/4
NE 1/4) Section 1, T 9 S, R 16 E,
S.L.B. & M. Duchesne County, Utah.

Attachment A-1



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.

Lawrence C. Kelly

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 7/22/81
PARTY DB, LM, KR, JH	REFERENCES GLO PLAT
WEATHER	FILE

X = Section Corners Located



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

December 10, 1981

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, UT 84104

Re: Joint Onsite Inspection
Lomax Exploration
T9S, R16E, Sec. 1 Well #2-1
T9S, R16E, Sec. 26 Well #1-26

Dear Mr. Guynn:

On December 10, 1981 a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Lomax Exploration, Ross Construction, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration".
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Top soil will be stockpiled as addressed in the applicants 13 point plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. All trash must be contained and hauled to an approved disposal site.

Attachment A-2

1 of 2

IN REPLY REFER TO

T & R
U-801

7. All permanent (onsite for six (6) months duration or longer) structures constructed or installed shall be painted a flat (non-reflective) earth-tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. This paint is available thru Republic Supply Company in Vernal, Utah. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.

8. At location #2-1, the entire location will be moved 150' west and 125' south to avoid archaeological site 42 Dc. 381.

9. At location #1-26, the pad will be rotated 180° so as to have the pit on the uphill side of the location. The pit dimensions will be changed to 75' x 175'.

An archaeological clearance has been conducted by Grand River Consultants, Inc., of the proposed drill site and proposed access road. No cultural materials were located on the surface of the surveyed areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna and their habitats.

Sincerely,



Ralph J. Heft
Area Manager
Diamond Mountain Resource Area

cc: USGS, Vernal

2-1-9-16

Revised

EXHIBIT B
Page 1 of 4

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 9 South, Range 17 East</u> Section 6: All	U-020252A HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
2.	<u>Township 9 South, Range 16 East</u> Section 1: Lot 3	U-72104 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202 King Oil & Gas of Texas, LTD. c/o Allen C. King 800 Bering Dr. Houston, TX 77057 War-Gal, LLC 17350 State Hwy 249 #140 Houston, TX 77064-1132	(Surface Rights) USA

MAY 13 2009

DEPARTMENT OF OIL, GAS & MINING

* Revised *

EXHIBIT B

Page 2 of 4

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
3.	<u>Township 9 South, Range 16 East</u> Section 1: Lot 4, S2NW	U-72103 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202 Davis Brothers Davis Resources 110 W 7 th St Suite 1000 Tulsa, OK 74119	(Surface Rights) USA
4.	<u>Township 8 South, Range 17 East</u> Section 29: Lot 1 Section 30: Lots 1-14, E2NE, E2SW, SWSE Section 31: Lots 1-5, W2E2, SENE, E2W2, NESE	UTU-74869 HBP	Newfield Production Company Newfield RMI, LLC 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA

Revised

EXHIBIT B

Page 3 of 4

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
5.	<u>Township 9 Sough, Range 16 East</u> Section 1: Lots 1,2, SWNE	U-33992 HBP	Newfield Production Company Newfield RMI, LLC 1001 17 th St. Suite 2000 Denver, CO 80202 King Oil & Gas of Texas, Inc 5005 Riverway #550 Houston, TX 77056-2123 Edward and Davis En 711 Louisiana #2660 Houston, TX 77002	(Surface Rights) USA
6.	<u>Township 9 South, Range 16 East</u> Section 1: SENE	U-40652 HBP	Newfield Production Company Newfield RMI, LLC 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA

Revised
 EXHIBIT B
 Page 4 of 4

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
7.	<u>Township 9 South, Range 16 East</u> Section 1: N2SE, SWSE	U-52013 HBP	Newfield Production Company Newfield RMI, LLC 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
8	<u>Township 8 South, Range 16 East</u> Section 36: All	ML-22061 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202 Davis Brothers LLC Davis Resources 110 West 7 th St Suite 1000 Tulsa, OK 74119	(Surface Rights) STATE

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #2-1-9-16

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: 
Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 21st day of April, 2009.

Notary Public in and for the State of Colorado: Candice L. Truittly

My Commission Expires: 2/10/2013

Federal #2-1-9-16

Spud Date: 3/25/82

Put on Production: 4/29/82
GL: 5341' KB: 5358'

Initial Production: 26 BOPD, 0
MCFPD, 62 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 221'
DEPTH LANDED: 238' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class G

PRODUCTION CASING

CSG SIZE: 5-1/2"
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LENGTH: 5775'
DEPTH LANDED: 5774' KB
HOLE SIZE: 7-7/8"
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CEMENT TOP AT: 2744'

TUBING

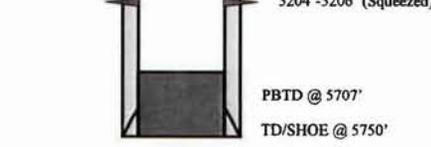
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NO. OF JOINTS: 135 jts (4260.76')
TUBING ANCHOR: 4280.51'
NO. OF JOINTS: 27 jts (852.41')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5434.02'
NO. OF JOINTS: 2 7/8"x3' Perf Sub
NO. OF JOINTS: 1 jts (30.79')
TOTAL STRING LENGTH: EOT @ 5168.36'

SUCKER RODS

POLISHED ROD: 1-1/4" x 16' polished rod.
SUCKER RODS: 2-1 1/2" WT bars; 18-3/4" scraped rods; 90-3/4" plain rods, 93-3/4" scraped rods; 1-8', 2-4', 1-2' x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/4" x 15 RHAC pump
STROKE LENGTH: 54"
PUMP SPEED, SPM: 4 SPM
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

Cement Top @ 2744'

SN @ 5134'



4/10/82	4026'-4348'	ACIDIZE: 3000 gal 7.5% HCl.
4/10/82	4954'-5140'	ACIDIZE: 3000 gal 7.5% HCl
4/10/82	4954'-5140'	FRAC: 47,000# 20/40 sand + 25,000# 10/20 sand in ? bbl fluid. Treat at 1950 psi @ 30 BPM. ISDP 1650 psi.
4/17/82	4026'-4348'	FRAC: 47,000# 20/40 sand + 20,000# 10/20 sand in ? bbl fluid. Treat at 2200 psi @ 31 BPM. ISDP 1700 psi.
10/30/93	4026'-4072'	Squeeze w/ 100 sxs Class "G". Test to 1000 psig.
4/1/05		Stuck Pump. Update rod and tubing details.

PERFORATION RECORD

4/09/82	5204'-5206'	2 SPF	4 holes
4/09/82	4944'-4946'	2 SPF	4 holes
4/10/82	4954'-4959'	1 SPF	6 holes
4/10/82	5075'-5077'	1 SPF	2 holes
4/10/82	5085'-5090'	1 SPF	5 holes
4/10/82	5135'-5140'	1 SPF	3 holes
4/16/82	4026'-4038'	1 SPF	12 holes
4/16/82	4070'-4072'	1 SPF	2 holes
4/16/82	4344'-4348'	1 SPF	4 holes



Federal #2-1-9-16
784' FNL & 812' FEL
NE/NE Section 1-T9S-R16E
Duchesne Co, Utah
API #43-013-30603; Lease #UTU-33992

Mon. Butte East S-36-8-16

Spud Date: 03/09/06
Put on Production: 04/23/06

GL: 5385' KB: 5397'

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GRADE: J-55
WEIGHT: 24#
LENGTH: 313.41
DEPTH LANDED: 313.41' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sks Class G (est 5 bbls to surface)

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts (6261.78')
DEPTH LANDED: 6275.03' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350sks Prem Lite II mixed & 475 sxs 50/50 Poz. mix
CEMENT TOP AT: 100'

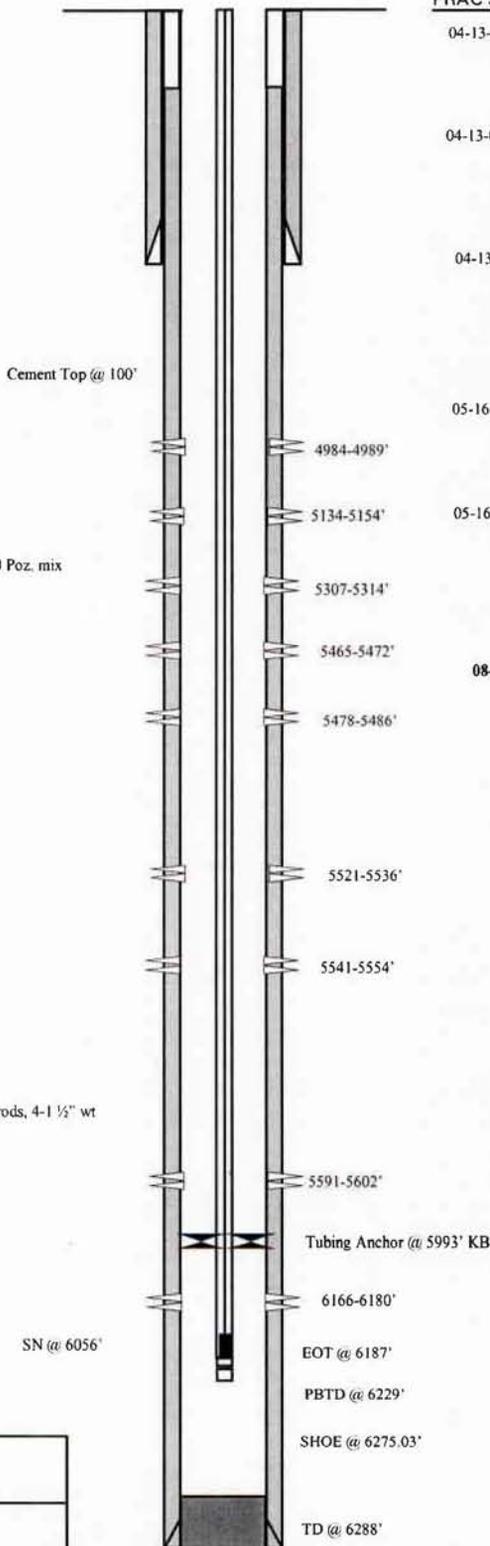
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS 194 jts (5980.65')
TUBING ANCHOR: 5992.65' KB
NO. OF JOINTS: 2 jts (60.52')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6055.97' KB
NO. OF JOINTS: 1 jts (31.10'), 3 jts (92.95)
TOTAL STRING LENGTH: EOT @ 6187.06'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1-4' x 7/8" pony subs, 237-7/8" scraped rods, 4-1 1/2" wt bars
PUMP SIZE: CDI 2 1/2" x 1-3/4" x 20' RHAC Pump
STROKE LENGTH: 102"
PUMP SPEED, 4 SPM

Wellbore Diagram



Initial Production:

FRAC JOB

04-13-06 6166-6180' **Frac CP5 sands as follows:**
44,783# 20/40 sand in 508 bbls Lighting 17 frac fluid. Treated @ avg pressure of 2555 psi w/avg rate of 25 BPM. ISIP 2280 psi. Calc flush: 6164 gal. Actual flush: 6174 gal.

04-13-06 5591-5472' **Frac LODC & A3 sands as follows:**
300,727# 20/40 sand in 1961 bbls Lighting 17 frac fluid. Treated @ avg pressure of 1993 psi w/avg rate of 40.2 BPM. ISIP 1830psi. Calc flush: 5469 gal. Actual flush 5502 gal.

04-13-06 5307-5314' **Frac B2 sands as follows:**
14,116# 20/40 sand in 297 bbls Lighting 17 frac fluid. Treated @ avg pressure of 2058 psi w/avg rate of 24.9 BPM. ISIP 1975 psi. Calc flush: 5305 gal. Actual flush 5208 gal.

05-16-06 Recompletion

05-16-06 5134-5154' **Frac C sands as follows:**
101,083# 20/40 sand in 720 bbls Lighting 17 frac fluid. Treated @ avg pressure of 2027 psi w/avg rate of 25.5 BPM. ISIP 2520 psi. Calc flush: 5131 gal. Actual flush 4662 gal.

05-16-06 4984-4989' **Frac D1 sands as follows:**
34,931# 20/40 sand in 299 bbls Lighting 17 frac fluid. Treated @ avg pressure of 3300 psi w/avg rate of 25.1 BPM. Screened out. 59 bbls left in flush.

08-21-06 **Pump Change.** Tubing & Rod detail updated.

PERFORATION RECORD

04-13-06	6166-6180'	4 JSPF	56 holes
04-13-06	5591-5602'	4 JSPF	44 holes
04-13-06	5541-5554'	4 JSPF	52 holes
04-13-06	5521-5536'	4 JSPF	60 holes
04-13-06	5478-5486'	4 JSPF	32 holes
04-13-06	5465-5472'	4 JSPF	36 holes
04-13-06	5307-5314'	4 JSPF	28 holes
05-16-06	5134-5154'	4 JSPF	80 holes
05-16-06	4984-4989'	4 JSPF	20 holes

NEWFIELD

Mon. Butte E. State S-36-8-16
1996' FSL & 685' FEL
NE/SE Section 36-T8S-R16E
Duchesne Co, Utah
API #43-013-33017; Lease # ML-22061

Monument Butte St. #14-36

Spud Date: 6/01/1995
 Put on Production: 6/29/1995
 GL: 5367' KB: 5380'

Initial Production: 162 BOPD,
 165 MCFD, 6 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (300.55')
 DEPTH LANDED: 298.01'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 DEPTH LANDED: 6006.98'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 367 sxs Hifill & 423 sxs Thixotropic.
 CEMENT TOP AT: 345' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5643.23')
 TUBING ANCHOR: 5656.23' KB
 NO. OF JOINTS: 1 jt (32.20')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5691.23' KB
 NO. OF JOINTS: 1 jt (32.29')
 TOTAL STRING LENGTH: EOT @ 5725.07' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scraper rods; 118-3/4" slick rods, 92-3/4" scraper rods, 1-4' x 3/4" pony rod.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, SPM: 4 SPM
 LOGS: DIGL/SP/GR/CAL

FRAC JOB

6/23/95 5662'-5676' **Frac CP-1 sand as follows:**
 51,200# 20/40 sand in 600 bbls frac fluid. Treated @ avg press of 2100 psi w/avg rate of 34 BPM. ISIP 1923 psi. Calc. flush: 5662 gal. Actual flush: 5602 gal.

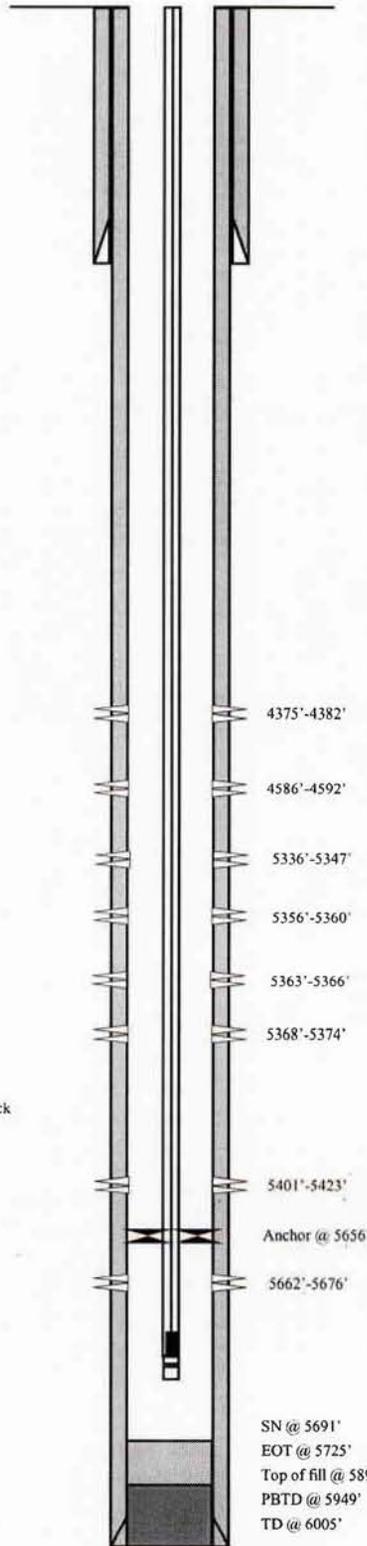
6/28/95 5336'-5423' **Frac LODC & A sands as follows:**
 225,000# 20/40 sand in 2406 bbls frac fluid. Calc. flush: 5336 gal. Actual flush: 5791 gal.

6/26/02 4586'-4592' **Frac PB11 sands as follows:**
 20,138# 20/40 sand in 238 bbls Viking I-25 frac fluid. Treated @ avg press of 3330 psi w/avg rate of 25.8BPM. ISIP 2460 psi. Calc. flush: 4586 gal. Actual flush: 4515 gal.

6/26/02 4375'-4382' **Frac GB6 sands as follows:**
 40,745# 20/40 sand in 274 bbls Viking I-25 frac fluid. Treated @ avg press of 2350 psi w/avg rate of 25.2 BPM. Screened out w/ 21,727# sand in formation, 19,018# sand in casing. Calc. flush: 4375 gal. Actual flush: 546 gal.

PERFORATION RECORD

6/22/95	5662'-5676'	4 JSPF	24 holes
6/24/95	5401'-5423'	4 JSPF	88 holes
6/24/95	5336'-5347'	4 JSPF	44 holes
6/24/95	5356'-5360'	4 JSPF	16 holes
6/24/95	5363'-5366'	4 JSPF	12 holes
6/24/95	5368'-5374'	4 JSPF	24 holes
6/26/02	4586'-4592'	4 JSPF	24 holes
6/26/02	4375'-4382'	4 JSPF	28 holes



Monument Butte St. #14-36
 739' FSL & 2320' FWL
 SESW Section 27-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31508; Lease #ML-22061

Monument Butte St. #15-36

Spud Date: 8/25/95
 Put on Production: 11/19/95
 Put on Injection: 1/12/2001
 GL: 5353' KB: 5366'

Initial Production: 40 BOPD,
 25 MCFD, 50 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (313.99')
 DEPTH LANDED: 314' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cement.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 147 jts. (6129.19')
 DEPTH LANDED: 6151' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 270 sxs Hifill & 345 sxs Thixotropic.
 CEMENT TOP AT: 744' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 134 jts (4194.39')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4207.39' KB
 TUBING PACKER: CE @ 4211.59' KB
 TOTAL STRING LENGTH: EOT @ 4215.99' KB

FRAC JOB

10/05/95 5982'-5998' **Frac Blksh-sd sand as follows:**
 93,300# 20/40 sand in 694 bbls Boragel.
 Treated @ avg press of 2100 psi w/avg rate of 36 BPM. ISIP 1946 psi. Calc. flush: 5982 gal. Actual flush: 5896 gal.

10/07/95 5390'-5434' **Frac LODC sand as follows:**
 175,000# 20/40 sand in 1052 bbls Boragel.
 Treated @ avg press of 1700 psi w/avg rate of 36 BPM. ISIP 1800 psi. Calc. flush: 5390 gal. Actual flush: 5340 gal.

10/10/95 4542'-4649' **Frac PB-10 sand as follows:**
 110,000# 16/30 sand in 853 bbls Boragel.
 Treated @ avg press of 2300 psi w/avg rate of 38 BPM. ISIP 2710 psi. Calc. flush: 4542 gal. Actual flush: 4500 gal.

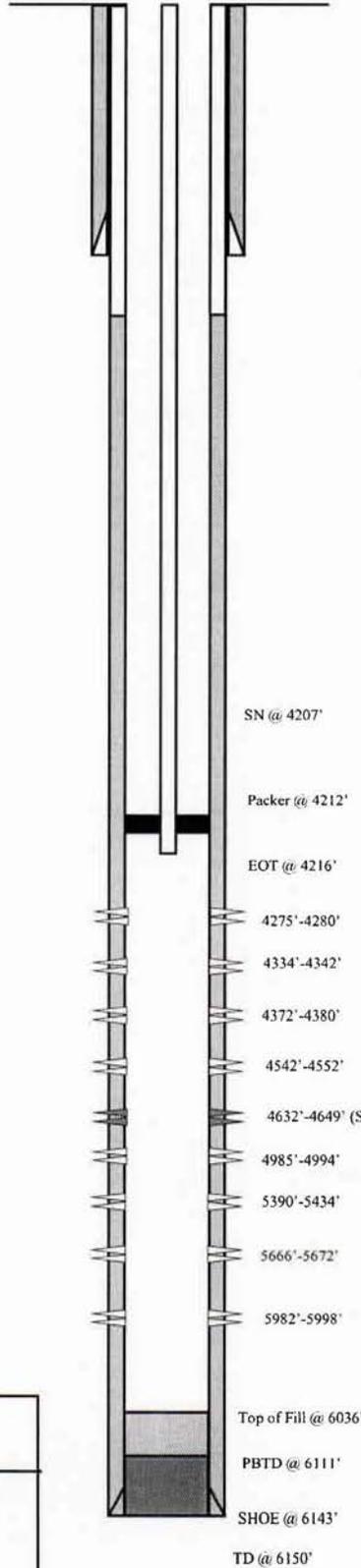
2/25/02 Packer leak. Update tubing details.

03/08/05 5666'-5672' **Frac CP.5 sands as follows:**
 13,346# 20/40 sand in 172 bbls Lightning Frac 17 fluid. Treated @ avg press of 3026 psi w/avg rate of 14.3 BPM. ISIP 1700 psi. Calc flush: 1486 gal. Actual flush: 1420 gal.

03/08/05 4985'-4994' **Frac C sands as follows:** 13,390# 20/40 Frac 17 fluid. Treated @ avg press of 3390 psi w/avg rate of 14 BPM. ISIP 2650 psi. Calc flush: 1309 gal. Actual flush: 1306 gal.

03/08/05 4275'-4380' **Frac GB 4 and sands as follows:**
 30,849# 20/40 sand in 267 bbls Lightning Frac 17 fluid. Treated @ avg press of 2735 psi w/avg rate of 14.4 BPM. ISIP 2100 psi. Calc flush: 1129 gal. Actual flush: 1050 gal.

11/29/06 5982'-5998' Acid job on BLKSH sds
 Perf broke @ 1800 psi @ 1 bpm W/ 10 bbls wtr. Open bypass & spot 350 gallons acid & 20 bbls wtr. Shut bypass & inject acid @ 1800 psi @ 1 BPM.



PERFORATION RECORD

10/03/95	5982'-5998'	4 JSPF	64 holes
10/06/95	5390'-5434'	4 JSPF	176 holes
10/08/95	4632'-4649'	4 JSPF	68 holes
10/08/95	4542'-4552'	4 JSPF	40 holes
03/07/05	5666'-5672'	4 JSPF	24 holes
03/07/05	4985'-4994'	4 JSPF	36 holes
03/07/05	4372'-4380'	4 JSPF	32 holes
03/07/05	4334'-4342'	4 JSPF	32 holes
03/07/05	4275'-4280'	4 JSPF	20 holes

NEWFIELD

Monument Butte St. #15-36
 773' FSL & 2127' FEL
 SWSE Section 36-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31544; Lease #ML-22061

Monument Butte State #16-36R-8-16

Spud Date: 8/12/95
 Put on Production: 4/30/97
 GL: 5331' KB: 5344'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH:
 DEPTH LANDED: 210' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA:

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5519.06')
 DEPTH LANDED: 5510.46'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 330 sxs Hifill mixed & 350 sxs Thixotropic
 CEMENT TOP AT: 700'

TUBING

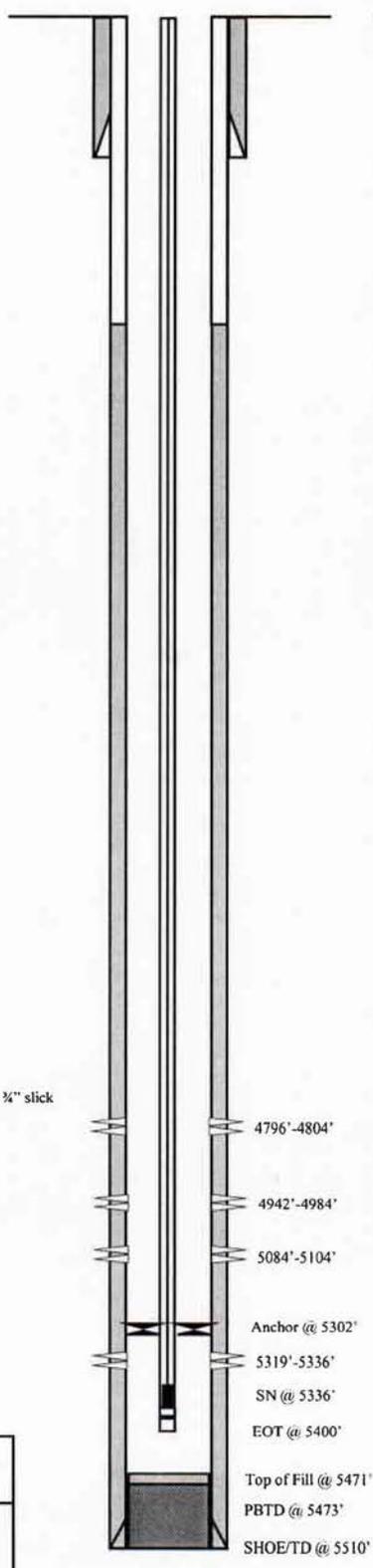
SIZE/GRADE/WT.: 2-7/8"/J-55
 NO. OF JOINTS: 169 jts (5289.12')
 TUBING ANCHOR: 5302.12'
 NO. OF JOINTS: 1 jt (31.20')
 SEATING NIPPLE: 2-7/8"
 SN LANDED AT: 5336.21' (1.10)
 NO. OF JOINTS: 2 jts (63.72')
 TOTAL STRING LENGTH: EOT (5400.38')

SUCKER RODS

POLISHED ROD: 1- 1 1/2" x 22'
 SUCKER RODS: 1-8", 1-2" x 3/4" pony rods, 100- 3/4" guided rods, 83- 3/4" slick rods, 26- 3/4" guided rods, 4-1 1/2" weight bars.
 PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC
 STROKE LENGTH: Faulty Alternator
 PUMP SPEED, SPM: Faulty alternator

FRAC JOB

8/31/95	5319'-5336'	Frac A3 sand as follows: 137,000# of sd in 786 bbls Boragel. Treated @ avg rate 30 bpm, avg press 2000 psi. ISIP-2059 psi. Calc. flush: 5317 gals. Actual flush: 5275 gals.
9/02/95	5084'-5104'	Frac B2 sand as follows: 95,000# of sd in 431 bbls Boragel. Treated @ avg rate 36.8 bpm, avg press 2100 psi. ISIP-2515 psi. Calc. flush: 5082 gals. Actual flush: 5040 gals.
9/05/95	4942'-4984'	Frac C sand as follows: 129,000# of sd in 557 bbls Boragel. Treated @ avg rate 34 bpm, avg press 2600 psi. ISIP-2909 psi. Calc. flush: 4940 gals. Actual flush: 4948 gals.
9/08/95	4796'-4804'	Frac D1 sand as follows: 18,400# of sd in 289 bbls Boragel. Treated @ avg rate 30 bpm, avg press 2700 psi. Screened out.
1/15/04		Pump change. Update rod and tubing details.
2/15/06		Pump Change. Updated rod and tubing details.
7/18/07		Pump change. Updated rod & tubing detail.



PERFORATION RECORD

8/30/95	5319'-5336'
9/01/95	5084'-5104'
9/05/95	4942'-4984'
9/07/95	4796'-4804'

NEWFIELD

Monument Butte State #16-36R-8-16

690' FSL & 810' FEL
 SE/SE Section 36-T8S-R16E
 Duchesne Co, Utah
 API #43-013-10159; Lease #ML-22061

Sand Wash Federal 13-31-8-17

Spud Date: 01/05/06
Put on Production: 03/05/06

Initial Production: BOPD,
MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (314.16')
DEPTH LANDED: 326.01' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 146 jts. (6251.70')
DEPTH LANDED: 6264.95' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 375 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 184 jts (5942.34')
TUBING ANCHOR: 5954.34'
NO. OF JOINTS: 2 jts (65.03')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6022.17'
NO. OF JOINTS: 2 jts (64.99')
TOTAL STRING LENGTH: EOT @ 6088.71'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4", 1-8, 1-6' x 7/8" pony rod, 235-7/8" guided rods, 4-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 4' x 17' RTBC "CDI"
STROKE LENGTH: 100"
PUMP SPEED, 5 SPM:
SN 6022'

FRAC JOB

02/23/06 6020-6060' **Frac CP2, CP3 sands as follows:**
70339# 20/40 sand in 659 bbls Lightning 17 frac fluid. Treated @ avg press of 1995 psi w/avg rate of 24.7 BPM. ISIP 2050 psi. Calc flush: 6058 gal. Actual flush: 5418 gal.

02/24/06 5574-5666' **Frac LODC, A3, A1 sands as follows:**
295743# 20/40 sand in 1943 bbls Lightning 17 frac fluid. Treated @ avg press of 1985 psi w/avg rate of 37.6 BPM. ISIP 2100 psi. Calc flush: 5664 gal. Actual flush: 5544 gal.

02/24/06 5340-5382' **Frac B1, B2 sands as follows:**
40413# 20/40 sand 431 bbls Lightning 17 frac fluid. Treated @ avg press of 2125 psi w/avg rate of 24.5 BPM. ISIP 2200 psi. Calc flush: 5380 gal. Actual flush: 4788 gal.

02/24/06 5087-5152' **Frac D1, D2 sands as follows:**
103043# 20/40 sand in 709 bbls Lightning 17 frac fluid. Treated @ avg press of 2238 psi w/avg rate of 24.7 BPM. ISIP 2450 psi. Calc flush: 5150 gal. Actual flush: 4536 gal.

02/24/06 4932-4949' **Frac DS1 sands as follows:**
79993# 20/40 sand in 592 bbls Lightning 17 frac fluid. Treated @ avg press 2083 psi w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc flush: 4947 gal. Actual flush: 4368 gal.

02/24/06 4560-4568' **Frac GB4 sands as follows:**
35987# 20/40 sand in 352 bbls Lightning 17 frac fluid. Treated @ avg press 1863 psi w/avg rate of 24.6 BPM. ISIP 1850 psi. Calc flush: 4566 gal. Actual flush: 4452 gal.
Stuck pump. Updated rod and tubing details.

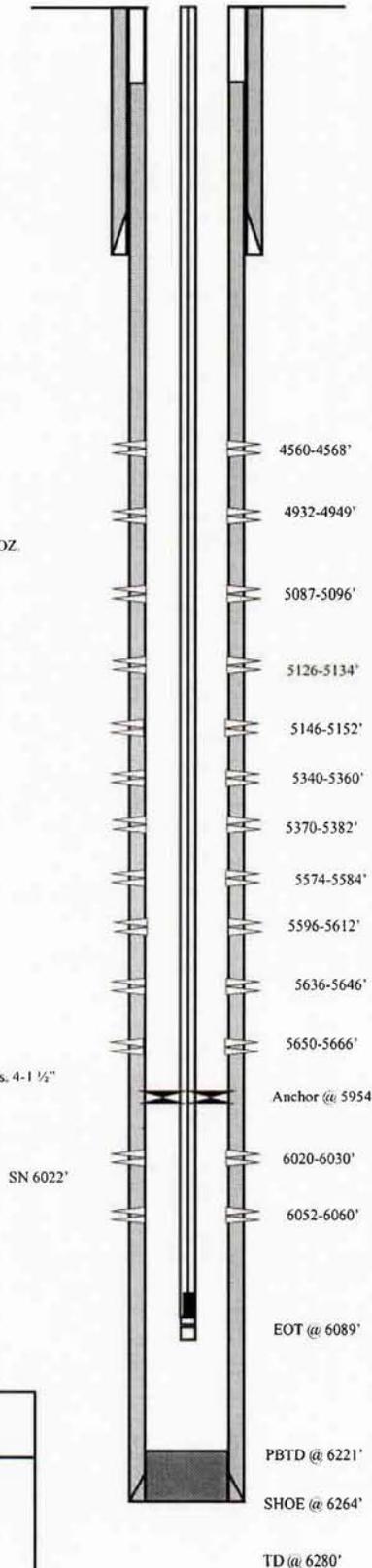
05/24/06 Stuck Pump. Update rod and tubing details.

11/15/06 Stuck Pump. Update rod and tubing details.

12-29-07 Tubing Leak. Updated rod & tubing details.

PERFORATION RECORD

02/20/06	6052-6060'	4 JSPF	32 holes
02/20/06	6020-6030'	4 JSPF	40 holes
02/23/06	5650-5666'	4 JSPF	64 holes
02/23/06	5636-5646'	4 JSPF	40 holes
02/23/06	5596-5612'	4 JSPF	64 holes
02/23/06	5574-5584'	4 JSPF	40 holes
02/24/06	5370-5382'	4 JSPF	48 holes
02/24/06	5340-5360'	4 JSPF	80 holes
02/24/06	5146-5152'	4 JSPF	24 holes
02/24/06	5126-5134'	4 JSPF	32 holes
02/24/06	5087-5096'	4 JSPF	36 holes
02/24/06	4932-4949'	4 JSPF	68 holes
02/24/06	4560-4568'	4 JSPF	32 holes



NEWFIELD

Sand Wash Federal 13-31-8-17

2206' FSL & 655' FWL
SW/SW Section 31-T8S-R17E
Duchesne Co. Utah
API #43-013-32445; Lease #UTU-74869

Monument Butte Fed. #1-1-9-16

Spud Date: 4/30/1981
Put on Production: 8/6/1981

GL: 5387' KB: 5397'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 288.50'
HOLE SIZE: 12-1/4"
CEMENT DATA: 230 sxs Class "G" cmt.

PRODUCTION CASING

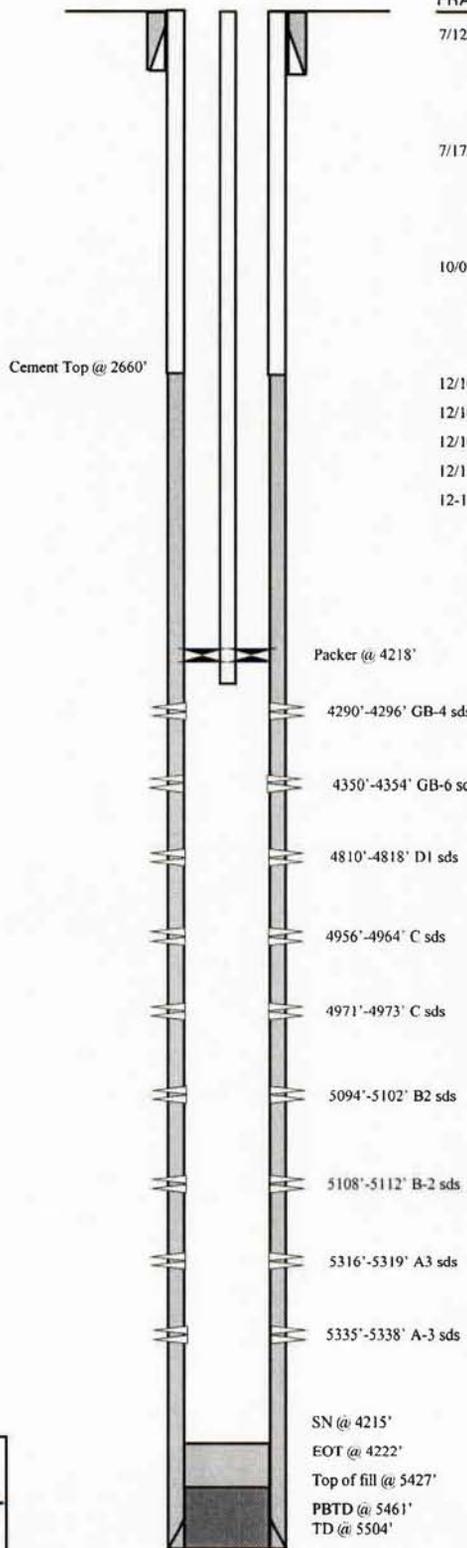
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5504'
HOLE SIZE: 7-7/8"
CEMENT DATA: 390 sk Pozmix.
CEMENT TOP AT: 2660' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 129 jts (4201.02')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4215.12' KB
TUBING PACKER: 4218.32'
TOTAL STRING LENGTH: EOT @ 4222.44'

Initial Production: 69 BOPD,
0 MCFD, 0 BWPD

Injection Wellbore Diagram



FRAC JOB

7/12/81	5316'-5338'	Frac A3 sand as follows: 1000 gal 15% HCl followed by 14,840# 20/40 sand in 304 bbls gelled 2% KCl fluid. Treated @ avg press of 2300 psi w/avg rate of 20 BPM.
7/17/81	5094'-5112'	Frac B2 sand as follows: 3000 gal 15% HCl followed by 25,200# 20/40 sand + 9,000# 10/20 sand in 428 bbls gelled diesel. Treated @ avg press of 3150 psi w/avg rate of 20 BPM.
10/01/82	4956'-4973'	Frac zone as follows: 10,000 gal pad followed by 85,000# 20/40 sand in 607 bbls fluid. Treated @ avg press of 2400 psi w/avg rate of 30 BPM. ISIP 2200 psi.
12/10/01	4810'-4818'	Broke w/ 10 bbl, 2900 psi, ISIP 2200 psi.
12/10/01	4350'-4354'	Broke w/ 10 bbl, 2400 psi, ISIP 1700 psi.
12/10/01	4290'-4296'	Broke w/ 10 bbl, 1800 psi, ISIP 1750 psi.
12/11/01		Convert to injector.
12-15-06		5 Year MIT completed.

PERFORATION RECORD

7/12/81	5335'-5338'	2 SPF	03 holes
7/12/81	5316'-5319'	2 SPF	03 holes
7/17/81	5108'-5112'	1 SPF	04 holes
7/17/81	5094'-5102'	1 SPF	08 holes
9/30/82	4971'-4973'	2 SPF	04 holes
9/30/82	4956'-4964'	1 SPF	09 holes
12/7/01	4810'-4818'	4 SPF	32 holes
12/7/01	4350'-4354'	4 SPF	16 holes
12/7/01	4290'-4296'	4 SPF	24 holes

NEWFIELD

Monument Butte Fed. #1-1-9-16

684' FNL & 1930' FWL
NENW Section 1-T9S-R16E
Duchesne Co, Utah
API #43-013-30571; Lease #UTU-72104

Balcron Monument Federal #31-1J-9-16

Spud Date: 9/15/95
 Put on Production: 10/13/95
 GL: 5368' KB: 5377'

Initial Production: 34 BOPD.
 NM MCFPD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. 252.45'
 DEPTH LANDED: 262.45' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Premium cmt. est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5895.78')
 DEPTH LANDED: 5907.78' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sk Super G & 288 sxs 50/50 POZ.
 CEMENT TOP AT: 804' KB

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/J-55
 NO. OF JOINTS: 173 jts. (5241.35') Btm 15 jts YB
 TUBING ANCHOR: 5250.35' KB
 NO. OF JOINTS: 2 jts. (63.81')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5316.96' KB
 NO. OF JOINTS: 1 jt. (28.10')
 TOTAL STRING LENGTH: EOT @ 5346.61' KB

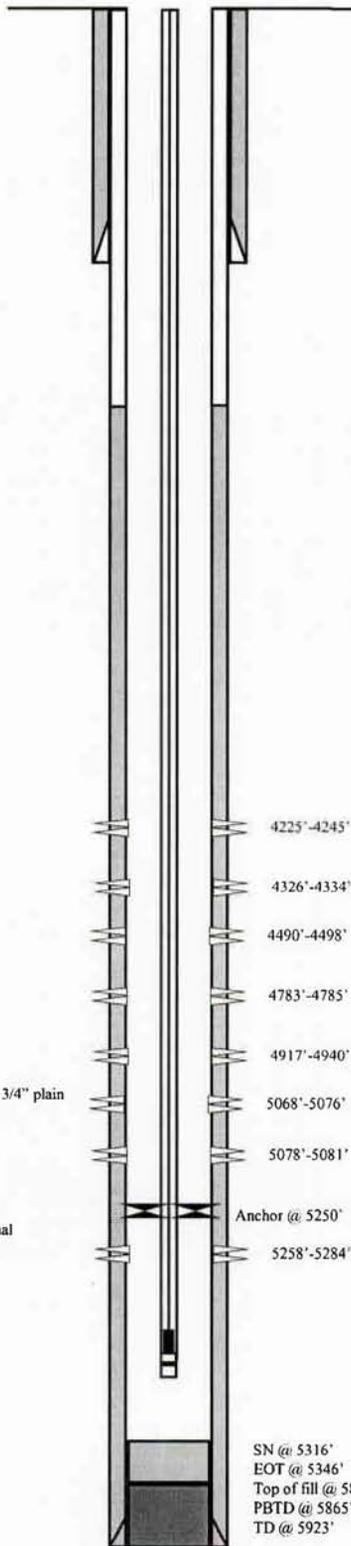
SUCKER RODS

POLISHED ROD: 1-1/4" x 22' polished rod.
 SUCKER RODS: 6- 1 1/2" wt. rods, 10-3/4" scraper rods (new), 106- 3/4" plain rods, 90- 3/4" plain rods (new), 1-2', 1-4' x 3/4" pony rods.
 PUMP SIZE: 2-1/2 x 1-1/2 x 15.5" RHAC pump
 STROKE LENGTH: 85"
 PUMP SPEED, SPM: 4.5 SPM
 LOGS: CBL/GR/Collars: Litho Density Compensated Neutron/GR; Dual Laterolog w/Linear Correlation GR

FRAC JOB

9/28/95 5258'-5284'
 9/29/95 5068'-5076'
 10/03/95 4783'-4940'
 10/10/99
 6/21/02 4490'-4498'
 6/21/02 4225'-4334'

Frac sand as follows:
 14,000# 20/40 sand + 60,000# 16/30 sand in 530 bbls 2% KCl water. Treated @ avg press of 2150 psi w/avg rate of 32 BPM. ISIP 2100 psi. Calc. flush: 5258 gal., Actual flush: 5208 gal.
Frac sand as follows:
 16,000# 20/40 sand + 24,000# 16/30 sand in 354 bbls 2% KCl water. Treated @ avg press of 2150 psi w/avg rate of 31.4 BPM. ISIP 1950 psi. Calc. flush: 5068 gal., Actual flush: 5040 gal.
Frac sand as follows:
 72,000# 16/30 sand in 501 bbls 2% KCl water. Treated @ avg press of 2400 psi w/avg rate of 31.7 BPM. ISIP 2300 psi. Calc. flush: 4783 gal., Actual flush: 4746 gal.
 Pump change. Update rod and tubing details.
Frac PB10 sand as follows:
 28,308# 20/40 sand in 290 bbls Viking I-25 frac fluid. Treated @ avg press of 2230 psi w/avg rate of 24.5 BPM. ISIP 2290 psi. Calc. flush: 4490 gal., Actual flush: 4445 gal.
Frac GB4,6 sands as follows:
 92,383# 20/40 sand in 732 bbls Viking I-25 frac fluid. Treated @ avg press of 2125 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc. flush: 4225 gal., Actual flush: 4158 gal.



PERFORATION RECORD

Date	Interval	Tool	Holes
9/27/95	5258'-5284'	2 JSPF	52 holes
9/28/95	5078'-5081'	4 JSPF	32 holes
9/28/95	5068'-5076'	4 JSPF	12 holes
10/02/95	4917'-4940'	1 JSPF	03 holes
10/02/95	4783'-4785'	1 JSPF	11 holes
6/21/02	4490'-4498'	4 JSPF	32 holes
6/21/02	4326'-4334'	4 JSPF	32 holes
6/21/02	4225'-4245'	4 JSPF	80 holes



Balcron Monument Federal #31-1J-9-16
 660' FNL & 1980' FEL
 NWNE Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31413; Lease #U-33992

Balcron Monument Federal #11-6-9-17

Spud Date: 10/29/92
 Put on production: 11/10/92
 Put on Injection: 1/22/93
 GL: 5320' KB: 5333'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: ? jts. (?)
 DEPTH LANDED: 272'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 190 sxs Premium cmt to surface

PRODUCTION CASING

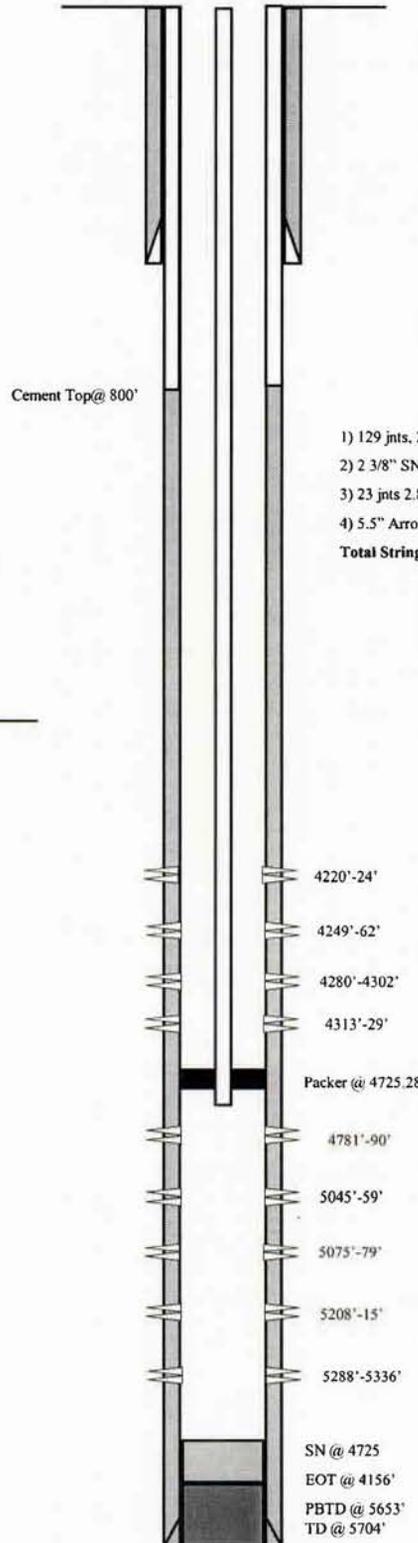
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: ? jts. (5690')
 DEPTH LANDED: 5703'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 206 sk Hyfill mixed & 495 sxs thixotropic
 CEMENT TOP AT: 800' per CBL

Inj.

Equipment and Size length

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 129 jts (3983.69')
 NO. OF JOINTS: 23 jts (727.49') New tubing
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4725.28' KB
 TUBING PACKER: 4725.28' KB
 TOTAL STRING LENGTH: EOT @ 4731.48'

Injection Wellbore Diagram



FRAC JOB

10/24/92 5208'-5336' **Frac zone as follows:**
 38,500# 20/40 sand + 4,517# 16/30 sand in 340 bbl. Viking frac fluid. Avg. treating press. 3100 psi @ 30 BPM. ISIP 1850 psi.

10/24/92 4781'-4790' **Frac zone as follows:**
 27,483# 16/30 sand in 172 bbl. Viking frac fluid. ISIP 1850 psi.

9/3/93 5045'-5079' **Frac zone as follows:**
 15,000# 16/30 sand in 208 bbl. Viking frac fluid.

6/2/06 **5 Year MIT completed and submitted.**
 MIT performed on 6/6/01. Witnessed by Al Carver (EPA) and Dennis Ingram (DOGM).

1) 129 jnts, 2.875" tbg 3983.69'
 2) 2 3/8" SN 1.1'
 3) 23 jnts 2.875" tbg 727.49'
 4) 5.5" Arrow Set-1 PKR 6.2'
Total String Length 4156'

PERFORATION RECORD

Date	Depth Range	Perforation Details	Holes
10/24/92	5208', 5215', 5288', 5293', 5298', 5303', 5313', 5318', 5312', 5327', 5332', 5336'	(1 SPF)	
10/24/92	4781', 4783', 4786', 4787', 4790'	(1 SPF)	
9/09/93	5045', 5047', 5049', 5051', 5053', 5055', 5057', 5075', 5077', 5079'	(1 SPF)	
6/05/01	4220'-4224'	4 SPF	16 holes
6/05/01	4249'-4262'	4 SPF	12 holes
6/05/01	4280'-4302'	4 SPF	88 holes
6/05/01	4313'-4329'	4 SPF	64 holes

NEWFIELD

Balcron Monument Federal #11-6-9-17
 804 FNL 696 FWL
 NWNW Section 6-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31362; Lease #U-020252A

JONAH FEDERAL J-1-9-16

Spud Date: 05/23/07
Put on Production: 07/03/07

Initial Production: BOPD,
MCFD, BWPD

GL: 5351' KB: 5363'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (294.72')
DEPTH LANDED: 306.57' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 160 jts. (6217.25')
DEPTH LANDED: 6230.50' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 365 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 47'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 190 jts (5954.15')
TUBING ANCHOR: 5966.15' KB
NO. OF JOINTS: 2 jts (62.96')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6031.91' KB
NO. OF JOINTS: 1 jts (31.10')
TOTAL STRING LENGTH: EOT @ 6064.56' KB

SUCKER RODS

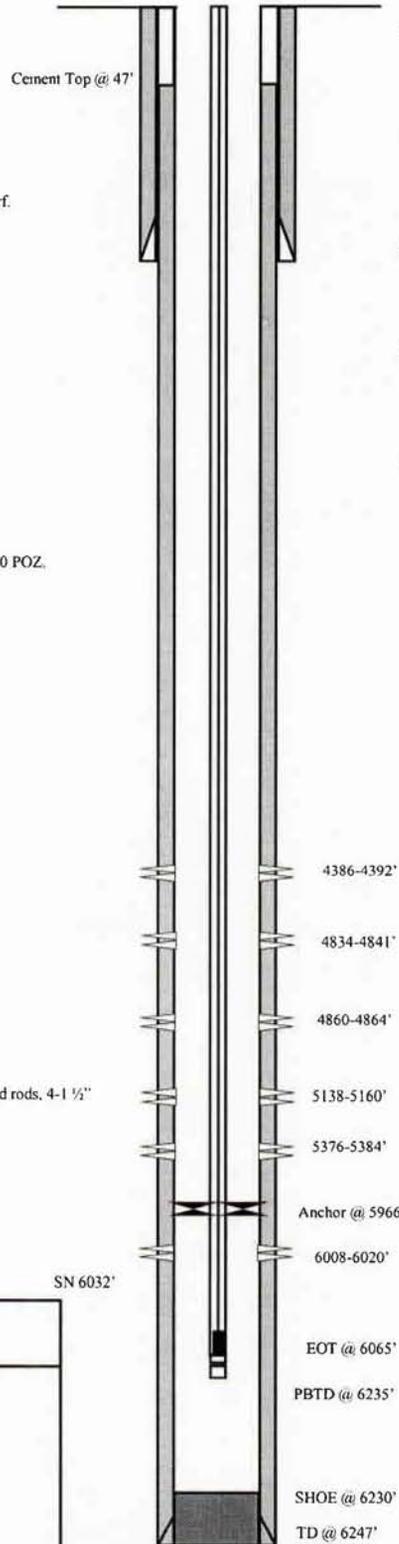
POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-2", 1-8" x 7/8" pony rods, 237-7/8" scraped rods, 4-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16x 20' RHAC
STROKE LENGTH: 122"
PUMP SPEED, 5 SPM:

FRAC JOB

09/18/07	6008-6020'	Frac CPS sands as follows: 85173# 20/40 sand in 485 bbls Lightning 17 frac fluid. Treated @ avg press of 1958 psi w/avg rate of 24.9 BPM. ISIP 2385 psi. Calc flush: 6006 gal. Actual flush: 5418 gal.
09/18/07	5376-5384'	Frac LODC sands as follows: 29751# 20/40 sand in 399 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 24.9 BPM. ISIP 2040 psi. Calc flush: 5374 gal. Actual flush: 4868 gal.
09/19/07	5138-5160'	Frac B1 sands as follows: 148,475# 20/40 sand in 1045 bbl Lightning 17 frac fluid. Treated @ avg press of 1936 psi w/avg rate of 24.8 BPM. ISIP 2255 psi. Calc flush: 5136 gal. Actual flush: 4620 gal.
09/19/07	4834-4864'	Frac D1 sands as follows: 60119# 20/40 sand in 510 bbls Lightning 17 frac fluid. Treated @ avg press of 2040 psi w/avg rate of 24.8 BPM. ISIP 2195 psi. Calc flush: 4858 gal. Actual flush: 4326 gal.
09/19/07	4386-4392'	Frac CB6 sands as follows: 29876# 20/40 sand in 356 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 psi w/avg rate of 24.8 BPM. ISIP 1950 psi. Calc flush: 4384 gal. Actual flush: 4284 gal.

PERFORATION RECORD

09/14/07	6008-6020'	4 JSPF	48 holes
09/18/07	5376-5384'	4 JSPF	32 holes
09/18/07	5138-5160'	4 JSPF	88 holes
09/19/07	4860-4864'	4 JSPF	16 holes
09/19/07	4834-4841'	4 JSPF	28 holes
09/19/07	4386-4392'	4 JSPF	24 holes



NEWFIELD

JONAH FEDERAL J-1-9-16

823' FNL & 769' FEL
PROP BHL: 1323' FNL & 0' FEL
NE/NE Section 1, T9S, R16E
Duchesne Co, Utah
API #43-013-33571; Lease # UTU-33992

JONAH FED. G-6-9-17

Spud Date: 09/07/07
Put on Production: 10/17/07

GL: 5324' KB: 5336'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.30')
DEPTH LANDED: 323.15' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 162 jts. (6222.79')
DEPTH LANDED: 6236.04' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 34'

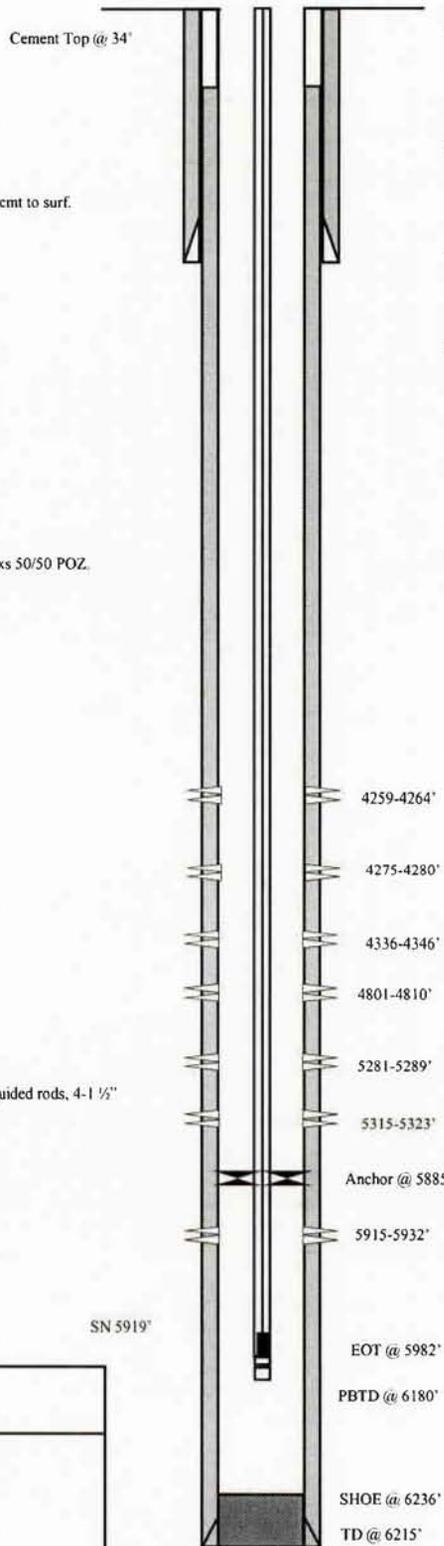
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 190 jts (5872.64')
TUBING ANCHOR: 5884.64' KB
NO. OF JOINTS: 1 jts (31.10')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5918.54' KB
NO. OF JOINTS: 2 jts (62.02')
TOTAL STRING LENGTH: EOT @ 5982.11' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-8, 4', 2, X 7/8" pony rods, 232-7/8" guided rods, 4-1 1/2" weight bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 20" RHAC
STROKE LENGTH: 123"
PUMP SPEED, 4 SPM:

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

10/12/07 5915-5932' **Frac CP5 sands as follows:**
75302# 20/40 sand in 631 bbls Lightning 17 frac fluid. Treated @ avg press of 1645 psi w/avg rate of 24.8 BPM. ISIP 2099 psi. Calc flush: 5913 gal. Actual flush: 5410 gal.

10/12/07 5281-5323' **Frac A3 sands as follows:**
23883# 20/40 sand in 352 bbl Lightning 17 frac fluid. Treated @ avg press of 2440 psi w/avg rate of 24.8 BPM. ISIP 2454 psi. Calc flush: 5279 gal. Actual flush: 4775 gal.

10/12/07 4801-4810' **Frac D1 sands as follows:**
13848# 20/40 sand in 257 bbls Lightning 17 frac fluid. Treated @ avg press of 2455 psi w/avg rate of 24.8 BPM. ISIP 2449 psi. Calc flush: 4799 gal. Actual flush: 4297 gal.

10/12/07 4259-4346' **Acidize GB6 & GB4 & sands as follows:**
119 bbls of 15% HCL 100-7/8 bio balls Treated @ avg press of 2202 psi w/avg rate of 14.3 BPM. ISIP 2034 psi.

PERFORATION RECORD

5915-5932' 4 JSPF 68 holes
5315-5323' 4 JSPF 32 holes
5281-5289' 4 JSPF 32 holes
4801-4810' 4 JSPF 36 holes
4336-4346' 4 JSPF 40 holes
4275-4280' 4 JSPF 20 holes
4259-4264' 4 JSPF 20 holes

NEWFIELD

JONAH FEDERAL G-6-9-17

1085' FNL & 990' FWL
1486' FNL & 1459' FWL
NW/NW Section 6-T9S-R17E
Duchesne Co, Utah
API #43-013-33493; Lease # UTU-020252A

Monument Fed. #32-1J-9-16

Spud Date: 8/24/1994
 Put on Production: 9/23/1994
 GL: 5397' KB: 5407'

Initial Production: 52 BOPD,
 NM MCFD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (353.65')
 DEPTH LANDED: 352.15'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5780.24')
 DEPTH LANDED: 5789.24'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 261 sxs Super "G" tailed by 290 sxs 50/50 POZ.
 CEMENT TOP AT: 1882' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 166 jts (5225.43')
 TUBING ANCHOR: 5235.43'
 NO. OF JOINTS: 2 jts (66.20")
 SEATING NIPPLE: 2-7/8" (1.10")
 SN LANDED AT: 5304.43' KB
 NO. OF JOINTS: 1 jts (33.07")
 TOTAL STRING LENGTH: EOT @ 5339.05'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
 SUCKER RODS: 1-8", 1-6", 1-4" x 3/4" pony rods 6-1 1/2" weight bars; 80-3/4" scraped rods, 74-3/4" plain rods, 51-3/4" scraped rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 4 SPM

FRAC JOB

9/10/94 5276'-5288' **Frac zone as follows:**
 17,640# 20/40 sand + 20,540# 16/30 sand in 352 bbls gelled KCl fluid. Treated @ avg press of 2550 psi w/avg rate of 30.7 BPM. ISIP 2250 psi.

9/14/94 4786'-4946' **Frac zone as follows:**
 26,800# 16/30 sand in 128 bbls gelled KCl fluid. Treated @ avg press of 3000 psi w/avg rate of 29.5 BPM. ISIP 2200 psi.

10/12/00 Tubing leak. Update rod and tubing details.

10/24/02 4474'-4501' **Frac PB zones as follows:**
 61,000# 20/40 sand in 474 bbls 1-25 viking fluid. Treated @ avg press of 2200 psi w/avg rate of 26.5 BPM. ISIP 2400 psi. Calc flush: 4474 gal. Actual flush: 4410 gal.

10/24/02 4222'-4297' **Frac GB zones as follows:**
 49,200# 20/40 sand in 399 bbls 1-25 viking fluid. Treated @ avg press of 2075 psi w/avg rate of 26.5 BPM. ISIP 2180 psi. Calc flush: 4222 gal. Actual flush: 4116 gal.

08/31/05 Tbg leak

12/07/05 Pump Change. Detail Rod and tubing update.

03/23/07 Tubing Leak. Updated Rod & Tubing Details

4222'-4227' 12/3/08 Tubing Leak. Updated rod & tubing Details.

4290'-4297'

4474'-4483'

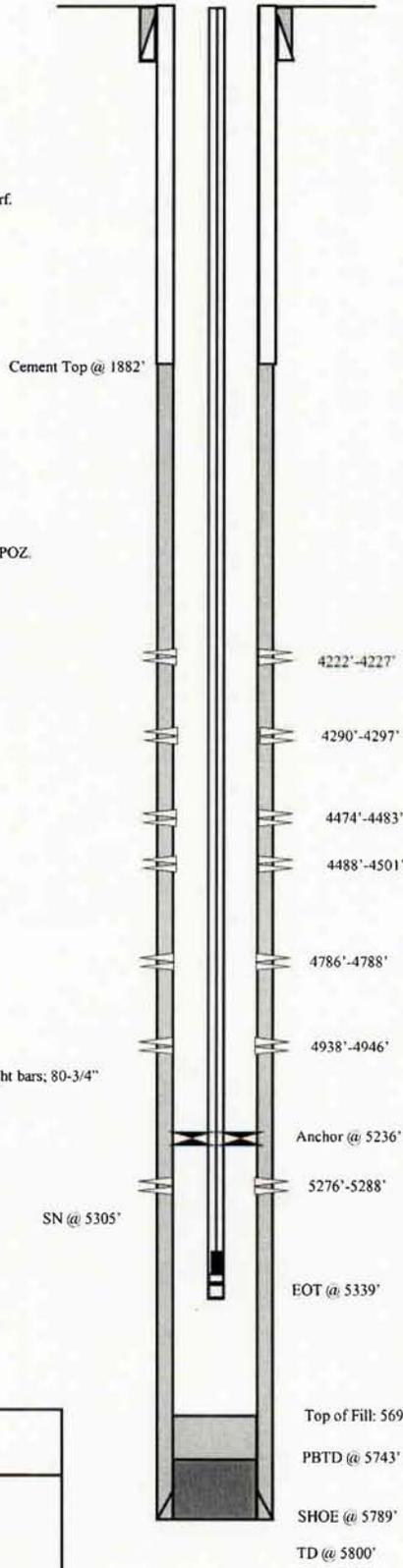
4488'-4501'

4786'-4788'

4938'-4946'

PERFORATION RECORD

9/09/94	5276'-5288'	4 JSPF	48 holes
9/13/94	4938'-4946'	4 JSPF	10 holes
9/13/94	4786'-4788'	4 JSPF	3 holes
10/24/02	4488'-4501'	4 JSPF	52 holes
10/24/02	4474'-4483'	4 JSPF	36 holes
10/24/02	4290'-4297'	4 JSPF	28 holes
10/24/02	4222'-4227'	4 JSPF	20 holes



Note: It was discovered on 2/6/03 that the GB-6 zone from 4314-23 was not opened during the last recompletion procedure.

NEWFIELD

Monument Fed. #32-1J-9-16
 2143' FNL & 1987' FEL
 SWNE Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31414; Lease #U-33992

Balcron Monument Federal #42-1J

Spud Date: 10/19/93
 Put on production: 12/11/93
 Put on Injection: 8/18/94
 GL: 5380' KB: 5390'

Initial Production: 80 BOPD, 400 MCFD,
 20 BOPD

Injection Diagram

SURFACE CASING

SIZE: 8-5/8" / J-55 / 24 lbs
 LENGTH: 8 jts. (346')
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 356' KB
 CEMENT DATA: 180 sxs Class "G" w/additives.

PRODUCTION CASING

SIZE: 5-1/2" / K-55 / 15.5#
 LENGTH: 5799'
 DEPTH LANDED: 5809' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 112 sxs Thrifty-lite & tail w/258 sxs 50-50 POZ.
 CEMENT TOP AT: 2310' KB from Calculations.

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 134 jts
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4363.65' KB
 TUBING PACKER: 4268.00' KB
 TOTAL STRING LENGTH: EOT @ 4272.27'

FRAC JOB

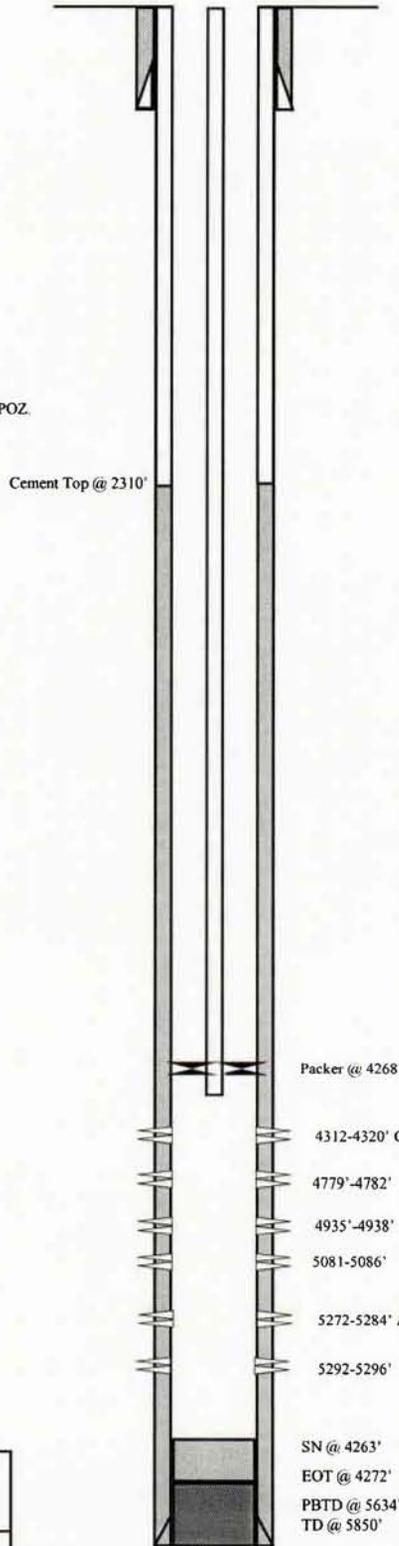
5081'- 5296': 15,000# 20/40 sand + 12,000 lbs 16/30 sand in 403 bbls 2% KCL water.

4779'- 4938': 20,520# 16/30 sand in 149 bbl Viking I-35 fluid. Avg. treating press. 2550 psi @ 17 BPM. ISIP 1850 psi. Clac. Flush: 4779 gal., Actual flush: 4704 gal.

8-8-05 5272-5284' **Frac A3 sand as follows:**
 18934#'s 20/40 sand in 206 bbls of Lightning 17 frac fluid. Treated @ ave. pressure 3686 w. ave rate of 13.9 BPM. ISIP 3000 Calc. flush 1856 gals. Actual flush 1218.

8-8-05 4312-4320' **Frac GB6 sand as follows:**
 21601#'s 20/40 sand in 206 bbls of Lightning 17 frac fluid. Treated @ ave. Pressure 2670 w. ave rate of 13.8 BPM. ISIP 1900 Calc. flush 1057 gals. Actual flush 1008 gals.

8-26-05 **MIT Completed.**



PERFORATION RECORD

4779' - 4782'	2 SPF	6 holes
4935' - 4938'	2 SPF	6 holes
5081' - 5086'	2 SPF	4 holes
5292' - 5296'	2 SPF	4 holes
8-5-05 5272-5284'	4 JSPF	48 holes
8-5-05 4312-4320'	4 JSPF	32 holes



Balcron Monument Federal #42-1J
 2078 FNL & 629 FEL
 SENE Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31404; Lease #U-40652

Allen Federal #12-6-9-17

Spud Date: 12/31/81

Put on Production: 2/20/82

GL: 5352' KB: 5366'

Wellbore Diagram

Initial Production: 190 STBOPD,
75 MCFD, 39 STBOPD

SURFACE CASING

STRING: 1
CSG SIZE: 8 5/8"
GRADE: K-55
WEIGHT: 24 lbs.
LENGTH: 7 jts. @ 260'
DEPTH LANDED: 270' KB
HOLE SIZE: 12 1/4"
CEMENT DATA: 210 sx. Class-H.
Cement to surface.

PRODUCTION CASING

STRING: 1
SIZE: 5 1/2"
GRADE: K-55, LT&C
WEIGHT: 15.5 lbs.
LENGTH: 6280'
DEPTH LANDED: 6290' KB
HOLE SIZE: 7 7/8"
CEMENT DATA: 420 sx. Class-G.
655 sx. RFC.
CEMENT TOP AT: 680' KB from CBL.

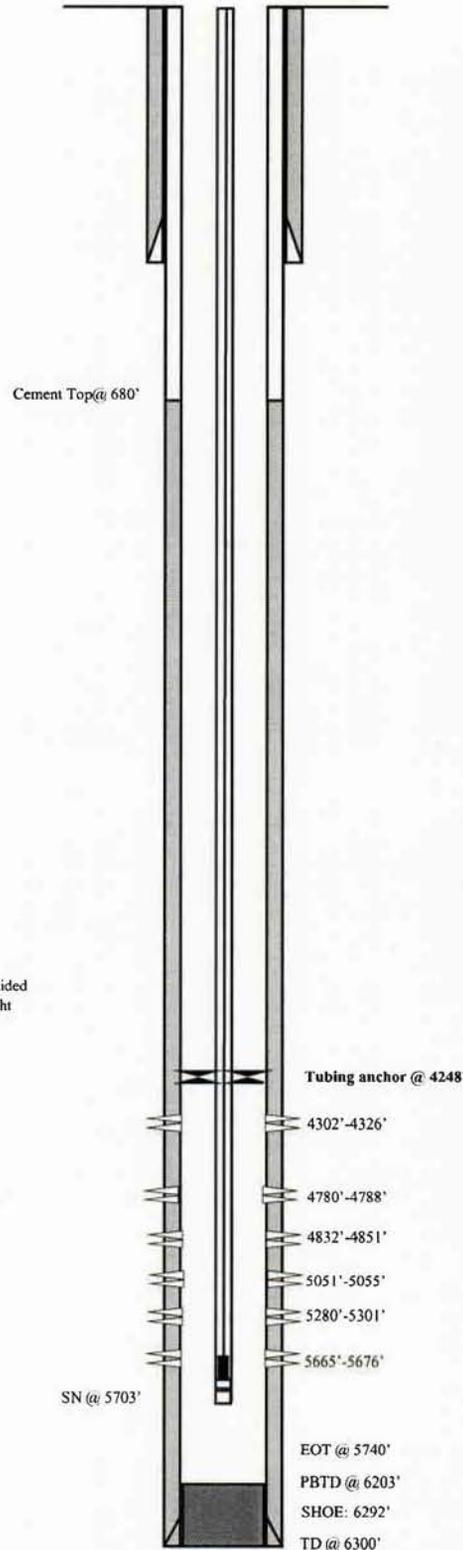
TUBING RECORD

SIZE/GRAD: 2 3/8", J-55, 4.7 lbs.
NO. OF JOINTS: 136 jts. @ 4234.02'
TUBING ANCHOR: 5-1/2" @ 4248.02'
NO. OF JOINTS: 47 jts. @ 1451.15'
SEATING NIPPLE: 2 3/8" x 1.10'
SN LANDED AT: 5703' KB
PERF. SUB: 2 3/8" x 4.20"
NO. OF JOINTS: 1 jt. @ 33.10'
TOTAL STRING LENGTH: EOT @ 5740.32' KB

SUCKER RODS

POLISHED RODS: 1-1 1/4" x 22'
SUCKER RODS: 1 - 4' & 2 - 2' X 3/4" pony rods, 93-3/4" guided rods, 114-3/4" plain rods, 15-3/4" guided rods, 4 - 1 1/4" weight bars
PUMP SIZE: 2" x 1 1/4" x 16" RHAC Axelson pump
STROKE LENGTH: 74"
PUMP SPEED, SPM: 7 SPM

LOGS: Cement Bond, Dual Induction-SFL, Compensated Neutron-Formation Density, Cyberlook.



FRAC JOB

4302'- 4326' Frac w/Halliburton on 2-10-82.
36,000 gal Ver 1400 fluid w/40,000 lbs 20-40 mesh sand & 10,000 lbs 10-20 mesh sand, Avg 20 BPM @ 1800 psig, max. @ 2200 psig, ISIP @ 1800 psig, 15 min @ 1540 psig, 20 min @ 1520 psig.
4780'- 4788' Frac w/Western on 9-9-83.
11,718 gal Viking I-35# w/23,800 lbs 16-30 mesh sand, Avg 12 BPM @ 4200 psig, max @ 5000 psig, ISIP @ 2180 psig, 5 min @ 1720 psig, 10 min @ 1620 psig, 15 min @ 1560 psig.
4832'- 4851' Frac w/Halliburton on 2-9-82.
31,000 gal Ver 1400 fluid w/40,000 lbs 20-40 mesh sand & 10,000 lbs 10-20 sand. Avg treating pressure 1950 psig, max. @ 2150 psig, ISIP @ 1950 psig, 15 min @ 1780 psig, 20 min @ 1770 psig.
5051'- 5055' Frac w/Western on 9-9-93.
8,190 gal Viking I 35# w/8,000 lbs 16-30 mesh sand, Avg 10.5 BPM @ 4700 psig, max @ 4900 psig, ISIP @ 1930 psig, 5 min @ 1900 psig, 10 min @ 1870 psig, 15 min @ 1860 psig.
5280'- 5301' Frac w/Halliburton on 2-8-82.
31,000 gal Ver 1400 fluid w/40,000 lbs 20-40 mesh sand & 10,000 lbs 10-20 mesh sand, Avg 20 BPM @ 1800 psig, max. @ 2700 psig, ISIP @ 2070 psig, 15 min @ 1920 psig, 20 min @ 1900 psig.
5665'- 5676' Frac w/Halliburton on 2-7-82.
36,000 gal Ver 1400 fluid w/40,000 lbs 20-40 mesh sand & 10,000 lbs 10-20 mesh sand, Avg 15 BPM @ 1700 psig, max. @ 2400 psig, ISIP @ 1930 psig, 15 min @ 1750 psig, 20 min @ 1720 psig.
9/30/02 Pump change. Update rod and tubing details.

ACID JOB

4302'- 4326' 2500 gal 15% HCl Acid
4832'- 4851' 2000 gal 15% HCl Acid
5280'- 5301' 2000 gal 15% HCl Acid
5665'- 5676' 1000 gal 15% HCl Acid

PERFORATION RECORD

4302'- 4326' (24') 49 Holes	YELLOW
4780'- 4788' (8') 32 Holes	RED1 (Added 9-8-93)
4832'- 4851' (19') 39 Holes	RED2
5051'- 5055' (4') 8 Holes	GREEN1 (Added 9-8-93)
5280'- 5301' (21') 43 Holes	GREEN5
5665'- 5676' (11') 23 Holes	BLUE



Allen Federal #12-6-9-17
1980' FNL 604' FWL
SW/NW Section 6-T9S-R17E
Duchesne Co, Utah
API #43-013-30582; Lease #UTU-020252A

Monument Butte Federal #1-43-9-16

Spud Date: 3/24/83
 Put on Production: 6/10/98
 GL: 5404' KB: 5424'

Initial Production: 100 STBOPD,
 50 MCFD, 0 STBWPD

Wellbore Diagram

FRAC JOB

SURFACE CASING

CSG SIZE: 8 5/8" / K-55 / 24 lbs
 LENGTH: 8 jts @ 328'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 348' KB
 CEMENT DATA: 225 sx, Class-G, Cement to surface

PRODUCTION CASING

CSG SIZE: 5 1/2" / K-55 / 14#
 LENGTH: 51 jts
 CSG SIZE: 5 1/2" / K-55 / 15.5#
 LENGTH: 101 jts
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 6127' KB
 CEMENT DATA: 400 sx, BJ Lite + 830 sx, Class-G
 CEMENT TOP AT: 1500' KB from CBL

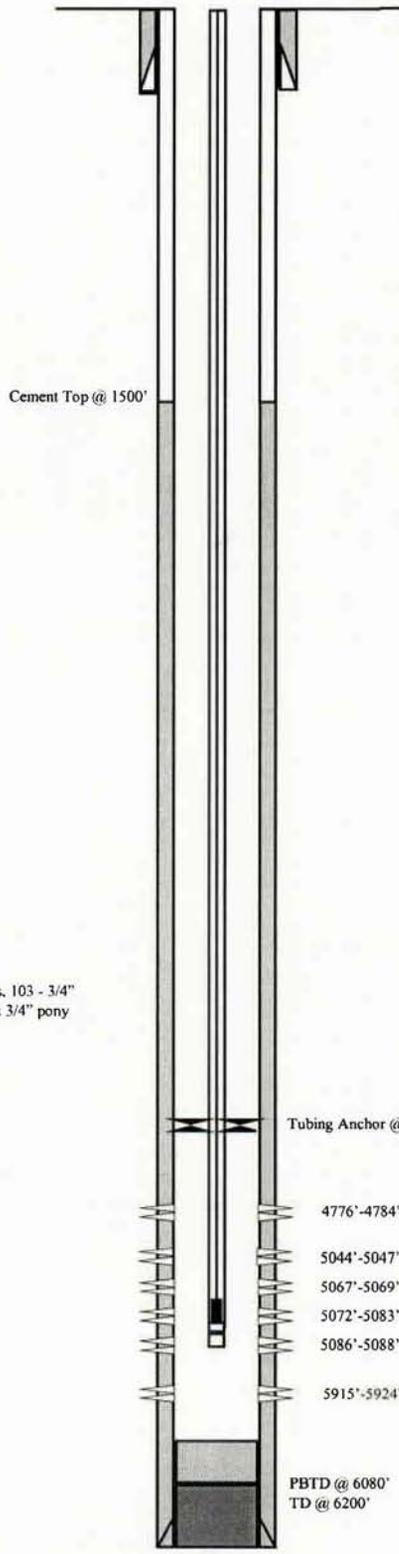
TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5#
 NO. OF JOINTS: 176 jts @ 5358.26'
 TUBING ANCHOR: 5381.06' KB
 NO. OF JOINTS: 1 jt (31.66')
 SEATING NIPPLE: 2 7/8" x 1.1'
 SN LANDED AT: 5413.82' KB
 MUD ANCHOR: 1 jt. (29.52')
 TOTAL STRING LENGTH: 5443.79' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' polished
 SUCKER RODS: 6- 1 1/2" weight rods, 15- 3/4" scraper rods, 103 - 3/4" plain rods, 92-3/4" scraper rods, 1- 3/4" plain rod, 1-2', 2-4' x 3/4" pony rods.
 PUMP SIZE: 2-1/2 x 1-1/2 x 17" RHAC
 STROKE LENGTH: 80"
 PUMP SPEED, SPM: 6 spm

LOGS: Cement Bond, Dual Induction-SFL, Compensated Neutron-Litho Density, Temperature Survey, Electromagnetic Propagation, Volan.



Date	Depth Range	Fracturing Details
2-17-94	4776'-4784'	Frac w/Western 10,038 gal 35# J-4L w/28,520 lbs 16-30 mesh sand, Avg 24 BPM @ 2200 psig, max @ 2750 psig, ISIP @ 2050 psig, 5 min @ 1680 psig, 10 min @ 1540 psig, 15 min @ 1410 psig.
5-26-83	5044'-5088'	Frac w/Halliburton. 39,400 gal Gel w/104,000 lbs 20-40 mesh sand, avg 15 BPM @ 2150 psig, max @ 2270 psig, ISIP @ 2900 psig, 15 min @ 1740 psig.
5-28-83	5915'-5924'	Frac w/Halliburton 57,300 gal Gel w/155,000 lbs 20-40 mesh sand, avg 35 BPM @ 1980 psig, max @ 2240 psig, ISIP @ 2010 psig, 5 min @ 1900 psig, 10 min @ 1810 psig, 15 min @ 1760 psig.
7/03/02		Pump change. Update rod and tubing details.

PERFORATION RECORD

4776'-4784'	(8') 4 SPF (2-17-94)	Red I
5044'-5047'	(3') 2 SPF	Green I
5067'-5069'	(2') 2 SPF	Green I
5072'-5083'	(11') 2 SPF	Green I
5086'-5088'	(2') 2 SPF	Green I
5915'-5924'	(9') 3 SPF	Blue



Monument Butte Federal #1-43-9-16
 1980 FSL & 660 FEL
 NESE Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30734; Lease #U-52013

Multi-Chem Group, LLC
Multi-Chem Analytical Laboratory
349 PR 4473
Sonora, TX 76950

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **FED 2-1-9-16**
Sample Point: **Tank**
Sample Date: **1 /14/2009**
Sales Rep: **Randy Huber**
Lab Tech: **Joseph Sadler**

Sample ID: **WA-20237**

Sample Specifics	
Test Date:	1/29/2009
Temperature (°F):	160
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0090
pH:	9
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	14647
Molar Conductivity (µS/cm):	22193
Resitivity (Mohm):	0.4506

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	240.00	Chloride (Cl):	8000.00
Magnesium (Mg):	146.40	Sulfate (SO₄):	10.00
Barium (Ba):	29.66	Dissolved CO₂:	0.01
Strontium (Sr):	-	Bicarbonate (HCO₃):	1186.00
Sodium (Na):	5019.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	0.01
Iron (Fe):	16.13	Phosphate (PO₄):	-
Manganese (Mn):	0.01	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
160	0	149.69	92.24	0.00	-1910.10	0.00	-1727.30	-	-	1.45	4.28	0.01
80	0	118.27	112.31	0.00	93.42	0.00	-2791.50	-	-	7.44	15.55	0.01
100	0	139.13	118.31	0.00	98.95	0.00	-2622.80	-	-	4.81	13.48	0.01
120	0	151.00	115.33	0.00	96.77	0.00	-2364.70	-	-	3.18	10.95	0.01
140	0	154.35	105.89	0.00	89.03	0.00	-2055.30	-	-	2.13	7.89	0.01
160	0	149.69	92.24	0.00	77.65	0.00	-1727.30	-	-	1.45	4.28	0.02
180	0	138.85	77.10	0.00	64.96	0.00	-1406.80	-	-	1.00	0.05	0.02
200	0	124.41	62.78	0.00	52.92	0.00	-1111.50	-	-	0.71	-4.80	0.02
220	2.51	107.57	51.06	0.00	43.04	0.00	-864.97	-	-	0.50	-10.71	0.02
240	10.3	91.76	40.88	0.00	34.44	0.01	-645.10	-	-	0.36	-17.16	0.02
260	20.76	76.92	32.80	0.00	27.58	0.01	-466.71	-	-	0.27	-24.53	0.02
280	34.54	63.35	26.43	0.00	22.14	0.02	-327.72	-	-	0.20	-33.07	0.02
300	52.34	51.29	21.48	0.00	17.85	0.03	-223.80	-	-	0.15	-43.04	0.01

Conclusions:

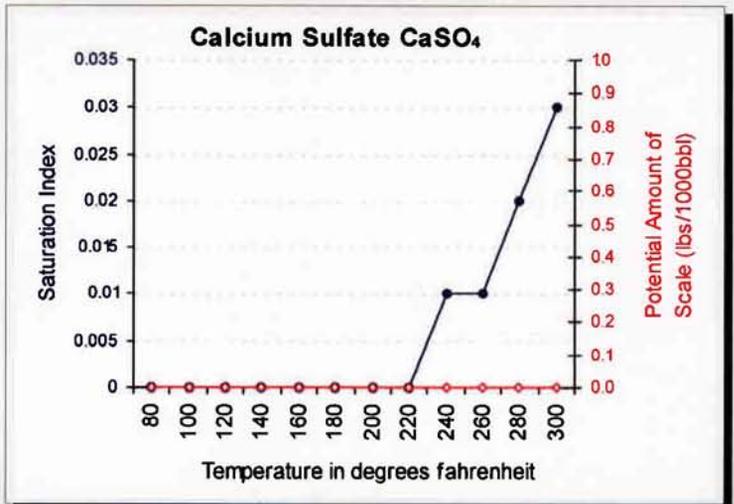
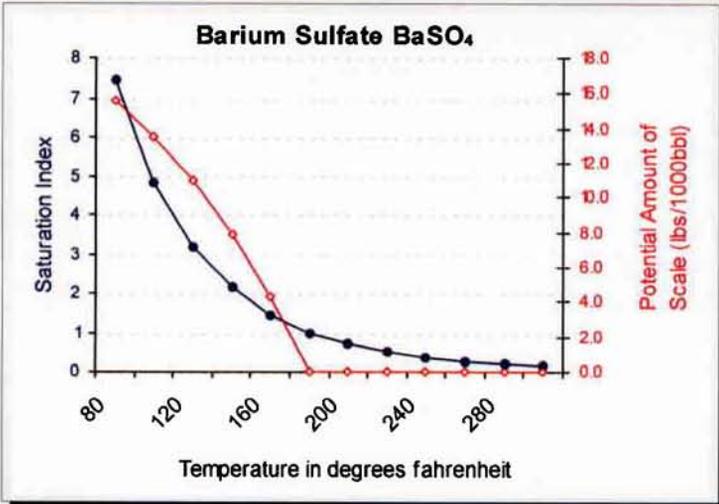
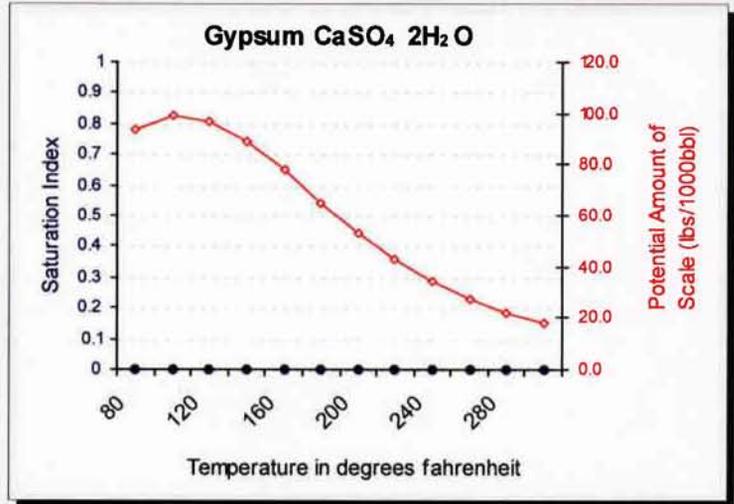
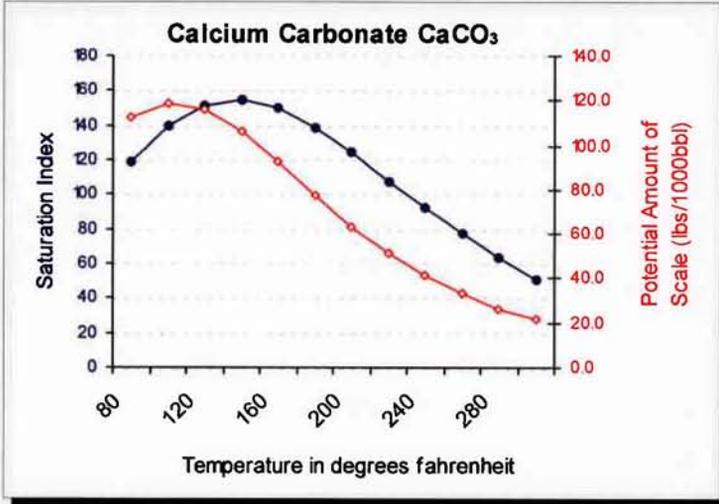
Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate NO CONCLUSION

Notes:

Scale Prediction Graphs

Well Name: FED 2-1-9-16

Sample ID: WA-20237



Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

Sample ID: **WA-19260**

Well Name: **Mon Butte Injection**

Sample Point: **Triplex Suction**

Sample Date: **1 /6 /2009**

Sales Rep: **Randy Huber**

Lab Tech: **Mike Chapman**

Sample Specifics	
Test Date:	1/7/2009
Temperature (°F):	80
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0000
pH:	7.1
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	1831
Molar Conductivity (µS/cm):	2774
Resitivity (Mohm):	3.6049

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	120.00	Chloride (Cl):	500.00
Magnesium (Mg):	-	Sulfate (SO₄):	12.00
Barium (Ba):	206.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	634.00
Sodium (Na):	355.72	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	-
Iron (Fe):	3.00	Phosphate (PO₄):	-
Manganese (Mn):	0.20	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
80	0	1.61	0.31	0.00	-1252.30	0.00	-1459.70	-	-	258.58	24.59	1.48
80	0	1.61	0.31	0.00	-14.07	0.00	-1459.70	-	-	258.58	24.59	0.64
100	0	2.23	0.55	0.00	-11.68	0.00	-1354.10	-	-	174.02	24.35	0.80
120	0	2.88	0.75	0.00	-9.81	0.00	-1205.80	-	-	120.29	24.16	0.90
140	0	3.60	0.95	0.00	-8.32	0.00	-1036.00	-	-	85.13	23.99	1.02
160	0	4.34	1.14	0.00	-7.11	0.00	-862.65	-	-	61.59	23.85	1.16
180	0	5.09	1.32	0.00	-6.12	0.01	-698.06	-	-	45.41	23.72	1.28
200	0	5.79	1.49	0.01	-5.30	0.01	-550.22	-	-	34.05	23.60	1.31
220	2.51	6.40	1.65	0.01	-4.66	0.01	-425.85	-	-	25.63	23.47	1.33
240	10.3	6.95	1.79	0.01	-4.09	0.02	-319.21	-	-	19.73	23.26	1.37
260	20.76	7.40	1.91	0.01	-3.62	0.03	-232.59	-	-	15.35	22.98	1.40
280	34.54	7.74	1.99	0.01	-3.23	0.04	-163.93	-	-	12.05	22.61	1.44
300	52.34	7.95	2.02	0.01	-2.92	0.07	-110.69	-	-	9.54	22.10	1.48

Conclusions:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F

Notes:

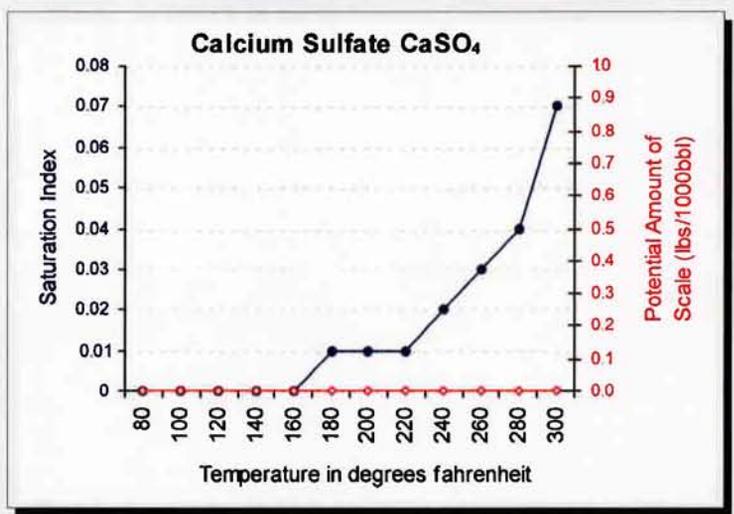
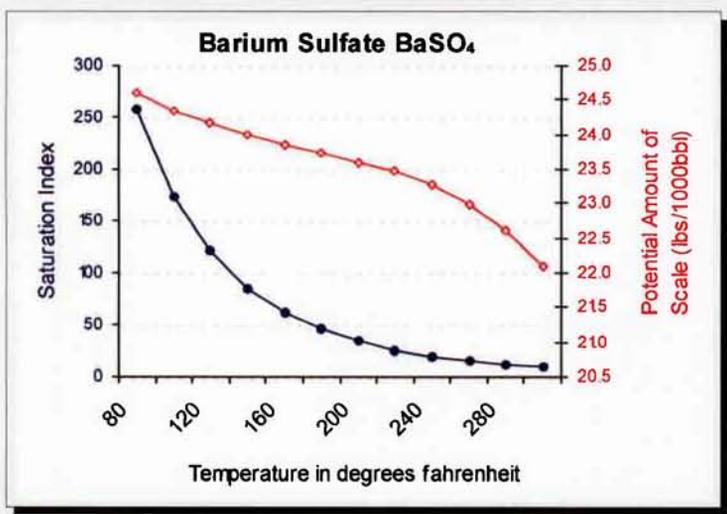
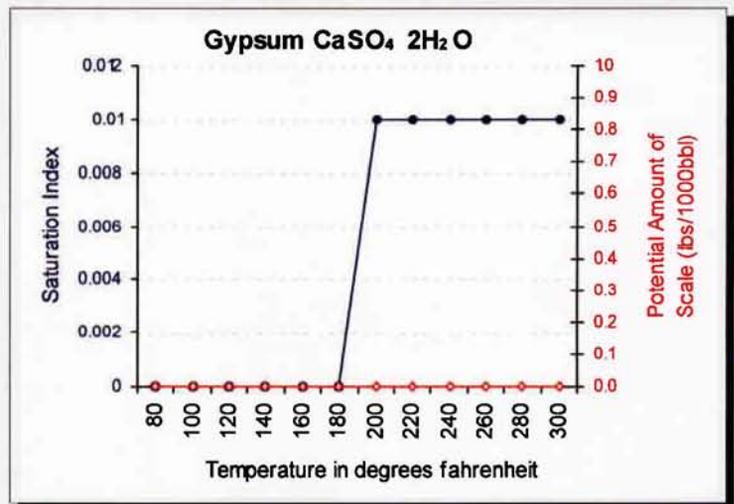
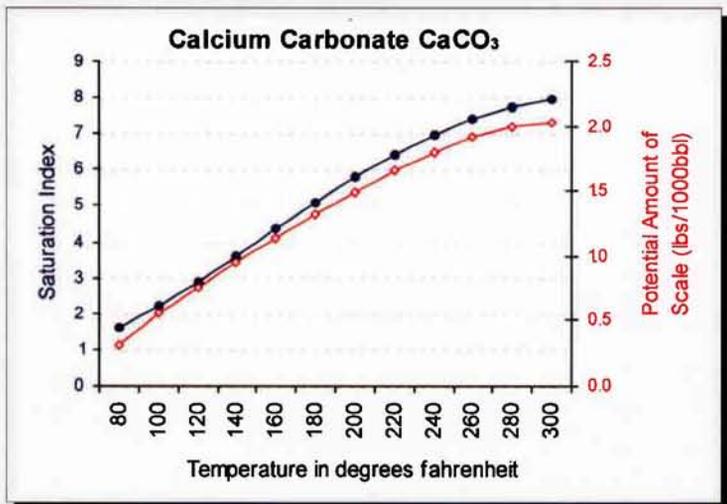


Multi-Chem Group, LLC
Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

Scale Prediction Graphs

Well Name: **Mon Butte Injection**

Sample ID: **WA-19260**



Attachment "G"

**Federal #2-1-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4026	4348	4187	1700	0.86	1674
4954	5140	5047	1650	0.77	1618 ←
				Minimum	<u>1618</u>

Calculation of Maximum Surface Injection Pressure
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

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

The Western Company

of North America

TREATMENT REPORT

Date 9-16-82 Western District Vernal 53 F. Receipt 519924
 Operator _____
 Lease Fee Well No. 2-1
 Field Duchesne Location 1-9S-16E
 County Duchesne State Utah
 Stage Number 1, This Zone This Well

WELL DATA: OG NG NO OO WD IW Misc. Depth TD/PB 5190 Formation _____
 Size Tubing -- Tubing Perf. -- Type Packer -- Set At --
 Casing Size 5-1/2 Wt. 15.5 Set From surface To 5190 Size Liner -- Wt. --
 Liner Set From -- To -- Open Hole: Size -- From -- To --
 Casing Perforations: Size .38 Holes Per Foot 2 Intervals 4954-59, 5085-90, 5075-77, 5137-40
 (16 perforations)
 Previous Treatment -- Prior Production --

TREATMENT DATA: Pad Used: Yes No Pad Type Apollo 40 & KCl water
 Treating Fluid Type: Oil Water Acid Misc Foam Emulsion
 Treating Fluid Volume Gals. 34,000 Fluid Description _____
 Total Prop Quantity 92,000 Lbs. Prop Type: Sand Beads Special None
 Prop Mesh Sizes, Types and Quantities 64,000# 20/40, 28,000# 10/20
 Hole Loaded With KCl water Treat Via: Tubing Casing Anul Tubing & Anul.
 Ball Sealers: 24 in 1 Stages of 24
 Types and Number of Pumps Used 5 Pacesetter 1000's
 Auxiliary Materials 3000 gal. 7-1/2% Spearhead HCl, 5# FR-20, 31 gal. Aquaflo, 31 gal. Claymaster, 775# Aquaseal
 Procedure Start on KCl water for 12 Bbl. then acid with 24 ball sealers, shut down, surge ball sealers, resume on pad at 1 ppg, 2 ppg, 3 ppg, 4 ppg 20/40 sand, then 4 ppg 10/20. Flush with 118 Bbl.

FLUID PUMPED AND CAPACITIES IN BBLs.	
Tubing Cap.	-
Casing Cap.	118
Annular Cap.	-
Open Hole Cap.	-
Fluid to Load	-
Pad Volume	190
Treating Fluid	633
Flush	118
Overflush	-
Total to Recover	941

Time AM/PM	Treating Pressure-Psi		Barrels Fluid Pumped	Inj. Rate BPM	REMARKS
	Tubing	Casing			
9:45		0	0.0	0.0	Start KCl water.
9:46		3000	12.0	14.0	Start acid.
9:49		2400	84.0	20.0	Start pad.
9:52		2100	118.0	10.0	Ball sealers on perforations.
9:55		3400	138.0	0.0	Shut down, perforations sealed.
9:57		1400	138.0	0.0	Resume pumping.
9:59		2200	179.0	21.0	Shut down.
10:16	1200	1200	179.0	0.0	Resume on pad.
10:19		2100	263.0	30.0	Start 1 ppg 20/40.
10:22		2000	374.0	30.0	Start 2 ppg 20/40.
10:23		1900	381.0	30.0	1 ppg on formation.
10:25		1850	489.0	30.0	Start 3 ppg 20/40.
10:26		1800	492.0	30.0	2 ppg on formation.
10:29		1800	607.0	30.0	3 ppg on formation.
10:50		1800	609.0	30.0	Start 4 ppg 20/40.
10:53		1850	727.0	30.0	4 ppg 20/40 on formation.
10:53+		1850	749.0	30.0	Start 4 ppg 10/20.
10:54		1950	857.0	30.0	4 ppg 10/20 on formation.
10:55		1950	889.0	30.0	Start flush.
11:01		2100	1007.0	35.0	All flush, shut down.
					5 minute shut-in 1500 psi
					10 minute shut-in 1400 psi
					15 minute shut-in 1400 psi

Treating Pressure: Min. 1850 Max. 2200 Avg. 1900
 Inj. Rate on Treating Fluid 30.0 Rate on Flush 35.0
 Avg. Inj. Rate 30 I.S.D.P. 1650 Flush Dens. lb/gal. 8.34
 Final Shut-in Pressure 1400 in 15 Minutes.
 Operator's Maximum Pressure 3500 (on acid)

Customer Representative Mr. Jim Scheffer
 Western Representative Jeff McPherson
 Distribution (1) Lomax Exploration
333 N. Belt #880
Houston, TX 77060
(1) Vernal District

Job Number _____

The Western Company

of North America

TREATMENT REPORT

Date 4-16-82 Western District Vernal 53 F. Receipt 564438
 Operator [REDACTED]
 Lease Federal Well No. 2-1
 Field Duchesne Location 11-9S-16E
 County Duchesne State Utah
 Stage Number 2, This Zone This Well

WELL DATA: OG NG NO OO WD IW Misc. Depth 5190 PB 5190 Formation [REDACTED]
 Size Tubing -- Tubing Perf. -- Type Packer -- Set At --
 Size Casing 5-1/2 Wt. 15.5 Set From surface To 5190 Size Liner -- Wt. --
 Liner Set From -- To -- Open Hole: Size -- From -- To --
 Casing Perforations: Size 38 Holes Per Foot 1 Intervals 4026-38, 4070, 4072, 4344, 4346, 4348

Previous Treatment -- 4-6-82 Prior Production --

TREATMENT DATA: Pad Used: Yes No Pad Type Apollo 40
 Treating Fluid Type: Oil Water Acid Misc. Foam Emulsion
 Treating Fluid Volume Gals. 27930 Fluid Description [REDACTED]
 Total Prop Quantity 67,000 Lbs. Prop Type: Sand Beads Special None
 Prop Mesh Sizes, Types and Quantities 47,000# 20/40, 20,000# 10/20
 Hole Loaded With KCl water Treat Via: Tubing Casing Anul Tubing & Anul.
 Ball Sealers: 20 In 1 Stages of 20
 Types and Number of Pumps Used (4) Pacesetter 1000's
 Auxiliary Materials 3 gal. Inhibitor, 31 gal. Aqua flow, 31 gal. Claymaster, 775#
Aquaseal, 60 cwt Potassium chloride, 5 gal. FR-20, 31 gal. Fracide, RA sand
 Procedure Start KCl water, ball sealers with acid. Shut down, surge ball sealers, shut down, resume on pad with 1 ppg 20/40, 2 ppg 20/40, 3 ppg 20/40, 4 ppg 20/40, 4 ppg 10/20. Flush with 96 Bbl.

FLUID PUMPED AND CAPACITIES IN BBLs.	
Tubing Cap.	-
Casing Cap.	123.5
Annular Cap.	-
Open Hole Cap.	-
Fluid to Load	-
Pad Volume	190.0
Treating Fluid	665.0
Flush	96.0
Overflush	-
Total to Recover	761.0

Time AM/PM	Treating Pressure-Psi		Barrels Fluid Pumped	Inj. Rate BPM	REMARKS
	Tubing	Casing			
8:22		0	0	0	Safety meeting, test lines.
8:27		3600	14	2	Start KCl water.
8:30		2400	86	22	Start ball sealers.
8:33		1200	108	8	Start pad/flush.
8:37		2000	154	20	Ball sealers on perforations.
8:51		1200	0	0	Shut down, surge ball sealers.
8:55		2200	104	30	Resume pad.
8:59		2200	200	30	Start 1 ppg 20/40.
8:59		2200	215	30	1 ppg 20/40 on perforations.
9:02		2200	311	30	Start 2 ppg 20/40.
9:03		2200	330	32	2 ppg 20/40 on perforations.
9:06		2400	426	32	Start 3 ppg 20/40.
9:07		2400	450	32	3 ppg 20/40 on perforations.
9:10		2200	546	32	Start 4 ppg 20/40.
9:12		2200	590	32	4 ppg 20/40 on perforations.
9:15		2200	686	32	Start 4 ppg 20/40.
9:16		2400	730	32	4 ppg 10/20 on perforations.
9:20		2600	826	32	Start flush.
					Shut down. ISDP 1700 psi

Treating Pressure: Min. 2100 Max. 2600 Avg. 2200
 Inj. Rate on Treating Fluid 30 Rate on Flush 30
 Avg. Inj. Rate 30 I.S.D.P. 1700 Flush Dens. lb/gal 8.34
 Final Shut-in Pressure 1500 in 15 Minutes.
 Operator's Maximum Pressure 3500

Customer Representative Mr. Jim Schaefer
 Western Representative Preston Stewart
 Distribution (1) Lomax Exploration
333 N. Belt #880
Houston, TX 77060
(1) Vernal District

Job Number

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3976'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3. Plug #2 Set 186' plug using 22 sx Class "G" cement placed 50' above Trona/Bird's Nest and 50' below base of Mahogany Oil Shale.
4. Perforate 4 JSPF @ 1587'
5. Plug #3 Set 120' CR plug using 25 sx Class "G" cement pumped 60' below CR and using 7 sx Class "G" cement pumped above CR in Uinta/Green River formation.
6. Perforate 4 JSPF @ 288'
7. Plug #4 Circulate 81 sx Class "G" cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus.

The approximate cost to plug and abandon this well is \$59,344.

Federal #2-1-9-16

Spud Date: 3/25/82

Put on Production: 4/29/82
 GL: 5341' KB: 5358'

Initial Production: 26 BOPD, 0
 MCFPD, 62 BWPD

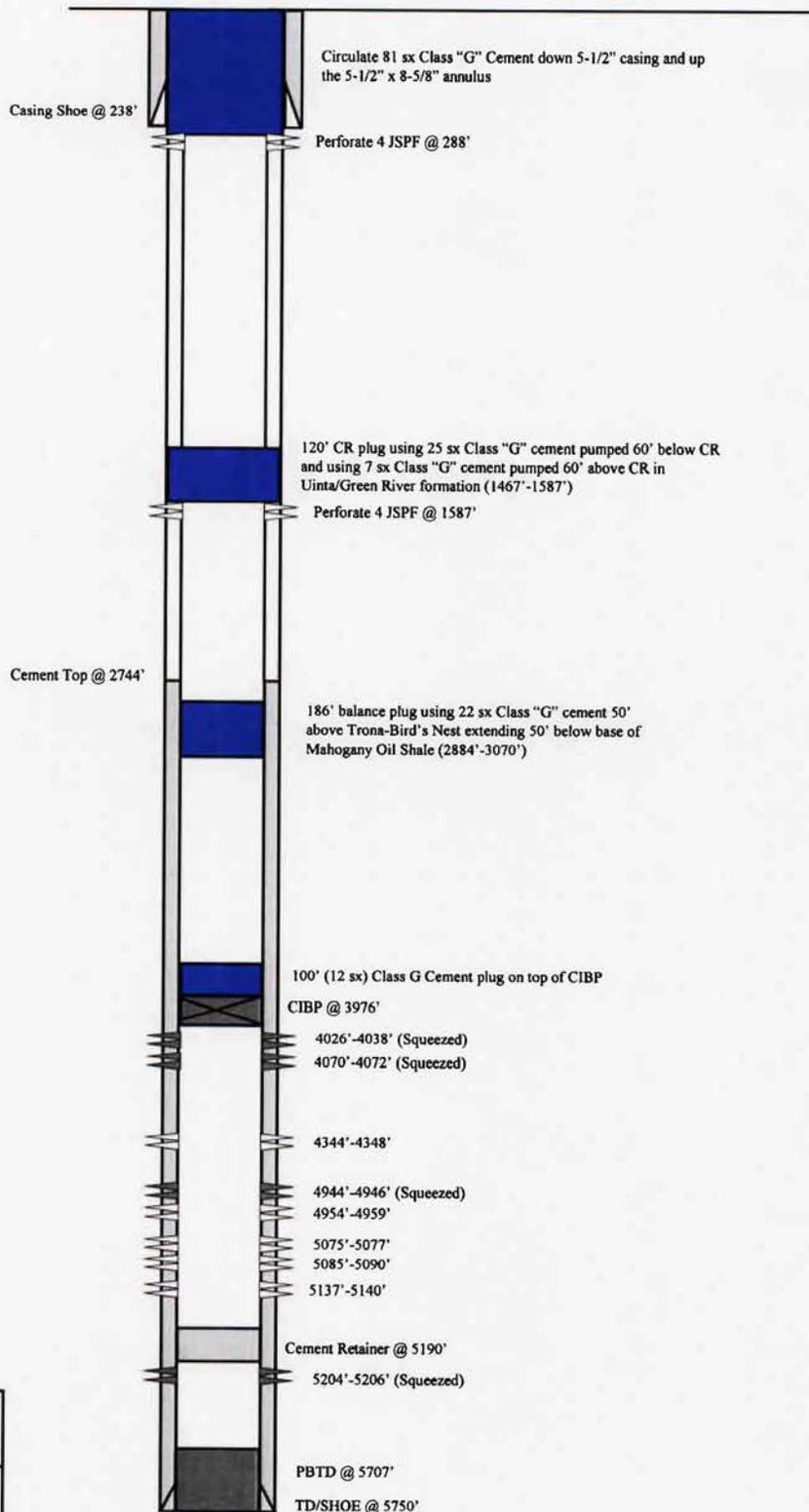
SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 221'
 DEPTH LANDED: 238' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class G

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5775'
 DEPTH LANDED: 5774' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 670 sk 50/50 Poz
 CEMENT TOP AT: 2744'

Proposed P & A Wellbore Diagram



NEWFIELD

Federal #2-1-9-16
 784' FNL & 812' FEL
 NE/NE Section 1-T9S-R16E
 Duchesne Co, Utah
 API #43-013-30603; Lease #UTU-33992

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

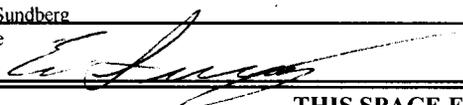
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-33992
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or JONAH UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 784 FNL 812 FEL NENE Section 1 T9S R16E		8. Well Name and No. FEDERAL 2-1
		9. API Well No. 4301330603
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

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

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

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

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Eric Sundberg	Title Regulatory Analyst
Signature 	Date 04/21/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS

Applicant: Newfield Production Company **Well:** Federal 2-1-9-16 (amended submittal)

Location: 1/9S/16E **API:** 43-013-30603

Ownership Issues: The proposed well is located on BLM land. The well is located in the Jonah Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Jonah Unit. Newfield 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 238 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,774 feet. A cement bond log demonstrates adequate bond in this well up to 2,742 feet. A 2 7/8 inch tubing with a packer will be set at 3,991. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells and 4 injection wells in the area of review. All of the wells have evidence of adequate casing and cement.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 200 feet. Injection shall be limited to the interval between 4,086 feet and 5,606 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 2-1-9-16 well is 0.77 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,618 psig. The requested maximum pressure is 1,618 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 2-1-9-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Jonah Unit on January 13, 1993. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune (published ?) and the Uinta Basin Standard (published December 18, 2001). A casing/tubing pressure test will be required prior to injection. Approval of the original application (received November 30, 2001) was granted on June 13, 2002.

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): Mark Reinbold Date 5/11/2009

From: Mark Reinbold
To: esundberg@newfield.com
Date: 5/12/2009 10:26 AM
Subject: Federal 2-1-9-16 Permit Application for Water Injection

Eric,

Federal 2-1-9-16 was approved by DOGM on June 13, 2002, for conversion to a Class II injection well. I have reviewed the new application, dated April 21, 2009, and have determined that the previous approval letter is still valid. I have attached a copy of that letter.

Mark L. Reinbold, Environmental Scientist
Utah Department of Natural Resources
Division of Oil, Gas & Mining
1594 W North Temple
PO Box 145801
Salt Lake City, UT 84114-5801
Phone 801-538-5333
Fax 801-539-3940

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>FED 2-1-9-16</u>	API Number: <u>43-0330603</u>
Qtr/Qtr: <u>NE/NE</u> Section: <u>1</u>	Township: <u>S5</u> Range: <u>16E</u>
Company Name: _____	
Lease: State <u>Utah</u> Fee _____	Federal <input checked="" type="checkbox"/> Indian _____
Inspector: <u>Donna Iny</u>	Date: <u>5/19/10</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 0 psi
 Casing/Tubing Annulus - Pressure: 1520 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1520</u>	<u>0</u>
5	<u>1520</u>	<u>0</u>
10	<u>1520</u>	<u>0</u>
15	<u>1520</u>	<u>0</u>
20	<u>1520</u>	<u>0</u>
25	<u>1520</u>	<u>0</u>
30	<u>1520</u>	<u>0</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 0 psi
 Casing/Tubing Annulus Pressure: 1520 psi

COMMENTS: Conversion

Test
 Operator Representative



May 21, 2010

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion
Federal 2-1-9-16
API # 43-013-30603

Dear Mr. Brad Hill:

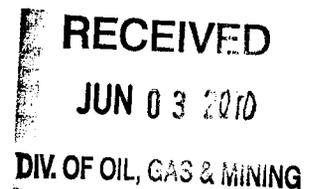
This well was converted from a producing well to an injection well. Three intervals re-perforated: B1 5075-5088', 3 JSPF; C 4954-4958', 3 JSPF & GB6 4345-4349', 3 JSPF. Please find enclosed the sundry, a copy of the tabular, and chart. If you have any questions please call me at 435-646-4874.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lucy Chavez-Naupoto".

Lucy Chavez-Naupoto
Administrative Assistant

Enclosures



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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-33992
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: GMBU
8. WELL NAME and NUMBER: FEDERAL 2-1
9. API NUMBER: 4301330603
10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	
3. ADDRESS OF OPERATOR: Route 3 Box 3630	PHONE NUMBER 435.646.3721
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 784 FNL 812 FEL	
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 1, T9S, R16E	

COUNTY: DUCHESNE
STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/19/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" 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 type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

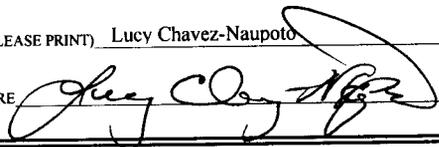
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 05/18/10.

Three interval were re-perforated, B1 sands - 5075-5088' 3JSPF, C sands - 4954-4958' 3JSPF & GB6 sands - 4345-4349' 3JSPF.

On 05/19/10 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 05/19/10. On 05/19/10 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 a State representative available to witness the test. (Dennis Ingram)

API# 43-013-30603

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	TITLE Administrative Assistant
SIGNATURE 	DATE 05/21/2010

(This space for State use only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
784 FNL 812 FEL
NENE Section 1 T9S R16E

5. Lease Serial No.

USA UTU-33992

6. If Indian, Allottee or Tribe Name.

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

GMBU

8. Well Name and No.

FEDERAL 2-1

9. API Well No.

4301330603

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

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

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

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

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Three interval were re-perforated, B1 sands - 5075-5088' 3JSPF, C sands - 4954-4958' 3JSPF & GB6 sands - 4345-4349' 3JSPF.

On 05/19/10 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 05/19/10. On 05/19/10 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 a State representative available to witness the test. (Dennis Ingram)

API# 43-013-30603

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Administrative Assistant

Date

05/21/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 5/19/10 Time 11:00 (am) pm

Test Conducted by: Newfield EXPLORATION

Others Present: _____

Well: <u>Federal 2-1-9-16</u>	Field: <u>MONUMENT BUTTE</u>
Well Location: <u>NE/NE, Sec 1, T9S, R16E</u>	API No: <u>43-013-30603</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1520</u>	psig
5	<u>1520</u>	psig
10	<u>1520</u>	psig
15	<u>1520</u>	psig
20	<u>1520</u>	psig
25	<u>1520</u>	psig
30 min	<u>1520</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: [Signature]

Signature of Person Conducting Test: [Signature]

Daily Activity Report

Format For Sundry

FEDERAL 2-1-9-16

3/1/2010 To 7/30/2010

5/13/2010 Day: 1

Conversion

Nabors #809 on 5/13/2010 - Move rig on well. Test tbg. TOOH w/ rods laying down on trailer. - Shut unit down. MIRUSU. Pump 65 bbls water down casing. Unseat pump. Soft seat pump. Test tbg to 3000 psi. Fish rods. Flush rods w/ 40 bbls water. TOOH w/ rods laying down on trailer. Half way out SIFN.

Daily Cost: \$0

Cumulative Cost: (\$10,836)

5/14/2010 Day: 2

Conversion

Nabors #809 on 5/14/2010 - LD rods. TOOH w/ tbg . LD extra tbg. Re-perferate zones. - Open well 0 psi. Continue to LD rods on trailer. Flush rod w/ 35 bw. Release TA. RU BOP's. TOOH w/ tbg tally, breaking, doping & inspecting every pin. Flush tbg w/ 40 bbls water. LD extra tbg. RU Perforators LLC WLT. RIH w/ 3-1/8" Port Guns (11 gram, .36"EH, 120°, 16.82"pen) w/ gauge ring (WLTD @ 5182'). Re-perferate B1 sds @ 5085-88', 5075-79', C sds @ 4954-58', GB6 sds @ 4354-49' w/ 3 spf for total of 45 shots. SIFN.

Daily Cost: \$0

Cumulative Cost: (\$764)

5/16/2010 Day: 3

Conversion

Nabors #809 on 5/16/2010 - Tally pickup & TIH w/ tools. Break down zones on way in hole. - RU Weatherford "TS" RBP, retrieving head, 2-3/8" X 4' pump joint, "HD" packer, SN, 143 jts tbg. Break zones down on TIH. Set RBP @ 5115'. Leave pkr hang @ 5032'. Well ready for frac crew. SIFN.

Daily Cost: \$0

Cumulative Cost: \$5,866

5/17/2010 Day: 4

Conversion

Nabors #809 on 5/17/2010 - Frac well. LD frac string. - Stage #3 GB6 sds; Set RBP @ 4400'. TOOH w/ tbg & set pkr @ 4306'. Fill casing w/ 2 bbls. RU BJ Services & perfs broke down @ 3144 psi w/ 3 bbls back to 3148 psi. Frac w/ 9.457#'s of 20/40 sand in 139 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3611 @ ave rate of 15 bpm w/ 6 ppg of sand. ISIP was 1984 w/ .89 FG. Flow well back. Well flowed for 1 hour & rec'd 75 bbls fluid. Release Pkr & circulate tbg clean. TIH w/ tbg to tag 15' of sand. Release RBP @ 5115'. TOOH w/ tbg. Circulate hot water down tbg. Laying N-80 down on trailer. - Stage #1 B1 sds; Set pkr @ 5022'. Fill casing w/ 23 bbls. RU BJ Services & perfs broke down @ 3226 psi w/ 15 bbls back to 3229 psi. Frac w/ 13,712#'s of 20/40 sand in 205 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3932 @ ave rate of 15 bpm w/ 6 ppg of sand. ISIP was 4285 w/ 1.3 FG. Flow well back. Well flowed for 10 min & rec'd 10 bbls fluid. Release Pkr & circulate tbg clean. TIH w/ tbg to tag 2' of sand. Release RBP @ 5115'. TOOH w/ tbg. - Stage #2 C sds; Set RBP @ 5000'. TOOH w/ tbg & set pkr @ 4909'. Fill casing w/ 2 bbls. RU BJ Services & perfs broke down @ 1906 psi w/ 3 bbls back to 2000 psi. Frac w/ 9,056#'s of 20/40 sand in 140 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3527 @ ave rate of 15 bpm w/ 6 ppg of sand. ISIP was 2347 w/ .91 FG. Flow well back. Well flowed for 8 min & rec'd 12 bbls fluid.

Release Pkr & circulate tbg clean. TIH w/ tbg to tag 6' of sand. Release RBP @ 5115'. TOOH w/ tbg.

Daily Cost: \$0

Cumulative Cost: \$44,963

5/18/2010 Day: 5

Conversion

Nabors #809 on 5/18/2010 - Set ArrowPack WL packer. Test tbg in hole. Set Arrow Set packer. Well ready for MIT. - RU Perforators LLC WLT w/ pack-off tool. RIH w/ ArrowPack WL packer w/ Wire line entry guide & set @ 4091'. RU Stinger, 2-3/8" SN, X-over sub, 2 jts 2-7/8" tbg, Arrow Set 1 Packer, 20 std tbg. RU Hot Oiler & test tbg to 4500 psi. TIH w/ 20 std tbg & test to 3500 psi. TIH w/ tbg total of 124 jts, 2- 8', 1- 4' pup joints, 1 jt tbg. Test tbg to 3000 psi for 1/2 hour. RD floor & BOP's. Pump 65 bbls of packer fluid. Set Arrow set 1 packer @ 3999' w/ CE @ 3995'. Test casing to 1400 psi for 1/2 hour w/ no pressure loss.

Daily Cost: \$0

Cumulative Cost: \$73,655

5/20/2010 Day: 6

Conversion

Rigless on 5/20/2010 - Conversion MIT - On 5/19/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the conversion MIT on the above listed well (Federal 2-1-9-16). Permission was given to perform the test (5/19/2010). On 5/19/2010 the casing was pressured up to 1520 PSIG and charted for 30 Minutes with no pressure lose. The tubing pressure was 0 PSIG during the test. The well was not injecting during the test. There was a State representative available to witness the test. (Dennis Ingram) API # 43-013-30603

Finalized

Daily Cost: \$0

Cumulative Cost: \$98,975

Pertinent Files: Go to File List



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-283

Operator: Newfield Production Company
Well: Federal 2-1-9-16
Location: Section 1, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-30603
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 13, 2002.
2. Maximum Allowable Injection Pressure: 1,618 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,086' – 5,606')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____

Clinton R. Dworshak
Clint Dworshak
Acting Associate Director

6/8/2010
Date

CLD/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-33992

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
FEDERAL 2-1

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301330603

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

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 784 FNL 812 FEL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 1, T9S, R16E 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 06/22/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put on Injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

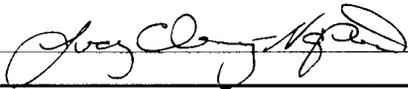
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 4:00 PM on 06-22-2010.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 06/23/2010

(This space for State use only)

RECEIVED

JUN 29 2010

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 784 FNL 812 FEL
 NENE Section 1 T9S R16E

5. Lease Serial No.
 USA UTU-33992

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 2-1

9. API Well No.
 4301330603

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

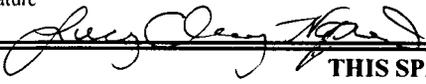
11. County or Parish, State
 DUCHESNE, UT

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

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

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

The above reference well was put on injection at 4:00 PM on 06-22-2010.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Administrative Assistant
Signature 	Date 06/23/2010

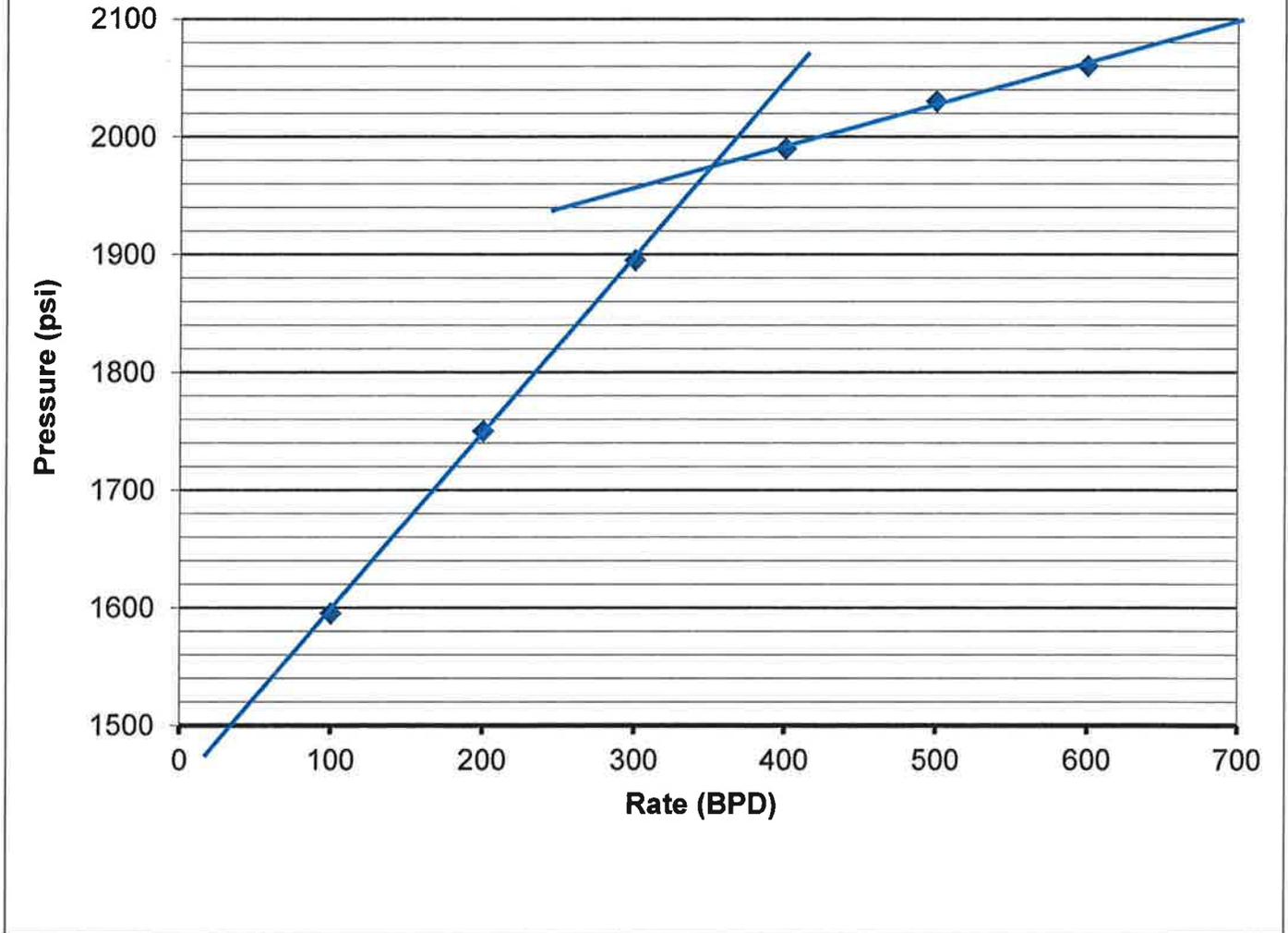
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

**Federal 2-1-9-16
Greater Monument Butte Unit
Step Rate Test
October 12, 2011**



Start Pressure:

1450 psi

Top Perforation:

4344 feet

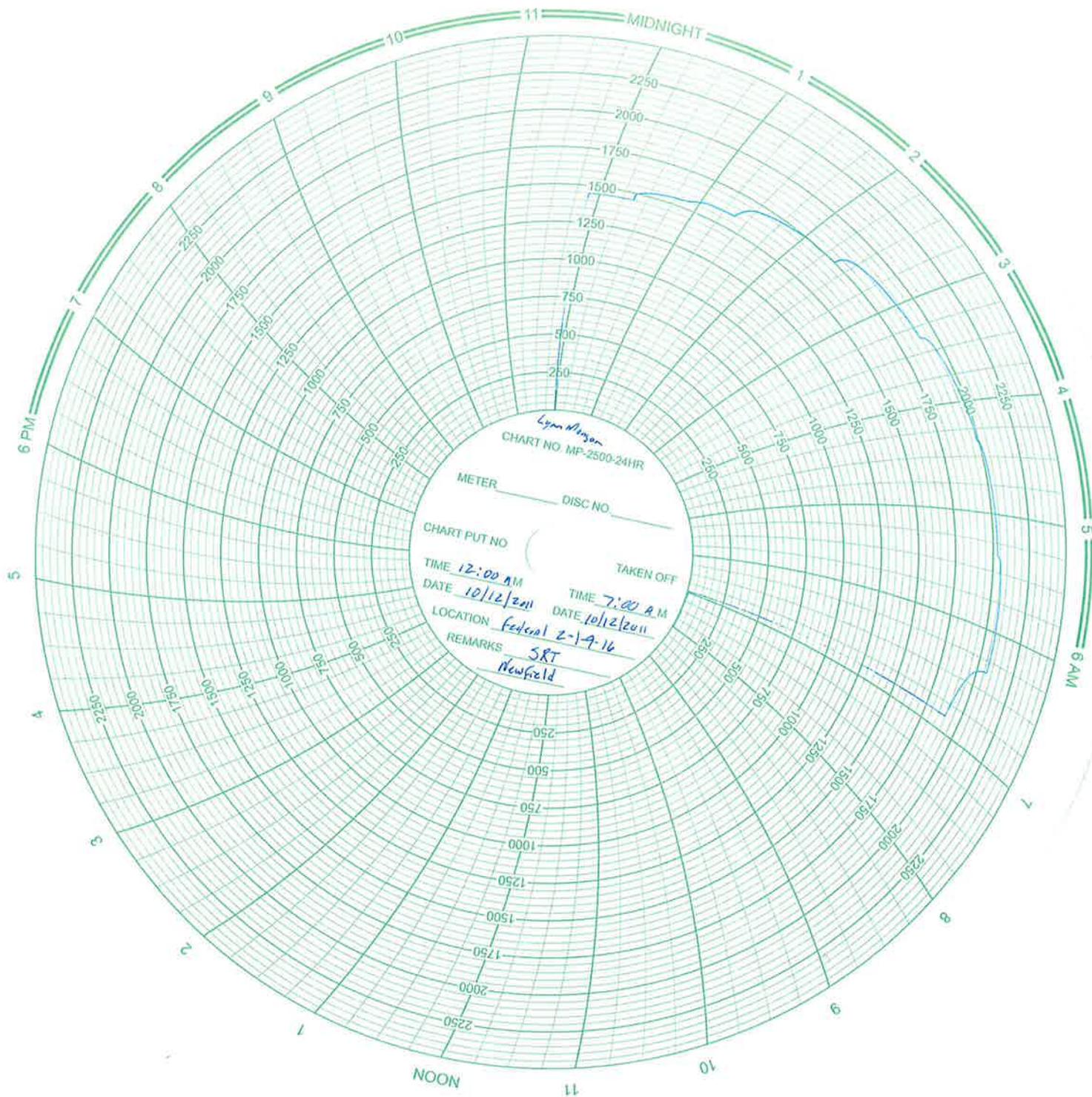
Fracture pressure (Pfp):

1975 psi

FG:

0.894 psi/ft

<u>Step</u>	<u>Rate(bpd)</u>	<u>Pressure(psi)</u>
1	100	1595
2	200	1750
3	300	1895
4	400	1990
5	500	2030
6	600	2060



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-33992
1. TYPE OF WELL Water Injection Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: FEDERAL 2-1
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0784 FNL 0812 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013306030000
PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/3/2014	<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: Workover MIT/ Concentric In

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

The above subject well had workover procedures performed - Water Isolation/Concentric Injection. On 06/02/2014 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 06/03/2014 the csg was pressured up to 1359 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure for the 1.6 tbg was 650 psig and the tbg pressure for the 2-7/8" was 750 psig during the test. There was not a State representative available to witness the test. Newfield will identify this well as Federal 2-1-9-16D.

**Accepted by the
Utah Division of
Oil, Gas and Mining
June 17, 2014**

Date: _____
By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/4/2014	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 6/3/2014 Time 12:43 am pm

Test Conducted by: Kim Giles

Others Present: _____

Concentric Conversion

Well: <u>Federal 2-1-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NE/NE Sec -1, T9S, R16E Duchesne County Utah</u>	API No: <u>43-013-30603</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1359</u>	psig
5	<u>1359</u>	psig
10	<u>1359</u>	psig
15	<u>1359</u>	psig
20	<u>1359</u>	psig
25	<u>1359</u>	psig
30 min	<u>1359</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

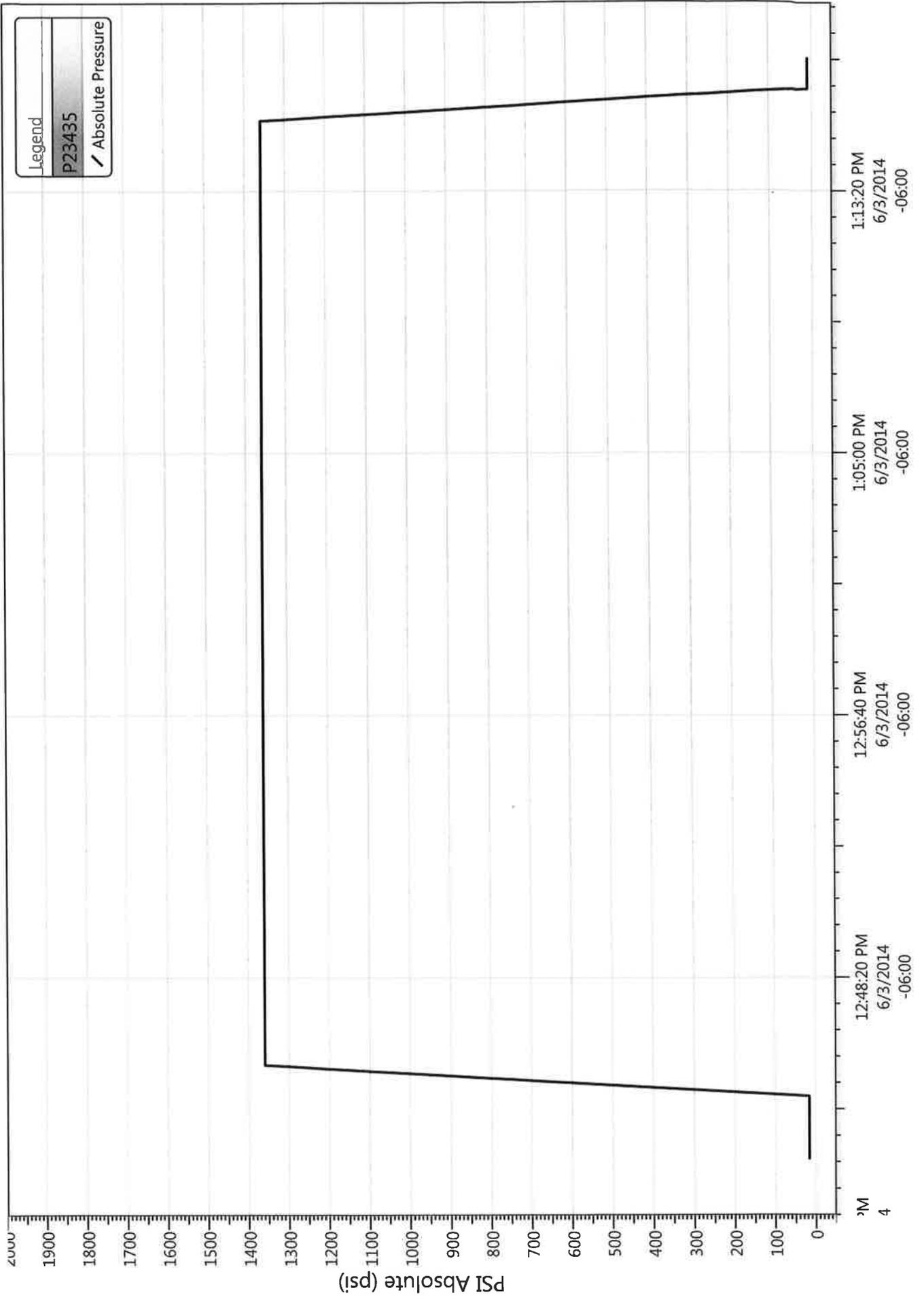
Tubing pressure: 2 7/8 - 750 - 1660 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Kim Giles

2-1-9-16 concentric conversion
6/3/2014 12:41:52 PM





Well Name: Federal 2-1-9-16

Jobs	
Primary Job Type Reconfigure Tubing / Components	Job Start Date 5/28/2014
	Job End Date 6/3/2014

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
5/28/2014	5/28/2014	MIRU
Start Time	End Time	Comment
06:00	07:00	Crew Travel & Safety MTG
Start Time	End Time	Comment
07:00	09:30	Load out & move from GMBU S-9 To FED 2-1, MIRU Same
Start Time	End Time	Comment
09:30	11:00	Flow back well, flowed 60 BBLs H2O
Start Time	End Time	Comment
11:00	11:30	ND Well head, Strip on 5000# BOPS, RU Floor & TBG Works
Start Time	End Time	Comment
11:30	13:30	Try flushing TBG, Pumped 20 BBLs H2O, Pressured up slowly to 1500 PSI, Worked TBG Up & down a few times trying to free up elements, No good pumped A TOT of 35 BBLs H2O
Start Time	End Time	Comment
13:30	15:00	LD 1 JT, 1-4' SUB 2-8' SUBS & TOO H W/ 1 JT, 1-4' SUB, 2-8' SUBS & 127 JTS 2 7/8 TBG, LD Arrowset-1 PKR, X-Over, PSN, X-Over, & Stinger
Start Time	End Time	Comment
15:00	18:30	PU & TIH W/ Arrowpak RET Tool & 128 JTS 2 7/8" TBG, EOT @ 4049', Pump 20 GALS Of solvent & 5 BBLs 15% HCL, Chase acid to EOT W/ 27 BBLs H2O @ 1BPM, REV Acid out W/ 40 BBLs H2O CIRC SV To PSN, Test TBG To 3000 PSI-OK, RU & RIH W/ Sandline RET SV, POOH & Rack out sandline, CW
Start Time	End Time	Comment
18:30	19:30	Crew Travel
Report Start Date	Report End Date	24hr Activity Summary
5/29/2014	5/29/2014	RELEASE PKR, TOO H TBG, LAND HANGER
Start Time	End Time	Comment
06:00	07:00	CREW TRAVEL
Start Time	End Time	Comment
07:00	08:00	PU 5 JTS 2 7/8 TBG, REL 5 1/2" Arrow pak PKR, CONT PU 30 JTS 2 7/8 TBG, Tag @ 5177', LD 5 JTS
Start Time	End Time	Comment
08:00	11:00	TOOH Breaking every collar W/ 29 JTS 2 7/8 TBG, CONT TOO H W/ 128 JTS 2 7/8" TBG LD 5 1/2" Arrow pak PKR, Stopped once & flushed TBG W/ 20 BBLs
Start Time	End Time	Comment
11:00	12:30	PU & TIH W/ 2 7/8 RE entry guide, 5 1/2 Arrowset-1 PKR, 2 7/8" PBR, 7 JTS 2 7/8 TBG, 2 7/8" 4' PERF SUB, 12 JTS 2 7/8 TBG, 6' PERF Sub, 2 7/8" PSN, 3 JTS 2 7/8" TBG, 5 1/2" HRP PKR & 135 JTS 2 7/8 TBG
Start Time	End Time	Comment
12:30	13:30	Wait on hanger
Start Time	End Time	Comment
13:30	15:00	Try landing hanger, one landing pin was partially in & gouged hanger, send hanger in to get fixed, CWI @ 3:00
Start Time	End Time	Comment
15:00	16:00	CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary
5/30/2014	5/30/2014	RD FLOOR & TBG WORKS, SET PKR, TRY SETTING HPR PKR WOULD NOT HOLD PSR, RET SV CIRC NEW SV TO PSN
Start Time	End Time	Comment
05:00	06:00	CREW TRAVEL & SAFETY MTG
Start Time	End Time	Comment
06:00	07:00	SAFETY STAND DOWN
Start Time	End Time	Comment
07:00	08:00	Land TBG W/ Hanger, RD Floor & TBG Works, strip off 5000# BOPS, Set 5 1/2 Arrowset-1 PKR W/ 5000# Tension @ 5029', Land TBG W/ Hanger NU



Well Name: Federal 2-1-9-16

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Start Time	08:00	End Time	10:00	Comment	Well head, CIRC SV To PSN, Test TBG TO 1500 PSI, CIRC 70 BBLs Fresh H2O & PKR Fluid down CSG
Start Time	10:00	End Time	13:30	Comment	Try setting HRP PKR, It would pressure up to 2400 PSI & Start INJ, Would not hold PRESS, RET SV, CIRC new SV To PSN, Same thing would start inj @ 2400 PSI, PU on TBG, Neither PKR Was set, NU 5000# BOPS, RU Floor & TBG Works
Start Time	13:30	End Time	14:30	Comment	TOOH W/ 135 JTS LD 5 1/2 HRP PKR, Seals was bad in PKR, CONT TOOH W/ 22 JTS LD Both PERF Subs
Start Time	14:30	End Time	16:30	Comment	PU & TIH W/ 5 1/2 Arrowset-1 PKR, PBR 1 JT PSN & 134 JTS 2 7/8 TBG, Set PKR @ 4293', Test squeeze PERFS @ 4026-42' To 1500 PSI-OK, REL PKR CWI @ 5:30
Start Time	16:30	End Time	17:30	Comment	CREW TRAVEL
Report Start Date	6/2/2014	Report End Date	6/2/2014	24hr Activity Summary PU & TIH W/ PKR ASSY, RD FLOOR & TBG WORKS	
Start Time	06:00	End Time	07:00	Comment	CREW TRAVEL & SAFETY MTG
Start Time	07:00	End Time	07:45	Comment	TOOH W/ 135 JTS 2 7/8 TBG, LD 5 1/2 Arrowset-1 PKR
Start Time	07:45	End Time	09:15	Comment	PU & TIH W/ 2 7/8 Re entry guide, 5 1/2" Arrowset-1 PKR, PBR, 7 JTS 2 7/8 TBG, 4' PERF Sub, 12 JTS 2 7/8 TBG, 6' PERF SUB, PSN, 3 JTS 2 7/8 TBG 5 1/2" HRP PKR & 135 JTS 2 7/8 TBG
Start Time	09:15	End Time	11:00	Comment	RD Floor & TBG Works, Strip off 5000# BOPS, Land TBG W/ Hanger, CIRC SV To PSN, Test TBG To 1500 PSI for 30 MIN-OK
Start Time	11:00	End Time	12:30	Comment	CIRC 70 BBLs H2O & PKR Fluid down CSG, Set 5 1/2" HRP PKR 4293' @C 2400 PSI, RET SV POOH & Rack out sandline
Start Time	12:30	End Time	14:30	Comment	Test TBG & PKR To 1500 PSI For 30 MIN-OK
Start Time	14:30	End Time	18:00	Comment	PU & Talley Stinger & 155 JTS 1.66 TBG, Tag PBR, LD 2 JTS 1.66 TBG, Land TBG W/ Hanger, Wait on JT to get cut to space out well, CWI @ 6:30
Start Time	18:00	End Time	19:00	Comment	CREW TRAVEL
Report Start Date	6/3/2014	Report End Date	6/3/2014	24hr Activity Summary LAND 1.66 TBG. Perform MIT	
Start Time	06:00	End Time	07:00	Comment	CREW TRAVEL & SAFETY MTG
Start Time	07:00	End Time	11:30	Comment	Wait on JT of 1.66 TBG to be cut to land well
Start Time	11:30	End Time	12:45	Comment	Land TBG on hanger W/ 3000# compression, RD Floor & TBG Works, NU Well head
Start Time	12:45	End Time	13:15	Comment	Do MIT-Good Test On 06/02/2014 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 06/03/2014 the csg was pressured up to 1359 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test.
Start Time	13:15	End Time	14:30	Comment	RDMO

NEWFIELD

Schematic

Well Name: Federal 2-1-9-16

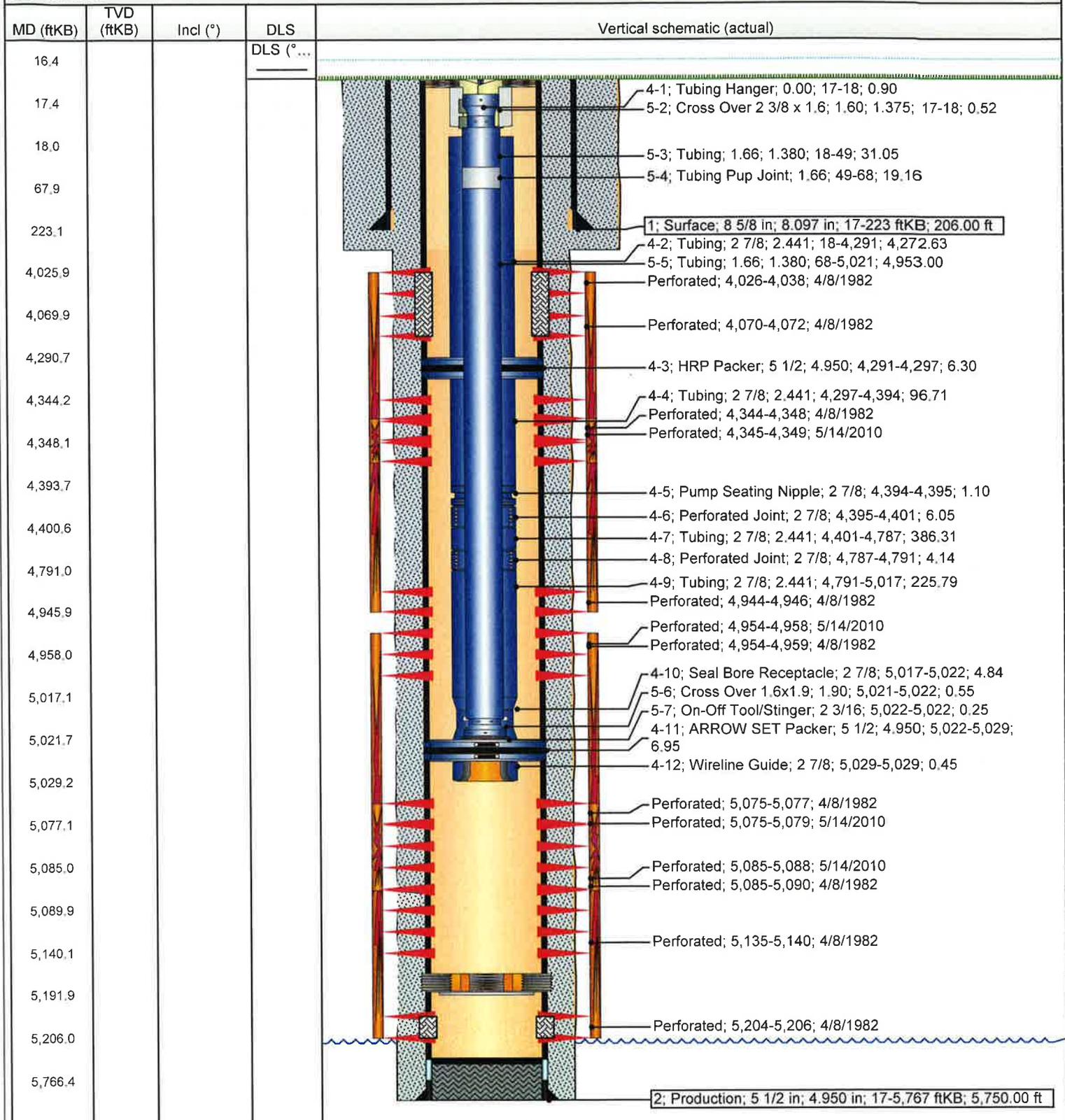
Surface Legal Location 01-9S-16E		API/UWI 43013306030000	Well RC 500151802	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 4/29/1982	Original KB Elevation (ft) 5,358	Ground Elevation (ft) 5,341	Total Depth All (TVD) (ftKB)	FBTD (All) (ftKB) Original Hole - 5,765.8	

Most Recent Job

Job Category Production / Workover	Primary Job Type	Secondary Job Type N/A	Job Start Date 5/28/2014	Job End Date 6/3/2014
---------------------------------------	------------------	---------------------------	-----------------------------	--------------------------

TD: 5,767.0

Vertical - Original Hole, 6/4/2014 11:13:07 AM



NEWFIELD**Newfield Wellbore Diagram Data
Federal 2-1-9-16**

Surface Legal Location 01-9S-16E				API/UWI 43013306030000			Lease				
County DUCHESNE		State/Province Utah		Basin Uintah Basin			Field Name GMBU CTB5				
Well Start Date 3/25/1982		Spud Date		Final Rig Release Date			On Production Date 4/29/1982				
Original KB Elevation (ft) 5,358	Ground Elevation (ft) 5,341	Total Depth (ftKB) 5,767.0		Total Depth All (TVD) (ftKB)			PBTD (All) (ftKB) Original Hole - 5,765.8				
Casing Strings											
Csg Des		Run Date		OD (in)		ID (in)		WVLen (lb/ft)		Grade	Set Depth (ftKB)
Surface		3/22/1982		8 5/8		8.097		24.00		J-55	223
Production		4/3/1982		5 1/2		4.950		15.50		J-55	5,767
Cement											
String: Surface, 223ftKB 3/22/1982											
Cementing Company				Top Depth (ftKB) 17.0		Bottom Depth (ftKB) 225.0		Full Return? No		Vol Cement Ret (bbl)	
Fluid Description 2% CaCl				Fluid Type Lead		Amount (sacks) 150		Class G		Estimated Top (ftKB) 17.0	
String: Production, 5,767ftKB 4/3/1982											
Cementing Company				Top Depth (ftKB) 17.0		Bottom Depth (ftKB) 5,767.0		Full Return?		Vol Cement Ret (bbl)	
Fluid Description 5% KCL, 0.75% D-19, 0.75% D-31				Fluid Type Lead		Amount (sacks) 670		Class 50/50		Estimated Top (ftKB) 17.0	
String: Production, 5,767ftKB 4/10/1982											
Cementing Company				Top Depth (ftKB) 5,204.0		Bottom Depth (ftKB) 5,206.0		Full Return?		Vol Cement Ret (bbl)	
Fluid Description				Fluid Type Squeeze		Amount (sacks)		Class G		Estimated Top (ftKB) 5,204.0	
String: Production, 5,767ftKB 10/29/1993											
Cementing Company				Top Depth (ftKB) 4,026.0		Bottom Depth (ftKB) 4,072.0		Full Return?		Vol Cement Ret (bbl)	
Fluid Description				Fluid Type Squeeze		Amount (sacks) 100		Class G		Estimated Top (ftKB) 4,026.0	
Tubing Strings											
Tubing Description Tubing				Run Date 5/30/2014			Set Depth (ftKB) 5,029.2				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)		Btm (ftKB)		
Tubing Hanger	1	0.0				0.90	17.0	17.9			
Tubing	135	2 7/8	2.441	6.50	J-55	4,272.63	17.9	4,290.5	4,290.5		
HRP Packer	1	5 1/2	4.950		J-55	6.30	4,290.5	4,296.8	4,296.8		
Tubing	3	2 7/8	2.441	6.50	J-55	96.71	4,296.8	4,393.5	4,393.5		
Pump Seating Nipple		2 7/8				1.10	4,393.5	4,394.6	4,394.6		
Perforated Joint		2 7/8			J-55	6.05	4,394.6	4,400.7	4,400.7		
Tubing	12	2 7/8	2.441	6.50	J-55	386.31	4,400.7	4,787.0	4,787.0		
Perforated Joint		2 7/8			J-55	4.14	4,787.0	4,791.1	4,791.1		
Tubing	7	2 7/8	2.441	6.50	J-55	225.79	4,791.1	5,016.9	5,016.9		
Seal Bore Receptacle		2 7/8				4.84	5,016.9	5,021.8	5,021.8		
ARROW SET Packer		5 1/2	4.950			6.95	5,021.8	5,028.7	5,028.7		
Wireline Guide		2 7/8				0.45	5,028.7	5,029.2	5,029.2		
Tubing Description 1.66" Inner Tubing String				Run Date 6/3/2014			Set Depth (ftKB) 5,021.8				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)		Btm (ftKB)		
Tubing Hanger - Inner String	1					0.90	16.3	17.2	17.2		
Cross Over 2 3/8 x 1.6	1	1.6	1.375			0.52	17.2	17.8	17.8		
Tubing	1	1.66	1.380	2.30	J-55	31.05	17.8	48.8	48.8		
Tubing Pup Joint	1	1.66				19.16	48.8	68.0	68.0		
Tubing	153	1.66	1.380	2.30	J-55	4,953.00	68.0	5,021.0	5,021.0		
Cross Over 1.6x1.9	1	1.9				0.55	5,021.0	5,021.5	5,021.5		
On-Off Tool/Stinger		2 3/16				0.25	5,021.5	5,021.8	5,021.8		
Rod Strings											
Rod Description				Run Date			Set Depth (ftKB)				
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)		Btm (ftKB)			

NEWFIELD**Newfield Wellbore Diagram Data
Federal 2-1-9-16**

Other In Hole				
Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
5-1/2" Cement Retainer	5,190	5,192	4/9/1982	

Perforation Intervals							
Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
1	YELLOW1, Original Hole	4,026	4,038	1			4/8/1982
2	YELLOW1, Original Hole	4,070	4,072	1			4/8/1982
3	YELLOW3, Original Hole	4,344	4,348	1			4/8/1982
10	GB6, Original Hole	4,345	4,349	3	120	0.000	5/14/2010
4		4,944	4,946	2			4/8/1982
5	RED5, Original Hole	4,954	4,959	1			4/8/1982
11	C, Original Hole	4,954	4,958	3	120	0.000	5/14/2010
6	GREEN1, Original Hole	5,075	5,077	1			4/8/1982
12	B1, Original Hole	5,075	5,079	3	120	0.000	5/14/2010
7	GREEN1, Original Hole	5,085	5,090	1			4/8/1982
13	B1, Original Hole	5,085	5,088	3	120	0.000	5/14/2010
8	GREEN MKR, Original Hole	5,135	5,140	1			4/8/1982
9		5,204	5,206	2			4/8/1982

Stimulations & Treatments							
Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1							
2							
3	4,285	1.3	15.0	5,367			
4	2,347	0.91	15.0	4,556			
5	1,984	0.89	15.0	5,080			

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 63003 lb
2		Proppant White Sand 63003 lb
3		Proppant White Sand 13712 lb
4		Proppant White Sand 9056 lb
5		Proppant White Sand 9457 lb

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-33992
		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 2-1-9-16D
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013306030000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0784 FNL 0812 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 09.0S Range: 16.0E 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: 11/10/2014	<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="Workover MIT"/>

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

The above subject well had workover procedures performed (packer repair), attached is a daily status report. On 11/07/2014 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 11/10/2014 the csg was pressured up to 1403 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure for the 1.6 tbq was 975 psig and the tbq pressure for the 2-7/8" was 850 psig during the test. There was not a State representative available to witness the test.

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

Date: ~~November 25, 2014~~By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/12/2014	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date: 11/10/2014 Time: 12:45 P.M.

Test Conducted by: Everett Unruh

Others Present: _____

Well:	Federal 2-1-9-16	Field:	Monument Butte
Well Location:	NENE Sec 1 T9S R16E Duchesne County, UT	API No:	43-013-30603

Time	Casing Pressure
0 min	<u>1402</u> psig
5	<u>1403</u> psig
10	<u>1403</u> psig
15	<u>1403</u> psig
20	<u>1403</u> psig
25	<u>1403</u> psig
30 min	<u>1403</u> psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing Pressure: 975 D-850 psig

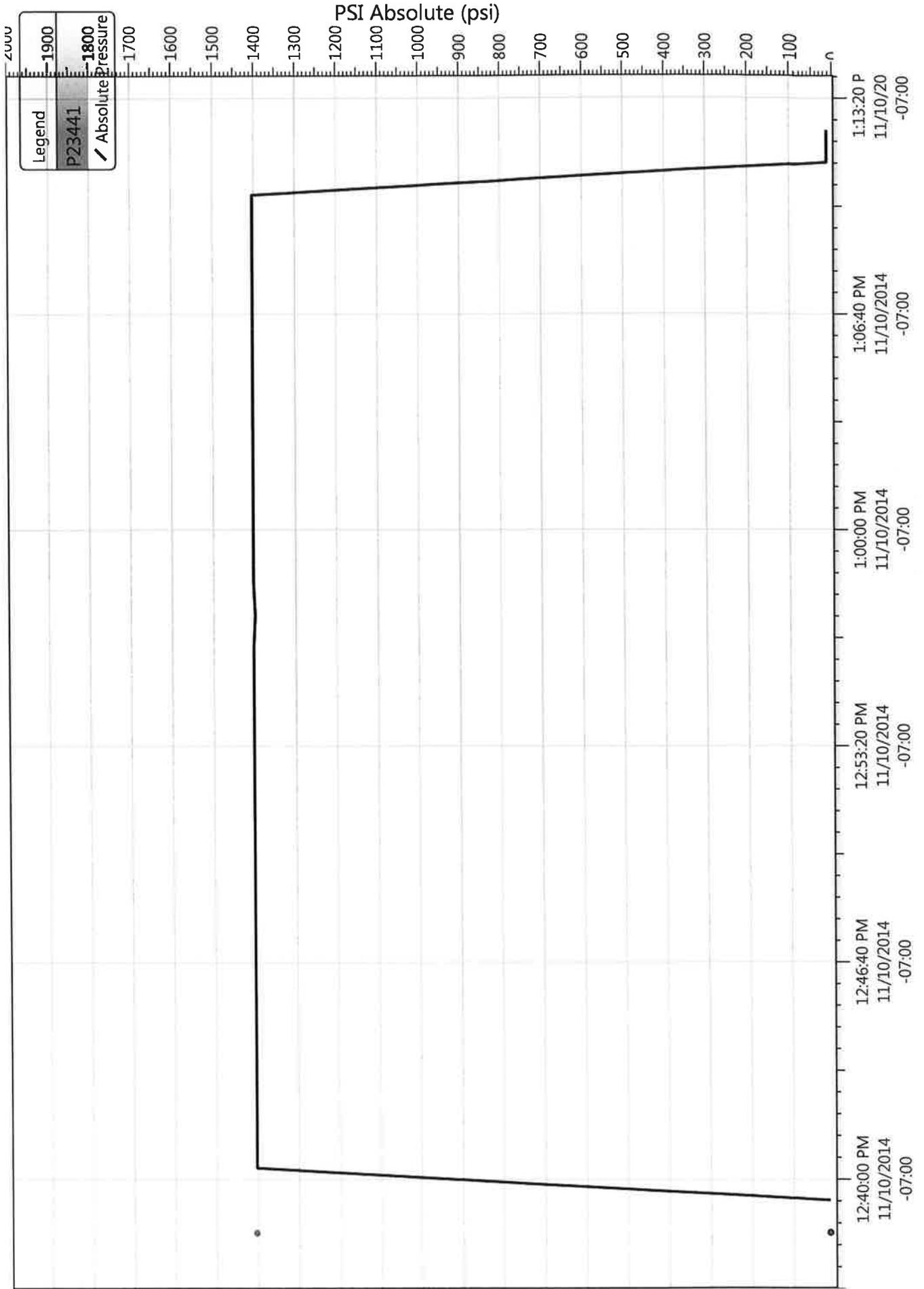
Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Everett Unruh

Federal 2-1-9-16 (11/10/2014, workover MIT)

11/10/2014 12:36:33 PM



Well Name: Federal 2-1-9-16

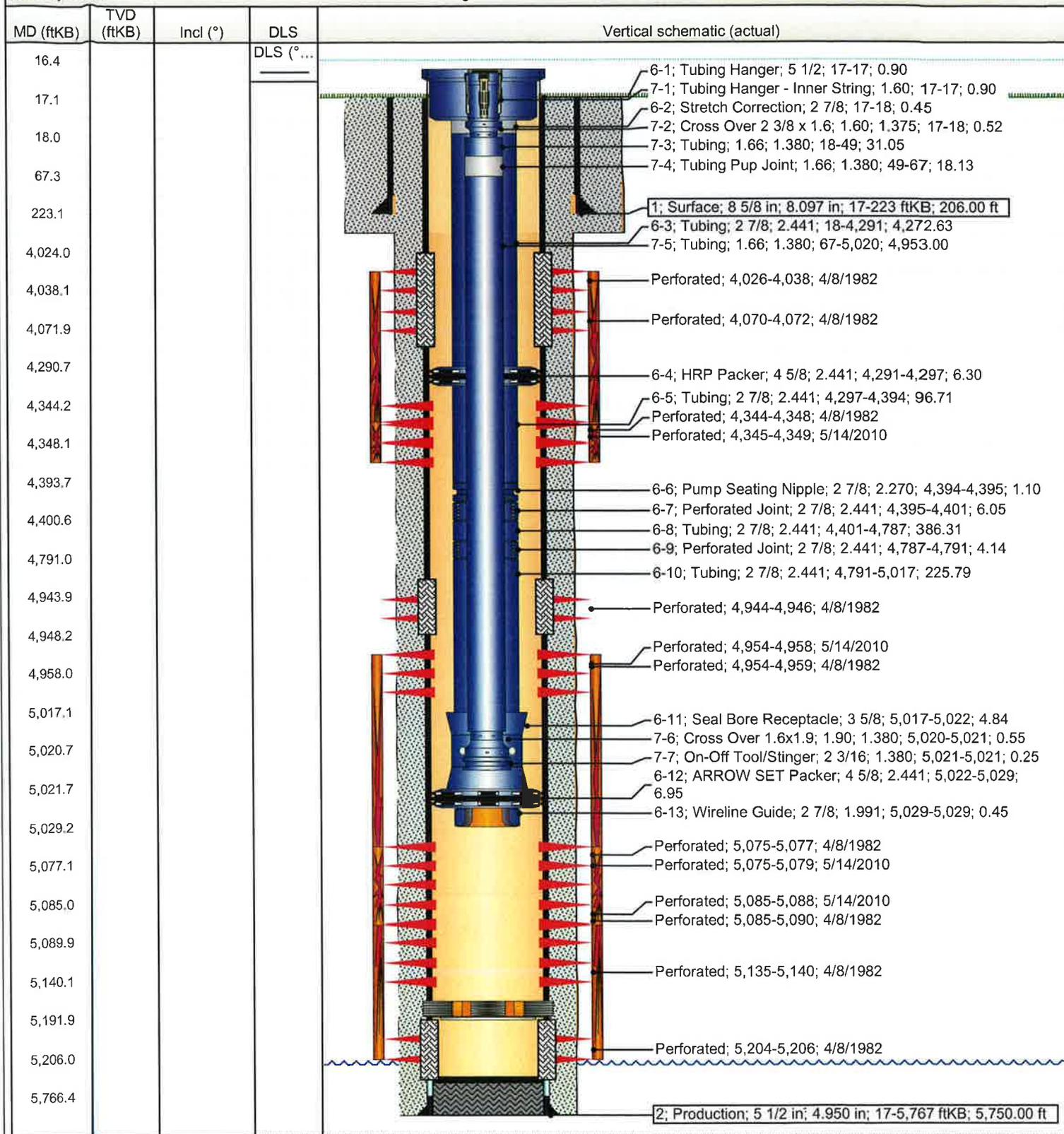
Surface Legal Location 01-9S-16E		API/UWI 43013306030000	Well RC 500151802	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 4/29/1982	Original KB Elevation (ft) 5,358	Ground Elevation (ft) 5,341	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,765.8	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Packer Repair	Job Start Date 10/31/2014	Job End Date 11/10/2014
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TD: 5,767.0

Vertical - Original Hole, 11/11/2014 9:25:30 AM



NEWFIELD**Newfield Wellbore Diagram Data
Federal 2-1-9-16**

Surface Legal Location 01-9S-16E		API/UWI 43013306030000		Lease	
County DUCHESNE		State/Province Utah		Basin Uintah Basin	
Well Start Date 3/25/1982		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,358		Ground Elevation (ft) 5,341		Total Depth (ftKB) 5,767.0	
				Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB) Original Hole - 5,765.8	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	3/22/1982	8 5/8	8.097	24.00	J-55	223
Production	4/3/1982	5 1/2	4.950	15.50	J-55	5,767

Cement**String: Surface, 223ftKB 3/22/1982**

Cementing Company	Top Depth (ftKB) 17.0	Bottom Depth (ftKB) 225.0	Full Return? No	Vol Cement Ret (bbl)
Fluid Description 2% CaCl	Fluid Type Lead	Amount (sacks) 150	Class G	Estimated Top (ftKB) 17.0

String: Production, 5,767ftKB 4/3/1982

Cementing Company	Top Depth (ftKB) 17.0	Bottom Depth (ftKB) 5,767.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 5% KCL, 0.75% D-19, 0.75% D-31	Fluid Type Lead	Amount (sacks) 670	Class 50/50	Estimated Top (ftKB) 17.0

String: Production, 5,767ftKB 4/9/1982

Cementing Company	Top Depth (ftKB) 4,942.0	Bottom Depth (ftKB) 4,948.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Squeeze	Amount (sacks)	Class	Estimated Top (ftKB) 4,944.0

String: Production, 5,767ftKB 4/10/1982

Cementing Company	Top Depth (ftKB) 5,192.0	Bottom Depth (ftKB) 5,765.8	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Squeeze	Amount (sacks)	Class G	Estimated Top (ftKB) 5,204.0

String: Production, 5,767ftKB 10/29/1993

Cementing Company	Top Depth (ftKB) 4,024.0	Bottom Depth (ftKB) 4,074.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Squeeze	Amount (sacks) 100	Class G	Estimated Top (ftKB) 4,026.0

Tubing Strings

Tubing Description Tubing	Run Date 11/3/2014	Set Depth (ftKB) 5,029.2
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Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1	5 1/2				0.90	16.6	17.5
Stretch Correction	1	2 7/8				0.45	17.5	17.9
Tubing	135	2 7/8	2.441	6.50	J-55	4,272.63	17.9	4,290.5
HRP Packer	1	4 5/8	2.441		J-55	6.30	4,290.5	4,296.8
Tubing	3	2 7/8	2.441	6.50	J-55	96.71	4,296.8	4,393.5
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,393.5	4,394.6
Perforated Joint	1	2 7/8	2.441		J-55	6.05	4,394.6	4,400.7
Tubing	12	2 7/8	2.441	6.50	J-55	386.31	4,400.7	4,787.0
Perforated Joint	1	2 7/8	2.441		J-55	4.14	4,787.0	4,791.1
Tubing	7	2 7/8	2.441	6.50	J-55	225.79	4,791.1	5,016.9
Seal Bore Receptacle	1	3 5/8				4.84	5,016.9	5,021.8
ARROW SET Packer	1	4 5/8	2.441			6.95	5,021.8	5,028.7
Wireline Guide	1	2 7/8	1.991			0.45	5,028.7	5,029.2

Tubing Description Tubing	Run Date 11/5/2014	Set Depth (ftKB) 5,021.0
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Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger - Inner String	1	1.6				0.90	16.6	17.5
Cross Over 2 3/8 x 1.6	1	1.6	1.375			0.52	17.5	18.0
Tubing	1	1.66	1.380	2.30	J-55	31.05	18.0	49.1
Tubing Pup Joint	3	1.66	1.380			18.13	49.1	67.2
Tubing	153	1.66	1.380	2.30	J-55	4,953.00	67.2	5,020.2
Cross Over 1.6x1.9	1	1.9	1.380			0.55	5,020.2	5,020.8
On-Off Tool/Stinger	1	2 3/16	1.380			0.25	5,020.8	5,021.0

NEWFIELD**Newfield Wellbore Diagram Data
Federal 2-1-9-16****Rod Strings**

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

Other In Hole

Des	Top (ftKB)	Btn (ftKB)	Run Date	Pull Date
5-1/2" Cement Retainer	5,190	5,192	4/9/1982	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btn (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
1	YELLOW1, Original Hole	4,026	4,038	1			4/8/1982
2	YELLOW1, Original Hole	4,070	4,072	1			4/8/1982
3	YELLOW3, Original Hole	4,344	4,348	1			4/8/1982
10	GB6, Original Hole	4,345	4,349	3	120	0.000	5/14/2010
4		4,944	4,946	2			4/8/1982
5	RED5, Original Hole	4,954	4,959	1			4/8/1982
11	C, Original Hole	4,954	4,958	3	120	0.000	5/14/2010
6	GREEN1, Original Hole	5,075	5,077	1			4/8/1982
12	B1, Original Hole	5,075	5,079	3	120	0.000	5/14/2010
7	GREEN1, Original Hole	5,085	5,090	1			4/8/1982
13	B1, Original Hole	5,085	5,088	3	120	0.000	5/14/2010
8	GREEN MKR, Original Hole	5,135	5,140	1			4/8/1982
9		5,204	5,206	2			4/8/1982

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1							
2							
3	4,285	1.3	15.0	5,367			
4	2,347	0.91	15.0	4,556			
5	1,984	0.89	15.0	5,080			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 63003 lb
2		Proppant White Sand 63003 lb
3		Proppant White Sand 13712 lb
4		Proppant White Sand 9056 lb
5		Proppant White Sand 9457 lb



Well Name: Federal 2-1-9-16

Jobs	
Primary Job Type Repairs	Job Start Date 10/31/2014
	Job End Date 11/10/2014

Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
10/31/2014	10/31/2014	MIRU	
Start Time	10:30	End Time	14:45
			Comment ON STAND BY WAITING FOR PUMP HOUSE TO BE REMOVED, DIRT TO BE LEVELED, BLUE STAKES TO SHOW UP AND MARK LINE, PIT TO BE DUG AND BASE BEAM TO SHOW UP FOR PROPER FOOTING FOR RIG. SPOT IN BASE BEAM. HAD WELL FLOWING THE ENTIRE TIME, 1200 PSI WHEN STARTED FLOWING @ 11 AM.
Start Time	14:45	End Time	15:30
			Comment SPOT RIG, RU RIG
Start Time	15:30	End Time	16:00
			Comment ND WH AND UNSTING 1.66 TBG, RU WORK FLOOR
Start Time	16:00	End Time	17:45
			Comment POOH WITH 1.66 TBG AND STAND BACK IN DERRICK
Start Time	17:45	End Time	18:00
			Comment SWIFN, CLEAN LOCATION, SDFN
Start Time	18:00	End Time	19:30
			Comment Travel time
Report Start Date	Report End Date	24hr Activity Summary	
11/3/2014	11/3/2014	ND WH, RELEASED HRP PKR NU BOP RU WORK FLR	
Start Time	05:30	End Time	07:00
			Comment CREW TRAVEL
Start Time	07:00	End Time	08:00
			Comment TBG PRESSURE 800 PSI, FLOW BACK WELL AND XO BOP STUDS, RU WORK FLOOR, XO TO 2 7/8" EQUIPMENT SLIPS, TONGS, ELEVATORS, ETC.
Start Time	08:00	End Time	09:15
			Comment ND WH, RELEASE HRP PACKER, NU BOP, RU WORK FLOOR.
Start Time	09:15	End Time	09:30
			Comment RELEASE ARROWSET PACKER AND REMOVE TBG SUB.
Start Time	09:30	End Time	15:00
			Comment POOH WITH TBG BREAKING EVERY CONNECTION, CLEANING AND INSPECTING THREADS FOR DAMAGE OR GALLING, APPLY LIQUID O RING AND RETORQUE TO SPEC. LD HRP PACKER, PBR AND ARROWSET PACKER.
Start Time	15:00	End Time	17:15
			Comment PU/MU NEW BHA AND TIH WITH TBG.
Start Time	17:15	End Time	17:30
			Comment SWIFN, CLEAN LOCATION, SDFN.
Start Time	17:30	End Time	19:00
			Comment TRAVEL TIME
Report Start Date	Report End Date	24hr Activity Summary	
11/4/2014	11/4/2014	WILL ND BOP AND PT TBG, FISH S.V. AND SET HRP TOMORROW, CALL MIT.	
Start Time	06:30	End Time	08:00
			Comment Travel time
Start Time	08:00	End Time	09:00
			Comment TBG PRESSURE 800 PSI, FLOW BACK WELL, RD WORKFLOOR.
Start Time	09:00	End Time	09:30
			Comment ND BOP, SET ARROWSET PACKER, LAND TBG, RUN IN LANDING PINS
Start Time	09:30	End Time	10:00
			Comment DROP S.V. AND PUMP TO PSN
Start Time	10:00	End Time	12:15
			Comment PT TBG @ 1500 PSI, LOST PRESSURE AND RETEST, FINALLY GOT A GOOD TBG TEST



Well Name: Federal 2-1-9-16

Job Detail Summary Report

Sundry Number : 57751 API Well Number : 43013306030000

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Start Time	12:15	End Time	12:45	Comment	PUMP PACKER FLUID DOWN CSG @ 80 F.
Start Time	12:45	End Time	13:15	Comment	PUMP DOWN TBG AND PRESSURE UP TBG TO SET HRP PACKER AND PT TBG TO 3000 PSI. SET TIMER AND START TEST.
Start Time	13:15	End Time	14:45	Comment	PT TBG AND WATCH TEST
Start Time	14:45	End Time	15:15	Comment	RU SANDLINE AND FISHING TOOLS, RIH WITH SANDLINE TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS
Start Time	15:15	End Time	16:00	Comment	NU WH, XO TO 1.66 TBG EQUIPMENT, RU WORK FLOOR, PREP TO TIH WITH TBG.
Start Time	16:00	End Time	17:00	Comment	TIH WITH 70 JNTS 1.66 TBG.
Start Time	17:00	End Time	17:30	Comment	LAND 1.66 TBG ON HANGER AND SWIFN, CLEAN LOCATION, SDFN
Start Time	17:30	End Time	19:00	Comment	Travel time

Report Start Date	11/5/2014	Report End Date	11/5/2014	24hr Activity Summary	FINISH TIH WITH 1.66 TBG AND PT CSG, CALL MIT AND MOVE TO NEXT WELL TOMORROW.
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Start Time	05:30	End Time	07:00	Comment	FINISH TIH WITH 1.66 TBG AND PT CSG, CALL MIT AND MOVE TO NEXT WELL TOMORROW.
Start Time	07:00	End Time	07:30	Comment	CHECK TBG PRESSURE, TBG 200 PSI, BD WELL AND POOH WITH TBG HANGER
Start Time	07:30	End Time	09:30	Comment	TIH WITH 1.66 TBG LAND TBG AND HAD TO WAIT ON TBG SUBS, RESPACE 1.66 TBG AND LAND TBG ON HANGER IN FULL 10K COMPRESSION. HAD MIT PERFORM TEST WHILE TIH WITH TBG
Start Time	09:30	End Time	09:45	Comment	NU WH, SWI AND FAILED MIT TEST
Start Time	09:45	End Time	12:30	Comment	RACK OUT ALL UNUSED EQUIPMENT AND WAIT FOR MIT TO SHOW BACK UP TO RETEST CSG
Start Time	12:30	End Time	13:30	Comment	PERFORM MIT TEST AND FAILED TEST, 15 PSI LOSS, RETEST AND FAILED AGAIN, 13 PSI LOSS. MIT WILL COME BACK TOMORROW AND RETEST.
Start Time	13:30	End Time	16:00	Comment	BLEED DOWN WELL TO REMOVE ANY AIR THAT MIGHT BE IN THE WELL, BUMP UP AND RETEST, PRESSURE KEPT STEADY AT 1480 PSI, BUMP UP TO 1500 PSI FOR THE NIGHT AND SWIFN, CLEAN LOCATION, SDFN
Start Time	16:00	End Time	17:30	Comment	Travel time

Report Start Date	11/6/2014	Report End Date	11/6/2014	24hr Activity Summary	mit tomorrow and retest or move to next well in the morning
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Start Time	05:30	End Time	07:00	Comment	Travel time
Start Time	07:00	End Time	09:15	Comment	CHECK CSG PRESSURE 1450 PSI, GOT A GOOD TEST, WAIT FOR MIT TO SHOW UP, RU MIT AND PERFORM TEST. GOOD TEST.
Start Time	09:15	End Time	10:15	Comment	RD RIG AND RACK OUT WINCH TRUCK, PREP TO ROAD RIG TO NEXT LOCATION
Start Time	10:15	End Time	11:00	Comment	ROAD RIG TO THE 2-10-9-17.



Well Name: Federal 2-1-9-16

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Daily Operations

Report Start Date 11/10/2014	Report End Date 11/10/2014	24hr Activity Summary Conduct MIT		
Start Time 12:45		End Time 13:15		Comment On 11/07/2014 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 11/10/2014 the csg was pressured up to 1403 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure for the 1.6 tbg was 975 psig and the tbg pressure for the 2 -7/8" was 850 psig during the test. There was not a State representative available to witness the test.

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