

NATURAL GAS CORPORATION  
OF CALIFORNIA

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

January 26, 1982

District Supervisor  
Geological Survey-Conservation Comm.  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

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

Re: Proposed Pleasant Valley Locations  
#32-29 Federal  
Section 29, T.9S, R.18E  
Uintah County, Utah  
Federal Lease no. U-19267  
~~#42-4~~ Federal  
Section 4, T.9S, R.16E  
Duchesne County, Utah  
Federal Lease #U-30096

Gentlemen:

Permission is requested to enter upon the public land for the purpose of surveying and staking the subject well locations.

Sincerely,



William A. Ryan  
Petroleum Engineer

WAR/kh

cc: Operations

NATURAL GAS CORPORATION  
OF CALIFORNIA

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

January 28, 1982

Mr. Clark Roberts  
P.O. Box 156  
Myton, Utah 84052

Re: Natural Gas Corporation of Calif.  
Proposed Drilling Locations  
NGC #32-29 Federal  
Section 29, T.9S, R.18E  
NGC #42-4 Federal  
Section 4, T.9S, R.16E

Dear Mr. Roberts:

The purpose of this letter is to make an additional agreement with you for a water supply for drilling operations on the above referenced wells. In consideration for you providing this water, Natural Gas Corporation of California will compensate you \$1200 per well, payable two weeks prior to the spudding of each well. If you are in agreement with this, please indicate your approval by signing below.

Very truly yours,

Natural Gas Corporation of California

*W<sup>m</sup> A Ryan*

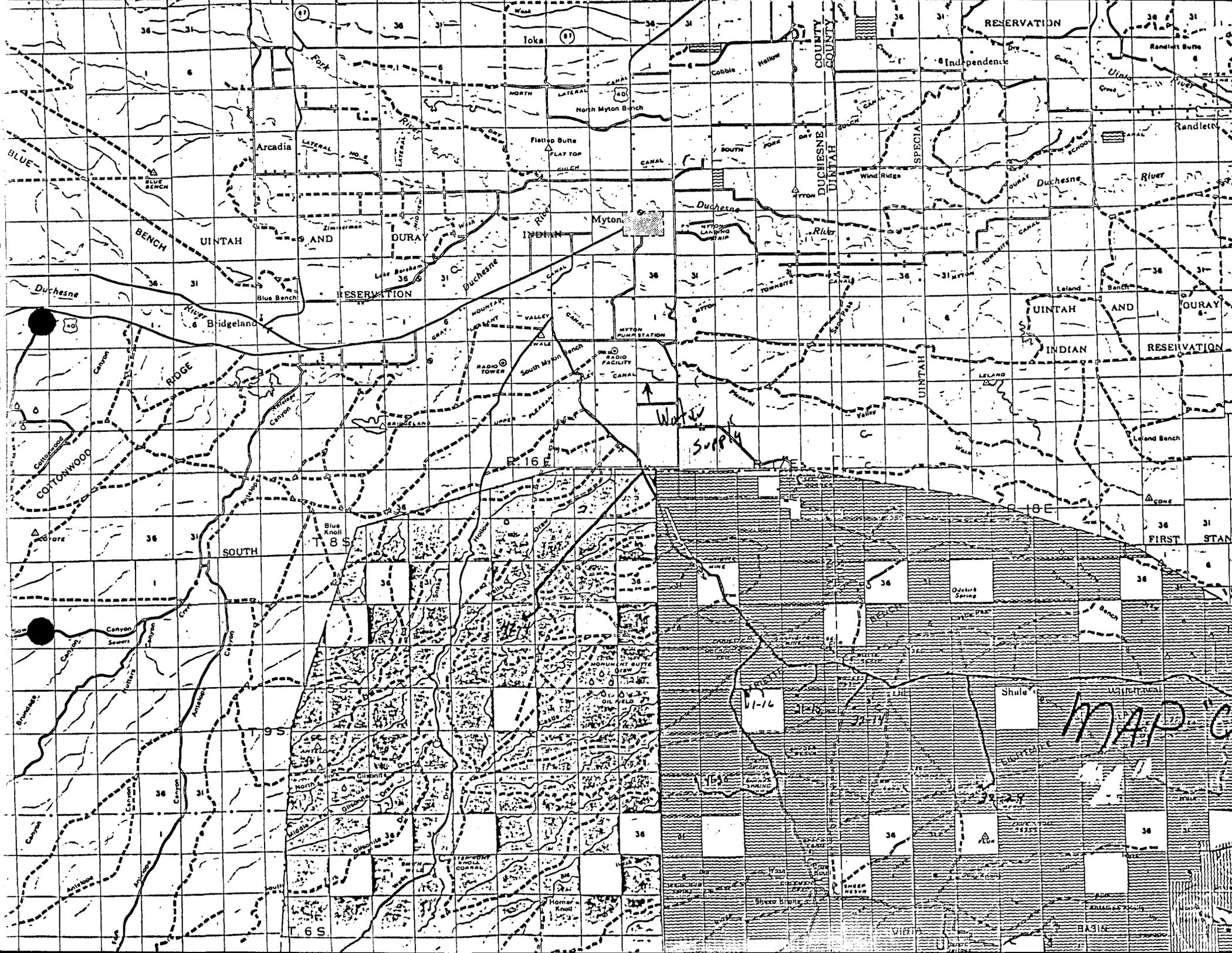
William A. Ryan  
Petroleum Engineer

Owner: *Clark Roberts*

Clark Roberts

Agreed and Accepted this 28th day of January, 1982.

WAR/kh



101

North Myton Bench

Myton

WATER SUPPLY

MAP C

BLUE BENCH

UINTAH

DURAY

INDIAN

Duchesne

DUCHESTER COUNTY  
DINTAH COUNTY

RESERVATION

UINTAH

INDIAN RESERVATION

Duchesne

Bridgeland

RESERVATION

Duchesne

MYTON PLUM STATION

MYTON RADIO FACILITY

UINTAH

INDIAN RESERVATION

COTTONWOOD

RODGE

SOUTH

Blue Bench

T 8 S

R 16 E

R 16 E

FIRST STAN

Canyon

Canyon

Blue Bench

T 8 S

R 16 E

R 16 E

FIRST STAN

Canyon

Canyon

Blue Bench

T 8 S

R 16 E

R 16 E

FIRST STAN

Canyon

Canyon

Blue Bench

T 8 S

R 16 E

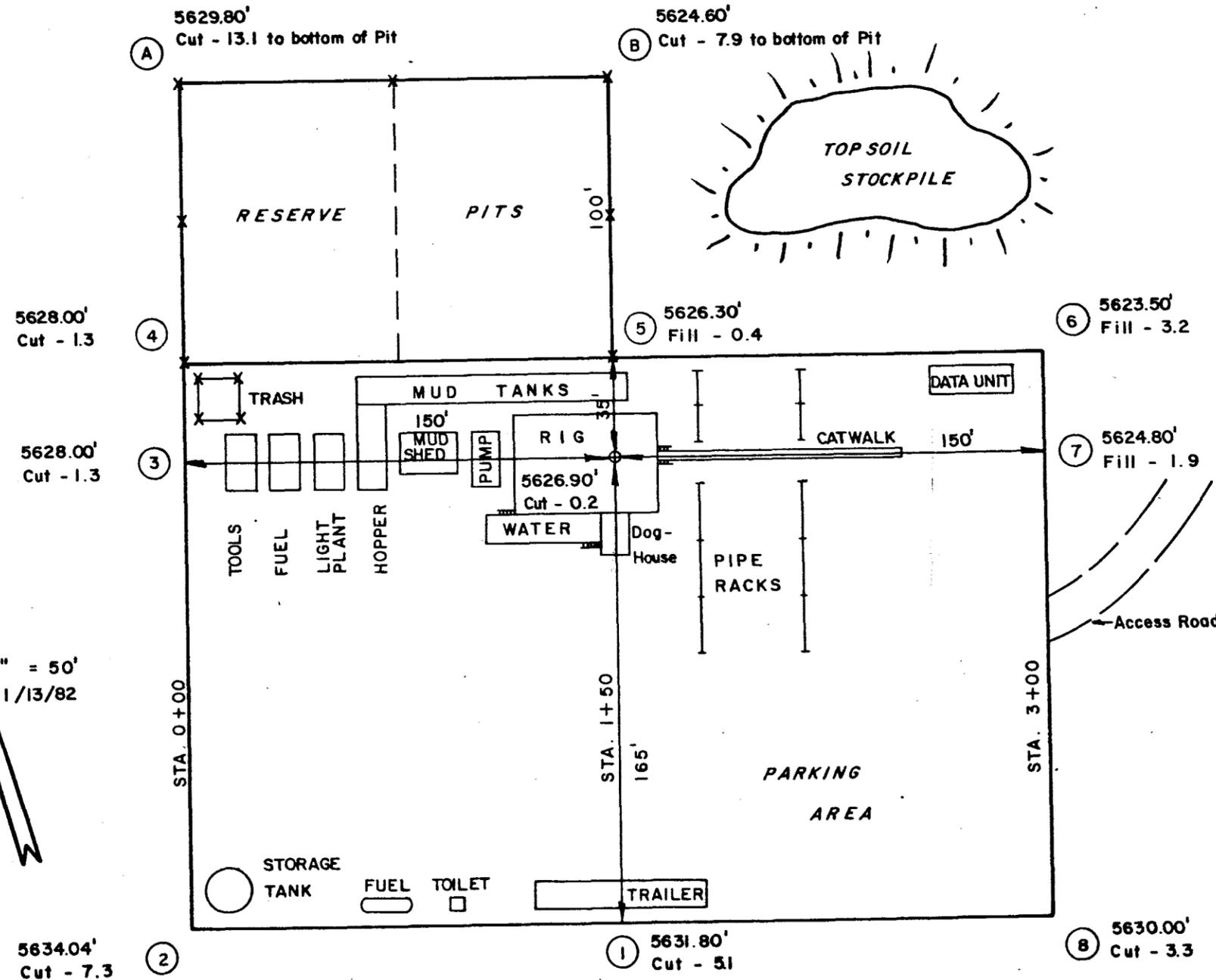
R 16 E

FIRST STAN

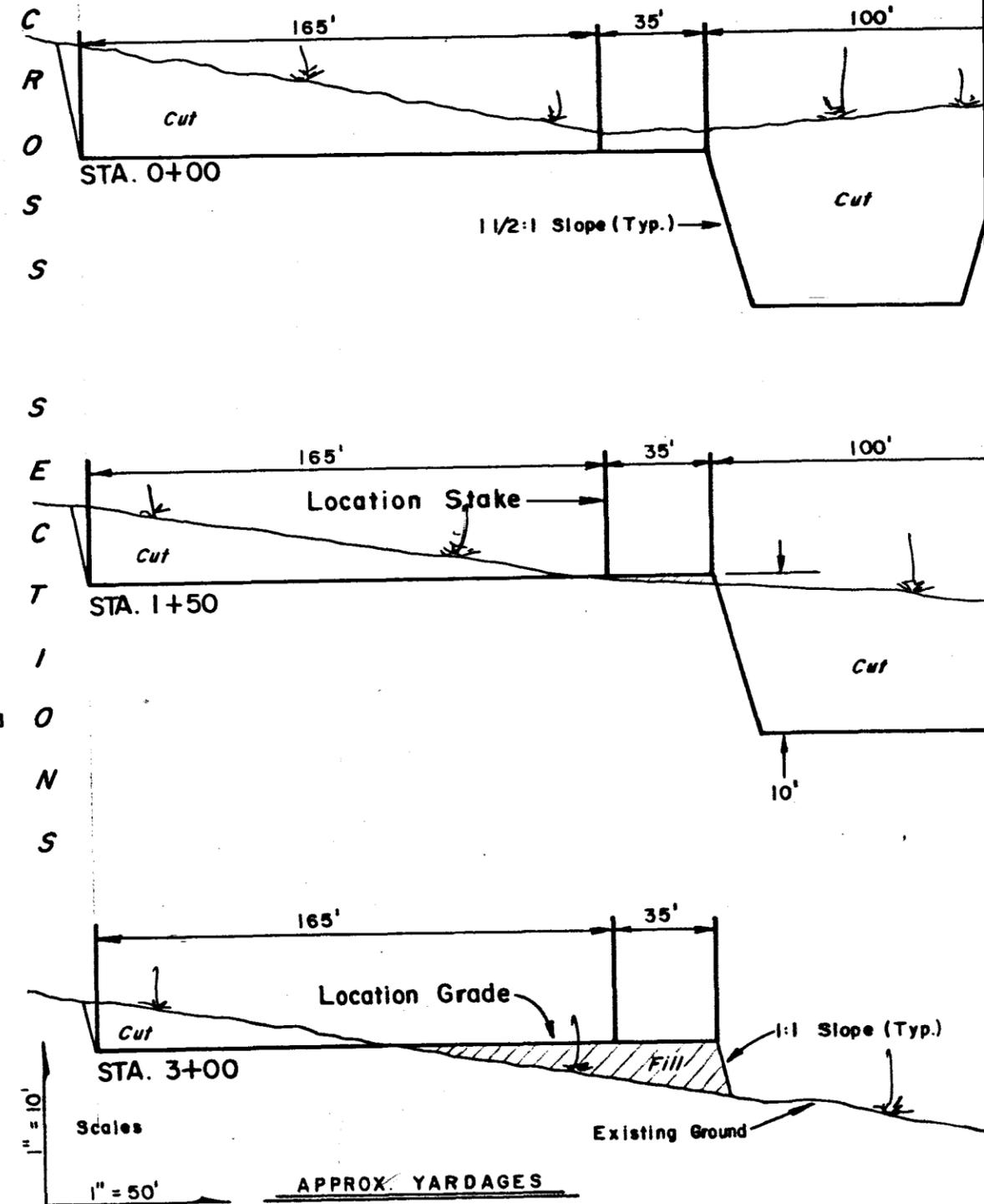
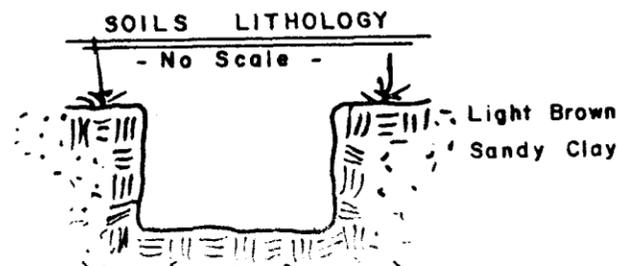
# NATURAL GAS CORP. OF CALIF.

N.G.C. # 42-4 FED.

## LOCATION LAYOUT & CUT SHEET



SCALE : 1" = 50'  
DATE : 1/13/82



Cubic Yards Cut - 9,423

Cubic Yards Fill - 1,844



NATURAL GAS CORP.  
OF CALIF.  
**NGC. #42-4 FED.**  
PROPOSED LOCATION

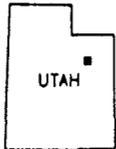
TOPO. MAP "B"



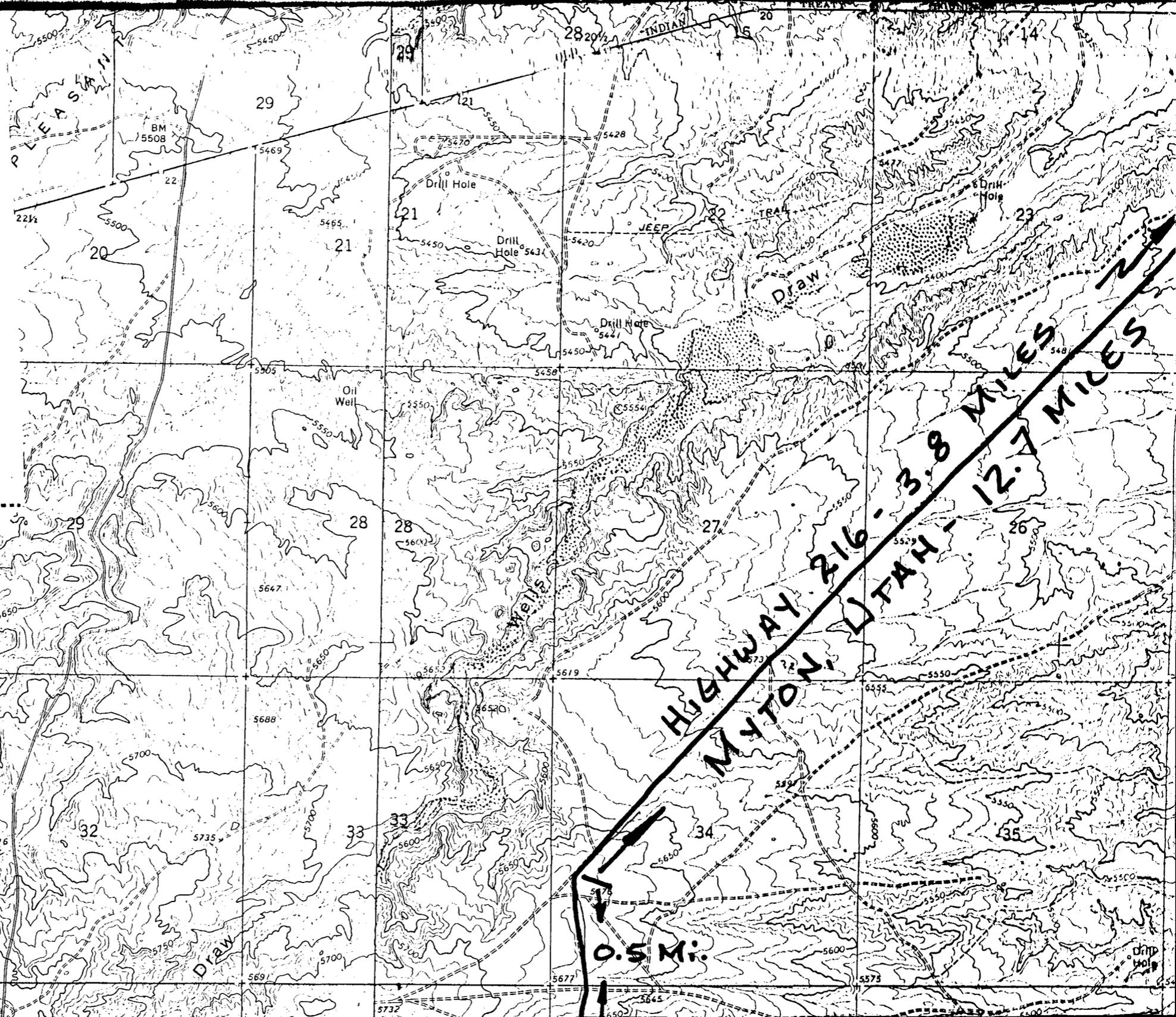
SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light-duty ——— Unimproved dirt - - - - -



QUADRANGLE LOCATION



HIGHWAY 216 - 3.8 MILES  
UTAH - 12.7 MILES

0.5 M.

T8S

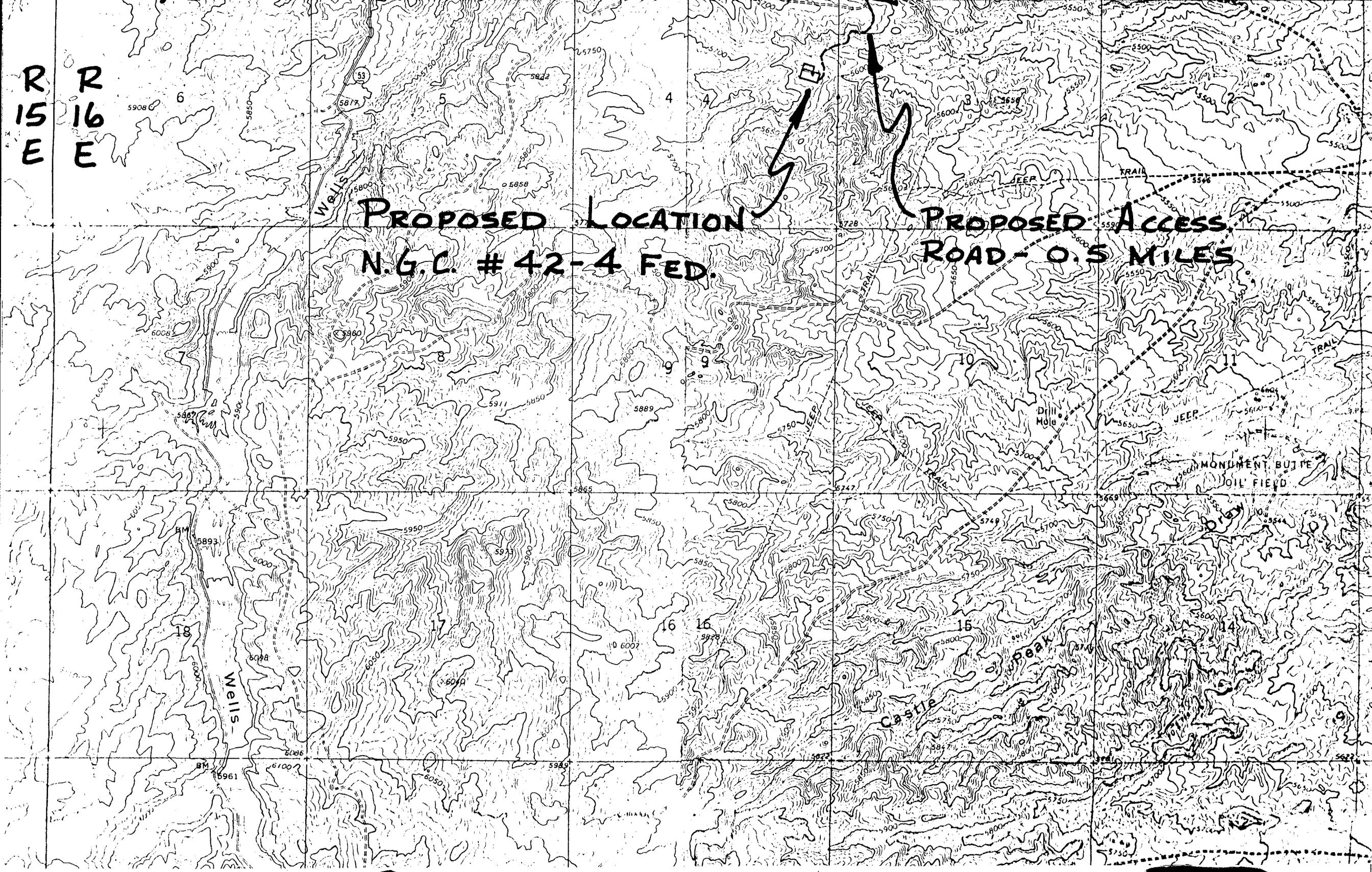
T9S

R  
15  
E

R  
16  
E

PROPOSED LOCATION  
N.G.C. # 42-4 FED.

PROPOSED ACCESS  
ROAD - 0.5 MILES



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  
 Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
 85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 2135' FNL, 515' FEL, SE 1/4 NE 1/4 Section 4, T.9S, R.16E  
 At proposed prod. zone

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

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

16. NO. OF ACRES IN LEASE  
 1360

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

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

19. PROPOSED DEPTH  
 6500

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5627' GR

22. APPROX. DATE WORK WILL START\*  
 April 15, 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#, K-55	300'	To surface
7-7/8	4-1/2	11.6, N-80	TD	7500 ft. fill NOT ADEQUATE SEE OIL SHALE STIPS

See attached sheets.

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 W<sup>m</sup> Ryan TITLE Petroleum Engineer DATE 1/28/82  
William A. Ryan  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY W. W. Guynn TITLE District Oil & Gas Supervisor DATE MAR 09 1982  
 CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; Div. OG&M; Operations; C. T. Clark; E. R. Henry

NOTICE OF APPROVAL

\*See Instructions On Reverse Side  
 CONDITIONS OF APPROVAL ATTACHED  
 TO OPERATOR'S COPY

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

*L. F. A. & G.*

Identification CER/EA No. 187-82

Minerals Management Service  
Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Natural Gas Corporation of California  
Project Type Oil Well  
Project Location 2135' FNL 515' FEL Section 4, T.9S., R.16E.  
Well No. 42-4 Lease No. U-30096  
Date Project Submitted February 4, 1982

FIELD INSPECTION

Date March 3, 1982

Field Inspection  
Participants

Greg Darlington - MMS, Vernal  
Gary Slagel - BLM, Vernal  
Bill Ryan - NGCC  
Leonard Heeney - Ross Construction  
Earl Cady - Ross Construction

Related Environmental Documents: Unit Resource Analysis, Duchesne  
Planning Unit, BLM, Vernal CER 188-82 Enserch 1-3

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.

March 8, 1982

Date Prepared

Gregory Darlington

Environmental Scientist

I concur

MAR 09 1982

Date

W. W. Martin

District Supervisor

FOR E. W. GUYNN  
DISTRICT OIL & GAS SUPERVISOR

### Proposed Actions :

Natural Gas Corporation of California plans to drill # 42-4 well, a 6500' oil test of various formations. A new access road of .5 mile length will be required and also an existing jeep trail of 1.4 mile length will be upgraded (crowned and ditched essentially) to reach the regularly used access road to several nearby Comax locations. Part of this route will be shared with the Enserch 1-3 well for the last .4 mile of the portion to be upgraded. (CER 188-82). A pad 200' by 300' and a reserve pit 100' by 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.

FIELD NOTES SHEET

Date of Field Inspection: March 3, 1982

Well No.: 42-4

Lease No.: V-30096

Approve Location: ✓

Approve Access Road: Changed Jeep trail portion

Modify Location or Access Road: Jeep trail portion of access road changed to 1) avoid prairie dog populations and 2) to utilize the Lonax access roads and reduce the length of right of way and required upgrading needed to reach this location. Topsoil moved per BLM slip letter.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) A water use agreement with Clark Roberts of Merton

has been signed 1-28-82 and a copy is attached in the APD  
1.4 miles of Jeep trail to upgrade (basically crown + ditch)  
and .5 miles new road to build. Access crosses .4 miles  
State land in section 2 where the access meets the Lonax Road

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 16 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	March 3, 1982	
Unique characteristics							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.*



Access Road  
NEast View From NGCC 42-4

**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

January 28, 1982

Mr. E. W. Guynn  
Geological Survey-Conservation Div.  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

**RECEIVED**  
FEB 04 1982

Mr. Michael T. Minder  
Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

**DIVISION OF  
OIL, GAS & MINING**

Re: NGC #42-4 Federal  
SE NE Section 4, T.9S, R.16E  
Duchesne County, Utah

Gentlemen:

Natural Gas Corporation of California proposes to drill the above captioned well in Duchesne County, Utah.

Attached are the following documents:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) 10 Point Plan
- 4) 13 Point Surface Use Plan
- 5) Rig Layout
- 6) Vicinity Map A, B, and C.

Should you require additional information, please contact this office.

Yours truly,

*W<sup>m</sup> Ryan*

William A. Ryan  
Petroleum Engineer

/kh

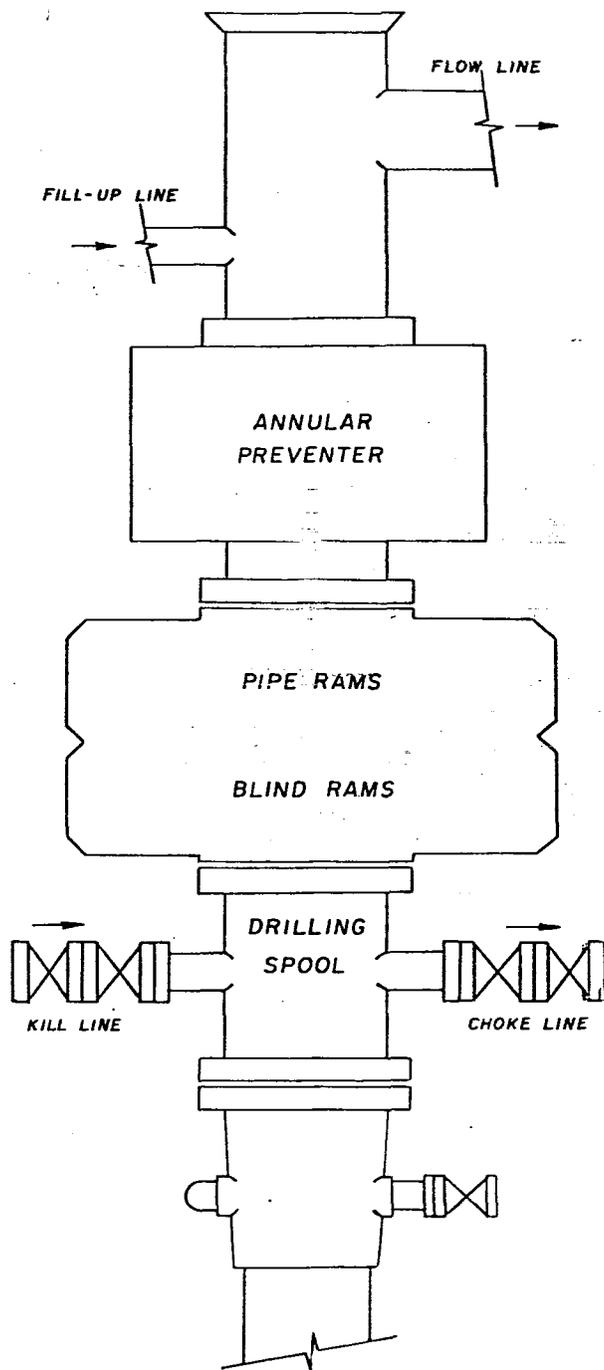
Attachments

cc: Operations  
C. T. Clark  
E. R. Henry

9. Abnormalities: No abnormal temperatures, pressures, or other potential hazards are anticipated.
10. Drilling Schedule: Anticipated starting date - April 15, 1982. Duration of operations: 15 days.

NATURAL GAS CORPORATION  
OF  
CALIFORNIA  
**BOP AND PRESSURE CONTAINMENT DATA**

NGC #42-4 Federal  
Section 4, T.9S, R.16E  
Duchesne County, Utah



1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventers, one equipped w/pipe rams, the other w/blind rams.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components:
4. Auxiliary equipment: Lower kelly cock, full opening stabbing valve, 2½" choke manifold, pit level indicator &/or flow sensors w/alarms.
5. All BOP equipment, auxiliary equipment stand pipe & valves & rotary hose to be tested to the rate pressure of the BOP's at time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
6. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

Natural Gas Corporation of California

13 Point Surface Use Plan

for

Well Location

NGC #42-4 Federal

Located In

Section 4, T.9S, R.16E

Duchesne County, Utah

## 1. EXISTING ROADS

See attached topographic map A.

To reach NGC Well #42-4 proceed west from Myton, Utah along U.S. Highway 40 for 1.5 miles to its junction with U.S. Highway 53; proceed south two miles to its junction with County road #216; follow this road south and east approximately 4 miles. At this point the planned access road will start.

At the present time, no construction is anticipated along any portion of the described road.

## 2. PLANNED ACCESS ROAD

See attached topographic map B.

The first 3.5 miles of the access road has been highly used but will require ditches to be pulled. The next one mile of road has seen limited use and will also require ditches to be pulled. The last 3/4 of a mile will be new construction. There will be a steep cut and low water crossing on this segment of road.

A right-of-way application has been made to the BLM in Vernal, Utah for the access road through sections 13, 24, 23, 26, 27 and 34.

The access road will be constructed to the following standards:

- 1) Width - The running surface will be 18 feet and the total disturbance width including the ditches will not exceed 40 feet.
- 2) Maximum grade - 8%.
- 3) Turnouts - None.
- 4) Drainage designs - Ditches will be constructed on each side of the road, V-shaped, 1 foot deep at 3:1 slopes.
- 5) Location and size of culverts, major cuts and fills - There will be a major cut in the last 1/4 mile of road. The cut will require one or two culverts. This portion of the road will also have a low water crossing.
- 6) Surfacing materials - None.
- 7) Gates, cattleguards, or fence cuts - None.
- 8) The proposed road has been flagged.

## 3. LOCATION OF EXISTING WELLS

The following wells are located within a 1 mile radius of the location site.

- 1) Water Wells - None.
- 2) Abandoned Wells - None.
- 3) Temporarily Abandoned Wells - None.

- 4) Disposal Wells - None.
- 5) Drilling Wells - None.
- 6) Producing Wells - None.
- 7) Shut-in Wells - None.
- 8) Injection Wells - None.
- 9) Monitoring or observation wells for other resources - None.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A.
  - (1) Tank batteries - none.
  - (2) Production facilities - none.
  - (3) Oil gathering lines - none.
  - (4) Gas gathering lines - none.
- B.
  - (1) In the event production is established, plans for a gas pipeline from this location to the existing gathering lines will be submitted under an amendment to this plan for approval. All petroleum production facilities are to be contained within the proposed location site. In the event that production of oil from this well is established, a berm will be constructed around the tank battery large enough to contain the contents of tanks.
  - (2) Construction methods and materials - Production facilities will be placed on the proposed pad. Construction materials will come from the unused portion of the pad.
  - (3) Livestock and wildlife protection - The evaporation pond will be fenced on all four sides and overhead wire with flagging installed, if there is oil in the pit.
- C. The rehabilitation of disturbed areas no longer required for the production of this well will be completed by backfilling, recontouring, topsoiling and seeding.

5. LOCATION AND TYPE OF WATER SUPPLY

See attached topographic map C.

See attached letter agreement between Natural Gas Corporation of California and Mr. Clark Roberts.

6. SOURCE OF CONSTRUCTION METHODS

All construction materials for this location site and access road will be borrow materials, accumulated during construction of the location site. No additional road gravels or 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 FOR HANDLING WASTE DISPOSAL

- 1) Cuttings, drilling fluids and produced fluids - A reserve pit will be constructed. The reserve pit will be approximately 10' deep and at least one-half of this depth shall be below the surface of the existing ground.

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 nonflammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

Prior to the onset of drilling, a "stock tight" fence shall be installed on three sides of the reserve pit. This fence will be either (1) woven wire at least 28 inches high and within 4 inches of ground surface with two strands of barbed wire above the woven wire with 10-inch spacing, or, (2) at least five strands of barbed wire spaced, starting from the ground, at approximately 6-, 8-, 10-, 12-, and 12-inch intervals. At the completion of drilling operations, the fourth side of the reserve pit will be fenced and allowed to dry completely before the pit is backfilled. If there is oil on the pits, overhead wire and flagging will be installed on the pits.

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

- 2) Sewage - A portable chemical toilet will be supplied for human waste.
- 3) Garbage - Trash cages will be on all locations and all trash will be removed to an authorized landfill.
- 4) Site Clean-up - Immediately after the rig is moved out, the area around the well site will be cleaned and all refuse placed in the trash cages.

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 typical rig layout.

10. PLANS FOR RESTORATION OF THE SURFACE

Prior to construction of the location, the top 6 inches of soil material will be stripped and stockpiled. This will amount to approximately 1500 cubic yards of material that will be stockpiled.

If the well is producing, the platform and pit areas no longer required for the production of the well will be backfilled, recontoured, topsoiled and seeded.

If the well is abandoned, the entire disturbed area (including roads) will be restored by: (1) backfilling; (2) recontouring; (3) topsoiling; (4) seeding. Specifically: the platform highwall(s) and road fill(s) will be eliminated by moving all excavated material back in place. Restoration of the location and access road will begin within 90 days after completion of the well. The BLM representative will be notified prior to starting the rehabilitation operations.

The following seed mixture and methods for seeding will be used:

The seed mixture will be: Determined by the Bureau of Land Management at the time of abandonment.

Seed will be planted after September 1 and prior to ground frost; or seed will be planted after the frost has left and before May 15. All seed will be drilled on the contour at a depth of  $\frac{1}{4}$  to  $\frac{1}{2}$  inch. Slopes too steep or rocky for machinery will be broadcast and the seed hand raked into the soil. When broadcasting the seed, the rate per acre will be doubled.

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

- 1) The soil is a light sandy clay. The vegetation cover is 5-10% with the majority made up of sage brush.
- 2) The surface is owned by the Federal Government and administered by the Bureau of Land Management.
- 3) There are no occupied dwellings or other facilities including archaeological, historical, or cultural sites near the proposed location. The nearest live water is the White River, nine miles to the southwest.
- 4) See the attached staking request.
- 5) No abnormal temperatures or pressures are anticipated on this well.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Natural Gas Corporation of California  
85 South 200 East  
Vernal, UT 84078  
Attn: William A. Ryan

Telephone: (801) 789-4573

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite 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 and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Natural Gas Corporation of California and its contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Feb 2, 1982

Date

W<sup>m</sup> Ryan

William A. Ryan, Petroleum Engineer

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  
 Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
 85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 2135' FNL, 515' FEL, SE 1/4 NE 1/4 Section 4, T.9S, R.16E  
 At proposed prod. zone

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

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

16. NO. OF ACRES IN LEASE  
 1360

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

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

19. PROPOSED DEPTH  
 6500 *Whentel*

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5627' GR

22. APPROX. DATE WORK WILL START\*  
 April 15, 1982

5. LEASE DESIGNATION AND SERIAL NO.  
 U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Federal

9. WELL NO.  
 42-4

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 4, T.9S, R.16E

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 Utah

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#, K-55	300'	To surface
7-7/8	4-1/2	11.6, N-80	TD	1500 ft. fill.

See attached sheets.

APPROVED BY THE DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 2/9/82  
 BY: *db [Signature]*

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

24. SIGNED Wm Ryan TITLE Petroleum Engineer DATE 1/28/82  
William A. Ryan  
 (This space for Federal or State office use)

PERMIT NO. 42 OB 30637 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

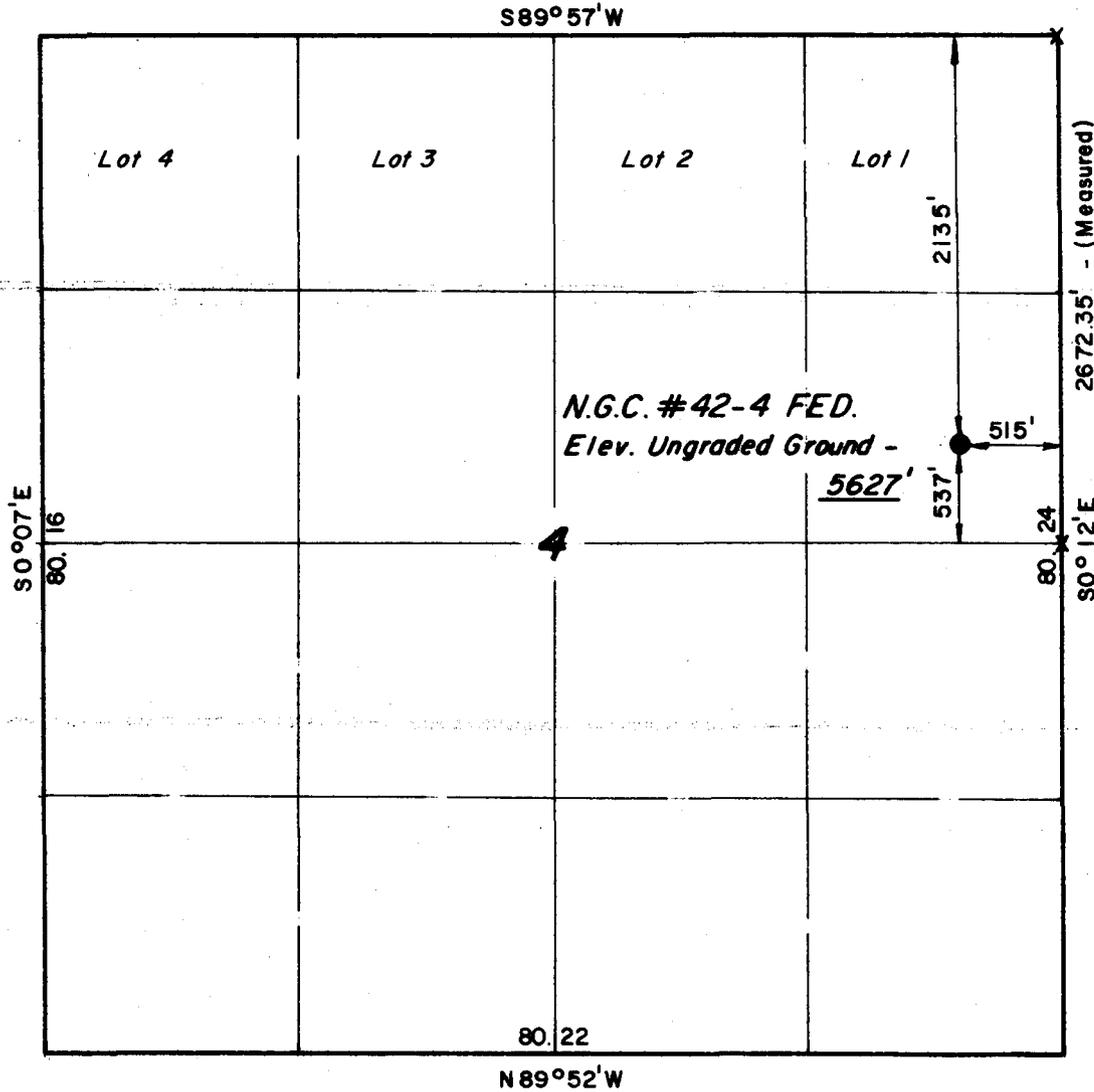
cc: USGS; Div. OG&M; Operations; C. T. Clark; E. R. Henry

\*See Instructions On Reverse Side

T 9 S , R 1 6 E , S . L . B . & M .

PROJECT  
NATURAL GAS CORP. OF CALIFORNIA

Well location, *N.G.C. #42-4 FED.*,  
 located as shown in the SE 1/4 NE 1/4  
 Section 4, T9S, R16E, 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.

*Lawrence E. Kay*  
 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	1/13/82
PARTY	RK BK RP	REFERENCES	GLO Plat
WEATHER	Clear / Cold	FILE	NATURAL GAS

X = Section Corners Located

\*\* FILE NOTATIONS \*\*

DATE: 2-5-82  
OPERATOR: Natural Gas Corp of California  
WELL NO: Federal 42-4  
Location: Sec. 4 T. 9S R. 16E County: Alameda

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

API Number 43-013-30638

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_  
Director: OK as per rule C-3  
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  Plotted on Map   
Approval Letter Written   
Hot Line  P.I.

February 9, 1982

Natural Gas Corporation of California  
85 South 200 East  
Vernal, Utah 84078

RE: Well No. Federal 42-4  
Sec. 4, 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 immedeately notify the following:

CLEON B. FEIGHT - Director  
Office: 533-5771  
Home: 466-4455

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 43-013-30638.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Cleon B. Feight  
Director

CBF/as  
Encl.  
cc: USGS



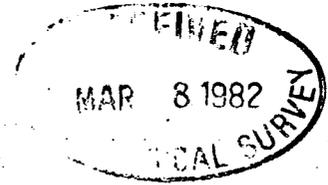
# United States Department of the Interior

IN REPLY REFER TO

T & R  
U-801

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

March 5, 1982



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

Re: Joint Onsite Inspection  
T9S, R16E, Sec. 4 Well #42-4  
T9S, R18E, Sec. 29 Well #32-29

Dear Mr. Guynn:

On March 3, 1982, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Natural Gas Corporation, Ross Construction, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

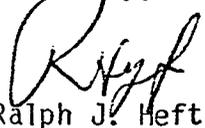
1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development".
2. The maximum width of access roads 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. No trash will be thrown in the reserve pit. All trash must be contained and hauled to the nearest sanitary landfill.

7. All permanent (onsite for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within 6 months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
8. Reserve pits will be fenced with a wire mesh fence topped with at least one strand of barded wire.
9. At location #42-4, the topsoil will be stockpiled between points 1 and 2. The access road will be changed as discussed at the joint onsite and as shown on the attached map.
10. At location #32-29, the topsoil will be stockpiled between points 1 and 8.

An archaeological clearance has been conducted by Utah Archaeological Research Corporation of the proposed drill sites and access roads. No cultural materials were located on the surface of the surveyed areas.

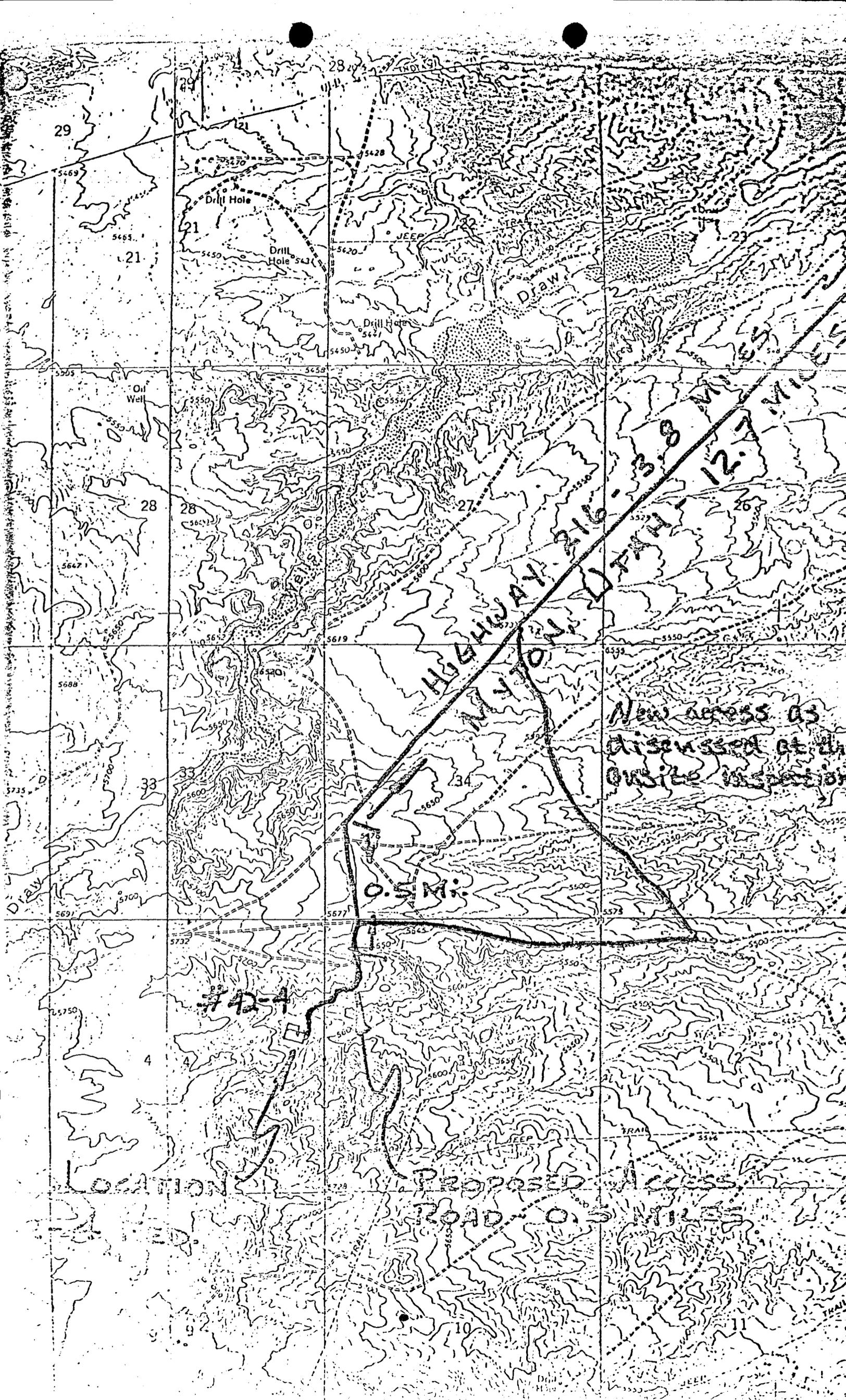
The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna and their habitats.

Sincerely,



Ralph J. Heft  
Area Manager  
Diamond Mountain Resource Area

cc: USGS, Vernal



29

21

28

33

4

28

27

34

10

23

26

31

11

Drill Hole

Drill Hole 543

Drill Hole 544

Oil Well

Draw

JEEP

TRAIL

0.5 Mi.

HUBWAY 216-38  
INVTION 127

New access as  
discussed at the  
on-site inspection

#42-4

LOCATION

PROPOSED ACCESS  
ROAD 0.5 MILES

Drill Hole

TRAIL

JEEP

10 Point Plan  
Pleasant Valley Prospect  
NGC #42-4 Federal  
Section 4, T.9S, R.16E  
Duchesne County, Utah

1. Surface formation: Uintah.
2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah	Surface	5627' GR
Green River	1663'	3964'
Parachute Creek	2814'	2813'
Garden Gulch	4015'	1612'
Douglas Creek	4828'	799'
Tgr lime	6138'	-511'
Wasatch	6390'	-763'
T.D.	6500'	-873'

3. Producing Formation Depth: 5500'-6500'

4. Proposed casing program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Setting Depth</u>	<u>Cement</u>	<u>Casing</u>
12-1/4	8-5/8	24#, K-55	300'	To Surface	New
7-7/8	4-1/2	11.6#, N-80	T.D.	1500' fill	New

5. A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from under the 8-5/8" surface casing. BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 minutes prior to drilling and will be mechanically checked daily during drilling operations.

6. Mud Program:

<u>Interval</u>	<u>Mud Weight lbs/gal.</u>	<u>Viscosity Sec/Qt.</u>	<u>Fluid Loss cc</u>	<u>Mud Type</u>
0-300	8.5 - 9.0			Water/Gel
300-5500	8.5 - 9.0			Water/Gel
5500-TD	9.0 - 9.2	24-36	5 - 6	Brine/Polymer

7. Auxiliary Equipment: Upper kelly cock, full opening stabbing valve, 2½" choke manifold and pit level indicator.

8. Testing, Coring, Sampling and Logging:

- a) Testing: none.
- b) Coring: one core in Green River lime.
- c) Sampling: cutting samples will be collected by the drilling contractor at 30' intervals to the Green River then 10' sample spacing to T.D.
- d) Logging:

<u>Type</u>	<u>Interval</u>
DIL-GR-SP	
FDC-CNL-GR-SP-Cal	Surface Casing
BHC-Sonic-GR-Cal	to T.D.
Sonic F-log on film	

**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

March 22, 1982

Mr. E. W. Guynn  
Minerals Management Service  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Mr. Sam Boltz, Jr.  
Chorney Oil Company  
1860 Lincoln, Suite 401  
Denver, CO 80295

Mr. Bob Gilmore  
DeGolyer & MacNaughton  
No. 1 Energy Square  
Dallas, TX 75206

Re: NGC #42-4 Federal  
SE NE Section 4, T.9S., R.16E.  
Duchesne County, Utah

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on  
Wells, Report of Spud Date for the above captioned well.

Sincerely,



Rick Canterbury  
Associate Engineer

/kh

Attachments

cc: Operations  
C. T. Clark  
E. R. Henry  
S. Furtado

NOTICE OF SPUD

Caller: Rick Canterbury  
Phone: NGC of CA  
Well Number: 42-4  
Location: SENE 4-9S-16E  
County: Duchesne State: Utah  
Lease Number: 11-30096  
Lease Expiration Date: \_\_\_\_\_  
Unit Name (If Applicable): \_\_\_\_\_  
Date & Time Spudded: 3-20-82 6:00 A.M.  
Dry Hole Spudder/Rotary: OLSEN Rig #5  
Details of Spud (Hole, Casing, Cement, etc.) 12 1/4" hole

Rotary Rig Name & Number: \_\_\_\_\_  
Approximate Date Rotary Moves In: \_\_\_\_\_

FOLLOW WITH SUNDRY NOTICE

Call Received By: KR  
Date: 3-22-82

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

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2135' FNL, 515' FEL, Section 4,  
AT TOP PROD. INTERVAL: T.9S., R.16E., SE NE  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
42-4

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 4, T.9S., R.16E.

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

14. API NO.  
43-013-30638

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5627' GR

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Report Spudding	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

Operator reports that subject well was spudded on March 20, 1982 at 6 a.m. by Olsen Rig #5.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Rick Canterbury TITLE Associate Engr. DATE March 22, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

cc: Minerals Management; Div. OG&M; Chorney; DeGolyer; Operations; CTCIark; ERHenry; SFurtado

# NATURAL GAS CORPORATION OF CALIFORNIA

DENVER CORPORATE CENTER - TOWER II  
7800 EAST UNION AVE. • SUITE 800  
DENVER, COLORADO 80237  
(303) 694-6076

April 6, 1982

Mr. Cleon B. Feight  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

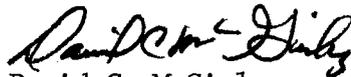
Dear Mr. Feight:

Attached is the completed OGC - 8 - X form, which you requested. This well did not encounter any water sands while drilling.

Production casing was run on the well and will be attempted as a Green River Oil Producer.

If you have any questions, please call.

Sincerely,



David C. McGinley  
Chief Development Geologist

**RECEIVED**

APR 09 1982

DIVISION OF  
OIL, GAS & MINING

DCMG/wl

# NATURAL GAS CORPORATION OF CALIFORNIA

DENVER CORPORATE CENTER - TOWER II  
7800 EAST UNION AVE. • SUITE 800  
DENVER, COLORADO 80237  
(303) 694-6076

May 4, 1982

Mr. Cleon B. Feight  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

RE: NGC Federal 42-4  
NW Monument Butte  
SE NE Sec.4 T.9S R.16E  
Duchesne County, Utah

Dear Mr. Feight:

Natural Gas Corporation of California would like to hold the well logs that you received from our 42-4 Federal NGC well in a "TIGHT HOLE" status as outlined by the rules and regulations of the state of Utah, the normal suite of logs, DIL - GR - SP, FDC - CNL - GR, BHC Sonic - CAL - GR - "F" log, would be available for release.

All other logs which include Prox-Micro log - CAL - GR, Litho Density - CNL - GR, NGR - SPECT log - CGR - SGR, RFT log, Dipmeter - DEV - AZIM - GR, and Computer Processed log, are not to be released before March 20, 1984.

These logs are considered highly confidential and proprietary in nature.

Any company making inquires as to the release of this data other than the normal suite of logs should be referred to me.

Your corporation in this matter is sincerely appreciated.

Sincerely,



David C. McGinley  
Chief Development Geologist

RECEIVED  
MAY 07 1982

DIVISION OF  
OIL, GAS & MINING

DCMG/wl

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2135' FNL, 515' FEL, SE $\frac{1}{4}$  NE $\frac{1}{4}$  Sec. 4  
AT TOP PROD. INTERVAL: T.9S., R.16E.  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
42-4

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 4, T.9S., R.16E.

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDE, AND WD)  
5627'

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Complete and Install Prod. equipment	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

Operator proposes to complete and install production equipment. Perforations will be at 5144-52, 4976-87, 4879-82, 4837-40, 4825-34. A small acid break down may be used and a 25,100 gal. gelled water frac with 70,000# of sand will be used.

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

DATE: 5/11/82  
BY: [Signature]

*Confidential Status*

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Wm Ryan TITLE Petroleum Engr. DATE May 11, 1982  
William A. Ryan

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

cc: Minerals Management; Division of Oil, Gas & Mining; Chorney DeGolyer; Operations; ERHenry; SFurtado

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2135' FNL, 515' FEL, SE $\frac{1}{4}$  NE $\frac{1}{4}$  Sec. 4  
AT TOP PROD. INTERVAL: T.9S., R.16E.  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Complete and Install Prod. equipment			

5. LEASE U-30096  
MINERALS MANAGEMENT SERVICE  
OIL & GAS OPERATIONS  
RECOVERED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
MAY 13 1982  
SALT LAKE CITY, UTAH

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
42-4

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 4, T.9S., R.16E.

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5627'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

Operator proposes to complete and install production equipment. Perforations will be at 5144-52, 4976-87, 4879-82, 4837-40, 4825-34. A small acid break down may be used and a 25,100 gal. gelled water frac with 70,000# of sand will be used.

*what is the layout of prod. equipment with respect to well pad.*

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

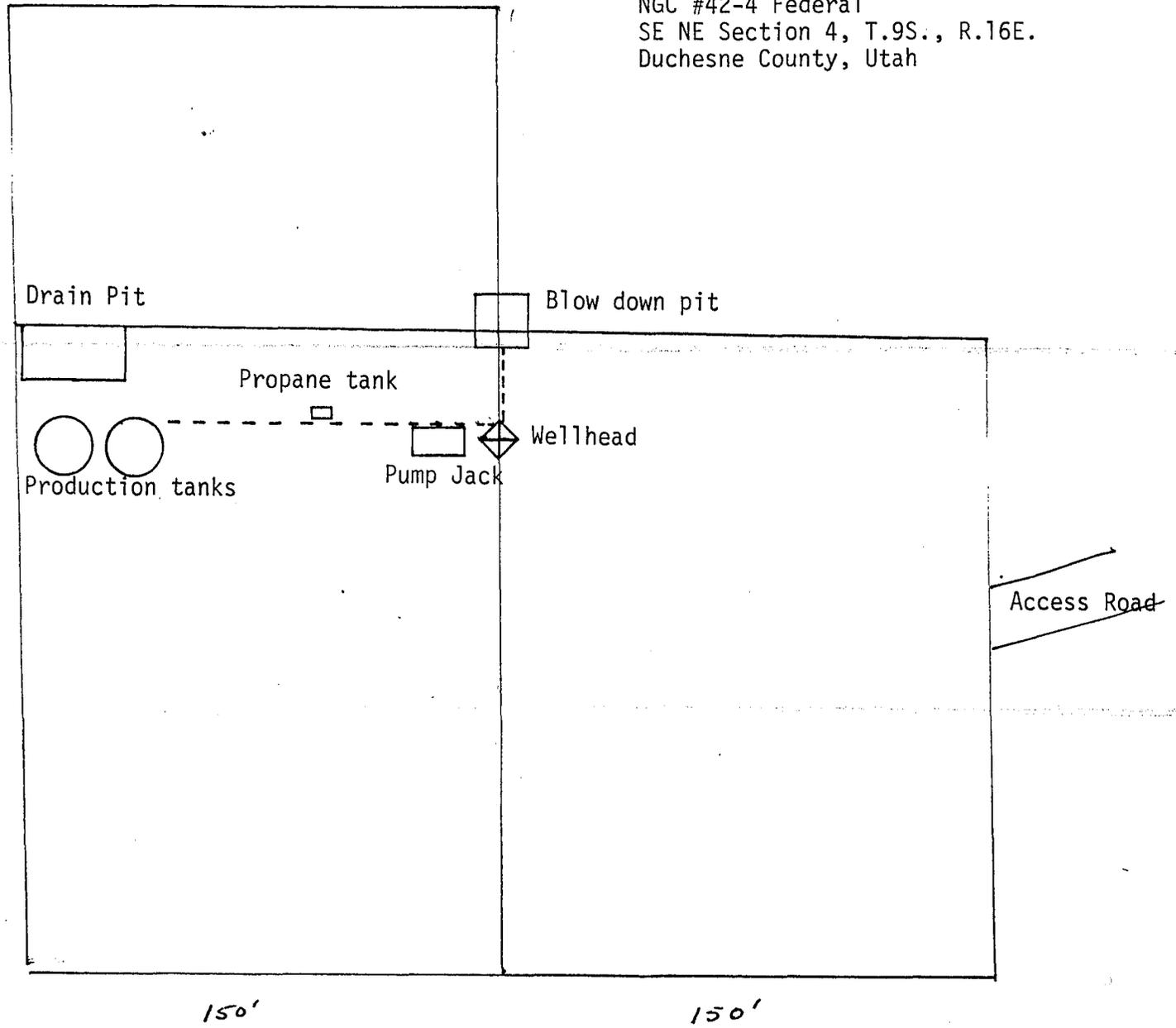
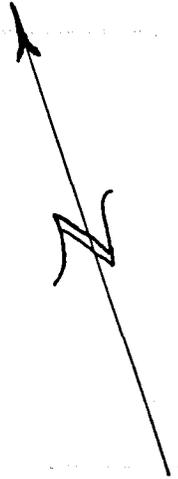
SIGNED Wm Ryan TITLE Petroleum Engr. DATE May 11, 1982  
William A. Ryan

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

cc: Minerals Management; Division of Oil, Gas & Mining; Chorney, DeGoTyer; Operations; ERHenry; SFurtado

NGC #42-4 Federal  
SE NE Section 4, T.9S., R.16E.  
Duchesne County, Utah



NATURAL GAS CORPORATION  
OF CALIFORNIA

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

May 11, 1982

Mr. E. W. Guynn  
Minerals Management Service  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Mr. Sam Boltz, Jr.  
Chorney Oil Company  
1860 Lincoln, Suite 401  
Denver, CO 80295

Mr. Bob Gilmore  
DeGolyer & MacNaughton  
No. 1 Energy Square  
Dallas, TX 75206

Re: NGC #42-4 Federal  
SE NE Section 4, T.9S., R.16E.  
Duchesne Co., UT

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Request for Approval to Complete and Install Production Equipment, for the above captioned well.

Yours truly,

*W<sup>m</sup> Ryan*

William A. Ryan  
Petroleum Engineer

/kh

Attachment

cc: Operations  
C. T. Clark (Cover Letter Only)  
E. R. Henry  
S. Furtado

DIVISION OF  
OIL, GAS & MINING

MAY 13 1982

RECEIVED

NATURAL GAS CORPORATION  
OF CALIFORNIA

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

June 3, 1982

Mr. E. W. Guynn  
Minerals Management Service  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Mr. Sam Boltz, Jr.  
Chorney Oil Company  
1860 Lincoln, Suite 401  
Denver, CO 80295

Mr. Bob Gilmore  
DeGolyer & MacNaughton  
No. 1 Energy Square  
Dallas, TX 75206

Re: NGC #42-4 Federal  
SE NE Section 4, T.9S., R.16E.  
Duchesne Co., Utah

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Request for Approval to Complete and Install Production Equipment, resubmitted to your office for the above captioned well.

Yours truly,

*W<sup>m</sup> Ryan*

William A. Ryan  
Petroleum Engineer

/kh

Attachment

cc: Operations  
C. T. Clark (Cover Letter Only)  
E. R. Henry  
S. Furtado

RECEIVED

JUN 07 1982

DIVISION OF  
OIL, GAS & MINING

**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078  
July 16, 1982

**CONFIDENTIAL**

Mr. E. W. Gynn  
Minerals Management Service  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Mr. Sam Boltz, Jr.  
Chorney Oil Company  
1860 Lincoln, Suite 401  
Denver, CO 80295

Mr. Bob Gilmore  
DeGolyer & MacNaughton  
No. 1 Energy Square  
Dallas, TX 75206

Re: NGC #42-4 Federal  
SE NE Sec. 4, T.9S., R.16E.  
Duchesne Co., UT

Gentlemen:

Attached are copies of Form 9-330, Well Completion or Recompletion Report and Log, for the above captioned well.

Yours truly,

*W<sup>m</sup> Ryan*

William A. Ryan  
Petroleum Engineer

/kh

Attachment

cc: Operations  
C. T. Clark  
E. R. Henry  
R. Boschee  
D. McGinley  
J. M. Kunz  
K. E. Reed  
I. Chai  
S. Furtado

RECEIVED

JUL 21 1982

DIVISION OF  
OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number NGC #42-4 Monument Butte

Operator Natural Gas Corp. of California Address 7800 East Union Ave., Suite 800  
Denver, CO 80237

Contractor Olsen Drilling Co. Address 410 17th Street, Suite 1650  
Denver, CO 80202

Location SW 1/4 NE 1/4 Sec. 4 T. 9S R. 16E County Dushesne

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	<u>None</u>		
2.			
3.			
4.			
5.			

(Continue of reverse side if necessary)

Formation Tops

Green River FM - 1666' Wasatch FM - 6305'

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE  
See other instructions on reverse side)

**CONFIDENTIAL**

Form approved by Bureau of Reclamation No. 4-1955.5.

5. LEASE DESIGNATION AND SERIAL NO.

U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

42-4

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Section 4, T.9S., R.16E.

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

14. PERMIT NO. DATE ISSUED  
43-013-30638 2/9/82

**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  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 2135' FNL, 515' FEL, SE 1/4 NE 1/4 Sec. 4, T.9S., R.16E.

At top prod. interval reported below

At total depth

15. DATE SPUNDED 3/20/82 16. DATE T.D. REACHED 3/31/82 17. DATE COMPL. (Ready to prod.) 6/22/82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5627' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6487' 21. PLUG, BACK T.D., MD & TVD 6404' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 10-TD ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 5144-5152, 4978-4984, 4763-4881 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, GR, SP, EDC, CNL, Cal, BHC-Sonic, Sonic F-Log 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	24# K-55	300	12-1/4	To surface	
5-1/2	17# N-80	6487	7-7/8	720 sx	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	4748.74	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	NUMBER	TYPE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5144-5152	3 SPF 90°	25	Phasing 4" Hyper Jet I	5144-5152	10 bbls. 3% KCL, 20,500 gal. fluid
4978-4984	3 SPF	19	" "	4978-4984	27,100# sand
4763-4881	"	13	" 13 holes		5 bbls., 3% KCL, 27,630 gal. fluid
					69,000# sand

33.\* PRODUCTION 4763-4881 10 bbls 3% KCL 64,800 gal fl, 165,000 # sand  
DATE FIRST PRODUCTION 6-22-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 1 1/2" Rod pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/21/82	24			121	430	10	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
0	420		121	430	10	36.8	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel. TEST WITNESSED BY Boyd Snow

35. LIST OF ATTACHMENTS  
Geological report to follow.

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

SIGNED W<sup>m</sup> Ryan TITLE Petroleum Engineer DATE July 16, 1982  
W. A. Ryan

\*(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:**

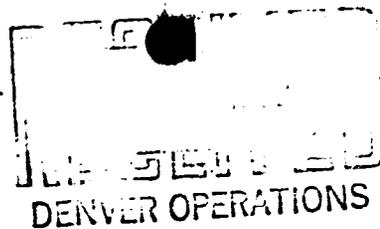
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

**38.**

**GEOLOGIC MARKERS**

NAME	TOP		TRUE VERT. DEPTH
	MEAS.	DEPTH	
Green River	1666		
Oil Shale Facies	2340		
Delta Facies	3368		
Green Shale Fac.	4410		
Black Shale Fac.	5590		
Green River Lime	6100		
Wasatch	6310		



COPY

November 3, 1982

Mr. Edward W. Guynn  
District Engineer  
Minerals Management Service  
2000 Administration Bldg.  
1745 W. 1700 S. Street  
Salt Lake City, Utah 84104

Dear Mr. Guynn:

Pursuant to NTL-3A, Natural Gas Corporation of California is hereby reporting an "other than major undesirable event", which resulted in the discharge (spilling) of 95 barrels of oil in a non-sensitive area. The spill was entirely contained by an earth berm surrounding two storage tanks (Pleasant Valley tanks 9 and 10) and a pit. No other Federal or State agencies were notified of this incident.

The July 31, 1982 overflow from the full PV - 10 tank at the 42-4 well (Federal Lease No. U-30096; SWNE Sec. 4, 9S16E; Duchesne County, Utah) arose because the valves to both tanks were inadvertently left open to production after a sale from the PV - 10 on July 28. When a sale from the PV - 9 tank occurred on July 30, field personnel, believing the PV - 10 tank to be empty, left that valve open.

Since this incidental spill was contained within the berm, the surrounding surface and subsurface areas were not affected. The 95 bbls. will be reported as amended production in the near future.

Our field personnel have been asked to be more careful in the future and to gauge all tanks on a daily basis. Meanwhile, we are looking into practicable measures which could be taken to prevent recurrence of such an incident. If you have any questions regarding this matter, please feel free to contact me.

Original Signed By  
C. G. CAMPBELL

C. G. CAMPBELL

NT:apb

bcc: ~~RF Boswell/P Chuman~~  
RL Moorehead  
RDDethlefsen  
JMKunz/NKTemnikov

1. CIRC.  
2. FILE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP  
(Other instruction re-  
verse 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. U-30096	
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		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 2135' FNL 515' FEL		8. FARM OR LEASE NAME Federal	
14. PERMIT NO. 43-013-3638		9. WELL NO. 42-4-G	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5627' GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 4, T.9S., R.16E.	
		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) <input type="checkbox"/>	

(Other) Request Temporary Surface Pit  (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.)\*

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.

RECEIVED  
NOV 23 1984

DIVISION OF  
OIL, GAS & MINING

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE November 15, 1984

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

\*See Instructions on Reverse Side  
DATE: 10/30/84  
BY: John R. Dye

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

17  
EA.

101535

5. LEASE DESIGNATION AND SERIAL NO.

See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

See attached list

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley area

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

12. COUNTY OR PARISH

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
85 South 200 East, Vernal, UT 84078

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

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OCT 08 1986

DIVISION OF  
OIL, GAS & MINING

14. PERMIT NO.

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

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Venting Gas <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator advises that due to contractual problems with pipeline companies and FERC, 15 of our Pleasant Valley wells began venting gas September 26, 1986. At that time we began testing to determine the amount of gas being vented at each well.

October 4, 1986 we were notified that these wells could go back on production. All wells are currently on production and venting has ceased.

Attached is a list of these wells.

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

SIGNED

*Eric F. Hadsell*  
Eric F. Hadsell

TITLE

Lead Engineer

DATE

October 6, 1986

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Natural Gas  
Corporation of  
California

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OCT 08 1986

DIVISION OF  
OIL, GAS & MINING

October 6, 1986

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

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

Re: Gas Sales to Pipeline  
Pleasant Valley Field

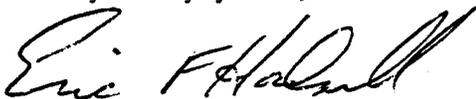
Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", notifying you that 15 of our Pleasant Valley wells were venting gas from September 26, 1986 to October 4, 1986. All 15 wells as listed below are currently producing to Mountain Fuel's gas gathering system.

Lease #U-30096	32-5-G, 21-5-G, 12-4-G, & 42-4-G
Lease #U-10760	12-8-H, 31-8-H, 41-8-H, & 42-8-H
Lease #U-50750	11-9-H, 12-9-H, & 22-9-H
Lease #U-30688	33-34-D
Lease #U-45031	42-34-D & 43-34-D
Lease #U-49430	13-35-D

If you have any questions, please contact our Vernal office.

Very truly yours,



Eric F. Hadsell  
Lead Engineer

/KH

cc: Operations  
S. Furtado (Room 1449)  
L. Jorgensen (Room 1412)  
Files

Natural Gas  
Corporation of  
California

MAR 31 1988

DIVISION OF  
OIL, GAS & MINING

March 29, 1988

040704

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

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

Re: Report of Vented Gas at Pleasant Valley and Glen Bench

Gentlemen,

We are presently unable to sell our casinghead gas from the wells listed below because of problems with Amsel's gathering system that are preventing it from operating. As a result we are having to vent gas from these wells and they were recently tested at the following volumes:

Pleasant Valley #21-5-G	26 MCFD
Pleasant Valley #32-5-G	43 MCFD
Pleasant Valley #12-4-G	10 MCFD
Pleasant Valley #42-4-G	73 MCFD
Pleasant Valley #22-9-H	26 MCFD
Pleasant Valley #11-9-H	43 MCFD
Pleasant Valley #41-8-H	43 MCFD
Pleasant Valley #42-8-H	17 MCFD
Pleasant Valley #31-8-H	21 MCFD
Pleasant Valley #12-8-H	14 MCFD
Pleasant Valley #12-9-H	26 MCFD

Not venting the gas would be severely detrimental to our oil production so we request approval to continue to vent these amounts while the Amsel gathering system is inoperable.

In addition, due to the small and declining gas volumes from all of our Glen Bench and Pleasant Valley oil wells, we request approval to alter our testing schedule from monthly to yearly. We feel this would provide sufficient information on these low gas-oil ratio wells.

Sincerely,

*Mike McMican*

Mike McMican  
Petroleum Engineer

MM/cw

Attachments

cc: S. Furtado (Rm 1458); L. Jorgensen (Rm 1433); W.G. Paulsell (Rm 1428)

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

PLEASANT VALLEY WELLS VENTING GAS

WELL	LOCATION	COUNTY	LEASE NO.
32-5G	SW/NE Sec. 5, T9S, R16E	Duchesne	U-30096
21-5G	NE/NW Sec. 5, T9S, R16E	Duchesne	U-30096
12-4G	SW/NW Sec. 4, T9S, R16E	Duchesne	U-30096
42-4G	SE/NE Sec. 4, T9S, R16E	Duchesne	U-30096
12-8H	SW/NW Sec. 8, T9S, R17E	Duchesne	U-10760
31-8H	NW/NE Sec. 8, T9S, R17E	Duchesne	U-10760
41-8H	NE/NE Sec. 8, T9S, R17E	Duchesne	U-10760
42-8H	SE/NE Sec. 8, T9S, R17E	Duchesne	U-10760
11-9H	NW/NW Sec. 9, T9S, R17E	Duchesne	U-50750
12-9H	SW/NW Sec. 9, T9S, R17E	Duchesne	U-50750
22-9H	SE/NW Sec. 9, T9S, R17E	Duchesne	U-50750
33-34D	NW/SE Sec. 34, T8S, R18E	Uintah	U-30688
42-34D	SE/NE Sec. 34, T8S, R18E	Uintah	U-45031
43-34D	SE/NE Sec. 34, T8S, R18E	Uintah	U-45031
13-35D	NW/SW Sec. 35, T8S, R18E	Uintah	U-49430

**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

5. LEASE DESIGNATION AND SERIAL NO.

U-30096 *POW-GRN*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

42-4-G

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

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

Sec 4, T9S, R16E

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
85 South 200 East, Vernal, UT 84078

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

2135' FNL 515' FEL SE NE

14. PERMIT NO. 43-013-~~3638~~ 30638 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5627' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	Vent Gas <input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Due to problems with our transporter, Amgas, we are currently forced to vent gas from the subject well. The amount being vented is 73 MCFD.

Amgas has had management problems resulting in the shutting in of the three rental compressors on the gathering system. Amgas has made major corporate changes in administration and is hoping to have the gathering system operational within 90 days.

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

SIGNED *Christ M. Sedberry* TITLE Production Supt. DATE 3/29/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse 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.)

RECEIVED  
JUL 11 1988  
DIVISION OF OIL, GAS & MINING

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-30096
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface 2135' FNL 515' FEL SE NE		8. FARM OR LEASE NAME Federal
14. PERMIT NO. <u>30638</u> 43-013-3638		9. WELL NO. 42-4-G
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5627' GR		10. FIELD AND POOL, OR WILDCAT Pleasant Valley
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 4, T9S, R16E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

18. 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) _____	Vent Gas <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.)\*

Due to problems with our transporter, Amgas, we are currently forced to vent gas from the subject well. The amount being vented is 139 MCFD.

Amgas has had management problems resulting in the shutting in of the three rental compressors on the gathering system. Amgas has made major corporate changes in administration and is hoping to have the gathering system operational within 30 days.

18. I hereby certify that the foregoing is true and correct  
SIGNED Clement M. Hedden TITLE Production Supt. DATE 7/6/88

(This space for Federal or State office use)  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:  
Federal approval of this action is required before commencing operations.  
ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
DATE: 8-8-88  
BY: John P. Bays  
\*See Instructions on Reverse Side

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

Natural Gas  
Corporation of  
California

RECEIVED  
JUL 11 1988

Suspense  
SLS  
11-8-88

DIVISION OF  
OIL, GAS & MINING

July 7, 1988

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

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

Re: Report of Vented Gas at Pleasant Valley and Glen Bench

Gentlemen,

We are presently unable to sell our casinghead gas from the wells listed below because of problems with Amsel's gathering system that are preventing it from operating. As a result we are having to vent gas from these wells and they were recently tested at the following volumes:

Pleasant Valley #21-5-G	40 MCFD
Pleasant Valley #32-5-G	49 MCFD
Pleasant Valley #12-4-G	22 MCFD ✓
Pleasant Valley #42-4-G	139 MCFD
Pleasant Valley #22-9-H	56 MCFD
Pleasant Valley #11-9-H	72 MCFD
Pleasant Valley #41-8-H	54 MCFD
Pleasant Valley #42-8-H	28 MCFD
Pleasant Valley #31-8-H	29 MCFD
Pleasant Valley #12-8-H	18 MCFD ✓

Not venting the gas would be severely detrimental to our oil production so we request approval to continue to vent these amounts while the Amsel gathering system is inoperable.

In addition, due to the small and declining gas volumes from all of our Glen Bench and Pleasant Valley oil wells, we request approval to alter our testing schedule from monthly to yearly. We feel this would provide sufficient information on these low gas-oil ratio wells.

Sincerely,

*Mike McMican*

Mike McMican  
Petroleum Engineer

MM/cw

Attachments

cc: S. Furtado (Rm 1458); L. Jorgensen (Rm 1433); W.G. Paulsell (Rm 1428)

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse 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 purposes.)

RECEIVED  
JUL 11 1988  
DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO. U-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Federal

9. WELL NO. 42-4-G

10. FIELD AND POOL, OR WILDCAT Pleasant Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 4, T9S, R16E

12. COUNTY OR PARISH Duchesne 13. STATE Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR Natural Gas Corporation of California

3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any instructions on reverse side. See also space 17 below.)  
At surface  
2135' FNL 515' FEL SE NE

14. PERMIT NO. 30638  
43-013-3638

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5627' GR

18. 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) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	Vent Gas <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.)\*

Due to problems with our transporter, Amgas, we are currently forced to vent gas from the subject well. The amount being vented is 139 MCFD.

Amgas has had management problems resulting in the shutting in of the three rental compressors on the gathering system. Amgas has made major corporate changes in administration and is hoping to have the gathering system operational within 30 days.

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

SIGNED Christ M. Seddlem TITLE Production Supt. DATE 7/6/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ ACCEPTED BY THE STATE

CONDITIONS OF APPROVAL, IF ANY:

OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Federal approval of this action is required before commencing operations.

\*See Instructions on Reverse Side

DATE: 8-8-88

BY: John P. Bays



UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• NATURAL GAS CORP OF CA  
 85 SOUTH 200 EAST  
 VERNAL UT 84078  
 ATTN: PROD. ACCOUNTING

Utah Account No. N0700

Report Period (Month/Year) 5 / 89

Amended Report

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
FEDERAL 23-5-G 4301331207 06105 09S 16E 5	<i>Conf.</i> GRRV				
NGC FED. 32-5G 4301330670 06110 09S 16E 5	GRRV				
FEDERAL 42-4 4301330638 06115 09S 16E 4	GRRV				
SE FLANK UINTAH 7-28 4304730126 06121 15S 22E 28	DKTA				
FEDERAL 24-22 4304730610 06124 08S 22E 22	WSTC				
NGC 33-2H STATE 4304731195 06125 09S 17E 2	GRRV				
D 23-17 SAND RIDGE 4304730623 06126 08S 23E 17	WSTC				
STATE NGC 11-16 4301330616 06130 09S 17E 16	GRRV				
NGC 22-20 4304731356 06135 08S 22E 20	GRRV				
NGC 12-8H FEDERAL 4301330680 06140 09S 17E 8	GRRV				
FED NGC 21-15 4301330614 06145 09S 17E 15	GRRV				
NGC 24-15H FEDERAL 4301330681 06150 09S 17E 15	GRRV				
NGC 33-18J 4304731200 06155 09S 19E 18	GRRV				
TOTAL					

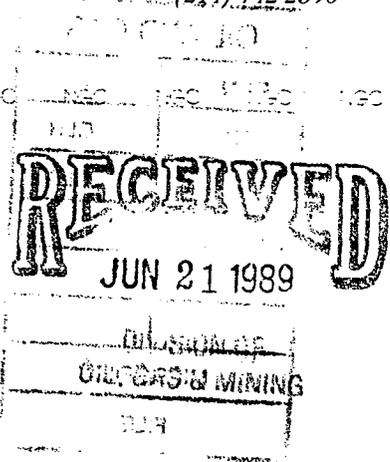
Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete. Date \_\_\_\_\_

Authorized signature \_\_\_\_\_ Telephone \_\_\_\_\_

NGC  
Energy  
Company

2001 Bryan Tower  
Suite 953  
Dallas, Texas 75201  
(214) 742-2396



June 12, 1989

Dear Operator/Vendor:

NGC Energy Company has changed its' name to PG&E Resources Company and has relocated its' corporate headquarters from Concord, California to Dallas, Texas. All invoices and correspondence currently mailed to Concord, California should now be addressed to:

PG&E RESOURCES COMPANY  
2001 Bryan Tower, Suite 953  
Dallas, TX 75201

PG&E Resources Company's Rocky Mountain Regional office will continue to operate in Vernal, Utah. Please mail all invoices and correspondence pertaining to the Rocky Mountain region to:

PG&E RESOURCES COMPANY  
85 South 200 East  
Vernal, UT 84078

All remittances should be mailed to:

PG&E RESOURCES COMPANY  
P. O. Box 840274  
Dallas, Texas 75284-0274

PG&E Resources Company federal tax identifying number is 94-2882054.

Should you need any additional information, please contact Patti Sanders, Accounts Payable Supervisor.

Sincerely,

Keith H. Perkins  
Vice President Controller

KHP/chs

6-26-89

NGC Energy Co : Natural Gas Corp  
of CA are one in the same  
company. talked w/ Mr. Perkins  
he indicated both companies  
should reflect the chg. NGC Co.  
will send a chg of opp from  
Natural Gas Corp to NGC.  
JAS

**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:

PRODUCTION DEPT  
 PG&E RESOURCES COMPANY  
 6688 N CENTRAL EXP #1000  
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N0595

REPORT PERIOD (MONTH/YEAR): 8 / 94

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓	FRED MORRIS FED 19-1							
4301330587	00451	09S 17E 19	GRRV			✓	U13905	
✓	CASTLE PEAK FEDERAL 43-5							
4301330858	02043	09S 16E 5	GR-WS				U034217A	(Wells Draw GRRV Unit)
✓	<del>DEVIL'S PLAYGROUND 32-31W</del>							
4304731010	06047	09S 24E 31	MVRD	TA		✓	U9215	(Rec'd 10-21-94) * Paid 10-24-94
✓	POMCO 14-8							
4301330542	06057	09S 17E 8	GRRV			✓	U10760	
✓	FEDERAL 11-9-H							
4301330887	06058	09S 17E 9	GRRV			✓	U50750	
✓	FED NGC 31-8H							
4301330679	06075	09S 17E 8	GRRV			✓	U10760	
✓	NGC 41-8H							
4301330741	06085	09S 17E 8	GRRV			✓	"	
✓	FED 41-30							
4301330601	06095	09S 17E 30	GRRV			✓	U11385	
✓	NGC 12-4G							
4301330699	06100	09S 16E 4	GRRV			✓	U30096	(Wells Draw GRRV Unit)
✓	NGC FED 21-5G							
4301330698	06105	09S 16E 5	GRRV			✓	"	(Wells Draw GRRV Unit)
✓	FEDERAL 23-5-G							
4301331207	06105	09S 16E 5	GRRV			✓	"	(Wells Draw GRRV Unit)
✓	NGC FED 32-5G							
4301330670	06110	09S 16E 5	GRRV			✓	"	(Wells Draw GRRV Unit)
✓	FEDERAL 42-4							
4301330638	06115	09S 16E 4	GRRV			✓	"	(Wells Draw GRRV Unit)
<b>TOTALS</b>								

COMMENTS: \* Wells Draw GRRV Unit eff. 4/94  
\* West Willow Creek Unit eff. 10/94  
\* Tiny Wells (MIC F5)

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

Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

DALEN Resources  
Oil & Gas Co.



October 5, 1994

OCT 11

Lisha Romero  
State Oil & Gas Office  
3 Triad Center  
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Ms. Romero:

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. We are requesting a blanket change for all of PG&E Resources Company's properties to:

DALEN Resources Oil & Gas Co.  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75206-3922

This change is effective October 1, 1994 for all records and reports filed in all districts throughout the state of Utah. I have included a listing of our Utah properties.

Also enclosed is a copy of the Certificate of the Secretary of State of Delaware regarding the name change to DALEN Resources Oil & Gas Co.

If you have any questions regarding this matter, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson  
Regulatory Analyst

JJ/sw  
Enclosures

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

*State of Delaware*  
*Office of the Secretary of State*

---

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PG&E RESOURCES OFFSHORE COMPANY", A DELAWARE CORPORATION, WITH AND INTO "PG&E RESOURCES COMPANY" UNDER THE NAME OF "DALEN RESOURCES OIL & GAS CO.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE NINETEENTH DAY OF SEPTEMBER, A.D. 1994, AT 1:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.



  
\_\_\_\_\_  
Edward J. Freel, Secretary of State

2261176 8100M

944175519

AUTHENTICATION:

7242629

DATE:

09-19-94

**CERTIFICATE OF OWNERSHIP  
AND MERGER**

**MERGING**

**PG&E Resources Offshore Company  
a Delaware corporation**

**INTO**

**PG&E Resources Company  
a Delaware corporation**

**(Pursuant to Section 253 of the General Corporation  
Law of the State of Delaware)**

PG&E Resources Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware ("Resources"), does hereby certify:

**FIRST:** That Resources and PG&E Resources Offshore Company ("Offshore") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

**SECOND:** That Resources owns all of the outstanding shares of the capital stock of Offshore.

**THIRD:** That the board of directors of Resources adopted the following resolutions by unanimous written consent on September 16, 1994, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

**"RESOLVED,** that PG&E Resources Offshore Company, a Delaware corporation ("Offshore"), which is a wholly-owned subsidiary of Resources, merge with and into Resources pursuant to Section 253 of the General Corporation Law of the State of Delaware (the "Merger"), effective as of 9:00 A.M., Wilmington, Delaware time, on October 1, 1994, and that Resources assume all of the obligations of Offshore at such time;

**RESOLVED,** that upon the effective time of the Merger the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."; and

**RESOLVED,** that the President or any Vice President of Resources are hereby authorized and empowered to file with the Secretary of State of the State of Delaware a certificate of ownership and merger to effect the Merger and the name change of the surviving corporation, and the appropriate officers of Resources are hereby authorized to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver

or cause to be executed and delivered, in the name of and on behalf of Resources, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of Resources (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

FOURTH: This Certificate shall not be effective upon its filing date, but shall become effective at 9:00 A.M., Wilmington, Delaware time, on October 1, 1994 (the "Effective Date").

FIFTH: Upon the Effective Date, the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."

IT WITNESS WHEREOF, Resources has caused this Certificate to be signed by its duly authorized officer this 19th day of September 1994.

PG&E RESOURCES COMPANY

By Joseph T. Williams  
Name: Joseph T. Williams  
Title: President

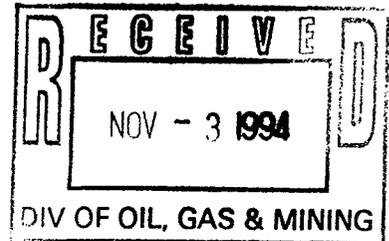
DALEN Resources  
Oil & Gas Co.



October 31, 1994

Kent E. Johnson  
Vice President  
Exploration/Development

STATE OF UTAH NATURAL RESOURCES  
OIL & GAS MINING  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
Attn: Gil Hunt



Re: Name Change  
PG&E Resources Company

Gentlemen:

Effective October 1, 1994, PG&E Resources Company (PG&ER) changed its name to **DALEN** Resources Oil & Gas Co. As a result of this action, all activities previously conducted in the name of PG&E Resources Company will subsequently be conducted by **DALEN** Resources Oil & Gas Co.. No changes in ownership, personnel, office address, telephone numbers, or business practices were caused by this name change.

Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN** Resources Oil & Gas Co.

Very truly yours,

A handwritten signature in cursive script that reads "John R. Wingert".

John R. Wingert  
Exploration Manager  
Northern Division

JRW:lkd

Bureau of Land Management  
Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

3100  
U-01470A  
(UT-923)

NOV 29 1994

CERTIFIED MAIL---Return Receipt Requested

DECISION

DALEN Resources Oil & Gas Co. :  
6688 N. Central Expwy., #1000 : Oil and Gas  
Dallas, Texas 75206 : U-01470A et al

Corporate Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of PG&E Resources Company to DALEN Resources Oil & Gas Co. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this decision. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to the Nationwide Bond No. U1870111 (BLM Bond No. WY2554) has been filed in the Wyoming State Office, in order to change the name of the principal on the bond. It has been examined and found to be satisfactory by that office.

/s/ ROBERT LOPEZ

Chief, Minerals  
Adjudication Section

Enclosure  
Exhibit

bc: Moab District Office w/encl.  
Vernal District Office w/encl.  
MMS-Data Management Division, Denver  
UT-922 (Teresa Thompson) w/encl.

Post-It™ brand fax transmittal memo 7671		# of pages	2
To	LISHA CARDOVA	From	CHRIS MERRITT
Co.	STATE OF UTAH	Co.	BLM
Dept.	OIL & GAS	Phone #	539-4109
Fax #	359-3940	Fax #	539-4260

CMerritt:dab 11/25/94 (U01470A)

List of Leases Affected

U-01470A	U-6632	UTU-65615	UTU-68631
U-01790	U-6634	UTU-66004	UTU-69024
U-02896A	U-7206	UTU-66027	UTU-69166
U-03505	U-10291	UTU-66033	UTU-69482
U-03576	U-10760	UTU-66184	UTU-69744
U-013429A	U-11385	UTU-66185	UTU-72104
U-013765	U-12942	UTU-66187	UTU-73087
U-013766	U-13905	UTU-66193	UTU-73089
U-013767	U-14236	UTU-66484	UTU-73433
U-013769	U-15392	UTU-66743	UTU-73512
U-013769A	U-16172	UTU-67168	U-47453 ROW
U-013769B	U-16535	UTU-67841	U-49204 ROW
U-013769C	U-16539	UTU-67857	U-49205 ROW
U-013792	U-16544	UTU-67996	U-49223 ROW
U-013793	U-17036	UTU-67997	U-49236 ROW
U-013793A	U-17424	UTU-68108	U-49243 ROW
U-013794	U-19267	UTU-68109	U-50487 ROW
U-013818A	U-30096	UTU-68316	U-50488 ROW
U-013820	U-39221	UTU-68328	U-50497 ROW
U-013821A	U-39713	UTU-68330	U-50806 ROW
U-017713	U-39714	UTU-68338	U-50809 ROW
U-035316	U-40026	UTU-68346	U-50825 ROW
U-037164	U-46825	UTU-68347	U-50833 ROW
U-0141644	U-47171	UTU-68348	U-53910 ROW
U-0143519	U-49092	UTU-68388	U-54803 ROW
U-0143520A	U-50750	UTU-68402	U-61946 ROW
U-0143521A	U-52765	UTU-68544	U-63969 ROW
U-0147541	U-55626	UTU-68548	UTU-69111 ROW
U-0147541A	U-58546	UTU-68619	
U-2838	U-61052	UTU-68624	
U-6610	U-61189	UTU-68625	
U-6612	U-62657	UTU-68626	
U-6615	UTU-65218	UTU-68627	

U-034217A \*Confirmed Btm/54  
11-29-94. Jec

## UTAH WELLS

OCT 11 1994

8/24/94

WELL NAME	LOCATION	SEC-TWNSHIP-RANGE	COUNTY	LEASE NUMBER	API NO.
✓ Govt. Fowler #20-1	NW/4 NW/4	20-9S-17E	Duchesne	U-13905	43-013-30563
✓ Federal #19-1	NW/4 NW/4	19-9S-17E	Duchesne	U-13905	43013-30587
✓ Federal #41-30-H	NE/4 NE/4	30-9S-17E	Duchesne	U-11385	43-013-30601
✓ Federal #21-15-H	NE/4 NW/4	15-9S-17E	Duchesne	U-11385	43-013-30614
✓ State #11-16 (PA'd 5/90)	NW/4 NW/4	16-9S-17E	Duchesne	ML-21844	43-013-30616
✓ Federal #42-4	SE/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-30638
✓ Federal #13-9-H	NW/4 SW/4	9-9S-17E	Duchesne	U-37810	43-013-30656
✓ Federal #32-5-G	SW/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-30670
✓ Federal #31-8-H	NW/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30679
✓ Federal #12-8-H	SW/4 NW/4	8-9S-17E	Duchesne	U-10760	43-013-30680
✓ Federal #24-15-H	SE/4 SW/4	15-9S-17E	Duchesne	U-10760	43-013-30681
✓ Federal #24-9-H	SE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-30682
✓ Federal #21-5-G	NE/4 NW/4	5-9S-16E	Duchesne	U-30096	43-013-30698
✓ Federal #12-4-G	SW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-30699
✓ NGC #41-8-H	NE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30741
✓ Federal #42-8-H (PA'd 5/90)	SE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30678
✓ NGC #11-9-H	NW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30887
✓ Federal #12-9-H	SW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30983
✓ Federal #22-9-H	SE/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-31049
✓ Federal #41-5-G	NE/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-31205
✓ Federal #23-9-H	NE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-31206
✓ Federal #23-5-G	NE/4 SW/4	5-9S-16E	Duchesne	U-30096	43-013-31207
✓ Federal #24-33-B	SE/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31214
✓ Federal #14-34-B	SW/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31225
✓ Federal #31-4-G	NW/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-31228
✓ Federal #14-33-B	SW/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31229
✓ Federal #43-33-B	NE/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31240
✓ Federal #23-34-B	NE/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31241
✓ Federal #11-4-G	NW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-31250



ENTITY REVIEW

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

BOND VERIFICATION (~~Fee wells only~~) *Surety U1870145/80,000 "Rider to Daken" rec'd 10-3-94. # Trust Land/Ed "Rider" Aprv. 10-5-94 # U2164274/80,000.*

- 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 <sup>*Upon compl. of routing.*</sup> and former operators' bond files.
- Yes*/*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.
- DTD* 2. Copies of documents have been sent to State Lands for changes involving State leases. *2/8/94 to Ed Bonner*

FILMING

- 1. All attachments to this form have been microfilmed. Date: December 15 1994.

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

*941108. B/m/s.Y. Not aprv. yet!*

*941125 " Aprv'd.*

**ENSERCH  
EXPLORATION** INC

4849 Greenville Ave., Suite 1200  
Dallas, Texas 75206-4186  
214/369-7893

January 11, 1996

Bureau of Land Management  
Utah State Office  
324 South State  
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

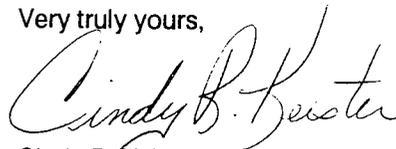
RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,



Cindy R. Keister  
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

UTAH WELLS  
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY
*	Federal	11- 4G	U-30096	✓ 43-013-31250	NW NW	4	9S	16E	Duchesne
*	Federal	12- 4G	U-30096	✓ 43-013-3699	SW NW	4	9S	16E	Duchesne
✓*	Federal	21- 4G	U-30096	43-013-31272	NE NW	4	9S	16E	Duchesne
*	Federal	31- 4G	U-30096	✓ 43-013-31228	NW SE	4	9S	16E	Duchesne
* <del>✓</del>	Federal	42- 4G	U-30096	✓ 43-013-30638	SE NE	4	9S	16E	Duchesne
*	Federal	21- 5G	U-30096	✓ 43-013-30698	NE NW	5	9S	16E	Duchesne
*	Federal	22- 5G	U-30096	✓ 43-013-31273	SE NW	5	9S	16E	Duchesne
*	Federal	23- 5G	U-30096	✓ 43-013-31207	NE SW	5	9S	16E	Duchesne
*	Federal	31- 5G	U-30096	✓ 43-013-31252	NW NE	5	9S	16E	Duchesne
✓*	Federal	32- 5G	U-30096	43-013-30670	SW NE	5	9S	16E	Duchesne
✓*	Federal	41- 5G	U-30096	43-013-31205	NE SW	5	9S	16E	Duchesne
*	Federal	43- 5G	U-034217-AV	43-013-30858	NE SE	5	9S	16E	Duchesne
*	Federal	13- 33B	U-49092	✓ 43-013-31277	NW SW	33	8S	16E	Duchesne
✓*	Federal	14- 33B	U-49092	43-013-31229	SW SW	33	8S	16E	Duchesne
*	Federal	23- 33B	U-49092	✓ 43-013-31251	NE SW	33	8S	16E	Duchesne
*	Federal	24- 33B	U-49092	✓ 43-013-31214	SE SW	33	8S	16E	Duchesne
*	Federal	33- 33B	U-49092	✓ 43-013-31268	NW SE	33	8S	16E	Duchesne
✓*	Federal	34- 33B	U-49092	43-013-31269	SW SE	33	8S	16E	Duchesne
✓*	Federal	43- 33B	U-49092	43-013-31240	NE SE	33	8S	16E	Duchesne
*	Federal	44- 33B	U-49092	✓ 43-013-31270	SE SE	33	8S	16E	Duchesne
*	Federal	13- 34B	U-47171	✓ 43-013-31271	NW SW	34	8S	16E	Duchesne
✓*	Federal	14- 34B	U-47171	43-013-31225	SW SW	34	8S	16E	Duchesne
*	Federal	23- 34B	U-47171	✓ 43-013-31241	NE SW	34	8S	16E	Duchesne
**	Federal	14- 4	U-07978	✓ 43-013-30671	SW SW	4	9S	17E	Duchesne
**	Federal	34- 5	UTU-72108	✓ 43-013-30721	SW SE	5	9S	17E	Duchesne
**	Federal	44- 5	UTU-72108	✓ 43-013-30913	SE SE	5	9S	17E	Duchesne
**	Federal	12- 8H	U-10760	✓ 43-013-30680	SW NW	8	9S	17E	Duchesne
**	Federal	21- 8H	U-10760	✓ 43-013-31460	NE NW	8	9S	17E	Duchesne
**	Federal	22- 8H	U-10760	✓ 43-013-31457	SE NW	8	9S	17E	Duchesne
**	Federal	31- 8H	U-10760	✓ 43-013-30679	NW NE	8	9S	17E	Duchesne
**	Federal	32- 8H	U-10760	✓ 43-013-30542	SW NE	8	9S	17E	Duchesne
**	Federal	41- 8H	U-10760	✓ 43-013-30741	NE NE	8	9S	17E	Duchesne
**	Federal	42- 8H	U-10760	✓ 43-013-30678	SE NE	8	9S	17E	Duchesne
	Federal	24- 15H	U-10760	✓ 43-013-30681	SE SW	15	9S	17E	Duchesne
**	Federal	11- 9H	U-50750	✓ 43-013-30887	NW NW	9	9S	17E	Duchesne
**	Federal	12- 9H	U-50750	✓ 43-013-30983	SW NW	9	9S	17E	Duchesne
**	Federal	13- 9H	U-50750	✓ 43-013-30656	NW SW	9	9S	17E	Duchesne
**	Federal	14- 9H	U-50750	✓ 43-013-31459	SW SW	9	9S	17E	Duchesne
	Federal	32-29	U-19267	✓ 43-047-31175	SWNE	29	9S	18E	WINSTAH

30699  
W/W

30698

W/W  
W/W

W/W

W/W  
W/W

W/W

ORL

POW

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

FEB 12 1996

IN REPLY REFER TO:  
3100  
U-01470A et al  
UT-923

FEB 09 1996

### NOTICE

Enserch Exploration, Inc. : Oil and Gas  
4849 Greenville Ave., Suite 1200 : U-01470A et al  
Dallas, Texas 75206-4186 :

### Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field offices, you will be contacted by them.

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral  
Leasing Adjudication

### Enclosure

1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,  
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204  
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217  
Moab District Office  
Vernal District Office  
Teresa Thompson (UT-920)  
Irene Anderson (UT-923)

## Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)  
West Willow Creek Unit (UTU-73218X)  
Pleasant Valley Unit (UTU-74477X)



# The State of Texas

## SECRETARY OF STATE CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of

DALEN CORPORATION  
a Delaware no permit corporation  
with  
ENSERCH EXPLORATION, INC.  
a Texas corporation

have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

Dated December 19, 1995.

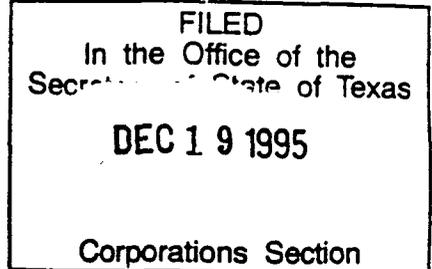
Effective December 31, 1995 04:55 PM



*Antonio O. Garza, Jr.*

Antonio O. Garza, Jr.  
Secretary of State

**ARTICLES OF MERGER OF**  
**DALEN Corporation**  
**INTO**  
**Enserch Exploration, Inc.**



Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.

2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

"WHEREAS Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and

"WHEREAS Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,

"RESOLVED, That DALEN Corporation, a Delaware corporation ("DALEN"), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the "Merger"), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

"FURTHER RESOLVED, That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J. W. Pinkerton  
 Name: J. W. Pinkerton  
 Title: Vice President and Controller,  
 Chief Accounting Officer



# The State of Texas

SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC.** (Charter No. 1323890-00), a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE (No Permit)** corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.



*IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.*

*Antonio O. Garza, Jr.*

Antonio O. Garza, Jr.  
Secretary of State

MAC

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

(MERGER)

Routing:

1- LAC / GAT
2- DTS / FILE
3- VLD / 8- FILE
4- RJE
5- LEC
6- SJ

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: 1-1-96)

TO (new operator) <u>ENSERCH EXPLORATION INC</u>	FROM (former operator) <u>DALEN RESOURCES OIL &amp; GAS</u>
(address) <u>4849 GREENVILLE AVE STE 1200</u>	(address) <u>6688 N CENTRAL EXP #1000</u>
<u>DALLAS TX 75206</u>	<u>DALLAS TX 75206-3922</u>
<u>CINDY KEISTER</u>	<u>CINDY KEISTER</u>
phone (214) <u>987-6353</u>	phone (214) <u>987-6353</u>
account no. <u>N4940 (1-29-96)</u>	account no. <u>N3300</u>

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

Name: <b>** SEE ATTACHED **</b>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-22-96)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-22-96)*
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: #171513. *(eff. 1-4-95)*
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.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
6. Cardex file has been updated for each well listed above. *(2-12-96)*
7. Well file labels have been updated for each well listed above. *(2-12-96)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-12-96)*
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**

- LC* 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~~)** *Trust lands / Bond & lease update in progress!*

- LC* 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.
- N/A* 3. The former operator has requested a release of liability from their bond (yes/no) 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. *OK 2/13/96*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving **State Leases**.

**FILMING**

- OK* 1. All attachments to this form have been microfilmed. Date: March 13 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**

*960212 BLM/SL Appr. & H. 12-31-95.*

**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:

JOHN W PEARCE  
 ENSERCH EXPLORATION INC  
 6688 N CENTRAL EXP #1000  
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N4940

REPORT PERIOD (MONTH/YEAR): 8 / 97

AMENDED REPORT  (Highlight Changes)

Well Name	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ FRED MORRIS FED 19-1						
4301330587 00451 09S 17E 19	GRRV			U-13905		
FEDERAL 14-4H						
4301330671 01215 09S 17E 4	GRRV			U-7978	Pleasant Valley Unit	
FEDERAL 34-5H						
4301330721 02041 09S 17E 5	GRRV			U-020252	"	
CASTLE PEAK FEDERAL 43-5						
4301330858 02043 09S 16E 5	GR-WS			U-034217-A	Wells Draw Unit	
FEDERAL 32-8H						
4301330542 06057 09S 17E 8	GRRV			U-10760	Pleasant Valley Unit	
NGC 41-8H						
4301330741 06085 09S 17E 8	GRRV			U-10760	"	
NGC 41-30						
4301330601 06095 09S 17E 30	GRRV			U-11385		
NGC 12-4G						
4301330699 06100 09S 16E 4	GRRV			U-30096	Wells Draw Unit	
NGC FED 21-5G						
4301330698 06105 09S 16E 5	GRRV			U-30096	"	
FEDERAL 23-5-G						
4301331207 06105 09S 16E 5	GRRV			U-30096	"	
FEDERAL 42-4						
4301330638 06115 09S 16E 4	GRRV			U-30096	"	
NGC 12-8H FEDERAL						
4301330680 06140 09S 17E 8	GRRV			U-10760	Pleasant Valley Unit	
✓ FED NGC 21-15						
4301330614 06145 09S 17E 15	GRRV			U-10760		
<b>TOTALS</b>						

COMMENTS: \* 971027 Partial Change.

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

Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

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. -

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)  
 Section 4, SE/4 NE/4 T9S-R16E

5. Lease Designation and Serial No.  
 U-30096

6. If Indian, Allottee or Tribe Name  
 NA

7. If Unit or CA, Agreement Designation  
 Wells Draw Unit

8. Well Name and No.  
 Federal 42-4G

9. API Well No.  
 43-013-30638

10. Field and Pool, or Exploratory Area  
 Wells Draw (GR)

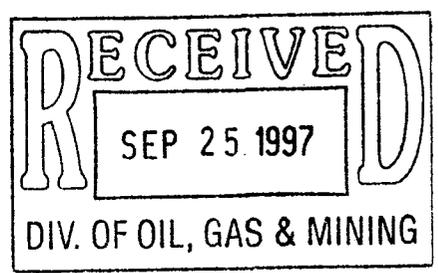
11. County or Parish, State  
 Duchesne County, Utah

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"/> Subsequent Report <input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Change of Operator</u> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well)</small>

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

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct  
 Signed [Signature] Title Attorney-In-Fact Date 08/14/1997

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

ENSERCH EXPLORATION INC.

3. Address and Telephone No.

4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893

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

Section 4, SE/4 NE/4 T9S-R16E

5. Lease Designation and Serial No.

U-30096

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Wells Draw Unit

8. Well Name and No.

Federal 42-4G

9. API Well No.

43-013-30638

10. Field and Pool, or Exploratory Area

Wells Draw (GR)

11. County or Parish, State

Duchesne County, Utah

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment

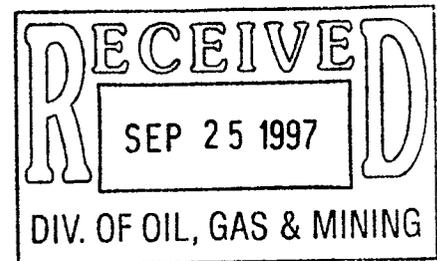
TYPE OF ACTION

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

(Note: Report results of multiple completion on Well)

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.)\*

Enserch Exploration Inc. has sold its interest in the WDU #42-4G Federal to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



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

Signed [Signature] Title Sr. Production Analyst Date 08/14/1997

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: UTAH DOGM

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



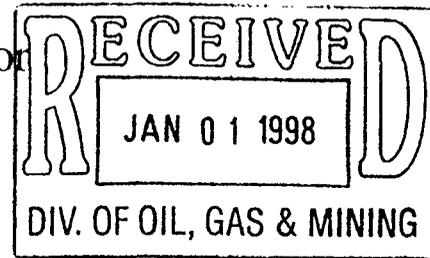
United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155



December 31, 1997

Inland Production Company  
c/o UnitSource Incorporated  
11184 Huron Street, Suite 16  
Denver, Colorado 80234

Re: Wells Draw (Green River) Unit  
Duchesne County, Utah

Gentlemen:

On December 30, 1997, we received an indenture dated September 1, 1997, whereby Enserch Exploration, Inc. resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Wells Draw (Green River) Unit, Duchesne County, Utah.

The indenture was approved by all required parties and the parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective December 31, 1997. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Wells Draw (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Wells Draw (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/ George Diwachak

for Robert A. Henricks  
Chief, Branch of Fluid Minerals

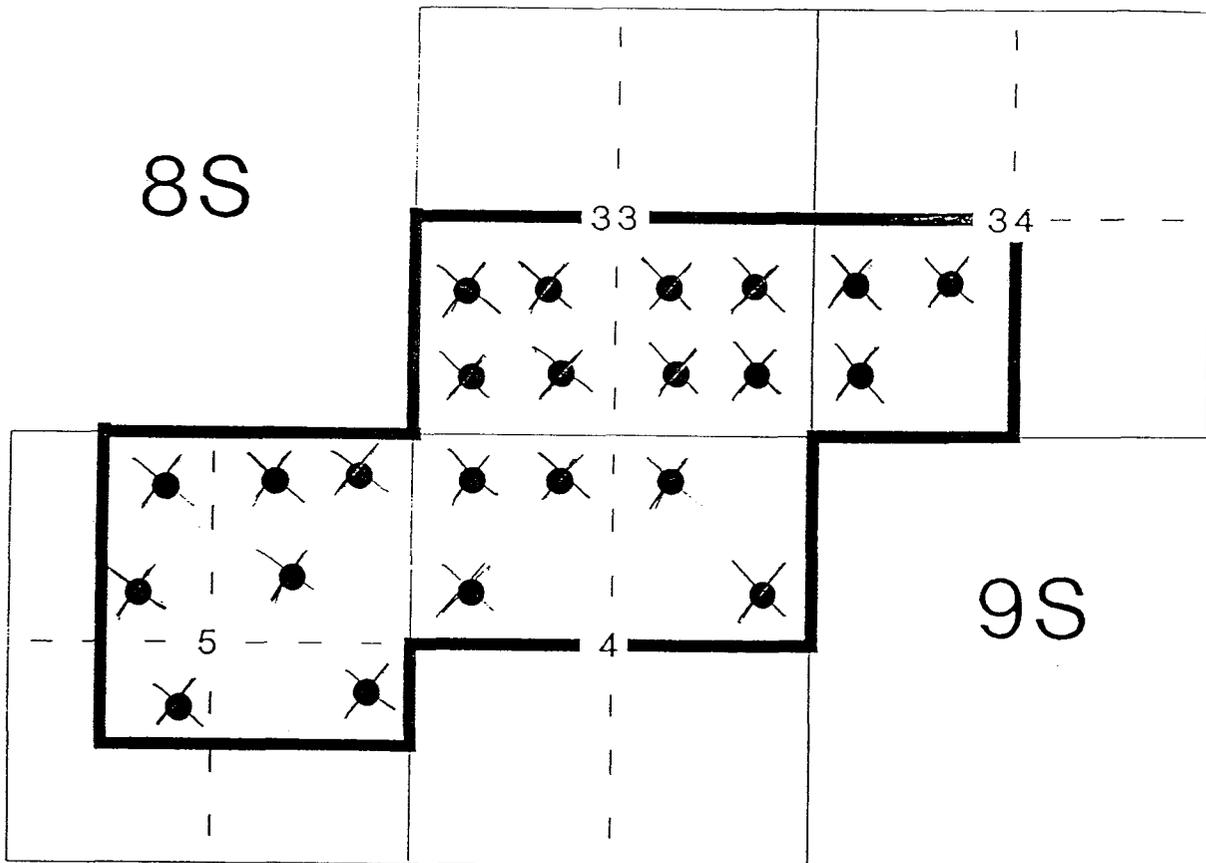
Enclosure

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

UT931:TAThompson:tt:12/31/97

# WELLS DRAW (GREEN RIVER) UNIT

Uintah County, Utah



— UNIT OUTLINE (UTU72613A)

SECONDARY  
ALLOCATION  
FEDERAL 100%

OPERATOR INLAND PRODUCTION CO

OPERATOR ACCT. NO. H 5160

ADDRESS \_\_\_\_\_

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		12276							DUCHESNE		8-16-97
WELL 1 COMMENTS: <b>*SEE ATTACHED LIST;OP CHG FR N4940 EFF 8-16-97 (WELLS DRAW (GRRV) UNIT) OPERATOR REQ CHG FOR TAX &amp; ROYALTY; &amp; DISPOSITION REPORTING.</b>											
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 1-2-98  
 Title Date  
 Phone No. ( )

INLAND PRODUCTION COMPANY  
(N5160)

CURRENT ENTITY	NEW ENTITY	API NUMBER	WELL NO.	SEC-T-R	EFF. DATE
02043	12276	43-013-30858	43-5	05-09S-16E	8-16-97
06100	"	43-013-30699	12-4G	04-09S-16E	"
06105	"	43-013-30698	21-5G	05-09S-16E	"
06105	"	43-013-31207	23-5-G	05-09S-16E	"
06115	"	43-013-30638	42-4	04-09S-16E	"
10913	"	43-013-31214	24-33-B	33-08S-16E	"
10979	"	43-013-31228	31-4-G	04-09S-16E	"
11041	"	43-013-31241	23-34-B	34-08S-16E	"
11046	"	43-013-31250	11-4-G	04-09S-16E	"
11047	"	43-013-31251	23-33-B	33-08S-16E	"
11054	"	43-013-31252	31-5-G	05-09S-16E	"
11084	"	43-013-31270	44-33-B	33-08S-16E	"
11086	"	43-013-31268	33-33-B	33-08S-16E	"
11092	"	43-013-31277	13-33-B	33-08S-16E	"
11103	"	43-013-31273	22-5-G	05-09S-16E	"
11104	"	43-013-31271	13-34-B	34-08S-16E	"
10988	"	43-013-31229	14-33-B	33-08S-16E	"
11007	"	43-013-31240	43-33-B	33-08S-16E	"
11079	"	43-013-31269	34-33-B	33-08S-16E	"
10980	"	43-013-31225	14-34-B	34-08S-16E	"
11107	"	43-013-31272	21-4-G	04-09S-16E	"
10859	"	43-013-31205	41-5-G	05-09S-16E	"
06110	"	43-013-30670	32-5G	05-09S-16E	"

**OPERATOR CHANGE WORKSHEET**

Routing	
1-LEC ✓	6-LEC ✓
2-CH ✓	7-KAS ✓
3-DPS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

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

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

The operator of the well(s) listed below has changed, **effective:** 8-16-97

<b>TO:</b> (new operator)	<u>INLAND PRODUCTION CO</u>	<b>FROM:</b> (old operator)	<u>ENSERCH EXPLORATION INC</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>4849 GREENVILLE AVE #1200</u>
	<u>ROOSEVELT UT 84066</u>		<u>DALLAS TX 75206-4145</u>
Phone:	<u>(801)722-5103</u>	Phone:	<u>(214)987-7859</u>
Account no.	<u>N5160</u>	Account no.	<u>N4940</u>

**\*WELLS DRAW (GREEN RIVER) UNIT**

**WELL(S)** attach additional page if needed:

Name: <b>**SEE ATTACHED**</b>	API: <u>A3-013 30038</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- Yec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 9-25-97)*
- Yec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 9-25-97)*
- 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: \_\_\_\_\_
- Yec 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.
- Yec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-2-98) X UIC DBase & Qua4ro Pro.*
- Yec 6. **Cardex** file has been updated for each well listed above. *(1-2-98)*
- Yec 7. Well **file labels** have been updated for each well listed above. *(1-2-98)*
- Yec 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. *(1-2-98)*
- 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. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- Yes 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- N/A 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- Yes 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**

- N/A 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.
- N/A 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**

- Yes 1. All attachments to this form have been **microfilmed**. Today's date: 1.20.98

**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**

980102 BLM/SL Aprv. Wells Draw (GRAV) Unit vff. 12-31-97.

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. <b>U-30096</b>
6. If Indian, Allottee or Tribe Name <b>NA</b>
7. If Unit or CA, Agreement Designation <b>WELLS DRAW</b>
8. Well Name and No. <b>FEDERAL 42-4</b>
9. API Well No. <b>43-013-30638</b>
10. Field and Pool, or Exploratory Area <b>MONUMENT BUTTE</b>
11. County or Parish, State <b>DUCHESNE COUNTY, UTAH</b>

**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)  
**2135 FNL 0515 FEL                      SE/NE Section 4, T09S R16E**

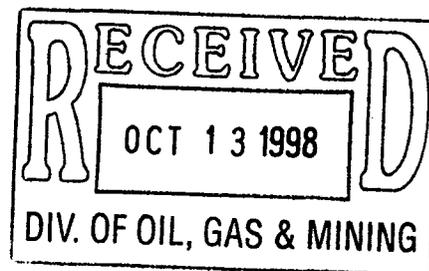
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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 10/8/98

(This space for Federal or State office use)

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

Conditions of approval, if any:

**CC: UTAH DOGM**

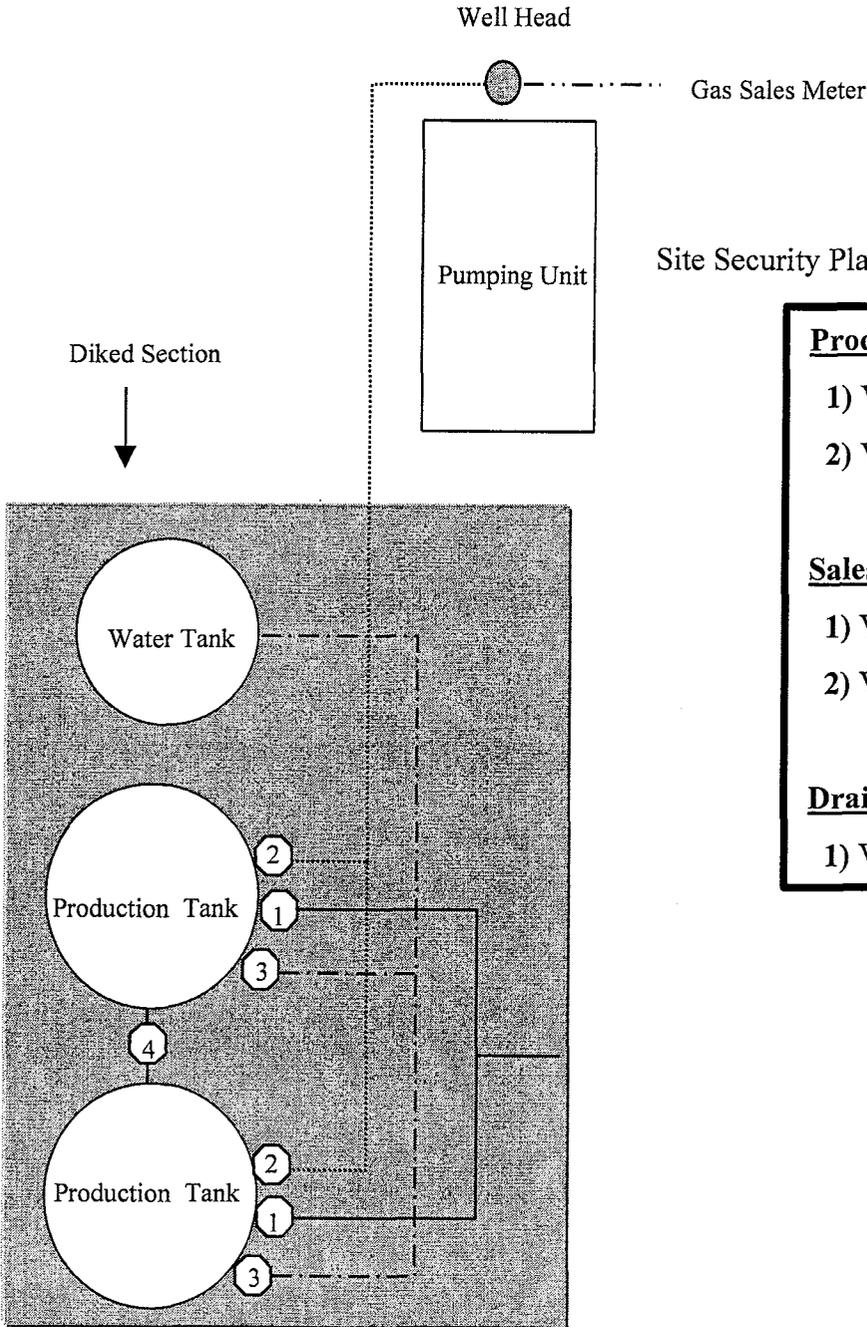
# Inland Production Company Site Facility Diagram

Wells Draw 42-4G

SE/NE Sec. 4, T9S, 16E

Duchesne County

May 12, 1998



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

**Production Phase:**

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

**Sales Phase:**

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

**Draining Phase:**

- 1) Valve 3 open

**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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

**RECEIVED**

**FEB 07 2003**

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

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

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

**2135 FNL 0515 FEL SE/NE Section 4, T9S R16E**

5. Lease Designation and Serial No.

**U-30096**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**WELLS DRAW**

8. Well Name and No.

**FEDERAL 42-4**

9. API Well No.

**43-013-30638**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTA**

12. CHECK APPROPRIATE BOX(es) 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

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.)\*

Subject well had recompletion procedures initiated in the Green River formation on 1/21/2003. Existing production equipment was pulled from well. A bit & scraper was ran in well, fill was tagged & left @ 6252'. Five new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: CP4 sds @ 5928'-5933' and BS @ 5998' 6008', 6018'-6022' & 6035'-6040' (all 4 jsfp) fraced down 2 7/8 N-80 tbg W/ 50,473# 20/40 mesh sand in 387 bbls YF 125 fluid. Stage #2: CP .5 sds @ 5691'-5702' and CP2 sds @ 5764'-5774' & 5816'-5818' fraced down 2 7/8 N-80 tbg W/ 59,956# 20/40 mesh sand in 453 bbls YF 125 fluid. Stage #3: A3 sds @ 5305'-5316' (4 JSPF) fraced down 2 7/8 N-80 tbg W/ 20,595# 20/40 mesh sand in 177 bbls YF 125 fluid. Stage #4: D3 sds @ 4916'-4922' & 4930'-4936' (4 JSPF) fraced down 2 7/8 N-80 tbg W/ 25,002# 20/40 mesh sand in 211 bbls YF 125 fluid (communicated W/ upper perfs @ end of flush--did complete job). Stage #5: GB4 sds @ 4324'-4332' & PB7 sds @ 4466'-4475' (4 JSPF) fraced down 5 1/2" 17# casing W/ 61,399# 20/40 mesh sand in 478 bbls YF 125 fluid. All fracs were flowed back through chokes. Frac tbg and tools were pulled from well. New intervals were swab tested for sand cleanup (along with existing intervals). A revised BHA & production tbg was ran in and anchored in well W/ tubing anchor @ 5971', pump seating nipple @ 6038' and end of tubing string @ 6102'. A repaired 1 1/2" bore rod pump was ran in well on sucker rods. Well was returned to production via rod pump on 1/30/2003.

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

Signed

*Gary Dietz*  
Gary Dietz

Title

Completion Foreman

Date

2/4/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

CC: Utah DOGM



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

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



## Office of the Secretary of State

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

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> 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		

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>	
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**

<b>FROM:</b> (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO:</b> ( New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
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**CA No.**

**Unit:**

**Wells Draw (Green River)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
WELLS DRAW FED 44-31	31	080S	160E	4301331116	12276	Federal	OW	P
STATE 32-32	32	080S	160E	4301330993	12276	State	WI	A
STATE 14-32	32	080S	160E	4301331039	12276	State	WI	I
STATE 24-32	32	080S	160E	4301331040	12276	State	OW	P
STATE 23-32	32	080S	160E	4301331041	12276	State	WI	A
STATE 13-32	32	080S	160E	4301331112	12276	State	OW	P
GAVILAN ST 22-32	32	080S	160E	4301331168	12276	State	OW	P
STATE 33-32	32	080S	160E	4301331185	12276	State	OW	P
FEDERAL 24-33-B	33	080S	160E	4301331214	12276	Federal	OW	P
FEDERAL 14-33-B	33	080S	160E	4301331229	12276	Federal	WI	A
FEDERAL 43-33-B	33	080S	160E	4301331240	12276	Federal	WI	A
FEDERAL 14-34-B	34	080S	160E	4301331225	12276	Federal	WI	A
FEDERAL 23-34-B	34	080S	160E	4301331241	12276	Federal	WI	A
FEDERAL 42-4	04	090S	160E	4301330638	12276	Federal	OW	P
NGC 12-4G	04	090S	160E	4301330699	12276	Federal	WI	A
FEDERAL 31-4-G	04	090S	160E	4301331228	12276	Federal	OW	P
NGC FED 32-5G	05	090S	160E	4301330670	12276	Federal	WI	A
NGC FED 21-5G	05	090S	160E	4301330698	12276	Federal	WI	A
CASTLE PEAK 43-5	05	090S	160E	4301330858	12276	Federal	WI	A
WELLS DRAW FED 11-5	05	090S	160E	4301331144	12276	Federal	OW	P
FEDERAL 41-5-G	05	090S	160E	4301331205	12276	Federal	WI	A
FEDERAL 23-5-G	05	090S	160E	4301331207	12276	Federal	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

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

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

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

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

**DATA ENTRY:**

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

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

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

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

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

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

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

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-30096
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 42-4
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013306380000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2135 FNL 0515 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 04 Township: 09.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> 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: 9/11/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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 09/09/2013. On 09/10/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/11/2013 the casing was pressured up to 1510 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 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:** October 24, 2013

**By:** 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/13/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 9/11/13 Time 9:00 am pm

Test Conducted by: Britt Jensen

Others Present: \_\_\_\_\_

Well: <u>Federal 42-40-9-16</u>	Field: <u>GMBU</u>
Well Location: <u>SE/NE Sec. 4, T9S, R16E</u>	API No: <u># 43-013-30638</u>

CONVERSION MIT

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1510</u>	psig
5	<u>1510</u>	psig
10	<u>1510</u>	psig
15	<u>1510</u>	psig
20	<u>1510</u>	psig
25	<u>1510</u>	psig
30 min	<u>1510</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 100 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Britt Jensen



## Daily Activity Report

Format For Sundry

FEDERAL 42-4-9-16

7/1/2013 To 11/30/2013

9/5/2013 Day: 1

Conversion

NC #3 on 9/5/2013 - RD pumping unit, work to pullv pump off seat. - 4:00PM-5:00PM Rig Move, 5:00PM MIRU NC#3, OWU, R/D Pmp Unit, R/U Preferred H/Oiler To Csg, Pmp 60BW @ 250\*, Was Not Circulating, Work To Pull Pmp Off Seat W/ No Luck, Worked The Polish Rod Out Of The Hole, L/D Polish Rod, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 4:00PM-5:00PM Rig Move, 5:00PM MIRU NC#3, OWU, R/D Pmp Unit, R/U Preferred H/Oiler To Csg, Pmp 60BW @ 250\*, Was Not Circulating, Work To Pull Pmp Off Seat W/ No Luck, Worked The Polish Rod Out Of The Hole, L/D Polish Rod, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 4:00PM-5:00PM Rig Move, 5:00PM MIRU NC#3, OWU, R/D Pmp Unit, R/U Preferred H/Oiler To Csg, Pmp 60BW @ 250\*, Was Not Circulating, Work To Pull Pmp Off Seat W/ No Luck, Worked The Polish Rod Out Of The Hole, L/D Polish Rod, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 4:00PM-5:00PM Rig Move, 5:00PM MIRU NC#3, OWU, R/D Pmp Unit, R/U Preferred H/Oiler To Csg, Pmp 60BW @ 250\*, Was Not Circulating, Work To Pull Pmp Off Seat W/ No Luck, Worked The Polish Rod Out Of The Hole, L/D Polish Rod, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 4:00PM-5:00PM Rig Move, 5:00PM MIRU NC#3, OWU, R/D Pmp Unit, R/U Preferred H/Oiler To Csg, Pmp 60BW @ 250\*, Was Not Circulating, Work To Pull Pmp Off Seat W/ No Luck, Worked The Polish Rod Out Of The Hole, L/D Polish Rod, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 4:00PM-5:00PM Rig Move, 5:00PM MIRU NC#3, OWU, R/D Pmp Unit, R/U Preferred H/Oiler To Csg, Pmp 60BW @ 250\*, Was Not Circulating, Work To Pull Pmp Off Seat W/ No Luck, Worked The Polish Rod Out Of The Hole, L/D Polish Rod, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl.

Daily Cost: \$0

Cumulative Cost: \$4,211

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9/6/2013 Day: 3

Conversion

NC #3 on 9/6/2013 - Cont. TOH w/ tbg & breaking collars. - 5:30AM-6:00AM C/Tvl. Cont. TOH w/ 30- jts tbg. RU hot oiler & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 9-jts tbg. LD 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. LD w/ 57- jts tbg on trailer. TIH w/ Guided collar, X/N, 4' tbg sub 2 3/8, Pkr, on/off, s/n, 139- jts tbg 2 3/8. Pump 5 bbl pad. Drop STD valve. Fill tbg w/ 20 bbls fresh water & pressure test to 3000 psi. Pressure dropped 90 psi in 1 hour. Pressure dropped 70 psi in 1 hour. Pumped up tbg to 3000 psi @ 4:30. Pressure dropped 30 psi in 1 hour. SDFD @ 6:30. c/ travel 6:30- 7:00 - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U Preferred H/Oiler & Pmp 90BW Down Csg @ 800psi W/ No Returns, R/D H/Oiler, Latch Onto Rods And Work To Free Rod String, Rod Pmp Stuck, Jar On Pmp For 3hrs To Free Up, Could Not Flush Pst Pmp, POOH W/ 60 Rods & Flush Tbg W/ 20BW @ 250\* W/ 800psi, Flush Two More Times Durring Trip W/ Same Psr, POOH & L/D Rod String As Followed, 1-1 1/4 Polish Rod, 1-2'&6' 7/8 Ponys, 84-7/8 8 Pers, 137-3/4 Slicks, 10-3/4 4 Pers, 8-1 1/2 Wt Bars, & 1 Rod Pmp, R/D Rod Eqp, N/D W/H-D, P/U 6'-2 3/8 Tbg Pup, X/O BOPs, To 2 3/8 Pipe Rams, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, X/O All Tbg Eqp To 2 3/8, T/A Was Not Set, L/D 6' Tbg Pup, TOOH W/ Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, TOOH W/ 60- jts. SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U Preferred H/Oiler & Pmp 90BW Down Csg @ 800psi W/ No Returns, R/D H/Oiler, Latch Onto Rods And Work To Free Rod String, Rod Pmp Stuck, Jar On Pmp For 3hrs To Free Up, Could Not Flush Pst Pmp, POOH W/ 60 Rods & Flush Tbg W/ 20BW @ 250\* W/ 800psi, Flush Two More Times Durring Trip W/ Same Psr, POOH & L/D Rod String As Followed, 1-1 1/4 Polish Rod, 1-2'&6' 7/8 Ponys, 84-7/8 8 Pers, 137-3/4 Slicks, 10-3/4 4 Pers, 8-1 1/2 Wt Bars, & 1 Rod Pmp, R/D Rod Eqp, N/D W/H-

D, P/U 6'-2 3/8 Tbg Pup, X/O BOPs, To 2 3/8 Pipe Rams, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, X/O All Tbg Eqp To 2 3/8, T/A Was Not Set, L/D 6' Tbg Pup, TOOH W/ Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, TOOH W/ 60- jts. SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl - 5:30AM-6:00AM C/Tvl. Cont. TOH w/ 30- jts tbg. RU hot oiler & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 9-jts tbg. LD 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. LD w/ 57- jts tbg on trailer. TIH w/ Guided collar, X/N, 4' tbg sub 2 3/8, Pkr, on/off, s/n, 139- jts tbg 2 3/8. Pump 5 bbl pad. Drop STD valve. Fill tbg w/ 20 bbls fresh water & pressure test to 3000 psi. Pressure dropped 90 psi in 1 hour. Pressure dropped 70 psi in 1 hour. Pumped up tbg to 3000 psi @ 4:30. Pressure dropped 30 psi in 1 hour. SDFD @ 6:30. c/ travel 6:30- 7:00 - 5:30AM-6:00AM C/Tvl. Cont. TOH w/ 30- jts tbg. RU hot oiler & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 9-jts tbg. LD 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. LD w/ 57- jts tbg on trailer. TIH w/ Guided collar, X/N, 4' tbg sub 2 3/8, Pkr, on/off, s/n, 139- jts tbg 2 3/8. Pump 5 bbl pad. Drop STD valve. Fill tbg w/ 20 bbls fresh water & pressure test to 3000 psi. Pressure dropped 90 psi in 1 hour. Pressure dropped 70 psi in 1 hour. Pumped up tbg to 3000 psi @ 4:30. Pressure dropped 30 psi in 1 hour. SDFD @ 6:30. c/ travel 6:30- 7:00 - 5:30AM-6:00AM C/Tvl. Cont. TOH w/ 30- jts tbg. RU hot oiler & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 9-jts tbg. LD 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. LD w/ 57- jts tbg on trailer. TIH w/ Guided collar, X/N, 4' tbg sub 2 3/8, Pkr, on/off, s/n, 139- jts tbg 2 3/8. Pump 5 bbl pad. Drop STD valve. Fill tbg w/ 20 bbls fresh water & pressure test to 3000 psi. Pressure dropped 90 psi in 1 hour. Pressure dropped 70 psi in 1 hour. Pumped up tbg to 3000 psi @ 4:30. Pressure dropped 30 psi in 1 hour. SDFD @ 6:30. c/ travel 6:30- 7:00 - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U Preferred H/Oiler & Pmp 90BW Down Csg @ 800psi W/ No Returns, R/D H/Oiler, Latch Onto Rods And Work To Free Rod String, Rod Pmp Stuck, Jar On Pmp For 3hrs To Free Up, Could Not Flush Pst Pmp, POOH W/ 60 Rods & Flush Tbg W/ 20BW @ 250\* W/ 800psi, Flush Two More Times Durring Trip W/ Same Psr, POOH & L/D Rod String As Followed, 1-1 1/4 Polish Rod, 1-2'&6' 7/8 Ponys, 84-7/8 8 Pers, 137-3/4 Slicks, 10-3/4 4 Pers, 8-1 1/2 Wt Bars, & 1 Rod Pmp, R/D Rod Eqp, N/D W/H-D, P/U 6'-2 3/8 Tbg Pup, X/O BOPs, To 2 3/8 Pipe Rams, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, X/O All Tbg Eqp To 2 3/8, T/A Was Not Set, L/D 6' Tbg Pup, TOOH W/ Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, TOOH W/ 60- jts. SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U Preferred H/Oiler & Pmp 90BW Down Csg @ 800psi W/ No Returns, R/D H/Oiler, Latch Onto Rods And Work To Free Rod String, Rod Pmp Stuck, Jar On Pmp For 3hrs To Free Up, Could Not Flush Pst Pmp, POOH W/ 60 Rods & Flush Tbg W/ 20BW @ 250\* W/ 800psi, Flush Two More Times Durring Trip W/ Same Psr, POOH & L/D Rod String As Followed, 1-1 1/4 Polish Rod, 1-2'&6' 7/8 Ponys, 84-7/8 8 Pers, 137-3/4 Slicks, 10-3/4 4 Pers, 8-1 1/2 Wt Bars, & 1 Rod Pmp, R/D Rod Eqp, N/D W/H-D, P/U 6'-2 3/8 Tbg Pup, X/O BOPs, To 2 3/8 Pipe Rams, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, X/O All Tbg Eqp To 2 3/8, T/A Was Not Set, L/D 6' Tbg Pup, TOOH W/ Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, TOOH W/ 60- jts. SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl - 5:30AM-6:00AM C/Tvl. Cont. TOH w/ 30- jts tbg. RU hot oiler & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 9-jts tbg. LD 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. LD w/ 57- jts tbg on trailer. TIH w/ Guided collar, X/N, 4' tbg sub 2 3/8, Pkr, on/off, s/n, 139- jts tbg 2 3/8. Pump 5 bbl pad. Drop STD valve. Fill tbg w/ 20 bbls fresh water & pressure test to 3000 psi. Pressure dropped 90 psi in 1 hour. Pressure dropped 70 psi in 1 hour. Pumped up tbg to 3000 psi @ 4:30. Pressure dropped 30 psi in 1 hour. SDFD @ 6:30. c/ travel 6:30- 7:00 - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U Preferred H/Oiler & Pmp 90BW Down Csg @ 800psi W/ No Returns, R/D H/Oiler, Latch Onto Rods And Work To Free Rod String, Rod Pmp

Stuck, Jar On Pmp For 3hrs To Free Up, Could Not Flush Pst Pmp, POOH W/ 60 Rods & Flush Tbg W/ 20BW @ 250\* W/ 800psi, Flush Two More Times Durring Trip W/ Same Psr, POOH & L/D Rod String As Followed, 1-1 1/4 Polish Rod, 1-2'&6' 7/8 Ponys, 84-7/8 8 Pers, 137-3/4 Slicks, 10-3/4 4 Pers, 8-1 1/2 Wt Bars, & 1 Rod Pmp, R/D Rod Eqp, N/D W/H-D, P/U 6'-2 3/8 Tbg Pup, X/O BOPs, To 2 3/8 Pipe Rams, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, X/O All Tbg Eqp To 2 3/8, T/A Was Not Set, L/D 6' Tbg Pup, TOO H W/ Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, TOO H W/ 60- jts. SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U Preferred H/Oiler & Pmp 90BW Down Csg @ 800psi W/ No Returns, R/D H/Oiler, Latch Onto Rods And Work To Free Rod String, Rod Pmp Stuck, Jar On Pmp For 3hrs To Free Up, Could Not Flush Pst Pmp, POOH W/ 60 Rods & Flush Tbg W/ 20BW @ 250\* W/ 800psi, Flush Two More Times Durring Trip W/ Same Psr, POOH & L/D Rod String As Followed, 1-1 1/4 Polish Rod, 1-2'&6' 7/8 Ponys, 84-7/8 8 Pers, 137-3/4 Slicks, 10-3/4 4 Pers, 8-1 1/2 Wt Bars, & 1 Rod Pmp, R/D Rod Eqp, N/D W/H-D, P/U 6'-2 3/8 Tbg Pup, X/O BOPs, To 2 3/8 Pipe Rams, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, X/O All Tbg Eqp To 2 3/8, T/A Was Not Set, L/D 6' Tbg Pup, TOO H W/ Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, TOO H W/ 60- jts. SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl

**Daily Cost:** \$0

**Cumulative Cost:** \$43,260

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**9/9/2013 Day: 4**

**Conversion**

NC #3 on 9/9/2013 - PU & RIH w/ sandline to retrieve STD valve. - 5:30AM-6:00AM C/Tvl. Pressure held @ 3000 psi for 1 hour. PU & RIH w/ sandline and over shot to retrieve STD valve. RD rig floor. ND BOP's. NU wellhead. Wait on fresh water. Pump 70 bbls fresh water mixed w/ pkr fluid. Set Pkr CE @ 4274' w/ 15000 tension. Fill csg w/ bbls fresh water. Pressure csg to 1500 psi. Good test. RDMO @ 1:30. READY FOR MIT. - 5:30AM-6:00AM C/Tvl. Pressure held @ 3000 psi for 1 hour. PU & RIH w/ sandline and over shot to retrieve STD valve. RD rig floor. ND BOP's. NU wellhead. Wait on fresh water. Pump 70 bbls fresh water mixed w/ pkr fluid. Set Pkr CE @ 4274' w/ 15000 tension. Fill csg w/ bbls fresh water. Pressure csg to 1500 psi. Good test. RDMO @ 1:30. READY FOR MIT. - 5:30AM-6:00AM C/Tvl. Pressure held @ 3000 psi for 1 hour. PU & RIH w/ sandline and over shot to retrieve STD valve. RD rig floor. ND BOP's. NU wellhead. Wait on fresh water. Pump 70 bbls fresh water mixed w/ pkr fluid. Set Pkr CE @ 4274' w/ 15000 tension. Fill csg w/ bbls fresh water. Pressure csg to 1500 psi. Good test. RDMO @ 1:30. READY FOR MIT. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$47,921

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**9/12/2013 Day: 5**

**Conversion**

Rigless on 9/12/2013 - Conduct initial MIT - On 09/10/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/11/2013 the casing was pressured up to 1510 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 09/10/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/11/2013 the casing was pressured up to 1510 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 09/10/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/11/2013 the casing was pressured up to 1510 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$66,155

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**Pertinent Files: Go to File List**

Spud Date: 3/20/82  
 Put on Production: 6/22/82  
 GL: 5627' KB: 5641'

# Federal 42-4-9-16

Initial Production: 121 BOPD, 430 MCFD  
 10 BWPD

**SURFACE CASING**

CSG SIZE: 9-5/8"  
 GRADE: K-55  
 WEIGHT: 36#  
 LENGTH: 8 JTS  
 DEPTH LANDED: 307'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 165 skx Class "G" cmt

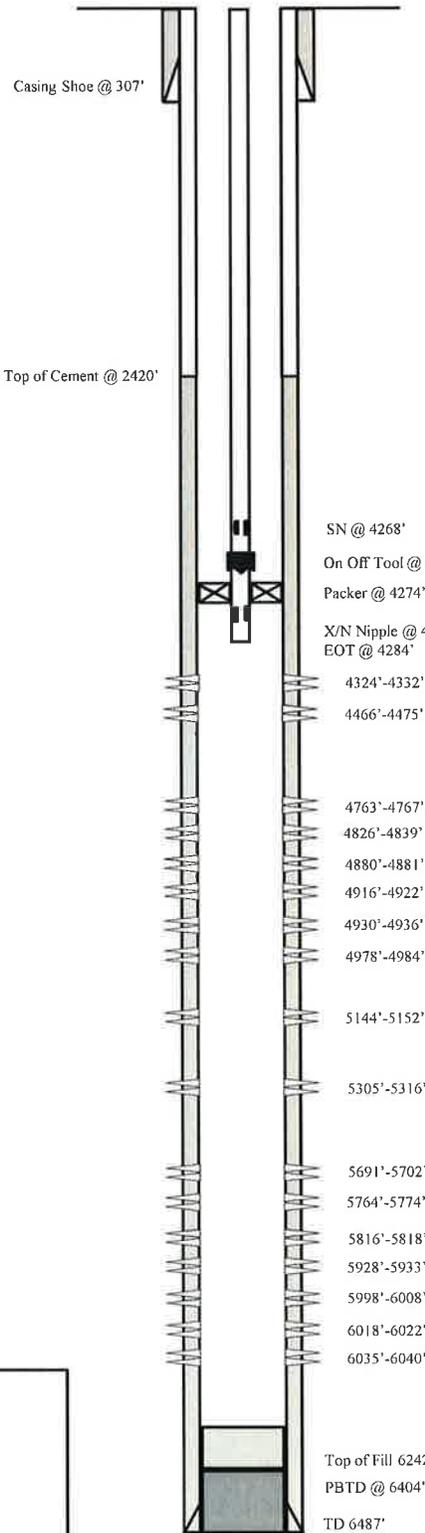
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: N-80  
 WEIGHT: 17#  
 LENGTH: 165 jts  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 720 sk Ideal "G"  
 CEMENT TOP AT: 2420'  
 DEPTH LANDED: 6483'

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 139 jts (4254.4')  
 SEATING NIPPLE: 2-7/8" (1 10")  
 SN LANDED AT: 4268.4' KB  
 ON/OFF TOOL AT: 4269.5'  
 ARROW #1 PACKER CE AT: 4274.34'  
 TBG PUP 2-3/8 J-55 AT: 4278'  
 X/N NIPPLE AT: 4282'  
 TOTAL STRING LENGTH: EOT @ 4283.61'

**Injection Wellbore Diagram**



**FRAC JOB**

5/12/82	5144'-5152'	27,100 lbs sand in 365 bbl frac fluid Screened out.
5/20/82	4978'-4984'	69,000 lbs sand in 657 bbl frac fluid. Avg treating press. 1750 psi @ 25 bpm ISIP 2100 psi. Calc. flush: 4978 gal. Actual flush: 2020 gal.
5/27/82	4763'-4881'	165,000 lbs sand in 1542 bbl frac fluid. Avg treating press. 2100 psi @ 31 bpm. ISIP 2130 psi. Calc. flush: 4763 gal. Actual flush: 4800 gal.
01/24/03	5928'-6040'	<b>Frac CP4/BS sands as follows:</b> 50,473# 20/40 sand in 387 bbls YF 125 fluid. Treated @ avg press. of 3962 psi w/avg rate of 17.1 BPM. ISIP-2038 psi. Calc. Flush: 1538 gal. Actual flush: 1432 gal.
01/24/03	5691'-5818'	<b>Frac CP.5 &amp; CP2 sands as follows:</b> 59,956# 20/40 sand in 453 bbls YF 125 fluid. Treated @ avg press of 3637 psi w/avg rate of 17.1 BPM. ISIP-1975 psi. Calc. Flush: 1484 gal. Actual flush: 1354 gal.
01/25/03	5305'-5316'	<b>Frac A3 sands as follows:</b> 20,595# 20/40 sand in 177 bbls YF 125 fluid. Treated @ avg press of 3860 psi w/avg rate of 16.5 BPM. ISIP-1945 psi. Calc. Flush: 1390 gal. Actual flush: 1278 gal.
01/25/03	4916'-4936'	<b>Frac D3 sands as follows:</b> 25,002# 20/40 sand in 211 bbls YF 125 fluid. Treated @ avg press of 4063 psi w/avg rate of 16.8 BPM. ISIP-2830 psi. Calc. Flush: 1239 gal. Actual flush: 1153 gal.
01/25/03	4324'-4475'	<b>Frac GB4 &amp; PB7 sands as follows:</b> 61,399# 20/40 sand in 478 bbls YF 125 fluid. Treated @ avg press of 2493 psi w/avg rate of 18.7 BPM. ISIP-2828 psi. Calc. Flush: 4324 gal. Actual flush: 4093 gal.
09/09/13		<b>Convert to Injection Well</b>
09/11/13		<b>Conversion MIT Finalized</b> - update tbg detail

**PERFORATION RECORD**

5/16/82	5144'-5152'	3 JSPP	24 holes
6/18/82	4978'-4984'	3 JSPP	18 holes
5/26/82	4763', 4766', 4767', 4826', 4829', 4830', 4831', 4832', 4834', 4838', 4839', 4880', 4881'	1 SPF	13 holes
01/23/03	4324'-4332'	4 JSPP	32 holes
01/23/03	4466'-4475'	4 JSPP	36 holes
01/23/03	4916'-4922'	4 JSPP	24 holes
01/23/03	4930'-4936'	4 JSPP	24 holes
01/23/03	5305'-5316'	4 JSPP	44 holes
01/23/03	5691'-5702'	4 JSPP	44 holes
01/23/03	5764'-5774'	4 JSPP	40 holes
01/23/03	5816'-5818'	4 JSPP	8 holes
01/23/03	5928'-5933'	4 JSPP	20 holes
01/23/03	5998'-6008'	4 JSPP	40 holes
01/23/03	6018'-6022'	4 JSPP	16 holes
01/23/03	6035'-6040'	4 JSPP	20 holes

**NEWFIELD**

**Federal 42-4-9-16**  
 2135' FNL 515' FEL  
 SENE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-30638; Lease #UTU-30096

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-30096
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> FEDERAL 42-4
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013306380000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2135 FNL 0515 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 04 Township: 09.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> 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: 11/5/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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 9:40 AM on  
11/05/2013.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
November 06, 2013**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/5/2013	



March 11, 2011

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 #42-4-9-16  
Monument Butte Field, Lease #UTU-30096  
Section 4-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Federal #42-4-9-16 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 flourish extending to the right.

Eric Sundberg  
Regulatory Lead

RECEIVED  
MAR 21 2011  
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**FEDERAL #42-4-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-30096**  
**MARCH 11, 2011**

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COMPLETED RULE R615-5-2 QUESTIONNAIRE	
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ATTACHMENT A-1	WELL LOCATION PLAT
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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL



# Federal #42-4-9-16

Spud Date: 3/20/82  
 Put on Production: 6/22/82  
 GL: 5627' KB: 5641'

Initial Production: 121 BOPD, 430 MCFD  
 10 BWPD

## SURFACE CASING

CSG SIZE: 9-5/8"  
 GRADE: K-55  
 WEIGHT: 36#  
 LENGTH: 8 JTS  
 DEPTH LANDED: 307'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 165 skx Class "G" cmt

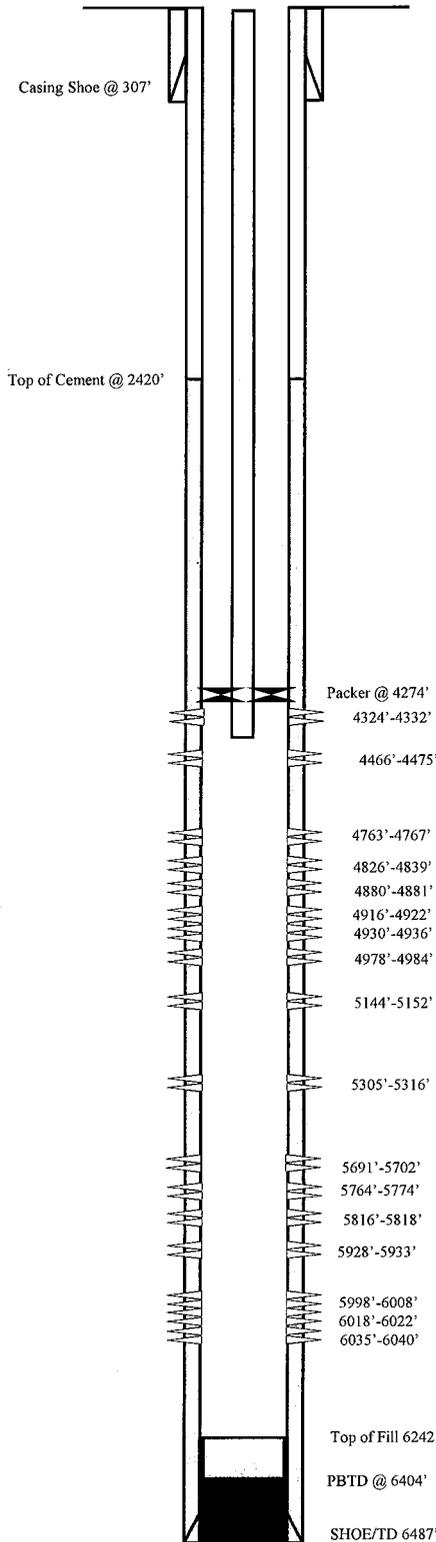
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: N-80  
 WEIGHT: 17#  
 LENGTH: 165 jts  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 720 sx Ideal "G"  
 CEMENT TOP AT: 2420'  
 SET AT: 6483' **6487'**

## TUBING

SIZE/GRADE/WT: 2-3/8", J-55, 4.7#  
 NO. OF JOINTS: 193 jts (5956.99")  
 TUBING ANCHOR: 5970.99' KB  
 NO. OF JOINTS: 2 jts (64.15")  
 SEATING NIPPLE: 2-3/8"  
 SN LANDED AT: 6037.89' KB  
 NO. OF JOINTS: 2 jt (62.18")  
 TOTAL STRING LENGTH: EOT @ 6101.55' W/14' KB

## Proposed Injection Wellbore Diagram



## FRAC JOB

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01/23/03	5816'-5818'	4 JSPF	8 holes
01/23/03	5928'-5933'	4 JSPF	20 holes
01/23/03	5998'-6008'	4 JSPF	40 holes
01/23/03	6018'-6022'	4 JSPF	16 holes
01/23/03	6035'-6040'	4 JSPF	20 holes



**Federal #42-4-9-16**  
 2135' FNL 515' FEL  
 SENE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-30638; Lease #UTU-30096

## 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.**

Newfield Production Company  
1001 17<sup>th</sup> 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 #42-4-9-16 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 #42-4-9-16 well, the proposed injection zone is from Garden Gulch to Wasatch (4117' - 6227'). 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 3789' and the TD is at 6487'.

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

The referenced log for the Federal #42-4-9-16 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 Federal lease (Lease #UTU-30096) in the Monument Butte Federal (Green River) Field, 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 9-5/8", 36# surface casing run to 307' KB, and 5-1/2", 17# casing run from surface to 6483' 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 1911 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 #42-4-9-16, for existing perforations (4324' - 6040') calculates at 0.80 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 1911 psig. We may add additional perforations between 3789' and 6227'. 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 #42-4-9-16, the proposed injection zone (4117' - 6227') is in the Garden Gulch to the Wasatch 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.

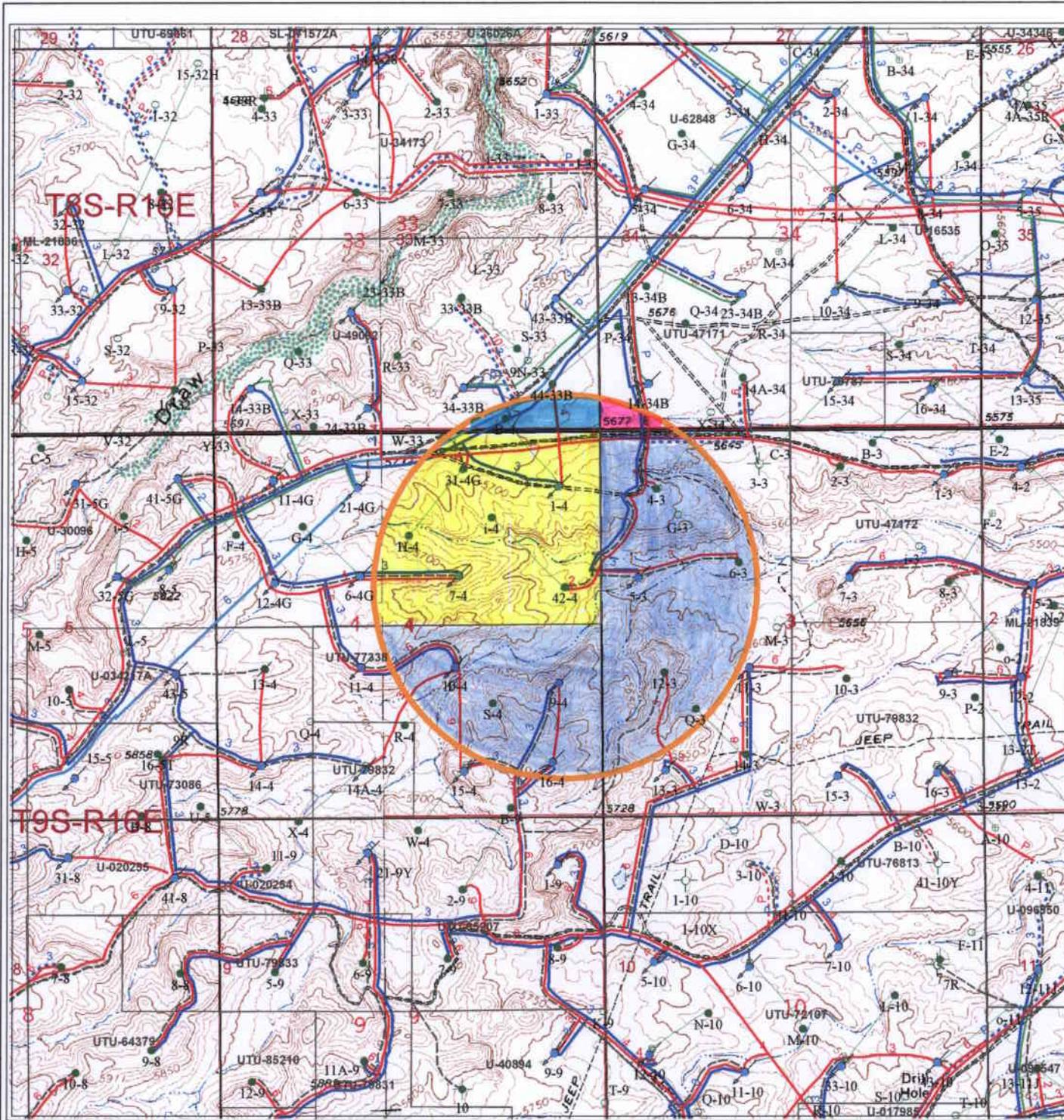
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

**Leases**

- Leases
- Mining tracts

**Gas Pipelines**

- Gathering lines
- ⋯ Proposed lines

UTU-30096

UTU-49092

UTU-77338

UTU-47171

Federal 42-4  
Section 4, T9S-R16E

**NEWFIELD**  
ROCKY MOUNTAINS 1" = 2000'

1/2 Mile Radius Map  
Duchesne & Uintah Counties

1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

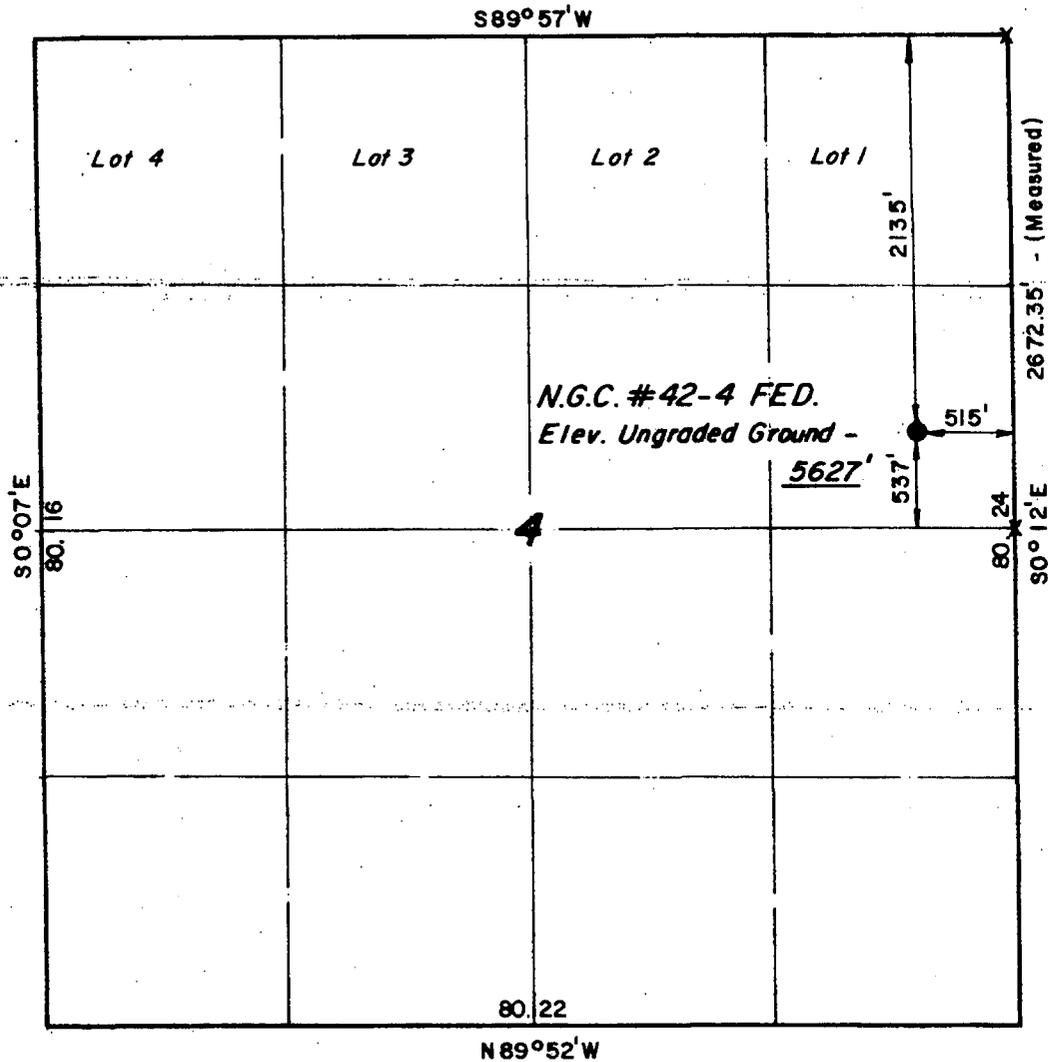
January 17, 2011

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

PROJECT  
NATURAL GAS CORP. OF CALIFORNIA

Well location, N.G.C. #42-4 FED,  
located as shown in the SE 1/4 NE 1/4  
Section 4, T9S, R16E, 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 E. Kay*

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	1/13/82
PARTY	RK BK RP	REFERENCES	GLO Plat
WEATHER	Clear / Cold	FILE	NATURAL GAS

X = Section Corners Located

**EXHIBIT B**

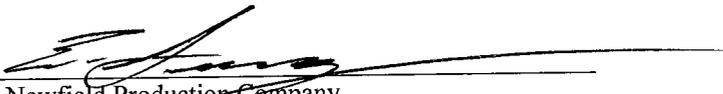
<b>#</b>	<b>Legal Description</b>	<b>Lessor &amp; Expiration</b>	<b>Lessee &amp; Operating Rights</b>	<b>Surface Owner</b>
1	<u>T9S,R16E SLM</u> Section 4: Lots 1-4 (N2N2), S2N2 Section 5: Lots 1-3 (N2NE, NENW), S2NE, SE, SENW, NESW	USA UTU-30096 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>T8S,R16E SLM</u> Section 33: S2	USA UTU-49092 HBP	Newfield Production Company Newfield RMI LLC	USA
3	<u>T9S,R16E SLM</u> Section 3: Lots 3-4 (N2NW), S2NW, SW Section 4: SE, NESW	USA UTU-77338 HBP	Newfield Production Company Newfield RMI LLC	USA
4	<u>T8S,R16E SLM</u> Section 34: SW	USA UTU-47171 HBP	Newfield Production Company Newfield RMI LLC Chorney Oil Co. Loex Properties 1984	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Federal #42-4-9-16

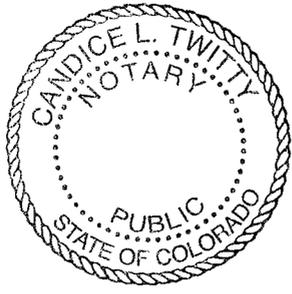
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 14<sup>th</sup> day of March, 2011.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires 02/10/2013  
My Commission Expires: \_\_\_\_\_



Attachment E

# Federal #42-4-9-16

Spud Date: 3/20/82  
 Put on Production: 6/22/82  
 GL: 5627' KB: 5641'

Initial Production: 121 BOPD, 430 MCFD  
 10 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 9-5/8"  
 GRADE: K-55  
 WEIGHT: 36#  
 LENGTH: 8 JTS  
 DEPTH LANDED: 307'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 165 skx Class "G" cmt

**PRODUCTION CASING**

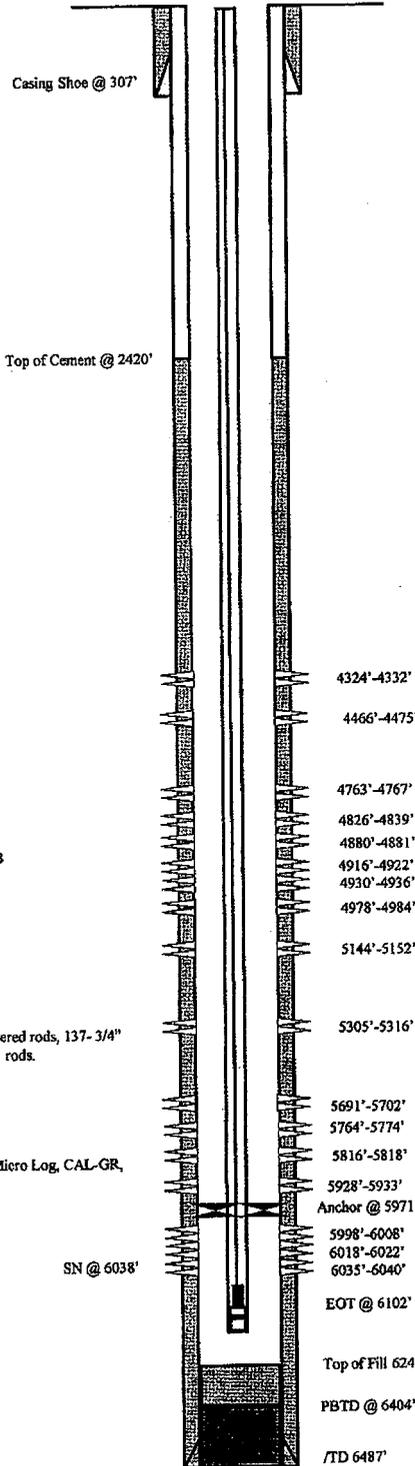
CSG SIZE: 5-1/2"  
 GRADE: N-80  
 WEIGHT: 17#  
 LENGTH: 165 jts  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 720 skx Ideal "G"  
 CEMENT TOP AT: 2420'  
 DEPTH LANDED: 6483' **6487**

**TUBING**

SIZE/GRADE/WT: 2-3/8", J-55, 4.7#  
 NO. OF JOINTS: 193 jts (5956.99')  
 TUBING ANCHOR: 5970.99' KB  
 NO. OF JOINTS: 2 jts (64.15')  
 SEATING NIPPLE: 2-3/8"  
 SN LANDED AT: 6037.89' KB  
 NO. OF JOINTS: 2 jt (62.18')  
 TOTAL STRING LENGTH: EOT @ 6101.55' W/14' KB

**SUCKER RODS**

POLISHED ROD: 1 1/4" x 26'  
 SUCKER RODS: 8- 1 1/2" weighted rods, 10- 3/4" scraped rods, 137- 3/4" plain rods, 84 -7/8" scraped rods, 1-2', 1-6' x 3/4" pony rods.  
 PUMP SIZE: 2"x 1-1/2"x16"  
 STROKE LENGTH: 55"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIL-GR-SP, FDC-CNL-CAL-CGR-SGR, Prox-Micro Log, CAL-GR, BHC Sonic Cal "F" Log, Litho Density-GR



**FRAC JOB**

5/12/82	5144'-5152'	27,100 lbs. sand in 365 bbl frac fluid Screened out.
5/20/82	4978'-4984'	69,000 lbs. sand in 657 bbl. frac fluid. Avg treating press. 1750 psi @ 25 bpm. ISIP 2100 psi. Calc. flush: 4978 gal. Actual flush: 2020 gal.
5/27/82	4763'-4881'	165,000 lbs. sand in 1542 bbl. frac fluid. Avg treating press. 2100 psi @ 31 bpm. ISIP 2130 psi. Calc. flush: 4763 gal. Actual flush: 4800 gal.
01/24/03	5928'-6040'	Frac CP4/BS sands as follows: 50,473# 20/40 sand in 387 bbls YF 125 fluid. Treated @ avg. press. of 3962 psi w/avg rate of 17.1 BPM. ISIP-2038 psi. Calc. Flush:1538 gal. Actual flush: 1432 gal.
01/24/03	5691'-5818'	Frac CP.5 & CP2 sands as follows: 59,956# 20/40 sand in 453 bbls YF 125 fluid. Treated @ avg press of 3637 psi w/avg rate of 17.1 BPM. ISIP-1975 psi. Calc. Flush:1484 gal. Actual flush: 1354 gal.
01/25/03	5305'-5316'	Frac A3 sands as follows: 20,595# 20/40 sand in 177 bbls YF 125 fluid. Treated @ avg press of 3860 psi w/avg rate of 16.5 BPM. ISIP-1945 psi. Calc. Flush:1390 gal. Actual flush: 1278 gal.
01/25/03	4916'-4936'	Frac D3 sands as follows: 25,002# 20/40 sand in 211 bbls YF 125 fluid. Treated @ avg press of 4063 psi w/avg rate of 16.8 BPM. ISIP-2830 psi. Calc. Flush:1239 gal. Actual flush: 1153 gal.
01/25/03	4324'-4475'	Frac GB4 & PB7 sands as follows: 61,399# 20/40 sand in 478 bbls YF 125 fluid. Treated @ avg press of 2493 psi w/avg rate of 18.7 BPM. ISIP-2828 psi. Calc. Flush:4324 gal. Actual flush: 4093 gal.

**PERFORATION RECORD**

5/16/82	5144'-5152'	3 JSPP	24 holes
6/18/82	4978'-4984'	3 JSPP	18 holes
5/26/82	4763', 4766', 4767', 4826', 4829', 4830', 4831', 4832', 4834', 4838', 4839', 4880', 4881'	1 JSPP	13 holes
01/23/03	4324'-4332'	4 JSPP	32 holes
01/23/03	4466'-4475'	4 JSPP	36 holes
01/23/03	4916'-4922'	4 JSPP	24 holes
01/23/03	4930'-4936'	4 JSPP	24 holes
01/23/03	5305'-5316'	4 JSPP	44 holes
01/23/03	5691'-5702'	4 JSPP	44 holes
01/23/03	5764'-5774'	4 JSPP	40 holes
01/23/03	5816'-5818'	4 JSPP	8 holes
01/23/03	5928'-5933'	4 JSPP	20 holes
01/23/03	5998'-6008'	4 JSPP	40 holes
01/23/03	6018'-6022'	4 JSPP	16 holes
01/23/03	6035'-6040'	4 JSPP	20 holes



Federal #42-4-9-16  
 2135' FNL 515' FEL  
 SENE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-30638; Lease #UTU-30096

# Federal 31-4G-9-16

Spud Date: 4-27-89  
 Put on Production: 6-7-89  
 GI: 5713' KB: 5729'

Initial Production: 102 BOPD.  
 0 MCFD, 15 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 9-5/8"  
 GRADE: K-55  
 WEIGHT: 36#  
 LENGTH: 8 JTS  
 DEPTH LANDED: 300'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 165 sks Class "G" cmt. est 8 bbls to surface

### PRODUCTION CASING

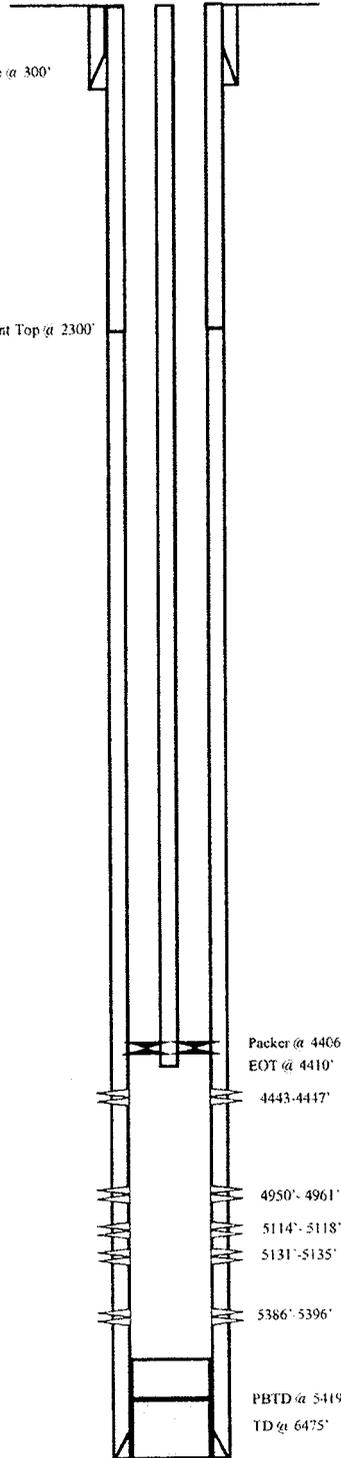
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 17#  
 LENGTH: 132 jts  
 SET AT: 5603'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 260 sks Hi-Lift & 580 sks Class "G"  
 CEMENT TOP AT: 2300'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 138 jts (4385.7')  
 SEATING NIPPLE: 2-7/8"  
 SN LANDED AT: 4401 7' KB  
 CE @ 4406.02'  
 TOTAL STRING LENGTH: EOT @ 4410' KB

Casing Shoe @ 300'

Cement Top @ 2300'



### FRAC JOB

5-18-89 5386'-5396' 38,500# 20/40 sand, 41,050# 016 30 sand, and 810 bbls. Avg TP 1700 psi w/avg rate of 35 BPM. ISIP-1800 psi  
 5-23-89 4950'-4961' 49,000# 20/40 sand, 50,800# 16/30 sand, and 1002 bbls. Avg TP 2000 psi w/avg rate of 43 BPM. ISIP 1900 psi  
 3-05-98 5114'-5135' 118,300# 20/40 sd in 482 bbls Delta Frac Treated @ ave sfc press of 6850 psi w/ave rate of 27.3 bpm. ISIP: 1765 psi. Calc flush: 1303 gal Actual flush: 1259 gal  
 04/19/07 Parted Rods- Updated rod & tubing details  
 02/03/11 4443-4447' Frac GB4 sands as follows: 14386# 20/40 sand in 84 bbls Lighting 17 fluid.  
 02/11/11 Convert to Injection well  
 02/18/11 Conversion MIT finalized - updated thg detail.

### PERFORATION RECORD

Date	Depth	JSPF	Holes
5-17-89	5386'-5396'	4 JSPF	40 holes
5-20-89	4950'-4961'	4 JSPF	44 holes
3-04-98	5114'-5118'	4 JSPF	16 holes
3-04-98	5131'-5135'	4 JSPF	16 holes
02-03-11	4443-4447'	3 JSPF	12 holes

**NEWFIELD**  
  
**Federal 31-4G-9-16**  
 500 FNL & 1900 FEL  
 NWNE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API # 43-013-31228; Lease # U-30096

# S. Wells Draw Q-3-9-16

Spud Date: 9/8/2009  
 Put on Production: 10/16/2009  
 GL: 5612' KB: 5621'

Wellbore Diagram

**SURFACE CASING**  
 CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (307.84')  
 DEPTH LANDED: 319.69'  
 CEMENT DATA: 160 sx class 'g' omt

**PRODUCTION CASING**  
 CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts (6375.34')  
 DEPTH LANDED: 6207.89'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sx prmlite and 400 sx 50/50 poz  
 CEMENT TOP AT: 58'

**TUBING**  
 SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 180 jts (5853')  
 TUBING ANCHOR: 5856' KB  
 NO. OF JOINTS: 2 jts (64.9')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5922' KB  
 NO. OF JOINTS: 2 jts (65.0')  
 TOTAL STRING LENGTH: EOT @ 5987'

**SUCKER RODS**  
 POLISHED ROD: 1 1/2" x 26'  
 SUCKER RODS: 4-1 1/2" weight bars, 140- 7/8" guided rods  
 PUMP SIZE: RIH w/central hydraulic 2 1/2" x 1 1/4" x 20' x 24' RHAC rod pump  
 STROKE LENGTH: 144"  
 PUMP SPEED, SPM: 5

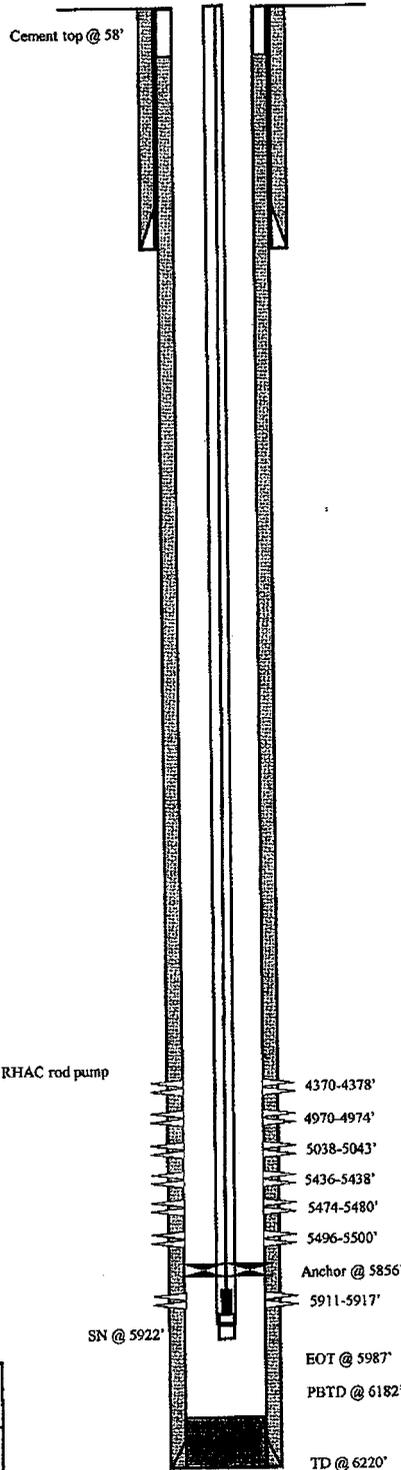
**FRAC JOB**

10/13/2009 5911-5917' Frac CP3 sds as follows:  
 20,093# 20/40 sand in 353 bbls of Lightning 17 fluid. Treated w/  
 ave pressure of 2400 psi w/ ave rate of 24.4 BPM. ISIP 2017 psi,  
 5 min @ 1823 psi, 10 min @ 1693 psi, 15 min @ 1665 psi.

10/13/2009 5436-5500' Frac LODC sds as follows:  
 51,477# 20/40 sand in 480 bbls of Lightning 17 fluid. Treated w/  
 ave pressure of 2917 psi w/ ave rate of 46.5 BPM. ISIP 2956 psi,  
 5 min @ 2498 psi, 10 min @ 2224 psi, 15 min @ 2095 psi.

10/13/2009 4970-5043' Frac C/D3 sds as follows:  
 35,733# 20/40 sand in 387 bbls of Lightning 17 fluid. Treated w/  
 ave pressure of 2566 psi w/ ave rate of 35.5 BPM. ISIP 2168 psi.

10/13/2009 4370-4378' Frac GB6 sds as follows:  
 32,668# 20/40 sand in 365 bbls of Lightning 17 fluid. Treated w/  
 ave pressure of 2141 psi w/ ave rate of 24.6 BPM. ISIP 1889 psi.



**PERFORATION RECORD**

Date	Depth Range	Number of Holes	Notes
10/13/09	5911-5917'	3 JSPF	18 holes
10/13/09	5496-5500'	3 JSPF	12 holes
10/13/09	5474-5480'	3 JSPF	18 holes
10/13/09	5436-5438'	3 JSPF	6 holes
10/13/09	5038-5043'	3 JSPF	15 holes
10/13/09	4970-4974'	3 JSPF	12 holes
10/13/09	4370-4378'	3 JSPF	24 holes

**NEWFIELD**

**S. Wells Draw Q-3-9-16**

842' FSL & 1949' FWL  
 SE/SW Section 3-T9S-R16E  
 Duchesne Co, Utah  
 API # 43-013-34152; Lease # UTU-77338

## South Wells Draw #4-3

Spud Date: 11/07/99  
 Put on Production: 12/07/99  
 GL: 5654' KB: 5667'

Initial Production: 56 BOPD, 53 MCFD  
 0 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (328.29')  
 DEPTH LANDED: 325.99'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 141 sx Class "G" plus additives; followed by 100 sx Class "G" cmt.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55 and N-80  
 WEIGHT: 15.5# and 17#  
 LENGTH: 142 jts (5939.10')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 285 sxs PremLite II; followed by 391 sx 50/50 Pozmix plus additives.  
 SET AT: 5934.80'  
 CEMENT TOP: 1000'

**TUBING**

SIZE/GRADE/WT: 2-7/8", 6.5#, M-50  
 NO. OF JOINTS: 182 jts  
 TUBING ANCHOR: 5557'  
 SEATING NIPPLE: 2-3/8" x 1.10'  
 TOTAL STRING LENGTH: 5715.07'  
 SN LANDED AT: 5591'

**SUCKER RODS**

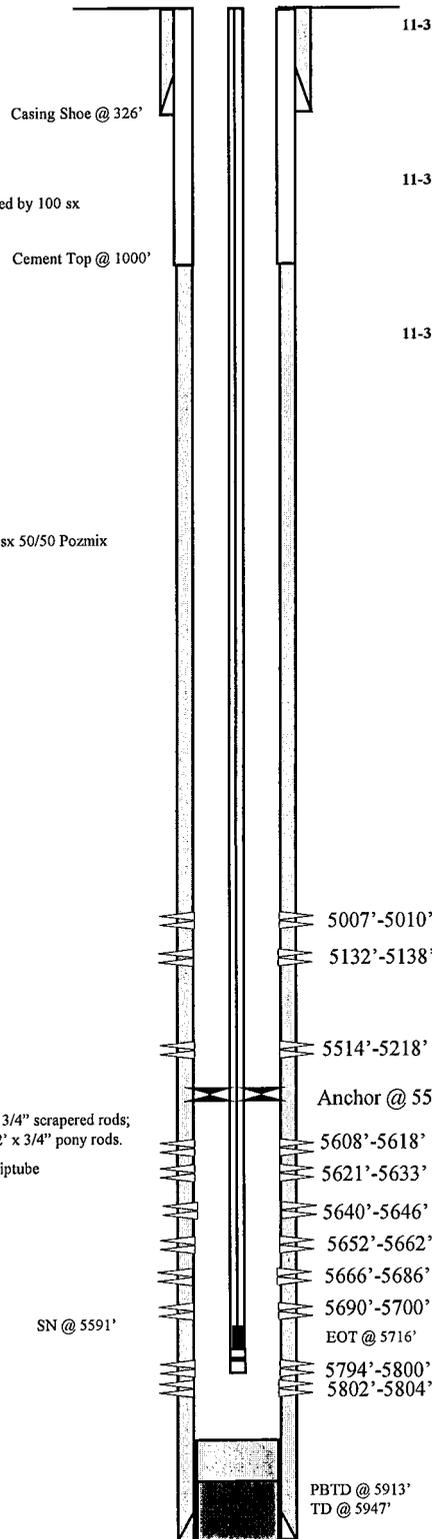
POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 4 1" scraped rods; 5 7/8" plain rods; 6 3/4" scraped rods; 114 3/4" plain rods; 93 3/4" scraped rods; 1-8", 1-6", 1-2" x 3/4" pony rods.  
 PUMP SIZE: 2-1/2"x1-1/2"x16" RHAC pump with 10.5' diptube  
 STROKE LENGTH: 74"  
 PUMP SPEED: 6 SPM  
 LOGS: DIGL/SP/GR/CAL      DSN/SDL/GR

**FRAC JOB**

11-30-99 5794-5804'      **Frac CP sand as follows:**  
 52,187# 20/40 sand in 370 bbls Viking fluid. Breakdown @ 2736 psi. Treated w/avg press of 1730 psi w/avg rate of 25.9 BPM. ISIP-2190 psi, 5 min 2130 psi. Left pressure on well.

11-30-99 5608'-5700' **Frac LDC sand as follows:**  
 124,100# 20/40 sand in 637 bbls Viking fluid. Perfs broke down @ 3611 psi. Treated w/avg press of 2000 psi w/avg rate of 35.8 BPM. ISIP-2770 psi, 5 min 2620 psi. Left pressure on well.

11-30-99 5007'-5218'      **Frac D/Bi-Carb/B sand as follows:**  
 Unable to break down perfs. 105,750# 20/40 sand in 692 bbls Viking fluid. Perfs broke down @ 4400 psi. Treated w/avg press of 2415 psi w/avg rate of 34.7 BPM. ISIP-2280 psi, 5 min 2135 psi. Flow back on 12/64" ck for 3 hrs & died. Recovered 165 BTF.



**PERFORATION RECORD**

Date	Interval	Perforation Type	Holes
11-30-99	5794'-5800'	4 JSPF	24 holes
11-30-99	5802'-5804'	4 JSPF	8 holes
11-30-99	5608'-5618'	2 JSPF	20 holes
11-30-99	5621'-5633'	2 JSPF	24 holes
11-30-99	5640'-5646'	2 JSPF	12 holes
11-30-99	5652'-5662'	2 JSPF	20 holes
11-30-99	5666'-5686'	2 JSPF	40 holes
11-30-99	5690'-5700'	2 JSPF	20 holes
11-30-99	5007'-5010'	4 JSPF	12 holes
11-30-99	5132'-5138'	4 JSPF	24 holes
11-30-99	5214'-5218'	4 JSPF	16 holes



**South Wells Draw #4-3**  
 789' FNL and 754' FWL  
 NWNW Section 3-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32096      Lease #UTU-77338

## South Wells Draw #5-3-9-16

Spud Date: 11/18/99  
 Put on Production: 12/21/99  
 Put on Injection: 3/4/02  
 GL: 5599' KB: 5609'

Initial Production: 63 BOPD, 67 MCFD  
 0 BWPD

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (328.27')  
 DEPTH LANDED: 326'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 306 sx Class "G" plus additives

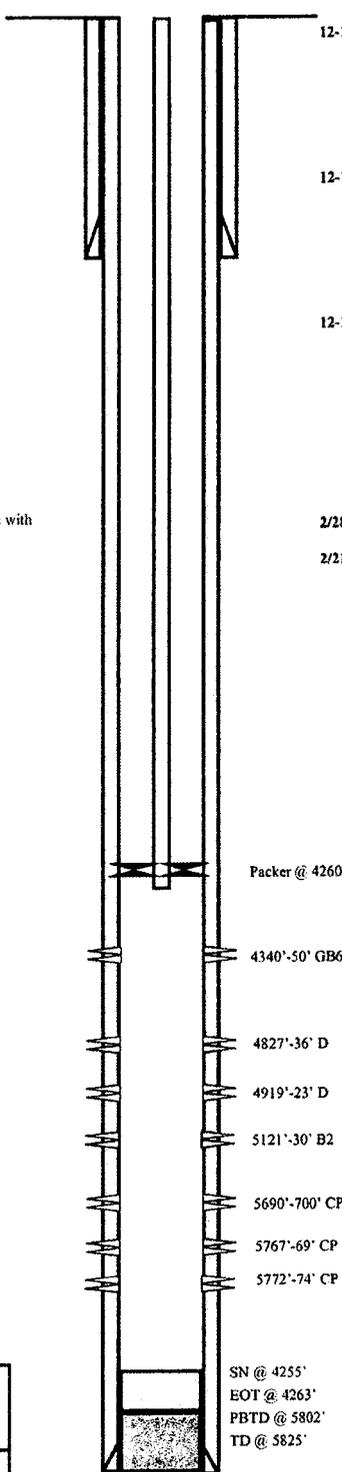
**PRODUCTION CASING**

CSG SIZE: 4-1/2"  
 GRADE: J-55  
 WEIGHT: 11.6#  
 LENGTH: 139 jts (5835.89')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 355 sxs PremLite II; followed by 455 sxPremLite with 1/4# per sx Cello Flake + 2% gel + .3% SM.  
 CEMENT TOP AT:  
 DEPTH LANDED: 5831.27'

**TUBING**

SIZE/GRADE/WT: 2-3/8", 4.7#, LS  
 NO. OF JOINTS: 132 jts. (4245.95')  
 SEATING NIPPLE: 2-3/8" x 3.10'  
 SN LANDED AT: 4255.95'  
 TUBING ANCHOR: 4260.95'  
 TOTAL STRING LENGTH: EOT @ 4263.25'

Injection  
Wellbore Diagram



**FRAC JOB**

12-14-99 5690-5774' **Frac CP sand as follows:**  
 46,369# 20/40 sand in 342 bbbs  
 Viking fluid. Breakdown @ 3400  
 psi. Treated w/avg press of 2500 psi  
 w/avg rate of 25 BPM. ISIP-2040  
 psi, 5 min 1813 psi. Left pressure on  
 well.

12-14-99 4827-4923' **Frac D sand as follows:**  
 54,978# 20/40 sand in 395 bbbs  
 Viking fluid. Perfs broke down  
 @ 1900 psi. Treated w/avg press  
 of 1900 psi w/avg rate of 26 BPM.  
 ISIP-2245 psi, 5 min 2186 psi.  
 Left pressure on well.

12-14-99 4340-4350' **Frac GB sand as follows:**  
 Unable to break down perfs. Re-  
 perped with additional 4 JSPF.  
 38,691# 20/40 sand in 315 bbbs  
 Viking fluid. Perfs broke down @  
 4030 psi. Treated w/avg press of  
 2200 psi w/avg rate of 22.4 BPM.  
 ISIP-2236 psi, 5 min 2016 psi. Flow  
 back on 12/64" ck for 3 hrs & died.  
 Recovered 110 BTF.

2/28/02 **Convert to injector. Update tubing details.**

2/21/07 **5 Year MIT completed and submitted.**

**PERFORATION RECORD**

Date	Interval	JSPF	Holes
12-14-99	5690'-5700'	4 JSPF	40 holes
12-14-99	5767'-5769'	4 JSPF	8 holes
12-14-99	5772'-5774'	4 JSPF	8 holes
12-14-99	4827'-4836'	4 JSPF	36 holes
12-14-99	4919'-4923'	4 JSPF	16 holes
12-14-99	4340'-4350'	4 JSPF	80 holes
2/27/02	5121'-5130'	4 JSPF	36 holes

**NEWFIELD**

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South Wells Draw #5-3-9-16  
 2018' FNL & 491' FWL  
 SWNW Section 3-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32098 Lease #U-77338

Attachment E-5

# South Wells Draw #6-3-9-16

Initial Production: 68 BOPD, 161 MCFD  
4 BWPD

Spud Date: 5/15/00  
Put on Production: 6/21/00  
GL: 5573' KB: 5583' KB

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (274.70')  
DEPTH LANDED: 286.55'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 141 sx Class "G" plus additives

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts (5934.31')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 265 sx PremLite II pls additives; followed by 400 sx 50/50 Poz with additives.  
SET AT: 5931.91' KB  
CEMENT TOP: 553' per CBL

### TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 4 jts. (123.53')  
NO. OF JOINTS: 149 jts. (4644.46')  
NO. OF JOINTS: 16 jts. (511.96')  
TUBING ANCHOR: 5289.96'  
NO. OF JOINTS: 2 jts. (5292.76')  
SEATING NIPPLE: 2-7/8" x 1.10'  
SN LANDED AT: 5354.32'  
NO. OF JOINTS: 2 jts. (5355.42')  
TOTAL STRING LENGTH: EOT @ 5416.81'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 4-1 1/2" wt bars; 14-3/4" guided rods; 81-3/4" slick rods;  
113-3/4" guided rods; 2-4' x 3/4" pony rods.  
PUMP SIZE: 2-1/2"x1-1/2"x 10"x14" RHAC  
STROKE LENGTH: 72"  
PUMP SPEED: 4.5 SPM

### FRAC JOB

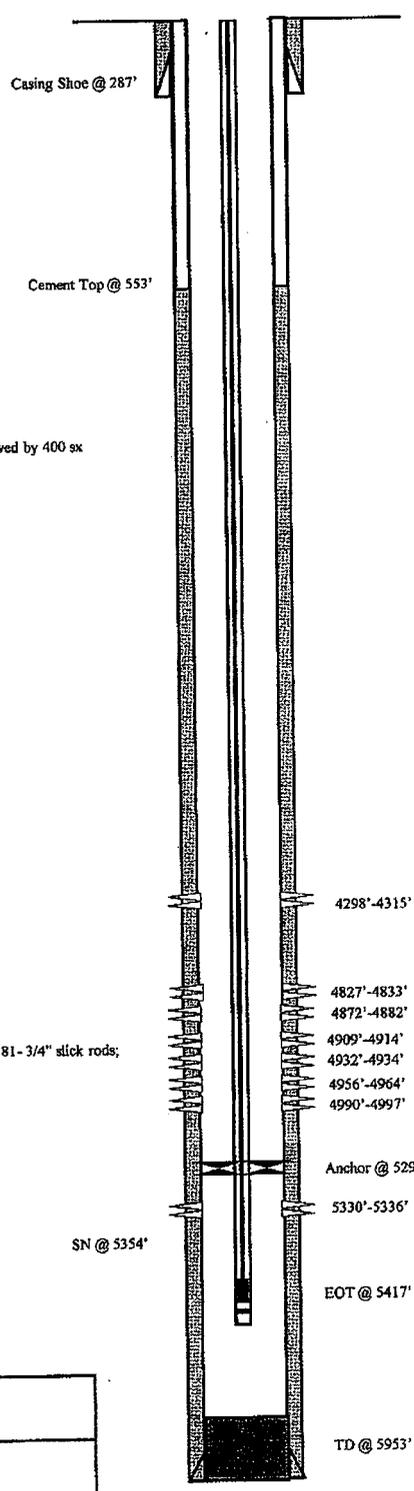
6-13-00 5330-5336' **Frac A sand as follows:**  
68,307# 20/40 sand in 475 bbls I-25 Viking fluid. Breakdown @ 2841 psi. Treated w/avg press of 2600 psi w/avg rate of 29.1 BPM. ISIP-2270 psi, 5 min 2140 psi. Flowed back on 12/64 choke for 3.5 hrs & died. Rec 122 BTF.

6-16-00 4827-4997' **Frac D/C sand as follows:**  
90,400# 20/40 sand in 520 bbls Viking fluid. Perfs broke down @ 2620 psi. Treated w/avg press of 2000 psi w/avg rate of 33.2 BPM. ISIP-2358 psi, 5 min 2311 psi. Left pressure on well. Est. 734 BWTR.

6-16-00 4298-4315' **Frac GB sand as follows:**  
81,240# 20/40 sand in 492 bbls Viking fluid. Perfs broke down @ 3577 psi. Treated w/avg press of 2200 psi w/avg rate of 28.5 BPM. ISIP-2488 psi, 5 min 2461 psi. Flow back on 12/64" ck for 4.5 hrs & died. Recovered 165 BTF.

6/21/00  
1/17/02  
03/04/03  
11/4/05  
11/12/08

Hole in tubing. Update rod and tubing details.  
Hole in tubing. Update rod and tubing details.  
Hole in tubing. Update rod and tubing details.  
Parted rods. Update rod and tubing details.  
Parted rods. Updated rod & tubing details.



### PERFORATION RECORD

Date	Interval	ISPF	Holes
6-13-00	5330'-5336'	4 ISPF	24 holes
6-14-00	4827'-4833'	2 ISPF	12 holes
6-14-00	4872'-4882'	2 ISPF	20 holes
6-14-00	4909'-4914'	2 ISPF	10 holes
6-14-00	4932'-4934'	2 ISPF	4 holes
6-14-00	4956'-4964'	2 ISPF	16 holes
6-14-00	4990'-4997'	2 ISPF	14 holes
6-16-00	4298'-4315'	4 ISPF	68 holes

**NEWFIELD**

South Wells Draw #6-3-9-16  
1813' FNL & 1876' FWL  
SENW Section 3-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32137 Lease #UTU-77338

## South Wells Draw #12-3-9-16

Spud Date: 10/29/98  
 Put on Production: 9/13/01  
 GL: 5684' KB: 5694'

Initial Production: 54.7 BOPD,  
 146.1 MCFD, 12.3 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (315')  
 DEPTH LANDED: 325'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx Class "G" plus additives

### PRODUCTION CASING

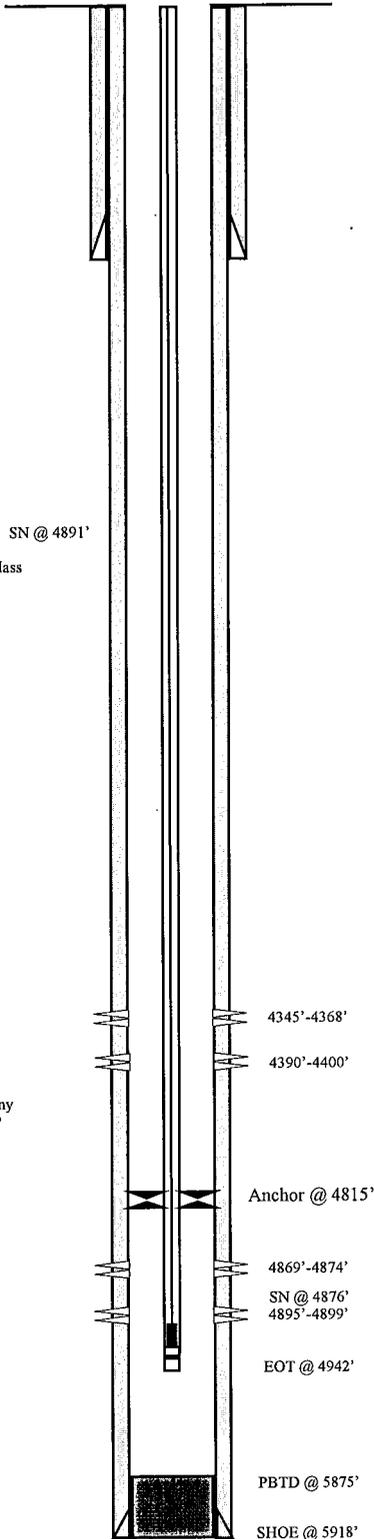
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts (5909')  
 SET AT: 5918'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 280 sx PremLite modified; followed by 280 sx Class "G" plus additives.

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 148 jts (4805')  
 TUBING ANCHOR: 4815'  
 NO. OF JOINTS: 2 jts (58.5')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4876.3 KB  
 NO. OF JOINTS: 2 jts (64.0')  
 TOTAL STRING LENGTH: EOT @ 4942'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-8' x 3/4" pony rod, 1-4' x 3/4" pony rod, 2-4' x 3/4" pony rod, 89- 3/4" guided rods, 75- 3/4" sucker rods, 24- 3/4" guided rods, 6- 3/4" weight bars  
 PUMP SIZE: 2-1/2" x 1 1/4" x 17" RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4.5  
 LOGS: DIGL/SP/GR/CAL



### FRAC JOB

9/10/01	4869'-4899'	<b>Frac D1 sands as follows:</b> 43,420# 20/40 sand in 391 bbls Viking I-25 fluid. Treated @ avg press of 2125 psi w/avg rate of 31 BPM. ISIP 2000 psi.
9/10/01	4345'-4400'	<b>Frac GB sands as follows:</b> 128,420# 20/40 sand in 892 bbls Viking I-25 fluid. Treated @ avg press of 1925 psi w/avg rate of 31.2 BPM. ISIP 2140 psi. Flowed for 8.5 hrs then died.
9/19/02		Stuck pump. Update rod and tubing details.
11/12/03		Stuck pump. Update rod details.
4/12/04		Pump change. Update rod details.
4/22/10		Tubing leak. Updated rod and tubing detail.

### PERFORATION RECORD

9/10/01	4895'-4899'	4 JSPF	16 holes
9/10/01	4869'-4874'	4 JSPF	20 holes
9/10/01	4390'-4400'	4 JSPF	40 holes
9/10/01	4345'-4368'	4 JSPF	92 holes

**NEWFIELD**



South Wells Draw #12-3-9-16

1980' FSL & 844' FWL

NWSW Section 3-T9S-R16E

Duchesne Co, Utah

API #43-013-32105 Lease #U-77338

## South Wells Draw B-4-9-16

Spud Date: 5-27-09  
 Put on Production: 6-26-09  
 GL: 5691' KB: 5703'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 274.49'  
 DEPTH LANDED: 320.79'  
 HOLE SIZE: 12- 1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt + 2% cal chloride

**PRODUCTION CASING**

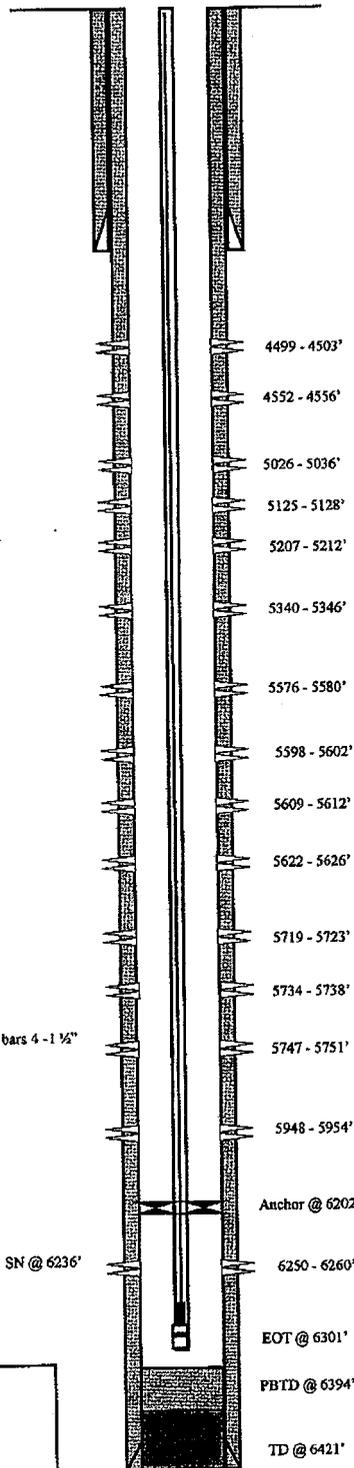
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 6382.48'  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6415'  
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 14'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 197 jts (6190')  
 TUBING ANCHOR: 6202'  
 NO. OF JOINTS: 1 jts (31.8')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6236' KB  
 NO. OF JOINTS: 2 jts (63.7')  
 TOTAL STRING LENGTH: EOT @ 6301'

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 26'  
 SUCKER RODS: pony rods 4 - 7/8", guided rod 244 - 7/8", sinker bars 4 - 1 1/2"  
 PUMP SIZE: 2 1/4" x 1 1/4" x 24" RHAC pump  
 PUMP SPEED, SPM 4



**FRAC JOB**

6-26-09	6250 - 6260'	Frac CP5 sands as follows: Frac with 65818# 20/40 sand in 395 bbls Lightning 17 fluid.
6-26-09	5948 - 5954'	Frac CP,5 sands as follows: Frac with 16128# 20/40 sand in 128 bbls Lightning 17 fluid.
6-26-09	5719 - 5751'	Frac LODC sands as follows: Frac with 113694# 20/40 sand in 653 bbls Lightning 17 fluid.
6-26-09	5622 - 5580'	Frac LODC sands as follows: Frac with 111498# 20/40 sand in 648 bbls Lightning 17 fluid.
6-26-09	5340 - 5346'	Frac B2 sands as follows: Frac with 35758# 20/40 sand in 227 bbls Lightning 17 fluid.
6-26-09	5125 - 5212'	Frac D3 & C sands as follows: Frac with 30316# 20/40 sand in 246 bbls Lightning 17 fluid.
6-26-09	5026 - 5036'	Frac D1 sands as follows: Frac with 60664# 20/40 sand in 253 bbls Lightning 17 fluid.
6-26-09	4499 - 4556'	Frac GB4 & GB6 sands as follows: Frac with 81580# 20/40 sand in 440 bbls Lightning 17 fluid.

**PERFORATION RECORD**

6250 - 6260'	3 JSPP	30 holes
5948 - 5954'	3 JSPP	18 holes
5747 - 5751'	3 JSPP	12 holes
5734 - 5738'	3 JSPP	12 holes
5719 - 5723'	3 JSPP	12 holes
5622 - 5626'	3 JSPP	12 holes
5609 - 5612'	3 JSPP	9 holes
5598 - 5602'	3 JSPP	12 holes
5576 - 5580'	3 JSPP	12 holes
5340 - 5346'	3 JSPP	18 holes
5207 - 5212'	3 JSPP	15 holes
5125 - 5128'	3 JSPP	9 holes
5026 - 5036'	3 JSPP	30 holes
4552 - 4556'	3 JSPP	12 holes
4499 - 4503'	3 JSPP	12 holes



**NEWFIELD**

South Wells Draw B-4-9-16

Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-34154; Lease #UTU-30096

## South Wells Draw S-4-9-16

Spud Date: 02/02/2010  
 Put on Production: 03/09/2010  
 GL: 5740' KB: 5752'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.89)  
 DEPTH LANDED: 318.74'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "C" cmt

**PRODUCTION CASING**

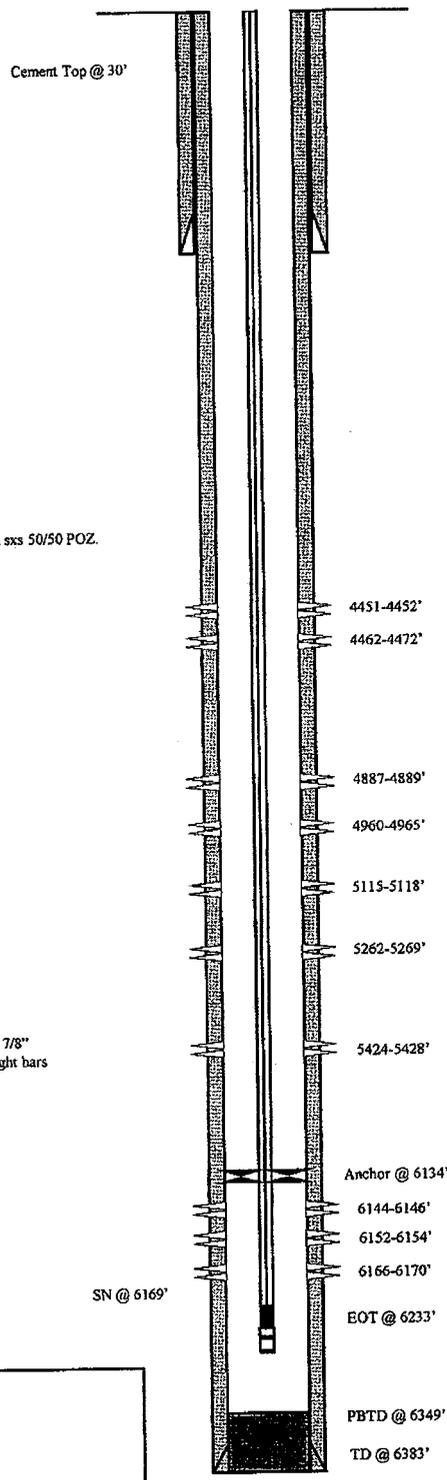
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 149 jts. (6359.93')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6373.18'  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 422 sxs 50/50 POZ.  
 CEMENT TOP AT: 30'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 195 jts (6122.2')  
 TUBING ANCHOR: 6134.2'  
 NO. OF JOINTS: 1 jts (31.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6168.6' KB  
 NO. OF JOINTS: 2 jts (62.9')  
 TOTAL STRING LENGTH: EOT @ 6233'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1 - 4' x 7/8", 1 - 6' x 7/8", 1 - 8' x 7/8"  
 pony rods; 241 - 7/8" 8 per guided rods; 4 - 1 1/2" weight bars  
 PUMP SIZE: 2 1/2 x 1 3/4 x 20' x 24' RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED: SPM 5



**FRAC JOB**

3-9-10	6144-6170'	Frac CPS sands as follows: Frac with 24805# 20/40 sand in 145 bbls Lightning 17 fluid.
3-9-10	5424-5428'	Frac A3 sands as follows: Frac with 9118# 20/40 sand in 59 bbls Lightning 17 fluid.
3-9-10	5262-5269'	Frac B2 sands as follows: Frac with 19253# 20/40 sand in 115 bbls Lightning 17 fluid.
3-9-10	5115-5118'	Frac C sands as follows: Frac with 8973# 20/40 sand in 59 bbls Lightning 17 fluid.
3-9-10	4887-4965'	Frac DS3 & D1 sands as follows: Frac with 19810# 20/40 sand in 117 bbls Lightning 17 fluid.
3-9-10	4451-4472'	Frac G86 sands as follows: Frac with 50000# 20/40 sand in 218 bbls Lightning 17 fluid.

**PERFORATION RECORD**

6166-6170'	3 JSPF	12 holes
6152-6154'	3 JSPF	6 holes
6144-6146'	3 JSPF	6 holes
5424-5428'	3 JSPF	12 holes
5262-5269'	3 JSPF	21 holes
5115-5118'	3 JSPF	9 holes
4960-4965'	3 JSPF	15 holes
4887-4889'	3 JSPF	6 holes
4462-4472'	3 JSPF	30 holes
4451-4452'	3 JSPF	3 holes



**South Wells Draw S-4-9-16**  
 736' FSL & 723' FEL (SE/SE)  
 Section 4, T9S, R16E  
 Duchesne Co, Utah  
 API # 43-013-50060; Lease # UTU-77338

## South Wells Draw #9-4-9-16

Initial Production: 69 BOPD, 124 MCFD  
8 BWPD

Spud Date: 10/13/98  
Put on Production: 11/10/98  
GL: 5689' KB: 5699'

### Injection Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-3/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (311')  
DEPTH LANDED: 297'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 140 sx Class "G" w/2% CC, 2% gel, 1/2 #/sx floccle

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts (5981')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 280 sx Premium Lite Mod, and 340 sx Class "G" w/10% A-10 and 10% salt.  
CEMENT TOP AT:  
SET AT: 5990'

**TUBING**

SIZE/GRADE/WT: 2-7/8", 6.5#, M-50  
NO. OF JOINTS: 152 jts. (4712.22')  
SEATING NIPPLE: 1.10'  
SN LANDED AT: 4713.32'  
TUBING ANCHOR: 4720.19'  
TOTAL STRING LENGTH: 4720.54'

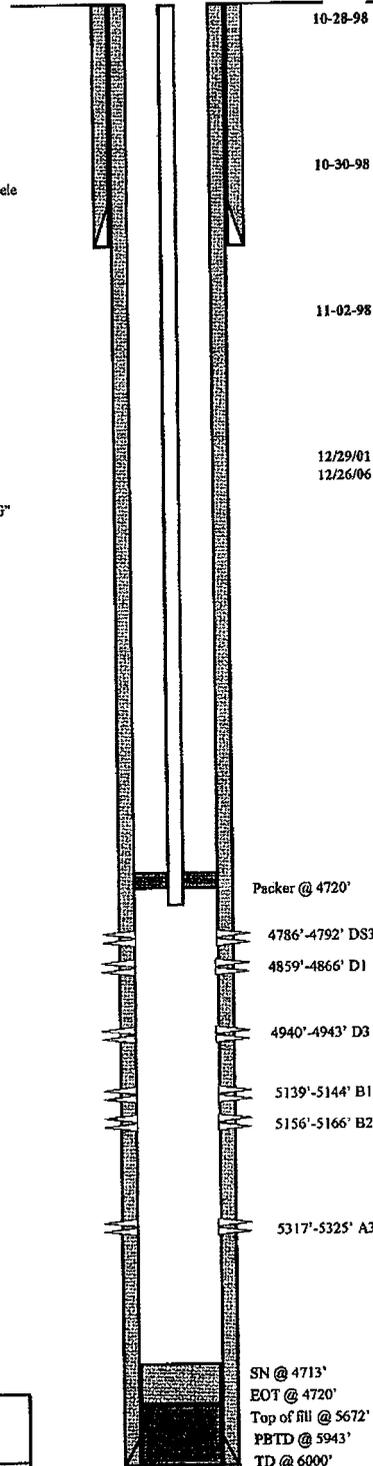
**FRAC JOB**

10-28-98 5317'-25'      **Frac A sand as follows:**  
96,000# 20/40 sand in 505 bbls  
Viking I-25 fluid. Breakdown  
@ 3098 psi. Treated w/avg press of 1800 psi  
w/avg rate of 28 BPM. ISIP-2300 psi, 5  
min 2215 psi. Flowback on 12/64" ck for 4 hrs &  
died.

10-30-98 5139'-66'      **Frac B sand as follows:**  
104,900# 20/40 sand in 516 bbls  
Viking I-25 fluid. Breakdown  
@ 3225 psi. Treated w/avg press of 1520 psi  
w/avg rate of 29.6 BPM. ISIP-2400 psi, 5  
min 2200 psi. Flowback on 12/64" ck for 2 hrs &  
died.

11-02-98 4786'-943'      **Frac D/YDC sand as follows:**  
128,840# 20/40 sand in 587 bbls  
Viking I-25 fluid. Breakdown  
@ 2291 psi. Treated w/avg press of 2600 psi  
w/avg rate of 36.7 BPM. ISIP-3500 psi, 5  
min 3008 psi. Flowback on 12/64" ck for 1-1/2 hrs  
& died.

12/29/01      **Convert to injector.**  
12/26/06      **5 Year MIT completed and submitted.**



**PERFORATION RECORD**

Date	Depth	ISIP	Holes
10-27-98	5317'-5325'	4 JSPF	32 holes
10-29-98	5139'-5144'	4 JSPF	20 holes
10-29-98	5156'-5166'	4 JSPF	40 holes
10-31-98	4786'-4792'	4 JSPF	24 holes
10-31-98	4859'-4866'	4 JSPF	28 holes
10-31-98	4940'-4943'	4 JSPF	12 holes

**NEWFIELD**

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South Wells Draw #9-4-9-16  
1837' FSL & 613' FWL  
NESE Section 4-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32102; Lease #UTU-77338

## South Wells Draw 10-4-9-16

Spud Date: 10/28/99  
 Put on Production: 11/26/99  
 GL: 5656' KB: 5666'

Initial Production:  
 44 BOPD, 59 MCFD 2 BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (325.47')  
 DEPTH LANDED: 323.17'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 141 sx Class "G" w/2% CC and 1/4#/sk flocele.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55 and N-80  
 WEIGHT: 15.5#  
 LENGTH: 132 jts (5568.93')  
 DEPTH LANDED : 5566.63'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 265 sx Premium Lite II Modified; and 305 sx 50/50  
 Poz w/3% KCl, 1/4#/sk cello-flake, 2% gel, .3% SM.  
 CEMENT TOP: 640'

#### TUBING

SIZE/GRADE/WT: 2-7/8" / 6.5# / M-50  
 NO. OF JOINTS: 156 jts (4835.7')  
 SEATING NIPPLE: 1.10'  
 SN LANDED AT: 4845.7'  
 CE @ 4850.09'  
 TOTAL STRING LENGTH EOT @: 4854' w/ 10' KB

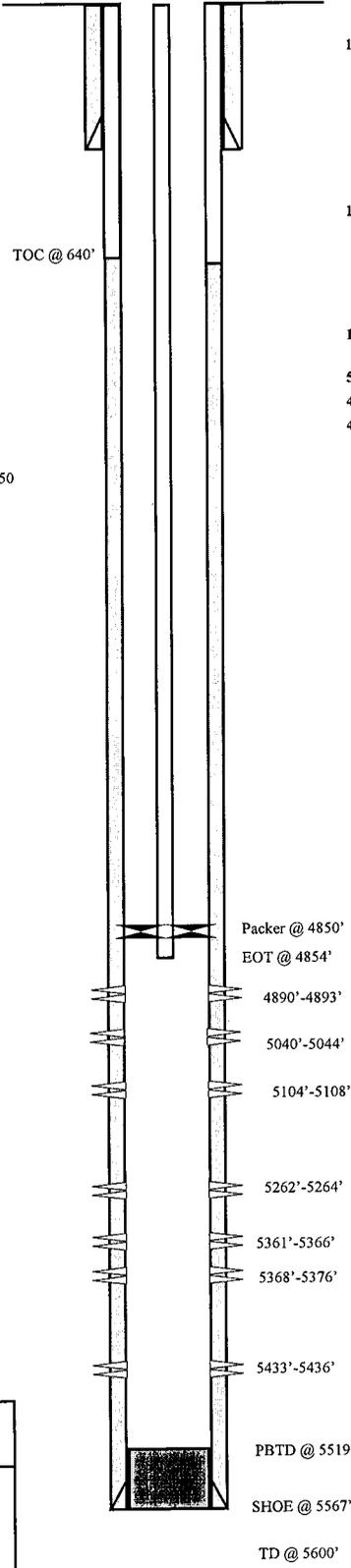
#### FRAC JOB

11-20-99 5262'-5436' Frac A/LDC sand as follows:  
 102,200# 20/40 sand in 602 bbls  
 Boragel fluid. Breakdown @ 2070 psi. Treated  
 w/avg press of 2521 psi w/avg rate of 35.9 BPM.  
 ISIP-3125 psi, 5min 2972 psi. Left pressure on  
 well. Re-set plug; released pressure off well.  
 Flowback 2 bbls fluid.

11-20-99 4890'-5108' Frac C/B sand as follows:  
 99,900# 20/40 sand in 547 bbls  
 30# Boragel. Breakdown @ 1888 psi. Treated  
 w/avg press of 2058 psi w/avg rate of 31.5 BPM.  
 ISIP-2000 psi, 5 min 1938 psi. Flowback on  
 12/64" ck for 2-1/2 hrs & died.

12/13/02 Parted rods. Update rod and tubing  
 detail.

5/27/09 Pump Change. Updated rod & tubing details.  
 4/19/10 Convert to Injection Well  
 4/21/10 MIT Completed - tbg detail updated



#### PERFORATION RECORD

Date	Interval	Tool	Holes
11-20-99	5262'-5264'	4 JSPF	8 holes
11-20-99	5361'-5366'	4 JSPF	20 holes
11-20-99	5368'-5376'	4 JSPF	32 holes
11-20-99	5433'-5436'	4 JSPF	12 holes
11-20-99	4890'-4893'	4 JSPF	12 holes
11-20-99	5040'-5044'	4 JSPF	16 holes
11-20-99	5104'-5108'	4 JSPF	16 holes

**NEWFIELD**

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**South Wells Draw 10-4-9-16**

2068' FSL and 2042' FEL  
 NWSE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32103; Lease #UTU-77338

## South Wells Draw 16-4-9-16

Spud Date: 10/19/99  
 Put on Production: 11/12/99  
 GL: 5733' KB: 5743'

Initial Production: 73 BOPD,  
 102 MCFD, 2 BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

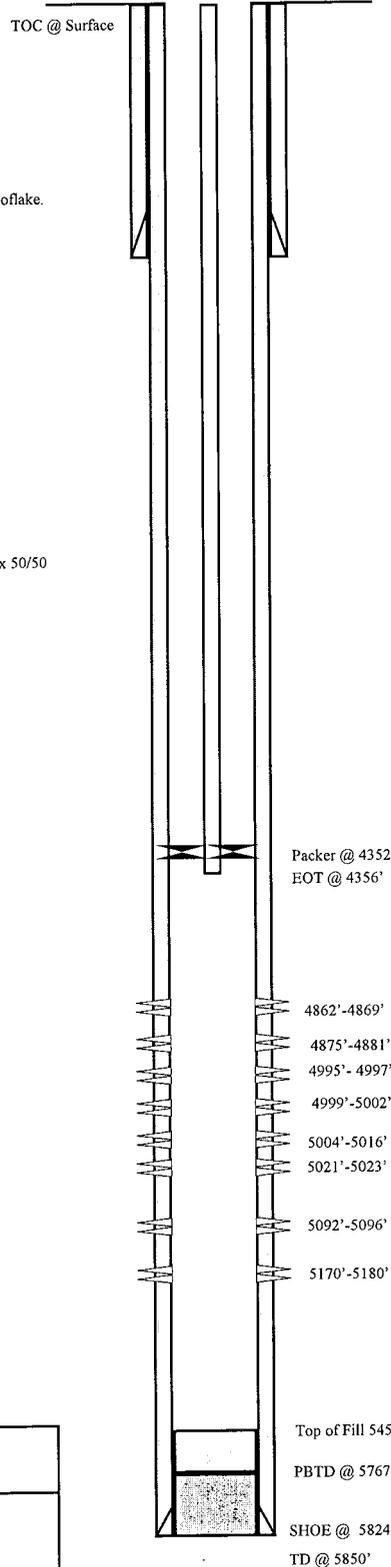
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (316.24')  
 DEPTH LANDED: 326.24'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 141 sx Class "G" w/2% CC and 1/4#/sk Celloflake.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55 and N-80  
 WEIGHT: 15.5#  
 LENGTH: 138 jts (5825.97')  
 DEPTH LANDED: 5823.67'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 270 sx Premium Lite II Modified; and 350 sx 50/50 Poz w/3% KCl, 1/4#/sk cello-flake, 2% gel, .3% SM.  
 CEMENT TOP: Surface

#### TUBING

SIZE/GRADE/WT: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 140 jts (4337.3')  
 SEATING NIPPLE: 1.10'  
 SN LANDED AT: 4347.3' KB  
 CE @ 4351.63'  
 TOTAL STRING LENGTH: EOT @ 4356' W/ 10' KB



#### FRAC JOB

11-05-99 5170'-5180' Frac B-2 sand as follows:  
 49,263# 20/40 sand in 278 bbls  
 Viking I-25 fluid. Breakdown @ 2443 psi. Treated w/avg press of 2100 psi w/avg rate of 28 BPM. ISIP-4100 psi, 5 min 4000 psi. Bled well off - flowed back est. 5 BTF.

11-05-99 4995'-5023' Frac C sand as follows:  
 103,822# 20/40 sand in 488 bbls  
 Viking I-25 fluid. Breakdown @ 2249 psi. Treated w/avg press of 2500 psi w/avg rate of 30 BPM. ISIP-4100 psi, 5 min 2621 psi. Flowback @ 1.5 BPM. Recovered 81 BTF in 1-1/2 hrs.

11-06-99 4862'-4881' Frac D-1 sand as follows:  
 89,623# 20/40 sand in 485 bbls Viking I-25 fluid. Perfs broke down @ 3118 psi. Treated @ avg pressure of 2100 psi, w/avg. rate of 31 BPM. ISIP 3400 psi; 5 min. 2970 psi. Flowed through 12/64" choke @ 1 BPM.

03/26/02 Pump Change: Update rod and tubing details.  
 09/23/02 Pump Change: Update rod detail.  
 11/15/04 Pump Change: Update rod detail.  
 02/25/06 Pump Change: Updated rod and tubing detail.  
 03/19/07 Pump Change: Updated rod and tubing detail.  
 05/05/09 Pumping Unit Upgrade. Updated r & t details.  
 04/14/10 Convert to Injection well  
 04/16/10 MIT Completed - tbg detail updated

#### PERFORATION RECORD

Date	Interval	Number of JSPF	Number of Holes
11-05-99	5170'-5180'	4 JSPF	40 holes
11-05-99	4995'-4997'	4 JSPF	8 holes
11-05-99	4999'-5002'	4 JSPF	12 holes
11-05-99	5004'-5016'	4 JSPF	48 holes
11-05-99	5021'-5023'	4 JSPF	8 holes
11-06-99	4862'-4869'	4 JSPF	28 holes
11-06-99	4875'-4881'	4 JSPF	24 holes
11-11-99	5092'-5096'	4 JSPF	16 holes



**NEWFIELD**

**South Wells Draw 16-4-9-16**

751' FSL & 713' FEL

SESE Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-32110; Lease #UTU-77338

# Wells Draw I-4-9-16

Spud Date: 6/13/2009  
 Put on Production: 7/22/2009  
 GL: 5720' KB: 5732'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (276')  
 DEPTH LANDED: 327' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx class 'G' cmt

**PRODUCTION CASING**

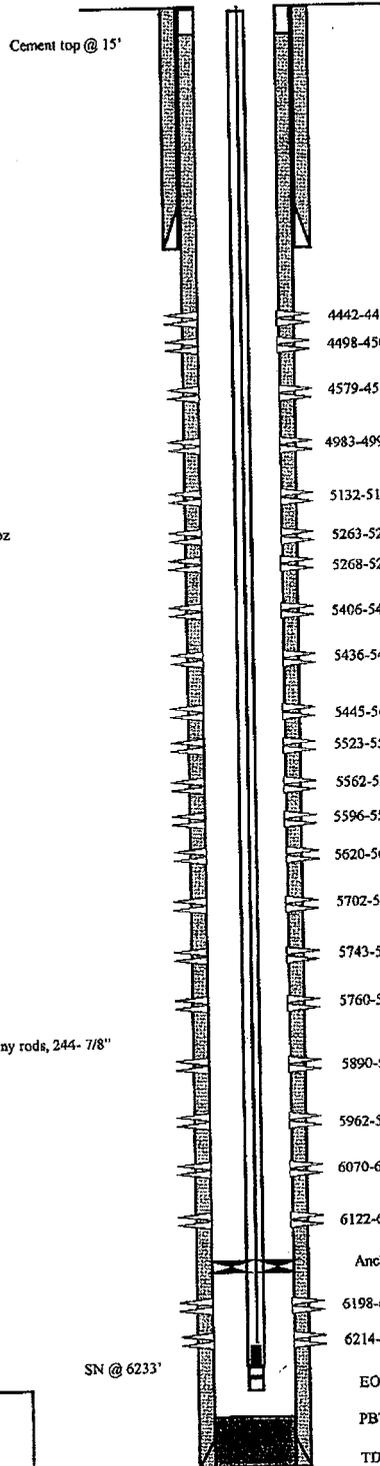
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 165 jts (6409')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6459.89'  
 CEMENT DATA: 275 sx Prem. Lite and 400 sx 50/50 poz  
 CEMENT TOP AT: 15'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 195 jts (6155')  
 TUBING ANCHOR: 6167' KB  
 NO. OF JOINTS: 2 jts (63.1')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6233' KB  
 NO. OF JOINTS: 2 jts (63.1')  
 TOTAL STRING LENGTH: EOT @ 6298'

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 30' polished rod  
 SUCKER RODS 1 - 2' x 7/8"; 1 - 4' x 7/8"; 1 - 6' x 7/8" pony rods, 244 - 7/8"  
 8per guided rod, 4-1 1/2" weight rods  
 PUMP SIZE: 2 1/2" x 1 3/4" x 20" RHAC  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM:



**FRAC JOB**

7-22-09	6070-6219'	Frac CP4, CP5, & CP 3 sands as follows: Frac with 15,423# 20/40 sand in 93 bbls of Lightning 17 fluid.
7-22-09	5890-5967'	Frac CP.5 & CP1 sands as follows: Frac with 25,100# 20/40 sand in 163 bbls of Lightning 17 fluid.
7-22-09	5702-5762'	Frac LODC sands as follows: Frac with 138,935# 20/40 sand in 589 bbls of Lightning 17 fluid.
7-22-09	5523-5625'	Frac LODC as follows: Frac with 161,209# 20/40 sand in 668 bbls of Lightning 17 fluid.
7-22-09	5406-5449'	Frac A3 & A1 sands as follows: Frac with 56,334# 20/40 sand in 242 bbls of Lightning 17 fluid.
7-22-09	5132-5272'	Frac C & B2 sands as follows: Frac with 30,474# 20/40 sand in 174 bbls of Lightning 17 fluid.
7-22-09	4983-4990'	Frac D1 sands as follows: Frac with 30,663# 20/40 sand in 174 bbls of Lightning 17 fluid.
7-22-09	4442-4581'	Frac GB4, GB6, & PB7 sands as follows: Frac with 15,633# 20/40 sand in 97 bbls of Lightning 17 fluid.

**PERFORATION RECORD**

6214-6219'	3 JSPF	15 holes
6198-6200'	3 JSPF	6 holes
6122-6124'	3 JSPF	6 holes
6070-6072'	3 JSPF	6 holes
5962-5967'	3 JSPF	15 holes
5890-5893'	3 JSPF	9 holes
5760-5762'	3 JSPF	6 holes
5743-5748'	3 JSPF	15 holes
5702-5706'	3 JSPF	12 holes
5620-5625'	3 JSPF	15 holes
5596-5599'	3 JSPF	9 holes
5562-5565'	3 JSPF	9 holes
5523-5525'	3 JSPF	6 holes
5445-5449'	3 JSPF	12 holes
5436-5440'	3 JSPF	12 holes
5406-5409'	3 JSPF	9 holes
5268-5272'	3 JSPF	12 holes
5263-5265'	3 JSPF	6 holes
5132-5135'	3 JSPF	9 holes
4983-4990'	3 JSPF	21 holes
4579-4581'	3 JSPF	6 holes
4498-4501'	3 JSPF	9 holes
4442-4444'	3 JSPF	6 holes

**NEWFIELD**  
 Wells Draw I-4-9-16  
 2148' FNL & 535' FEL SE/NE  
 Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API # 43-013-33810; Lease # UTU-30096

## Wells Draw H-4-9-16

Spud Date: 6/3/2009  
 Put on Production: 7/9/2009  
 GL: 5720' KB: 5732'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (310.8')  
 DEPTH LANDED: 322.65' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx class 'g' cmt

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 173 jts (6623.21')  
 DEPTH LANDED: 6402.50'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 280 sx primlite and 400 sx 50/50 poz  
 CEMENT TOP AT: 46'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 193 jts (6000')  
 TUBING ANCHOR: 6003' KB  
 NO. OF JOINTS: 1 jt (30.9')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6035' KB  
 NO. OF JOINTS: 3 jts (6164')  
 TOTAL STRING LENGTH: EOT @ 6165'

#### SUCKER RODS

POLISHED ROD: 1 1/2" x 26'  
 SUCKER RODS:  
 PUMP SIZE: 2-1/2" x 1-3/4" x 20' x 24' RHAC pump  
 STROKE LENGTH: 144"  
 PUMP SPEED, SPM: 4

#### FRAC JOB

7/1/2009 6223-6241' RU BJ & frac CP5 sds as follows:  
 19,839# sand in 358 bbls of fluid. Treated @ ave pressure of 2362 w/ ave rate of 27 bpm w/ 6 ppg of sand. ISIP was 2047 w/ .77FG. 5 min was 1894. 10 min was 1841. 15 min was 1801.

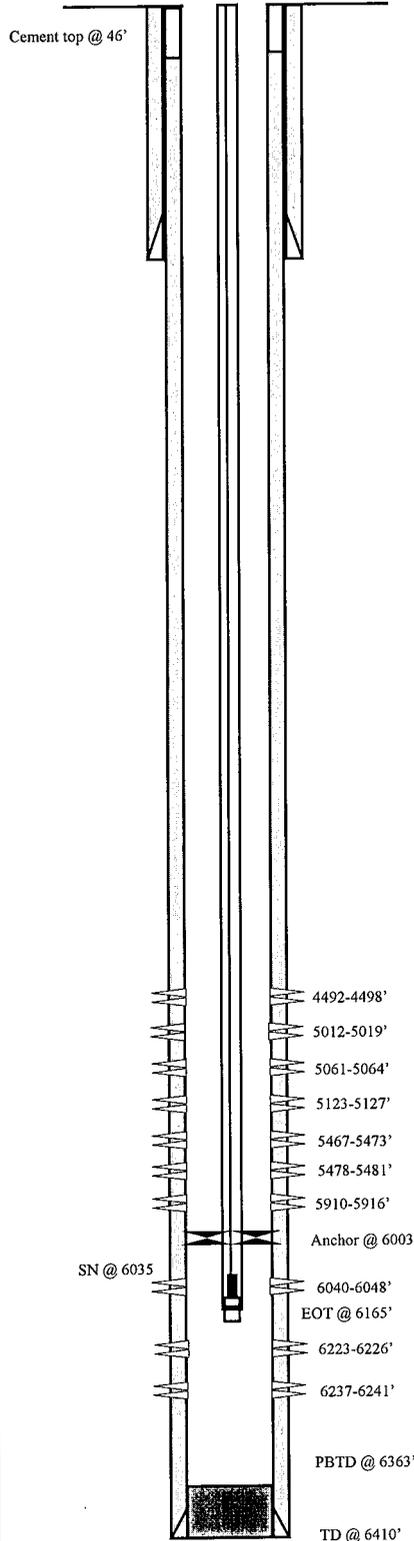
7/1/2009 6040-6048' RU BJ & frac CP2 sds as follows:  
 30,171# sand in 430 bbls of fluid. Treated @ ave pressure of 2400 w/ ave rate of 27 bpm w/ 6 ppg of sand. ISIP was 2039 w/ .78FG. 5 min was 1913. 10 min was 1878. 15 min was 1855.

7/1/2009 5910-5916' RU BJ & frac CP.5 sds as follows:  
 14,995# sand in 304 bbls of fluid. Treated @ ave pressure of 2396 w/ ave rate of 16 bpm w/ 6 ppg of sand. ISIP was 2235 w/ .82FG. 5 min was 2101. 10 min was 2396. 15 min was 2000.

7/2/2009 5467-5481' RU BJ & frac A1 sds as follows:  
 45,742# sand in 460 bbls fluid. Treated @ ave pressure of 2598 w/ ave rate of 27 bpm w/ 8 ppg of sand. ISIP was 2331 w/ .87FG. 5 min was 2177. 10 min was 2064. 15 min was 1991.

7/2/2009 5012-5127' RU BJ & frac D sds as follows:  
 91,195# sand in 703 bbls fluid. Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2632 w/ ave rate of 35 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2309 w/ .90FG. 5 min was 2190. 10 min was 2176. 15 min was 2132.

7/2/2009 4492-4498' RU BJ & frac GB4 sds as follows:  
 18,223# 20/40 sand in 301 bbls fluid. Treated @ ave pressure of 2776 w/ ave rate of 22 bpm w/ 6 ppg of sand. ISIP was 2487 w/ 1.0FG. 5 min was 2087. 10 min was 1938. 15 min was 1845.



#### PERFORATION RECORD

6/26/09	6237-6241'	3 JSFP	12 holes
6/26/09	6223-6226'	3 JSFP	9 holes
6/26/09	6040-6048'	3 JSFP	24 holes
6/26/09	5910-5916'	3 JSFP	18 holes
6/26/09	5478-5481'	3 JSFP	9 holes
6/26/09	5467-5473'	3 JSFP	18 holes
6/26/09	5123-5127'	3 JSFP	12 holes
6/26/09	5061-5064'	3 JSFP	9 holes
6/26/09	5012-5019'	3 JSFP	21 holes
6/26/09	4492-4498'	3 JSFP	18 holes

**NEWFIELD**

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**Federal H-4-9-16**

512' FSL & 1916' FEL

NW/NE Section 4-T9S-R16E

Duchesne Co, Utah

API # 43-013-34153; Lease # UTU-30096

## Wells Draw Federal 1-4-9-16

Initial Production: 105 BOPD, 52 MCFD  
7 BWPD

Spud Date: 2/9/98  
Put on Production: 3/23/98  
GL: 5686' KB: 5698'

### Injection Wellbore Diagram

#### SURFACE CASING

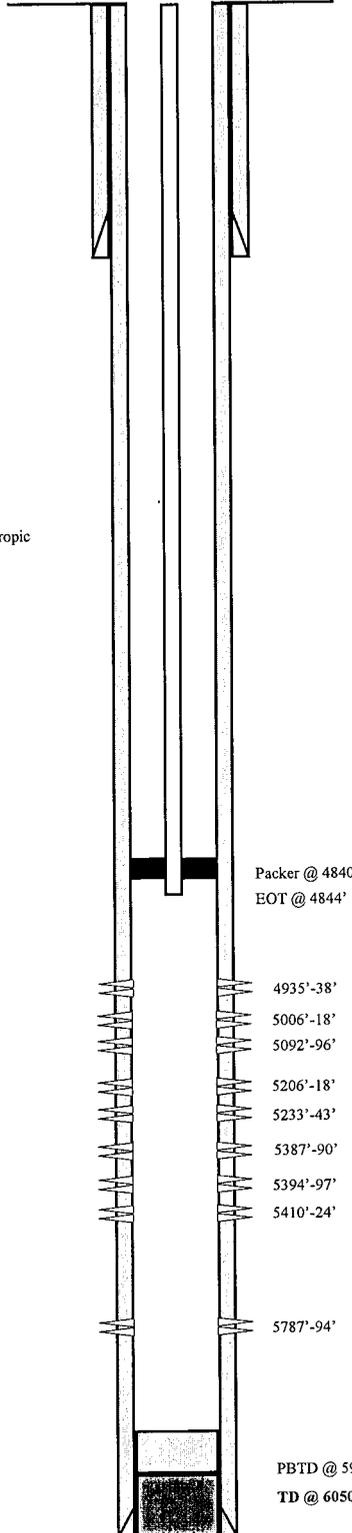
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts  
DEPTH LANDED: 286'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premiumplus w/2% CC, 2% gel, 1/2 #/sx flocele

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 141 jts 6016'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Hibond 65 modified and 450 sxs Thixotropic w/10% calseal  
CEMENT TOP AT:  
SET AT: 6027'

#### TUBING

SIZE/GRADE/WT: 2-7/8" / M-50 / 6.5#  
NO. OF JOINTS: 155 jts (4823.96')  
SEATING NIPPLE: 2-7/8" (1.10')  
SEAT NIPPLE LANDED @ 4837  
CE @ 4840.26'  
TOTAL STRING LENGTH: EOT @ 4844.38'



#### FRAC JOB

3-8-98 5787'-5794' **Frac CP sand as follows:** 95,300# 20/40 sand in 515 bbls Delta Frac. Breakdown @ 2691 psi. Treated w/avg press of 1220 psi w/avg rate of 26.2 BPM. ISIP-2075 psi, 5 min 1666 psi. Flowback on 12/64" ck for 3-1/2 hrs & died.

3-11-98 5387'-5424' **Frac A sand as follows:** 97,300# 20/40 sand in 503 bbls Delta Frac. Breakdown @ 1506 psi. Treated w/avg press of 1600 psi w/avg rate of 28.3 BPM. ISIP-2165 psi, 5 min 2008 psi. Flowback on 12/64" ck for 1-1/2 hrs & died.

3-13-98 5206'-5243' **Frac B sand as follows:** 97,100# 20/40 sand in 506 bbls Delta Frac. Breakdown @ 1876 psi. Treated w/avg press of 1700 psi w/avg rate of 28.8 BPM. ISIP-3193 psi, 5 min 2527 psi. Flowback on 12/64" ck for 2 hrs & died.

3-18-98 4935'-5096' **Frac D/C sands as follows:** 97,000# 20/40 sand in 418 bbls Delta Frac. Breakdown @ 2200 psi. Treated w/avg press of 1400 psi w/avg rate of 33 BPM.

12-15-00 **Convert to Injection well**  
12-19-00 **MIT completed - tbg detail updated**

#### PERFORATION RECORD

Date	Depth Range	Holes	Rate
3-7-98	5787'-5794'	4 JSPF	28 holes
3-10-98	5410'-5424'	4 JSPF	56 holes
3-10-98	5394'-5397'	4 JSPF	12 holes
3-10-98	5387'-5390'	4 JSPF	12 holes
3-12-98	5233'-5243'	4 JSPF	40 holes
3-12-98	5206'-5218'	4 JSPF	48 holes
3-17-98	5092'-5096'	4 JSPF	16 holes
3-17-98	5006'-5018'	4 JSPF	48 holes
3-17-98	4935'-4938'	4 JSPF	12 holes

**NEWFIELD**

Wells Draw Federal 1-4-9-16  
746' FNL and 586' FEL  
NENE Section 4-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31971; Lease #U-30096

# SWD Federal #R-4-9-16

Spud Date: 6-4-08  
Put on Production: 8-15-08

GL:5603' KB:5615'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: K-55  
WEIGHT: 24#  
LENGTH: 7 jts (318.08')  
DEPTH LANDED: 328.08'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: To surface with 160 sx Class "G" cmt

### PRODUCTION CASING

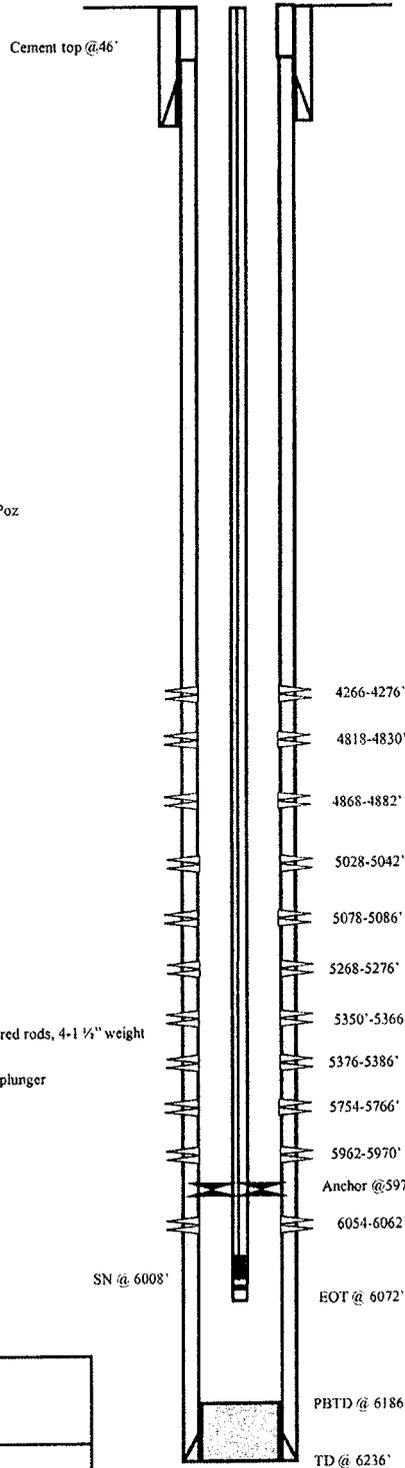
CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 17#  
LENGTH: 136 jts 6220.27'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sx Premlite II and 450 sx 50/50 Poz  
CEMENT TOP AT: 46'

### TUBING

SIZE-GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 194 jts (5961.58')  
TUBING ANCHOR: 5973.58' KB  
NO. OF JOINTS: 1 jt (31.46')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6007.74'  
NO. OF JOINTS: 2 jts (62.88')  
TOTAL STRING LENGTH: EOT @ 6072.17'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
SUCKER RODS: 2-2' x 7/8" pony rods, 238- 7/8" scraped rods, 4-1 1/4" weight rods  
PUMP SIZE: CDI 2 1/2" x 1 1/4" x 21" RHAC pump w/sm plunger  
STROKE LENGTH: 122"  
PUMP SPEED, SPM: 4 SPM



### FRAC JOB

7-21-08	6054-6062'	<b>Frac CP5 sds as follows:</b> Frac w/23,841#s of 20/40 sand in 382 bbls of Lightning 17 fluid. Treat at an ave pressure of 2307 psi w/ ave rate of 23.2 ISIP 2024 psi.
7-21-08	5962-5970'	<b>Frac CP4 sds as follows:</b> Frac w/25,330#s of 20/40 sand in 374 bbls of Lightning 17 fluid. Treat w/ ave pressure of 2407 psi w/ ave rate of 22.9 ISIP 2269
7-21-08	5350-5366'	<b>Frac LODC sds as follows:</b> Frac w/65,317#s of 20/40 sand in 558 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2133 psi w/ ave rate of 22.8 BPM. ISIP 2848 psi.
7-21-08	5268-5276'	<b>Frac A1 sds as follows:</b> Frac w/24,872#s of 20/40 sand in 359 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2382 psi w/ ave rate of 23.0 BPM. ISIP 2247 psi.
7-21-08	5028-5042'	<b>Frac B.5 &amp; B1 sds as follows:</b> Frac 50,070#s of 20/40 sand in 455 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2137 psi w/ ave rate of 22.7 BPM. ISIP 2194 psi.
7-21-08	4818-4830'	<b>Frac D1 &amp; D2 sds as follows:</b> Frac 130,336#s of 20/40 sand in 911 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2239 psi w/ ave rate of 22.9 BPM. ISIP 2435 psi.
7-21-08	4266-4276'	<b>Frac GB2 sds as follows:</b> Frac 24,830#s of 20/40 sand in 911 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2239 psi w/ ave rate of 22.9 BPM. ISIP 2435 psi.

### PERFORATION RECORD

4266-4276'	4 JSPF	40 holes
4818-4830'	4 JSPF	48 holes
4868-4882'	4 JSPF	56 holes
5028-5042'	4 JSPF	64 holes
5078-5086'	4 JSPF	32 holes
5268-5276'	4 JSPF	32 holes
5350-5366'	4 JSPF	64 holes
5376-5386'	4 JSPF	40 holes
5754-5766'	4 JSPF	48 holes
5962-5970'	4 JSPF	32 holes
6054-6062'	4 JSPF	32 holes

**NEWFIELD**

SWD Federal #R-4-9-16  
2053' FSL & 2051' FEL  
NW/SE Section 4-T9S-R16E  
Duchesne Co, Utah  
API #43-013-33763; Lease #UTU-77338

# Wells Draw #7-4

Spud Date: 4/15/98  
 Put on Production: 5/20/98  
 GL: 5700' KB: 5712'

Initial Production: 126 BOPD, 263 MCFD  
 9 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (311')  
 DEPTH LANDED: 311'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premiumplus w/2% CC 2% gel 1/2 #/sx floecic

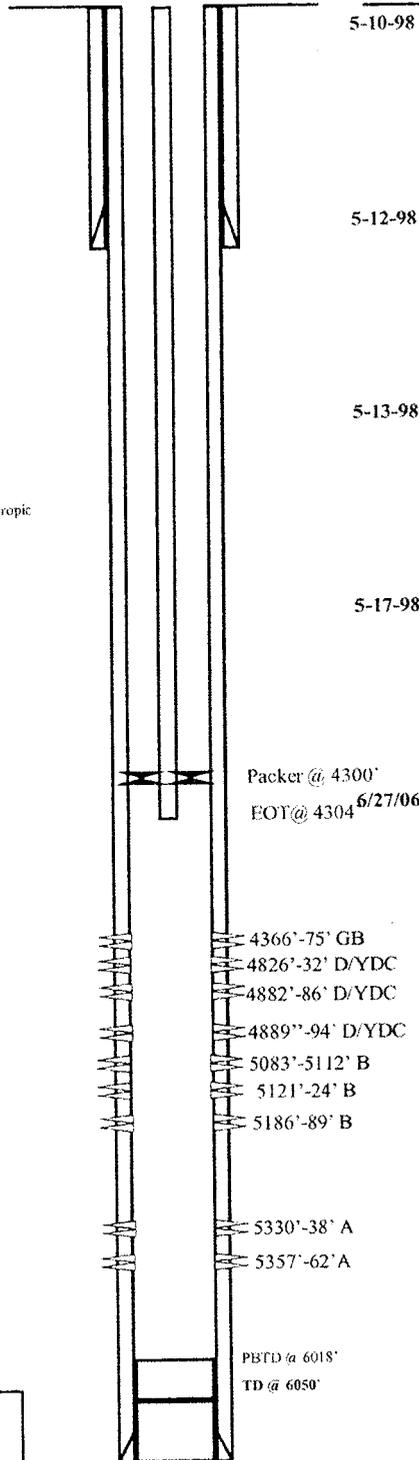
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 141 jts (6007')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 395 sxs Hibond 65 modified and 425 sxs Thixotropic w/10% calseal  
 CEMENT TOP AT:  
 SET AT: 6019'

## TUBING

SIZE/GRADE/WT: 2-7/8", 6.5#, M-50  
 NO. OF JOINTS: 138 jts  
 TOTAL STRING LENGTH: 4304.30'  
 SN LANDED AT: 4295.85'

## Injection Wellbore Diagram



## FRAC JOB

- 5-10-98 5330'-5362' **Frac A sand as follows:**  
 88,540# 20/40 sand in 462 bbls Viking. Breakdown @ 3544 psi. Treated w/avg press of 1900 psi w/avg rate of 28 BPM. ISIP-2850 psi, 5 min 2328 psi. Flowback on 12/64" ck for 3 hrs & died.
- 5-12-98 5083'-5189' **Frac B sand as follows:**  
 122,680# 20/40 sand in 565 bbls Viking. Breakdown @ 3114 psi. Treated w/avg press of 1450 psi w/avg rate of 34.8 BPM. ISIP-2050 psi, 5 min 1854 psi. Flowback on 12/64" ck for 2-1/2 hrs & died.
- 5-13-98 4826'-4894' **Frac D/YDC sand as follows:**  
 104,620# 20/40 sand in 533 bbls Viking. Breakdown @ 2833 psi. Treated w/avg press of 2000 psi w/avg rate of 33 BPM. ISIP-2400 psi, 5 min 2300 psi. Flowback on 12/64" ck for 2 hrs & died.
- 5-17-98 4366'-4375' **Frac GB sands as follows:**  
 104,520# 20/40 sand in 505 bbls Delta Frac. Breakdown @ 3350 psi. Treated w/avg press of 2250 psi w/avg rate of 25.5 BPM. ISIP-2650 psi. Flowback on 12/64" ck for 3 hrs & died.  
**5 Year MIT completed and submitted.**

## PERFORATION RECORD

Date	Interval	ISPF	Holes
5-08-98	5330'-5338'	4 ISPF	32 holes
5-08-98	5357'-5362'	4 ISPF	20 holes
5-12-98	5083'-5112'	2 ISPF	58 holes
5-12-98	5121'-5124'	4 ISPF	12 holes
5-12-98	5186'-5189'	4 ISPF	12 holes
5-14-98	4826'-4832'	4 ISPF	24 holes
5-14-98	4882'-4886'	4 ISPF	16 holes
5-14-98	4889'-4894'	4 ISPF	20 holes
5-16-98	4366'-4375'	4 ISPF	36 holes

**NEWFIELD**

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**Wells Draw #7-4-9-16**  
 1980' FNL and 1980' FEL  
 SWNE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31973; Lease #U-30096

**Multi-Chem Group, LLC**  
 Multi-Chem Analytical Laboratory  
 1553 East Highway 40  
 Vernal, UT 84078

## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**  
 Well Name: **south wells draw IF**  
 Sample Point: **tank**  
 Sample Date: **1 /7 /2011**  
 Sales Rep: **Monty Frost**  
 Lab Tech: **Peter Poulsen**

Sample ID: **WA-53132**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	1/24/2011	<b>Cations</b>			<b>Anions</b>
Temperature (°F):	100	Calcium (Ca):	31.62		Chloride (Cl):
Sample Pressure (psig):		Magnesium (Mg):	15.12		Sulfate (SO <sub>4</sub> ):
Specific Gravity (g/cm <sup>3</sup> ):	1.0006	Barium (Ba):	8.18		Dissolved CO <sub>2</sub> :
pH:	7.25	Strontium (Sr):	-		Bicarbonate (HCO <sub>3</sub> ):
Turbidity (NTU):	-	Sodium (Na):	1897.00		Carbonate (CO <sub>3</sub> ):
Calculated T.D.S. (mg/L)	5345	Potassium (K):	-		H <sub>2</sub> S:
Molar Conductivity (µS/cm):	8099	Iron (Fe):	0.12		Phosphate (PO <sub>4</sub> ):
Resitivity (Mohm):	1.2347	Manganese (Mn):	0.02		Silica (SiO <sub>2</sub> ):
		Lithium (Li):	-		Fluoride (F):
		Aluminum (Al):	-		Nitrate (NO <sub>3</sub> ):
		Ammonia NH <sub>3</sub> :	-		Lead (Pb):
					Zinc (Zn):
					Bromine (Br):
					Boron (B):

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100		0.76	-0.74	0.00	-1872.00	0.00	-1990.00	-	-	28.50	13.37	1.25
80	0	0.55	-1.54	0.00	-5.19	0.00	-2126.70	-	-	43.03	13.55	0.57
100	0	0.76	-0.74	0.00	-3.25	0.00	-1990.00	-	-	28.50	13.37	0.70
120	0	0.98	-0.06	0.00	-1.85	0.00	-1792.60	-	-	19.32	13.12	0.79
140	0	1.22	0.57	0.00	-0.80	0.00	-1562.50	-	-	13.37	12.78	0.89
160	0	1.47	1.15	0.00	0.01	0.00	-1323.40	-	-	9.43	12.32	1.01
180	0	1.72	1.70	0.00	0.63	0.01	-1092.60	-	-	6.77	11.71	1.11
200	0	1.96	2.21	0.01	1.12	0.01	-881.65	-	-	4.94	10.90	1.13
220	2.51	2.16	2.69	0.01	1.48	0.01	-703.26	-	-	3.59	9.80	1.14
240	10.3	2.34	3.11	0.01	1.72	0.02	-544.83	-	-	2.67	8.45	1.17
260	20.76	2.48	3.47	0.01	1.84	0.02	-413.16	-	-	2.01	6.73	1.19
280	34.54	2.59	3.76	0.01	1.86	0.04	-306.03	-	-	1.53	4.58	1.22
300	52.34	2.65	3.95	0.01	1.79	0.06	-220.34	-	-	1.17	1.91	1.25

**Conclusions:**

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.  
 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 temps from 80°F to 300°F

**Notes:**



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Multi-Chem Analytical Laboratory

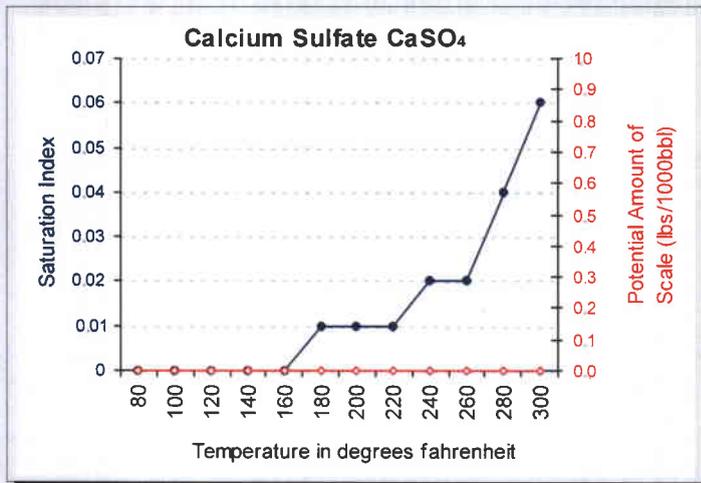
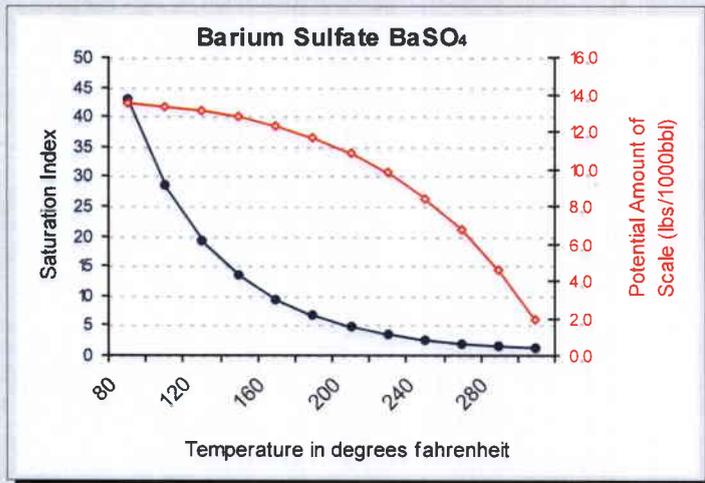
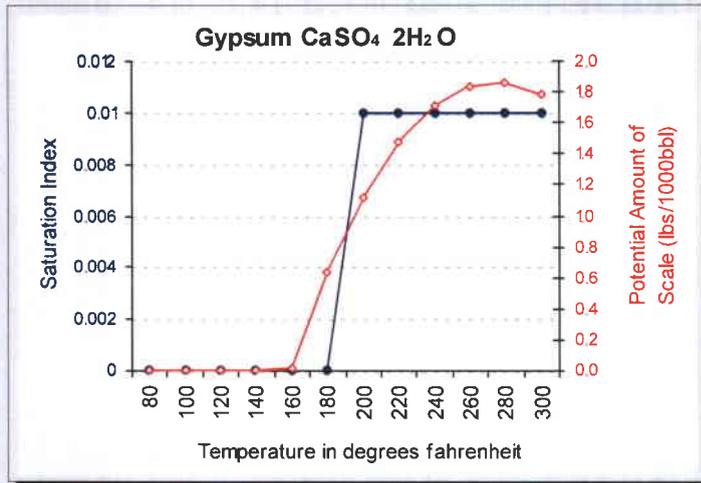
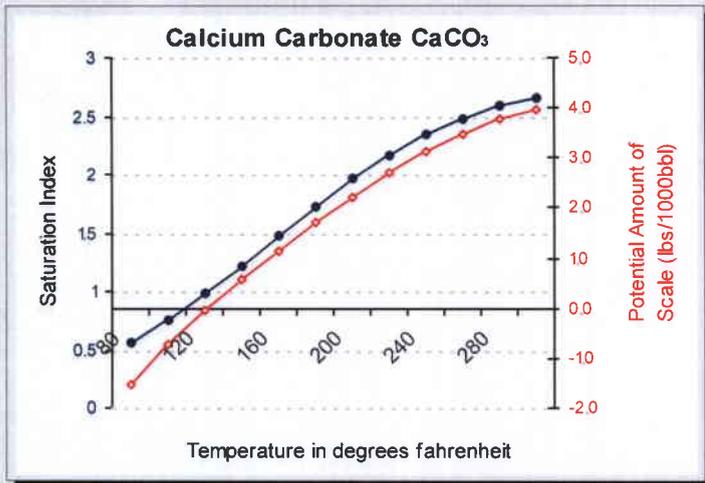
1553 East Highway 40

Vernal, UT 84078

### Scale Prediction Graphs

Well Name: south wells draw IF

Sample ID: WA-53132



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## Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

### Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**  
Well Name: **Federal 42-4G-9-16**  
Sample Point: **tank**  
Sample Date: **1 /12/2011**  
Sales Rep: **Monty Frost**  
Lab Tech: **John Keel**

Sample ID: **WA-52879**

Sample Specifics	
Test Date:	1/18/2011
Temperature (°F):	100
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0040
pH:	7.65
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	13400
Molar Conductivity (µS/cm):	20303
Resitivity (Mohm):	0.4925

Analysis @ Properties in Sample Specifics				
Cations		mg/L	Anions	mg/L
Calcium (Ca):	8.50		Chloride (Cl):	7000.00
Magnesium (Mg):	2.60		Sulfate (SO <sub>4</sub> ):	69.00
Barium (Ba):	4.30		Dissolved CO <sub>2</sub> :	-
Strontium (Sr):	-		Bicarbonate (HCO <sub>3</sub> ):	1293.00
Sodium (Na):	5022.00		Carbonate (CO <sub>3</sub> ):	-
Potassium (K):	-		H <sub>2</sub> S:	-
Iron (Fe):	0.70		Phosphate (PO <sub>4</sub> ):	-
Manganese (Mn):	0.02		Silica (SiO <sub>2</sub> ):	-
Lithium (Li):	-		Fluoride (F):	-
Aluminum (Al):	-		Nitrate (NO <sub>3</sub> ):	-
Ammonia NH <sub>3</sub> :	-		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 CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100		0.58	-4.59	0.00	-2618.60	0.00	-2753.70	-	-	6.11	6.06	0.73
80	0	0.43	-7.00	0.00	-16.50	0.00	-2924.20	-	-	9.32	6.49	0.35
100	0	0.58	-4.59	0.00	-12.05	0.00	-2753.70	-	-	6.11	6.06	0.44
120	0	0.73	-2.65	0.00	-8.66	0.00	-2500.60	-	-	4.09	5.45	0.49
140	0	0.88	-1.03	0.00	-6.06	0.00	-2201.20	-	-	2.79	4.60	0.55
160	0	1.03	0.24	0.00	-4.16	0.00	-1886.20	-	-	1.94	3.44	0.62
180	0	1.16	1.16	0.00	-2.86	0.00	-1579.10	-	-	1.37	1.89	0.68
200	0	1.26	1.75	0.00	-2.04	0.00	-1295.60	-	-	0.98	-0.15	0.68
220	2.51	1.31	2.02	0.00	-1.59	0.00	-1056.60	-	-	0.69	-3.01	0.69
240	10.3	1.34	2.12	0.00	-1.33	0.00	-839.29	-	-	0.51	-6.49	0.70
260	20.76	1.33	2.04	0.00	-1.22	0.00	-656.84	-	-	0.37	-10.86	0.71
280	34.54	1.29	1.81	0.00	-1.20	0.00	-506.90	-	-	0.28	-16.29	0.72
300	52.34	1.23	1.45	0.00	-1.25	0.01	-385.78	-	-	0.21	-22.96	0.73

#### Conclusions:

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.  
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:

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Vernal, UT 84078

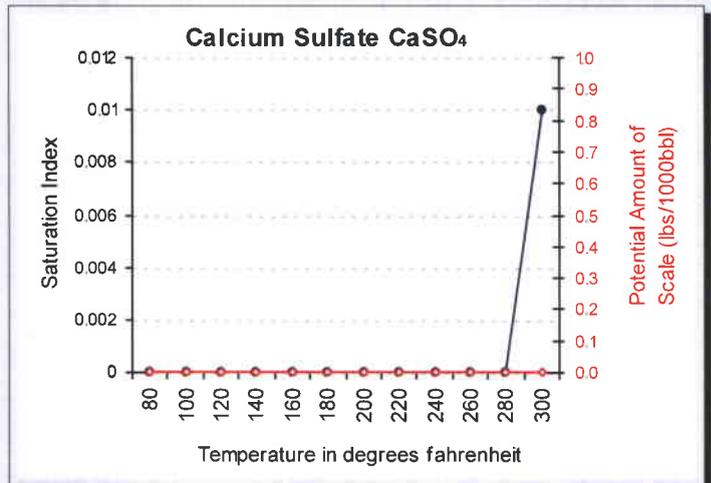
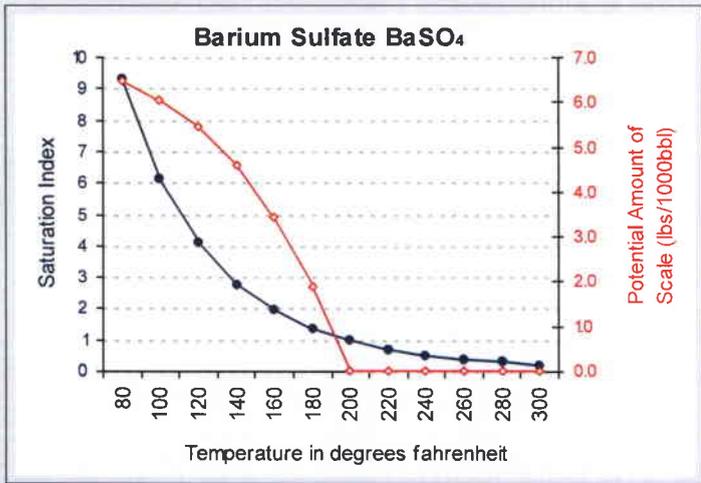
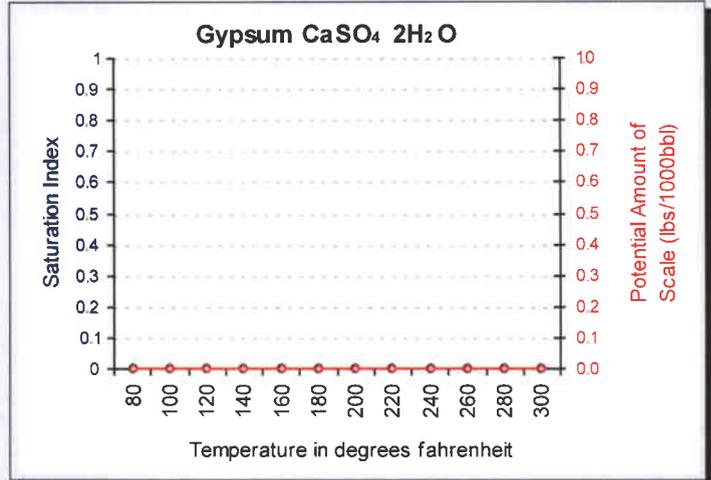
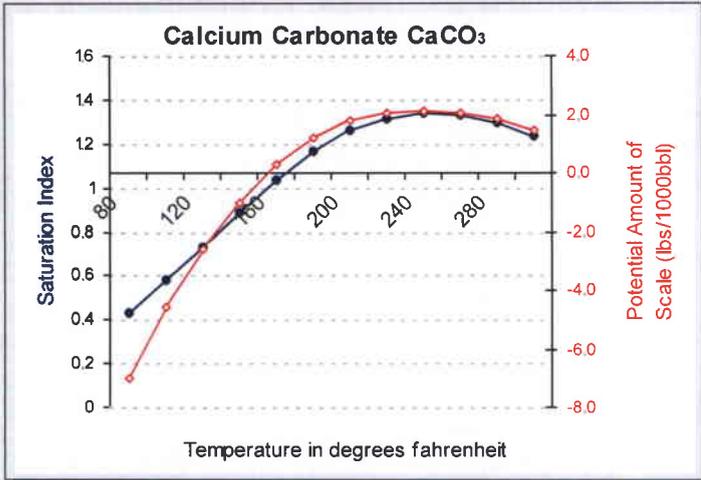
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**Scale Prediction Graphs**

Well Name: **Federal 42-4G-9-16**

Sample ID: **WA-52879**



**Attachment "G"**

**Federal #42-4-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4978	4984	4981	2100	0.85	2068
4763	4881	4822	2130	0.88	2099
5928	6040	5984	2038	0.78	1999
5691	5818	5755	1975	0.78	1938
5305	5316	5311	1945	0.80	1911 ←
4916	4936	4926	2830	1.01	2798
4324	4475	4400	2828	1.09	2800
				<b>Minimum</b>	<u><u>1911</u></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.

05/05/82 PBTB 6412'. Day 1. M & R Well Service. PU tbg. M.I.R.U. completion tools, pump BOP, unload 2 3/8" EUE. TIH w/4 3/4" bit, csg. scraper, and tbg. to 5000'. SION. Daily:\$22,503. Cum:\$22,503.

05/06/82 PBTB 6404'. Day 2. TIH to swab. Rotary Rig K.B. 14', 220 jts. of 2 3/8", 4.7# EUE on location. Finish TIH to 6404', RU pump and reverse hole w/3% KCL wtr. (100 bbls.), POH w/tbg. X-Over sub, csg. scraper and bit. RU Schlumberger and run GR, CL, CBL, and VDL. Logger depth 6395', log recorded 2' deep, pressure test csg. 3000 psi for 15 min. (okay). Perf. 5144'-5152', 3 JSPF, 90° phasing, Hydro Jet II, 25 holes. No indication of hydro-carbons. SION. Daily:\$12,647. Cum:\$35,150.

NGC COMPLETION

Pleasant Valley Prospect SWNE Sec.4-9S-16E, Duchesne Co., UT.  
 N.W. Monument Butte #42-4 Objective: Wasatch. AFE #84472. NGC  
 DEVELOPMENT W.I.-75%. Contractor: Olsen #5. Spud:  
 3/20/82.

- 05/07/82 PBTD 6404'. Day 3. Swab perfs. 5144'-5152'. CP-0. TIH to 5144' to swab seat nipple at 5112'. Made 23 swab runs, recovered 95 bbls. 3% KCL water. Fluid level at 4500'. SION. Daily:\$3,568. Cum:\$38,718.
- 05/08/82 PBTD 6404'. Day 4. Break down and swab perfs. 5144'-5152'. CP-0, TP-0. Fluid level at 4500'. RU and pump, fill hole and inject 10 bbls. of 3% KCL into perfs. Max 2500 psi, avg. 2500 psi. ISIP 1200 psi, 15 min. 0 psi. Made 20 swab runs, recovered 90 bbls. KCL water w/trace of oil. SION. Daily:\$2,165. Cum:\$40,883.
- 05/10/82 PBTD 6404'. Day 5. Swab test perfs. 5144'-5152'. CP-150 psi, TP-0 psi. Ran swab for fluid level, swab stopped at 500'. Dump 10 gal. diesel fuel down tbg., run sinker bars thru oil, trip out w/sinker bars and put on swab cups. Fluid level at 1500'. Made 21 swab runs, rec. 60 bbls. fluid (98% oil and 2% wtr). Fluid level at 5300', 100' fluid entry every hr-.39 bbls (10 bbls./day). Change tbg. rams in BOP's. SION. Daily:\$3,498. Cum:\$44,381.
- 05/11/82 PBTD 6404'. Day 6. Swab test perfs. 5144'-5152'. CP-65#, TP-75#. Fluid level 3500'. Made 12 swab runs. Recovered 15 bbls. oil (Gas 15 MCF). RD swab and POH w/tbg. SION. Daily:\$2,232. Cum:\$46,613.
- 05/12/82 PBTD 6404'. Day 7. RU Howco and frac. perfs. 5144'-52'. 27,100# sand into perfs:

Event	Volume	Fluid	Sand C.	Sand Type	Sand Wt.	PSI	Rate
#1 Pad	6000 gal	V-1500				2110	15.3
#2 SLF	2500 gal	V-1500	1# gal	20/40	2,500	2030	15.2
#3 "	"	"	2# gal	"	5,000	2050	15.2
#4 "	"	"	4# gal	"	10,000	1820	15.5
#5 "	"	"	6# gal	"	15,000	1600	15.8
#6 "	"	"	7# gal	"	17,500	1480	15.8
#7 "	"	"	8# gal	"	20,000	1490	16.8

Screened off at 20,490 gals., 700 gals. short of having 6# sand in perfs. Flush lines and tried to flush w/KCL wtr. 4000 psi - no success. Shut well in until 12 noon. Started flow back at 12 noon w/16/64" choke 475 psi - dropped to 0 immediately. Well flowed small stream of gel wtr. until 1:00 P.M., approx. 10 bbls. TIH to 2000', circ. out gel wtr. and sand. TIH to 3000', reversed out gel wtr. and sand. TIH to 4100', reversed out gel wtr. and sand. TIH to 4400', reversed out gel wtr. and sand. TIH to 4800', reversed out gel wtr. and sand. SION. Daily:\$36,713. Cum:\$83,326.

- 05/13/82 PBTD 6404'. Day 8. Swab perfs. 5144'-5152'. CP-200 psi, TP-160 psi. Pressure bled off immediately. 27,100# of sand in perfs; 365 bbls. fluid in perfs; 119 bbls. fluid left in csg. Total bbls. to recover is 484. Finish washing sand out to 6404', POH to 5144' and land tbg. to swab. Inject 5 bbls. 3% KCL wtr. into perfs., RU and swab perfs. 5144'-5152'. Made 15 swab runs, recovered 70 BW w/trace of oil and gas. Total fluid to recover is 414 bbls. SION. Daily:\$2,557. Cum:\$85,883.

## NGC COMPLETION

Pleasant Valley Prospect SWNE Sec.4-9S-16E, Duchesne Co., UT.  
 N.W. Monument Butte #42-4 Objective: Wasatch. AFE #84472. NGC  
 DEVELOPMENT W.I.-75%. Contractor: Olsen #5. Spud:  
 3/20/82.

05/14/82 PBDT 6404'. Day 9. Swab perfs. from 5144'-52'. CP-50 psi, TP-25 psi. Fluid level 500'. Made 24 swab runs, recovered 90 bbls. fluid - 80% oil. Fluid level at 4100', swab cups sanding up. Total fluid to recover is 324 bbls. SION. Daily:\$2,466. Cum:\$88,349.

05/15/82 PBDT 6404'. Day 10. Swab test perfs. from 5144'-52'. Tbg. landed at 5144', seat nipple at 5113'. Tried to swab - sanded out. Rev. circ. out sand w/120 bbls. 3% KCL wtr, made 15 swab runs, rec. 100 bbls. fluid - 95% wtr. and 5% oil. Fluid level at 3500'. Transferred 113.5 bbls. oil to 11-16 production tanks. Daily:\$2,412. Cum:\$90,761.

05/17/82 PBDT 6404'. Day 11. Swab test perfs. 5144'-5152'. CP-375 psi, TP-275 psi. Trying to flow oil. Made 12 swab runs and rec. 100 BO w/trace water (98% oil - 2% wtr.). Reverse circ. hole w/200 bbls. 3% KCL wtr. Fluid level at 4000' while swabbing. POH w/tbg. - PU Howco BV Bridge Plug 5 1/2", 17# cup type plug. TIH and set BP at 5054'. Test BP to 3000 psi for 15 min. (okay). Daily:\$2,901. Cum:\$93,362.

05/18/82 PBDT 6404'. Day 12. Swab test perfs. 4978'-4984'. POH w/tbg., RU Schlumberger to perf. - gun stopped at 4952'. TIH w/tbg. and move BP down to 5054'. Test BP to 3000 psi for 15 min. (okay). POH w/tbg. RU Schlumberger and perf. 4978'-4984', 3 SPF 90° phasing, 19 shots w/4" Hyper Jet II. TIH w/tbg. and land at 4954'. Seat nipple at 4923'. RU pump and brk. down perfs. Max. 1900 psi, avg. 900 psi, ISIP 100 psi, rate 3 BPM. Injected 5 bbls. 3% KCL wtr. into perfs. RU and swab. Made 5 swab runs, recov. 30 bbls. 3% KCL wtr. Fluid Level 1000'. SION. Daily:\$3,970. Cum:\$97,332.

05/19/82 PBDT 6404'. Day 13. MR Well Service. Swab test perfs. 4978'-4984'. CP-75#, TP-150#. Fluid level at 500'. Swab test perfs. from 4978'-4984'. Made 25 swab runs and recovered 95 bbls., 80% oil and 20% wtr. Fluid level at 3000'. POOH at 3:00 PM, prep to frac. SION. Daily:\$3,598. Cum:\$100,930.

05/20/82 PBDT 6404'. Day 14. Frac perfs. 4978'-4984'. 69,000# 20/40 sand into perfs. 27,630 gal. of Vers 1500 total fluid pumped. Avg. rate 25 BPM. Avg. psi 1750#. Max Rate 30BPM, max psi 4000#. SIP 5 min. 2100#, 10 min 1650#, 15 min 1500#. SION. Daily:\$31,177. Cum:\$132,107.

05/21/82 PBDT 6404'. Day 15. Swab perfs. 4978'-4984'. CP-350 psi. Opened well on 10/64" choke, psi 0 in 5 min. TIH w/tbg. to 4217', tagged sand (837' of fill), wash to 5054' (top of bridge plug), PU and land tbg. at 4954', Seat nipple at 4912'. Made 3 swab runs, rec. 20 BW. Tbg. swabbed off - reverse circ. tbg. SION. Daily:\$1,814. Cum:\$133,421.

05/22/82 PBDT 6404'. Day 16. Swab perfs. 4978'-4984'. CP-120 psi. TP-200 psi. FL surface. Made 20 swab runs, recovered 105 BW, oil and gas. FL at 2064'. Fluid 10% wtr., 30% oil. Enough gas to give trouble RIH w/swab. SION. Daily:\$2,282. Cum:\$136,203.

05/24/82 PBDT 6404'. Day 17. Swab perfs. 4978'-4984'. CP-400#, TP-400#. Fluid level at surface. Well flowing on 2" choke for 30 min., 3 bbls of oil. Made 19 swab runs, recovered 103 bbls. of oil and water. Drained 31 bbls. of water from storage tank. Fluid level at 2500'. SION. Daily:\$4,761. Cum:\$140,964.

05/25/82 PBDT 6404'. Day 18. Moved and tested BP at 4950'. CP-600 psi, TP-350 psi. Fluid at surface. Flowing well (in small heads). Well flowed for 1 1/2 hrs. Made swab runs, rec. 13 bbls. oil and wtr. FL at 2500'. Reverse circ. csg. w/200 bbls. 3% KCL wtr. and kill well. POH w/tbg. and PU retrieving tools for BP. TIH hole w/tbg and retrieving tools to 5054'. Latch onto BP and move up hole to 4950'. Test BP to 3000 psi for 15 min. - okay. SION. Daily:\$2,520. Cum:\$143,484.

05/26/82 PBDT 6404'. Day 19. Perf. 4763'-4881'. POH w/tbg. RU Schlumberger and perf. 4763'-4881' (13 shots). 4" Csg. Gun Hyper Jet II. Fill hole w/30 bbls. 3% KCL wtr. and inject 10 bbls. into perfs. Max. psi 1500, avg. 1500, ISIP 1200, 5 min. - 1000. Perfs. at 4763', 4766', 4767', 4826', 4829', 4830', 4831', 4832', 4834', 4838', 4839', 4880', and 4881'. 251 BO in frac. master being used for storage. Daily:\$5,053. Cum:\$148,510.

## NGC COMPLETION

Pleasant Valley Prospect  
N.W. Monument Butte #42-4  
DEVELOPMENT

SWNE Sec.4-9S-16E, Duchesne Co., UT.  
Objective: Wasatch. AFE #84472. NGC  
W.I.-75%. Contractor: Olsen #5. Spud:  
3/20/82.

- 05/27/82 PBTB 6404'. Day 20. Frac perms. 4763'-4881'. RU Howco and frac. 4763'-4881 (13 holes). Pump 2000 gals. 7 1/2% HCL w/2 gals. inhibitor, 1 gal. surf. p/1000 gals. and 19 1.1 ball sealers. Fluid 64,800 gals., 20/40 sand, 16,500#. ISIP-2130, 5 min. - 1990, 10 min. 1890, 15. min. - 1860. Avg. rate 31, avg. psi 2100. Max. rate 31, max. psi 3500. HHP 1448. SION. Daily:\$59,047. Cum:\$207,557.
- 05/28/82 PBTB 6404'. Day 21. Flow back after frac. CP-350 psi. 10/64" choke. Frac. fluid. Opened well for flow back at 7:00 A.M. Released 4 frac. tanks at 11:00 A.M. Shut well in for weekend. Daily:\$2,815. Cum:\$210,372.
- 06/02/82 PBTB 6404'. Day 22. Flow and swab test. CP-400#. Flowed well to frac. tank on 20/64" choke. Flowed 3 hrs. and recovered 25 bbls. oil and wtr. RIH to top of bridge plug w/2 3/8" tbg. and ret. tool, reversed out a very small amount of sand. Made 1 swab run and well started flowing, flowed 2 hrs. and recovered 15 bbls. oil and wtr. 40 bbls. recovered for day, 5 bbls. of that being oil. SION. Daily:\$2,701. Cum:\$213,073.
- 06/03/82 PBTB 6404'. Day 23. Retrieve BP, run Production. RIH w/2 3/8" tbg., latched on BP and went down to 6404', no sand fill. POOH, LD BP. RIH w/SN and anchor, tally was off 100'. POOH and SION. Daily: \$6,295. Cum: \$221,958.
- 06/04/82 PBTB 6404'. Day 24. Run production string. Check psi - 0. RIH w/notched collar, 1 jt. 2 3/8" tbg., 3' perf. sub, seat nipple, Baker tbg. anchor, and 154 jts. of 2 3/8" tbg. RU hot oiler and displaced hole w/diesel (hot). Well started flowing, couldn't land tbg. Well flowed back approx. 70 bbls. SION. Daily:\$2,669. Cum:\$224,627.
- 06/05/82 PBTB 6404'. Day 25. Run rods. Check psi - CP-100#, TP-0#. Bled psi off, set Baker anchor at 4748.74' w/14,000# tension. RD BOP's, RU wellhead. PU 2" X 1 1/2" X 16' Axelson pump; RIH w/pump, 9 sinker bars and 109 3/4" rods, eighty-seven 7/8" rods, tagged sand 75' above SN. Wouldn't circ. out. POH w/rods and tbg. SION. Daily:\$9,750. Cum:\$234,377.
- 06/06/82 PBTB 6404'. Day 26. Run rods. Check psi - TP-100#, CP-100#. Bled off psi, RIH w/169 jts. of 2 3/8" tbg. and displaced hole w/3% KCL wtr. POH; RIH w/notched collar, 1 jt., perf. sub 3', seat nipple, 14 jts., Baker Mdl. B-3, 45A anchor catcher, 154 jts. to surface. Set anchor w/14,000# tension. RU to run rods and pump. 2" X 1 1/2" X 16' pump w/113" max. stroke. RWAC 5' axite plunger .003 clearance. Run 109 3/4" rods, 86 7/8" rods, 9 sinker bars, one 6' 7/8" sub, one 4' 7/8" sub and one 22' polish rod; seated and pressured tbg. w/pump to 1000# - held good. SION. Daily:\$2,701. Cum:\$237,078.
- 06/07/82 W.O. production equipment. Drop from report.



DAILY WORKOVER REPORT

WELL NAME: Wells Draw 42-4-9-16 Report Date: Jan. 22, 2003 Day: 01  
Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg: 9 5/8 @ 307' Prod Csg: 5 1/2 @ 6487' WT: 17# Csg PBTD: 6404'  
Tbg: Size: 2 3/8 Wt: 4.7# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 6200'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
DS1 sds	4763' thru 4767'	1/3			
D1 sds	4826' thru 4839'	1/8			
D2 sds	4880-4881'	1/2			
C sds	4978-4984'	3/18			
B sds	5144-5152'	3/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Jan. 21, 2003 SITP: 0 SICP: 0

MIRU Pool #820. RD pumping unit. RU HO trk & pump 70 BW dn csg @ 250°F. Unseat rod pump & flush tbg & rods W/ 70 BW @ 250°F. Reseat pump & soft joint rod string. Strip off flow T. Fill tbg W/ 1 BW & pressure test to 3500 psi. Pressure bled off slowly to 0 psi. Retrieve rod string & unseat pump. TOH W/ rods (re-flush W/ 24 bbls halfway out). LD pump. Had rod cplg wear through most of the plain rods. ND wellhead. Release TA @ 4748'. NU BOP. TOH & talley production tbg--LD BHA. SIFN W/ est 165 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: 0  
Fluid lost/Recovered today: 165 Oil lost/recovered today: 0  
Ending fluid to be recovered: 165 Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

TUBING DETAIL

AS PULLED

KB	14.00'
153	2 3/8 J-55 tbg TA @ 4748'
15	2 3/8 J-55 tbg SN @ 5213'
1	2 3/8 J-55 tbg 2 3/8 NC @ 5244'

ROD DETAIL

AS PULLED

1	1 1/4" X 22' polished rod
	1-6', 1-4' & 1-2' X 7/8" pony rods
	86-7/8" scraped rods
	110-3/4" plain rods
	8-1 1/2" weight rods
	2" X 1 1/2" RWAC pump

COSTS

Pool rig	\$3,098
Weatherford BOP	\$130
IPC water & truck	\$500
IPC trucking	\$1,600
Zubiate HO trk	\$747
Randys pump repair	\$1,000
Weatherford scraper	\$300
Randys TA repair	\$300
IPC supervision	\$300

DAILY COST: \$7,975  
TOTAL WELL COST: \$7,975

Completion Supervisor: Gary Dietz





DAILY WORKOVER REPORT

WELL NAME: Wells Draw 42-4-9-16
Operation: Re-complete

Report Date: Jan. 24, 2003

Day: 03

Rig: Pool #820

WELL STATUS

Surf Csg: 9 5/8 @ 307' Prod Csg: 5 1/2 @ 6487' WT: 17# Csg PBTD: 6404'
Tbg: Size: 2 7/8" Wt: 6.5# Grd: N-80 Pkr/EOT @: 5855' BP/Sand PBTD: 6252'
BP/Sand PBTD: 6060'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Lists perforation details for GB4, PB7, DS1, D1, D2, D3, C, and B sds.

CHRONOLOGICAL OPERATIONS

Date Work Performed: Jan. 23, 2003

SITP: 0 SICP: 0

Con't TOH W/ N-80 tbg f/ 1580' - LD bit & scraper. RU Patterson WLT & run gamma correlation stip. Perf new intervals W/ 4" ported perf guns as follows: Stage #1: CP4 sds @ 5928-33' and BS @ 5998-6008', 6018-22' & 6035-40'; Stage #2: CP .5 sds @ 5691-5702' and CP2 sds @ 5764-74' & 5816-18'; Stage #3: A3 sds @ 5305-16'; Stage #4: D3 sds @ 4916-22' & 4930-36'; Stage #5: GB4 sds @ 4324-32' and PB7 sds @ 4466-75'. All 4 JSPF in 4 gun runs. RD WLT. TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & N-80 tbg. Set plug above perfs @ 4300'. Fill hole W/ 55 BW & pressure test plug, casing & BOP to 3000 psi. Set pkr @ 4273'. Pressure test tools to 1000 psi. Release tools & con't TIH. Set plug @ 6060'. Pull pkr up, install frac valve & subs & leave pkr unset W/ EOT @ 5855'. SIFN W/ est 300 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 245 Starting oil rec to date: 0
Fluid lost/recovered today: 55 Oil lost/recovered today: 0
Ending fluid to be recovered: 300 Cum oil recovered: 0
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:
Company:
Procedure or Equipment detail:

COSTS

Table with 2 columns: Item, Cost. Lists costs for Pool rig, Weatherford BOP, Patterson--perfs, Weatherford tools/serv, Fletcher-float rental, IPC supervision.

Max TP: Max Rate: Total fluid pmpd:
Avg TP: Avg Rate: Total Prop pmpd:
ISIP: 5 min: 10 min: FG:
Completion Supervisor: Gary Dietz

DAILY COST: \$13,394
TOTAL WELL COST: \$24,778



DAILY WORKOVER REPORT

WELL NAME: Wells Draw 42-4-9-16 Report Date: Jan. 25, 2003 Day: 04  
Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg: 9 5/8 @ 307' Prod Csg: 5 1/2 @ 6487' WT: 17# Csg PBDT: 6404'  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: N-80 Pkr/EOT @: 5850' BP/Sand PBDT: 6252'  
BP/Sand PBDT: 6060'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4324-4332'	4/32	A3 sds	NEW 5305-5316'	4/44
PB7 sds	NEW 4466-4475'	4/36	CP .5 sds	NEW 5691-5702'	4/44
DS1 sds	4763' thru 4767'	1/3	CP2 sds	NEW 5764-5774'	4/40
D1 sds	4826' thru 4839'	1/8	CP2 sds	NEW 5816-5818'	4/8
D2 sds	4880-4881'	1/2	CP4 sds	NEW 5928-5933'	4/20
D3 sds	NEW 4916-4922'	4/24	BS	NEW 5998-6008'	4/40
D3 sds	NEW 4930-4936'	4/24	BS	NEW 6018-6022'	4/16
C sds	4978-4984'	3/18	BS	NEW 6035-6040'	4/20
B sds	5144-5152'	3/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Jan. 24, 2003 SITP: 0 SICP: 0

Day 4(a):

Set pkr elements @ 5850' (EOT @ 5860'). Fill annulus W/ 20 BW & hold 100-200 psi diring frac (used 10 add'l BW). RU Schlumberger Pumping Services to tbg and frac new CP4/BS sds (5928' through 6040') W/ 50,473# 20/40 sand in 387 bbls YF 125 fluid. Perfs broke down @ 3275 psi. Treated @ ave press of 3962 psi W/ ave rate of 17.1 BPM. ISIP-2038 psi. RD Schlumberger. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone fowed 3 hrs & died. Rec 136 BTF (est 35% of frac load). Fill annulus & pressure up to 500 psi. PU on tbg & open bypass on pkr. Rev circ tbg clean. Release pkr & TIH W/ tbg. Tag sd @ 5899'. C/O sd to RBP @ 6060'. Circ hole clean. Lost est 20 BW. Release plug. Est 601 BWTR.

See day 4(b)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: <u>300</u>	Starting oil rec to date: <u>0</u>
Fluid lost/recovered today: <u>301</u>	Oil lost/recovered today: <u>0</u>
Ending fluid to be recovered: <u>601</u>	Cum oil recovered: <u>0</u>
IFL: _____ FFL: _____ FTP: _____	Choke: <u>12/64</u> Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: YF 125 Job Type: Sand frac  
 Company: Schlumberger  
 Procedure or Equipment detail: CP4 and BS sands  
\*\*PUMPED DOWN 2 7/8 N-80 TUBING\*\*  
2487 gals of pad  
1312 gals W/ 1 ppg of 20/40 sand  
3514 gals W/ 3 ppg of 20/40 sand  
5014 gals W/ 5 ppg of 20/40 sand  
2480 gals W/ 6 ppg of 20/40 sand  
Flush W/ 1432 gals of WF 110 fluid

COSTS

Pool rig	\$1,278
Weatherford BOP	\$130
Weatherford service	\$550
Schlumberger-CP/BS	NA
IPC frac valve rental	\$300
Betts frac wtr	\$600
IPC fuel gas	\$60
IPC supervision	\$150

\*\*SAND WAS RAMPED DURING JOB\*\*

Max TP: <u>6180</u>	Max Rate: <u>18.9 BPM</u>	Total fluid pmpd: <u>387 bbls</u>
Avg TP: <u>3962</u>	Avg Rate: <u>17.1 BPM</u>	Total Prop pmpd: <u>50,473#</u>
ISIP: <u>2038</u>	5 min: _____	10 min: _____
Completion Supervisor: <u>Gary Dietz</u>		FG: <u>.77</u>

DAILY COST: \$3,068  
 TOTAL WELL COST: \$27,846



ATTACHMENT G-1  
9 of 16

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 42-4-9-16 Report Date: Jan. 25, 2003 Day: 04  
Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg: 9 5/8 @ 307' Prod Csg: 5 1/2 @ 6487' WT: 17# Csg PBTD: 6404'  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: N-80 Pkr/EOT @: 5606' BP/Sand PBTD: 6252'  
BP/Sand PBTD: 5850'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4324-4332'	4/32	A3 sds	NEW 5305-5316'	4/44
PB7 sds	NEW 4466-4475'	4/36	CP .5 sds	NEW 5691-5702'	4/44
DS1 sds	4763' thru 4767'	1/3	CP2 sds	NEW 5764-5774'	4/40
D1 sds	4826' thru 4839'	1/8	CP2 sds	NEW 5816-5818'	4/8
D2 sds	4880-4881'	1/2	CP4 sds	NEW 5928-5933'	4/20
D3 sds	NEW 4916-4922'	4/24	BS	NEW 5998-6008'	4/40
D3 sds	NEW 4930-4936'	4/24	BS	NEW 6018-6022'	4/16
C sds	4978-4984'	3/18	BS	NEW 6035-6040'	4/20
B sds	5144-5152'	3/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Jan. 24, 2003 SITP: 0 SICP: 0

Day 4(b):

Pull tbg & tools uphole. Set plug @ 5850'. Set pkr elements @ 5606' (EOT @ 5616'). Fill annulus & hold 100-200 psi during frac (used add'l 10 BW). RU Schlumberger Pumping Services to tbg and frac new CP .5 & CP2 sds (5691' through 5818') W/ 59,956# 20/40 sand in 453 bbls YF 125 fluid. Perfs broke down @ 3170 psi. Treated @ ave press of 3637 psi W/ ave rate of 17.1 BPM. ISIP-1975 psi. RD Schlumberger. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 5 1/4 hrs & died. Rec 203 BTF (est 45% of frac load). SIFN W/ est 861 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 601 Starting oil rec to date: 0  
Fluid lost/recovered today: 260 Oil lost/recovered today: 0  
Ending fluid to be recovered: 861 Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: 12/64 Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

STIMULATION DETAIL

Base Fluid used: YF 125 Job Type: Sand frac  
Company: Schlumberger  
Procedure or Equipment detail: CP .5 and CP2 sands

\*\*PUMPED DOWN 2 7/8 N-80 TUBING\*\*

3023 gals of pad  
1612 gals W/ 1 ppg of 20/40 sand  
4217 gals W/ 3 ppg of 20/40 sand  
6014 gals W/ 5 ppg of 20/40 sand  
2790 gals W/ 6 ppg of 20/40 sand  
Flush W/ 1354 gals of WF 110 fluid

\*\*SAND WAS RAMPED DURING JOB\*\*

Max TP: 5598 Max Rate: 18.0 BPM Total fluid pmpd: 453 bbls  
Avg TP: 3637 Avg Rate: 17.1 BPM Total Prop pmpd: 59,956#  
ISIP: 1975 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .78  
Completion Supervisor: Gary Dietz

COSTS

Pool rig \$1,278  
RNI wtr transfer/disp \$400  
IPC flowback super \$200  
Schlumberger-CP.5/2 NA  
IPC frac valve rental \$300  
Betts frac wtr \$1,050  
IPC fuel gas \$60  
IPC supervision \$150

DAILY COST: \$3,438  
TOTAL WELL COST: \$31,284



DAILY WORKOVER REPORT

WELL NAME: Wells Draw 42-4-9-16 Report Date: Jan. 26, 2003 Day: 05  
Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg: 9 5/8 @ 307' Prod Csg: 5 1/2 @ 6487' WT: 17# Csg PBTD: 6404'  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: N-80 Pkr/EOT @: 5217' BP/Sand PBTD: 6252'  
BP/Sand PBTD: 5370'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4324-4332'	4/32	A3 sds	NEW 5305-5316'	4/44
PB7 sds	NEW 4466-4475'	4/36	CP .5 sds	NEW 5691-5702'	4/44
DS1 sds	4763' thru 4767'	1/3	CP2 sds	NEW 5764-5774'	4/40
D1 sds	4826' thru 4839'	1/8	CP2 sds	NEW 5816-5818'	4/8
D2 sds	4880-4881'	1/2	CP4 sds	NEW 5928-5933'	4/20
D3 sds	NEW 4916-4922'	4/24	BS	NEW 5998-6008'	4/40
D3 sds	NEW 4930-4936'	4/24	BS	NEW 6018-6022'	4/16
C sds	4978-4984'	3/18	BS	NEW 6035-6040'	4/20
B sds	5144-5152'	3/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Jan. 25, 2003 SITP: 0 SICP: 50

Day 5(a):

Thaw tbg stump W/ HO trk. Bleed est 5 BW off well (tr oil). Fill annulus W/ 55 BW & pressure up to 500 psi--open bypass on pkr. Rev circ tbg clean. Release pkr & TIH W/ tbg. Tag sd @ 5795'. C/O sd to RBP @ 5850'. Circ hole clean. Lost est 25 BW. Release plug. Pull tbg & tools uphole. Set plug @ 5370' & pkr elements @ 5217' (EOT @ 5227'). Fill annulus & hold 100-200 psi during frac (used 15 BW). RU Schlumberger Pumping Services to tbg and frac new A3 sds (5305-16') W/ 20,595# 20/40 sand in 177 bbls YF 125 fluid. Perfs broke down @ 5660 psi. Treated @ ave press of 3860 psi W/ ave rate of 16.5 BPM. ISIP-1945 psi. RD Schlumberger. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 1 1/2 hrs & died. Rec 60 BTF (est 34% of frac load). Fill annulus & pressure up to 500 psi. Open bypass on pkr & rev circ tbg clean. Release pkr & TIH W/ tbg. Tag sd @ 5325'. C/O sd to RBP @ 5370'. Circ hole clean. Lost est 15 BW. Release plug. Est 1083 BWTR.

See day 5(b)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 861 Starting oil rec to date: 0  
Fluid lost/recovered today: 222 Oil lost/recovered today: 0  
Ending fluid to be recovered: 1083 Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: 12/64 Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

STIMULATION DETAIL

Base Fluid used: YF 125 Job Type: Sand frac

Company: Schlumberger

Procedure or Equipment detail: A3 sands

**\*\*PUMPED DOWN 2 7/8 N-80 TUBING\*\***

- 985 gals of pad
- 536 gals W/ 1 ppg of 20/40 sand
- 1412 gals W/ 3 ppg of 20/40 sand
- 2010 gals W/ 5 ppg of 20/40 sand
- 1204 gals W/ 6 ppg of 20/40 sand
- Flush W/ 1278 gals of WF 110 fluid

**\*\*SAND WAS RAMPED DURING JOB\*\***

Max TP: 5832 Max Rate: 19.1 BPM Total fluid pmpd: 177 bbls  
Avg TP: 3860 Avg Rate: 16.5 BPM Total Prop pmpd: 20,595#  
ISIP: 1945 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .80  
Completion Supervisor: Gary Dietz

COSTS

Pool rig	\$872
Weatherford BOP	\$130
Weatherford service	\$550
Schlumberger-A3	NA
IPC frac valve rental	\$300
Betts frac wtr	\$300
IPC fuel gas	\$60
Zubiate HO trk	\$200
IPC supervision	\$100

DAILY COST: \$2,512  
TOTAL WELL COST: \$33,796



DAILY WORKOVER REPORT

WELL NAME: Wells Draw 42-4-9-16

Report Date: Jan. 26, 2003

Day: 05

Operation: Re-complete

Rig: Pool #820

WELL STATUS

Surf Csg: 9 5/8 @ 307' Prod Csg: 5 1/2 @ 6487' WT: 17# Csg PBDT: 6404'  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: N-80 Pkr/EOT @: 4900' BP/Sand PBDT: 6252'  
BP/Sand PBDT: 4965'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4324-4332'	4/32	A3 sds	NEW 5305-5316'	4/44
PB7 sds	NEW 4466-4475'	4/36	CP .5 sds	NEW 5691-5702'	4/44
DS1 sds	4763' thru 4767'	1/3	CP2 sds	NEW 5764-5774'	4/40
D1 sds	4826' thru 4839'	1/8	CP2 sds	NEW 5816-5818'	4/8
D2 sds	4880-4881'	1/2	CP4 sds	NEW 5928-5933'	4/20
D3 sds	NEW 4916-4922'	4/24	BS	NEW 5998-6008'	4/40
D3 sds	NEW 4930-4936'	4/24	BS	NEW 6018-6022'	4/16
C sds	4978-4984'	3/18	BS	NEW 6035-6040'	4/20
B sds	5144-5152'	3/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Jan. 25, 2003

SITP: 0 SICP: 0

Day 5(b):

Pull tbg & tools uphole. Set plug @ 4965' & pkr elements @ 4900' (EOT @ 4910'). Fill annulus & hold 100-200 psi during frac (used 5 BW). RU Schlumberger Pumping Services to tbg and frac new D3 sds (4916' through 4936') W/ 25,002# 20/40 sand in 211 bbls YF 125 fluid. Perfs broke down @ 1500 psi. Treated @ ave press of 4063 psi W/ ave rate of 16.8 BPM. ISIP-2830 psi. Appeared to have communication W/ upper perfs during flush, but did complete flush stage. Bled annulus off and flow remained @ 1 BPM or greater. Bled tbg off (W/O chokes) and recovered approx. 20 BW. Fill annulus & pressure up to 500 psi. Open bypass on pkr & rev circ tbg clean. Release pkr with slight difficulties & TIH W/ tbg. Did not tag solid sd on RBP @ 4965'. Circ hole clean (rec some gel/sand slurry). Lost no wtr this C/O. Release plug. Est 1279 BWTR.

See day 5(c)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1083 Starting oil rec to date: 0  
Fluid lost/recovered today: 196 Oil lost/recovered today: 0  
Ending fluid to be recovered: 1279 Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

STIMULATION DETAIL

Base Fluid used: YF 125 Job Type: Sand frac  
Company: Schlumberger  
Procedure or Equipment detail: D3 sands

COSTS

Pool rig \$872  
Schlumberger-D3 NA  
IPC frac valve rental \$300  
Betts frac wtr \$450  
IPC fuel gas \$60  
IPC supervision \$100

\*\*PUMPED DOWN 2 7/8 N-80 TUBING\*\*

1285 gals of pad  
906 gals W/ 1 ppg of 20/40 sand  
1813 gals W/ 3 ppg of 20/40 sand  
2310 gals W/ 5 ppg of 20/40 sand  
1401 gals W/ 6 ppg of 20/40 sand  
Flush W/ 1153 gals of WF 110 fluid

\*\*SAND WAS RAMPED DURING JOB\*\*

Max TP: 4807 Max Rate: 18.1 BPM Total fluid pmpd: 211 bbls  
Avg TP: 4063 Avg Rate: 16.8 BPM Total Prop pmpd: 25,002#  
ISIP: 2830 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: 1.0  
Completion Supervisor: Gary Dietz

DAILY COST: \$1,782  
TOTAL WELL COST: \$35,578



DAILY WORKOVER REPORT

WELL NAME: Wells Draw 42-4-9-16

Report Date: Jan. 26, 2003

Day: 05

Operation: Re-complete

Rig: Pool #820

WELL STATUS

Surf Csg: 9 5/8 @ 307' Prod Csg: 5 1/2 @ 6487' WT: 17# Csg PBTD: 6404'
Tbg: Size: 2 7/8" Wt: 6.5# Grd: N-80 Pkr/EOT @: 0 BP/Sand PBTD: 6252'
BP/Sand PBTD: 4573'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Lists perforation data for GB4, PB7, DS1, D1, D2, D3, C, and B sds.

CHRONOLOGICAL OPERATIONS

Date Work Performed: Jan. 25, 2003

SITP: 0 SICP: 0

Day 5(c):

Pull tbg & tools uphole. Set plug @ 4573' & pkr elements @ 4499'. Pressure test plug to 2000 psi. Release pkr. TOH W/ tbg & LD pkr. NU isolation tool. RU Schlumberger Pumping Services to tbg and frac new GB4 & PB7 sds (4324' through 4475') W/ 61,399# 20/40 sand in 478 bbls YF 125 fluid. Perfs broke down @ 3920 psi. Treated @ ave press of 2493 psi W/ ave rate of 18.7 BPM. ISIP-2828 psi. RD Schlumberger. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 6 hrs & died. Rec 246 BTF (est 51% of frac load). SIFN W/ est 1511 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1279 Starting oil rec to date: 0
Fluid lost/recovered today: 232 Oil lost/recovered today: 0
Ending fluid to be recovered: 1511 Cum oil recovered: 0
IFL: FFL: FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: YF 125 Job Type: Sand frac
Company: Schlumberger
Procedure or Equipment detail: GB4 & PB7 sands

COSTS

Pool rig \$872
IPC frac wtr (trucked) \$300
IPC flowback super \$250
Schlumberger-fracs \$58,610
IPC frac tks (5X5 dys) \$1,000
RNI disposal \$400
Betts frac wtr \$600
IPC fuel gas \$60
IPC supervision \$100

\*\*PUMPED DOWN 5 1/2" 17# casing\*\*

3015 gals of pad
2109 gals W/ 1 ppg of 20/40 sand
3919 gals W/ 3 ppg of 20/40 sand
4814 gals W/ 6.5 ppg of 20/40 sand
2124 gals W/ 8 ppg of 20/40 sand
Flush W/ 4093 gals of WF 110 fluid

\*\*SAND WAS RAMPED DURING JOB\*\*

Max TP: 2982 Max Rate: 20.2 BPM Total fluid pmpd: 478 bbls
Avg TP: 2493 Avg Rate: 18.7 BPM Total Prop pmpd: 61,399#
ISIP: 2828 5 min: 10 min: FG: 1.07
Completion Supervisor: Gary Dietz

DAILY COST: \$62,192
TOTAL WELL COST: \$97,770



DAILY WORKOVER REPORT

WELL NAME: Wells Draw 42-4-9-16 Report Date: Jan. 28, 2003 Day: 06  
Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg: 9 5/8 @ 307' Prod Csg: 5 1/2 @ 6487' WT: 17# Csg PBTD: 6404'  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: N-80 Pkr/EOT @: 6115' BP/Sand PBTD: 6244'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4324-4332'	4/32	A3 sds	NEW 5305-5316'	4/44
PB7 sds	NEW 4466-4475'	4/36	CP .5 sds	NEW 5691-5702'	4/44
DS1 sds	4763' thru 4767'	1/3	CP2 sds	NEW 5764-5774'	4/40
D1 sds	4826' thru 4839'	1/8	CP2 sds	NEW 5816-5818'	4/8
D2 sds	4880-4881'	1/2	CP4 sds	NEW 5928-5933'	4/20
D3 sds	NEW 4916-4922'	4/24	BS	NEW 5998-6008'	4/40
D3 sds	NEW 4930-4936'	4/24	BS	NEW 6018-6022'	4/16
C sds	4978-4984'	3/18	BS	NEW 6035-6040'	4/20
B sds	5144-5152'	3/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Jan. 27, 2003 SITP: \_\_\_\_\_ SICP: 500

Thaw isolation tool & wellhead W/ HO trk. Bleed pressure off well. Rec est 10 BTF (tr oil). ND isolation tool. TIH W/ RH & N-80 tbg. Tbg displaced 10 BW on TIH. Tag sd @ 4503'. C/O sd to RBP @ 4573'. Circ hole clean W/ 65 BW lost. Release plug. TOH W/ tbg--LD plug. TIH W/ NC & N-80 tbg. Tag fill @ 6244'. Pull EOT to 6115'. RU swab equip. IFL @ 950'. Made 3 swb runs & rec 12 BW. FFL @ 1000'. SIFN W/ est 1534 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1511 Starting oil rec to date: 0  
Fluid lost/recovered today: 23 Oil lost/recovered today: 0  
Ending fluid to be recovered: 1534 Cum oil recovered: 0  
IFL: 950' FFL: 1000' FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: 0

STIMULATION DETAIL

Base Fluid used: \_\_\_\_\_ Job Type: \_\_\_\_\_  
Company: \_\_\_\_\_  
Procedure or Equipment detail:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COSTS

Pool rig	\$2,389
Weatherford BOP	\$130
IPC wtr transfer	\$300
RNI wtr disposal	\$400
Zubiate HO trk	\$250
IPC supervision	\$300
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_  
Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_  
ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: \_\_\_\_\_  
Completion Supervisor: Gary Dietz

DAILY COST: \$3,769  
TOTAL WELL COST: \$101,539



ATTACHMENT G-1  
14 of 16

DAILY WORKOVER REPORT

WELL NAME: Wells Draw 42-4-9-16 Report Date: Jan. 29, 2003 Day: 07  
Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg: 9 5/8 @ 307' Prod Csg: 5 1/2 @ 6487' WT: 17# Csg PBTD: 6404'  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: N-80 Pkr/EOT @: 4824' BP/Sand PBTD: 6242'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4324-4332'	4/32	A3 sds	NEW 5305-5316'	4/44
PB7 sds	NEW 4466-4475'	4/36	CP .5 sds	NEW 5691-5702'	4/44
DS1 sds	4763' thru 4767'	1/3	CP2 sds	NEW 5764-5774'	4/40
D1 sds	4826' thru 4839'	1/8	CP2 sds	NEW 5816-5818'	4/8
D2 sds	4880-4881'	1/2	CP4 sds	NEW 5928-5933'	4/20
D3 sds	NEW 4916-4922'	4/24	BS	NEW 5998-6008'	4/40
D3 sds	NEW 4930-4936'	4/24	BS	NEW 6018-6022'	4/16
C sds	4978-4984'	3/18	BS	NEW 6035-6040'	4/20
B sds	5144-5152'	3/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Jan. 28, 2003 SITP: 0 SICP: 0

Continue swabbing well for cleanup. IFL @ 1250'. Made 21 swab runs rec 150 BTF (est 135 BW & 15 BO) W/ moderate gas. FFL maintaining 2300' last 8 runs. Had sm tr sd on early runs and no sand last 5 runs. FOC @ 25%. TIH W/ tbg. Tag sd @ 6244' (2' new fill). TOH & LD 44 jts frac tbg. SIFN W/ EOT @ 4824'. Est 1399 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1534 Starting oil rec to date: 0  
Fluid lost/recovered today: 135 Oil lost/recovered today: 15  
Ending fluid to be recovered: 1399 Cum oil recovered: 15  
IFL: 1250' FFL: 2300' FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: 25%

STIMULATION DETAIL

Base Fluid used: \_\_\_\_\_ Job Type: \_\_\_\_\_  
Company: \_\_\_\_\_  
Procedure or Equipment detail:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COSTS

Pool rig \$2,599  
Weatherford BOP \$130  
IPC supervision \$300  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_  
Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_  
ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: \_\_\_\_\_  
Completion Supervisor: Gary Dietz

DAILY COST: \$3,029  
TOTAL WELL COST: \$104,568



**DAILY WORKOVER REPORT**

WELL NAME: Wells Draw 42-4-9-16 Report Date: Jan. 30, 2003 Day: 08  
 Operation: Re-complete Rig: Pool #820

**WELL STATUS**

Surf Csg: 9 5/8 @ 307' Prod Csg: 5 1/2 @ 6487' WT: 17# Csg PBDT: 6404'  
 Tbg: Size: 2 3/8" Wt: 4.7# Grd: J-55 Anchor @: 5971' BP/Sand PBDT: 6242'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4324-4332'	4/32	A3 sds	NEW 5305-5316'	4/44
PB7 sds	NEW 4466-4475'	4/36	CP .5 sds	NEW 5691-5702'	4/44
DS1 sds	4763' thru 4767'	1/3	CP2 sds	NEW 5764-5774'	4/40
D1 sds	4826' thru 4839'	1/8	CP2 sds	NEW 5816-5818'	4/8
D2 sds	4880-4881'	1/2	CP4 sds	NEW 5928-5933'	4/20
D3 sds	NEW 4916-4922'	4/24	BS	NEW 5998-6008'	4/40
D3 sds	NEW 4930-4936'	4/24	BS	NEW 6018-6022'	4/16
C sds	4978-4984'	3/18	BS	NEW 6035-6040'	4/20
B sds	5144-5152'	3/24			

**CHRONOLOGICAL OPERATIONS**

Date Work Performed: Jan. 29, 2003 SITP: 0 SICP: 25

Bleed gas off well. Con't TOH & LD frac tbg & NC f/ 4824'. TIH W/ revised BHA & production tbg as follows: 2 3/8 NC, 2 jts tbg, new SN, 2 jts tbg, repaired Randys' 5 1/2" TA (45K) & 193 jts 2 3/8 8rd 4.7# J-55 tbg. Btm 41 jts above SN are used/inspected tbg. ND BOP. Set TA @ 5971' W/ SN @ 6038' & EOT @ 6102'. Land tbg W/ 14,000# tension. NU wellhead. SIFN W/ est 1399 BWTR.

**FLUID RECOVERY (BBLs)**

Starting fluid load to be recovered: 1399 Starting oil rec to date: 15  
 Fluid lost/recovered today: 0 Oil lost/recovered today: 0  
 Ending fluid to be recovered: 1399 Cum oil recovered: 15  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

**TUBING DETAIL**

**ROD DETAIL**

**COSTS**

KB	14.00'		Pool rig	\$2,225
193	2 3/8 J-55 tbg (5956.99')		Weatherford BOP	\$130
	TA (2.75' @ 5970.99' KB)		Randys SN	\$70
2	2 3/8 J-55 tbg (64.15')		Frac tbg rental (7 dys)	\$3,241
	SN (1.10' @ 6037.89' KB)		Zubiate HO trk	\$450
2	2 3/8 J-55 tbg (62.18')		IPC supervision	\$300
	2 3/8 NC (.38')			
EOT	6101.55' W/ 14' KB			

Completion Supervisor: Gary Dietz

DAILY COST: \$6,416  
 TOTAL WELL COST: \$110,984



DAILY WORKOVER REPORT

WELL NAME: Wells Draw 42-4-9-16  
Operation: Re-complete

Report Date: Jan. 31, 2003

Day: 09

Rig: Pool #820

WELL STATUS

Surf Csg: 9 5/8 @ 307' Prod Csg: 5 1/2 @ 6487' WT: 17# Csg PBTD: 6404'  
Tbg: Size: 2 3/8" Wt: 4.7# Grd: J-55 Anchor @: 5971' BP/Sand PBTD: 6242'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4324-4332'	4/32	A3 sds	NEW 5305-5316'	4/44
PB7 sds	NEW 4466-4475'	4/36	CP .5 sds	NEW 5691-5702'	4/44
DS1 sds	4763' thru 4767'	1/3	CP2 sds	NEW 5764-5774'	4/40
D1 sds	4826' thru 4839'	1/8	CP2 sds	NEW 5816-5818'	4/8
D2 sds	4880-4881'	1/2	CP4 sds	NEW 5928-5933'	4/20
D3 sds	NEW 4916-4922'	4/24	BS	NEW 5998-6008'	4/40
D3 sds	NEW 4930-4936'	4/24	BS	NEW 6018-6022'	4/16
C sds	4978-4984'	3/18	BS	NEW 6035-6040'	4/20
B sds	5144-5152'	3/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Jan. 30, 2003

SITP: 0 SICP: 0

Pick up & prime Randy's 2' x 1 1/2" x 16' RWAC pump. TIH w/ rod string as follows: 8- 11/2" weight rods, 10- 3/4" scraped rods, 137 -3/4" plain rods, 84 -7/8" scraped rods, 1-2', 1-6'x7/8" pony rods, 1 1/4" x 26' polished rod. RU pumping unit. Fill tbg w/ 7 BW. Test tbg to 200 psi & Stroke unit up to 800 psi. Place well on production @ 12:00 pm w/ 55 SL @ 6 SPM. Est 1406 BWTR. RDMO. Final Report.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: <u>1399</u>	Starting oil rec to date: <u>15</u>
Fluid lost/recovered today: <u>7</u>	Oil lost/recovered today: <u>0</u>
Ending fluid to be recovered: <u>1406</u>	Cum oil recovered: <u>15</u>
IFL: _____ FFL: _____ FTP: _____	Choke: _____
	Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

COSTS

TUBING DETAIL	ROD DETAIL	COSTS
KB 14.00'	1 1/4" x 26' polished rod	Pool rig \$1,715
193 2 3/8 J-55 tbg (5956.99')	1 -2', 1 - 6' x 3/4" pony rods	IPC swab tanks (2) \$810
TA (2.75' @ 5970.99' KB)	84 -7/8" scraped rods	RNI water disposal \$300
2 2 3/8 J-55 tbg (64.15')	137 - 3/4" plain rods	Mt west sanitation \$300
SN (1.10' @ 6037.89' KB)	10 -3/4" scraped rods	Zubiate HO trk \$675
2 2 3/8 J-55 tbg (62.18')	8 -1 1/2" weight rods	IPC supervision \$300
2 3/8 NC (.38')	Randy's 2" x 1 1/2" x 16'	Rod rotator \$500
EOT 6101.55' W/ 14' KB	RWAC pump	IPC Trucking \$400

Completion Supervisor: Ray Herrera

DAILY COST: \$5,000  
TOTAL WELL COST: \$115,984

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4274'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 210' balance plug using 24 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Perforate 4 JSPF @ 1680'
5. Plug #3 120' plug covering Uinta/Green River formation using 25sx Class "G" cement pumped under CICR and out perforations. Follow using 7 sx Class "G" cement pumped on top of CICR
6. Perforate 4 JSPF @ 357'
7. Plug #4 Circulate 100 sx Class "G" cement down 5 1/2" casing and up the 5-1/2" x 9-5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

## Federal #42-4-9-16

Spud Date: 3/20/82  
 Put on Production: 6/22/82  
 GL: 5627' KB: 5641'

Initial Production: 121 BOPD, 430 MCFD  
 10 BWPD

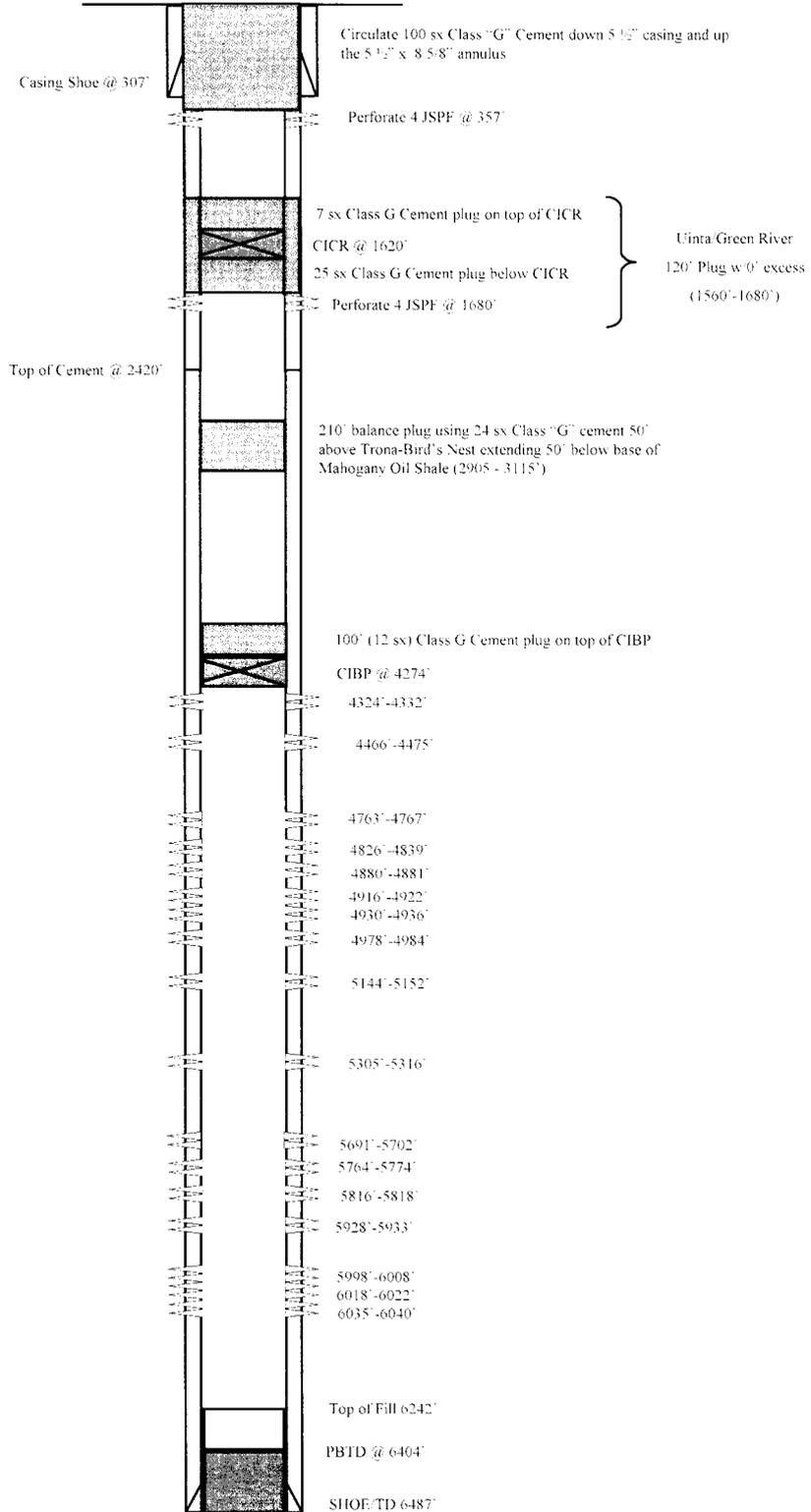
### Proposed P & A Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 9-5/8"  
 GRADE: K-55  
 WEIGHT: 36#  
 LENGTH: 8 JTS  
 DEPTH LANDED: 307'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 165 skx Class "G" cement

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: N-80  
 WEIGHT: 17#  
 LENGTH: 165 jts  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 720 skx Ideal "G"  
 CEMENT TOP AT: 2420'  
 SET AT: 6483'



**Federal #42-4-9-16**  
 2135' FNL 515' FEL  
 SE/NE Section 4-T9S-R16E  
 Duchesne Co. Utah  
 API #43-013-30638; Lease #UTU-30096

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 area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2135 FNL 515 FEL  
SENE Section 4 T9S R16E

5. Lease Serial No.

USA UTU-30096

6. If Indian, Allottee or Tribe Name.

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

GMBU

8. Well Name and No.

FEDERAL 42-4

9. API Well No.

4301330638

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 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 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.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Title

Regulatory Technician

Jill Lovle  
Signature

Date

03/11/2011

**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

Date

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)

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-374

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTIONS 3, 4, 9, 10, AND 18, TOWNSHIP 9 SOUTH, RANGE 16 EAST, 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 Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Wells Draw 16-32-8-16 well located in SE/4 SE/4, Section 32, Township 8 South, Range 16 East  
South Wells Draw 12-3-9-16 well located in NW/4 SW/4, Section 3, Township 9 South, Range 16 East  
Monument Federal 13-4-9-16 well located in NW/4 SW/4, Section 4, Township 9 South, Range 16 East  
Federal 42-4 well located in SE/4 NE/4, Section 4, Township 9 South, Range 16 East  
South Wells Draw Federal 8-9-9-16 well located in SE/4 NE/4, Section 9, Township 9 South, Range 16 East  
South Wells Draw 2-10-9-16 well located in NW/4 NE/4, Section 10, Township 9 South, Range 16 East  
West Point Federal 6-18-9-16 well located in SE/4 NW/4, Section 18, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield 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. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. 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 28th day of March, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

  
\_\_\_\_\_  
Brad Hill  
Permitting Manager

**Newfield Production Company**

**WELLS DRAW 16-32-8-16, SOUTH WELLS DRAW 12-3-9-16,  
MONUMENT FEDERAL 13-4-9-16, FEDERAL 42-4,  
SOUTH WELLS DRAW FEDERAL 8-9-9-16, SOUTH WELLS DRAW 2-10-9-16,  
WEST POINT FEDERAL 6-18-9-16**

**Cause No. UIC-374**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [legals@ubstandard.com](mailto:legals@ubstandard.com)

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

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

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

SITLA  
675 East 500 South  
Salt Lake City, UT 84102-2818

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



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*

March 29, 2011

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-374

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** <jsweet@utah.gov>  
**Date:** 3/30/2011 4:54 PM  
**Subject:** Notice of Agency Action UIC-374

This will be published April 5, 2011.  
Thank you  
Cindy



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*

March 29, 2011

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-374

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



**Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-374**

---

**From:** "NAC Legal" <naclegal@mediaoneutah.com>  
**To:** "Jean Sweet" <jsweet@utah.gov>  
**Date:** 3/29/2011 12:10 PM  
**Subject:** RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-374

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Ad #677444 is scheduled to run April 1st in Deseret News, Salt Lake Tribune and Online. The total cost is \$236.84.

The combined readership of our papers for print and online is 700,437 on weekdays, and 852,670 on Sunday, giving you the most views possible for your notice.

Please check the ad in the papers.

Thank you,

Lynn Valdez

MediaOne of Utah,

a Newspaper Agency Company

4770 South 5600 West

West Valley City, Utah 84118

Ph.: 801-204-6245

Email: naclegal@mediaoneutah.com

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**From:** Jean Sweet [mailto:jsweet@utah.gov]

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Federal 42-4-9-16

**Location:** 4/9S/16E      **API:** 43-013-30638

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). 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 Greater Monument Butte 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 307 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,483 feet. A cement bond log demonstrates adequate bond in this well up to about 2,810 feet. A 2 7/8 inch tubing with a packer will be set at 4,274 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 9 producing wells and 7 injection wells in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. Also, there is 1 producing well with a surface location outside the AOR and a bottom hole location inside the AOR. In addition, there is 1 currently permitted surface location outside the AOR from which a well will be directionally drilled to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval. Inasmuch as some logs are of dubious quality or do not exhibit conclusive cement tops, it has been necessary to calculate approximate tops for "lite" cement, based on the cement indicated in the well completion report.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1300 feet. Injection shall be limited to the interval between 4,117 feet and 6,227 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 42-4-9-16 well is 0.80 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,911 psig. The requested maximum pressure is 1,911 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 42-4-9-16**

**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. 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): Mark Reinbold

Date 3/29/2011



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

May 18, 2011

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 42-4, Section 4, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-30638

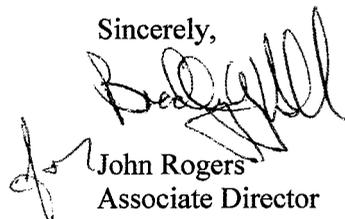
Gentlemen:

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 Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,



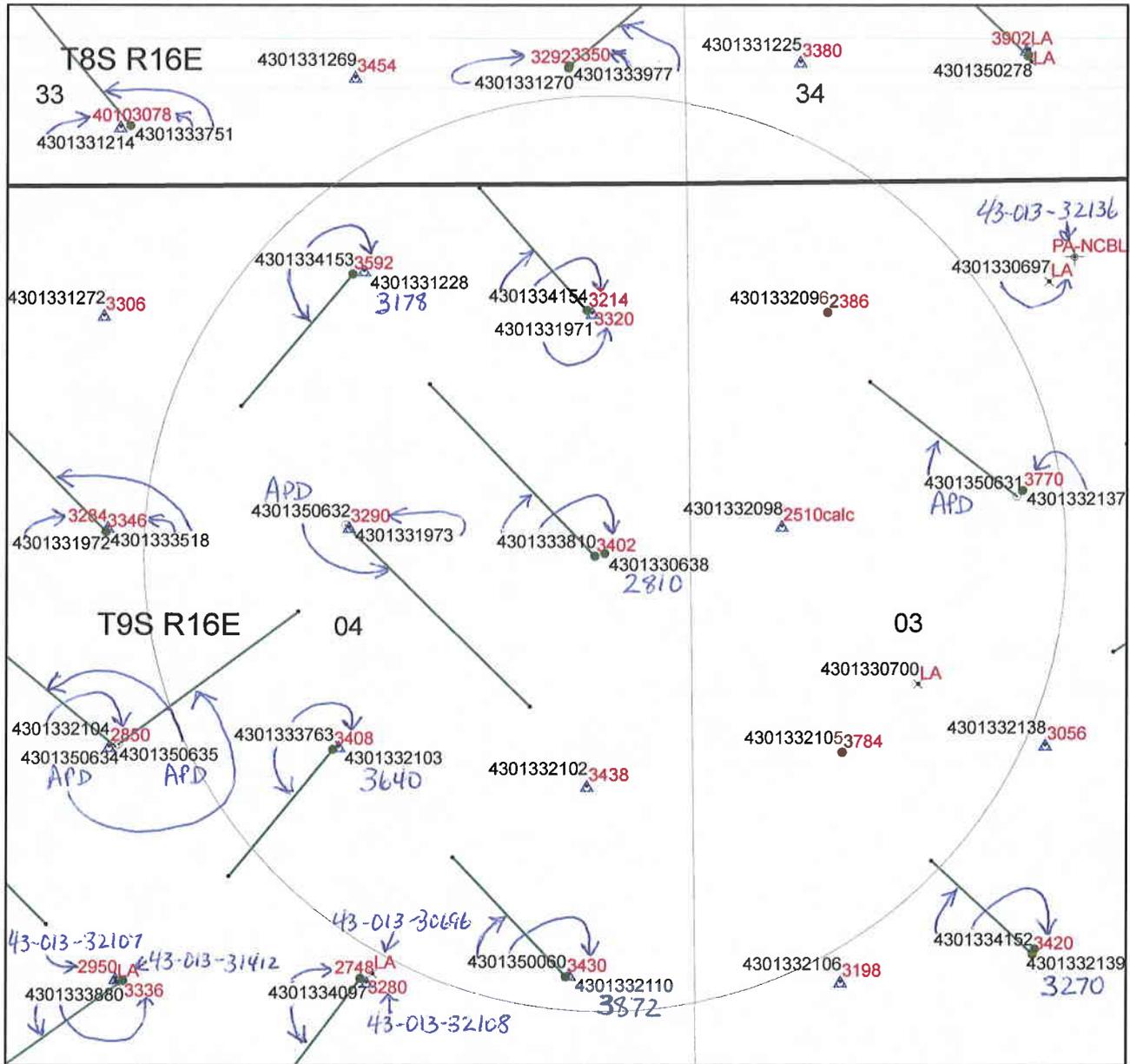
John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





# Cement Bond Tops FEDERAL 42-4-9-16 API #43-013-30638 UIC-374.7

**Legend**

- |  |                                     |
|--|-------------------------------------|
| Buffer_of_SGID93_ENERGY_DNROIGasWells_34 | PRODUCING GAS                       |
| SGID93 BOUNDARIES Counties               | PRODUCING OIL                       |
| SGID93 CADASTRE PLSSTownships_GCDB       | SHUT-IN GAS                         |
| SGID93 CADASTRE PLSSections_GCDB         | SHUT-IN OIL                         |
| GAS INJECTION                            | TEMP ABANDONED                      |
| TW                                       | TEST WELL                           |
| TA                                       | WATER INJECTION                     |
| OPS                                      | WATER SUPPLY                        |
| GS                                       | WATER DISPOSAL                      |
| APD                                      | DRILLING                            |
| PA                                       | RETURNED GAS                        |
| LA                                       | RETURNED OIL                        |
| GAS STORAGE                              | GAS INJECTION SI                    |
| LOCATION ABANDONED                       | WATER DISP SUSP                     |
| NEW LOCATION                             | WATER INJ SUSP                      |
| PLUGGED & ABANDONED                      | Wells-CbtopsMaster4_4_11            |
|  | SGID93.ENERGY.DNROI GasWells_HDPATH |



1870calc = approx cement top calculated from well completion report



4770 S. 5600 W.  
P.O. BOX 704005  
WEST VALLEY CITY, UTAH 84170  
FED.TAX I.D.# 87-0217663

**The Salt Lake Tribune**  
www.sltrib.com

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www.deseretnews.com

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING,  1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	RECEIVED 9001402352  APR 19 2011	4/4/2011

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE	AD ORDER #	INVOICE NUMBER	
8015385340	0000677444	/	
SCHEDULE			
Start 04/01/2011		End 04/01/2011	
CUST. REF. NO.			
Cause # UIC-374			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES			
SIZE			
69	Lines	2.00	COLUMN
TIMES	RATE		
4			
MISC. CHARGES	AD. CHARGES		
TOTAL COST			
236.84			

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-374

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTIONS 3, 4, 9, 10, AND 18, TOWNSHIP 9 SOUTH, RANGE 16 EAST, 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 Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:  
Wells Draw 16-32-8-16 well located in SE/4 SE/4, Section 32, Township 8 South, Range 16 East  
South Wells Draw 12-3-9-16 well located in NW/4 SW/4, Section 3, Township 9 South, Range 16 East  
Monument Federal 13-4-9-16 well located in NW/4 SW/4, Section 4, Township 9 South, Range 16 East  
Federal 42-4 well located in SE/4 NE/4, Section 4, Township 9 South, Range 16 East  
South Wells Draw Federal 8-9-9-16 well located in SE/4 NE/4, Section 9, Township 9 South, Range 16 East  
South Wells Draw 2-10-9-16 well located in NW/4 NE/4, Section 10, Township 9 South, Range 16 East  
West Point Federal 6-18-9-16 well located in SE/4 NW/4, Section 18, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield 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. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. 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 28th day of March, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/ Brad Hill  
Brad Hill  
Permitting Manager

AFFIDAVIT OF PUBLICATION

677444

UPAXLP

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-374 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 04/01/2011 End 04/01/2011

SIGNATURE

*Wesley Torres*

VIRGINIA CRAFT  
Notary Public, State of Utah  
Commission # 48-1189  
My Commission Expires  
January 12, 2014

*Virginia Craft*

4/4/2011

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

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 5 day of April, 20 11, and that the last publication of such notice was in the issue of such newspaper dated the 5 day of April, 20 11, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Geoff Liesik  
Editor

Subscribed and sworn to before me this

5 day of April, 20 11

Bonnie Parrish  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-374

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH  
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTIONS 3, 4, 9, 10,

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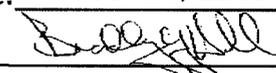
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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-30096																														
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)																														
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 42-4																															
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013306380000																															
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE																														
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2135 FNL 0515 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 04 Township: 09.0S Range: 16.0E Meridian: S	<b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH																															
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>																																
<b>TYPE OF SUBMISSION</b>  <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/11/2013  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<b>TYPE OF ACTION</b>  <table style="width:100%; border: none;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input checked="" type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input checked="" type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>																														
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> The subject well has been converted from a producing oil well to an injection well on 09/09/2013. On 09/10/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/11/2013 the casing was pressured up to 1510 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test.																																
		Accepted by the <b>Utah Division of                  Oil, Gas and Mining</b>  <b>Date:</b> <u>October 24, 2013</u>  <b>By:</b> <u></u>																														
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician																														
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/13/2013																															

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 9/11/13 Time 9:00 am pm

Test Conducted by: Britt Jensen

Others Present: \_\_\_\_\_

Well: <u>Federal 42-40-9-16</u>	Field: <u>GMBU</u>
Well Location: <u>SE/NE Sec. 4, T9S, R16E</u>	API No: <u># 43-013-30638</u>

CONVERSION MIT

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1510</u>	psig
5	<u>1510</u>	psig
10	<u>1510</u>	psig
15	<u>1510</u>	psig
20	<u>1510</u>	psig
25	<u>1510</u>	psig
30 min	<u>1510</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 100 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Britt Jensen



## Daily Activity Report

Format For Sundry  
FEDERAL 42-4-9-16  
7/1/2013 To 11/30/2013

9/5/2013 Day: 1

Conversion

NC #3 on 9/5/2013 - RD pumping unit, work to pullv pump off seat. - 4:00PM-5:00PM Rig Move, 5:00PM MIRU NC#3, OWU, R/D Pmp Unit, R/U Preferred H/Oiler To Csg, Pmp 60BW @ 250\*, Was Not Circulating, Work To Pull Pmp Off Seat W/ No Luck, Worked The Polish Rod Out Of The Hole, L/D Polish Rod, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 4:00PM-5:00PM Rig Move, 5:00PM MIRU NC#3, OWU, R/D Pmp Unit, R/U Preferred H/Oiler To Csg, Pmp 60BW @ 250\*, Was Not Circulating, Work To Pull Pmp Off Seat W/ No Luck, Worked The Polish Rod Out Of The Hole, L/D Polish Rod, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 4:00PM-5:00PM Rig Move, 5:00PM MIRU NC#3, OWU, R/D Pmp Unit, R/U Preferred H/Oiler To Csg, Pmp 60BW @ 250\*, Was Not Circulating, Work To Pull Pmp Off Seat W/ No Luck, Worked The Polish Rod Out Of The Hole, L/D Polish Rod, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 4:00PM-5:00PM Rig Move, 5:00PM MIRU NC#3, OWU, R/D Pmp Unit, R/U Preferred H/Oiler To Csg, Pmp 60BW @ 250\*, Was Not Circulating, Work To Pull Pmp Off Seat W/ No Luck, Worked The Polish Rod Out Of The Hole, L/D Polish Rod, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 4:00PM-5:00PM Rig Move, 5:00PM MIRU NC#3, OWU, R/D Pmp Unit, R/U Preferred H/Oiler To Csg, Pmp 60BW @ 250\*, Was Not Circulating, Work To Pull Pmp Off Seat W/ No Luck, Worked The Polish Rod Out Of The Hole, L/D Polish Rod, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 4:00PM-5:00PM Rig Move, 5:00PM MIRU NC#3, OWU, R/D Pmp Unit, R/U Preferred H/Oiler To Csg, Pmp 60BW @ 250\*, Was Not Circulating, Work To Pull Pmp Off Seat W/ No Luck, Worked The Polish Rod Out Of The Hole, L/D Polish Rod, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl.

Daily Cost: \$0

Cumulative Cost: \$4,211

9/6/2013 Day: 3

Conversion

NC #3 on 9/6/2013 - Cont. TOH w/ tbg & breaking collars. - 5:30AM-6:00AM C/Tvl. Cont. TOH w/ 30- jts tbg. RU hot oiler & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 9-jts tbg. LD 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. LD w/ 57- jts tbg on trailer. TIH w/ Guided collar, X/N, 4' tbg sub 2 3/8, Pkr, on/off, s/n, 139- jts tbg 2 3/8. Pump 5 bbl pad. Drop STD valve. Fill tbg w/ 20 bbls fresh water & pressure test to 3000 psi. Pressure dropped 90 psi in 1 hour. Pressure dropped 70 psi in 1 hour. Pumped up tbg to 3000 psi @ 4:30. Pressure dropped 30 psi in 1 hour. SDFD @ 6:30. c/ travel 6:30- 7:00 - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U Preferred H/Oiler & Pmp 90BW Down Csg @ 800psi W/ No Returns, R/D H/Oiler, Latch Onto Rods And Work To Free Rod String, Rod Pmp Stuck, Jar On Pmp For 3hrs To Free Up, Could Not Flush Pst Pmp, POOH W/ 60 Rods & Flush Tbg W/ 20BW @ 250\* W/ 800psi, Flush Two More Times Durring Trip W/ Same Psr, POOH & L/D Rod String As Followed, 1-1 1/4 Polish Rod, 1-2'&6' 7/8 Ponys, 84-7/8 8 Pers, 137-3/4 Slicks, 10-3/4 4 Pers, 8-1 1/2 Wt Bars, & 1 Rod Pmp, R/D Rod Eqp, N/D W/H-D, P/U 6'-2 3/8 Tbg Pup, X/O BOPs, To 2 3/8 Pipe Rams, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, X/O All Tbg Eqp To 2 3/8, T/A Was Not Set, L/D 6' Tbg Pup, TOOH W/ Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, TOOH W/ 60- jts. SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U Preferred H/Oiler & Pmp 90BW Down Csg @ 800psi W/ No Returns, R/D H/Oiler, Latch Onto Rods And Work To Free Rod String, Rod Pmp Stuck, Jar On Pmp For 3hrs To Free Up, Could Not Flush Pst Pmp, POOH W/ 60 Rods & Flush Tbg W/ 20BW @ 250\* W/ 800psi, Flush Two More Times Durring Trip W/ Same Psr, POOH & L/D Rod String As Followed, 1-1 1/4 Polish Rod, 1-2'&6' 7/8 Ponys, 84-7/8 8 Pers, 137-3/4 Slicks, 10-3/4 4 Pers, 8-1 1/2 Wt Bars, & 1 Rod Pmp, R/D Rod Eqp, N/D W/H-

D, P/U 6'-2 3/8 Tbg Pup, X/O BOPs, To 2 3/8 Pipe Rams, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, X/O All Tbg Eqp To 2 3/8, T/A Was Not Set, L/D 6' Tbg Pup, TOO H W/ Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, TOO H W/ 60- jts. SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl - 5:30AM-6:00AM C/Tvl. Cont. TOH w/ 30- jts tbg. RU hot oiler & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. TOH w/ 9-jts tbg. LD 40- jts tbg & flush tbg w/ 20 bbls water @ 250. Cont. LD w/ 57- jts tbg on trailer. TIH w/ Guided collar, X/N, 4' tbg sub 2 3/8, Pkr, on/off, s/n, 139- jts tbg 2 3/8. Pump 5 bbl pad. Drop STD valve. Fill tbg w/ 20 bbls fresh water & pressure test to 3000 psi. Pressure dropped 90 psi in 1 hour. Pressure dropped 70 psi in 1 hour. Pumped up tbg to 3000 psi @ 4:30. Pressure dropped 30 psi in 1 hour. SDFD @ 6:30. c/ travel 6:30- 7:00 - 5:30AM-6:00AM C/Tvl. Cont. TOH w/ 30- jts tbg. RU hot oiler & flush tbg w/ 20 bbls water @ 250. Cont. 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Stuck, Jar On Pmp For 3hrs To Free Up, Could Not Flush Pst Pmp, POOH W/ 60 Rods & Flush Tbg W/ 20BW @ 250\* W/ 800psi, Flush Two More Times Durring Trip W/ Same Psr, POOH & L/D Rod String As Followed, 1-1 1/4 Polish Rod, 1-2'&6' 7/8 Ponys, 84-7/8 8 Pers, 137-3/4 Slicks, 10-3/4 4 Pers, 8-1 1/2 Wt Bars, & 1 Rod Pmp, R/D Rod Eqp, N/D W/H-D, P/U 6'-2 3/8 Tbg Pup, X/O BOPs, To 2 3/8 Pipe Rams, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, X/O All Tbg Eqp To 2 3/8, T/A Was Not Set, L/D 6' Tbg Pup, TOO H W/ Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, TOO H W/ 60- jts. SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U Preferred H/Oiler & Pmp 90BW Down Csg @ 800psi W/ No Returns, R/D H/Oiler, Latch Onto Rods And Work To Free Rod String, Rod Pmp Stuck, Jar On Pmp For 3hrs To Free Up, Could Not Flush Pst Pmp, POOH W/ 60 Rods & Flush Tbg W/ 20BW @ 250\* W/ 800psi, Flush Two More Times Durring Trip W/ Same Psr, POOH & L/D Rod String As Followed, 1-1 1/4 Polish Rod, 1-2'&6' 7/8 Ponys, 84-7/8 8 Pers, 137-3/4 Slicks, 10-3/4 4 Pers, 8-1 1/2 Wt Bars, & 1 Rod Pmp, R/D Rod Eqp, N/D W/H-D, P/U 6'-2 3/8 Tbg Pup, X/O BOPs, To 2 3/8 Pipe Rams, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, X/O All Tbg Eqp To 2 3/8, T/A Was Not Set, L/D 6' Tbg Pup, TOO H W/ Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, TOO H W/ 60- jts. SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl

**Daily Cost:** \$0

**Cumulative Cost:** \$43,260

### 9/9/2013 Day: 4

### Conversion

NC #3 on 9/9/2013 - PU & RIH w/ sandline to retrieve STD valve. - 5:30AM-6:00AM C/Tvl. Pressure held @ 3000 psi for 1 hour. PU & RIH w/ sandline and over shot to retrieve STD valve. RD rig floor. ND BOP's. NU wellhead. Wait on fresh water. Pump 70 bbls fresh water mixed w/ pkr fluid. Set Pkr CE @ 4274' w/ 15000 tension. Fill csg w/ bbls fresh water. Pressure csg to 1500 psi. Good test. RDMO @ 1:30. READY FOR MIT. - 5:30AM-6:00AM C/Tvl. Pressure held @ 3000 psi for 1 hour. PU & RIH w/ sandline and over shot to retrieve STD valve. RD rig floor. ND BOP's. NU wellhead. Wait on fresh water. Pump 70 bbls fresh water mixed w/ pkr fluid. Set Pkr CE @ 4274' w/ 15000 tension. Fill csg w/ bbls fresh water. Pressure csg to 1500 psi. Good test. RDMO @ 1:30. READY FOR MIT. - 5:30AM-6:00AM C/Tvl. Pressure held @ 3000 psi for 1 hour. PU & RIH w/ sandline and over shot to retrieve STD valve. RD rig floor. ND BOP's. NU wellhead. Wait on fresh water. Pump 70 bbls fresh water mixed w/ pkr fluid. Set Pkr CE @ 4274' w/ 15000 tension. Fill csg w/ bbls fresh water. Pressure csg to 1500 psi. Good test. RDMO @ 1:30. READY FOR MIT. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$47,921

### 9/12/2013 Day: 5

### Conversion

Rigless on 9/12/2013 - Conduct initial MIT - On 09/10/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/11/2013 the casing was pressured up to 1510 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 09/10/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/11/2013 the casing was pressured up to 1510 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. - On 09/10/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/11/2013 the casing was pressured up to 1510 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$66,155

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**Pertinent Files: [Go to File List](#)**

Spud Date: 3/20/82  
 Put on Production: 6/22/82  
 GL: 5627' KB: 5641'

# Federal 42-4-9-16

Initial Production: 121 BOPD, 430 MCFD  
 10 BWPD

**SURFACE CASING**

CSG SIZE 9-5/8"  
 GRADE K-55  
 WEIGHT 36#  
 LENGTH 8 JTS  
 DEPTH LANDED 307'  
 HOLE SIZE 12-1/4"  
 CEMENT DATA 165 skx Class "G" cmt

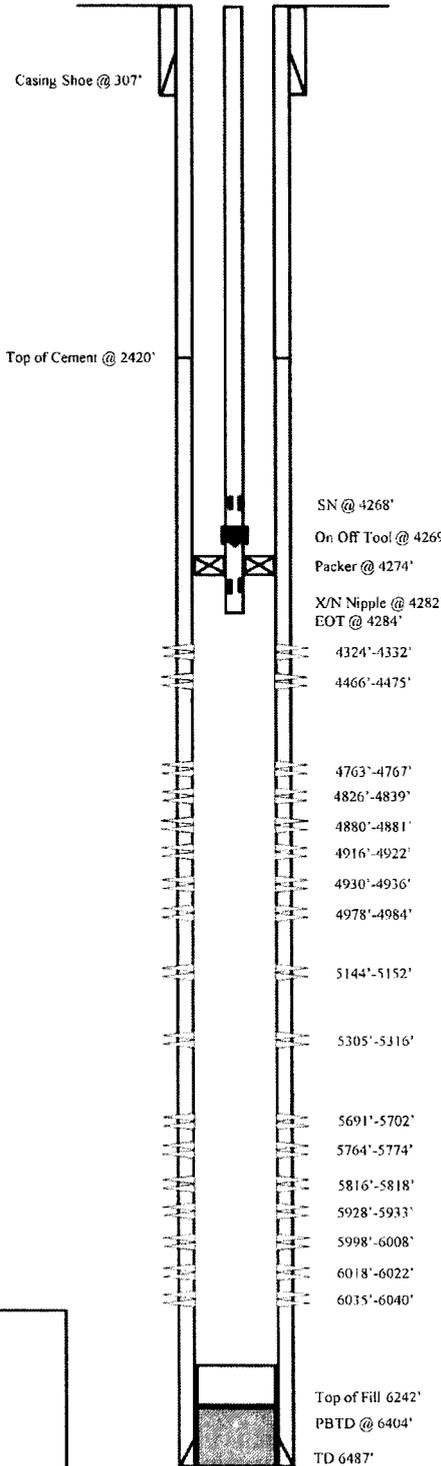
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE N-80  
 WEIGHT 17#  
 LENGTH 165 jts  
 HOLE SIZE 7-7/8"  
 CEMENT DATA: 720 sx Ideal "G"  
 CEMENT TOP AT 2420'  
 DEPTH LANDED: 6483'

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS 139 jts (4254 4')  
 SEATING NIPPLE 2-7/8" (1 10')  
 SN LANDED AT 4268 4' KB  
 ON/OFF TOOL AT 4269 5'  
 ARROW #1 PACKER CE AT 4274 34'  
 TBG PUP 2-3/8 J-55 AT 4278'  
 X/N NIPPLE AT 4282'  
 TOTAL STRING LENGTH EOT@ 4283 61

**Injection Wellbore Diagram**



**FRAC JOB**

5/12/82	5144'-5152'	27,100 lbs sand in 365 bbl frac fluid Screened out
5/20/82	4978'-4984'	69,000 lbs sand in 657 bbl frac fluid Avg treating press 1750 psi @ 25 bpm ISIP 2100 psi Calc flush 4978 gal Actual flush: 2020 gal
5/27/82	4763'-4881'	165,000 lbs sand in 1542 bbl frac fluid Avg treating press 2100 psi @ 31 bpm ISIP 2130 psi Calc flush 4763 gal Actual flush: 4800 gal
01/24/03	5928'-6040'	<b>Frac CP4/BS sands as follows:</b> 50,473# 20/40 sand in 387 bbls YF 125 fluid Treated @ avg press of 3962 psi w/avg rate of 17.1 BPM ISIP-2038 psi Calc Flush: 1538 gal Actual flush: 1432 gal
01/24/03	5691'-5818'	<b>Frac CP.5 &amp; CP2 sands as follows:</b> 59,956# 20/40 sand in 453 bbls YF 125 fluid Treated @ avg press of 3637 psi w/avg rate of 17.1 BPM ISIP-1975 psi Calc Flush: 1484 gal Actual flush 1354 gal
01/25/03	5305'-5316'	<b>Frac A3 sands as follows:</b> 20,595# 20/40 sand in 177 bbls YF 125 fluid Treated @ avg press of 3860 psi w/avg rate of 16.5 BPM ISIP-1945 psi Calc Flush 1390 gal Actual flush: 1278 gal
01/25/03	4916'-4936'	<b>Frac D3 sands as follows:</b> 25,002# 20/40 sand in 211 bbls YF 125 fluid Treated @ avg press of 4063 psi w/avg rate of 16.8 BPM ISIP-2830 psi Calc Flush: 1239 gal Actual flush: 1153 gal
01/25/03	4324'-4475'	<b>Frac GB4 &amp; PB7 sands as follows:</b> 61,399# 20/40 sand in 478 bbls YF 125 fluid Treated @ avg press of 2493 psi w/avg rate of 18.8 BPM ISIP-2828 psi Calc Flush: 4324 gal Actual flush: 4093 gal
09/09/13		<b>Convert to Injection Well</b>
09/11/13		<b>Conversion MIT Finalized</b> - update tbg detail

**PERFORATION RECORD**

5/16/82	5144'-5152'	3 JSPP	24 holes
6/18/82	4978'-4984'	3 JSPP	18 holes
5/26/82	4763', 4766', 4767', 4826', 4829', 4830', 4831', 4832', 4834', 4838', 4839', 4880', 4881'	1 SPF	13 holes
01/23/03	4324'-4332'	4 JSPP	32 holes
01/23/03	4466'-4475'	4 JSPP	36 holes
01/23/03	4916'-4922'	4 JSPP	24 holes
01/23/03	4930'-4936'	4 JSPP	24 holes
01/23/03	5305'-5316'	4 JSPP	44 holes
01/23/03	5691'-5702'	4 JSPP	44 holes
01/23/03	5764'-5774'	4 JSPP	40 holes
01/23/03	5816'-5818'	4 JSPP	8 holes
01/23/03	5928'-5933'	4 JSPP	20 holes
01/23/03	5998'-6008'	4 JSPP	40 holes
01/23/03	6018'-6022'	4 JSPP	16 holes
01/23/03	6035'-6040'	4 JSPP	20 holes

**NEWFIELD**



**Federal 42-4-9-16**  
 2135' FNL 515' FEL  
 SENE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-30638; Lease #UTU-30096



GARY R. HERBERT  
Governor

SPENCER J. COX  
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-374

**Operator:** Newfield Production Company

**Well:** Federal 42-4

**Location:** Section 4, Township 9 South, Range 16 East

**County:** Duchesne

**API No.:** 43-013-30638

**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 18, 2011.
2. Maximum Allowable Injection Pressure: 1,911 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,117' – 6,227')
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: Clara A. Suchomel      11/14/13  
 for John Rogers      Date  
 Associate Director

JR/MLR/js  
 cc: Bruce Suchomel, Environmental Protection Agency  
 Bureau of Land Management, Vernal  
 Jill Loyle, Newfield Production Company, Denver  
 Newfield Production Company, Myton  
 Duchesne County  
 Well File  
 N:\O&G Reviewed Docs\ChronFile\UIC



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-30096
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: FEDERAL 42-4
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013306380000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2135 FNL 0515 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 04 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: 11/5/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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 9:40 AM on 11/05/2013.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 November 06, 2013

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/5/2013	