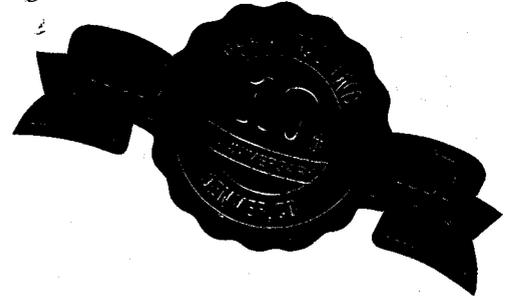




July 28, 1992



Division of Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Attn: Tammi Searing

Re: PG & E Resources Company  
#11-10 Jensen  
1461' FSL and 1735' FWL  
NE SW Sec. 10, T12S - R10E  
Carbon County, Wyoming

Dear Tammi,

Enclosed please find three copies of the A.P.D. on the above mentioned well along with three copies of the drilling program. A temporary change application will be filed with the Division of Water Rights, Price, Utah for use of the proposed water sources, and a copy will be sent to your office upon approval.

Please forward approved copies of the A.P.D. to Jim LaFevers at the following address:

PG & E Resources Company  
5950 Berkshire Lane, Suite 600  
Dallas, TX 75225

If you should need additional information, please feel free to contact me.

Sincerely,

PERMITCO INC.

A handwritten signature in cursive script that reads 'Lisa L. Smith'.

Lisa L. Smith  
Consultant for:  
PG & E Resources Company

Enc.

cc: PG & E - Dallas, TX  
PG & E - Vernal, UT

Permitco Incorporated  
A Petroleum Permitting Company

13585 Jackson Drive Denver, Colorado 80241 (303) 452-8888

RECEIVED

JUL 31 1992

DIVISION OF  
OIL GAS & MINING

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

5. Lease Designation and Serial No.

433396 Free

6. If Indian, Allottee or Tribe Name N/A

7. Unit Agreement Name

N/A

8. Farm or Lease Name

Jensen

9. Well No.

#11-10

10. Field and Pool, or Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 10, T12S - R10E

12. County or Parrish 13. State Carbon Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL [X] DEEPEN [ ] PLUG BACK [ ]

h. Type of Well

Oil Well [ ] Gas Well [ ] Other Coalbed Methane Single Zone [X] Multiple Zone [ ]

2. Name of Operator 214/750-3800 5950 Berkshire Lane, #600 PG & E Resources Company Dallas, TX 75225

3. Address of Operator 303/452-8888 13585 Jackson Drive Permitco Inc. - Agent Denver, CO 80241

4. Location of Well (Report location clearly and in accordance with any State requirements.\*) At surface

1735' FWL and 1461' FSL

At proposed prod. zone NE SW Sec. 10

14. Distance in miles and direction from nearest town or post office\*

15 miles north of Price, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

1461'

16. No. of acres in lease

560

17. No. of acres assigned to this well

160

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

2000'

19. Proposed depth

4705'

20. Rotary or cable tools

Rotary

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

7309' GR

22. Approx. date work will start\*

Immediately upon approval of this application

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: Size of Hole, Size of Casing, Weight per Foot, Setting Depth, Quantity of Cement. Rows include 12-1/4" casing and 7-7/8" casing.

PG & E Resources Company proposes to drill a well to 4705' to test the Blackhawk and Star Point Coals for coalbed methane. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per the State of Utah requirements.

See Drilling Program attached.

Bond coverage for this well is provided under Bond No. 8063-38-07 and 8057-26-00.

TECHNICAL REVIEW Engr. [Signature] 8/5/92 Geol. [Signature] 8/5/92 Surface [Signature] 8/5/92

RECEIVED

JUL 31 1992

DIVISION OF OIL GAS & MINING

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. Consultant for PG & E Resources Company Date 7/28/92

(This space for Federal or State office use)

Permit No. 43-007-30160 Approval Date

Approved by [Signature] Title DATE: 8-25-92

Conditions of approval, if any: BY: [Signature] WELL SPACING 649-33

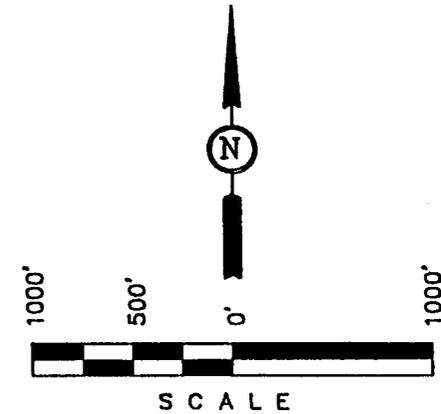
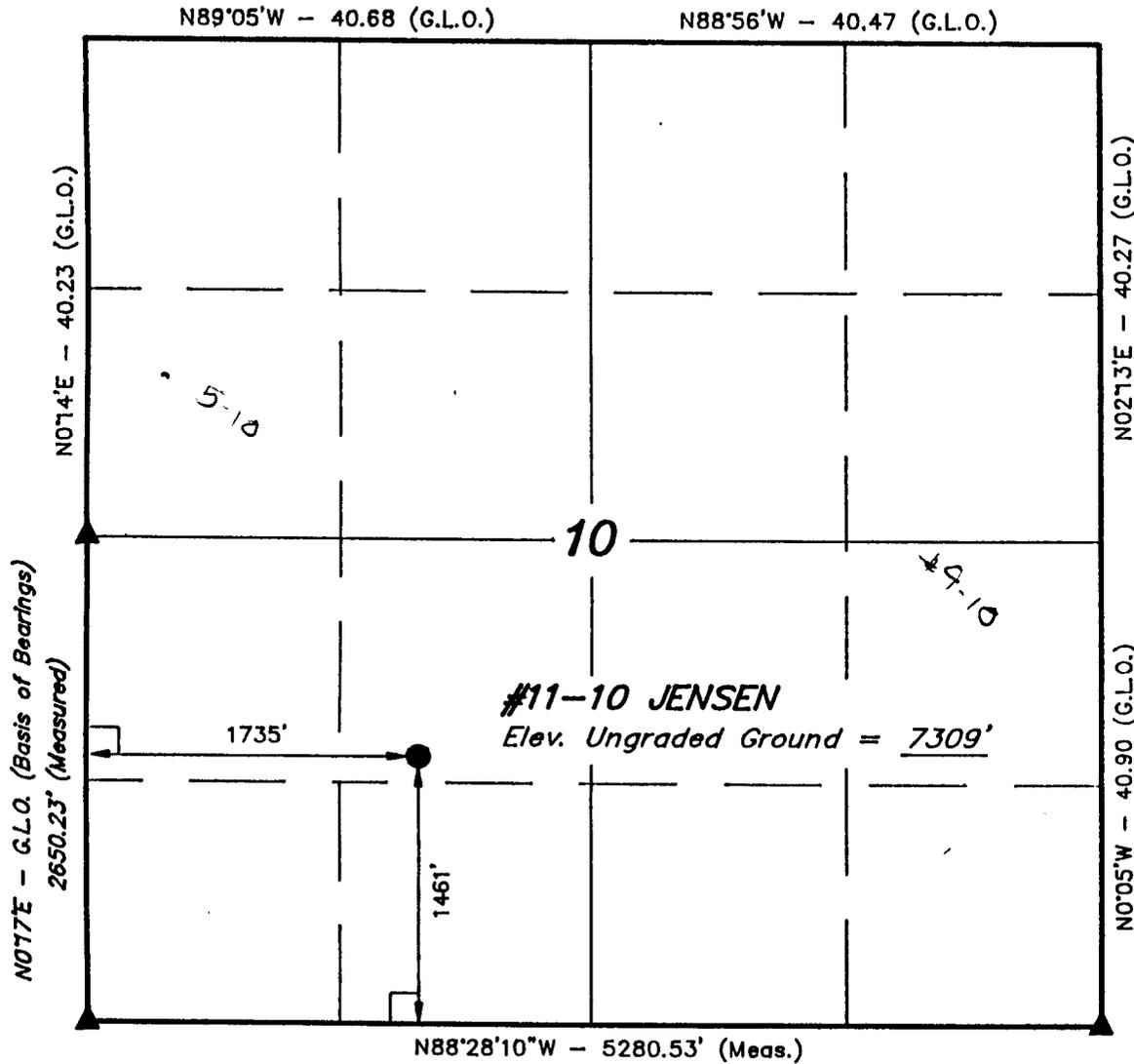
**PG&E RESOURCES COMPANY**

Well location, #11-10 JENSEN, located as shown in the NE 1/4 SW 1/4 of Section 10, T12S, R10E, S.L.B.&M. Carbon County, Utah.

**T12S, R10E, S.L.B.&M.**

**BASIS OF ELEVATION**

BENCH MARK 265 (1934) LOCATED IN THE NE 1/4 SECTION 10, T12S, R10E, S.L.B.&M. TAKEN FROM THE MATTS SUMMIT QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7131 FEET.



**CERTIFICATE**

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

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 5709  
STATE OF UTAH

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED. (1923 Brass Caps)

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

SCALE 1" = 1000'	DATE SURVEYED: 7-12-92	DATE DRAWN: 7-18-92
PARTY J.F. B.C. J.L.G.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE PG&E RESOURCES	

**CONFIDENTIAL - TIGHT HOLE**

**#11-10 JENSEN**  
**1461' FSL and 1735' FWL**  
**NE SW Sec. 10, T12S - R10E**  
**Carbon County, Utah**

**Prepared For:**

**PG & E RESOURCES COMPANY**

**By:**

**PERMITCO INC.**  
**13585 Jackson Drive**  
**Denver, Colorado 80241**  
**303/452-8888**

**Copies Sent To:**

- 3 - Division of Oil, Gas & Mining**
- 1 - PG & E Resources Co. - Vernal, Utah**
- 3 - PG & E Resources Co. - Dallas, TX**



**Permitco Incorporated**  
A Petroleum Permitting Company

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Flagstaff	Surface
Price River	2727'
Castlegate	3181'
Blackhawk	3477'
Kenilworth (S.P. I)	4204
Aberdeen (S.P. II)	4405'
T.D.	4705

2. Casing Program

The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>
Surface	0-500'	12-1/4"	8-5/8"	24#	K-55
Produc.	0-5000'	7-7/8"	5-1/2"	17#	N-80

Casing design subject to revision based on geologic conditions encountered.

3. Cement Program

The cement program will be as follows:

Surface  
0-500'

Type and Amount

Cement to surface with 350 sx Premium Cement + 2% CaCl<sub>2</sub> + 0.25 #/sk Flocele (or equivalent). Centralizers will be run on bottom 3 joints plus every 4th joint to surface.



Production

Type and Amount

Two stage cement to surface w/stage tool at 3200'. First Stage: 265 sx 50/50 Pozmix + 2% Gel + .25% Flocele. Second Stage: 200 sx Silica Lite + 4% Gel + 4% CaCl<sub>2</sub>.

4. Drilling Fluids

The proposed circulating mediums to be employed in drilling are as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>FL</u>	<u>PH</u>
0-500'	Air/Spud Mud	8.4-9.0	32-50	N/C	8.0-9.0
500-3500'	FW w/Gel Sweeps	8.4-8.8	28-32	N/C	8.0-9.0
3500-4705'	FW-LSND	8.6-9.0	34-45	10-15	8.0-9.0

5. Testing, Logging and Coring

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are planned.
- b. The logging program will consist of a DIGL/GR/SP - 2" & 5" from T.D. to Base of Surface Casing and an SDL/DSN/GR/CAL/PE - 5" from T. D. to Base of Surface casing.
- c. Rotary sidewall cores are possible if needed after log evaluation.

6. Spud Date/Drilling Time

- a. Drilling is planned to commence on approximately August 15, 1992.



- b. It is anticipated that the drilling of this well will take approximately 20 days (4 days - Spudder rig; 16 days Drill rig).

7. Road Use/Water Source

- a. All access is located on Private or County Roads. The Carbon County Road Department has been contacted for use of County Roads. Surface use agreements will be reached with the other land owners for use of access roads and drillsite.
- b. Produced water from five producing wells in the immediate area will be used for drilling. The location of the existing water pits are as follows:
- 1) N 540' E 1900' from SW cor., Sec. 11, T12S - R10E
  - 2) N 793' W 780' from SE cor., Sec. 11, T12S - R10E
  - 3) S 1980' E 1780' from NW cor., Sec. 14, T12S - R10E
  - 4) S 660' W 2340' from NE cor., Sec. 14, T12S - R10E
  - 5) S 1980' W 800' from NE cor., Sec. 14, T12S - R10E

The proposed water sources are located on private lands. A Temporary Change application will be filed with the Utah Division of Water Rights for use of these water sources.

8. BOP Requirements

PG & E's minimum specifications for pressure control equipment are as follows:  
Ram Type: 10" Hydraulic double, 2000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more

than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.

- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

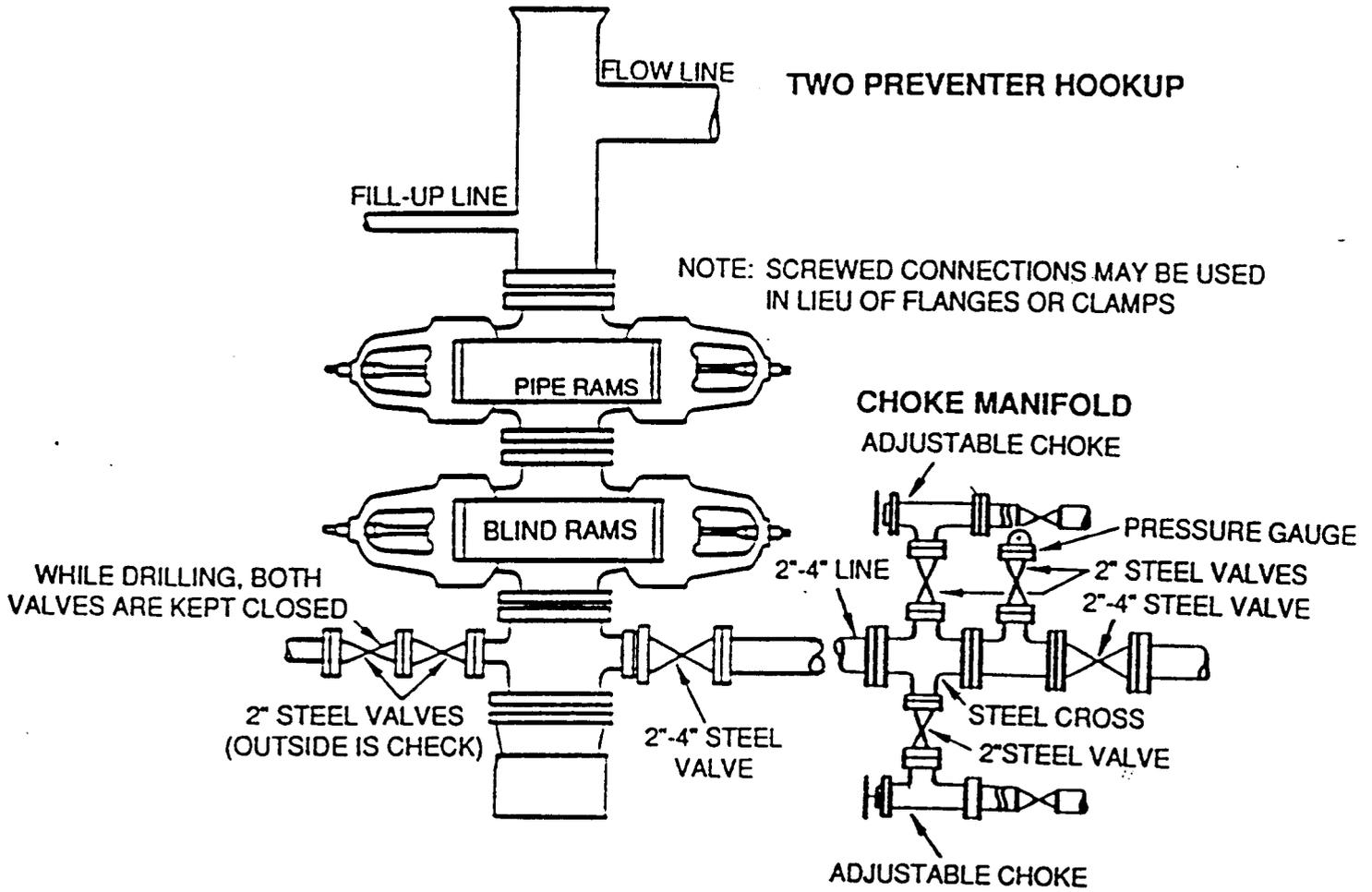
9. Anticipated Pressures

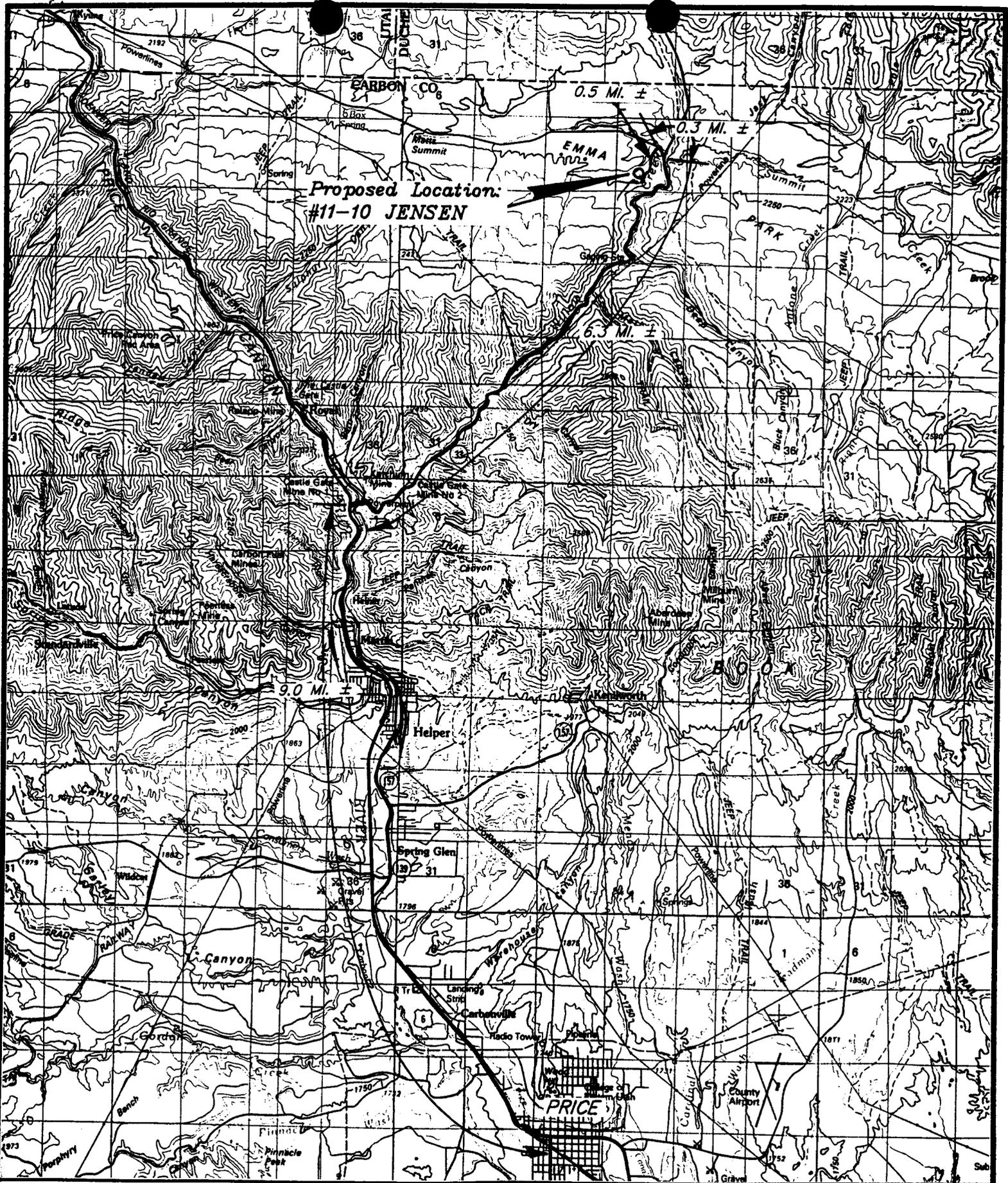
- a. The expected maximum bottom hole pressure is 2042 psi (.434 psi/ft). The maximum surface pressure is 1007 psi (based on partially evacuated hole at 0.22 psi/ft.)
- b. No hydrogen sulfide gas or abnormal pressures are anticipated.



# PG&E RESOURCES COMPANY

## TYPICAL 2,000 PSI BLOWOUT PREVENTER SCHEMATIC





Proposed Location:  
#11-10 JENSEN

TOPOGRAPHIC  
MAP "A"

DATE 7-18-92 J.L.G.



**PG&E RESOURCES COMPANY**

#11-10 JENSEN

SECTION 10, T12S, R10E, S.L.B.&M.

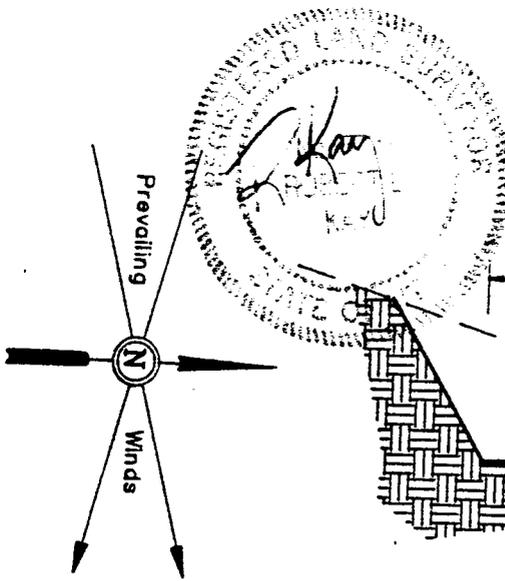
1461' FSL 1735' FWL



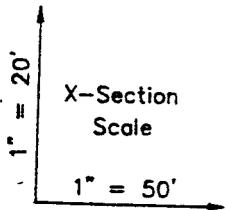
P.G.&E. RESOURCES CO.

LOCATION LAYOUT FOR

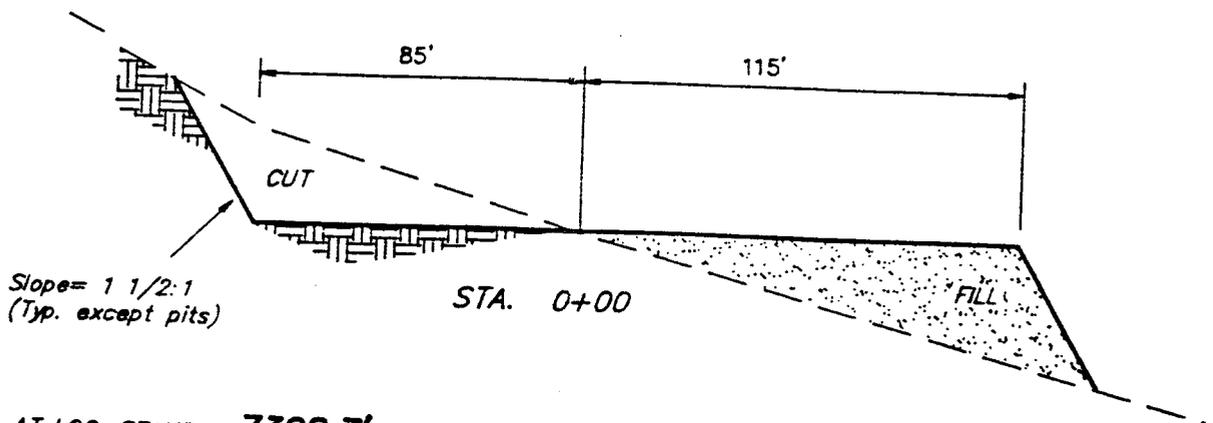
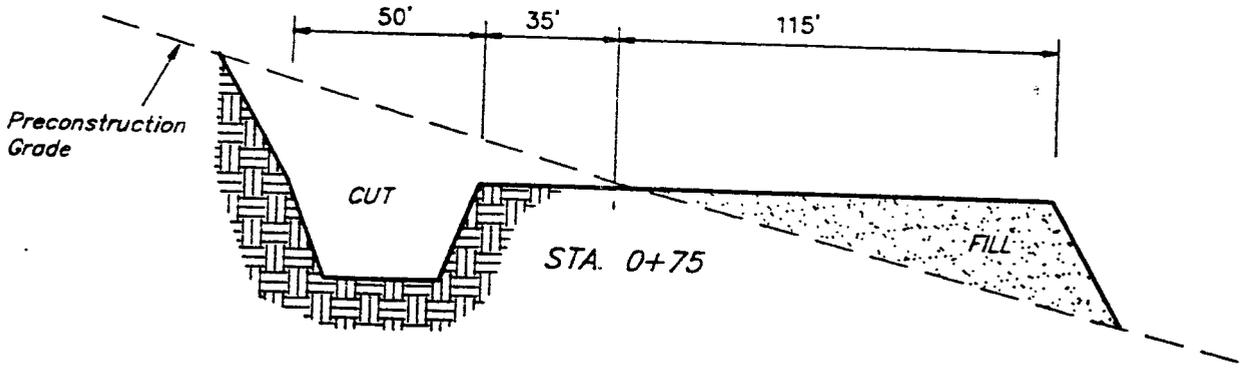
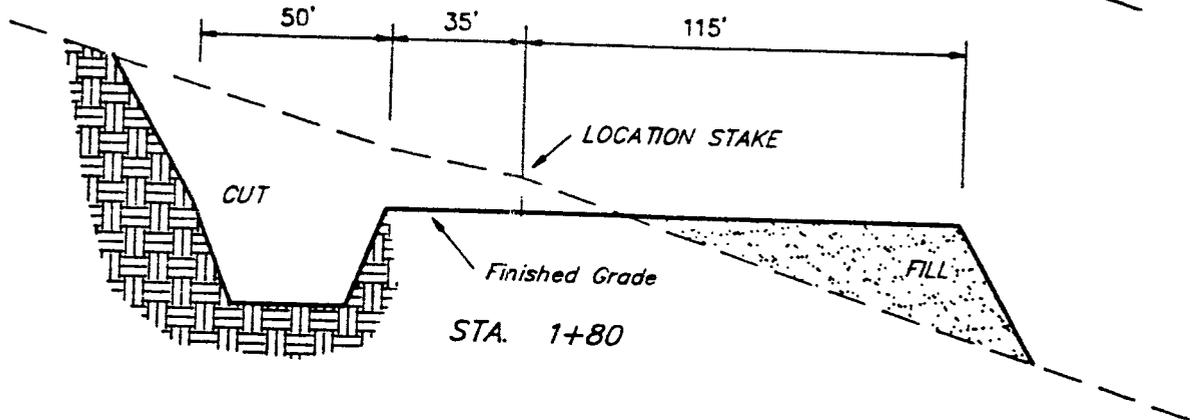
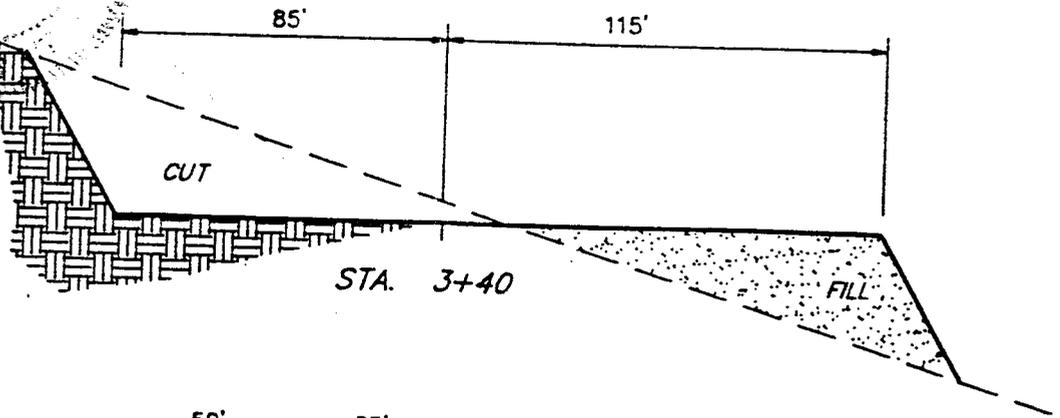
#11-10 JENSEN  
SECTION 10, T12S, R10E, S.L.B.&M.  
1461' FSL 1735' FWL



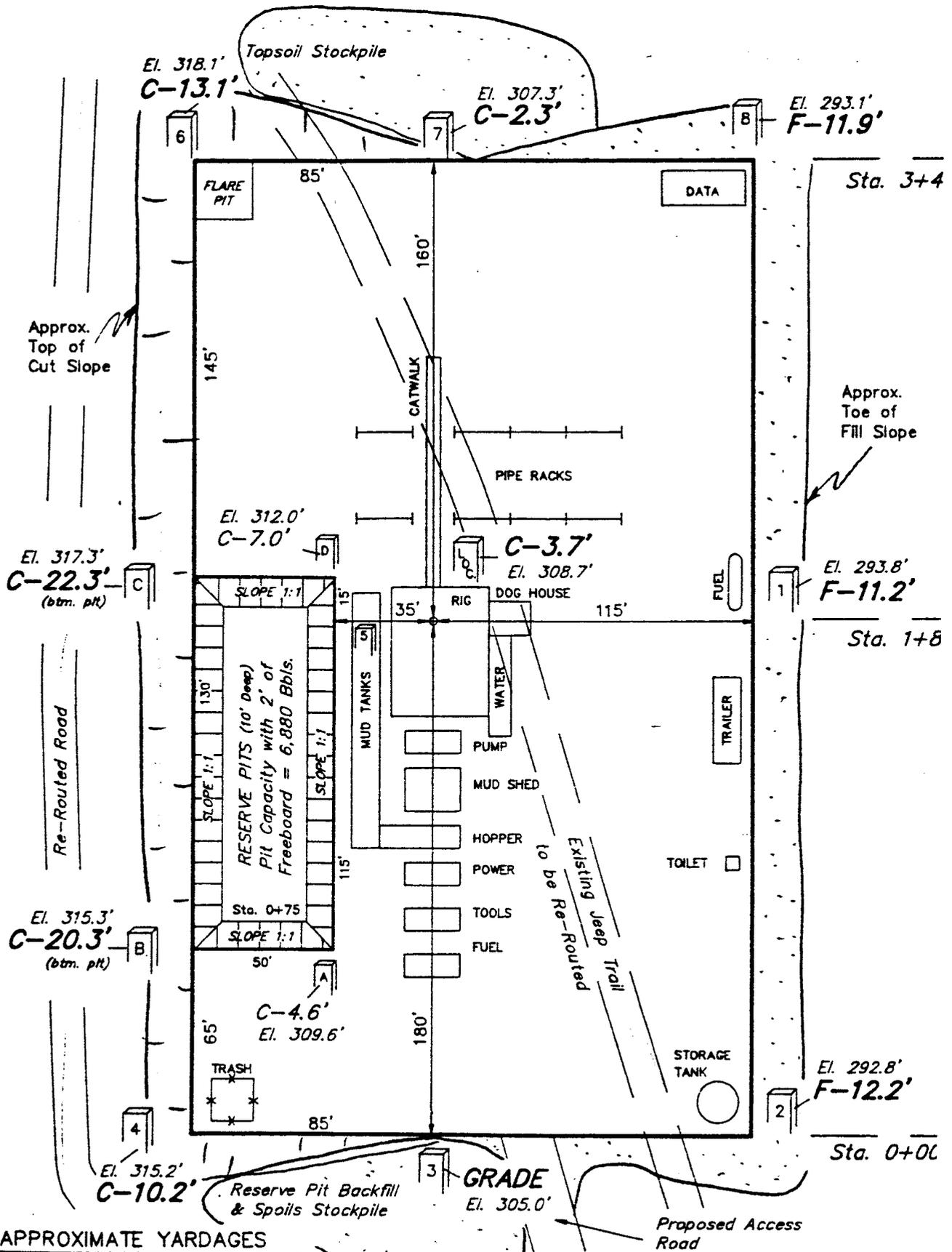
SCALE: 1" = 50'  
DATE: 7-18-92  
Drawn By: R.E.H.



TYP. LOCATION LAYOUT  
TYP. CROSS SECTIONS



UNGRADED GROUND AT LOC. STAKE = 7308.7'  
GRADED GROUND AT LOC. STAKE = 7305.0'



**APPROXIMATE YARDAGES**

CUT		
(6") Topsoil Stripping	=	1,260 Cu. Yds.
Remaining Location	=	10,530 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>11,790 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>9,160 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	=	2,150 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,150 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

OPERATOR: PG & E RESOURCES COMPANY  
WELL NAME: JENSEN 11-10

DATE RECEIVED: 07/31/92

API NO. ASSIGNED: 43 - 007 - 30164

**CONFIDENTIAL**

LEASE TYPE: FEE LEASE NO: see  
LOCATION: NESW 10 - T12S - R10E CARBON COUNTY  
FIELD: WILDCAT FIELD CODE: 001

RECEIVED AND/OR REVIEWED:

Plat  
 Bond  
(Number 1-1870145 80,000)  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
(Number 790-91-10 91-area)  
 RDCC Review (Y/N)  
(Date: 8-4-90)

LOCATION AND SITING:

R649-2-3. Unit: \_\_\_\_\_  
 R649-3-2. General.  
 R649-3-3. Exception.  
 Drilling Unit.  
Board Cause no: \_\_\_\_\_  
Date: \_\_\_\_\_

COMMENTS: One add well and one proposed well within sec 10.

Per site 8-4-90 (Geology review) 8-5-90

Exception location requested

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 10-2-94

STIPULATIONS:

Fee Stip

RDCC Stip

Reserve pit to be evaluated for liner after construction  
Downhill side of drilling pad to be bermed  
to prevent runoff from location.

**DRILLING LOCATION ASSESSMENT**

**State of Utah  
Division of Oil, Gas and Mining**

OPERATOR: PG&E RESOURCES CO. WELL NAME: #11-10 JENSEN  
SECTION: 10 TWP: 12S RNG: 10E LOC: 1735 FWL 1461 FSL  
QTR/QTR NW/SW COUNTY: CARBON FIELD: COALBED METHANE  
SURFACE OWNER: JERRY JENSEN  
SPACING: 460 F SECTION LINE 460 F QTR/QTR LINE 920 F ANOTHER WELL  
GEOLOGIST: BRAD HILL DATE AND TIME: 7/20/92 9:15

**PARTICIPANTS:** Lisa Smith-Permitco, Jerry Jensen-Landowner, Robert Kay-Uintah Engineering, Jake Neves-PG&E

**REGIONAL SETTING/TOPOGRAPHY:** The proposed location is on the western edge of the Book Cliffs physiographic province. It is located on a dip slope on the Flagstaff Limestone. A deep drainage is located off the NW side of the proposed location.

**LAND USE:**

**CURRENT SURFACE USE:** Domestic grazing and wildlife habitat.

**PROPOSED SURFACE DISTURBANCE:** The proposed pad is rectangular in shape with approximate dimensions of 340'X 200' including a 130'X 50' reserve pit. Approximately .5 miles of an existing dirt road will be upgraded and 100' of new road will be constructed for access.

**AFFECTED FLOODPLAINS AND/OR WETLANDS:** None

**FLORA/FAUNA:** Sage, Rabbitbrush, Bunch grass, Oregon Grape, Prickly Pear, Cheat grass, Cliffrose, Juniper/Cows, Deer, Elk, Rabbits, Rodents, Birds

**ENVIRONMENTAL PARAMETERS**

**SURFACE GEOLOGY**

**SOIL TYPE AND CHARACTERISTICS:** Clayey-silt with abundant limestone fragments.

**SURFACE FORMATION & CHARACTERISTICS:** Quaternary alluvium and Flagstaff Limestone

**EROSION/SEDIMENTATION/STABILITY:** No active erosion or sedimentation at present. Location should be stable.

**PALEONTOLOGICAL POTENTIAL:** None observed.

## SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Blackhawk-3477', Kenilworth-4204',  
Aberdeen-4405'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated.

CULTURAL RESOURCES/ARCHAEOLOGY: NA

CONSTRUCTION MATERIALS: Onsite materials will be used for  
construction.

SITE RECLAMATION: As per land owner instructions.

### RESERVE PIT

CHARACTERISTICS: A rectangular reserve pit will be constructed  
with approximate dimensions of 130'X 50'X 10'.

LINING: The reserve pit is to be evaluated after construction to  
determine if a synthetic liner is needed.

MUD PROGRAM: 0-500'-air/spud mud; 500'-3500'-FW w/Gel Sweeps;  
3500'-4705'-FW-LSND

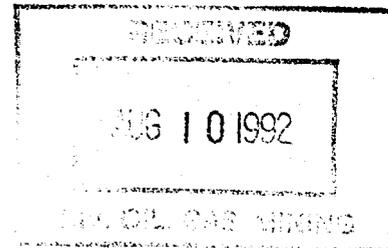
DRILLING WATER SUPPLY: Drilling water will be from the existing  
Shimmins Trust wells.

### STIPULATIONS FOR APD APPROVAL

The reserve pit is to be inspected after construction to  
determine if a synthetic liner is required.  
The downhill side of the pad is to be bermed to prevent run off  
from the location.

### ATTACHMENTS

Photographs will be placed on file.



August 6, 1992

Division of Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Attn: Tammi Searing

Re: PG & E Resources Company  
Castlegate Prospect  
Application for Temporary Change  
of Water  
Carbon County, Utah

Dear Tammi,

Enclosed please find one copy of the Application for Temporary Change of Water for PG & E's Castlegate Prospect in Carbon County, Utah.

As you know, several Applications for Permit to Drill have already been submitted and several additional applications will be forthcoming.

In future applications I will reference the Change Application Number (t92-91-12 (91 Area), rather than send additional copies of this application.

If you should need additional information, please feel free to contact me.

Sincerely,

PERMITCO INC.

A handwritten signature in cursive script that reads "Lisa L. Smith".

Lisa L. Smith  
Consultant for:  
PG & E Resources Company

Enc.

cc: PG & E Resources - Dallas, TX  
PG & E Resources - Vernal, UT

Permitco Incorporated  
A Petroleum Permitting Company

13585 Jackson Drive Denver, Colorado 80241 (303) 452-8888



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

Norman H. Bangertor, Governor  
Dee C. Hansen, Executive Director  
Robert L. Morgan, State Engineer.

Southeastern Area • 453 S. Carbon Avenue • P.O. Box 718 • Price, UT 84501-0718 • 801-637-1303

July 31, 1992

West Hazmat Oil Field Services Inc.  
Attn: Dale Price  
East Highway 40  
Roosevelt, Utah 84066

Re: Temporary Change Application #t92-91-12  
Expiration Date: November 30, 1992

Dear Mr. Price:

The above referenced Temporary Change Application is hereby approved, and a copy is enclosed for your information and records.

If you have any questions, please feel free to contact me.

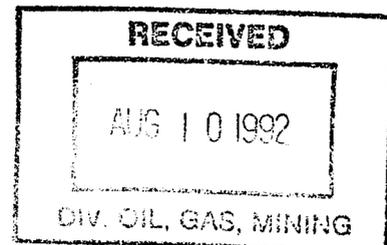
Sincerely,

*William A. Wernick*

*for* Mark P. Page  
Regional Engineer

cc: Bob Davis - Price River Commissioner

Enclosures  
MPP/mjk



# APPLICATION FOR TEMPORARY CHANGE OF WATER

AUG 10 1992  
DIV. OIL, GAS, MINING

RECEIVED  
STATE OF UTAH  
AUG 31 1992

Rec. by \_\_\_\_\_  
Fee Paid \$ \_\_\_\_\_  
Receipt # \_\_\_\_\_  
Microfilmed \_\_\_\_\_  
Roll # \_\_\_\_\_

WATER RIGHTS

For the purpose of obtaining permission to make a temporary change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Section 73-3-3 Utah Code Annotated 1953, as amended.

\*WATER RIGHT NO. 91 Area \_\_\_\_\_ \*APPLICATION NO. 92-91-12

Changes are proposed in (check those applicable)  
 point of diversion.  place of use.  nature of use.  period of use.

1. OWNER INFORMATION

Name: West Hazmat Oil Field Services Inc. \*Interest: \_\_\_\_\_ %  
 Address: East Highway 40  
 City: Roosevelt State: Utah Zip Code: 84066

2. \*PRIORITY OF CHANGE: July 31, 1992 \*FILING DATE: July 31, 1992  
 \*Is this change amendatory? (Yes/No): No

3. RIGHT EVIDENCED BY: 91-366, Cert. #a229, Morse Decree First Class

Prior Approved Temporary Change Applications for this right: t91-91-09; t92-91-03; t92-91-04; t92-91-05; t92-91-09; t92-91-10.

\*\*\*\*\* HERETOFORE \*\*\*\*\*

- 4. QUANTITY OF WATER: 7.98 cfs and/or \_\_\_\_\_ ac-ft.
- 5. SOURCE: Price River
- 6. COUNTY: Carbon
- 7. POINT(S) OF DIVERSION: \_\_\_\_\_  
S. 560 ft. & E. 680 ft. from N $\frac{1}{2}$  Cor. Sec. 1, T14S, R9E, SLB&M.

Description of Diverting Works: Concrete diversion dam, earthen ditches

8. POINT(S) OF REDIVERSION  
 The water has been rediverted from \_\_\_\_\_ at a point: \_\_\_\_\_

Description of Diverting Works: \_\_\_\_\_

9. POINT(S) OF RETURN  
 The amount of water consumed is 7.98 cfs or \_\_\_\_\_ ac-ft.  
 The amount of water returned is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft.  
 The water has been returned to the natural stream/source at a point(s): \_\_\_\_\_

\*These items are to be completed by the Division of Water Rights.

10. NATURE AND PERIOD OF USE

Irrigation: From March 1 to November 30
Stockwatering: From \_\_\_\_\_ to \_\_\_\_\_
Domestic: From \_\_\_\_\_ to \_\_\_\_\_
Municipal: From \_\_\_\_\_ to \_\_\_\_\_
Mining: From \_\_\_\_\_ to \_\_\_\_\_
Power: From \_\_\_\_\_ to \_\_\_\_\_
Other: From \_\_\_\_\_ to \_\_\_\_\_

11. PURPOSE AND EXTENT OF USE

Irrigation: 12,576.07 acres. Sole supply of 488.10 acres.
Stockwatering (number and kind): \_\_\_\_\_
Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons.
Municipal (name): \_\_\_\_\_
Mining: \_\_\_\_\_ Mining District in the \_\_\_\_\_ Mine.
Ores mined: \_\_\_\_\_
Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_
Other (describe): \_\_\_\_\_

12. PLACE OF USE

Legal description of place of use by 40 acre tract(s): Carbon Canal Delivery System

13. STORAGE

Reservoir Name: \_\_\_\_\_ Storage Period: from \_\_\_\_\_ to \_\_\_\_\_
Capacity: \_\_\_\_\_ ac-ft. Inundated Area: \_\_\_\_\_ acres.
Height of dam: \_\_\_\_\_ feet.
Legal description of inundated area by 40 tract(s): \_\_\_\_\_

\*\*\*\*\* THE FOLLOWING CHANGES ARE PROPOSED \*\*\*\*\*

14. QUANTITY OF WATER: \_\_\_\_\_ cfs and/or 13.0 ac-ft.
15. SOURCE: 1) Willow Creek 2) Underground Exploratory Wells
Balance of the water will be abandoned: \_\_\_\_\_ or will be used as heretofore: X
16. COUNTY: Carbon
17. POINT(S) OF DIVERSION: See Attached Sheet

Description of Diverting Works: 1) Portable pump to tank truck 2) Existing 5 1/2" casing, 4425 to 4667 feet deep
COMMON DESCRIPTION: 10 miles NE of Helper Matts Summit Quad

18. POINT(S) OF REDIVERSION

The water will be rediverted from \_\_\_\_\_ at a point: \_\_\_\_\_
Description of Diverting Works: \_\_\_\_\_

19. POINT(S) OF RETURN

The amount of water to be consumed is \_\_\_\_\_ cfs or 13.0 ac-ft.
The amount of water to be returned is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft.
The water will be returned to the natural stream/source at a point(s): \_\_\_\_\_

-20. NATURE AND PERIOD OF USE

Irrigation: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
 Stockwatering: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
 Domestic: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
 Municipal: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
 Mining: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
 Power: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
 Other: From 7/31/92 to 11/30/92

21. PURPOSE AND EXTENT OF USE

Irrigation: \_\_\_\_\_ acres. Sole supply of \_\_\_\_\_ acres.  
 Stockwatering (number and kind): \_\_\_\_\_  
 Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons.  
 Municipal (name): \_\_\_\_\_  
 Mining: \_\_\_\_\_ Mining District at the \_\_\_\_\_ Mine.  
 Ores mined: \_\_\_\_\_  
 Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_  
 Other (describe): Exploration drilling, road construction, dust suppression

22. PLACE OF USE

Legal description of place of use by 40 acre tract(s): See Attached Sheet

23. STORAGE

Reservoir Name: \_\_\_\_\_ Storage Period: from \_\_\_\_\_ to \_\_\_\_\_  
 Capacity: \_\_\_\_\_ ac-ft. Inundated Area: \_\_\_\_\_ acres.  
 Height of dam: \_\_\_\_\_ feet.  
 Legal description of inundated area by 40 tract(s): \_\_\_\_\_

24. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. Include any supplemental water rights used for the same purpose. (Use additional pages of same size if necessary): \_\_\_\_\_  
This Temporary Change Application is being filed to replace t91-91-09 & t92-91-10 to correct the points of diversion and place of use. To date approximately 0.77 AF has been utilized under t91-91-09.

\*\*\*\*\*  
 The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

Dale Price  
 Signature of Applicant(s)

West Hazmat Oil Field Services Inc.  
Temporary Change Application  
#t92-91-12 (91 Area)  
July 31, 1992

#17 Points of Diversion:

Willow Creek:  
N. 320 ft. & W. 290 ft. from SE Cor. Sec. 3, T12S, R20E, SLB&M.

Shimmin Trust Wells:

Shimmin Trust #1: N. 793 ft. & W. 780 ft. from SE Cor. Sec. 11;  
Shimmin Trust #2: S. 1980 ft. & W. 800 ft. from NE Cor. Sec. 14;  
Shimmin Trust #3: S. 1980 ft. & E. 1780 ft. from NW Cor. Sec. 14;  
Shimmin Trust #4: N. 540 ft. & E. 1900 ft. from SW Cor. Sec. 11;  
Shimmin Trust #5: S. 660 ft. & W. 2340 ft. from NE Cor. Sec. 14;  
all T12S, R10E, SLB&M.

#22 Place of Use:

1210-0806: S. 2400 ft. & E. 1769 ft. from NW Cor. Sec. 8 (SE4NW4)  
#7-9 Federal: S. 2109 ft. & W. 2038 ft. from NE Cor. Sec. 9 (SW4NE4)  
#4-15 Federal: S. 660 ft. & E. 450 ft. from NW Cor. Sec. 15 (NW4NW4)  
#4-13 Federal: S. 1174 ft. & E. 1168 ft. from NW Cor. Sec. 13 (NW4NW4)  
#9-10 Jensen: N. 2500 ft. & W. 1020 ft. from SE Cor. Sec. 10 (NE4SE4)  
#2-16 State: S. 780 ft. & W. 1971 ft. from NE Cor. Sec. 16 (NW4NE4)  
#9-16 State: N. 1993 ft. & W. 702 ft. from SE Cor. Sec. 16 (NE4SE4)  
#11-10 Jensen: N. 1650 ft. & E. 1650 ft. from SW Cor. Sec. 10 (NE4SW4)  
#5-10 Jensen: S. 1680 ft. & E. 660 ft. from NW Cor. Sec. 10 (SW4NW4)  
#16-10 Jensen: N. 330 ft. & W. 330 ft. from SE Cor. Sec. 10 (SE4SE4)  
#7-15 Jensen: S. 1650 ft. & W. 1650 ft. from NE Cor. Sec. 15 (SW4NE4)  
#11-11 Shimmin Trust: N. 2350 ft. & E. 1500 ft. from SW Cor. Sec. 11 (NE4SW4)  
#10-11 Shimmin Trust: N. 2300 ft. & W. 1850 ft. from SE Cor. Sec. 11 (NW4SE4)  
#12-12 Shimmin Trust: N. 2310 ft. & E. 990 ft. from SW Cor. Sec. 12 (NW4SW4)  
#14-12 Shimmin Trust: N. 660 ft. & E. 1980 ft. from SW Cor. Sec. 12 (SE4SW4)  
#11-15 Jensen: N. 1850 ft. & E. 1650 ft. from SW Cor. Sec. 15 (NE4SW4)  
#16-9 Jensen: N. 1150 ft. & W. 1150 ft. from SE Cor. Sec. 9 (SE4SE4)  
#16-15 Federal: N. 990 ft. & W. 990 ft. from SE Cor. Sec. 15 (SE4SE4)  
#14-14 Federal: N. 990 ft. & E. 1650 ft. from SW Cor. Sec. 14 (SE4SW4)  
#14-16 Federal: N. 990 ft. & W. 990 ft. from SE Cor. Sec. 14 (SE4SE4)  
#14-13 Federal: N. 990 ft. & E. 1650 ft. from SW Cor. Sec. 13 (SE4SW4)  
All T12S, R10E, SLB&M.

Alternate Wells:

#12-9 Jensen: N. 2054 ft. & E. 592 ft. from SW Cor. Sec. 9 (NW4SW4)  
#14-9 Jensen: N. 675 ft. & E. 2170 ft. from SW Cor. Sec. 9 (SE4SW4)  
#4-16 State: S. 922 ft. & E. 750 ft. from NW Cor. Sec. 16 (NW4NW4)  
#11-16 State: N. 1980 ft. & E. 1980 ft. from SW Cor. Sec. 16 (NE4SW4)  
All T12S, R10E, SLB&M.

STATE ENGINEER'S ENDORSEMENT

TEMPORARY CHANGE APPLICATION NUMBER: t92-91-12

1. July 31, 1992            Change Application received by BW.
2. July 31, 1992            Application designated for APPROVAL by MP.
3. Comments:

---

---

---

## Conditions:

This application is hereby APPROVED, dated July 31, 1992, subject to prior rights and this application will expire on November 30, 1992.

*for*

Mark Page, Area Engineer

for

Robert L. Morgan, State Engineer

STATE ACTIONS

Mail to:  
RDCC Coordinator  
116 State Capitol  
Salt Lake City, Utah 84114

1. ADMINISTERING STATE AGENCY  
OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203
2. STATE APPLICATION IDENTIFIER NUMBER:  
(assigned by State Clearinghouse)
3. APPROXIMATE DATE PROJECT WILL START:  
Upon approval
4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:  
(to be sent out by agency in block 1)  
Southeastern Utah Association of Governments
5. TYPE OF ACTION:     Lease     Permit     License     Land Acquisition  
                                  Land Sale     Land Exchange     Other \_\_\_\_\_
6. TITLE OF PROPOSED ACTION:  
Application for Permit to Drill
7. DESCRIPTION:  
PG & E Resources Company proposes to drill a wildcat well, the Jensen #11-10 well on a private lease in Carbon County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The DOGM is the primary administrative agency in this case and must issue approval to drill before operations can commence.
8. LAND AFFECTED (site location map required) (indicate county)  
NE/4, SW/4, Section 10, Township 12 South, Range 10 East, Carbon County, Utah
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?  
Unknown
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:  
No significant impacts are likely to occur
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
12. FOR FURTHER INFORMATION, CONTACT:  
Frank R. Matthews  
PHONE: 538-5340
13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL  
DATE: 8-4-92
- FR Matthews*  
Petroleum Engineer

Form OGC-1a

CONFIDENTIAL - TIGHT HOLE

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

(Other instructions on reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work  
 DRILL  DEEPEN  PLUG BACK

2. Type of Well  
 Oil Well  Gas Well  Other Coalbed Methane  Single Zone  Multiple Zone

3. Name of Operator  
 PG & E Resources Company  
 214/750-3800  
 5950 Berkshire Lane, #600  
 Dallas, TX 75225

4. Address of Operator  
 Permitco Inc. - Agent  
 303/452-8888  
 13585 Jackson Drive  
 Denver, CO 80241

5. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 1735' FWL and 1461' FSL

6. At proposed prod. zone  
 NE SW Sec. 10

7. Lease Designation and Serial No.  
 433396

8. If Indian, Allottee or Tribe Name  
 N/A

9. Unit Agreement Name  
 N/A

10. Farm or Lease Name  
 Jensen

11. Well No.  
 #11-10

12. Field and Pool, or Wildcat

13. Sec., T., R., M., or Bk. and Survey or Area  
 Sec. 10, T12S - R10E

14. Distance in miles and direction from nearest town or post office\*  
 15 miles north of Price, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest delg. line, if any)  
 1461'

16. No. of acres in lease  
 560

17. No. of acres assigned to this well  
 160

18. Distance from proposed\* location\* to nearest well, drilling, completed, or applied for, on this lease, ft.  
 2000'

19. Proposed depth  
 4705'

20. Rotary or cable tools  
 Rotary

21. Elevations (Show whether DF, RT, GR, etc.)  
 7309' GR

22. Approx. date work will start\*  
 Immediately upon approval of this application

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#	500'	350 sx or suffic to circ to surf.
7-7/8"	5-1/2"	17#	4705'	465 sx, stage tool @ 3200'

PG & E Resources Company proposes to drill a well to 4705' to test the Blackhawk and Star Point Coals for coalbed methane. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per the State of Utah requirements.

See Drilling Program attached.

Bond coverage for this well is provided under Bond No. 8063-38-07 and 8057-26-00.

This well was staked at non-standard footages in accordance with the requirements of the Division of Oil Gas and Mining. This location was staked based on topography. PG & E Resources Company is the lessee of all lands within a 1 mile radius of the proposed location. We therefore, request administrative approval of this exception location.

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 \_\_\_\_\_ Title Consultant for PG & E Resources Company Date 7/28/92

(This space for Federal or State office use)

Permit No. \_\_\_\_\_ Approval Date \_\_\_\_\_

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

Conditions of approval, if any: \_\_\_\_\_



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

August 25, 1992

PG & E Resources Company  
5950 Berkshire Lane #600  
Dallas, Texas 75225

Gentlemen:

Re: Jensen #11-10 Well, 1461 feet from the south line, 1735 feet from the west line, NE 1/4 SW 1/4, Section 10, Township 12 South, Range 10 East, Carbon County, Utah

Pursuant to Utah Admin. R. 649-3-3, Exception to Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. PG & E Resources Company, as designated operator, is the bonded principal in reference to this Application for Permit to Drill. Should this designation change or a transfer of ownership occur, liability will remain with the designated operator until the division is notified by letter of a new bonded principal.
2. The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. PG & E Resources Company will be required to comply with any applicable recommendations resulting from the review.
3. The reserve pit is to be inspected after construction to determine if a synthetic liner is required.
4. The downhill side of the pad is to be bermed to prevent run off from the location.

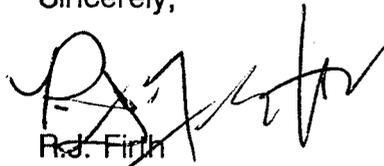
Page 2  
PG & E Resources Company  
Jensen #11-10 Well  
August 25, 1992

5. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
6. Notification within 24 hours after drilling operations commence.
7. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
8. Submittal of the Report of Water Encountered During Drilling, Form 7.
9. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.
10. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-007-30164.

Sincerely,



R.J. Firth  
Associate Director, Oil and Gas

ldc  
Enclosures  
cc: Bureau of Land Management  
J.L. Thompson  
WO11



ENTITY ACTION FORM - FORM 6

ADDRESS 6688 N. Central Expressway, Ste 1000  
Dallas, TX 75206-3922

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11405	43-007-30164	Jensen #11-10	NE SW	10	12S	10E	Carbon	8/27/92	8/27/92

WELL 1 COMMENTS:  
This well was spudded 8/27/92. *Entity added 9-10-92. Joe*

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

**RECEIVED**

SEP 08 1992

DIVISION OF  
OIL GAS & MINING

*Jim Adams*  
Signature

Regulatory Affairs Supv. 9/4/92  
Title Date

Phone No. (214) 750-3988

- 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.

September 16, 1992



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

Re: Jensen #11-10  
Carbon County, Utah

Gentlemen:

Attached is Form 9 (in triplicate) to inform you of the spud and casing set on the above referenced well.

If you should have any further questions, please contact me at (214) 750-3958.

Yours very truly,

Ava Hurst  
Production Administrator  
Regulatory Affairs

/ah

Attachment

RECEIVED

SEP 21 1992

DIVISION OF  
OIL GAS & MINING

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

6. Lease Designation and Serial Number

433396

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well

Oil Well     Gas Well     Other (specify) Coalbed Methane

9. Well Name and Number

Jensen #11-10

2. Name of Operator

PG&E Resources Company

10. API Well Number

43-007-30164

3. Address of Operator

6688 N. Central Expressway, Dallas, TX 75260

4. Telephone Number

(214) 750-3958

11. Field and Pool, or Wildcat

5. Location of Well

Footage : 1735' FWL & 1461' FSL  
QQ, Sec. T., R., M. : NE SW Sec. 10, T12S-R10E

County : Carbon

State : UTAH

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

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

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *                                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                   | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                                 | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                         | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                                  | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Spud/Set Surface Casing</u> |   |

Date of Work Completion \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

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

The above referenced well was spud 8/27/92. Ran 8 5/8", 24#, K-55, ST&C casing to 500' G.L. Cement w/370 sx Premium +2% CaCl2 + 1/4# flocele.

**RECEIVED**

SEP 21 1992

DIVISION OF  
OIL GAS & MINING

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

Name & Signature

*Ava Hurst*

Ava Hurst

Title

Production Administrator

Regulatory Affairs Date 9/16/92

(State Use Only)

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

6. Lease Designation and Serial Number

433396

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well

Oil Well     Gas Well     Other (specify) Coalbed Methane

9. Well Name and Number

Jensen #11-10

2. Name of Operator

PG&E Resources Company

10. API Well Number

3. Address of Operator

6688 N. Central Expressway, Dallas, TX 75260

4. Telephone Number

(214) 750-3958

11. Field and Pool, or Wildcat

5. Location of Well

Footage : 1735' FWL & 1461' FSL

County : Carbon

QQ, Sec. T., R., M. : NE SW Sec. 10, T12S-R10E

State : UTAH

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

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

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *                                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                   | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                                 | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                         | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                                  | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Spud/Set Surface Casing</u> |   |

Date of Work Completion \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

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

The above referenced well was spud 8/27/92. Ran 8 5/8", 24#, K-55, ST&C casing to 500' G.L. Cement w/370 sx Premium +2% CaCl2 + 1/4# flocele.

**RECEIVED**

SEP 21 1992

DIVISION OF  
OIL GAS & MINING

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

Name & Signature

*Ava Hurst*

Ava Hurst

Title

Production Administrator

Regulatory Affairs Date 9/16/92

(State Use Only)



FYI - FRM  
~~TAB~~  
- LWP

11. UT910114-010

USDA/Forest Service: Revised Notice of Intent to prepare an environmental impact statement on the Mexican Spotted Owl. Federal Register notice 7-31-92, page 33934.

V. SHORT TURNAROUND

**\*Please Note! Due to the short turnaround please comment directly to the Agency with a copy to OPB.**

A. State

12. UT920807-010

Don  
[Signature]

PG & E Resources

Division of Oil, Gas & Mining/Carbon County: Application for Permit to Drill - Proposal to drill a wildcat well, the Jensen No. 11-10 well, on a private lease (Sec. 10, T12S, R10E). Comments due 8-25-92. 13-007-30164

13. UT920807-020

PG & E

Division of Oil, Gas & Mining/Carbon County: Application for Permit to Drill - Proposal to drill a wildcat well, the Jensen No. 9-10 well, on a private lease (Sec. 10, T12S, R10E). Comments due 8-25-92.

14. UT920807-030

PG & E

Division of Oil, Gas & Mining/Carbon County: Application for Permit to Drill - Proposal to drill a wildcat well, the Jensen No. 5-10 well, on a private lease (Sec. 10, T12S, R10E). Comments due 8-21-92.

15. UT920810-070

PG & E

Division of Oil, Gas & Mining/Carbon County: Application for Permit to Drill - Proposal to drill a wildcat well, the Jensen 7-15 well, on a private lease (Sec. 15, T12S, R10E). Comments due 8-25-92.

# SOUTHEASTERN UTAH ASSOCIATION OF LOCAL GOVERNMENT

WILLIAM D. HOWELL  
Executive Director

P. O. Drawer  
1106

• Price, Utah 84501 • Telephone 637-5444

## AREAWIDE CLEARINGHOUSE A-95 REVIEW

14 01 07

NOI \_\_\_ Preapp \_\_\_ App \_\_\_ State Plan \_\_\_ State Action X Subdivision \_\_\_ (ASP # 8-86-9,10,11)

Other (indicate) \_\_\_\_\_ SAI Number UT920807-010,020,030

### Applicant (Address, Phone Number):

Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Ste 350  
Salt Lake City, Utah 84180-1203

### Federal Funds:

Requested: \_\_\_\_\_

### Title:

APPLICATION FOR PERMIT TO DRILL

RECEIVED

SEP 02 1992

DIVISION OF  
OIL GAS & MINING

- No comment
- See comments below
- No action taken because of insufficient information
- Please send your formal application to us for review. Your attendance is requested

The applicant should forward any written review comments to the funding agency. Any written response to those comments should be forwarded to the State Clearinghouse and also to the funding agency.

### Comments:

Marilyn Van Dagon  
Authorizing Official

8-31-92  
Date

September 4, 1992

RECEIVED

SEP 08 1992

DIVISION OF  
OIL GAS & MINING



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

Re: State #2-16  
Federal #4-13  
Federal #4-15  
Jensen #5-10  
Jensen #7-15  
Jensen #11-10  
Jensen #9-10  
State #9-16  
Jensen #16-10

Gentlemen:

Enclosed please find Form 6 Entity Action Form for the above referenced wells.

If you should require additional information, please contact me at (214) 750-3988.

Yours very truly,

Jim LaFevers  
Regulatory Affairs Supervisor

JL:ah

Enclosures



State of Utah  
 OFFICE OF PLANNING AND BUDGET  
 Resource Development Coordinating Committee

Charles E. Johnson, CPA  
 Office Director  
 Brad T. Barber  
 Office Deputy Director  
 Rod D. Millar  
 Committee Chairman  
 John A. Harja  
 Executive Director

116 State Capitol  
 Salt Lake City, Utah 84114  
 (801) 538-1027

September 25, 1992

RECEIVED

SEP 28 1992

DIVISION OF  
 OIL GAS & MINING

Frank R. Matthews  
 Division of Oil, Gas, and Mining  
 3 Triad Center, Suite 350  
 355 West North Temple  
 Salt Lake City, Utah 84180-1203

SUBJECT: PG&E Application for Permit to Drill - Jensen #11-10  
 State Identifier Number: UT920807-010

43-007-30164  
 SEC 10 T125 R 10E

Dear Mr. Matthews:

The Resource Development Coordinating Committee, representing the State of Utah, has reviewed this proposal. The Division of State History comments:

The Utah State Historic Preservation Office has reviewed our cultural resource files for the above requested project area. No historic properties have been recorded within the project area because no historic properties surveys have been conducted. Such sites may exist in the area.

A survey of the area may identify historic properties, some of which may be eligible for the National Register of Historic Places. It is your responsibility to determine the need for further actions, such as field surveys, to identify historic properties. A list of contractors approved to do these surveys is available from our office on your request. We will be glad to comment on any determinations of eligibility (36 CFR 60.4) or effects (36 CFR 800.5) if surveys are completed.

This information is provided on request to assist the Division of Oil, Gas, and Mining in identifying historic properties, as specified in 36 CFR 800 for Section 106 consultation procedures. If you have questions or need additional historic assistance, please contact Jim Dykman [reference Case No. 92-1222] at 533-7039.

The Committee appreciates the opportunity to review this proposal. Please direct any other written questions regarding this correspondence to the Utah State Clearinghouse at the above address or call Carolyn Wright at (801) 538-1535 or John Harja at (801) 538-1559.

Sincerely,

Brad T. Barber  
 State Planning Coordinator

BTB/rpj

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

Lease Designation and Serial Number 433396
7. Indian Allottee or Tribe Name N/A
8. Unit or Communitization Agreement N/A

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) Coalbed Methane		9. Well Name and Number Jensen #11-10
2. Name of Operator PG&E Resources Company		10. API Well Number 43-007-30164
3. Address of Operator 6688 N. Central Expressway, Dallas, TX 75206	4. Telephone Number (214) 750-3958	11. Field and Pool, or Wildcat
5. Location of Well Footage : 1775' FWL & 1461' FSL OO, Sec. T., R., M. : NE SW Sec. 10, T12S-R10E		County : Carbon State : UTAH

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Recompletion <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Water Shut-Off <input checked="" type="checkbox"/> Other Well History _____
Approximate Date Work Will Start _____	Date of Work Completion _____
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

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

Attached is the well history for the above referenced well.

**RECEIVED**  
OCT 13 1992  
DIVISION OF  
OIL GAS & MINING

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

Name & Signature Ava Hurst                      Ava Hurst                      Title Regulatory Affairs                      Date 10/7/92

(State Use Only)

## WELL HISTORY

11-10 Jensen  
Castlegate Area  
Carbon County, UT

08-19-92 Building location.  
08-20-92 Building location.  
08-21-92 Building location & pit.  
08-22-92 Fin location, WO spudder rig.  
08-23-92 WO spudder rig.  
08-24-93 WO spudder rig.  
08-25-92 Location ready. WO Leon Ross Drlg Co to drl surf hole. CC \$15,196.  
08-26-92 Prep to MI spudder rig today.  
08-27-92 MI spudder rig. Drl 12-1/4" hole to 410', srvy .25° @ 250'.  
08-28-92 Drlg 12-1/4" hole to 505' GL. SDFN. Will run & cmt 8-5/8" today.  
08-29-92 Ran 8-5/8", 24#, K-55, ST&C to 500' GL, cmted w/ 370 sx Prem + 2% CaCl<sub>2</sub> & 1/4# Flocele, circ cmt to surf.  
08-30-92 WO Circle L #18.  
08-31-92 WO Circle L #18. CC \$37,315.  
09-01-92 WO Circle L #18. CC \$37,315.  
09-02-92 WO Circle L #18. CC \$37,315.  
09-03-92 WO Circle L #18. CC \$38,584.

## WELL HISTORY

11-10 Jensen  
Castlegate Area  
Carbon County, UT

- 09-04-92 Moving in Circle L Rig 18. CC \$52,898.
- 09-05-92 RU Circle L Rig #18. NU & tstd BOP's to 2000# & csg to 1500#. PU DC's to drl out.
- 09-06-92 Drlg 892', day 1, 378'/13 hrs, MW 8.3, Visc 26, WL N/C. Fin PU DC's & drl out, trip for BHA, srvy 1° @ 497'.
- 09-07-92 Drlg 1600', day 2, 708'/21.5 hrs, MW 8.3, Visc 26, WL N/C. Srvy 1.75° @ 1034', 1.25° @ 1539'.
- 09-08-92 Drlg 2249', day 3, 649'/23 hrs, MW 8.4, Visc 26, WL N/C. Srvy 1.5° @ 1922'. CC \$82,407.
- 09-09-92 Drlg 3010', day 4, 761'/22.5 hrs, MW 8.4, Visc 26, WL N/C. Srvy 2° @ 2500'. Elev: 7306' GL, 7320' KB. CC \$88,321.
- 09-10-92 Drlg 3500', day 5, 4980'/19.5 hrs, MW 8.4, Visc 26, WL N/C. Srvy 4.25° @ 3035'. CC \$100,082.
- 09-11-92 Drlg 3870', day 6, 370'/23.5 hrs, MW 8.8, Visc 31, WL 15.3. Srvy 4.25° @ 3525'. CC \$107,943.
- 09-12-92 Drlg 4052', day 7, 182'/15 hrs, MW 8.9, Visc 31, WL 14.9. Trip for cracked DC & leaking jars.
- 09-13-92 Drlg 4345', day 8, 293'/23 hrs, MW 8.8, Visc 31, WL 14.5. Srvy 5.5° @ 4064'.
- 09-14-92 Depth 4600', circ for logs, day 9, 255'/15 hrs, MW 8.9, Visc 36, WL 13.6. Drl to TD, C&C for logs. CC \$132,493.

## WELL HISTORY

11-10 Jensen  
Castlegate Area  
Carbon County, UT

- 09-15-92 Depth 4612', prep to cmt, day 10, MW 8.9, Visc 36, WL 11.7. C&C for logs, RU HLS & log w/ DIGL-GR-SP & SDL-SDN-GR-Cal-PE. C&C for csg, LD DP, ran 5-1/2", 17#, N-80, LT&C csg, circ prior to cmtg, SLM correction to 4612' TD. CC \$186,065.
- 09-16-92 PBTD 4566', rig rel, day 11. Cmtd 1st stage w/ 290 sx 50/50 Poz + add, open DV & circ 15 Bbl cmt to surf, cmtd 2nd stage w/ 330 sx Silicalite followed w/ 50 sx Class G, circ cmt to surf, closed DV & set slips. RR @ 3:00pm 9-15-92. CC \$201,630. DROP UNTIL COMPLETION.

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

RECEIVED

OCT 30 1992

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-completions and recompletions of existing wells. Use APPLICATION FOR PERMIT— for such proposals.

6. Lease Designation and Serial Number 433396
7. Indian Allottee or Tribe Name N/A
8. Unit or Communitization Agreement N/A
9. Well Name and Number Jensen #11-10
10. API Well Number 43-007-30164
11. Field and Pool, or Wildcat Wildcat

1. Type of Well  
 Oil Well     Gas Well     Other (specify)    CBM

2. Name of Operator  
PG&E Resources Company

3. Address of Operator  
6688 N. Central Expressway, Dallas, TX 75206

4. Telephone Number  
(214) 750-3958

5. Location of Well  
 Footage : 1775' FWL & 1461' FSL  
 CO, Sec. T., R., M. : NE SW Sec. 10, T12S-R10E  
 County : Carbon  
 State : UTAH

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Temporary Abandon</u>	

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
 \* Must be accompanied by a cement verification report.

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

PG&E Resources Company has temporarily abandoned this well as of 9/15/92.

PG&E Resources Company intends to re-enter and complete the well in early 1993, at which time a Sundry Notice will be filed reflecting the proposed work for Division of Oil, Gas and Mining approval.

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

Name & Signature Ava Hurst    Ava Hurst    Title Regulatory Affairs    Date 10/27/92  
 (State Use Only)



April 20, 1993

RECEIVED

APR 21 1993

DIVISION OF  
OIL GAS & MINING

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Attention: Mr. Frank Mathews

RE: Castlegate CBM Project  
Carbon County, Utah

Gentlemen:

Attached is an original and one (1) copy of Form 9 "Sundry Notices and Reports on Wells," completion procedure and a schedule of the wells for the referenced project.

If you have any questions or need further information, please contact the undersigned at 214/706-3640.

Very truly yours,

Cindy Keister  
Regulatory Analyst

CRK/ck

Attachments

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

6. Lease Designation and Serial Number  
See Attached Schedule "A"

7. Indian Allottee or Tribe Name  
NA

8. Unit or Communitization Agreement  
NA

9. Well Name and Number  
See Attached Schedule "A"

10. API Well Number  
See Attached Schedule "A"

11. Field and Pool, or Wildcat  
Wildcat

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well  
 Oil Well  Gas Well  Other (specify)

2. Name of Operator  
PG&E Resources Company

3. Address of Operator  
6688 N. Central Expwy., Dallas, TX 75206

4. Telephone Number  
214/750-3800

5. Location of Well  
Footage : See Attached Schedule "A" 43-007-30164  
OO, Sec. T., R., M. : JENSEN 11-10

County : Carbon  
State : UTAH  
Sec 10, T12S, R10E

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other Complete Wells
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start 05/01/93

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- Abandonment \*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Work Completion \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

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

PG&E Resources Company requests approval for the attached Completion Procedure for the wells listed on Schedule "A". Daily reports will be furnished when completion operations commence.

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

4-22-93  
*J. Matthews*

**RECEIVED**

APR 21 1993

DIVISION OF  
OIL GAS & MINING

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

Name & Signature

*Cindy Keister*

Cindy Keister

Title Regulatory Analyst

Date 04/20/93

(State Use Only)

CASTLEGATE  
SCHEDULE 'A'

WELL NAME	LEASE SERIAL NO.	API NUMBER	Location	Qtr Sec.	Sec	Twncshp	Range	County
State 2-16	UTU-65949	43-007-30133	780' FNL & 1971' FEL	NE NE	16	12S	10E	Carbon
Federal 4-13	UTU-65949	43-007-30126	1174' FNL & 1168' FWL	NW NW	13	12S	10E	Carbon
Federal 4-14	UTU-65949	43-007-30138	660' FNL & 450' FWL	NW NW	15	12S	10E	Carbon
Jensen 5-10	433396	43-007-30162	2065' FNL & 570' FWL	SW NW	10	12S	10E	Carbon
Jensen 7-15	FEE	43-007-30165	1650' FNL & 1650' FEL	SW NE	15	12S	10E	Carbon
Jensen 9-10	433396	43-007-30159	2559' FSL & 909' FEL	NE SE	10	12S	10E	Carbon
State 9-16	UTU-65949	43-007-30132	1993' FSL & 702' FEL	NE SE	16	12S	10E	Carbon
Shimmin Trust 10-11	FEE	43-007-30167	1999' FSL & 2006' FEL	NW SE	11	12S	10E	Carbon
Jensen 11-10	433396	43-007-30164	1735' FWL & 1461' FSL	NE SW	10	12S	10E	Carbon
Shimmin Trust 11-11	FEE	43-007-30166	2313' FSL & 1501' FWL	NE SW	11	12S	10E	Carbon
Jensen 11-15	FEE	43-007-30175	1896' FSL & 1709' FWL	NE SW	15	12S	10E	Carbon
Shimmin Trust 12-12	FEE	43-007-30168	2340' FSL & 1033' FWL	NW SW	12	12S	10E	Carbon
Shimmin Trust 14-12	FEE	43-007-30169	721' FSL & 2047' FWL	SE SW	12	12S	10E	Carbon
Federal 14-13	UTU-65949	43-007-30177	914' FSL & 1677' FWL	SE SW	13	12S	10E	Carbon
Federal 14-14	UTU-65949	43-007-30173	990' FSL & 1649' FWL	SE SW	14	12S	10E	Carbon
Jensen 16-9	FEE	43-007-30163	1198' FSL & 1059' FEL	SE SE	9	12S	10E	Carbon
Jensen 16-10	FEE	43-007-30161	330' FSL & 330' FEL	SE SE	10	12S	10E	Carbon
Federal 16-14	UTU-65949	43-007-30174	1124' FSL & 964' FEL	SE SE	14	12S	10E	Carbon
Federal 16-15	UTU-65949	43-007-30176	1091' FSL & 1043' FEL	SE SE	15	12S	10E	Carbon

APRIL 20, 1993

**CASTLEGATE PROJECT**  
**TYPICAL PRODUCING WELL COMPLETION PROCEDURE**  
**(5-1/2", 17#, N-80 CSG)**

1. MIRU WELL SERVICE UNIT.
2. GIH W/RB ON 2-7/8" TBG & D.O. DV TOOL.
3. CIRC HOLE CLEAN - TEST CSG TO 5000 PSI.
4. RUN CBL (IF REQUIRED).
5. PERFORATE LOWER STAR POINT COAL SECTION (TYPICALLY AROUND 4750' FOR ABOUT 60' OF GROSS INTERVAL, APPROX 20-30 HOLES).
6. TREAT LOWER COAL SEAM PERFS DOWN CSG W/1500 GALS 15% FE ACID W/ BALL SEALERS (TO OPEN ALL PERFS).
7. TREAT LOWER COAL SEAM PERFS DOWN CSG W/APPROX 60,000 GALS OF CMHEC CLEAN GEL SYSTEM W/90,000# 20/40 SD & 35,000# OF 100 MESH SD. EXPECT TO TREAT @ 60 BPM X 6000 PSI.
8. FORCE CLOSE FRAC.
9. FLOWBACK LOAD WATER.
10. SET RBP ON WL OVER LOWER COAL SEAM INTERVAL.
11. PERFORATE & TREAT UPPER COAL SEAM INTERVAL (TYPICALLY 4450' +/- SPREAD OVER 200'-300', 35 TOTAL HOLES).
12. DO BD ACID JOB AND FRAC AS BEFORE ON THE LOWER INTERVAL.
13. FORCE CLOSE FRACTURE.
14. FLOWBACK FRAC LOAD UP THE CSG.
15. RETRIEVE RBP W/TBG.
16. RUN MOYNO PRODUCTION PUMPING EQUIPMENT ON 2-7/8" N-80 TBG.
17. COMMENCE DE-WATERING OPERATIONS.

September 27, 1993



RECEIVED

OCT 07 1993

DIVISION OF  
OIL, GAS & MINING

State of Utah Dept. of Natural Resources  
Division of Oil, Gas & Mining  
355 West Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84186

RE: Jensen 11-10  
Section 10, T12S-R10E  
Carbon County, Utah

Gentlemen:

Attached is an original and two copies of Form 8 "Well Completion or Recompletion Report and Log" for the referenced well.

If you have any questions or need further information, please contact the undersigned at (214) 706-3640.

Very truly yours,

Cindy R. Keister  
Sr. Regulatory Analyst

CRK/ck

Attachments

cc: Regulatory File  
Central Files

DIVISION OF OIL, GAS AND MINING

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>						5. LEASE DESIGNATION AND SERIAL NO. Fee	
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other _____						7. UNIT AGREEMENT NAME NA	
2. NAME OF OPERATOR PG&E Resources Company						8. FARM OR LEASE NAME Jensen	
3. ADDRESS OF OPERATOR 6688 N. Central Expwy., Suite 1000, Dallas, TX 75206						9. WELL NO. 11-10	
4. LOCATION OF (Report location clearly and in accordance with any State requirements)* At surface 1461' FSL & 1735' FWL NE/4 SW/4 At top prod. interval reported below Same At total depth Same						10. FIELD AND POOL, OR WILDCAT Wildcat 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 10, T12S-R10E	
14. API NO. 42-007-30164		DATE ISSUED 08/25/92		12. COUNTY Carbon	13. STATE Utah		
15. DATE SPUDED 08/27/92	16. DATE T.D. REACHED 09/14/92	17. DATE COMPL. (Ready to prod.) or (Plug & Abd.) 09/04/93	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 7320' RKB	19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 4612'	21. PLUG, BACK T.D., MD & TVD 4567'	22. IF MULTIPLE COMPL., HOW MANY	23. INTERVALS DRILLED BY →	ROTARY TOOLS X	CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD) 4121' - 4491' Blackhawk/Kenilworth MVDCL					25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard/Spectral Density Dual Spaced Neutron			27. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) DRILL STEM TEST YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)				
<b>28. CASING RECORD (Report all strings set in well)</b>							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
8-5/8"	24#	500'	12-1/4"	370sx Premium w/additives		0	
5-1/2"	17#	4612'	7-7/8"	290sx 50/50 Poz w/additives		0	
		DV Tool @3305'		330sx 50/50 Poz w/additives			
<b>29. LINER RECORD</b>				<b>30. TUBING RECORD</b>			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4521'	NA
31. PERFORATION RECORD (Interval, size and number) 4121' - 4491' 0.45" 37 Holes				32. ACID, SHOT, FRACTURE, CEMENT DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED See Attached			
<b>33. PRODUCTION</b>							
DATE FIRST PRODUCTION 09/10/93	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Hyland Progressive Cavity Pump				WELL STATUS (Producing or shut-in) Shut-In		
DATE OF TEST 09/11/93	HOURS TESTED 24	CHOKE SIZE NA	PROD'N. FOR TEST PERIOD 0	GAS--MCF. 202	WATER--BBL. 1076	GAS-OIL RATIO NA	
FLOW. TUBING PRESS. NA	CASING PRESSURE 100	CALCULATED 24-HOUR RATE →	OIL--BBL. 0	GAS--MCF. 202	WATER--BBL. 1076	OIL GRAVITY-API (CORR.) NA	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Well is currently shut-in waiting on completion of central processing facility.					TEST WITNESSED BY Mike McMican		
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <i>Cindy R. Kuster</i>		TITLE Sr. Regulatory Analyst			DATE 09/27/1993		

CONFIDENTIAL

## INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on 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) 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.

**38.**

**GEOLOGIC MARKERS**

Formation	Top	Bottom	Description, contents, etc.	Name	Top	
					Meas. Depth	True Vert. Depth
Blackhawk	3662'	4382'	Natural gas	Price River ss		2918'
Kenilworth	4383"	4574'	Natural gas	Castlegate ss		3342'
				Blackhawk		3662'
				Kenilworth ss		4383'
				Aberdeen ss		4575'

RECEIVED

OCT 07 1993

DIVISION OF  
OIL, GAS & MINING





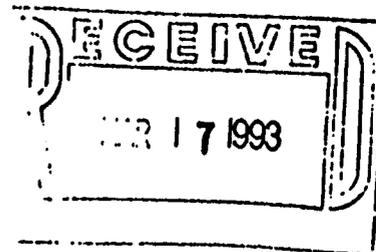
State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangert  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Tread Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340



March 12, 1993

PG&E Resources Company  
6688 North Central Expressway  
Dallas Texas 75206

Gentlemen:

Re: Conversion of the Jensen 16-10, Jensen 9-10, Shimmin Trust 11-11, and Shimmin Trust 10-11 wells located in Sections 10 and 11, Township 12 South, Range 10 East, Carbon County, Utah, to Water Disposal Wells

In accordance with Utah Admin. R. 649-5-3-3, administrative approval for conversion of the referenced wells to Class II injection wells is granted.

The following actions are necessary to fully comply with this approval:

1. Compliance with the UIC requirements for operation, maintenance and reporting for Class II injection wells.
2. Conformance with all conditions of the submitted applications.

If you have any questions regarding this approval or the necessary requirements, please contact this office.

Sincerely,

R.J. Firth  
Associate Director, Oil and Gas

cc: BLM, Price  
R.J. Firth  
WUI229





# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangert

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

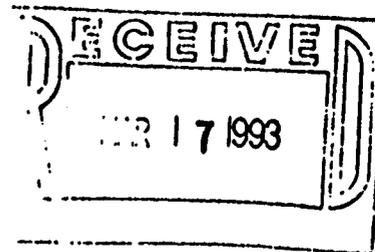
Division Director

355 West North Temple

3 Trad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340



March 12, 1993

PG&E Resources Company  
6688 North Central Expressway  
Dallas Texas 75206

Gentlemen:

Re: Conversion of the Jensen 16-10, Jensen 9-10, Shimmin Trust 11-11, and Shimmin Trust 10-11 wells located in Sections 10 and 11, Township 12 South, Range 10 East, Carbon County, Utah, to Water Disposal Wells

In accordance with Utah Admin. R. 649-5-3-3, administrative approval for conversion of the referenced wells to Class II injection wells is granted.

The following actions are necessary to fully comply with this approval:

1. Compliance with the UIC requirements for operation, maintenance and reporting for Class II injection wells.
2. Conformance with all conditions of the submitted applications.

If you have any questions regarding this approval or the necessary requirements, please contact this office.

Sincerely,

R.J. Firth  
Associate Director, Oil and Gas

cc: BLM, Price  
R.J. Firth  
WUI229

FORM 8  
ATTACHMENT  
JENSEN 11-10

No. 32	<u>Depth Interval (MD)</u>	<u>Amount and Kind of Material Used</u>
	3900' & 4060'	Squeeze 150sx Class "G" Cement w/additives.
	4121' - 4491'	10000 gals Filtered 1% KCL wtr. + 61000 gals Alum & Zirc Dual XL CMHEC gel + 36000# 100 mesh sd + 69000# 16/30 Ottawa Sd. + 20000# 16/30 curable resin coated sd.



# State of Utah

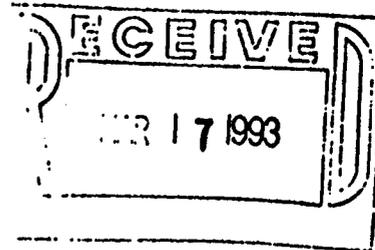
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangert  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340



March 12, 1993

PG&E Resources Company  
6688 North Central Expressway  
Dallas Texas 75206

Gentlemen:

Re: Conversion of the Jensen 16-10, Jensen 9-10, Shimmin Trust 11-11, and Shimmin Trust 10-11 wells located in Sections 10 and 11, Township 12 South, Range 10 East, Carbon County, Utah, to Water Disposal Wells

In accordance with Utah Admin. R. 649-5-3-3, administrative approval for conversion of the referenced wells to Class II injection wells is granted.

The following actions are necessary to fully comply with this approval:

1. Compliance with the UIC requirements for operation, maintenance and reporting for Class II injection wells.
2. Conformance with all conditions of the submitted applications.

If you have any questions regarding this approval or the necessary requirements, please contact this office.

Sincerely,

R.J. Firth  
Associate Director, Oil and Gas

cc: BLM, Price  
R.J. Firth  
WUI229

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT—for such proposals.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (Specify)		6. Lease Designation and Serial Number Fee
2. Name of Operator PG&E Resources Company		7. Indian Allottee or Tribe Name NA
3. Address of Operator 6688 N. Central Expwy., Suite 1000, Dallas, TX 75206		8. Unit or Communitization Agreement NA
4. Telephone Number (214) 750-3800		9. Well Name and Number Jensen 11-10
5. Location of Well Footage : 1461' FSL & 1735' FWL County : Carbon QQ. Sec. T., R., M. : NE/4 SW/4 Sec. 10, T12S-R10E State : UTAH		10. API Well Number 43-007-30164
		11. Field and Pool, or Wildcat Wildcat

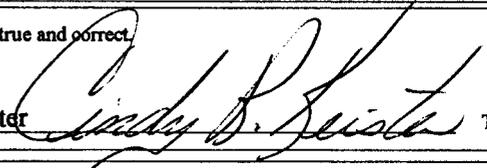
**12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

<p><b>NOTICE OF INTENT</b> (Submit in Duplicate)</p> <p><input type="checkbox"/> Abandonment                      <input type="checkbox"/> New Construction  <input type="checkbox"/> Casing Repair                      <input type="checkbox"/> Pull or Alter Casing  <input type="checkbox"/> Change of Plans                      <input type="checkbox"/> Recompletion  <input type="checkbox"/> Conversion to Injection              <input type="checkbox"/> Shoot or Acidize  <input type="checkbox"/> Fracture Treat                      <input type="checkbox"/> Vent or Flare  <input type="checkbox"/> Multiple Completion              <input type="checkbox"/> Water Shut-Off  <input checked="" type="checkbox"/> Other <u>NTL-2B</u></p> <p>Approximate Date Work Will Start _____</p>	<p><b>SUBSEQUENT REPORT</b> (Submit in Duplicate)</p> <p><input type="checkbox"/> Abandonment *                      <input type="checkbox"/> New Construction  <input type="checkbox"/> Casing Repair                      <input type="checkbox"/> Pull or Alter Casing  <input type="checkbox"/> Change of Plans                      <input type="checkbox"/> Shoot or Acidize  <input type="checkbox"/> Conversion to Injection              <input type="checkbox"/> Vent or Flare  <input type="checkbox"/> Fracture Test                      <input type="checkbox"/> Water Shut-Off  <input type="checkbox"/> Other _____</p> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>
---	--

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

PG&E Resources Company requests approval to dispose of produced water from the referenced well into off-lease injection well(s) located in Section 10 and 11 of T12S-R10E, Carbon County, Utah. The produced water will flow via a gathering line to a central processing facility (CPF) where it will be consolidated with other produced water from the field prior to entering the injection header for disposal into one of the four injection wells. A copy of the State of Utah, UIC Permit is included for your review.

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

Name & Signature Cindy R. Keister  Title Sr. Regulatory Analyst Date 12/20/1993

(State Use Only)

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

**CONFIDENTIAL**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. Lease Designation and Serial Number Fee
7. Indian Allottee or Tribe Name NA
8. Unit or Communization Agreement NA
9. Well Name and Number Jensen 11-10
10. API Well Number 43-007-30164
11. Field and Pool, or Wildcat Wildcat

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (Specify)
2. Name of Operator PG&E Resources Company
3. Address of Operator 6688 N. Central Expwy., Suite 1000, Dallas, TX 75206
4. Telephone Number (214) 750-3800
5. Location of Well Footage : 1461' FSL & 1735' FWL County : Carbon QQ. Sec. T., R., M. : NE/4 SW/4 Sec. 10, T12S-R10E State : UTAH

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit in Duplicate)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Test	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>First Sales</u>	

Date of Work Completion \_\_\_\_\_ 03/07/1994

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
\* Must be accompanied by a cement verification report.

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

PG&E Resources Company turned the referenced well into the gas sales line on March 7, 1994. The Jensen 11-10 is producing at an estimated rate of 88 MCFD & 69 BWPD on pump.

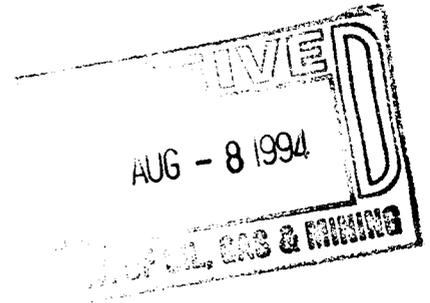


14. I hereby certify that the foregoing is true and correct.

Name & Signature Cindy R. Keister *Cindy B. Keister* Title Sr. Regulatory Analyst Date 03/14/1994

(State Use Only)

August 2, 1994



STATE OF UTAH  
Division of Oil Gas & Mining  
355 W. North Temple  
3 Triad Center - Suite 350  
Salt Lake City, UT 84180

ATTENTION: Lisha Cordova

RE: Change of Operator  
Castlegate Wells  
Carbon County, Utah

Dear Lisha:

Enclosed please find the following documents in connection with the above captioned transfer of operations to Anadarko Petroleum Corporation effective as of August 1, 1994.

- 1) Copies of 8 BLM Sundry Notices (Form 3160-5)
- 2) Originals of 21 Utah Sundry Notices (Form 9)
- 3) Originals of 4 Transfers of Authority to Inject (UIC Form 5)

If additional information is needed in this regard, please contact the undersigned or Mr. L. Steve Hamilton with Anadarko at (405) 475-7000.

Sincerely,

Rejanna Barrow  
Sr. Proration Analyst  
(214) 750-3120

Enclosures (33)

cc: Mr. L. Steve Hamilton  
Anadarko Petroleum Corporation  
Oklahoma City, OK

Note: Please furnish both Operators a copy of the approved Sundry.

Form 9

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

6. Lease Designation and Serial Number FEE
7. Indian Allottee or Tribe Name N/A
8. Unit or Communitization Agreement N/A
9. Well Name and Number Jensen 11-10
10. API Well Number 43-007-30164
11. Field and Pool, or Wildcat Wildcat

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well  
 Oil Well     Gas Well     Other (specify)

2. Name of Operator  
Anadarko Petroleum Corporation

3. Address of Operator 9400 N. Broadway - Suite 700  
Oklahoma City, OK 73114

4. Telephone Number  
(405) 475-7000

5. Location of Well  
Footage : 1461' FSL & 1735' FWL  
OO, Sec. T., R. M. : NE/4 SW/4, Sec. 10, T12S, R10E  
County : Carbon  
State : UTAH

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

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

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

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- Abandonment \*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
\* Must be accompanied by a cement verification report.

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

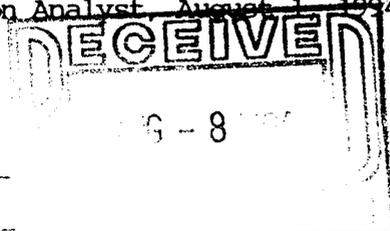
Please be advised that PG&E Resources Company is hereby transferring operations and Anadarko Petroleum Corporation is hereby assuming operations and will be responsible for the above described well effective as of August 1, 1994.

Bond coverage for this well is provided by Anadarko Petroleum Corporation's Statewide Blanket Bond #224351

PG&E Resources Company hereby agrees to the foregoing transfer.

By: Rejeha Banow, Sr. Proration Analyst, August 1, 1994

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
Aug. 11, 1994  
Lisa Cordova



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

Name & Signature [Signature]

Title Division Admin. Mgr. Date 8/1/94

(State Use Only)



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

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

August 19, 1994

Ms. Rejahna Barrow  
PG & E Resources Company  
6688 N. Central Expressway #1000  
Dallas, Texas 75206-3922

Re: Notification of Sale or Transfer of Fee Lease Interest - Carbon County, Utah

Dear Ms. Barrow:

The division has received notification of a change of operator from PG & E Resources Company to Anadarko Petroleum Corporation for the following wells which are located on fee leases.

Jensen 7-15	Section 15, T.12S., R.10E	API No. 43-007-30165
Shimmin Trust 11-11	Section 11, T.12S., R.10E.	API No. 43-007-30166
Jensen 16-9	Section 9, T.12S., R.10E.	API No. 43-007-30163
Shimmin Trust 12-12	Section 12, T.12S., R.10E.	API No. 43-007-30168
Jensen 11-15	Section 15, T.12S., R.10E.	API No. 43-007-30175
Shimmin Trust 14-12	Section 12, T.12S., R.10E.	API No. 43-007-30169
Shimmin Trust 10-11	Section 11, T.12S., R.10E.	API No. 43-007-30167
Shimmin Trust 3	Section 14, T.12S., R.10E.	API No. 43-007-30119
Shimmin Trust 1	Section 11, T.12S., R.10E.	API No. 43-007-30120
Shimmin Trust 2	Section 14, T.12S., R.10E.	API No. 43-007-30121
Shimmin Trust 5	Section 14, T.12S., R.10E.	API No. 43-007-30122
Shimmin Trust 4	Section 11, T.12S., R.10E.	API No. 43-007-30123
Jensen 16-10	Section 10, T.12S., R.10E.	API No. 43-007-30161
Jensen 9-10	Section 10, T.12S., R.10E.	API No. 43-007-30159
Jensen 11-10	Section 10, T.12S., R.10E.	API No. 43-007-30164
Jensen 5-10	Section 10, T.12S., R.10E.	API No. 43-007-30162

Rule R.649-2-10 of the Utah Oil and Gas Conservation General Rules, requires that the owner of a lease provide notification to any person with an interest in such lease (working interest or royalty interest), when all or part of that interest in the lease is sold or transferred.



Page 2

Ms. Rejahna Barrow

August 19, 1994

This letter is written to advise PG & E Resources Company of its responsibility to notify all individuals with an interest in these leases of the change of operator. Please provide written documentation of this notification to the division no later than September 9, 1994.

Sincerely,



Don Staley  
Administrative Manager  
Oil and Gas

ldc

cc: R.J. Firth

WOI201

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

Routing:

1	EC / <del>PL</del>
2	LWP 7-PL ✓
3	<del>PL</del> 8-SJ ✓
4	VLC 9-FILE ✓
5	RJF ✓
6	LWP ✓

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: 8-01-94)

TO (new operator)	<u>ANADARKO PETROLEUM CORP.</u>	FROM (former operator)	<u>PG&amp;E RESOURCES COMPANY</u>
(address)	<u>9400 N BROADWAY STE 700</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>OKLAHOMA CITY OK 73114-7403</u>		<u>DALLAS TX 75206-3922</u>
	<u>L. STEVE HAMILTON, MGR</u>		<u>REJAHNA BARROW</u>
phone ( <u>405</u> )	<u>475-7000</u>	phone ( <u>214</u> )	<u>750-3922</u>
account no.	<u>N 0035</u>	account no.	<u>N0595</u>

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

Name: <b>**SEE ATTACHMENT**</b>	API: <u>007-30164</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 8-8-94)*
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 8-8-94)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- N/A 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.
- LWP 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *8-15-94*
- LWP 6. Cardex file has been updated for each well listed above. *8-12-94*
- LWP 7. Well file labels have been updated for each well listed above. *8-12-94*
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(8-11-94)*
- Lee 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.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple, 3 Tradd, 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): 6 / 94

AMENDED REPORT  (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
STATE 2-32B 4304732221	11371	09S 19E 32	WSTC					
STATE 9-36B 4304732249	11372	09S 19E 36	WSTC					
FEDERAL 11-24B 4304732223	11375	09S 19E 24	GRRV					
FEDERAL 1-26B 4304732248	11380	09S 19E 26	WSTC					
FEDERAL 7-9 4300730137	11382	12S 10E 9	MVDCL			- UTL65948		
STATE 2-16 4300730133	11399	12S 10E 16	✓ MVDCL			- ML-44443		
ERAL 4-13 4300730126	11400	12S 10E 13	MVDCL			- U65949		
FEDERAL 4-15 4300730138	11401	12S 10E 15	MVDCL			- UTL65949		
STATE 9-16 4300730132	11402	12S 10E 16	✓ MVDCL			- ML-44443		
JENSEN 16-10 4300730161	11403	12S 10E 10	✓ MVDCL			- (Dual Compl / ALSO WDW)		- FEE
JENSEN 9-10 4300730159	11404	12S 10E 10	✓ MVDCL			- (Dual Compl / ALSO WDW)		- FEE
JENSEN 11-10 4300730164	11405	12S 10E 10	✓ MVDCL			- FEE		
JENSEN 5-10 4300730162	11406	12S 10E 10	✓ MVDCL			- FEE		
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

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

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number  
Fee

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL  GAS  OTHER: Coalbed Methane

8. Well Name and Number:

Jensen #11-10

2. Name of Operator

Anadarko Petroleum Corporation

9. API Well Number:

43-007-30164

3. Address and Telephone Number.

17001 Northchase Dr., Houston, Texas 77060 (281) 875-1101

10. Field and Pool, or Wildcat

Castlegate

4. Location of Well

Footages: NE SW 1461' FSL & 1735' FWL  
QQ,Sec., T., R., M.: Sec. 10 T12S-R10E

County: Carbon  
State: Utah

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

NOTICE OF INTENT  
(Submit in Duplicate)

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

SUBSEQUENT REPORT  
(Submit Original Form Only)

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

Date of work completion \_\_\_\_\_

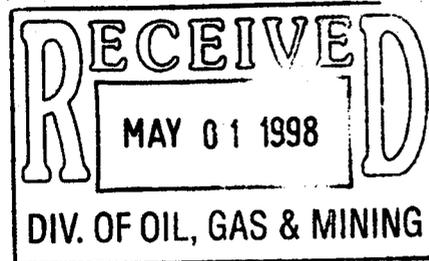
Approximate date work will start Early Spring

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

\* Must be accompanied by a cement verification report.

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

Please see attached "Well Diagram" for all wellbore information and geological markers.



13. Name & Signature Shad Frazier Title Production Engineer

Date 02/17/98

(This space for State use only)

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

DATE: 5-14-98  
BY: D. Jones (See Instructions on Reverse Side)



Petroleum Corporation

Plugging Procedure

Jensen #11-10  
Sec. 10-T12S-R10E 1461' FSL & 1735' FWL  
Carbon County, Utah

AFE: 501501  
WI: 100%  
API # 43-007-30164

**Purpose: Plug and Abandon Castlegate field**

---

Surf: 8-5/8", 24# K-55  
Prod: 5-1/2", 17# N-80 ( Drift = 4.767" )

---

Wireline: Halliburton, Vernal 801-789-2550  
Cementing: Halliburton, Vernal 801-789-2550

**Procedure:**

1. RDWH, NUBOP, BD casing pressure. MIRUWL. TIH W/ GR/JB to 44570. POH w/ GR/JB and pick up CIBP. Trip in hole and set CIBP @ +/- 4110(Do not set in collars). RDWL and move to next location.
2. MIRU Coiled Tubing equipment and cement unit
3. Mix and pump a minimum of 5 sacks class G cement and spot on top of CIBP @ +/- 4110.
4. POH to bottom of surface casing @ 514 and spot a 50 ft. plug.
5. Pull up hole to within 50 ft of surface and spot 50 ft plug.
6. Cut production casing off and mix and pump a 100 ft cement plug between csg and prod csg. NDBOP.
7. Reclaim location and install 4 ft. dead man marker with lease name, number, company name, and legal description.

\* all displacement fluid will contain non-corrosive fluid.

Prepared: Shad Frazier 4/29/98

Approved: SPR

Castlegate plugging.doc

cc: Steve Pearson  
Alan O'Donnell  
Kendall Madden  
Shad Frazier  
Tom Rushing  
WF - Jensen #11-10, Carbon County, Utah

# JENSEN #11-10

NE SW 1461' FSL & 1735' FWL: SEC 10 T12S-R10E  
API NO. 43-007-30164

SPUD RIG OFF  
SURFACE 08/27/1992 08/30/1992  
PRODUCTION 09/05/1992 09/15/1992

7306 GL 14 KB 7320

## WELL WORK HISTORY

12-1/4" Hole  
8-5/8" 24# K-55  
w/370 sxs cmt  
TOC @ Surface

08/24/1993 SQUEEZE JOB @ 3900-4060 w/ 150 SXS  
08/30/1993 F/4121-4491 w/54M GAL XL CMHEC, 38M# 100  
MESH, 72M# 16/30, 20M# 16/30 RC  
11/05/1993 FLUSHED ROTOR & STATOR  
12/18/1993 FLUSH ROTOR & STATOR, C/O SHEAVE TO 28"  
01/25/1994 RUN NEW STATOR FROM INJ WELL  
03/12/1994 NOT PUMPING, NEW HPC 120 PMP  
09/28/1995 RE-PERF COALS, PERF SANDS, AND ACIDIZE  
12/06/1995 CHANGE TO ROD PUMP  
08/18/1996 CHANGE ROD PUMP

DV Tool  
w/380 sxs cmt

514

TOC

3305

Sqz w/ 150 sxs cmt

TA

3718

(Holes)	Perforations
(3)	4120 - 4130
(3)	4185 - 4196
(3)	4228 - 4230
(3)	4268 - 4272
(4)	4291 - 4295
(4)	4327 - 4334
(32)	4384 - 4392
(3)	4436 - 4438
(3)	4458 - 4462
(4)	4486 - 4491
(48)	4520 - 4536
(64)	4546 - 4562
(174)	Total Holes

### NOTES:

#### TUBING BREAKDOWN

2-7/8"	JTS
TA	
2-7/8"	JTS
3-1/2"	JTS
SN	
TAG BAR	
2-7/8"	JTS
NC	
EOT	

#### ROD BREAKDOWN

PONIES	
1"	
7/8"	
3/4"	
1"	
1.5"	
PUMP	

SN

4519

EOT

4552

FILL

4561

7-7/8" Hole  
5-1/2", 17# N-80  
w/290 sxs cmt

4567

4612

TD 4612

DEVIATION ANGLE	FORMATION	TOP
530 1.8	PRICE RIVER	2918
1034 1.8	CASTLEGATE	3342
1539 1.3	BLACKHAWK	3662
1922 1.5	KENILWORTH	4383
2500 2	ABERDEEN	4575
3035 3.3	SPRING CANYON	
3525 4.3		
4064 5.5		
4580 6.3		

LAST REVISED: 04/30/1998

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial Number

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

1. Type of Well: OIL  GAS  OTHER: METHANE

8. Well Name and Number:

Jensen 11-10

2. Name of Operator

Anadarko Petroleum Corporation

9. API Well Number:

43-007-30164

3. Address and Telephone Number.

17001 Northchase Dr., Houston, Texas 77060

10. Field and Pool, or Wildcat

Castlegate Field

4. Location of Well

Footages: 1461' FSL & 1735' FWL

County: Carbon

QQ.Sec., T., R., M.: NE SW Sec. 10-T12S-R10E

State: Utah

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

NOTICE OF INTENT  
(Submit in Duplicate)

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

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

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

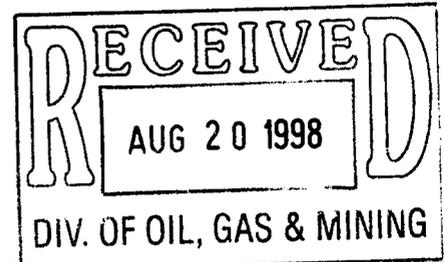
Date of work completion 06/15/98

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

\* Must be accompanied by a cement verification report.

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

SEE ATTACHED WELLBORE DIAGRAM AND DETAILED FIELD REPORT.



13. Name & Signature Shad Frazier

Title Engineer

Date 08/12/98

(This space for State use only)

# JENSEN #11-10

NE SW 1461' FSL & 1735' FWL: SEC 10 T12S-R10E  
API NO. 43-007-30164

SPUD RIG OFF  
SURFACE 08/27/1992 08/30/1992  
PRODUCTION 09/05/1992 09/15/1992

7306 GL 14 KB 7320

12-1/4" Hole  
8-5/8" 24# K-55  
w/370 sxs cmt  
TOC @ Surface

DV Tool  
w/380 sxs cmt

TOC

CIBP

(Holes)	Perforations
(3)	4120 - 4130
(3)	4185 - 4196
(3)	4228 - 4230
(3)	4268 - 4272
(4)	4291 - 4295
(4)	4327 - 4334
(32)	4384 - 4392
(3)	4436 - 4438
(3)	4458 - 4462
(4)	4486 - 4491
(48)	4520 - 4536
(64)	4546 - 4562
(174)	Total Holes

FILL

7-7/8" Hole  
5-1/2", 17# N-80  
w/290 sxs cmt

TD 4612

50  
100  
514  
3305  
3718  
3940  
4070  
4561  
4567  
4612

## WELL WORK HISTORY

08/24/1993 SQUEEZE JOB @ 3900-4060 w/ 150 SXS  
08/30/1993 F/4121-4491 w/54M GAL XL CMHEC, 38M# 100  
MESH, 72M# 16/30, 20M# 16/30 RC  
11/05/1993 FLUSHED ROTOR & STATOR  
12/18/1993 FLUSH ROTOR & STATOR, C/O SHEAVE TO 28"  
01/25/1994 RUN NEW STATOR FROM INJ WELL  
03/12/1994 NOT PUMPING, NEW HPC 120 PMP  
09/28/1995 RE-PERF COALS, PERF SANDS, AND ACIDIZE  
12/06/1995 CHANGE TO ROD PUMP  
08/18/1996 CHANGE ROD PUMP

### NOTES:

#### TUBING BREAKDOWN

2-7/8"	130 JTS
TA	4110
2-7/8"	13 JTS
3-1/2"	JTS
SN	4519
TAG BAR	
2-7/8"	1 JTS
NC	4552
EOT	4552

#### ROD BREAKDOWN

PONIES	20'
1"	
7/8"	1550'
3/4"	2500'
1"	375'
1.5"	
PUMP	ROD
2.5x1.5x20' 80 Ring	

#### DEVIATION ANGLE

530 1.8  
1034 1.8  
1539 1.3  
1922 1.5  
2500 2  
3035 3.3  
3525 4.3  
4064 5.5  
4580 6.3

#### FORMATION

PRICE RIVER 2918  
CASTLEGATE 3342  
BLACKHAWK 3662  
KENILWORTH 4383  
ABERDEEN 4575  
SPRING CANYON

#### TOP

LAST REVISED: 07/21/1998



CUSTOMER Anadarko WELL NO. 11-10 LEASE JENSEN JOB TYPE Plug to Abandon TICKET NO. 402658

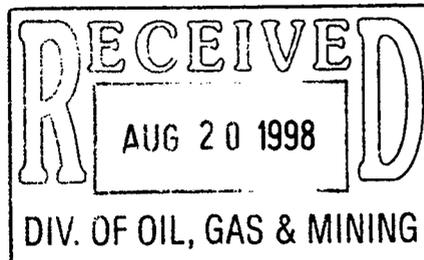
Table with columns: TIME, DATE, NO RATE, VOLUME, FULL, RUN, TURN, CASING, DESCRIPTION OF JOB. Contains handwritten entries for jobs 1032, 1040, 1043, 1048, and 1137.

THANK YOU!



August 13, 1998

State of Utah  
 Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 P.O. Box 145801  
 Salt Lake City, Utah 84414-5801



Re: State Form 9  
 Castlegate Field  
 Carbon County, Utah

Gentlemen:

Please find enclosed, Sundry Notices and Reports on Wells (Form 9) outlining the plugging and abandoning procedures performed for the following wells:

SHIMMIN TRUST 1 fr SGW to PA	JENSEN 11-15 fr SGW to PA
SHIMMIN TRUST 2 " " " "	JENSEN 16-9 " " " "
SHIMMIN TRUST 3 " " " "	JENSEN 16-10 " " " "
SHIMMIN TRUST 4 " " " "	FEDERAL 4-13 fr SGW to PA
SHIMMIN TRUST 5 " " " "	FEDERAL 4-15 " " " "
SHIMMIN TRUST 10-11 fr WDW to PA	FEDERAL 6-8 " " " "
SHIMMIN TRUST 11-11 fr SGW to PA	FEDERAL 7-9 " " " "
SHIMMIN TRUST 12-12 " " " "	FEDERAL 14-13 " " " "
SHIMMIN TRUST 14-12 " " " "	FEDERAL 14-14 " " " "
JENSEN 5-10 fr SGW to PA	FEDERAL 16-14 " " " "
JENSEN 7-15 " " " "	FEDERAL 16-15 " " " "
JENSEN 9-10 " " " "	STATE 2-16 fr SGW to PA
JENSEN 11-10 " " " "	STATE 9-16 " " " "

Should you have any questions or require additional information, please contact me at (281) 873-1276.

Best regards,

ANADARKO PETROLEUM CORPORATION

Gail A. Rupert  
 Engineering Technician

Enclosures

cc: Bureau of Land Management  
 Moab District Office  
 P.O. Box 970  
 Moab, Utah 84532

Bureau of Land Management  
 Price River Resources Area  
 900 North, 700 East  
 Price, Utah 84501

GAR  
 SMF  
 TRC - Well File

*Microfilmed  
to this point*

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
RECORD OF ABANDONMENT OPERATIONS

COMPANY NAME: ANADARKO PETROLEUM CEMENTING CO.: HALIBURTON

WELL NAME: JENSEN 11-10

QTR/QTR: NE/SW SECTION: 10 TOWNSHIP: 12S RANGE: 10E

COUNTY: CARBON API NO.: 43-007-30164

INSPECTOR: J. THOMPSON DATE: 6/10-12/98

CEMENTING OPERATIONS: P&A WELL: X

SURFACE CASING SHOE DEPTH: \_\_\_\_\_ FT. CASING PULLED YES: \_\_\_\_\_ NO: X

CASING: SIZE: 8 5/8" DEPTH: 514' FT. CSG RECOVERED: \_\_\_\_\_

CASING: SIZE: 5 1/2" DEPTH SET: 4612'

PROCEDURE: Set CIBP @ 4070' RIH with 1 1/4" coil tubing. Pumped all cement plugs-no returns at surface. Shut down will RIH in am and try and tag 5 sx plug on top of CIBP. 6/11/98 RIH with coil tubing-tagged CIBP (NO CEMENT). 6/11/98- RIH with coil tubing. Pumped 15 sx (135') plug on top of CIBP. Shut in will pressure check in the am. 6/12/98- pressured to 525#'s held for 15 min. rigged down-moved to Jensen 16-9

(1) PLUG SET @:FROM: \_\_\_\_\_ TO: \_\_\_\_\_ FT. TAGGED: YES: \_\_\_\_\_ NO: \_\_\_\_\_  
SLURRY: \_\_\_\_\_

(2) PLUG SET @:FROM: \_\_\_\_\_ TO: \_\_\_\_\_ FT. TAGGED: YES: \_\_\_\_\_ NO: \_\_\_\_\_  
SLURRY: \_\_\_\_\_

(3) PLUG SET @:FROM: \_\_\_\_\_ TO: \_\_\_\_\_ FT. TAGGED: YES: \_\_\_\_\_ NO: \_\_\_\_\_  
SLURRY: \_\_\_\_\_

SURFACE PLUG: FROM: \_\_\_\_\_ TO: \_\_\_\_\_ FT. \_\_\_\_\_

ALL ANNULUS CEMENTED TO SURFACE: YES: \_\_\_\_\_ NO: \_\_\_\_\_

ABANDONMENT MARKER: PLATE: \_\_\_\_\_ PIPE: \_\_\_\_\_

COMMENTS: Will return and finish cement job later date.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
RECORD OF ABANDONMENT OPERATIONS

COMPANY NAME: ANADARKO PETROLEUM CORP.

WELL NAME: JENSEN 11-10

QTR/QTR: NE/SW SECTION: 10 TOWNSHIP: 12S RANGE: 10E

COUNTY: CARBON API NO: 43-007-30164

INSPECTOR: DAVID HACKFORD TIME: VARIOUS DATE: 6/15/98

SURFACE CASING SHOE DEPTH 514' CASING PULLED YES  NO

CASING PULLED: SIZE  CUT DEPTH  FT/CSG RECOVERED

TESTED YES  NO  TESTED TO: 500 PSI TIME: 15 MIN.

CEMENTING COMPANY: HALLIBURTON

CEMENTING OPERATIONS: P&A WELL:

PLUG 1. SET: FROM 4070' FT. TO 3940' FT. TAGGED YES  NO   
SLURRY: PREMIUM PLUS, 1.18 YIELD, 15.6 PPG.

PLUG 2. SET FROM 539' FT. TO 489' FT. TAGGED YES  NO   
SLURRY: \_\_\_\_\_

PLUG 3. SET FROM FT. TO FT. TAGGED YES  NO   
SLURRY: \_\_\_\_\_

PLUG 4. SET FROM FT. TO FT. TAGGED YES  NO   
SLURRY: \_\_\_\_\_

SURFACE PLUG: FROM 50' FT. TO SURFACE FT.

ALL ANNULUS CEMENTED TO SURFACE: YES  NO

PLUGGING FLUID TYPE: 9.0 POUNDS PER GALLON POZ MIX

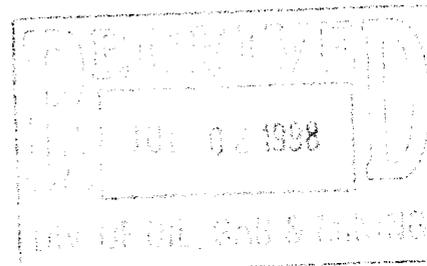
PERFORATIONS: ALL BELOW 4070 FT. TO \_\_\_\_\_ FT.  
FROM \_\_\_\_\_ FT. TO \_\_\_\_\_ FT.

# 1 CIBP SET: 4070'

# 2 CIBP SET: \_\_\_\_\_

ABANDONMENT MARKER: PLATE:  PIPE:  CORRECT INFORMATION:

COMMENTS: PLUG #1 WITNESSED BY JIM THOMPSON. SURFACE PLUG  
TOPPED OFF AND PLATE WELDED ON 6/15/98.



REGION North America		NWA/COUNTRY RMNWA		TICKET # 3 3770	TICKET DATE 6-15-98
MBU ID / EMP # UE0108 C1986		EMPLOYEE NAME Carl W Parrack		BDA / STATE Utah	COUNTY Carbon
LOCATION 055685		COMPANY ANADARKO		PSL DEPARTMENT # 5001	
TICKET AMOUNT		WELL TYPE 02		CUSTOMER REP / PHONE Richard Dietz	
WELL LOCATION Castle Gate		DEPARTMENT 5001		API UWI # 43-007-30164	
LEASE / WELL # Teusen 11-10		SEC / TWP / RNG S-10 T-12S R-10E		JOB PURPOSE CODE 115	

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS			
C ARRACK C1986 12	T Nunn J 5662 19		
B Alford J0582 19			

CHART NO	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	3:00							Called out safety in yard
	6:30							ON location, safety meeting setup
	7:30							Safety meeting with camp & all other Hand on loc Coil tubing start in Hole
	8:46	.5	0			450		Start Fresh Ahead Tag @ 3940'
		.5	5			2100		End
	8:56	1	0			2140		Start poz @ 9" 2.7 yield 54 gal 57 sk
	10:21	1	79			2250		End
	10:21	1	0			2250		Start cement @ 15.6" 1.18 yield 5.2 gal 6 sk
	10:22	1	1.2			2250		End 539'
	10:22	.5	0			1500		Start poz @ 9" 2.7 yield 54 gal 8 sk
	10:46	.5	10			1500		End
	10:42	.5	0			1900		Start cement @ 15.6" 1.18 yield 5.2 gal 6 sk
		.5	152			800		End 50'
	10:44	.5	0					START 15/16 place with H2O
	10:54	.5	5			800		End wait to cut well head off
6-16	7:00							on location, safety meeting, Coil tubing in between 5 1/2" & 8 3/8" 100'
	10:38	.5	0			2500		Start H2O Ahead
	10:40	.5	1			2570		End
	10:42	.5	0			2580		Start cement @ 15.6" 1.18 yield 5.2 gal 19 sk
	10:50	.5	4			2600		End cement to surface wash up move to next

Thanks Carl & Crew



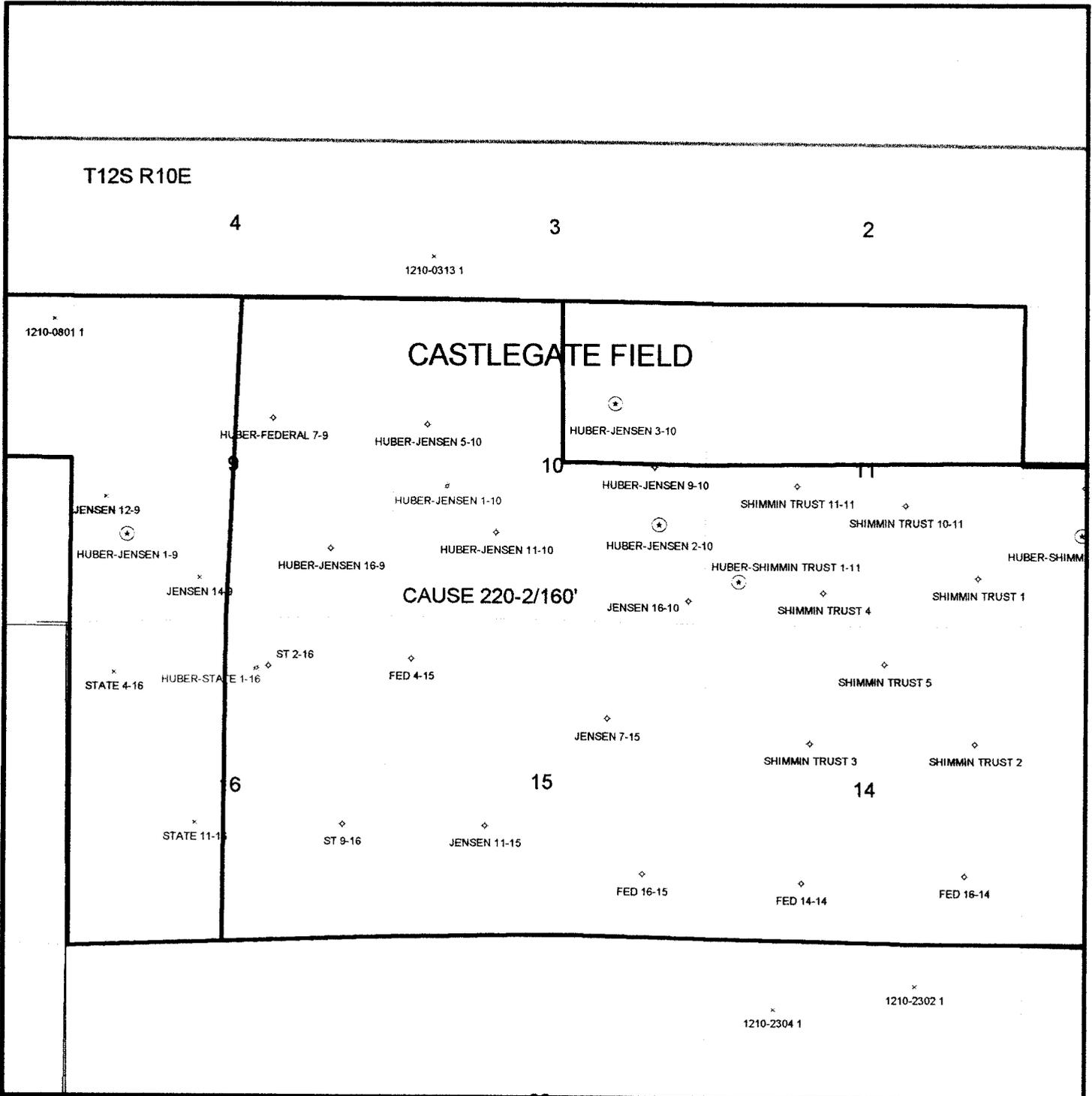
Utah Oil Gas and Mining

OPERATOR: JM HUBER CORP (N2380)

FIELD: CASTLEGATE (013)

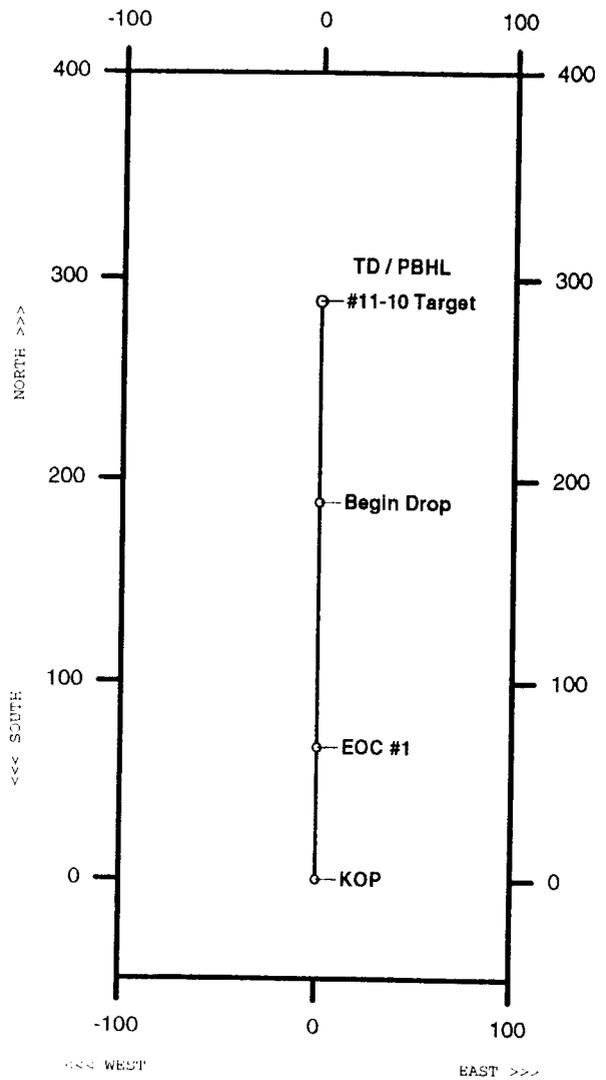
SEC. 10, T12S, R10E,

COUNTY: CARBON CAUSE: 220-2 / 160'



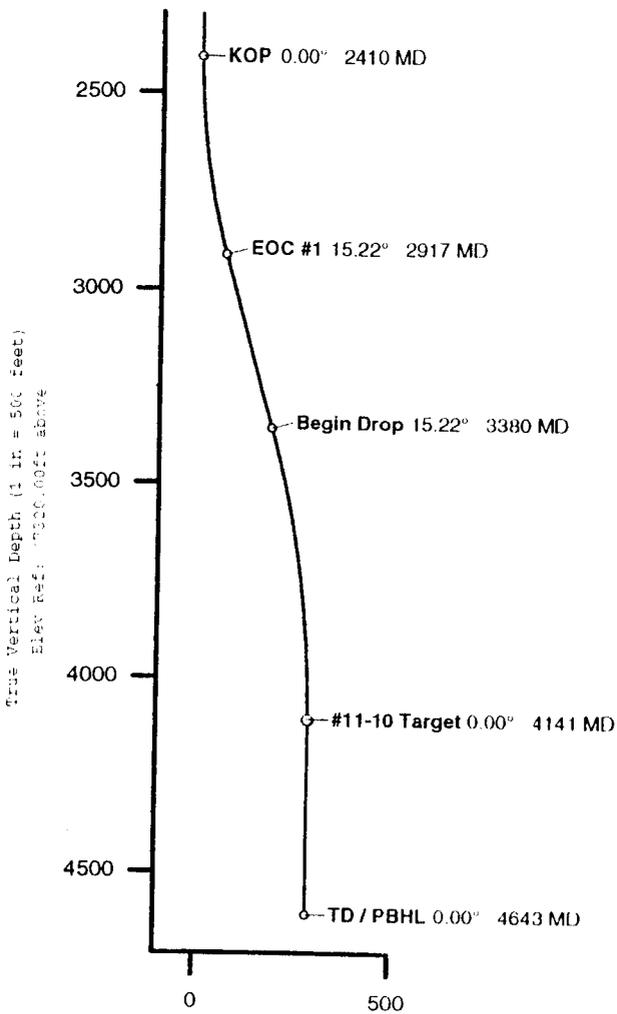
WELL <b>Jensen #11-10</b>	FIELD <b>UT, Carbon County</b>	STRUCTURE <b>JM Huber</b>
------------------------------	-----------------------------------	------------------------------

PLAN VIEW Scale (1 in = 100 feet)



**True North**  
 Tot Corr ( E 12.96° )  
 Mag Dec ( E 12.96° )

Vertical Section View



ENGINEER  
 JIM HUBER  
 ENGINEER  
 CH, CARBON COUNTY

Quality Control  
 Date Drawn: 12-Apr-2000  
 Drawn by: K Sullivan  
 Checked by: \_\_\_\_\_  
 Client OK: \_\_\_\_\_

Vertical Section Departure at 100.00' leg from (0.0, 0.0). (1 in = 500 feet)

Proposed Well Profile

Client: JM Huber Field: UT, Carbon County Structure: JM Huber Well: Jensen #11-10 Borehole: New Borehole UWWAPI#: Date: April 12, 2000 Grid Convergence: 0.54449181° Scale Factor: 0.99990401  Location: N 39 39 0.000, W 110 39 0.000 : N 480701.183 ftUS, E 2239329.581 ftUS Coordinate System: NAD27 Utah State Planes, Central Zone, US Feet	Survey Computation Method: Minimum Curvature DLS Computation Method: Lubinski Vertical Section Azimuth: 360.000° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference: 7320.0 ft above Magnetic Declination: 12.964° Total Field Strength: 52938.488 nT Dip: 65.663° Declination Date: April 12, 2000 Magnetic Declination Model: BGGM 1999 North Reference: True North Coordinate Reference To: Well Head
--	---

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N-S (ft)	E-W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0MTF
KOP	2410.00	0.00	0.00	2410.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0MTF
	2500.00	2.70	0.00	2499.97	2.12	2.12	0.00	2.12	0.00	3.00	0.0MTF
	2600.00	5.70	0.00	2599.69	9.44	9.44	0.00	9.44	0.00	3.00	0.0
	2700.00	8.70	0.00	2698.89	21.98	21.98	0.00	21.98	0.00	3.00	0.0
	2800.00	11.70	0.00	2797.30	39.68	39.68	0.00	39.68	0.00	3.00	0.0
	2900.00	14.70	0.00	2894.64	62.51	62.51	0.00	62.51	0.00	3.00	0.0
WOC #1	2917.50	15.22	0.00	2911.55	67.03	67.03	0.00	67.03	0.00	3.00	0.0
n Drop	3379.86	15.22	0.00	3357.68	188.45	188.45	0.00	188.45	0.00	0.00	180.0
	3400.00	14.82	0.00	3377.13	193.67	193.67	0.00	193.67	0.00	2.00	180.0
	3500.00	12.82	0.00	3474.23	217.56	217.56	0.00	217.56	0.00	2.00	180.0
	3600.00	10.82	0.00	3572.11	238.05	238.05	0.00	238.05	0.00	2.00	180.0
	3700.00	8.82	0.00	3670.63	255.11	255.11	0.00	255.11	0.00	2.00	180.0
	3800.00	6.82	0.00	3769.70	268.72	268.72	0.00	268.72	0.00	2.00	180.0
	3900.00	4.82	0.00	3869.18	278.86	278.86	0.00	278.86	0.00	2.00	0.0MTF
	4000.00	2.82	0.00	3968.95	285.53	285.53	0.00	285.53	0.00	2.00	0.0MTF
	4100.00	0.82	0.00	4068.90	288.71	288.71	0.00	288.71	0.00	2.00	0.0MTF
#11-10 Target	4141.11	0.00	0.00	4110.00	289.00	289.00	-0.00	289.00	360.00	2.00	0.0MTF
TD / PBHL	4643.11	0.00	0.00	4612.00	289.00	289.00	-0.00	289.00	360.00	0.00	0.0MTF

Survey Program: (No Error Model Selected)

Surface: 1461' FSL & 1735' FWL

BHL: 1761' FSL & 1735' FWL

Sec. 10, T. 12 S., R. 10 E.

Carbon County, Utah

Drilling Program

<u>1. Formation Name</u>	<u>Depth from GL</u>	<u>Depth from KB</u>	<u>Subsea Depth</u>
Flagstaff Ls	0'	12'	+7,305'
North Horn Fm	350'	362'	+6,955'
Price River Ss	2,918'	2,930'	+4,387'
Castle Gate Ss	3,342'	3,354'	+3,963'
Blackhawk Coal	3,662'	3,674'	+3,643'
Kenilworth Coal	4,383'	4,395'	+2,922'
Aberdeen Ss	4,575'	4,587'	+2,730'
Total Depth	*4,643'	*4,655'	+2,693'

\*Measured Depth. All other depths are TVD based on a graded ground level of 7,305'.

2. NOTABLE ZONES

Blackhawk, Kenilworth, and Castlegate are the goals. No other oil or gas zones are expected. Flagstaff, North Horn, and coal zones are anticipated water zones.

3. PRESSURE CONTROL (Also see "5." on PAGE 2)

A ≈10" x 2,000 psi double ram BOP with 2,000 psi choke manifold will be used from bottom of surface casing to TD. (A typical 2,000 psi BOP is on Page 4. Actual model will not be known until the bid is let.) BOP system will be tested to 70% of the minimum internal yield before drilling the surface casing shoe. System will be tested at least once every 30 days. Tests will be recorded in the driller's log. BOPs will be inspected and operated daily to assure good mechanical working order.

J. M. Huber Corporation's Huber-Federal 11-10  
Surface: 1461' FSL & 1735' FWL  
BHL: 1761' FSL & 1735' FWL  
Sec. 10, T. 12 S., R. 10 E.  
Carbon County, Utah

4. CASING & CEMENTING

<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>Age</u>	<u>≈Setting Depth</u>
12-1/4"	8-5/8"	24	K-55	ST&C	Existing	500'
7-7/8"	5-1/2"	17	N-80	LT&C	Existing	4,612'
4-3/4"	4-1/2"	10.5	FL-55	Tubing	New	4,643'

Surface casing was circulated to surface with 370 sx Premium cement + additives. Long string was cemented with DV tool set at 3,305'. PG&E used 620 sx 50/50 Poz with additives.

Top of flush joint tubing will be at ≈2,600'. Will use two stage Class B cement job. Based on 50% excess, each stage will be 50 sx (≈31 cubic feet).

5. MUD PROGRAM

Fresh water gel with caustic (weight = 8.7 to 9.1 ppg, viscosity = 38-45, fluid loss = 10-20 cc) will be used.

6. DATA GATHERING

May run Gamma Ray log from surface to TD, Dual Induction and BHC Density/Neutron logs from BSC to TD, and Coal and High Res. Density logs from ≈4,100' to TD.

Mud loggers will be on site from KOP (2,675' MD) to TD. They will have full chromatograph. Will collect samples every 10' to TD.

7. DOWN HOLE CONDITIONS

Maximum anticipated bottom hole pressure is ≈1,860 psi. No abnormal

J. M. Huber Corporation's Huber-Federal 11-10  
Surface: 1461' FSL & 1735' FWL  
BHL: 1761' FSL & 1735' FWL  
Sec. 10, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 3

pressures, temperatures, or hydrogen sulfide are expected.

#### 8. MISCELLANEOUS

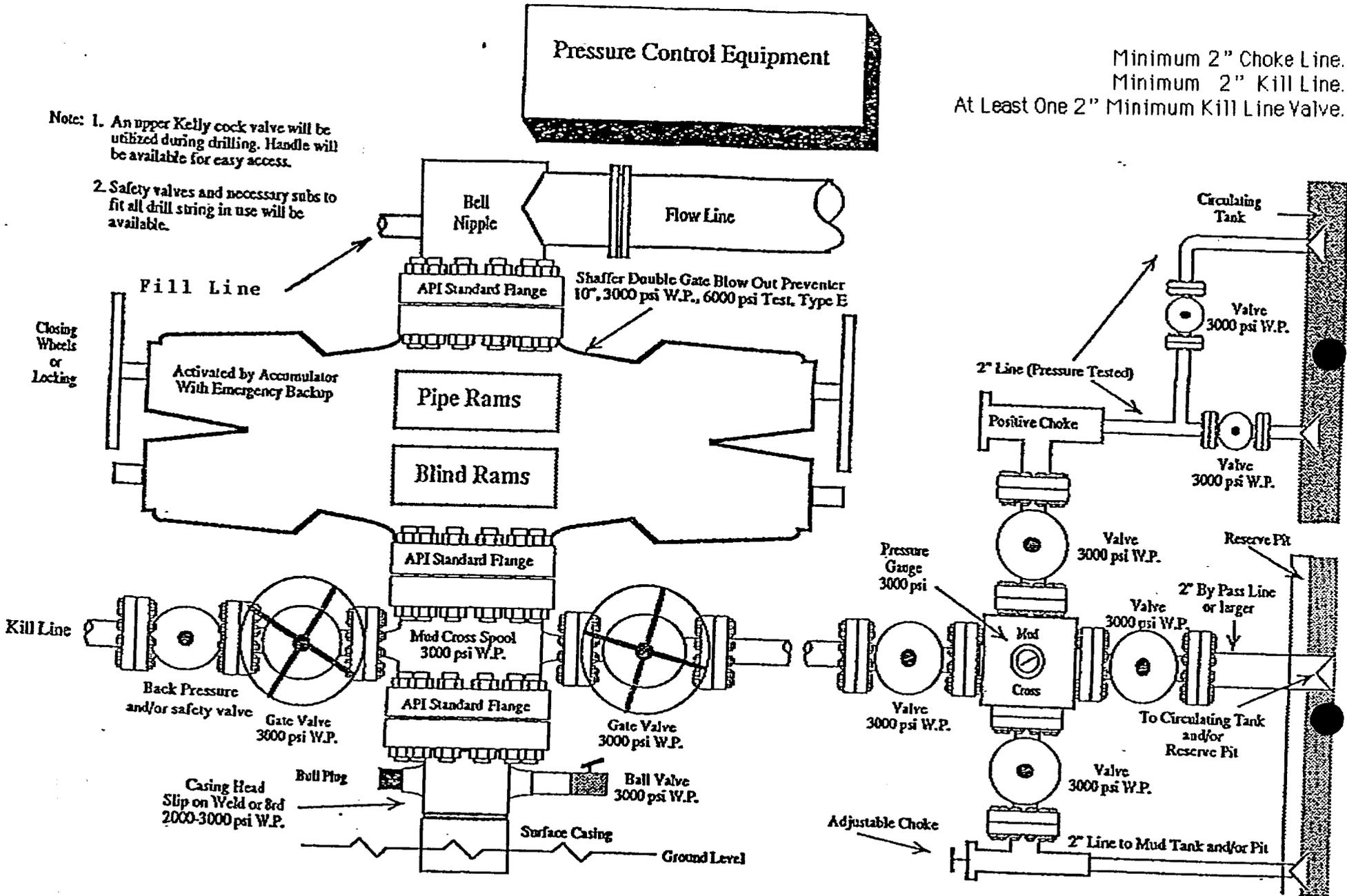
Will reenter well and drill out plugs. Will kick off directional well at 2,410' MD. See attached profile data sheets for more detail.

Projected spud date is July 1, 2000. It will take  $\approx$ 3 days to drill and  $\approx$ 3 weeks to complete the well.

Pressure Control Equipment

Minimum 2" Choke Line.  
Minimum 2" Kill Line.  
At Least One 2" Minimum Kill Line Valve.

- Note: 1. An upper Kelly cock valve will be utilized during drilling. Handle will be available for easy access.  
2. Safety valves and necessary subs to fit all drill string in use will be available.



Note: This equipment is designed to meet requirements for a 2-M rating standard per 43 CFR part 3160 (amended). Proper operation and testing of equipment will be carried out per standard. 2,000 psi equipment can be substituted in the drawing to meet minimum requirements per standard.

Surface: 1461' FSL & 1735' FWL

BHL: 1761' FSL & 1735' FWL

Sec. 10, T. 12 S., R. 10 E.

Carbon County, Utah

### Surface Use Plan

#### 1. EXISTING ROADS & DIRECTIONS (See PAGES 9 & 10)

From the junction of US 6 and US 191 north of Helper, Utah ...  
Go NE 7-1/2 miles on US 191 to the paved Matt's Summit Road  
Then turn left on the Matt's Summit Road and go W 1/4 mile  
Then turn left at a locked gate and cattleguard  
Go S 1/2 mile on a gravel road to the well site

#### 2. ROAD TO BE BUILT OR UPGRADED

No new or upgraded road is needed. A detour will be provided along the south side of the pad for access to wells further south.

#### 3. EXISTING WELLS

There are 7 P&A wells and 4 gas wells within a mile radius. There are no existing oil, water, injection, or disposal wells within a mile.

#### 4. PROPOSED PRODUCTION FACILITIES

A dehydrator-separator, meter run, and pump may be installed on the pad. All surface equipment will be painted a flat olive green color. Buried gas and water lines will be laid north to Huber's existing utilities on the north side of the same pad.

Surface: 1461' FSL & 1735' FWL

BHL: 1761' FSL & 1735' FWL

Sec. 10, T. 12 S., R. 10 E.

Carbon County, Utah

## 5. WATER SUPPLY

Water will be trucked from existing water well (right #91-4983) at Huber's central production facility in Section 11, existing Huber reserve pits, or from town.

## 6. CONSTRUCTION MATERIALS & METHODS

Topsoil will be stripped and stockpiled north of the pad. A 325' long silt fence will be placed north of the soil pile. Diversion ditch will be built south of the pad to drain east. The reserve pit will be lined with minimum 12 mil plastic.

Gravel will be bought from town if needed.

## 7. WASTE DISPOSAL

The reserve pit will be fenced 4' high on 3 sides with 4 strands of barbed wire or woven wire topped with barbed wire. The fourth side will be fenced once the rig moves off hole. The fence will be kept in good repair while the pit dries. No fluids will be discharged into the flare pit.

All trash will be placed in a trash cage. When full, it will be hauled to a state approved landfill. There will be no trash burning or disposal of trash in the reserve pit. Chemical toilets will be used for human waste. Their contents will be disposed of in state approved facilities.

No oil will be allowed on the reserve pit. Any oil which accumulates on the pit will be pumped or skimmed off and hauled to a state approved recycle facility. Once dry, the reserve pit contents will be buried in place. The pit will be backfilled sufficiently deep so that no liner is exposed.

Produced water will be piped to Huber's state approved lined  $\approx$ 9 acre-foot

J. M. Huber Corporation's Huber-Federal 11-10  
Surface: 1461' FSL & 1735' FWL  
BHL: 1761' FSL & 1735' FWL  
Sec. 10, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 7

evaporation pond at the Jensen 7-15 well.

#### 8. ANCILLARY FACILITIES

There will be no airstrip or formal camp. Camper trailers will be on site for the company man, roughnecks, mud logger, tool pusher, etc.

#### 9. WELL SITE LAYOUT

See PAGES 10 & 11 for depictions of the well pad, cross sections, cut and fill diagrams, reserve pit, burn pit, access road onto the pad, parking, living facilities, and rig orientation.

#### 10. RECLAMATION

After completing drilling, the well site and immediate area will be cleared of all debris and material not needed for production.

Reclamation will start when the reserve pit is dry. At least 2' of cover will be placed on the reserve pit. All areas not needed for production will be backfilled, recontoured to match natural contours, and reserved topsoil and brush evenly spread. If the well is a producer, then enough topsoil will be kept aside to reclaim the rest of the pad. Disturbed areas will be ripped, harrowed, or scarified before seeding.

All reclaimed areas will be broadcast seeded in late fall or winter with seed mix specified by the surface owners. Private owner's seed mix will include alfalfa, crested wheatgrass, Indian ricegrass, canby bluegrass, pubescent wheatgrass, Russian wild rye, slender wheatgrass, western wheatgrass, and yellow sweet clover. Seeded areas will be left rough and lightly harrowed or drug with a chain after seeding.

Surface: 1461' FSL & 1735' FWL

BHL: 1761' FSL & 1735' FWL

Sec. 10, T. 12 S., R. 10 E.

Carbon County, Utah

11. SURFACE OWNER

Well site is on private land owned by the Jensen family. Contact is Jerry Jensen @ (435) 637-6242 (office). Surface use agreement was signed on May 4, 2000 and the family has been paid. Jerry is also the construction supervisor for Huber.

12. OTHER INFORMATION

Closest hospital is a 20 minute drive south in Price. The Castleview Hospital is at 300 North Hospital Drive. Phone number is (435) 637-4800.

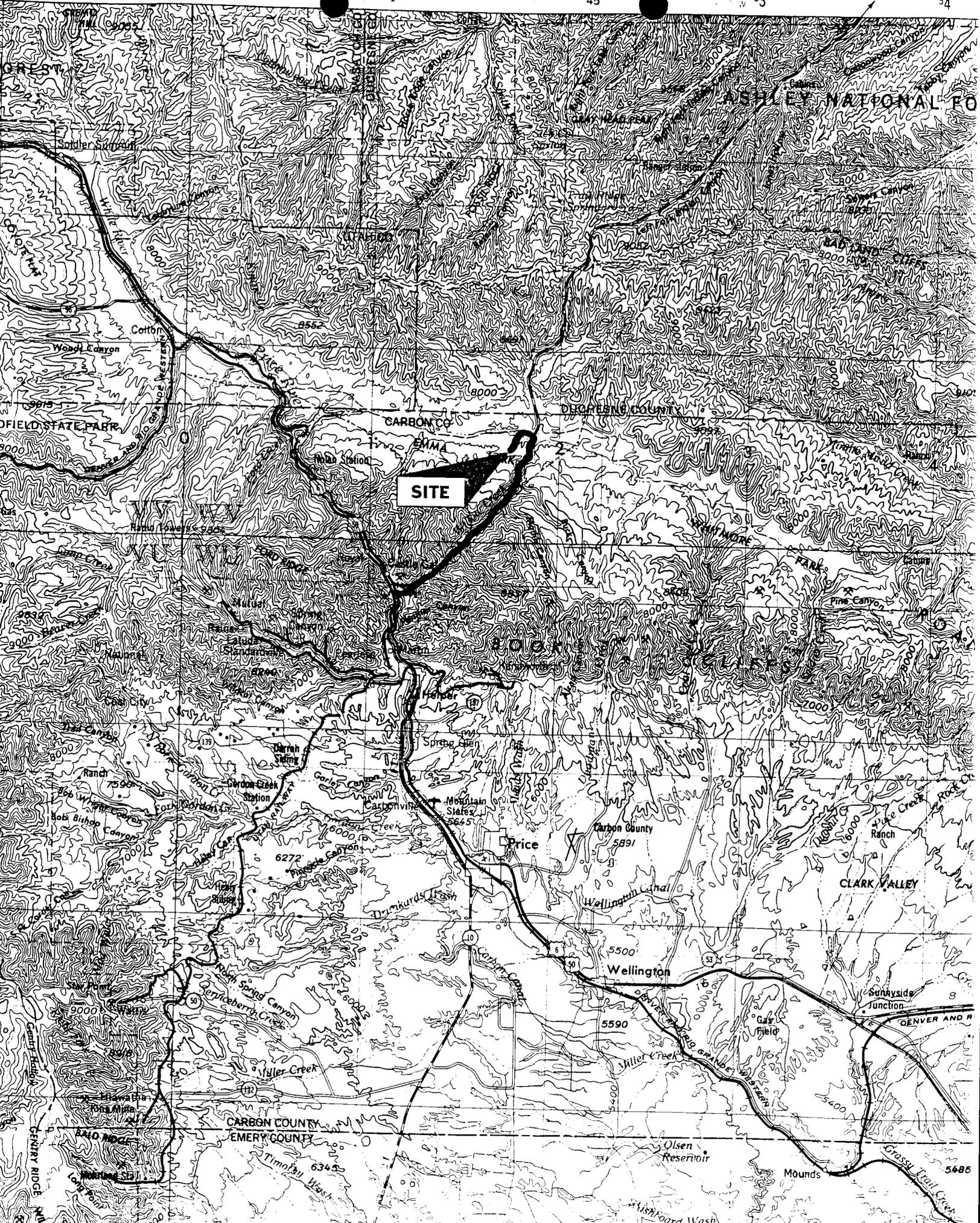
13. REPRESENTATION

Anyone having questions concerning the APD should contact:

Brian Wood  
Permits West, Inc.  
37 Verano Loop  
Santa Fe, NM 87505  
(505) 466-8120 FAX: (505) 466-9682 Mobile: (505) 699-2276

The field representatives during drilling and production will be:

Tom Erwin & Mike Williams  
J. M. Huber Corporation  
33587 US Highway 160 East  
Durango, Co. 80301  
(970) 247-7708



**SITE**

CARBON CO

DUCHENE COUNTY

EMMA

Price

Price

Carbon County  
5891

Wellington

5590

5400

5500

5600

5700

5800

5900

6000

CARBON COUNTY  
EMERY COUNTY

6345

6400

6500

CLARK VALLEY

6000

6100

6200

6300

6400

6500

6600

6700

6800

6900

7000

7100

7200

7300

7400

7500

7600

7700

7800

7900

8000

8100

8200

8300

8400

8500

8600

8700

8800

8900

9000

9100

9200

9300

9400

9500

9600

9700

9800

9900

10000

10100

10200

10300

10400

10500

10600

10700

10800

10900

11000

11100

11200

11300

11400

11500

11600

11700

11800

11900

12000

12100

12200

12300

12400

12500

12600

12700

12800

12900

13000

13100

13200

13300

13400

13500

13600

13700

13800

13900

14000

14100

14200

14300

14400

14500

14600

14700

14800

14900

15000

15100

15200

15300

15400

15500

15600

15700

15800

15900

16000

16100

16200

16300

16400

16500

16600

16700

16800

16900

17000

17100

17200

17300

17400

17500

17600

17700

17800

17900

18000

18100

18200

18300

18400

18500

18600

18700

18800

18900

19000

19100

19200

19300

19400

19500

19600

19700

19800

19900

20000

20100

20200

20300

20400

20500

20600

20700

20800

20900

21000

21100

21200

21300

21400

21500

21600

21700

21800

21900

22000

22100

22200

22300

22400

22500

22600

22700

22800

22900

23000

23100

23200

23300

23400

23500

23600

23700

23800

23900

24000

24100

24200

24300

24400

24500

24600

24700

24800

24900

25000

25100

25200

25300

25400

25500

25600

25700

25800

25900

26000

26100

26200

26300

26400

26500

26600

26700

26800

26900

27000

27100

27200

27300

27400

27500

27600

27700

27800

27900

28000

28100

28200

28300

28400

28500

28600

28700

28800

28900

29000

29100

29200

29300

29400

29500

29600

29700

29800

29900

30000

30100

30200

30300

30400

30500

30600

30700

30800

30900

31000

31100

31200

31300

31400

31500

31600

31700

31800

31900

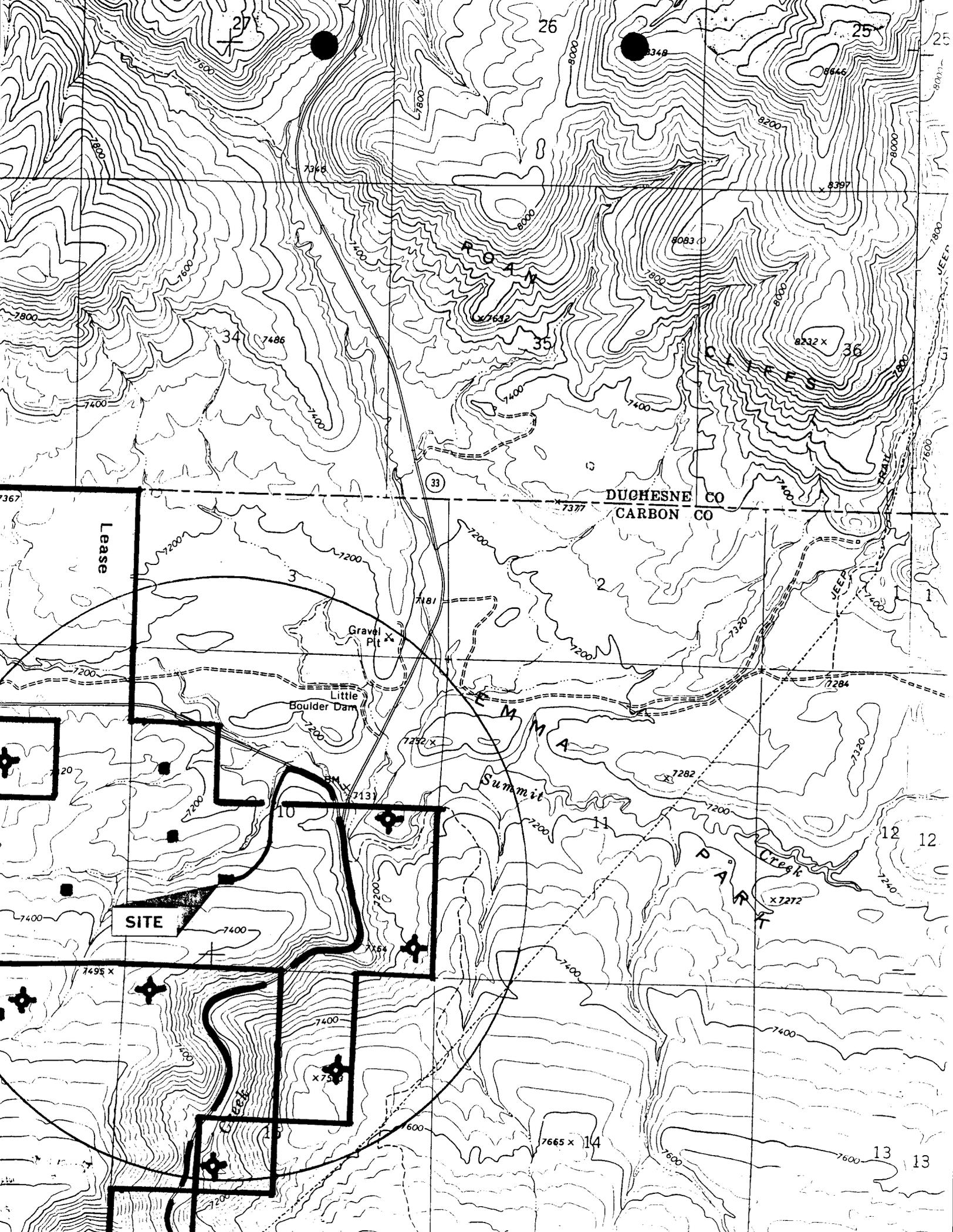
32000

32100

32200

32300

32400



27

26

25

34

35

36

33

DUCHESNE CO  
CARBON CO

Lease

Gravel Pit x

Little Boulder Dam

Summit Creek

Parker Creek

SITE

12

13

14

x754

7665 x 14

x7272

7131

7181

7282

7495 x

7400

7400

7400

7400

7600

7200

7200

7200

7200

7200

7240

7284

7320

7200

7200

7200

7200

7200

7200

7400

7400

7400

7400

7600

7365

7400

7800

8000

8200

8400

8600

8800

9000

9200

9400

9600

9800

7800

7600

7400

7200

7000

6800

6600

6400

6200

6000

5800

5600

5400

5200

5000

4800

4600

7400

7200

7000

6800

6600

6400

6200

6000

5800

5600

5400

5200

5000

4800

4600

4400

4200

7367

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7200

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

7400

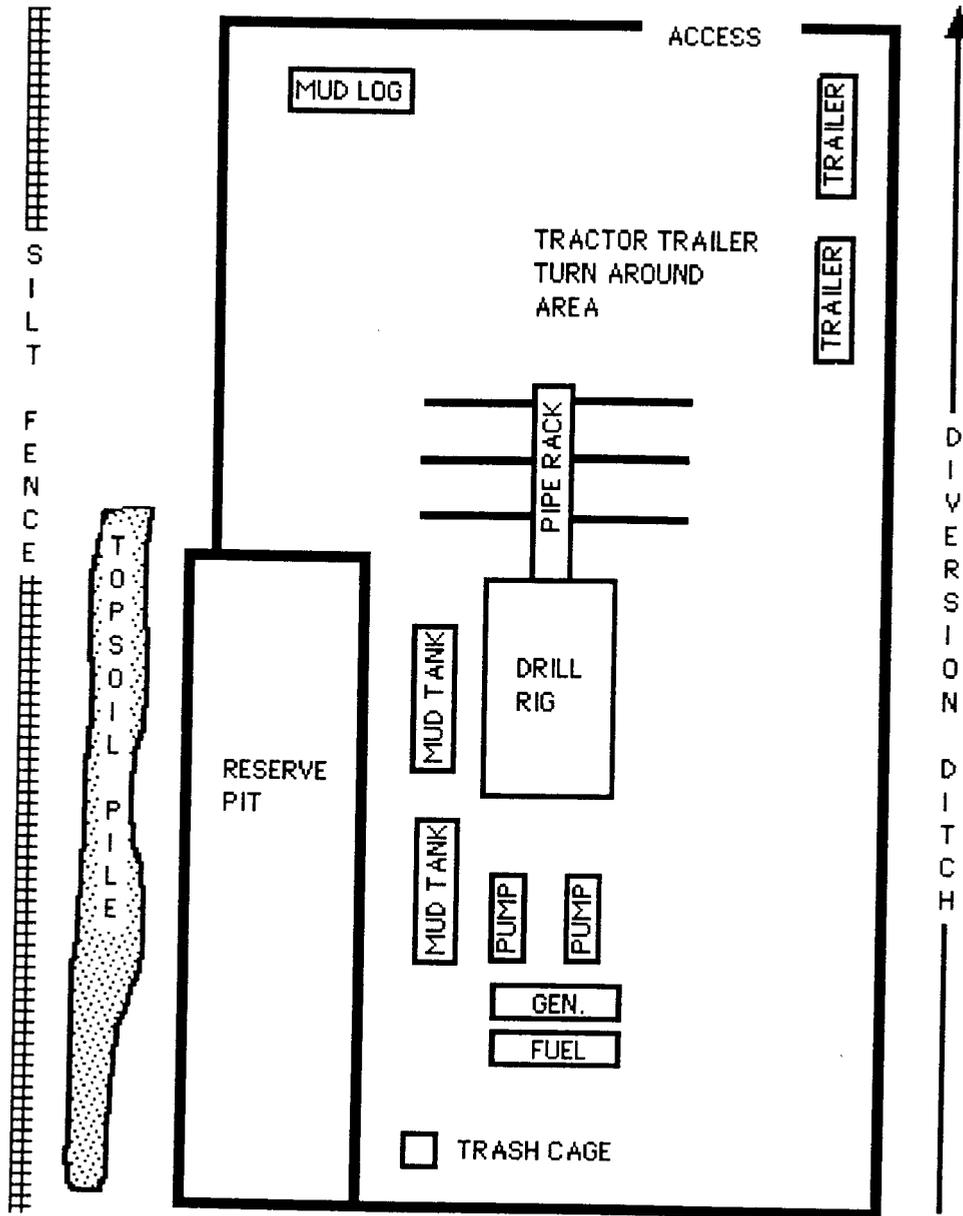
7400

7400

7400

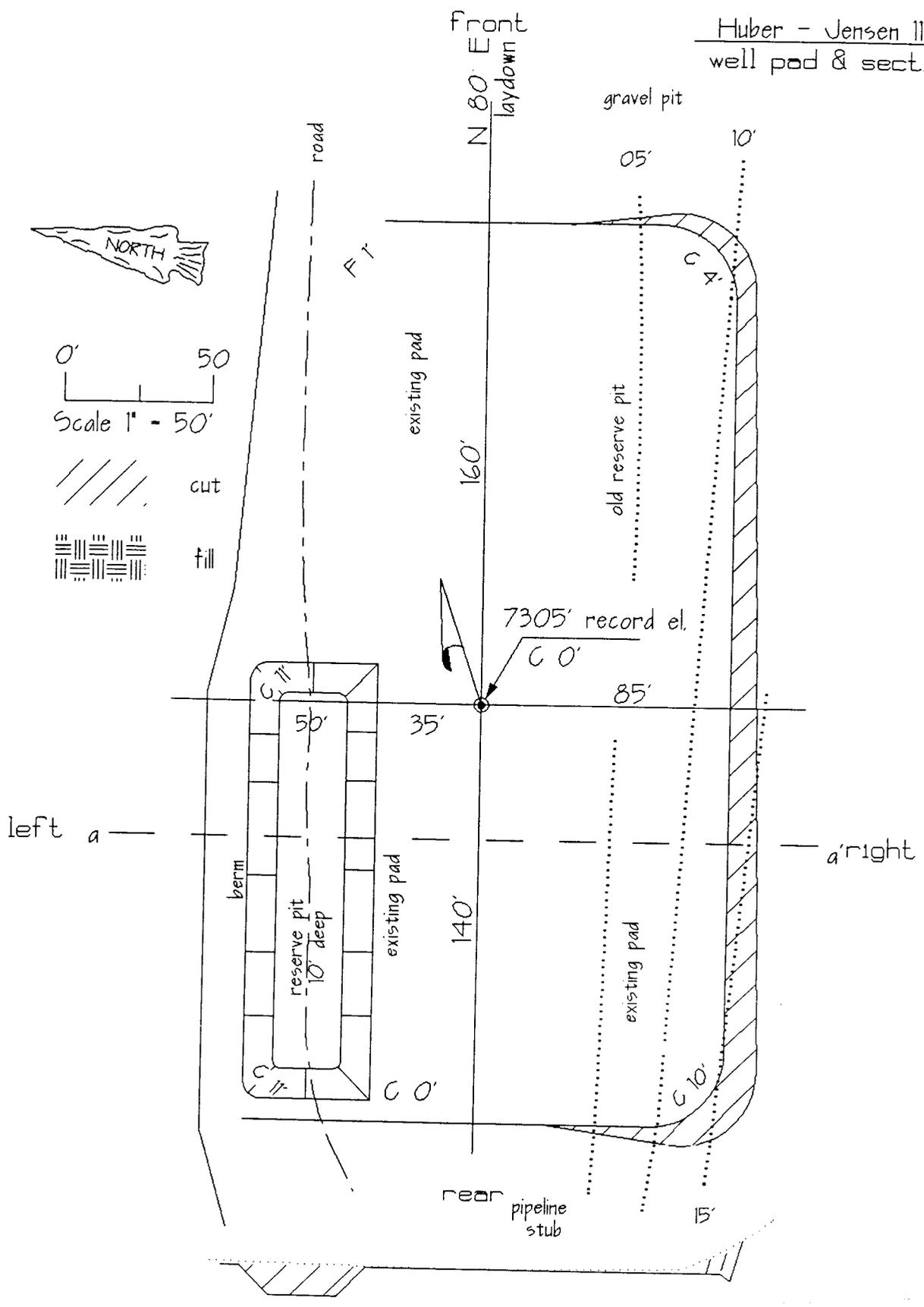
7400

J. M. Huber Corporation's Huber-Federal 11-10  
Surface: 1461' FSL & 1735' FWL  
BHL: 1761' FSL & 1735' FWL  
Sec. 10, T. 12 S., R. 10 E.  
Carbon County, Utah



NORTH ← 1" = 50'

Huber - Jensen 11-10  
well pad & section



Cross section

a

a'



ENERGY

A FAMILY OF SOLUTIONS

J.M. Huber Corporation

1050-17<sup>th</sup> Street  
Suite 1850  
Denver, CO 80265  
phone: (303) 825-7900  
fax: (303) 825-8300  
e-mail: dvjsz@huber.com  
www.huber.com

May 19, 2000

Affidavit of Completion of Surface Use Agreement

On May 1, 2000 a written surface use agreement was entered into between J. M. Huber Corporation and James T. Jensen, Jerry Jensen and Dix Jensen for the use of land connected with the Huber-Jensen 1-9, Huber-Jensen 1-18, Huber-Jensen 2-10, Huber-Jensen 3-10, Huber-Jensen 5-10, Huber-Jensen 11-10, and Huber-Jensen 16-9 wells in Carbon County, Utah.

We will abide by the conditions as stated in the Surface Use Agreement.

On behalf of J. M. Huber Corporation:

J. Scott Zimmerman  
J. Scott Zimmerman  
Manager - Coalbed Methane Business Unit

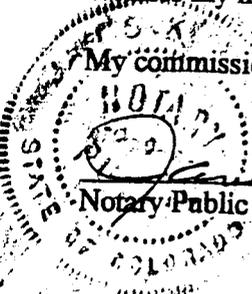
Date: 5-19-00

State of Colorado)  
ss  
County of Denver)

Subscribed and sworn to before me this 19th day of May 2000 by J. Scott Zimmerman.

Witness my hand and notarial seal.

My commission expires: 4-2-02



James K. Gray  
Notary Public

# PERMITS WEST, INC.

PROVIDING PERMITS for LAND USERS

37 Verano Loop, Santa Fe, New Mexico 87505

(505) 466-8120

May 24, 2000

Lisha Cordova  
Ut. Div. of Oil, Gas, & Mining  
1594 West North Temple, Suite 121  
Salt Lake City, Ut. 84114

Dear Lisha,

On behalf of J. M. Huber Corporation, I am supplying an affidavit testifying that Huber has reached surface use agreements with (and paid) the Jensen family for the following APDs:

Huber-Jensen 1-9  
Huber-Jensen 1-18  
Huber-Jensen 2-10 (APD previously submitted)  
Huber-Jensen 3-10 (APD previously submitted)  
Huber-Jensen 5-10 (APD attached)  
Huber-Jensen 11-10  
Huber-Jensen 16-9 (APD previously submitted)

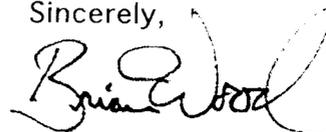
I am also requesting an exception for the Huber-Jensen 3-10 because of topography. A hill is to the west of the location which necessitates a 12' high cut as now staked. Forcing the well further west and into the hill would increase the cut more in an area of high visibility. Exception is to quarter-quarter lines (260' and 410' away), not to a well or lease. Closest lease line is 926'. Closest producing well is a >half mile away (Huber's Jensen 1-10).

Orthodox well could be drilled at 1780 FN & 1780 FE 10-12s-10e, but it would require a large cut which would be particularly visible to travelers driving north on US 191. Both the county and BLM have asked Huber to take aesthetics into account. Request permission to drill at 1730' FNL & 1580' FEL 10-12s-10e. This is the only well in the quarter section. There are no producing wells within a half mile. Wells (see Page 11 of APD) could be drilled in 8 offsetting units. Huber is owner of all drilling units and leases within minimum 1,136' radius of the proposed exception.

I spoke with Mike Hebertson regarding the need for an on site inspection of the Huber-Jensen 3-10. Mike saw no need for another on site since it had already been on sited with BLM.

Please call me if you have any questions.

Sincerely,



Brian Wood

RECEIVED

MAY 25 2000

DIVISION OF  
OIL, GAS AND MINING



**ENERGY**

A FAMILY OF SOLUTIONS

**J.M. Huber Corporation**

1050-17<sup>th</sup> Street  
Suite 1850  
Denver, CO 80265  
phone: (303) 825-7900  
fax: (303) 825-8300  
e-mail: dvjsz@huber.com  
www.huber.com

May 19, 2000

**Affidavit of Completion of Surface Use Agreement**

On May 1, 2000 a written surface use agreement was entered into between J. M. Huber Corporation and James T. Jensen, Jerry Jensen and Dix Jensen for the use of land connected with the Huber-Jensen 1-9, Huber-Jensen 1-18, Huber-Jensen 2-10, Huber-Jensen 3-10, Huber-Jensen 5-10, Huber-Jensen 11-10, and Huber-Jensen 16-9 wells in Carbon County, Utah.

We will abide by the conditions as stated in the Surface Use Agreement.

On behalf of J. M. Huber Corporation: J. Scott Zimmerman  
J. Scott Zimmerman  
Manager - Coalbed Methane Business Unit

Date: 5-19-00

State of Colorado)  
                                  ss  
County of Denver)

Subscribed and sworn to before me this 19th day of May 2000 by J. Scott Zimmerman.

Witness my hand and notarial seal.

My commission expires: 4-2-02

Janis K. Hayes  
Notary Public

Tom Erwin, 10/16/00 3:34 PM -0400, Re: Jensen 11-10

1

Date: Mon, 16 Oct 2000 15:34:17 -0400  
From: "Tom Erwin" <dutme@huber.com>  
To: <brian@permitswest.com>  
Subject: Re: Jensen 11-10  
X-SLUIDL: D04A1058-A28B11D4-B0EE5254-00DA412D

J. M. Huber Corporation intends on re-completing the Anadarko Production Company's Jensen #11-10 well located in Section 10, T12S - R10E. The well was P & A'd by Anadarko in June, 1998 by setting a cast iron bridge plug above the perfs and setting three cement plugs between the bridge plug and surface.

The Huber - Jensen #11 - 10 well will be cleaned out to PBTD (cement plugs at surf - 50' KB, 489' - 539' KB, 3,984' - 4,070' KB and CIBP at 4,070' KB), re-perforate with 4 shots per foot (all intervals previously perforated by Anadarko from 4,120' - 4,562' KB), acidize with 2,500 gals 15% HCl and put well on production to sales.

Let me know if you have any other questions.

Thanks,

Tom Erwin

>>> Permits West <brian@permitswest.com> 10/14/00 04:05PM >>>  
State wants complete description of how well will be re-entered and re-completed.  
Can you provide description?

PS Welcome to the wonderful world of matrimony - despite popular opinion, it's a good deal.



**Fax Transmittal Cover**

From: *Brian Wood*

**Permits West, Inc.**

**phone: (505)-466-8120**

**fax: (505)-466-9682**

To: *BOB KRUEGER* Date: *10-16*

Office: \_\_\_\_\_

Fax No. \_\_\_\_\_ No. pages to follow *1*

Comments:

*Is this sufficient?*

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: Private (Fee)
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: N/A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: J. M. HUBER CORPORATION		8. WELL NAME and NUMBER: Huber-Jensen 11-10
3. ADDRESS OF OPERATOR: 1050 17TH ST., #1850 CITY DENVER STATE CO ZIP 80265		9. API NUMBER: -007-30164
		10. FIELD AND POOL, OR WILDCAT: CASTLEGATE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1461 FSL & 1735 FWL		COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 10 12S 10E S		STATE: UTAH

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 No longer plan to directionally drill.  
 Instead; will re-enter well, drill out plugs, and perforate with 4 shots per foot in possible producing intervals.

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 10/15/00  
By: *[Signature]*

NAME (PLEASE PRINT) <u>BRIAN WOOD</u>	(505) 466-8120	TITLE <u>CONSULTANT</u>	
SIGNATURE <i>[Signature]</i>		DATE <u>9/7/2000</u>	

(This space for State use only)

RECEIVED

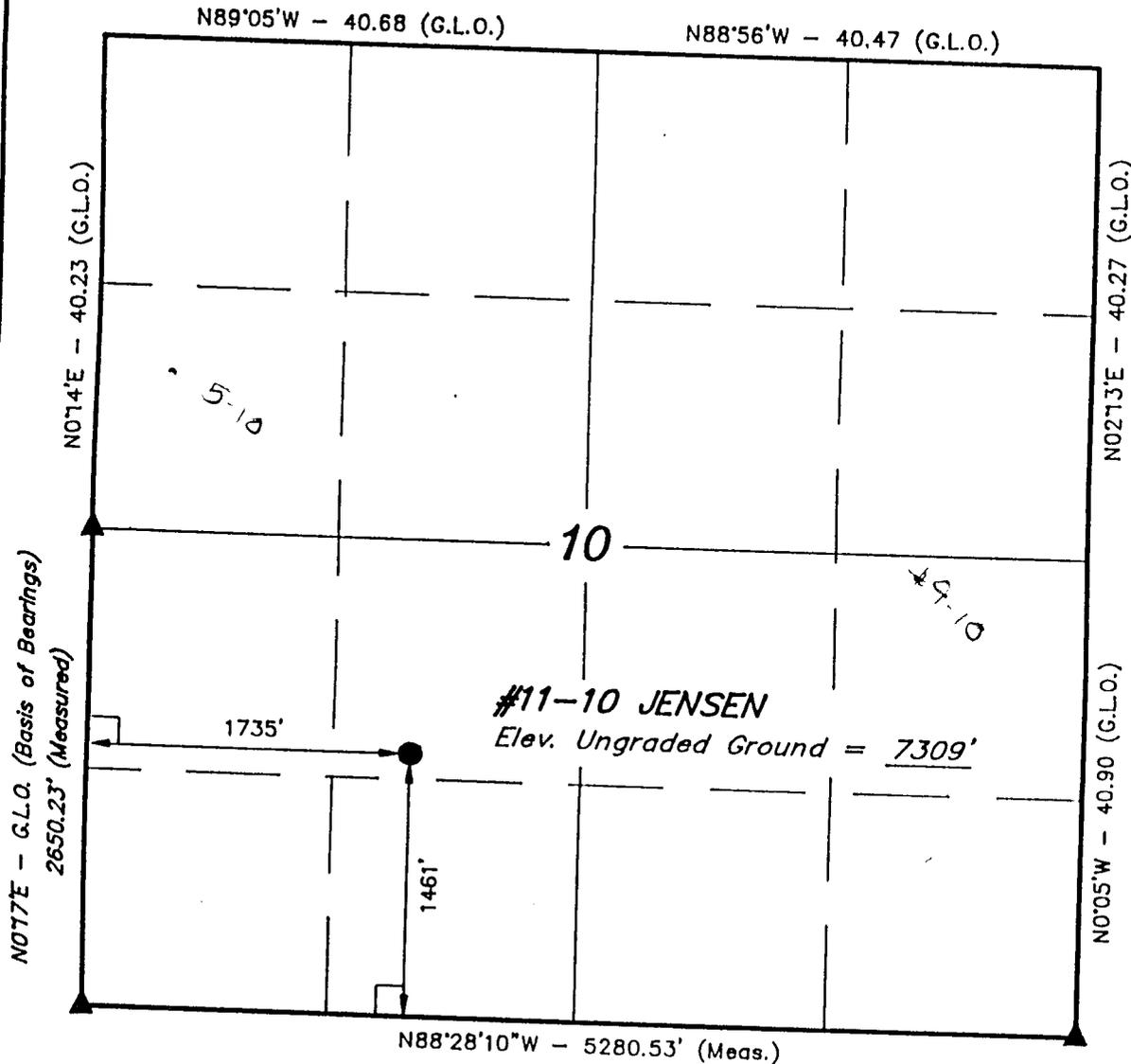
T12S, R10E, S.L.B.&M.

PG&E RESOURCES COMPANY

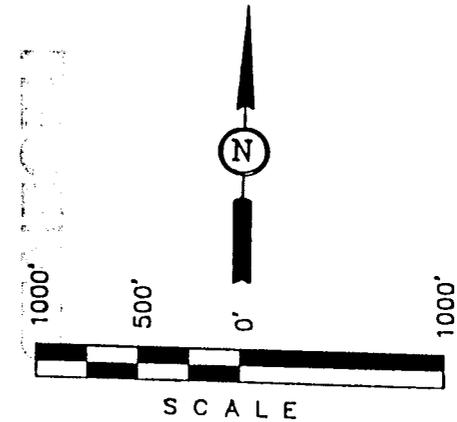
Well location, #11-10 JENSEN, located as shown in the NE 1/4 SW 1/4 of Section 10, T12S, R10E, S.L.B.&M. Carbon County, Utah.

BASIS OF ELEVATION

BENCH MARK 265 (1934) LOCATED IN THE NE 1/4 SECTION 10, T12S, R10E, S.L.B.&M. TAKEN FROM THE MATTS SUMMIT QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7131 FEET.



COURTESY OF  
 PG&E RESOURCES  
 COMPANY



CERTIFICATE

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

*Robert L. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 5709  
 STATE OF UTAH

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED. (1923 Brass Caps)

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

SCALE 1" = 1000'	DATE SURVEYED: 7-12-92	DATE DRAWN: 7-18-92
PARTY J.F. B.C. J.L.G.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE PG&E RESOURCES	

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. Lease Designation and Serial Number:

PRIVATE

6. If Indian, Allottee or Tribe Name:

N/A

1A. Type of Work:

DRILL

DEEPEEN

7. Unit Agreement Name:

N/A

B. Type of Well:

OIL

GAS

OTHER:

SINGLE ZONE

MULTIPLE ZONE

8. Farm or Lease Name:

HUBER-JENSEN

2. Name of Operator:

J. M. HUBER CORPORATION

(303) 825-7900

9. Well Number:

11-10

3. Address and Telephone Number:

1050 17TH ST., SUITE 1850, DENVER, CO. 80265

10. Field and Foot, or Wildcat:

CASTLEGATE

4. Location of Well (Footages)

At Surface:

1461' FSL & 1735' FWL

4464 824 N  
517924 E

At Proposed Producing Zone:

~~1761' FSL & 1735' FWL~~ \*Cancelled 9-11-2000. Jc

11. Ctr/Otr, Section, Township, Range, Meridian:

NE SW 10-12S-10E

14. Distance in miles and direction from nearest town or post office:

9 AIR MILES NNE OF HELPER

12. County:

CARBON

13. State:

UTAH

15. Distance to nearest property or lease line (feet):

1179'

16. Number of acres in lease:

2,552.91

17. Number of acres assigned to this well:

160

18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):

1131'

19. Proposed Depth:

4,643' MD

20. Rotary or cable tools:

ROTARY

21. Elevations (show whether DF, RT, GR, etc.):

7,305' UNGRADED

22. Approximate date work will start:

JULY 1, 2000

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55	24#	500'	370 SX PREMIUM
7-7/8"	5-1/2" N-80	17#	4,612'	620 SX (DV @ 3,305')
4-3/4"	4-1/2" EI-55	10.5#	4,643'	100 sx Class B

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

Well bore was originally approved under API# 43-007-30164. Well operator was PG&E. Well name was Jensen 11-10.

Will ~~drill~~ well, drill out plugs, and ~~directionally drill~~. \*Cancelled 9-11-2000. Jc

24. Name & Signature: Brian Wood (505) 466-8120 Title: CONSULTANT Date: 6-5-00

(This space for State use only) API Number Assigned: 43-007-30164

Approved by the Utah Division of Oil, Gas and Mining Date: 10/16/02 By: [Signature]

cc: Huber, Denver & Durango RECEIVED JUN 13 2000 DIVISION OF OIL, GAS AND MINING

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: / /

API NO. ASSIGNED: 43-007-30164

WELL NAME: HUBER-JENSEN 11-10 ~~( )~~

OPERATOR: J M HUBER CORPORATION ( N2380 )

CONTACT: Brian Wood, Agent

PHONE NUMBER: (505) 466-8120

PROPOSED LOCATION:

NESW 10 120S 100E  
 SURFACE: 1461 FSL 1735 FWL  
 BOTTOM: 1461 FSL 1735 FWL  
 CARBON  
 CASTLEGATE ( 13 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	RJH	*10-12-00
Geology		
Surface		

LEASE TYPE: 4-Fee  
 LEASE NUMBER: FEE  
 SURFACE OWNER: 4-Fee

PROPOSED FORMATION:

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[4]  
(No. 929103265 )
- Potash (Y/N)
- Oil Shale (Y/N) \*190 - 5 (B)
- Water Permit  
(No. 91-4193 )
- RDCC Review (Y/N)  
(Date: )
- ~~Fee Surf~~ Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3. Unit
- R649-3-2. General  
Siting: \_\_\_\_\_
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 220-3  
Eff Date: 9-27-2000  
Siting: Allows re-entry of this well.
- R649-3-11. Directional Drill

COMMENTS:

*\*10-16-00  
 On-hold for add'l info.  
 RJH called for add'l info on  
 procedure for 9/2/00 intent sundry to Brian Wood. 10-11-00. Brian to have JM H.  
 engineer look it over.*

STIPULATIONS:

(1) STATEMENT OF BASIS

# DIVISION OF OIL, GAS AND MINING

## APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

**Operator Name:** J. M. Huber  
**Name & Number:** Huber-Jensen #11-10  
**API Number:** 43-007-30164  
**Location:** 1/4, 1/4 NE SW Sec. 10 T. 12 S R. 10 E County Carbon

### **Geology/Ground Water:**

The setting depth of the surface casing is proposed to be 500' cemented back to surface with 375  
sx of premium class G cement. There are 82 points of diversion within 1 mile of this location,  
which were developed by several parties, with priority dates back to 1860, some of these are  
municipal and some are wells several of these may be completed in the Blackhawk coal the  
intended production zone in this well. A search made of the records at water rights showed that no  
water from active water wells is being produced from below 385', and that the proposed 500' of  
surface casing will cover these zones. The several springs and diversions along Willow Creek may  
not active, but will be protected by the surface casing and the cement at the bottom of the long string.  
Produced water will be disposed of at an approved disposal facility. This is a previously drilled well  
site and no new surface disturbance will be required to reenter this well and complete the work  
required.

**Reviewer:** K. Michael Hebertson **Date:** 6/October/2000

### **Surface:**

The surface owner was invited and attended the presite for this location and made several changes  
to the proposed plan. Overall he was happy with the operators proposal. The surface owner was also  
made aware of the winter range and habitat concerns expressed by DWR. And the active Sage  
Grouse strutting area that has been identified by DWR. He was not sympathetic to their request no  
interested in holding up work for the time frames requested . At the request of the surface owner the  
access road was relocated and less than 10% grade maintained. Although the new route is longer all  
parties agreed it would serve better. The spoil and pit piles were moved to enhance stability of the  
loose soils. This is a previously drilled well site and no new surface disturbance will be required to  
reenter this well and complete the work required.

**Reviewer:** K. Michael Hebertson **Date:** 6/Octobert /2000

**Supplemental Review:** K. Michael Hebertson **Date:** 6-Oct-2000

### **Conditions of Approval/Application for Permit to Drill:**

1. Berms at the toe of all cut and fill slopes will be cleaned and maintained.
2. The APD stipulates several conditions about pit fencing which will be adhered to.
3. Produced water will be disposed of in a state approved facility.
4. Existing culverts will be cleaned and maintained and new culverts of sufficient size and  
length will be installed and maintained so as not to inhibit natural water flow, where  
necessary.

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

OPERATOR: J.M. Huber  
WELL NAME & NUMBER: Huber-Jensen #11-10  
API NUMBER: 43-007-30164  
LEASE: FEE PRIVATE FIELD/UNIT: Castlegate Field (013)  
LOCATION: 1/4,1/4 NE SW Sec:10 TWP: 12S RNG: 10E 1461 FNL 1735 FWL  
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.  
GPS COORD (UTM): X =517,924 E ; Y = 4,404,824 N SURFACE OWNER: Jerry Jensen

**PARTICIPANTS**

Mike Hebertson & Chris Kierst (DOGM), Jerry Jensen (Surface Owner)  
Larry Sessions (Huber)

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

This well is located on the second bench of the Wasatch Plateau about 3 miles south of the Roan Cliffs, in the area known as Emma Park. Mathis Canyon is to the south of the location about 2 miles and Willow Creek is a major active flowing stream to the west about 1/4 mile which flows to the south down Price Canyon. Other drainages intersect the major secondary and primary system flowing generally north and then west until they meet Willow Creek, thence to the Price River. The whole of Emma Park is open Sage Brush meadow with interspersed grass lands. The surface is of Tertiary & Cretaceous age rocks from the Flagstaff Limestone and the North Horn Conglomerate. The Flagstaff is of lacustrine origin and the North Horn is of a fluvial origin. There is no distinct contact between the two since the two have many complex overlapping facies in this area.

**SURFACE USE PLAN**

CURRENT SURFACE USE: Open range wildlife and livestock use.

PROPOSED SURFACE DISTURBANCE: A location 300 X 200 this is an existing location. The access road will enter the pad on the northeast side.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: There are 8 P&A wells within one mile, all of which were drilled to the Mesa Verde and one new well completed to the Mesa Verde Black Hawk Coal. Four new proposed locations.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Will follow the roads and already established corridors in the abandoned field area. Pipelines and power lines are still in place from previous work.

SOURCE OF CONSTRUCTION MATERIAL: Borrowed from the construction of the location. A commercial supplier will be used for the gravel pad or the material will be purchased from the landowner from a previous supply.

ANCILLARY FACILITIES: These are already in place.

**WASTE MANAGEMENT PLAN:**

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. No crude oil is expected to be produced. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Used oil from drilling operations and

support is hauled to a used oil re-cycler and re-used. Produced water will be disposed of at an approved facility.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: The location is on a tributary gully that supplies Willow Creek about 1 mile east. This area will be protected with berms ditches and silt fences.

FLORA/FAUNA: Deer, Elk, Moose, Cougar, Eagles, Hawks, Other indigenous bird species, Aspen, varieties of grasses, Sage Brush, Rabbit Brush.

SOIL TYPE AND CHARACTERISTICS: Clay from the limestone which weathers to a dark tan to redish in color. Locally with sandstone inclusions and fossil trash or remains.

SURFACE FORMATION & CHARACTERISTICS: Flagstaff Limestone interbedded with the North Horn Formation which varies from a conglomerate to thinly bedded sandstone and interfingers with the Flagstaff.

EROSION/SEDIMENTATION/STABILITY: No stability, problems, and only minor erosion problems exist on the location these will be mitigated by planting with grasses on the margins of the pad.

PALEONTOLOGICAL POTENTIAL: Not required.

RESERVE PIT

CHARACTERISTICS: no pit will be used for this process.

LINER REQUIREMENTS (Site Ranking Form attached): A synthetic liner was originally required.

SURFACE RESTORATION/RECLAMATION PLAN

Already signed and executed.

SURFACE AGREEMENT: Has been executed

CULTURAL RESOURCES/ARCHAEOLOGY: Not required

OTHER OBSERVATIONS/COMMENTS

The location is on an existing pad drilled in the early 1990's and abandoned in the late 1990's. The re-entry will not require new pits or construction, as the work will be done with a workover rig and pit tanks, which are a closed system. All of the water rights, within a mile radius of this well, are protected by the existing casing, and cement. Winter drilling activities are of some concern to the surface owner.

ATTACHMENTS:

Photos were taken and will be placed on file.

K. Michael Hebertson  
DOG M REPRESENTATIVE

~~31~~ May/2000/ 10:30 AM  
10-6 DATE/TIME

**Evaluation Ranking Criteria and Ranking Scores  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>10</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>15</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>15</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>10</u>
<b>Final Score</b>	<u>60</u>	(Level I Sensitivity)





# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

October 18, 2000

AMENDED

J. M. Huber Corporation  
1050 17th Street, Suite 1850  
Denver, CO 80265

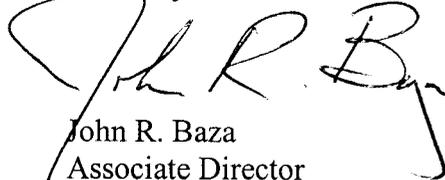
Re: Huber-Jensen 11-10 (Re-Entry) Well, 1461' FSL, 1735' FWL, NE SW, Sec. 10,  
T. 12 South, R. 10 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30164.

Sincerely,



John R. Baza  
Associate Director

er

Enclosures

cc: Carbon County Assessor

**Operator:** \_\_\_\_\_ J. M. Huber Corporation

**Well Name & Number** \_\_\_\_\_ Huber-Jensen 11-10 (Re-Entry)

**API Number:** \_\_\_\_\_ 43-007-30164

**Lease:** \_\_\_\_\_ FEE

**Location:** NE SW                      **Sec.** 10                      **T.** 12 South                      **R.** 10 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Robert Krueger at (801) 538-5274 (plugging)
- Carol Daniels at (801) 538-5284 (spud)

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

#### 4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Private</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: <b>N/A</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: <b>N/A</b>
2. NAME OF OPERATOR: <b>J. M. HUBER CORPORATION</b>			8. WELL NAME and NUMBER: <b>HUBER-JENSEN 11-10</b>
3. ADDRESS OF OPERATOR: <b>1050 17th ST, #700</b> CITY DENVER STATE CO ZIP 80265		PHONE NUMBER: <b>303 825-7900</b>	9. API NUMBER: <b>43-007-30164</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1481 FSL &amp; 1735 FWL</b>			10. FIELD AND POOL, OR WILDCAT: <b>CASTLEGATE</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESW10 12s 10e SL</b>			COUNTY: <b>CARBON</b>
			STATE: <b>UTAH</b>

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

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

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

Request APD approval be extended another one year.

COPIES SENT TO OPERATOR  
11/19/01  
CHB

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 11-19-01  
By: [Signature]

NAME (PLEASE PRINT) <b>BRIAN WOOD</b>	(505) 466-8120	TITLE <b>CONSULTANT</b>
SIGNATURE <u>[Signature]</u>	DATE <b>11-3-01</b>	

(This space for State use only)

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
PRIVATE

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
N/A

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

7. UNIT or CA AGREEMENT NAME:  
N/A

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
HUBER-JENSEN 11-10

2. NAME OF OPERATOR:  
J. M. HUBER CORPORATION

9. API NUMBER:  
43-007-30164

3. ADDRESS OF OPERATOR:  
1050 17th ST, #700 CITY DENVER STATE CO ZIP 80265

PHONE NUMBER:  
303 825-7900

10. FIELD AND POOL, OR WILDCAT:  
CASTLEGATE

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 1481 FSL & 1735 FWL COUNTY: CARBON

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 10 12s 10e SL STATE: UTAH

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

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

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

Request APD approval be extended another one year.

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 01-24-03  
By: *[Signature]*

RECEIVED

JAN 15 2003

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR  
DATE: 01-24-03  
BY: CHD

NAME (PLEASE PRINT) BRIAN WOOD (505) 466-8120 TITLE CONSULTANT FAX: (505) 466-9682  
SIGNATURE *[Signature]* DATE 1-10-03 cc: Choury, Sessions

(This space for State use only)



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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: J.M. Huber Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1050 17th St, #700 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1461' FSL & 1735' FWL		8. WELL NAME and NUMBER: Huber-Jensen 11-10
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 10 12S 10E 6		9. API NUMBER: 4300730164
COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Castlegate
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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of Owner</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>operator</u>

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

Effective December 1, 2003, Please change operator and owner from:

J.M. Huber Corporation  
1050 17th street, Suite 700  
Denver, CO 80265

303-825-7900

To:

Evergreen Operating Corp  
1401 17th Street, Suite 1200  
Denver, CO 80202

303-298-8100

For Evergreen:

Name: Scott Zimmerman *Scott Zimmerman*

Title: VP Operations & Engineering

Date: 2/5/2004

NAME (PLEASE PRINT) <u>J.M. HUBER</u> <u>Barbara Zimmerman</u>	TITLE <u>Director of Land - Northern Business Unit</u>
SIGNATURE <u>Barbara Zimmerman</u>	DATE <u>1/30/04</u>

(This space for State use only)

~~RECEIVED~~ RECEIVED  
FEB 17 2004 FEB 05 2004  
DIVISION OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>PRIVATE</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: <b>N/A</b>
		7. UNIT or CA AGREEMENT NAME: <b>N/A</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>HUBER-JENSEN 11-10</b>
2. NAME OF OPERATOR: <b>J. M. HUBER CORPORATION</b>		9. API NUMBER: <b>4300730164</b>
3. ADDRESS OF OPERATOR: <b>1050 17TH ST, #700</b> CITY <b>DENVER</b> STATE <b>CO</b> ZIP <b>80265</b>		10. FIELD AND POOL, OR WILDCAT: <b>CASTLEGATE</b>
PHONE NUMBER: <b>(303) 825-7900</b>		
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1461 FSL &amp; 1735 FWL</b>		COUNTY: <b>CARBON</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESW 10 12s 10e S</b>		STATE: <b>UTAH</b>

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

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

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

Request APD approval be extended another 1 year.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 01-22-04  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 1-23-04  
Initials: CHD

CC: Millet, Sessions, B. Zimmerman

NAME (PLEASE PRINT) <b>BRIAN WOOD</b> (PHONE: 505 466-8120)	TITLE <b>CONSULTANT</b> (FAX: 505 466-9682)
SIGNATURE <u>[Signature]</u>	DATE <b>1/17/2004</b>

(This space for State use only)

RECEIVED

JAN 21 2004



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-007-30164

**Well Name:**

**Location:**

**Company Permit Issued to:**

**Date Original Permit Issued:**

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

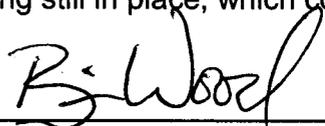
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

  
\_\_\_\_\_  
Signature

1/17/2004  
Date

**RECEIVED**

**JAN 21 2004**

DIV. OF OIL, GAS & MINING

**Title:** Consultant

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: EVERGREEN OPERATING CORP

Well Name: HUBER-JENSEN 11-10 (RE-ENTRY)

Api No: 43-007-30164 Lease Type: FEE

Section 10 Township 12S Range 10E County CARBON

Drilling Contractor PENNAT WELL SERVICE RIG #

**SPUDDED:**

Date 02/11/04

Time

How ROTARY

**Drilling will commence:**

Reported by LARRY SESSIONS

Telephone # 1-435-613-9490

Date 02/17/2004 Signed CHD

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

FORM 6

**ENTITY ACTION FORM**

Operator: Evergreen Operating Corporation Operator Account Number: N 2545  
Address: 1401 17th Street, Suite 1200  
city Denver  
state CO zip 80202 Phone Number: (303) 298-8100

## Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300730164	Huber-Jensen 11-10		NESW	10	12S	10E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99.999	14065	2/10/2004		3/3/04		
Comments: Re entered abandoned well BLKHK							

## Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

## Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

## ACTION CODES:

- 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)

Doris Maly

Name (Please Print)

Signature

Engineering Technician

Title

Date

(5/2000)

RECEIVED

FEB 26 2004

DIV. OF OIL &amp; GAS

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

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_  
 b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
**EVERGREEN OPERATING CORP**

3. ADDRESS OF OPERATOR:  
**212 EAST 100 NORTH CITY PRICE STATE UT ZIP 84501** PHONE NUMBER: **(435) 613-9490**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **1461' FSL & 1735' FWL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH:

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**PRIVATE**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT or CA AGREEMENT NAME  
**N/A**

8. WELL NAME and NUMBER:  
**Huber - Jensen 11-10**

9. API NUMBER:  
**4300430164**

10. FIELD AND POOL, OR WILDCAT  
**CASTLEGATE**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**NE SW 10 12S 10E**

12. COUNTY **CARBON** 13. STATE **UTAH**

14. DATE SPUDDED: **2/10/2004** 15. DATE T.D. REACHED: 16. DATE COMPLETED: **3/5/2004** ABANDONED  READY TO PRODUCE

18. TOTAL DEPTH: MD **4,612** TVD 19. PLUG BACK T.D.: MD **4,070** TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE PLUG SET: MD **4,370** TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**N/A**

23. WAS WELL CORED? NO  YES  (Submit analysis)  
 WAS DST RUN? NO  YES  (Submit report)  
 DIRECTIONAL SURVEY? NO  YES  (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS **MVDGL**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A)				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
<b>4121-4491</b>			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
<b>Existing Perfor</b>			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: \_\_\_\_\_

30. WELL STATUS:  
**P**

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 2/25/2004		TEST DATE: NO TEST		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD: PUMP
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

PURCHASED BY QUESTAR

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

NOTESTS,  
NO NEW WORK - REMOVED PLUGS - SAME PERFS - SAME PL - NO NEW LOGS  
Per OPERATOR - 4/7/04

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

NAME (PLEASE PRINT) LARRY G. SESSIONS

TITLE SENIOR AREA FOREMAN

SIGNATURE



DATE 3/16/2004

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

RECORDED

MAR 19 2004

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

**X Merger**

The operator of the well(s) listed below has changed, effective:		<b>9/28/2004</b>
<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>	
N2545-Evergreen Operating Corp. 1401 17th St, Suite 1200 Denver, CO 80202 Phone: 1-(303) 298-8100	N5155-Pioneer Natural Resources USA, Inc. 5205 N O'Connor Blvd Irving, TX 75039 Phone: 1-(972) 444-9001	

**CA No.**

**Unit:**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BONANZA FED 15-27-10-25	27	100S	250E	4304734941	13840	Federal	GW	P <b>K</b>
HUBER-JENSEN 16-9	09	120S	100E	4300730163	12904	Fee	GW	P
HUBER-JENSEN 1-9	09	120S	100E	4300730717	12903	Fee	GW	P
HUBER-JENSEN 9-10	10	120S	100E	4300730159	12906	Fee	GW	P
HUBER-JENSEN 5-10	10	120S	100E	4300730162	12905	Fee	GW	P
HUBER-JENSEN 11-10	10	120S	100E	4300730164	11405	Fee	GW	P
HUBER-JENSEN 1-10	10	120S	100E	4300730596	12611	Fee	GW	P
HUBER-JENSEN 2-10	10	120S	100E	4300730675	14225	Fee	GW	DRL
SHIMMIN TRUST 11-11	11	120S	100E	4300730166	11410	Fee	GW	DRL
HUBER-SHIMMIN TRUST 2-11	11	120S	100E	4300730659	13070	Fee	GW	P
HUBER-SHIMMIN TRUST 1-11	11	120S	100E	4300730673	12901	Fee	GW	P
HUBER-SHIMMIN TRUST 1-12	12	120S	100E	4300730674	12902	Fee	GW	P
SHIMMIN TRUST 5	14	120S	100E	4300730122	14175	Fee	GW	P
HUBER-SHIMMIN TRUST 3-14	14	120S	100E	4300730640	13069	Fee	GW	P
HUBER-SHIMMIN TRUST 4-14	14	120S	100E	4300730662	13071	Fee	GW	P
FED ENI 7-1	07	130S	260E	4304731134	2840	Federal	GW	P
PINE SPRINGS 13-26-14-22	26	140S	220E	4304731074	13615	Federal	GW	P
FEDERAL 5-13-15-21	13	150S	210E	4304731137	8071	Federal	GW	S
FEDERAL 2-18-15-22	18	150S	220E	4304731091	8077	Federal	GW	S
MAIN CYN 16-4-15-23	04	150S	230E	4304731111	11608	Federal	GW	S
MAIN CYN 6-8-15-23	08	150S	230E	4304731073	11606	Federal	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/21/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/21/2004
- Is the new operator registered in the State of Utah: YES Business Number: 5738462-0143
- If **NO**, the operator was contacted on: \_\_\_\_\_
- (R649-9-2) Waste Management Plan has been received on: \_\_\_\_\_
- Inspections of LA PA state/fee well sites complete on: \_\_\_\_\_

\*\*\*

21

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: not yet

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_

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: N/A

**DATA ENTRY:**

- 1. Changes entered in the **Oil and Gas Database** on: 10/28/2004
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/28/2004
- 3. Bond information entered in RBDMS on: 10/28/2004
- 4. Fee/State wells attached to bond in RBDMS on: 10/28/2004
- 5. Injection Projects to new operator in RBDMS on: 10/28/2004
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on: \*\*\*

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

1. Federal well(s) covered by Bond Number: 104091293

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

1. Indian well(s) covered by Bond Number: n/a

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

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 104319462

2. The **FORMER** operator has requested a release of liability from their bond on: 10/21/2004  
The Division sent response by letter on: 10/28/2004

**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: 11/1/2004

**COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc. <i>N5155</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 5205 N. O'Connor Blvd CITY Irving STATE TX ZIP 75039		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: <b>UTAH</b>		8. WELL NAME and NUMBER: <b>See Attached List</b>
PHONE NUMBER: <b>(972) 444-9001</b>		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

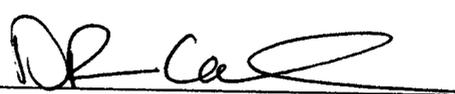
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

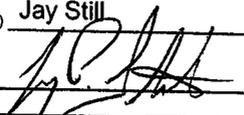
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

- Operator change due to the merger between Pioneer Natural Resources USA, Inc and Evergreen Resources Inc., effective September 28, 2004.
- See list attached for all wells currently operated under the name of Evergreen Operating (subsidiary of Evergreen Resources) as listed on the DOGM database on October 15, 2004.
- Operator will now be Pioneer Natural Resources USA, Inc. Local operation address info and contacts under separate cover.
- Surety Bond #104319462 (replaces RLB 0006706) attached
- Copy of Oil & Gas Geothermal Lease Bond - BLM #104091293 attached

Name: Dennis R. Carlton Title: Executive Vice President, Evergreen Operating Corp. *N2545*

Signature:  Date: 10/18/04

NAME (PLEASE PRINT) Jay Still TITLE Vice President, Western Division, Pioneer Natural Resources USA Inc.

SIGNATURE  DATE 10/19/04

(This space for State use only)

**APPROVED** 10/28/04  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician  
(See Instructions on Reverse Side)

**RECEIVED**  
**OCT 21 2004**  
DIV. OF OIL, GAS & MINING

**EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER  
WELL LIST 10/16/04**

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twpr	Twpd	RngN	RngD	Qtr/Qtr
43-007-30122-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 5	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NWNE
43-007-30137-00-00	EVERGREEN OPERATING CORP	HUBER-FEDERAL 7-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	SWNE
43-007-30138-00-00	EVERGREEN OPERATING CORP	HUBER-FRANSDEN 4-15	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	NWNW
43-007-30140-00-00	EVERGREEN OPERATING CORP	HUBER-FED 6-8	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	SENE
43-007-30159-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 9-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESE
43-007-30162-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 5-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SWNW
43-007-30163-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 16-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	SESE
43-007-30164-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 11-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESW
43-007-30166-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 11-11	Gas Well	Spudded (Drilling commenced; Not yet completed)	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	NESW
43-007-30169-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 14-12	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	12	12	S	10	E	SESW
43-007-30589-00-00	EVERGREEN OPERATING CORP	HUBER-STATE 1-16	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWNE
43-007-30596-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NWSW
43-007-30640-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 3-14	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	SENE
43-007-30659-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 2-11	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SESE
43-007-30662-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 4-14	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	SENE
<del>43-007-30673-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>HUBER-ST/F 4-11</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>CASTLEGATE</del>	<del>CARBON</del>	<del>12S-10E</del>	<del>11</del>	<del>12</del>	<del>S</del>	<del>10</del>	<del>E</del>	<del>SENE</del>
43-007-30673-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 1-11	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SENE
43-007-30674-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 1-12	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	12	12	S	10	E	NWSW
43-007-30675-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-10	Gas Well	Spudded (Drilling commenced; Not yet completed)	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESE
<del>43-007-30679-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>HUBER-JENSEN 3-16</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>CASTLEGATE</del>	<del>CARBON</del>	<del>12S-10E</del>	<del>16</del>	<del>12</del>	<del>S</del>	<del>10</del>	<del>E</del>	<del>SWNE</del>
43-007-30717-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NWSW
43-007-30718-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-18	Gas Well	Spudded (Drilling commenced; Not yet completed)	CASTLEGATE	CARBON	12S-10E	18	12	S	10	E	NESE
43-007-30733-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-4	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	4	12	S	10	E	SWSE
43-007-30734-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-8	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NENE
43-007-30735-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NENW
43-007-30736-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-15	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	SWNE
43-007-30764-00-00	EVERGREEN OPERATING CORP	HUBER-J/F 2-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENW
43-007-30768-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-8	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NESE
43-007-30769-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENE
43-007-30783-00-00	EVERGREEN OPERATING CORP	HUBER-ST 2-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWSE
43-007-30784-00-00	EVERGREEN OPERATING CORP	HUBER-ST 3-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SESW
43-007-30785-00-00	EVERGREEN OPERATING CORP	HUBER-ST 4-16	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SENE
43-007-30787-00-00	EVERGREEN OPERATING CORP	H-M FED 2-14	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NESE
43-007-30810-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-5	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	5	12	S	10	E	NESW
43-007-30858-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NESE
43-007-30859-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-18	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	18	12	S	10	E	NENE
43-007-30860-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-8	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NWSW



**EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER  
WELL LIST 10/15/04**

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twpr	Twpd	RngN	RngD	Qtr/Qtr
43-047-31071-00-00	EVERGREEN OPERATING CORP	FEDERAL 7-15-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	15	15	S	21	E	NWSE
43-047-31072-00-00	EVERGREEN OPERATING CORP	MAIN CYN 6-3-15-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-23E	3	15	S	23	E	NESW
43-047-31073-00-00	EVERGREEN OPERATING CORP	MAIN CYN 6-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	NESW
43-047-31074-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 13-26-14-22	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	26	14	S	22	E	NWNW
43-047-31091-00-00	EVERGREEN OPERATING CORP	FEDERAL 2-18-15-22	Gas Well	Shut-In	WOLF POINT	UINTAH	16S-22E	18	15	S	22	E	SWSE
43-047-31096-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 9-12-14-21	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-21E	12	14	S	21	E	SENE
43-047-31104-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 12-8-15-24	Gas Well	Shut-In	SOUTH CANYON	UINTAH	15S-24E	8	15	S	24	E	SWNW
43-047-31111-00-00	EVERGREEN OPERATING CORP	MAIN CYN 16-4-15-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-23E	4	15	S	23	E	NENE
43-047-31134-00-00	EVERGREEN OPERATING CORP	FED ENI 7-1	Gas Well	Producing	DAVIS CANYON	UINTAH	13S-26E	7	13	S	26	E	NENE
43-047-31135-00-00	EVERGREEN OPERATING CORP	STATE 8-2-15-22	Gas Well	Shut-In	MAIN CANYON	UINTAH	16S-22E	2	15	S	22	E	NESE
43-047-31137-00-00	EVERGREEN OPERATING CORP	FEDERAL 5-13-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	13	15	S	21	E	NWSW
43-047-31348-00-00	EVERGREEN OPERATING CORP	FEDERAL 12-18-14-22	Gas Well	Shut-In	PINE SPRINGS	UINTAH	14S-22E	18	14	S	22	E	SWNW
<del>43-047-31348-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>PINE SPRINGS FED 3-23-14S-22E</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>PINE SPRINGS</del>	<del>UINTAH</del>	<del>14S-22E</del>	<del>23</del>	<del>14</del>	<del>S</del>	<del>22</del>	<del>E</del>	<del>SENE</del>
43-047-34675-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 3-23-14S-22E	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SESW
43-047-34676-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 12-23-14S-22E	Gas Well	Temporarily-Abandoned	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SWNW
43-047-34841-00-00	EVERGREEN OPERATING CORP	BONANZA FED 15-27-10-25	Gas Well	Producing	UNDESIGNATED	UINTAH	10S-25E	27	10	S	25	E	NWNE
43-047-35555-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS ST 6-36-14-22	Gas Well	Spudded (Drilling commenced; Not yet completed)	UNDESIGNATED	UINTAH	14S-22E	36	14	S	22	E	NE
43-047-35556-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 4-22-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	22	14	S	22	E	SWSW
43-047-35566-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 15-21-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	21	14	S	22	E	NWNE

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER:
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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: <b>Pioneer Natural Resources</b>		8. WELL NAME and NUMBER: <b>See attached list</b>
3. ADDRESS OF OPERATOR: 1401 17th St., Suite 1200 CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		9. API NUMBER: <b>43-007-30164</b>
		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: <b>UTAH</b>		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/13/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input checked="" type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Change well name from "State Well Name" (Column 1) to "Well Name" (Column 2). See attached list for wells.

NAME (PLEASE PRINT) <u>Kallasandra M. Boulay</u>	TITLE <u>Engineering Analyst</u>
SIGNATURE	DATE <u>1/3/2006</u>

(This space for State use only)

**RECEIVED**  
**JAN 06 2006**

Pioneer Natural Resources  
 1401 17th Street, Suite 1200  
 Denver, Colorado 80202  
 Contact: Kallasandra Boulay  
 Phone: (303) 675-2719

RECEIVED  
 JAN 06 2006  
 DIV. OF OIL, GAS & MINING

State Well Name	Well Name	Q	S	T	R	State	County	Field	Status (State)	API #	Operator	Well Type
✓ Huber-Federal 7-9	Huber Federal 7-9-12-10	SWNE	9	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30137	PNR	Gas Well
✓ Huber-Jensen 1-10	Huber Jensen 1-10-12-10	NWSW	10	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30596	PNR	Gas Well
✓ Huber-Jensen 11-10	Huber Jensen 11-10-12-10	NESW	10	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30164	PNR	Gas Well
✓ Huber-Jensen 1-15	Huber Jensen 1-15-12-10	SWNE	15	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30736	PNR	Gas Well
✓ Huber-Jensen 1-4	Huber Jensen 1-4-12-10	SWSE	4	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30733	PNR	Gas Well
✓ Huber-Jensen 16-9	Huber Jensen 16-9-12-10	SESE	9	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30163	PNR	Gas Well
✓ Huber-Jensen 1-8	Huber Jensen 1-8-12-10	NESE	8	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30768	PNR	Gas Well
✓ Huber-Jensen 1-9	Huber Jensen 1-9-12-10	NWSW	9	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30717	PNR	Gas Well
✓ Huber-Jensen 2-8	Huber Jensen 2-8-12-10	NENE	8	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30734	PNR	Gas Well
✓ Huber-Jensen 2-9	Huber Jensen 2-9-12-10	NENW	9	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30735	PNR	Gas Well
✓ Huber-Jensen 5-10	Huber Jensen 5-10-12-10	SWNW	10	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30162	PNR	Gas Well
✓ Huber-Jensen 9-10	Huber Jensen 9-10-12-10	NESE	10	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30159	PNR	Gas Well
✓ Huber-Shimmin Trust 1-11	Huber Shimmin Trust 1-11-12-10	SWSW	11	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30673	PNR	Gas Well
✓ Huber-Shimmin Trust 1-12	Huber Shimmin Trust 1-12-12-10	NWSW	12	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30674	PNR	Gas Well
✓ Huber-Shimmin Trust 2-11	Huber Shimmin Trust 2-11-12-10	SESE	11	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30659	PNR	Gas Well
✓ Huber-Shimmin Trust 3-14	Huber Shimmin Trust 3-14-12-10	SENE	14	12S	10E	Utah	Carbon	Castlegate	SI	43-007-30640	PNR	Gas Well
✓ Huber-Shimmin Trust 4-14	Huber Shimmin Trust 4-14-12-10	SENE	14	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30662	PNR	Gas Well
✓ Huber-State 1-16	Huber State 1-16-12-10	NWNE	16	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30589	PNR	Gas Well
✓ Huber -St 4-16	Huber State 4-16-12-10	SENE	16	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30785	PNR	Gas Well
✓ Jensen 7-15 Deep	Jensen Deep 7-15-12-10	SWNE	15	12S	10E	Utah	Carbon	Castlegate	TA	43-007-30786	PNR	Gas Well
✓ Shimmin Trust 11-11	Shimmin Trust 11-11-12-10	NESW	11	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30166	PNR	Gas Well
✓ Shimmin Trust 14-12	Shimmin Trust 14-12-12-10	SESW	12	12S	10E	Utah	Carbon	Castlegate	XX	43-007-30169	PNR	Gas Well
✓ Shimmin Trust 5	Shimmin Trust 5-14-12-10	NWNE	14	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30122	PNR	Gas Well
✓ Huber-St 1-35	Huber State 1-35-12-10 WDW	SWSW	35	12S	10E	Utah	Duchesne	Castlegate	Active	43-013-32308	PNR	WDW
✓ Anderson Fed 2	Anderson Federal 2-12-16S-24E	SWSW	12	16S	24E	Utah	Grand	East Canyon	PR	43-019-30136	PNR	Gas Well
✓ Federal 1-34	Bryson Canyon Federal 1-34-16S-24E	NESE	34	16S	24E	Utah	Grand	Bryson Canyon	PR	43-019-31077	PNR	Gas Well
✓ Federal 2-34	Bryson Canyon Federal 2-34-16S-24E	SESW	34	16S	24E	Utah	Grand	Bryson Canyon	PR	43-019-31078	PNR	Gas Well
✓ Federal 24-1	East Canyon Federal 24-1-16S-24E	NWNE	1	16S	24E	Utah	Grand	East Canyon	PA	43-019-30955	PNR	Gas Well
✓ Black Horse 2	Black Horse 2 1-29-15S-24E	SESE	29	15S	24E	Utah	Uintah	Black Horse Canyon	SI	43-047-30248	PNR	Gas Well
✓ Fed ENI 7-1	Davis Canyon Federal ENI 7-1-13S-26E	NENE	1	13S	26E	Utah	Uintah	Davis Canyon	SI	43-047-31134	PNR	Gas Well



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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Blue Tip Castlegate, Inc. <i>N 3680</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 15810 Park Ten Place - Ste 160 CITY Houston STATE TX ZIP 77084		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 979-6023		8. WELL NAME and NUMBER: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: Carbon		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		10. FIELD AND POOL, OR WILDCAT:

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>4/1/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Blue Tip Castlegate, Inc. has acquired all of Pioneer Natural Resources USA, Inc's interest in the Castlegate Field - see attached well list. The effective date of change of operator is April 1, 2010.

*Betty Brown* 5/13/10  
Betty Brown Date  
Attorney-In-Fact  
Pioneer Natural Resources USA, Inc. *N 5155*  
1401 17th Street - Suite 1200  
Denver, CO 80202  
Phone: 303-675-2610

*Bruce L Taylor* 5/13/10  
Bruce L. Taylor Date  
Manager Vice President *BLT*  
Blue Tip Castlegate, Inc.  
15810 Park Ten Place - Suite 160  
Houston, TX 77084  
Telephone: 303-979-6023  
State Bond No.: B005639  
BLM Bond No.: B005638

NAME (PLEASE PRINT) <u>Bruce L. Taylor</u>	TITLE <u>Manager Vice President <i>BLT</i></u>
SIGNATURE <i>Bruce L Taylor</i>	DATE <u>5/13/10</u>

(This space for State use only)

**APPROVED** 6/30/2010  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

**RECEIVED**  
JUN 03 2010  
DIV. OF OIL, GAS & MINING

PIONEER NATURAL RESOURCES (N5155) to BLUE TIP CASTLEGATE (N3680)

well_name	sec	twp	rng	api	entity	lease	type	stat	C
SHIMMIN TRUST 5-14-12-10	14	120S	100E	4300730122	14175	Fee	GW	P	
CASTLEGATE FED 7-9-12-10	09	120S	100E	4300730137	12991	Federal	GW	P	
JENSEN 9-10-12-10	10	120S	100E	4300730159	12906	Fee	GW	P	
JENSEN 5-10-12-10	10	120S	100E	4300730162	12905	Fee	GW	S	
JENSEN 16-9-12-10	09	120S	100E	4300730163	12904	Fee	GW	P	
JENSEN 11-10-12-10	10	120S	100E	4300730164	11405	Fee	GW	P	
SHIMMIN TRUST 11-11-12-10	11	120S	100E	4300730166	11410	Fee	GW	P	
CASTLEGATE ST 1-16-12-10	16	120S	100E	4300730589	12610	State	GW	P	
JENSEN 1-10-12-10	10	120S	100E	4300730596	12611	Fee	GW	P	
SHIMMIN TRUST 2-11-12-10	11	120S	100E	4300730659	13070	Fee	GW	P	
SHIMMIN TRUST 4-14-12-10	14	120S	100E	4300730662	13071	Fee	GW	P	
SHIMMIN TRUST 1-11-12-10	11	120S	100E	4300730673	12901	Fee	GW	P	
JENSEN 2-10-12-10	10	120S	100E	4300730675	14225	Fee	GW	OPS	
JENSEN 1-9-12-10	09	120S	100E	4300730717	12903	Fee	GW	P	
JENSEN 1-18-12-10	18	120S	100E	4300730718	14226	Fee	GW	P	
JENSEN 1-4-12-10	04	120S	100E	4300730733	13068	Fee	GW	P	
JENSEN 2-8-12-10	08	120S	100E	4300730734	13275	Fee	GW	P	
JENSEN 2-9-12-10	09	120S	100E	4300730735	13317	Fee	GW	P	
JENSEN 1-15-12-10	15	120S	100E	4300730736	13072	Fee	GW	P	
JENSEN 1-8-12-10	08	120S	100E	4300730768	13359	Fee	GW	P	
CASTLEGATE ST 4-16-12-10	16	120S	100E	4300730785	13318	State	GW	P	
JENSEN DEEP 7-15-12-10	15	120S	100E	4300730786	13247	Fee	GW	S	
CASTLEGATE ST 11-16H-12-10	16	120S	100E	4300730961	14224	State	GW	S	
SHIMMIN 11-14-12-10	14	120S	100E	4300730962	14223	Fee	GW	OPS	
JENSEN 23C-9-12-10	09	120S	100E	4300731211	15770	Fee	GW	P	
JENSEN 33C-9-12-10	09	120S	100E	4300731212	15769	Fee	GW	P	
JENSEN 42C-9-12-10	09	120S	100E	4300731213	15766	Fee	GW	P	
JENSEN 43C-9-12-10	09	120S	100E	4300731214	15768	Fee	GW	P	C
CASTLEGATE FED 22C-9-12-10	09	120S	100E	4300731225	15767	Federal	GW	P	
JENSEN 41C-9-12-10	09	120S	100E	4300731452	17246	Fee	GW	OPS	C
JENSEN 14C-10-12-10	10	120S	100E	4300731453	17235	Fee	GW	P	
JENSEN FED 14C-3-12-10	03	120S	100E	4300731495		Federal	GW	APD	C
JENSEN FED 22C-10-12-10	10	120S	100E	4300731498		Federal	GW	APD	C
JENSEN FED 11C-10-12-10	10	120S	100E	4300731499		Federal	GW	APD	C
JENSEN 14C-4-12-10	04	120S	100E	4300731500		Fee	GW	APD	C
JENSEN 44C-4-12-10	04	120S	100E	4300731501		Fee	GW	APD	C
JENSEN 44C-5-12-10	05	120S	100E	4300731502		Fee	GW	APD	C
JENSEN 34C-9-12-10	09	120S	100E	4300731503		Fee	GW	APD	C
JENSEN 31C-9-12-10	09	120S	100E	4300731504		Fee	GW	APD	C
JENSEN 14C-9-12-10	09	120S	100E	4300731505		Fee	GW	APD	C
JENSEN 11C-9-12-10	09	120S	100E	4300731506		Fee	GW	APD	C
JENSEN 24C-9-12-10	09	120S	100E	4300731507		Fee	GW	APD	C
JENSEN ST 11C-34-11-9	34	110S	090E	4304930024	17071	State	GW	S	C

Division of Oil, Gas and Mining  
 Operator Change/Name Change Worksheet-for State use only

Effective Date: 7/1/2016

<b>FORMER OPERATOR:</b>	<b>NEW OPERATOR:</b>
Blue Tip Castlegate, Inc. 15810 Park Ten Place, Suite 160 Houston TX 77084	Liberty Pioneer Energy Sources, Inc. 1411 East 840 North Orem UT 84097
CA Number(s):	Unit(s): N/A

**WELL INFORMATION:**

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

**OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the **FORMER** operator on: 7/21/2016
2. Sundry or legal documentation was received from the **NEW** operator on: 7/21/2016
3. New operator Division of Corporations Business Number: 6353640-0143

**REVIEW:**

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: N/A
3. Reports current for Production/Disposition & Sundries: 8/26/2016
4. OPS/SI/TA well(s) reviewed for full cost bonding: 8/26/2016
5. UIC5 on all disposal/injection/storage well(s) approved on: 8/26/2016
6. Surface Facility(s) included in operator change: N/A
7. Inspections of PA state/fee well sites complete on (only upon operators request): N/A

**NEW OPERATOR BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: ~~N/A~~ UTB000334
2. Indian well(s) covered by Bond Number: N/A
3. State/fee well(s) covered by Bond Number(s): RLB0012097

**DATA ENTRY:**

1. Well(s) update in the **OGIS** on: 8/26/2016
2. Entity Number(s) updated in **OGIS** on: 8/26/2016
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 8/26/2016
6. Surface Facilities update in **RBDMS** on: N/A

**COMMENTS:**

---

From: Blue Tip Castlegate, Inc.  
 To: Liberty Pioneer Energy Source, Inc.  
 Effective: 7/1/2016

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
CASTLEGATE ST 1-35-12-10 WD	35	110S	100E	4301332308	13472	State	State	WD	A
JENSEN 9-10-12-10	10	120S	100E	4300730159	12906	Fee	Fee	GW	P
JENSEN 5-10-12-10	10	120S	100E	4300730162	12905	Fee	Fee	GW	P
JENSEN 16-9-12-10	9	120S	100E	4300730163	12904	Fee	Fee	GW	P
JENSEN 11-10-12-10	10	120S	100E	4300730164	11405	Fee	Fee	GW	P
CASTLEGATE ST 1-16-12-10	16	120S	100E	4300730589	12610	State	State	GW	P
JENSEN 1-10-12-10	10	120S	100E	4300730596	12611	Fee	Fee	GW	P
JENSEN 1-9-12-10	9	120S	100E	4300730717	12903	Fee	Fee	GW	P
JENSEN 2-9-12-10	9	120S	100E	4300730735	13317	Fee	Fee	GW	P
JENSEN 1-15-12-10	15	120S	100E	4300730736	13072	Fee	Fee	GW	P
JENSEN 1-8-12-10	8	120S	100E	4300730768	13359	Fee	Fee	GW	P
JENSEN DEEP 7-15-12-10	15	120S	100E	4300730786	13247	Fee	Fee	GW	P
JENSEN 23C-9-12-10	9	120S	100E	4300731211	15770	Fee	Fee	GW	P
JENSEN 33C-9-12-10	9	120S	100E	4300731212	15769	Fee	Fee	GW	P
JENSEN 43C-9-12-10	9	120S	100E	4300731214	15768	Fee	Fee	GW	P
CASTLEGATE FED 22C-9-12-10	9	120S	100E	4300731225	15767	Federal	Federal	GW	P
JENSEN 41C-9-12-10	9	120S	100E	4300731452	17246	Fee	Fee	GW	P
JENSEN 14C-10-12-10	10	120S	100E	4300731453	17235	Fee	Fee	GW	P
JENSEN FED 6-10-12-10	10	120S	100E	4300750177	18209	Federal	Fee	GW	P
SHIMMIN TRUST 5-14-12-10	14	120S	100E	4300730122	14175	Fee	Fee	GW	S
CASTLEGATE FED 7-9-12-10	9	120S	100E	4300730137	12991	Federal	Federal	GW	S
SHIMMIN TRUST 11-11-12-10	11	120S	100E	4300730166	11410	Fee	Fee	GW	S
SHIMMIN TRUST 2-11-12-10	11	120S	100E	4300730659	13070	Fee	Fee	GW	S
SHIMMIN TRUST 4-14-12-10	14	120S	100E	4300730662	13071	Fee	Fee	GW	S
SHIMMIN TRUST 1-11-12-10	11	120S	100E	4300730673	12901	Fee	Fee	GW	S
JENSEN 1-18-12-10	18	120S	100E	4300730718	14226	Fee	Fee	GW	S
JENSEN 1-4-12-10	4	120S	100E	4300730733	13068	Fee	Fee	GW	S
JENSEN 2-8-12-10	8	120S	100E	4300730734	13275	Fee	Fee	GW	S
CASTLEGATE ST 4-16-12-10	16	120S	100E	4300730785	13318	State	State	GW	S
CASTLEGATE ST 11-16H-12-10	16	120S	100E	4300730961	14224	State	State	GW	S
JENSEN 42C-9-12-10	9	120S	100E	4300731213	15766	Fee	Fee	GW	S
JENSEN 2C-9	9	120S	100E	4300750179	18242	Fee	Fee	GW	S
JENSEN ST 11C-34-11-9	34	110S	090E	4304930024	17071	State	Fee	GW	S

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: SEE ATTACHED LIST
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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: <b>Liberty Pioneer Energy Source, Inc.</b>		8. WELL NAME and NUMBER: SEE ATTACHED LIST
3. ADDRESS OF OPERATOR: <b>1411 E 840 N</b> CITY <b>Orem</b> STATE <b>UT</b> ZIP <b>84097</b>		9. API NUMBER: SEE ATTACHED LIST
PHONE NUMBER: <b>(801)224-4771</b>		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED LIST COUNTY:		STATE: <b>UTAH</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		

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

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

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

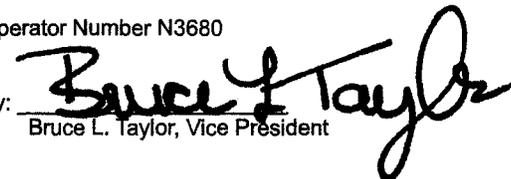
**CHANGE OF OPERATOR**

PREVIOUS OPERATOR:  
Blue Tip Castlegate, Inc. **N3680**  
15810 Park Ten Place - Suite 160  
Houston, TX 77084  
Phone (281) 994-3800

NEW OPERATOR:  
Liberty Pioneer Energy Source, Inc. **N2855**  
1411 East 840 North  
Orem, UT 84097  
Phone (801) 224-4771

Operator Number N3680

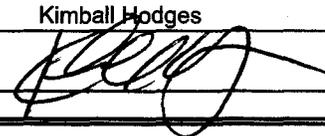
Operator Number N2855

By:   
Bruce L. Taylor, Vice President

**RECEIVED**  
**JUL 21 2016**

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

Be advised that Liberty Pioneer Energy Source, Inc. is responsible under the terms and conditions of the related leases for the operations conducted upon the leased lands. Bond coverage is covered by Bond No. RLB0012097.

NAME (PLEASE PRINT) <u>Kimball Hodges</u>	TITLE <u>Vice President of Liberty Pioneer Energy Source, Inc.</u>
SIGNATURE 	DATE <u>7/18/16</u>

(This space for State use only)

**APPROVED**

**AUG 26 2016**

DIV. OIL GAS & MINING  
BY: Rachael Medema

ATTACHED LIST to Change of Operator Sundry Notice

BTC WELL NUMBER	WELL NAME AND NUMBER	LEGAL DESCRIPTION	OPERATOR	API	COUNTY	STATE
2080001	JENSEN 1-4-12-10	Salt Lake Meridian T12S R10E Sec 04: SWSE	BLUE TIP CASTLEGATE INC.	43-007-30733-0000	CARBON	UTAH
2080002	JENSEN 1-8-12-10	Salt Lake Meridian T12S R10E Sec 08: NESE	BLUE TIP CASTLEGATE INC.	43-007-30768-0000	CARBON	UTAH
2080003	JENSEN 2-8-12-10	Salt Lake Meridian T12S R10E Sec 08: NENE	BLUE TIP CASTLEGATE INC.	43-007-30734-0000	CARBON	UTAH
2080004	CASTLEGATE FED 22C-9-12-10	Salt Lake Meridian T12S R10E Sec 09: SENW	BLUE TIP CASTLEGATE INC.	43-007-31225-0000	CARBON	UTAH
2080005	CASTLEGATE FED 7-9-12-10	Salt Lake Meridian T12S R10E Sec 09: SWNE	BLUE TIP CASTLEGATE INC.	43-007-30137-0000	CARBON	UTAH
2080006	JENSEN 1-9-12-10	Salt Lake Meridian T12S R10E Sec 09: NWSW	BLUE TIP CASTLEGATE INC.	43-007-30717-0000	CARBON	UTAH
2080007	JENSEN 2-9-12-10	Salt Lake Meridian T12S R10E Sec 09: NENW	BLUE TIP CASTLEGATE INC.	43-007-30735-0000	CARBON	UTAH
2080008	JENSEN 16-9-12-10	Salt Lake Meridian T12S R10E Sec 09: SESE	BLUE TIP CASTLEGATE INC.	43-007-30163-0000	CARBON	UTAH
2080009	JENSEN 23C-9-12-10	Salt Lake Meridian T12S R10E Sec 09: NESW	BLUE TIP CASTLEGATE INC.	43-007-31211-0000	CARBON	UTAH
2080010	JENSEN 33C-9-12-10	Salt Lake Meridian T12S R10E Sec 09: NWSE	BLUE TIP CASTLEGATE INC.	43-007-31212-0000	CARBON	UTAH
2080011	JENSEN 42C-9-12-10	Salt Lake Meridian T12S R10E Sec 09: SENE	BLUE TIP CASTLEGATE INC.	43-007-31213-0000	CARBON	UTAH
2080012	JENSEN 43C-9-12-10	Salt Lake Meridian T12S R10E Sec 09: NESE	BLUE TIP CASTLEGATE INC.	43-007-31214-0000	CARBON	UTAH
2080013	JENSEN 1-10-12-10	Salt Lake Meridian T12S R10E Sec 10: NWSW	BLUE TIP CASTLEGATE INC.	43-007-30596-0000	CARBON	UTAH
2080014	JENSEN 5-10-12-10	Salt Lake Meridian T12S R10E Sec 10: SWNW	BLUE TIP CASTLEGATE INC.	43-007-30162-0000	CARBON	UTAH
2080015	JENSEN 11-10-12-10	Salt Lake Meridian T12S R10E Sec 10: NESW	BLUE TIP CASTLEGATE INC.	43-007-30164-0000	CARBON	UTAH

ATTACHED LIST to Change of Operator Sundry Notice

BTC WELL NUMBER	WELL NAME AND NUMBER	LEGAL DESCRIPTION	OPERATOR	API	COUNTY	STATE
2080016	JENSEN 14C-10-12-10	Salt Lake Meridian T12S R10E Sec 10: SWSW	BLUE TIP CASTLEGATE INC.	43-007-31453-0000	CARBON	UTAH
2080017	SHIMMIN TRUST 1-11-12-10	Salt Lake Meridian T12S R10E Sec 11: SWSW	BLUE TIP CASTLEGATE INC.	43-007-30673-0000	CARBON	UTAH
2080018	SHIMMIN TRUST 2-11-12-10	Salt Lake Meridian T12S R10E Sec 11: SFSW	BLUE TIP CASTLEGATE INC.	43-007-30659-0000	CARBON	UTAH
2080019	SHIMMIN TRUST 4-14-12-10	Salt Lake Meridian T12S R10E Sec 14: SENW	BLUE TIP CASTLEGATE INC.	43-007-30662-0000	CARBON	UTAH
2080020	SHIMMIN TRUST 5-14-12-10	Salt Lake Meridian T12S R10E Sec 14: NWNE	BLUE TIP CASTLEGATE INC.	43-007-30122-0000	CARBON	UTAH
2080021	JENSEN 1-15-12-10	Salt Lake Meridian T12S R10E Sec 15: SWNE	BLUE TIP CASTLEGATE INC.	43-007-30736-0000	CARBON	UTAH
2080022	JENSEN DEEP 7-15-12-10	Salt Lake Meridian T12S R10E Sec 15: SWNE	BLUE TIP CASTLEGATE INC.	43-007-30786-0000	CARBON	UTAH
2080023	CASTLEGATE ST 1-16-12-10	Salt Lake Meridian T12S R10E Sec 16: NWNE	BLUE TIP CASTLEGATE INC.	43-007-30589-0000	CARBON	UTAH
2080024	CASTLEGATE ST 4-16-12-10	Salt Lake Meridian T12S R10E Sec 16: SENW	BLUE TIP CASTLEGATE INC.	43-007-30785-0000	CARBON	UTAH
2080025	JENSEN 1-18-12-10	Salt Lake Meridian T12S R10E Sec 18: NESE	BLUE TIP CASTLEGATE INC.	43-007-30718-0000	CARBON	UTAH
2080026	CASTLEGATE ST 1-35-12-10 WD	Salt Lake Meridian T11S R10E Sec 35: SWSW	BLUE TIP CASTLEGATE INC.	43-013-32308-0000	DUCHESNE	UTAH
2080027	CASTLEGATE ST 11-16H-12-10	Salt Lake Meridian T12S R10E Sec 16: NWNW	BLUE TIP CASTLEGATE INC.	43-007-30961-0000	CARBON	UTAH
2080028	JENSEN STATE 11C-34-11-9	Salt Lake Meridian T11S R9E Sec 34: NWNW	BLUE TIP CASTLEGATE INC.	43-049-30024-0000	UTAH	UTAH
2080030	JENSEN 41C-9-12-10	Salt Lake Meridian T12S R10E Sec 09: NENE	BLUE TIP CASTLEGATE INC.	43-007-31452-0000	CARBON	UTAH

29

ATTACHED LIST to Change of Operator Sundry Notice

BTC WELL NUMBER	WELL NAME AND NUMBER	LEGAL DESCRIPTION	OPERATOR	API	COUNTY	STATE
2080032	JENSEN 9-10-12-10	Salt Lake Meridian T12S R10E Sec 10: NESE	BLUE TIP CASTLEGATE INC.	43-007-30159-0000	CARBON	UTAH
2080033	SHIMMIN TRUST 11-11-12-10	Salt Lake Meridian T12S R10E Sec 11: NESW	BLUE TIP CASTLEGATE INC.	43-007-30166-0000	CARBON	UTAH
2080042	JENSEN 2C-9-12-10	Salt Lake Meridian T12S R10E Sec 9: NW4NE4	BLUE TIP CASTLEGATE INC.	43-007-01790-0000 50179	CARBON	UTAH
2080043	JENSEN FED 6-10-12-10	Salt Lake Meridian T12S R10E Sec 6: SE4NW4	BLUE TIP CASTLEGATE INC.	43-007-50177-0000	CARBON	UTAH

33

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Castlegate St 1-35-12-10	API Number 4301332308
Location of Well Footage : 540' FSL, 1135' FWL County : Duchesne QQ, Section, Township, Range: SWSW 35 11S 10E State : UTAH	Field or Unit Name Castlegate Lease Designation and Number ML-48822

EFFECTIVE DATE OF TRANSFER: 7/1/2016

**CURRENT OPERATOR**

Company: <u>Blue Tip Castlegate, Inc.</u>	Name: <u>Bruce L. Taylor</u>
Address: <u>P. O. Box 842317</u>	Signature: <u><i>Bruce L. Taylor</i></u>
<u>city</u> <u>Houston</u> <u>state</u> <u>TX</u> <u>zip</u> <u>77284</u>	Title: <u>Secretary</u>
Phone: <u>(281) 944-3800</u>	Date: <u>7/1/2016</u>
Comments:	

**NEW OPERATOR**

Company: <u>WEM Castlegate, LLC</u>	Name: <u>Cory Eusem</u>
Address: <u>1411 East 840 North</u>	Signature: <u><i>Cory Eusem</i></u>
<u>city</u> <u>Orem</u> <u>state</u> <u>UT</u> <u>zip</u> <u>84097</u>	Title: <u>Manager</u>
Phone: _____	Date: <u>7/1/16</u>
Comments:	

(This space for State use only)

Transfer approved by: *Don Juan*  
Title: UIC Geologist

Approval Date: 8/3/16

Comments:

RECEIVED  
JUL 21 2016



Dustin K. Doucet  
Petroleum Engineer  
Division of Oil, Gas and Mining  
1594 West North Temple, Ste 1210  
Salt Lake City, Utah 84116

RE: Bonding for Castlegate Field Wells

August 15, 2016

Dustin:

Blue Tip Energy Management, LLC was the previous operator and bondholder of the Castle Gate Field and associated wells listed below. Liberty Pioneer Energy Source, Inc. ("LPES") has submitted the necessary paperwork to take over as the new operator of these wells. Per our recent communications we would like to make the following proposal pertaining to the bonding of the wells listed below so that all of the wells in the field will be covered by LPES blanket bond #RLB0012097.

1) LPES plans to P&A the following wells prior to November 1, 2016:

13318 CASTLEGATE ST 4-16-12-10  
14224 CASTLEGATE ST 11-16H-12-10

2) LPES is currently getting pricing to build a pipeline to the following well which is believed to be capable of production. If pricing is reasonable, LPES will propose production testing and flaring. We will notify you of our decision to either run a pipeline or plug and abandon this well before the end of 2016. If the decision is to produce, LPES will commence the pipeline permitting process before the end of 2016:

17071 JENSEN STATE 11C-34-11-9

3) Wells that are currently producing or will be returned to producing status by October 1, 2016:

13070 SHIMMIN TRUST 2-11-12-10  
13275 JENSEN 2-8-12-10  
13071 SHIMMIN TRUST 4-14-12-10  
13068 JENSEN 1-4-12-10  
18242 JENSEN 2C-9-12-10  
12991 CASTLEGATE FED 7-9-12-10  
11405 JENSEN 11-10-12-10  
12610 CASTLEGATE ST 1-16-12-10  
12611 JENSEN 1-10-12-10  
12903 JENSEN 1-9-12-10  
12904 JENSEN 16-9-12-10  
12905 JENSEN 5-10-12-10  
12906 JENSEN 9-10-12-10  
13072 JENSEN 1-15-12-10  
13247 JENSEN DEEP 7-15-12-10  
13317 JENSEN 2-9-12-10  
13359 JENSEN 1-8-12-10  
15766 JENSEN 42C-9-12-10  
15767 CASTLEGATE FED 22C-9-12-10  
15768 JENSEN 43C-9-12-10  
15769 JENSEN 33C-9-12-10  
15770 JENSEN 23C-9-12-10  
17235 JENSEN 14C-10-12-10  
17246 JENSEN 41C-9-12-10  
14226 JENSEN 1-18-12-10  
11410 SHIMMIN TRUST 11-11-12-10  
12901 SHIMMIN TRUST 1-11-12-10  
14175 SHIMMIN TRUST 5-14-12-10  
18209 JENSEN 6-10-12-10

Thanks for your help. Please let us know if you have any questions.

Sincerely,



Daniel R. Gunnell  
President  
Liberty Pioneer Energy Source, Inc.  
1411 East 840 North  
Orem, UT 84097



Rachel Medina &lt;rachelmedina@utah.gov&gt;

---

**Fwd: LPES plans for the Castlegate field wells/Bonding**

2 messages

---

**Dayne Doucet** <daynedoucet@utah.gov>

Wed, Aug 17, 2016 at 11:46 AM

To: Rachel Medina &lt;rachelmedina@utah.gov&gt;, Randy Thackeray &lt;randythackeray@utah.gov&gt;

FYI

----- Forwarded message -----

From: **Daniel Gunnell** <dgunnell@rockiesstandard.com>

Date: Wed, Aug 17, 2016 at 9:40 AM

Subject: Re: LPES plans for the Castlegate field wells/Bonding

To: Dustin Doucet &lt;dustindoucet@utah.gov&gt;

Cc: Brad Gunnell &lt;bgunnell@rockiesstandard.com&gt;, Cory Jensen &lt;cjensen@rockiesstandard.com&gt;, Kimball Hodges &lt;khodges@rockiesstandard.com&gt;, Dayne Doucet &lt;daynedoucet@utah.gov&gt;, Joshua Payne &lt;joshuapayne@utah.gov&gt;

Dustin:

Thanks for your help with this! Please find Bond Proposal Letter attached.

If there is anything else you need please let me know. The Blue Tip guys are anxious to get their bond released.

Let me know if I need to send a hard copy of the letter.

Best,

Danny

On Mon, Aug 8, 2016 at 9:24 AM, Dustin Doucet &lt;dustindoucet@utah.gov&gt; wrote:

Danny,

Yes if you would just edit your previous plan and resubmit so there is no confusion. I think that would make it cleaner. If you decide to put a well online and have it online by the plugging deadline, then that should be fine.

Dustin

On Tue, Aug 2, 2016 at 4:31 PM, Daniel Gunnell &lt;dgunnell@rockiesstandard.com&gt; wrote:

Dustin:

Sorry for not getting back to you on this until now. There maybe a couple of wells that we may come back to you specifically on, but I think that we have now got a pretty good go forward plan that will meet and exceed your end of the year time frame for getting the wells in categories 2 and 3 in production.

There is one material change to my previous email that we want to make you aware of - instead of plugging the 11C-34 we are seriously considering running a pipeline to it and bringing online... not a final decision yet, but we are have got and are getting additional bids, and designing a test plan to better understand what production would look like.

Do I need to submit a formal letter with dates of Nov 1 for plugging and end of year to get wells on production under our existing bonds or are these emails sufficient?

Thanks for your help!

Best,

Danny

What time do you think you need? I would think by the end of the year max. If you can line out more justification, I'm open to listening to the reasoning.

Dustin

On Thu, Jun 30, 2016 at 12:21 PM, Daniel Gunnell <dgunnell@rockiesstandard.com> wrote:  
Dustin:

Sounds good. Thanks for your help.

Can we push back just a little to get as much time as possible for shut in wells that we need to come up with a plan for or plug (#2 in my original email?) - how much beyond Oct 2016 could you give us? We are going to be really busy so as much extra time as you can give really helps... we are reclaiming those evaporation ponds immediately, taking over operations, retrofitting the plant, plugging the identified wells, and ramping up production by reworking multiple shut-in wells that are we have already reviewed.

Let me know and thanks again.

Best,

Danny

On Thu, Jun 30, 2016 at 10:30 AM, Dustin Doucet <dustindoucet@utah.gov> wrote:  
Danny,

I would be o.k. with the timing and plan on part 1. The timing on part 2 does not work. Those have been SI/TA anywhere from 2.5 to 5 years. Did you mean October 2016? Our discussions were if you had a plan to produce or plug within a short period (meaning a few months), then we could forego increased bonding but increased bonding would be necessary if that wasn't accomplished. Part 3 would be similar to part 2 on the wells that have been SI/TA. The producing ones would probably be fine as you have 1 year allowed by rule (see below).

Production data through Jan 2016

13070	SHIMMIN TRUST 2-11-12-10	<u>SI since Sep 2014</u>
13275	JENSEN 2-8-12-10	<u>SI since Nov 2015</u>
13071	SHIMMIN TRUST 4-14-12-10	<u>SI since Dec 2015</u>
13068	JENSEN 1-4-12-10	<u>Produced 1 day in Jan 2016</u>
18242	JENSEN 2C-9-12-10	<u>Producing</u>
12991	CASTLEGATE FED 7-9-12-10	<u>Producing</u>
11405	JENSEN 11-10-12-10	<u>Producing</u>
12610	CASTLEGATE ST 1-16-12-10	<u>Producing</u>
12611	JENSEN 1-10-12-10	<u>Producing</u>
12903	JENSEN 1-9-12-10	<u>Producing</u>
12904	JENSEN 16-9-12-10	<u>Producing</u>
12905	JENSEN 5-10-12-10	<u>Producing</u>
12906	JENSEN 9-10-12-10	<u>Producing</u>
13072	JENSEN 1-15-12-10	<u>Produced 1 day in Jan 2016</u>
13247	JENSEN DEEP 7-15-12-10	<u>Produced 1 day in Jan 2016</u>

13359 JENSEN 1-8-12-10 Producing  
15766 JENSEN 42C-9-12-10 Producing  
15767 CASTLEGATE FED 22C-9-12-10 Producing  
15768 JENSEN 43C-9-12-10 Producing  
15769 JENSEN 33C-9-12-10 Producing  
15770 JENSEN 23C-9-12-10 SI since Nov 2015  
17235 JENSEN 14C-10-12-10 Producing  
17246 JENSEN 41C-9-12-10 Producing  
18209 JENSEN 6-10-12-10 Producing

On Fri, Jun 24, 2016 at 11:28 AM, Daniel Gunnell <dgunnell@rockiesstandard.com> wrote:

Dustin:

Per our recent conversation, I wanted to informally run our plans/bonding proposal for the Castle Gate Field by you for your comment prior to submitting a final proposal. Here is what we are considering:

Blue Tip Energy Management, LLC ("Blue Tip"), is the current operator and bondholder, of the Castle Gate Field and associated wells listed below ("Wells"). LPES should take over as the new operator effective July 1 2016. In anticipation of the transfer of operations and per our recent phone conversation we would like to make the following proposal pertaining to the LPES bonding of the wells listed below so that all of the wells in the field will be covered by LPES blanket bond #RLB0012097.

1) LPES will P&A the following wells prior to November 1, 2016:

17071 JENSEN STATE 11C-34-11-9  
14224 CASTLEGATE ST 11-16H-12-10

2) LPES will evaluate and propose a go forward plan after evaluation on the following shut-in wells prior to October 1 2017:

13318 CASTLEGATE ST 4-16-12-10  
14226 JENSEN 1-18-12-10  
11410 SHIMMIN TRUST 11-11-12-10  
12901 SHIMMIN TRUST 1-11-12-10  
14175 SHIMMIN TRUST 5-14-12-10

13070 SHIMMIN TRUST 2-11-12-10

13275 JENSEN 2-8-12-10

13071 SHIMMIN TRUST 4-14-12-10

13068 JENSEN 1-4-12-10

18242 JENSEN 2C-9-12-10

12991 CASTLEGATE FED 7-9-12-10

11405 JENSEN 11-10-12-10

12610 CASTLEGATE ST 1-16-12-10

12611 JENSEN 1-10-12-10

12903 JENSEN 1-9-12-10

12904 JENSEN 16-9-12-10

12905 JENSEN 5-10-12-10

12906 JENSEN 9-10-12-10

13072 JENSEN 1-15-12-10

13247 JENSEN DEEP 7-15-12-10

13317 JENSEN 2-9-12-10

13359 JENSEN 1-8-12-10

15766 JENSEN 42C-9-12-10

15767 CASTLEGATE FED 22C-9-12-10

15768 JENSEN 43C-9-12-10

15769 JENSEN 33C-9-12-10

15770 JENSEN 23C-9-12-10

17235 JENSEN 14C-10-12-10

17246 JENSEN 41C-9-12-10

18209 JENSEN 6-10-12-10

If this proposal is acceptable please let me know and I will submit a formal letter for approval. Thanks for your help.

Best,

Danny

—

Daniel R. Gunnell  
1411 East 840 North  
Orem, UT 84097  
(801) 224-4771

Confidentiality Notice—This electronic transmission and any attached documents or other writings are intended only for the person or entity to which it is addressed and may contain information that is privileged, confidential or otherwise protected from disclosure. Any disclosure, copying, distribution or the taking of any action concerning the contents of this communication or any attachments by anyone other than the named recipient is strictly prohibited. If you have received this communication in error, please consider the communication and any attachments as confidential and immediately notify sender by return e-mail and destroy the communication and any and all attachments.

—

Dustin K. Doucet  
Petroleum Engineer  
Division of Oil, Gas and Mining  
1594 West North Temple, Ste 1210  
Salt Lake City, Utah 84116  
801.538.5281 (ofc)  
801.359.3940 (fax)

web: [www.ogm.utah.gov](http://www.ogm.utah.gov)

—

Daniel R. Gunnell  
1411 East 840 North  
Orem, UT 84097  
(801) 224-4771

Confidentiality Notice—This electronic transmission and any attached documents or other writings are intended only for the person or entity to which it is addressed and may contain information that is privileged, confidential or otherwise protected from disclosure. Any disclosure, copying, distribution or the taking of any action concerning the contents of this communication or any attachments by anyone other than the named recipient is strictly prohibited. If you have received this communication in error, please consider the communication and any attachments as confidential and immediately notify sender by return e-mail and destroy the communication and any and all attachments.

—

Dustin K. Doucet  
Petroleum Engineer  
Division of Oil, Gas and Mining  
1594 West North Temple, Ste 1210  
Salt Lake City, Utah 84116  
801.538.5281 (ofc)  
801.359.3940 (fax)

web: [www.ogm.utah.gov](http://www.ogm.utah.gov)

--  
Daniel R. Gunnell  
1411 East 840 North  
Orem, UT 84097  
(801) 224-4771

Confidentiality Notice—This electronic transmission and any attached documents or other writings are intended only for the person or entity to which it is addressed and may contain information that is privileged, confidential or otherwise protected from disclosure. Any disclosure, copying, distribution or the taking of any action concerning the contents of this communication or any attachments by anyone other than the named recipient is strictly prohibited. If you have received this communication in error, please consider the communication and any attachments as confidential and immediately notify sender by return e-mail and destroy the communication and any and all attachments.

--  
Dustin K. Doucet  
Petroleum Engineer  
Division of Oil, Gas and Mining  
1594 West North Temple, Ste 1210  
Salt Lake City, Utah 84116  
801.538.5281 (ofc)  
801.359.3940 (fax)

web: [www.ogm.utah.gov](http://www.ogm.utah.gov)

--  
Daniel R. Gunnell  
1411 East 840 North  
Orem, UT 84097  
(801) 224-4771

Confidentiality Notice—This electronic transmission and any attached documents or other writings are intended only for the person or entity to which it is addressed and may contain information that is privileged, confidential or otherwise protected from disclosure. Any disclosure, copying, distribution or the taking of any action concerning the contents of this communication or any attachments by anyone other than the named recipient is strictly prohibited. If you have received this communication in error, please consider the communication and any attachments as confidential and immediately notify sender by return e-mail and destroy the communication and any and all attachments.

--  
Dayne Doucet  
Petroleum Engineer  
UDOGM  
801-538-5303

---

 **Statewide Bond Proposal.pdf**  
421K

---

**Dustin Doucet** <[dustindoucet@utah.gov](mailto:dustindoucet@utah.gov)>

Wed, Aug 17, 2016 at 2:01 PM

To: Daniel Gunnell <[dgunnell@rockiesstandard.com](mailto:dgunnell@rockiesstandard.com)>, Rachel Medina <[rachelmedina@utah.gov](mailto:rachelmedina@utah.gov)>

Cc: Brad Gunnell <[bgunnell@rockiesstandard.com](mailto:bgunnell@rockiesstandard.com)>, Cory Jensen <[cjensen@rockiesstandard.com](mailto:cjensen@rockiesstandard.com)>, Kimball Hodges <[khodges@rockiesstandard.com](mailto:khodges@rockiesstandard.com)>, Dayne Doucet <[daynedoucet@utah.gov](mailto:daynedoucet@utah.gov)>, Joshua Payne <[joshuapayne@utah.gov](mailto:joshuapayne@utah.gov)>

Danny,

I think that looks fine. If the deadlines aren't met we will be looking for full cost bonding in addition to getting the wells back into compliance. I have copied Rachel Medina on this email so she can proceed with the operator change with this plan and conditions. thanks.