

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

(Other instructions on reverse side)

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

N/A

7. Unit Agreement Name

N/A

8. Farm or Lease Name

Shimmin Trust

9. Well No.

#11-11

10. Field and Pool, or Wildcat

Wildcat

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

Sec. 11, T12S - R10E

12. County or Parrish 13. State

Carbon Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other Coalbed Methane

Single Zone

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

2313' FSL and 1501' FWL

At proposed prod. zone

NE SW Sec. 11

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)

1501'

16. No. of acres in lease

800

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.

180'

19. Proposed depth

5150'

20. Rotary or cable tools

Rotary

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

7230' GR

22. Approx. date work will start\*

Immediately upon approval of this application

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	9-5/8"	36#	500'	265 sx or suffic to circ to surf.
8-3/4"	7" *	26#	5150'	475 sx, stage tool at 3200'

PG & E Resources Company proposes to drill a well to 5150' 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 State of Utah requirements.

Engr. JMT 9/2/92  
Geol. D. J. ... 8/18/92  
Surface ... 8/17/92

See Drilling Program attached.

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

\* This well may be considered in the future for possible use as a water disposal well. If so, the appropriate UIC application will be filed with the 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. Signed [Signature] Title Consultant for PG & E Resources Company Date 8/6/92

(This space for Federal or State office use)

Permit No. 13-007-30166 Approval Date 9-2-92

Approved by [Signature] Title [Signature]

Conditions of approval, if any: WELL SPACING: 649-3-3

\*See Instructions On Reverse Side

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
DATE: 9-2-92  
BY: [Signature]  
WELL SPACING: 649-3-3  
OCT 10 1992  
DIV. OIL, GAS, MINING

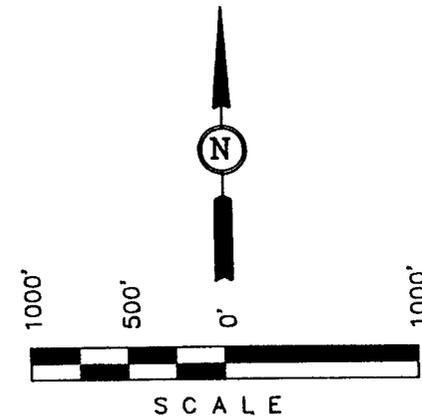
T12S, R10E, S.L.B.&M.

**PG&E RESOURCES COMPANY**

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

BASIS OF ELEVATION

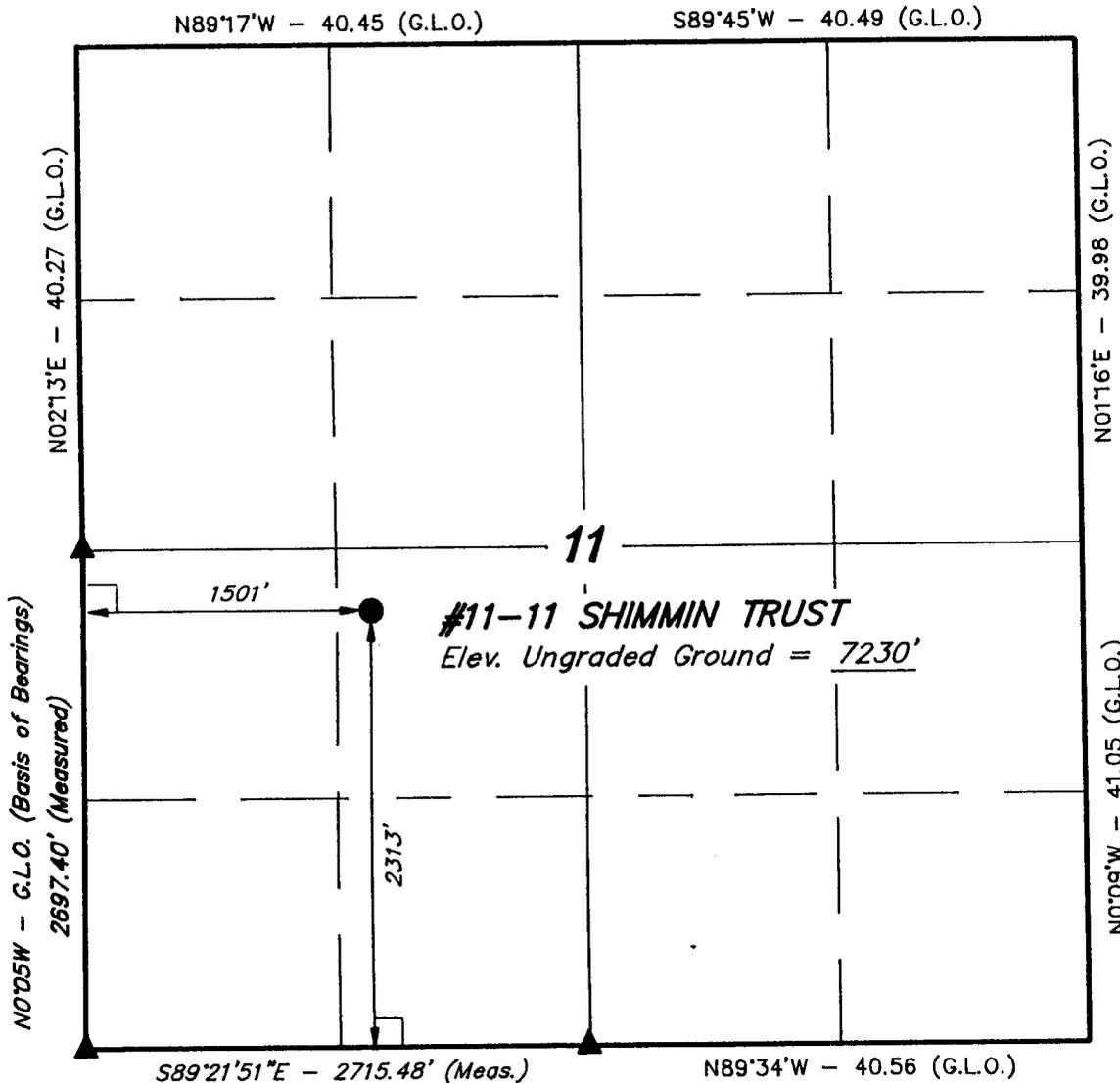
BENCH MARK 265 (1934) LOCATED IN THE NE 1/4 OF SECTION 10, T12S, R10E, S.L.B.&M. TAKEN FROM THE MATTS SUMMIT QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7131 FEET.



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: 7-15-92	DATE DRAWN: 7-17-92
PARTY D.A. K.K. J.L.G.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE PG&E RESOURCES	

**CONFIDENTIAL - TIGHT HOLE**

**#11-11 SHIMMIN TRUST**  
**2313' FSL and 1501' FWL**  
**NE SW Sec. 11, 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**



The subject well is being drilled to test the Blackhawk and Star Point Coals for Coalbed Methane. If this well is productive, it may also be considered for use as a water disposal well. If so, the required UIC application will be filed with the Division of Oil, Gas & Mining.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Flagstaff	Surface
Price River	2882'
Castlegate	3336'
Blackhawk	3632'
Kenilworth (S.P. I)	4359'
Aberdeen (S.P. II)	4560'
T.D.	5150'

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"	9-5/8"	36#	K-55
Produc.	0-5150'	8-3/4"	7"	26#	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 265 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: 300 sx 50/50 Pozmix + 2% Gel + .25% Flocele. Second Stage: 175 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
3500-5150'	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 Cased Hole Dual Spaced Neutron w/Gamma Ray, 2" & 5" from T.D. to Base of Surface Casing and an Acoustic CBL/CCL, - 5" from T. D. to Base of Surface casing.
- c. No cores are anticipated.

6. Spud Date/Drilling Time

- a. Drilling is planned to commence upon approval of this application.
- 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 (#t92-91-12) is on file 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

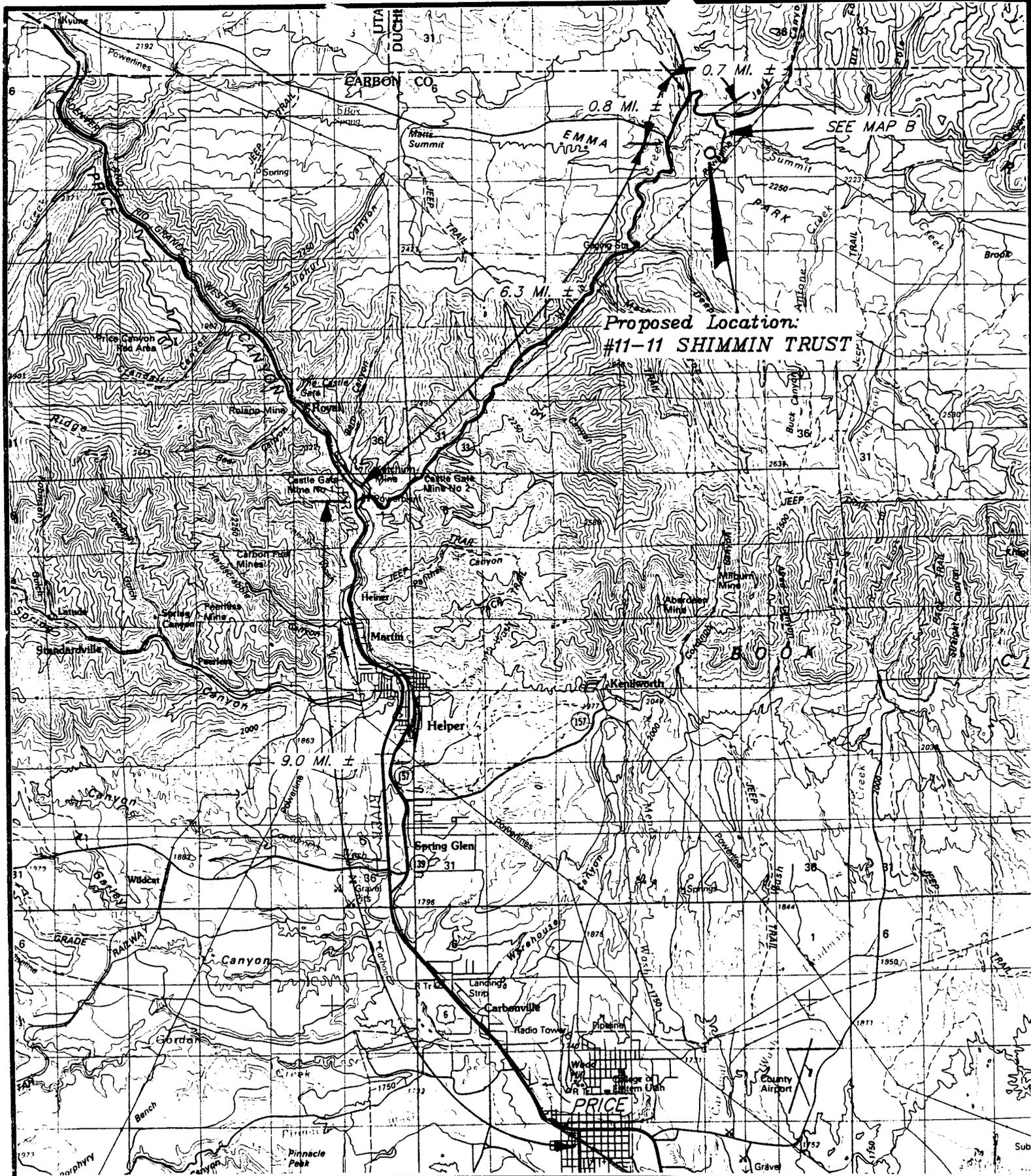
place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the 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 2235 psi (.434 psi/ft). The maximum surface pressure is 1102 psi (based on partially evacuated hole at 0.22 psi/ft.)
- b. No hydrogen sulfide gas or abnormal pressures are anticipated.





Proposed Location:  
**#11-11 SHIMMIN TRUST**

TOPOGRAPHIC  
 MAP "A"

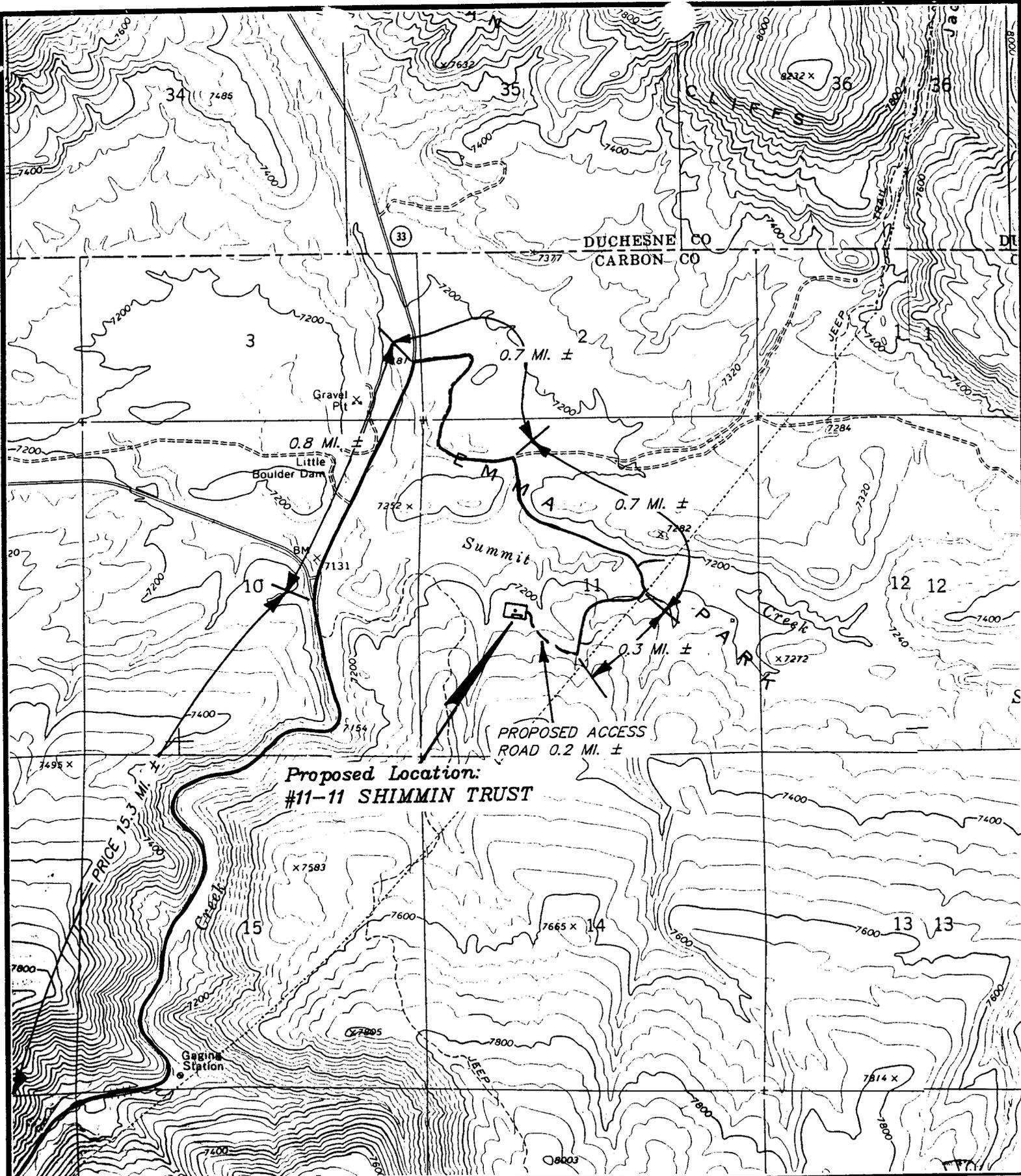
DATE 7-17-92 J.L.G.



**PG&E RESOURCES COMPANY**

#11-11 SHIMMIN TRUST  
 SECTION 11, T12S, R10E, S.L.B.&M.

2313' FSL 1501' FWL



**Proposed Location:  
#11-11 SHIMMIN TRUST**

PROPOSED ACCESS  
ROAD 0.2 MI. ±

TOPOGRAPHIC

MAP "B"

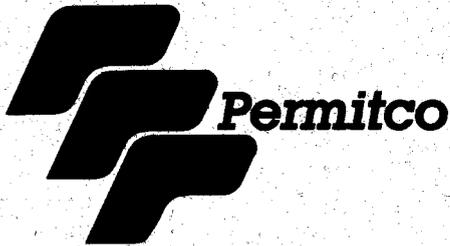
SCALE: 1" = 2000'

DATE 7-17-92 J.L.G.



**PG&E RESOURCES COMPANY**

#11-11 SHIMMIN TRUST  
SECTION 11, T12S, R10E, S.L.B.&M.  
2313' FSL 1501' FWL



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  
#11-11 Shimmin Trust  
2313' FSL and 1501' FWL  
NE SW Sec. 11, T12S - R10E  
Carbon County, Utah

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 is on file with the Division of Water Rights, Price, Utah for use of the proposed water sources.

Please be advised that although this location has been staked at non-standard spacing in accordance with the rules and regulations of the Div. of Oil, Gas & Mining, PG & E Resources Company is the lease holder of all acreage within a one-mile radius of the proposed location. Therefore, we request administrative approval to this exception location.

Please forward approved copies of the A.P.D. to Jim LaFavers 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.

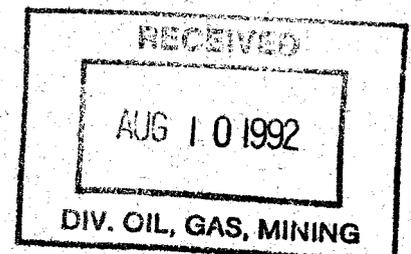
A handwritten signature in cursive script that reads 'Lisa L. Smith'.

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



UTAH OIL AND GAS CONSERVATION COMMISSION

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

**(Dual - Completion Gas Well)**  
 1st injection 10-23-93  
 8-12-94 fr PG&E to ANADARKO EFF 8-1-94  
 Confidential status Expired 9-2-94 - 950531 Connected to Producer & Commingle eff.  
 DATE FILED **8-10-92** 10-30-94

LAND: FEE & PATENTED **X** STATE LEASE NO. PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: **9-2-92 (EXCEPTION LOCATION)**

SPUDDED IN: **9-4-92**

COMPLETED: **8-2-93** PUT TO PRODUCING: **8-5-93** **Converted 10-30-94 (PG&E) (commingled)**

INITIAL PRODUCTION: GRAVITY A.P.I. GOR:

PRODUCING ZONES: **4745-4869 (SPRING CANYON)**

TOTAL DEPTH: **5000'**

WELL ELEVATION: **7247' RKB**

DATE ABANDONED: FIELD: **WILDCAT**

UNIT: COUNTY: **CARBON**

WELL NO. **SHIMMIN TRUST 11-11** API NO. **43-007-30166**

LOCATION **2313' FSL.** FT. FROM (N) (S) LINE. **1501' FWL.** FT. FROM (E) (W) LINE. **NE SW** 1/4 - 1/4 SEC. **11**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
12S	10E	11	ANADARKO Petroleum				

GEOLOGIC TOPS:

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

3198

Kendworth 4415'

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 08/10/92

OPERATOR: PG & E RESOURCES COMPANY  
WELL NAME: SHIMMIN TRUST 11-11

OPERATOR ACCT NO: N- 0595

API NO. ASSIGNED: 43-007-35116

**CONFIDENTIAL**

LEASE TYPE: FEE LEASE NO: 43  
LOCATION: NESW 11 - T12S - R10E CARBON COUNTY  
FIELD: WILDCAT FIELD CODE: 301

RECEIVED AND/OR REVIEWED:

Plat  
 Bond  
(Number \_\_\_\_\_)  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
(Number 43)  
 RDCC Review (Y/N)  
(Date: 8-13-92)

LOCATION AND SITING:

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

COMMENTS:

43 add wells within Sec 11.  
Permit 8-13-92 / Biology review 8-18-92  
Exception location requested

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 9-2-94

STIPULATIONS:

the stipulation  
1. The reserve pit is to be evaluated after  
construction for use of a liner.



# 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

September 2, 1992

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

Gentlemen:

Re: Shimmin Trust #11-11 Well, 2313 feet from the south line, 1501 feet from the west line, NE 1/4 SW 1/4, Section 11, 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 reserve pit is to be evaluated after construction for use of a liner.
3. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
4. Notification within 24 hours after drilling operations commence.
5. 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.

Page 2  
PG & E Resources Company  
Shimmin Trust #11-11 Well  
September 2, 1992

6. Submittal of the Report of Water Encountered During Drilling, Form 7.
7. 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.
8. 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 43-007-30166.

Sincerely,



R.J. Firth

Associate Director, Oil and Gas

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

## DRILLING LOCATION ASSESSMENT

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

OPERATOR: PG&E RESOURCES CO. WELL NAME: #11-11 SHIMMIN TRUST  
SECTION: 11 TWP: 12S RNG: 10E LOC: 2313 FSL 1501 FWL  
QTR/QTR NE/SW COUNTY: CARBON FIELD: COALBED METHANE  
SURFACE OWNER: SHIMMIN TRUST  
SPACING: 460 F SECTION LINE 460 F QTR/QTR LINE 920 F ANOTHER WELL  
GEOLOGIST: BRAD HILL DATE AND TIME: 7/20/92 15:30

PARTICIPANTS: Lisa Smith-Permitco, Dean Shimmin-Landowner, Robert Kay-Uintah Engineering

REGIONAL SETTING/TOPOGRAPHY: The proposed location is on the western edge of the Book Cliffs physiographic province. It is located on a flat knoll at the base of the Flagstaff dip slope.

#### 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 .2 miles of new road will be constructed for access.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Sage, Rabbitbrush, Sparse grass, 4-5 Junipers along access/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.

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

PALEONTOLOGICAL POTENTIAL: None observed.

## SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Blackhawk-3632', Kenilworth-4359',  
Aberdeen-4560'

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 required.

MUD PROGRAM: 0-500'-air/spud mud; 500'-3500'-FW w/Gel Sweeps;  
3500'-5150'-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 evaluated after construction.

### ATTACHMENTS

Photographs will be placed on file.

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 Shimmin #11-11 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 11, 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:    13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL
- Frank R. Matthews  
PHONE: 538-5340
- DATE: 8-14-92
-   
Petroleum Engineer

Page 2  
PG & E Resources Company  
Shimmin Trust #11-11 Well  
September 2, 1992

6. Submittal of the Report of Water Encountered During Drilling, Form 7.
7. 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.
8. 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 43-007-30166.

Sincerely,



R.J. Firth

Associate Director, Oil and Gas

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

20. UT920818-010

PG & E

Division of Oil, Gas & Mining/Carbon County: Application for Permit to Drill - Proposal to drill a wildcat well, the Shimmin No. 10-11 well, on a private lease (Sec. 11, T12S, R10E). Comments due 9-8-92.

1630

21. UT920818-020

PG & E

Division of Oil, Gas & Mining/Carbon County: Application for Permit to Drill - Proposal to drill a wildcat well, the Shimmin No. 12-12 well, on a private lease (Sec. 12, T12S, R10E). Comments due 9-8-92.

1620

22. UT920818-030

PG & E

Division of Oil, Gas & Mining/Carbon County: Application for Permit to Drill - Proposal to drill a wildcat well, the Shimmin No. 11-11 well, on a private lease (Sec. 11, T12S, R10E). Comments due 9-8-92. 13-007-30166

1630

23. UT920818-040

PG & E

Division of Oil, Gas & Mining/Carbon County: Application for Permit to Drill - Proposal to drill a wildcat well, the Jensen No. 12-9 well, on a private lease (Sec. 9, T12S, R10E). Comments due 9-8-92.

1630

24. UT920818-050

PG & E

Division of Oil, Gas & Mining/Carbon County: Application for Permit to Drill - Proposal to drill a wildcat well, the Jensen No. 14-9 well, on a private lease (Sec. 19, T12S, R10E). Comments due 9-8-92.

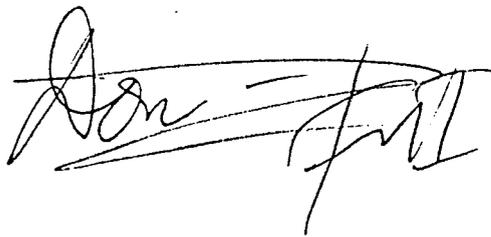
1630

25. UT920818-060

PG & E

Division of Oil, Gas & Mining/Carbon County: Application for Permit to Drill - Proposal to drill a wildcat well, the Jensen No. 16-9 well, on a private lease (Sec. 9, T12S, R10E). Comments due 9-8-92.

1630



FYL  
- FRM  
- TAS  
- LWP

V. PRIVATE ENTITIES

16. UT920901-010

Hercules Aerospace Company: Open Burning of Titan IV Solid Rocket Motor - Utah Test And Training Range - Environmental Assessment. This is not the complete document; if additional information is needed, please contact OPB. Please note! Due to the short turnaround please have comments to OPB no later than 9-18-92.

VI. LOCAL GOVERNMENT

17. UT920826-010

Wasatch Front Regional Council/Salt Lake County: 5600 West Draft Environmental Impact Statement - Proposed improvements to a 12-mile section of 5600 West. Comments due 9-15-92.

VII. SHORT TURNAROUND

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

A. State

18. UT920828-030

*Frontier Exploration*

Division of Oil, Gas & Mining/Tooele County: Application for Permit to Drill - Proposal to drill a wildcat well, the Clegg 1-1 well, on a private lease (Sec. 1, T3S, R5W). Comments due 9-11-92.

19. UT920828-020

*PG & E*

Division of Oil, Gas & Mining/Carbon County: Application for Permit to Drill - Proposal to drill a wildcat well, the Federal No. 16-15 well, on federal lease UTU-65949 (Sec. 15, T12S, R10E). Comments due 9-11-92.

# SOUTHEASTERN UTAH ASSOCIATION OF LOCAL GOVERNMENTS

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 # 8-819-15, 16, 17, 18, 19, 20, 21, 22, 23)

Other (indicate) \_\_\_\_\_ SAI Number UT 9-30-XIX-010-030

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 Ann Wagner  
Authorizing Official

8-31-92  
Date

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: PG & E 43-007-30166

WELL NAME: SHIMMIN TRUST 11-11

Section 11 Township 12S Range 10E County CARBON

Drilling Contractor \_\_\_\_\_

Rig # \_\_\_\_\_

SPUDDED: Date 9-5-92

Time \_\_\_\_\_

How DRY HOLE

CONFIDENTIAL

Drilling will commence \_\_\_\_\_

Reported by RICHARD MILLER

Telephone # 1-637-1857

Date 9-4-92 SIGNED JLT

September 10, 1992



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

Re: Shimmin Trust No. 11-11  
Carbon County, Utah

Gentlemen:

Enclosed is Form 6 - Entity Action Form for the above referenced well.

If you should require additional information, please contact me at (214) 750-3958.

Yours very truly,

Ava Hurst  
Production Administrator  
Regulatory Affairs

/ah

Enclosure

RECEIVED

SEP 14 1992

DIVISION OF  
OIL GAS & MINING

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	11410	43-007-30166	Shimmin Trust #11-11	NE SW	11	12S	10E	Carbon	9/6/92	9/6/92

WELL 1 COMMENTS: *Entity added 9-16-92 for*  
 Well was spudded 9/6/92

--	--	--	--	--	--	--	--	--	--	--	--

WELL 2 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--

WELL 3 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--

WELL 4 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--

WELL 5 COMMENTS:

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

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



SEP 14 1992

DIVISION OF  
 OIL GAS & MINING

Signature \_\_\_\_\_  
 Prod. Admin. 9/10/92  
 Title \_\_\_\_\_ Date \_\_\_\_\_  
 Phone No. (214) 750-3958

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: Shimmin Trust #11-11  
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





## WELL HISTORY

11-11 Shimmin Trust  
Castlegate Area  
Carbon County, Utah

- 09-02-92 Start bldg location.
- 09-03-92 Bldg location.
- 09-04-92 Bldg location. Utah Dept. of Nat'l Res., Gil Hunt said we do not have to line reserve pits.
- 09-05-92 Fin loc, MI spudder rig, drl 12-1/4" surf hole to 40', SDFN.
- 09-06-92 Drlg 12-1/4" surf hole to 500' w/ spudder rig. Srvy 2° @ 250'.
- 09-07-92 Drlg 12-1/4" surf hole to 535'. Ran 9-5/8", 36#, J-55, STC to 529' GL, cmt'd w/ 275 sx Class G + 2% CaCl<sub>2</sub> + 1/4 Cello-Flake, circ cmt to surf.
- 09-08-92 Drlg RH & MH, prep loc for rig.
- 09-09-92 WO Adcor Rig #36.
- 09-10-92 WO Adcor Rig #36.
- 09-11-92 WO Adcor Rig #36.
- 09-12-92 MI Adcor Rig #36.
- 09-13-92 RU Adcor Rig #36.
- 09-14-92 Depth 650', trip for BHA, day 1, 101'/6.5 hrs, MW 8.3., Visc 26, WL N/C. NU & tst BOPE to 2000#, tst csg to 1500#, TIH & drl out cmt & drl to 650', TOH for BHA, srvy 1.5° @ 630'. CC \$63,224.
- 09-15-92 Drlg 1394', day 2, 744'/20 hrs, MW 8.6, Visc 28, WL N/C. Trip for BHA, srvy 2° @ 1020'. CC \$67,884.

## WELL HISTORY

### 11-11 Shimmin Trust Castlegate Area Carbon County, Utah

- 09-16-92 Drlg 2340', day 3, 946'/23 hrs, MW 8.6, Visc 30, WL N/C. Srvy 2° @ 1515' & 3° @ 2050'. CC \$72,544.
- 09-17-92 Drlg 3203', day 4, 863'/23 hrs, MW 8.4, Visc 28, WL N/C. Srvy 2.75° @ 2509' & 3.5° @ 3040'. CC \$77,604.
- 09-18-92 Drlg 3549', day 5, 346'/18.5 hrs, MW 8.4, Visc 28, WL N.C. Trip for bit, srvy 3.75° @ 3233'. CC \$91,116.
- 09-19-92 Drlg 3900', day 6, 351'/23.5 hrs, MW 8.6, Visc 32, WL 12.6. Srvy 5.5° @ 3740'.
- 09-20-92 Drlg 4189', day 7, 289'/17.5, MW 8.8, Visc 34, WL 12.0. Trip for bit.
- 09-21-92 Drlg 4357', day 8, 168'/14 hrs, MW 8.8, Visc 33, WL 12.8. Trip for wash out. CC \$114,666.
- 09-24-92 Depth 5000', LD DP, 45'/4.5 hrs, day 11, MW 9.1, Visc 37, WL 14.4. Drl to TD, TOH & run E-logs, TIH, C&C for csg, LD DP. CC \$186,972.
- 09-23-92 Drlg 4955', day 10, 255'/23.5 hrs, MW 8.9, Visc 32, WL 18. Lost partial rtns @ 4930', srvy 6.25° @ 4734'. CC \$129,154.
- 09-25-92 PBTD 4908', day 12. Fin LD DP, ran 26# & 29# N-80, LT&C csg to 4997'. Cmtd 1st stage w/ 400 sx 50/50 Poz + add, open DV & cmtd 2nd stage w/ 300 sx Thrifty-Lite, circ cmt to surf, set slips. **RR @ 12:01am 9-25-92.** CC \$250,589. DROP UNTIL COMPLETION.

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
9. Well Name and Number Shimmin Trust #11-11
10. API Well Number 43-007-30166
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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) <u>CBM</u>	
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 : 2313' FSL & 1501' FWL County : Carbon Q. Sec. T., R., M. : NE SW, Sec. 11, T12S-R10E 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"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____  Approximate Date Work Will Start _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other <u>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 9/25/92.

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.

RECEIVED  
OCT 30 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 10/27/92

(State Use Only)

February 1, 1993

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

**RECEIVED**

FEB 02 1993

DIVISION OF  
OIL GAS & MINING

Attention: Mr. Gil Hunt,  
Manager

RE: Application for Water Disposal Wells  
Jensen and Shimmin Trust Leases  
Castlegate CBM Project  
Carbon County, Utah

Dear Mr. Hunt:

PG&E Resources Company respectfully requests approval to utilize the following wells for salt water disposal:

- Jensen #9-10,
- Jensen #16-10,
- Shimmin Trust #10-11,
- Shimmin Trust #11-11.

The enclosed applications have been prepared in accordance with R615-5-2 and are being submitted for your review and approval. If you have any questions or need additional information, please contact the undersigned at (214) 750-3988 or Michael Pierson at (214) 706-3641.

Sincerely,

*Jim LaFavers*

Jim LaFavers  
Supervisor,  
Regulatory Affairs

Enclosures

cc: W. Sutton/Central File  
M. Pierson  
Regulatory File

INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: PGE Resources Well: Shimmin Trust 11-11

Location: section 11 township 12S range 10E

API #: 43-007-30166 Well Type: disp.  enhanced recov.

If enhanced recovery has project been approved by the Board? NA

Lease Type: Fee Surface Ownership: Fee Dean Shimmin

Field: wildcat Unit: - Indian Country: N

UIC Form 1: Yes Plat: Yes Wells in AOR: 4 P

Logs Available: Yes Bond Log: NO

Casing Program: 9 5/8" @ 498, 7" @ 4930 Both strings cemented to surface.

Integrity Test: RAT Survey will be run in lieu of pressure test due to Dual completion

Injection Fluid: Water from Blackhawk sands.

Geologic Information: Proposed injection zone Spring Canyon SS (Mesa Verde) moves below, Aberdeen and Kasilwaith above

Analyses of Injection Fluid: Y Formation Fluid: Y Compat. Y

Fracture Gradient Information: .51 psi/g /ft Parting Pressure 2299 psi

Affidavit of Notice to Owners: need notarized copy.

Fresh Water Aquifers in Area: Need Info.

Depth Base of Moderately Saline Water: \_\_\_\_\_

Confining Interval: Mesa Verde shale, Aberdeen Above

Reviewer: D. Jarvis Date: 2/4/93

Comments & Recommendation \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
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

February 18, 1993

Newspaper Agency Corporation  
Legal Advertising  
157 Regent Street  
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-131

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement  
Administrative Secretary

ldc  
Enclosure  
WUI45



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

February 18, 1993

Sun Advocate  
Box 1870  
76 West Main  
Price, Utah 84501

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-131

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement  
Administrative Secretary

ldc  
Enclosure  
WUI45

2020000  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-134  
BEFORE THE DIVISION OF OIL,  
GAS AND MINING  
DEPARTMENT OF NATURAL  
RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLI-  
CATION OF PG & E RESOURCES  
COMPANY FOR ADMINISTRATIVE  
APPROVAL 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, S.L.M., CARBON  
COUNTY, UTAH, AS CLASS II IN-  
JECTION WELLS

THE STATE OF UTAH TO ALL PER-  
SONS INTERESTED IN THE ABOVE  
ENTITLED MATTER.

Notice is hereby given that  
the Division is commencing an  
informal adjudicative proceed-  
ing to consider the application  
of PG & E Resources Company  
for administrative approval of  
the Jensen 16-10, Jensen 9-10,  
Shimmin Trust 11-11, and Shim-  
min Trust 10-11 Wells, located in  
Section 10 and 11, Township 12  
South, Range 10 East, Carbon  
County, Utah, for conversion to  
Class II injection wells. The pro-  
ceeding will be conducted in  
accordance with Utah Admin.  
R.649-10, Administration Proce-  
dures.

The interval from 4730 feet to  
4869 feet (Spring Canyon Sand  
of the Mesa Verde Group) will  
be selectively perforated for  
water disposal. The average in-  
jection pressure is estimated to  
be 1500 psig or less with a maxi-  
mum requested injection pres-  
sure of 2000 psig. The estimated  
injection volume will be ap-  
proximately 6500 barrels of wa-  
ter per day.

Any person desiring to object to  
the application or otherwise in-  
tervene in the proceeding, must  
file a written protest or notice of  
intervention with the Division  
within fifteen days of the date of  
publication of this notice. If such  
a protest or notice of interven-  
tion is received, a hearing may  
be scheduled before the Board  
of Oil, Gas and Mining. Protes-  
tants and/or intervenors should  
be prepared to demonstrate at  
the hearing how his matter af-  
fects their interests.

DATED this 17th day of Febru-  
ary, 1993.

STATE OF UTAH  
DIVISION OF OIL, GAS AND  
MINING  
/s/ R. J. Firth  
Associate Director  
2J820070  
2-23-93  
2-5LT

**AFFIDAVIT OF PUBLICATION**

STATE OF UTAH)

ss.

County of Carbon,)

I, Dan Stockburger, on oath, say that I am the Publisher of the Sun Advocate, a twice-weekly newspaper of general circulation, published at Price, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for One (1) consecutive issues, and that the

first publication was on the

23rd day of February, 1993

and that the last publication of such notice was in the issue of such newspaper dated the

.....day of....., 19.....

*[Signature]*

Subscribed and sworn to before me this

23rd day of February, 1993

*[Signature]*  
Notary Public

My Commission expires January 10, 1995

Residing at Price, Utah

Publication fee, \$ 32.00

**NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-131  
BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH**

IN THE MATTER OF THE APPLICATION OF PG&E RESOURCES COMPANY FOR ADMINISTRATIVE APPROVAL 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, S.L.M., CARBON COUNTY, UTAH AS CLASS II INJECTION WELLS

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

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of PG&E Resources Company for administrative approval 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, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 4730 feet to 4869 feet (Spring Canyon Sand of the Mesa Verde Group) will be selectively perforated for water disposal. The average injection pressure is estimated to be 1500 psig or less with a maximum requested injection pressure of 2000 psig. The estimated injection volume will be approximately 6500 barrels of water per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 17th day of February, 1993.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
-s-R.J. Firth

Associate Director, Oil and Gas

Published in the Sun Advocate February 23, 1993.



# 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

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

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

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF AGENCY ACTION
OF PG & E RESOURCES COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF THE	:	CAUSE NO. UIC-131
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, S.L.M.,	:	
CARBON COUNTY, UTAH, AS CLASS II	:	
INJECTION WELLS	:	

---ooOoo---

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

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of PG & E Resources Company for administrative approval 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, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 4730 feet to 4869 feet (Spring Canyon Sand of the Mesa Verde Group) will be selectively perforated for water disposal. The average injection pressure is estimated to be 1500 psig or less with a maximum requested injection pressure of 2000 psig. The estimated injection volume will be approximately 6500 barrels of water per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 17th day of February, 1993.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING



R.J. Firth  
Associate Director, Oil and Gas

PG & E RESOURCES COMPANY  
JENSEN 16-10, JENSEN 9-10,  
SHIMMIN TRUST 11-11, AND SHIMMIN TRUST 10-11 WELLS  
CAUSE NO. UIC-131

Newspaper Agency Corporation  
Legal Advertising  
157 Regent Street  
Salt Lake City, Utah 84110

Sun Advocate  
Box 1870  
76 West Main  
Price, Utah 84501

Bureau of Land Management  
Price District Office  
P.O. Drawer AB  
Price, Utah 84501

Jim LaFevers  
PG & E Resources Company  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75206-3922

James T., Jerry J. and Dix Jensen  
c/o Jensen Law Office  
190 North Carbon Avenue  
Price, Utah 84051

John F. Marshall  
1495 East 2050 North  
Provo, Utah 84604

Dan Jackson  
Environmental Protection Agency  
Region VIII  
999 18th Street, Suite 500  
Denver, Colorado 80202-2466

  
\_\_\_\_\_  
Lisa D. Clement, Administrative Secretary  
February 18, 1993

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT  
DECISION DOCUMENT**

**Applicant:** PG&E Resources      **Location:** Castle Gate, Carbon County

**Well:** Jensen 16-10, Jensen 9-10,  
Shimmin Trust 10-11, Shimmin Trust 11-11

**Ownership Issues:** The proposed project is located in sections 10 and 11, township 12 south, range 10 east Carbon County, Utah. Surface ownership within the entire area is held by private individuals, except for a small parcel of land owned by the State of Utah. Mineral interests are held by private individuals, the State of Utah, and the federal government. PG&E Resources has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners within a 1/2 mile radius of each of the proposed injection wells.

**Well Integrity:** The four wells proposed for conversion to injection all have surface casing set at approximately 500 feet  $\pm$  30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 6000 feet  $\pm$  75 feet, and were all cemented in two stages to surface. Cement bond logs will be run and submitted to the Division when the wells are converted to injection. The interval from 4730 feet to 4869 feet (Spring Canyon Sand of the Mesa Verde Group) will be selectively perforated for water disposal. All four wells will be dually completed. Production will be from the Blackhawk Formation through the upper 2 7/8" tubing and disposal will be into the Spring Canyon Sand through the lower 2 1/16" tubing and packer assembly. There are a total of 9 producing wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. At the time of conversion a retrievable packer will be set above the blackhawk perforations and the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

**Ground Water Protection:** Surface geology of the area consists of Quaternary alluvium, Colton Formation, and Flagstaff Limestone. Ground water occurs in the alluvium, and in the sands and gravel of the Colton Formation. There are several springs located on the dip slope of the Flagstaff Formation and are probably seasonal depending on the amount of upgradient recharge. Water analysis reports indicate that the quality of the water is less than 10,000 mg/l down through the Blackhawk coals. Analyses of waters from the Spring Canyon Sand indicate an increase to over 11,000 mg/l. Existing casing and cement programs in the proposed injection wells and surrounding wells are adequate to protect any USDW's. The upper confining interval above the injection zone is composed of

interbedded sand, shale and siltstones of the Aberdeen and Kenilworth Formations. The lower confining zone is the Mancos Shale. A stress test was run on shales in both the upper and lower confining zones. Results of these tests indicate that the upper shales have a fracture gradient of .63 psi/ft, and the lower shales have a fracture gradient of .54 psi/ft. A seprate/falloff test on the Spring Canyon Sand indicated a fracture gradient of .51 psi/ft. A comparison of the above fracture gradients indicates that the Spring Canyon Sand will be bound by the shales above and below. Cross sections provided by PGE Resources show that the lateral extent of the confining intervals and the injection zone include the entire project area.

**Oil/Gas & Other Mineral Resources Protection:** PG&E Resources owns all mineral leases in the area of review. Injection of water into the Spring Canyon Sand should have no adverse affect on any other mineral interests.

**Bonding:** PG&E Resources is the operator of all wells within the project and has provided a statewide bond coverage in the amount of \$80,000.

**Actions Taken and Further Approvals Needed:** A public notice was published in both the Salt Lake Tribune and the Sun Advocate on 2-23-93. No objections were received in the 15 day comment period. Administrative approval was granted to convert the wells in accordance with conditions of the permit on 03-12-93.

DJJ  
Reviewers

03-17-93  
Date



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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number See Attached Schedule "A"
2. Name of Operator PG&E Resources Company		10. API Well Number See Attached Schedule "A"
3. Address of Operator 6688 N. Central Expwy., Dallas, TX 75206	4. Telephone Number 214/750-3800	11. Field and Pool, or Wildcat Wildcat
5. Location of Well Footage : See Attached Schedule "A" OO, Sec, T., R., M. : <u>Skimmin Trust 11-11 Sec 11, T12S, R 10E</u> <u>43-007-30166</u> 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 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.

**RECEIVED**

APR 21 1993

DIVISION OF  
OIL, GAS & MINING

*4-22-93  
JAM Matthews*

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 3, 1993



MAILED 1511

SEP 13 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: Shimmin Trust 11-11  
Section 11, T12S-R10E  
Carbon County, Utah

Gentlemen:

Attached is an original and two copies of Form 8 "Well Completion or Recompletion Report and Log" for each completion in the referenced well. The Shimmin Trust 11-11 was completed as a dual salt water disposal well and gas 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

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Shimmin Trust

9. WELL NO.

11-11

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 11, T12S-R10E

12. COUNTY

Carbon

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] DRY [ ] Other SWD
b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR [ ] Other

2. NAME OF OPERATOR
PG&E Resources Company

3. ADDRESS OF OPERATOR
6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. LOCATION OF (Report location clearly and in accordance with any State requirements)\*
At surface 2313' FSL & 1501' FWL
At top prod. interval reported below Same
At total depth Same

14. API NO. 43-007-30165
DATE ISSUED 09/09/92

12. COUNTY

Carbon

13. STATE

Utah

15. DATE SPUNDED 09/04/92
16. DATE T.D. REACHED 09/24/92
17. DATE COMPL. (Ready to prod., or Plug & Abd.) 08/02/93
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 7247' RKB
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5000'
21. PLUG, BACK T.D., MD & TVD 4908'
22. IF MULTIPLE COMPL., HOW MANY 2
23. INTERVALS DRILLED BY
ROTARY TOOLS X
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)
Spring Canyon 4,745' - 4,869'
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction Guard /Spectral Density & Quick Look
27. WAS WELL CORED YES [ ] NO [X] (Submit analysis)
DRILL STEM TEST YES [ ] NO [X] (See reverse side)

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT FULLED. Includes rows for 9-5/8" and 7" casings.

Table with 8 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Includes LINER RECORD and TUBING RECORD.

Table with 3 columns: PERFORATION RECORD (Interval, size and number) and ACID, SHOT, FRACTURE, CEMENT (DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED).

Table with 8 columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD'N. FOR TEST PERIOD, GAS--MCF., WATER--BBL., GAS-OIL RATIO.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Well currently shut-in waiting on central processing facility to be completed.
TEST WITNESSED BY

35. LIST OF ATTACHMENTS
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] TITLE Sr. Regulatory Analyst DATE 09/03/1993

## 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
Black Hawk	3698'	4414'	Natural gas	Price River ss		2933'
Kenilworth	4415'	4609'	Natural gas	Castlegate ss		3398'
				Black Hawk		3698'
				Kenilworth ss		4415'
				Aberdeen ss		4610
				Spring Canyon		4745'

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING

**URGENT**  
 SEP 13 1995  
 DIVISION OF OIL, GAS & MINING

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other   
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR  Other

2. NAME OF OPERATOR  
 PG&E Resources Company

3. ADDRESS OF OPERATOR  
 6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. LOCATION OF (Report location clearly and in accordance with any State requirements)\*  
 At surface 2313' FSL & 1501' FWL  
 At top prod. interval reported below Same  
 At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.  
 Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NA

7. UNIT AGREEMENT NAME  
 NA

8. FARM OR LEASE NAME  
 Shimmin Trust

9. WELL NO.  
 11-11

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
 Sec. 11, T12S-R10E

14. API NO. 43-007-30169 DATE ISSUED 09/09/92

12. COUNTY Carbon 13. STATE Utah

15. DATE SPUNDED 09/04/92 16. DATE T.D. REACHED 09/24/92 17. DATE COMPL. (Ready to prod.) 08/02/93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 7247' RKB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5000' 21. PLUG, BACK T.D., MD & TVD 4908' 22. IF MULTIPLE COMPL., HOW MANY 2 23. INTERVALS DRILLED BY 23. ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD) 4,180' - 4,414' Blackhawk 4,514' - 4,588' Kenilworth 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard / Spectral Density & Quick Look CBL/GR/CL 27. WAS WELL CORED YES  NO  (Submit analysis) DRILL STEM TEST YES  NO  (See reverse side)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	529'	12-1/4"	275sx Class "G" w/additives	0
5-102"	26# & 29#	4997'	8-3/4"	400sx 50/50 Poz w/additives	0
		DV Tool @3293'		300sx Class "G" w/additives + 50sx Class "G"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	4297'	4101'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	HOLES
4180' - 4414'	0.45"	30 Holes
4514' - 4588'	0.45"	25 Holes

32. ACID, SHOT, FRACTURE, CEMENT

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4180-4414'	1544 gals 1% KCL wtr + 2000 gals 7.5% FE Acid + 70560 gals 35# CMHEC + 35480# 100 mesh sd + 59000# 16/30 sd + 41920# 16/30

33. PRODUCTION

DATE FIRST PRODUCTION 08/04/93 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Hyland Model 200 Progressive Cavity Pump WELL STATUS (Producing or shut-in) Shut-In

DATE OF TEST 08/06/93 HOURS TESTED 24 CHOKE SIZE NA PROD'N. FOR TEST PERIOD OIL--BBL. 0 GAS--MCF. 0 WATER--BBL. 685 GAS-OIL RATIO NA

FLOW. TUBING PRESS. NA CASING PRESSURE 80 CALCULATED 24-HOUR RATE OIL--BBL. 0 GAS--MCF. 0 WATER--BBL. 685 OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Well currently shut-in waiting on completion of central processing facility to be completed. 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 [Signature] TITLE Sr. Regulatory Analyst DATE 09/03/1993

## 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
Black Hawk	3698'	4414'	Natural gas	Price River ss		2933'
Kenilworth	4415'	4609'	Natural gas	Castlegate ss		3398'
				Black Hawk		3698'
				Kenilworth ss		4415'
				Aberdeen ss		4610
				Spring Canyon		4745'

PG&E Resources Company

6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75206-3922  
Telephone 214/750-3800  
FAX 214/750-3883

December 8, 1993

RECEIVED

DEC 13 1993

DIVISION OF  
OIL, GAS & MINING

State of Utah Dept. of Natural Resources  
Division of Oil, Gas and Mining  
Underground Injection Control Section  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Mr. Dan Jarvis

RE: Jensen 9-10, Jensen 16-10  
Shimmin Trust 10-11 &  
Shimmin Trust 11-11  
Carbon County, Utah

Dear Mr. Jarvis:

Attached is an original and two (2) copies of Form 9 "Sundry Notices and Reports on Wells", subsequent report, showing the date of first injection for the referenced salt water disposal wells.

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

Sincerely,



Cindy R. Keister  
Sr. Regulatory Analyst

CRK/ck

Attachments

cc: Central File  
Regulatory File

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 NA
8. Unit or Communitization Agreement NA
9. Well Name and Number Shimmin Trust 11-11
10. API Well Number 43-007-30166
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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (Specify) <u>SWD</u>	
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 : 2313' FSL & 1501' FWL QQ. Sec. T., R., M. : NE/4 SW/4 Sec. 11, 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 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 Injection</u>	

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

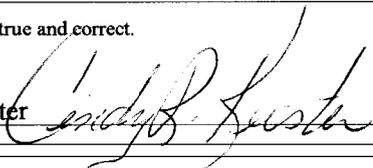
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
\* Must be accompanied by a cement verification report.

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 began injecting into the Spring Canyon formation on October 23, 1993.

RECEIVED  
OCT 13 1993  
DIVISION OF  
OIL, GAS & MINING

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

Name & Signature Cindy R. Keister  Title Sr. Regulatory Analyst Date 12/08/1993

(State Use Only)

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

NA

8. Unit or Communitization Agreement

NA

9. Well Name and Number

Shimmin Trust 11-11

10. API Well Number

43-007-30166

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) SWD

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 : 2313' FSL & 1501' FWL  
QQ. Sec. T., R., M. : NE/4 SW/4 Sec. 11, 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
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

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

SUBSEQUENT REPORT  
(Submit in Duplicate)

- Abandonment \*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Test
- Other First Injection
- 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.

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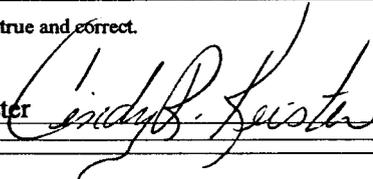
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PG&E Resources Company began injecting into the Spring Canyon formation on October 23, 1993.

DEC 15 1993

DIVISION OF  
OIL, GAS & MINING

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

Name & Signature Cindy R. Keister  Title Sr. Regulatory Analyst Date 12/08/1993

(State Use Only)

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

NA

8. Unit or Communization Agreement

NA

9. Well Name and Number

Shimmin Trust 11-11

10. API Well Number

43-007-30166

11. Field and Pool, or Wildcat

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 Oil Well     Gas Well     Other (Specify) SWD

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 : 2313' FSL & 1501' FWL  
QQ. Sec, T., R., M. : NE/4 SW/4 Sec. 11, T12S-R10E

County : Carbon

State : UTAH

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(Submit in Duplicate)

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- Change of Plans
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- Multiple Completion
- Other \_\_\_\_\_
- New Construction
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- Recompletion
- Shoot or Acidize
- Vent or Flare
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Approximate Date Work Will Start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit in Duplicate)

- Abandonment \*
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- Other First Injection
- New Construction
- Pull or Alter Casing
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- 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 began injecting into the Spring Canyon formation on October 23, 1993.

DEC 15 1993  
DIVISION OF OIL, GAS AND MINING

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

Name & Signature Cindy R. Keister

Title Sr. Regulatory Analyst

Date 12/08/1993

(State Use Only)

KIND OF JOB ESTIMATE 75M

WELL No. 11-11

LEASE 30M

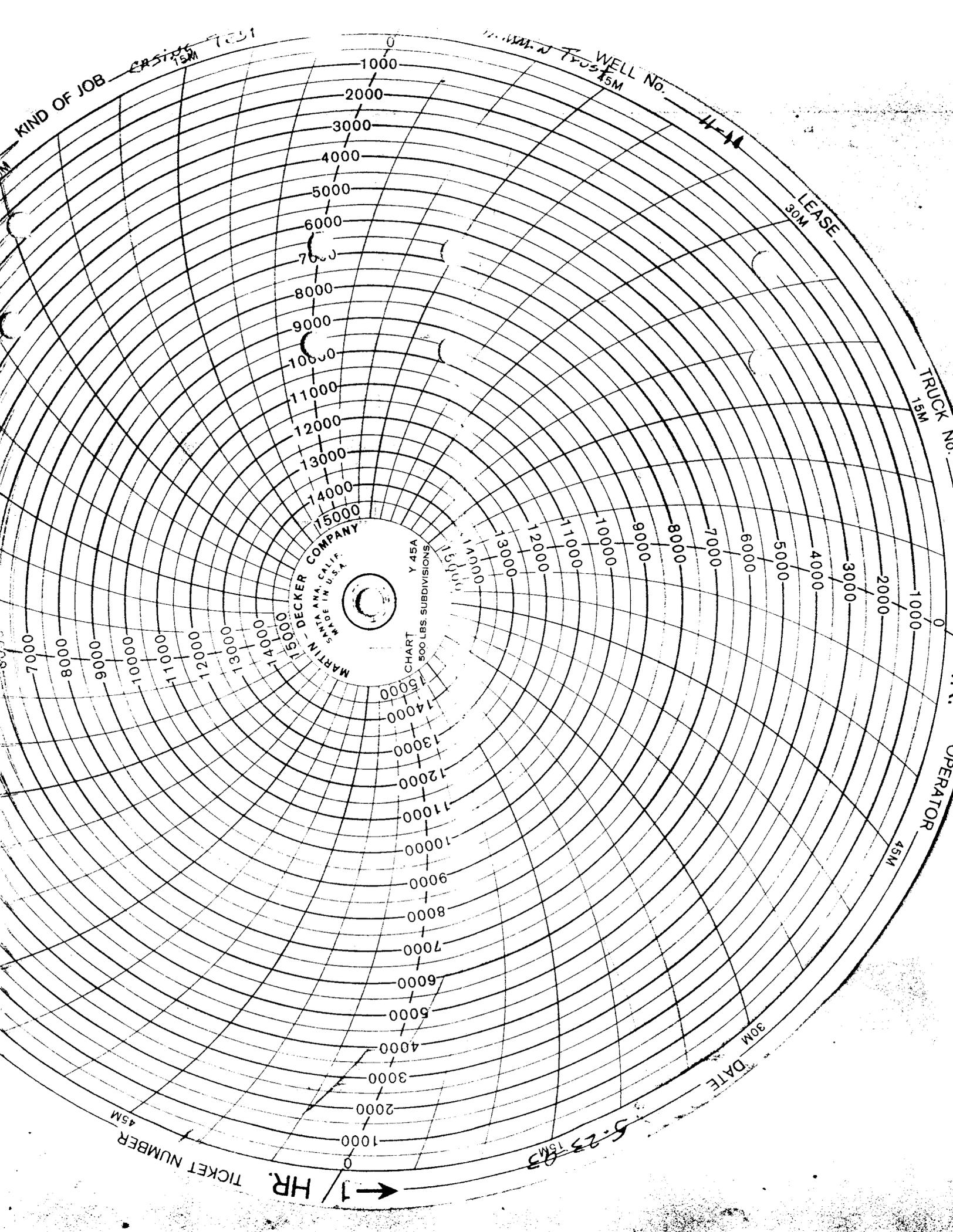
TRUCK No. 15M

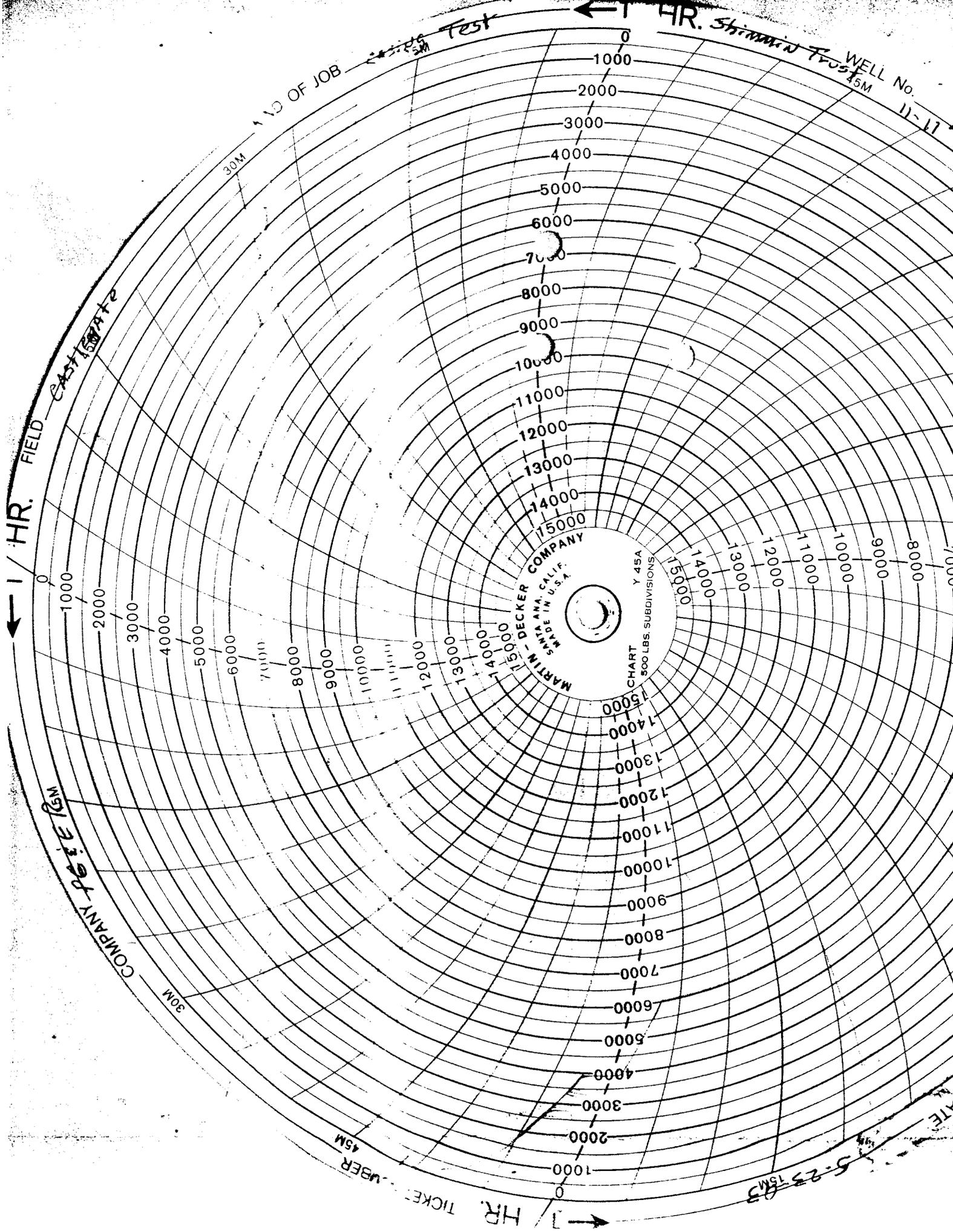
OPERATOR 45M

DATE 5-23-03

TICKET NUMBER 45M

→ 1 / HR.





STATE OF UTAH  
**CONFIDENTIAL**  
 DIVISION OF OIL, GAS AND MINING

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>	5. LEASE DESIGNATION AND SERIAL NO. Fee
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
	7. UNIT AGREEMENT NAME NA
	8. FARM OR LEASE NAME Shimmin Trust
	9. WELL NO. 11-11
	10. FIELD AND POOL, OR WILDCAT Wildcat
	11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 11, T12S-R10E

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

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

2. NAME OF OPERATOR  
**PG&E Resources Company**

3. ADDRESS OF OPERATOR  
 6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

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

At surface 2313' FSL & 1501' FWL

At top prod. interval reported below Same

At total depth Same

**REGISTERED**  
 SEP 13 1993  
 DIVISION OF OIL, GAS & MINING

14. API NO. 43-007-30169	DATE ISSUED 09/09/92	12. COUNTY Carbon	13. STATE Utah
-----------------------------	-------------------------	----------------------	-------------------

15. DATE SPUNDED 09/04/92	16. DATE T.D. REACHED 09/24/92	17. DATE COMPL. (Ready to prod.) 08/02/93 <small>or (Plug &amp; Abd.)</small>	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 7247' RKB	19. ELEV. CASINGHEAD
------------------------------	-----------------------------------	---	---	----------------------

20. TOTAL DEPTH, MD & TVD 5000'	21. PLUG, BACK T.D., MD & TVD 4908'	22. IF MULTIPLE COMPL., HOW MANY 2	23. INTERVALS DRILLED BY →	ROTARY TOOLS X	CABLE TOOLS
------------------------------------	--	---------------------------------------	-------------------------------	-------------------	-------------

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)  
 Spring Canyon 4,745' - 4,869' **(MVRD)**

25. WAS DIRECTIONAL SURVEY MADE  
 No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
 Dual Induction Guard /Spectral Density & Quick Look

27. WAS WELL CORED YES  NO  (Submit analysis)  
 DRILL STEM TEST YES  NO  (See reverse side)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	529'	12-1/4"	275sx Class "G" w/additives	0
7"	26# & 29#	4997'	8-3/4"	400sx 50/50 Poz w/additives	0
		DV Tool @3293'		300sx Class "G" w/additives + 50sx Class "G"	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-1/16"	4694'	4694' Dual Pkr.

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT	
4745' - 4786'	0.46"	164 Holes	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4788' - 4812'	0.46"	96 Holes		
4859' - 4869'	0.46"	40 Holes		

33. PRODUCTION

DATE FIRST PRODUCTION: 08/05/93

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump):

WELL STATUS (Producing or shut-in): **Shut-In**

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

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
 Well currently shut-in waiting on central processing facility to be completed.

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Cindy K. Keith TITLE Sr. Regulatory Analyst DATE 09/03/1993

## 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
Black Hawk	3698'	4414'	Natural gas	Price River ss		2933'
Kenilworth	4415'	4609'	Natural gas	Castlegate ss		3398'
				Black Hawk		3698'
				Kenilworth ss		4415'
				Aberdeen ss		4610
				Spring Canyon		4745'

COPY

STATE OF UTAH

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

(Dual Completion)

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Shimmin Trust

9. WELL NO.

11-11

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 11, T12S-R10E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] Other [ ]
b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR [ ] Other [ ]

2. NAME OF OPERATOR
PG&E Resources Company

3. ADDRESS OF OPERATOR
6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

SEP 13 1993

4. LOCATION OF (Report location clearly and in accordance with any State requirements)\*
At surface 2313' FSL & 1501' FWL
At top prod. interval reported below Same
At total depth Same

DIVISION OF OIL, GAS & MINING

14. API NO. 43-007-30169 DATE ISSUED 09/09/92 12. COUNTY Carbon 13. STATE Utah

15. DATE SPUNDED 09/04/92 16. DATE T.D. REACHED 09/24/92 17. DATE COMPL. (Ready to prod., or Plug & Abd.) 08/02/93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 7247' RKB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5000' 21. PLUG, BACK T.D., MD & TVD 4908' 22. IF MULTIPLE COMPL., HOW MANY 2 23. INTERVALS DRILLED BY 2 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD) 4,180' - 4,414' Blackhawk 4,514' - 4,588' Kenilworth MVDCL 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard /Spectral Density & Quick Look 27. WAS WELL CORED YES [ ] NO [X] (Submit analysis) DRILL STEM TEST YES [ ] NO [X] (See reverse side)

Table with 5 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 9-5/8" 36# 529' 12-1/4" 275sx Class "G" w/additives 0 and 5-102" 26# & 29# 4997' 8-3/4" 400sx 50/50 Poz w/additives 0.

Table with 7 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Rows include 2-7/8" 4297' 4101'.

Table with 2 main sections: 31. PERFORATION RECORD (Interval, size and number) and 32. ACID, SHOT, FRACTURE, CEMENT. 31. 4180' - 4414' 0.45" 30 Holes; 4514' - 4588' 0.45" 25 Holes. 32. 4180-4414' 1544 gals 1% KCl wtr + 2000 gals 7.5% FE Acid + 70560 gals 35# CMHEC + 35480# 100 mesh sd + 59000# 16/30 sd + 41920# 16/30.

Table with 8 columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD'N. FOR TEST PERIOD, GAS--MCF, WATER--BBL., GAS-OIL RATIO. Rows include 08/04/93 Hyland Model 200 Progressive Cavity Pump Shut-In and 08/06/93 24 NA 0 0 685 NA.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Well currently shut-in waiting on completion of central processing facility to be completed. 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 [Signature] TITLE Sr. Regulatory Analyst DATE 09/03/1993

## 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.

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					Meas. Depth	True Vert. Depth
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				Aberdeen ss		4610
				Spring Canyon		4745'

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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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
Shimmin Trust 11-11
10. API Well Number
43-007-30166
11. Field and Pool, or Wildcat
Wildcat

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., Suite 1000, Dallas, TX 75206

4. Telephone Number  
 (214) 750-3800

5. Location of Well  
 Footage : 2313' FSL & 1501' FWL  
 County : Carbon  
 QQ. Sec. T., R., M. : NE/4 SW/4 Sec. 11, 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
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<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>NTL-2B</u>	

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

**SUBSEQUENT REPORT**  
(Submit in Duplicate)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
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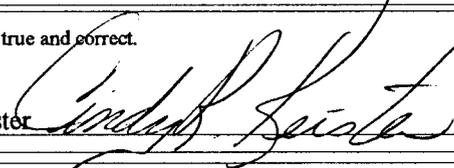
Date of Work Completion \_\_\_\_\_

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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

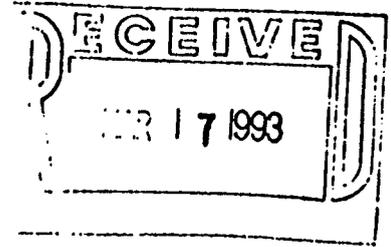
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Trade 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**  
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6. Lease Designation and Serial Number Fee
7. Indian Allottee or Tribe Name
NA
8. Unit or Communitization Agreement
NA
9. Well Name and Number
Shimmin Trust 11-11
10. API Well Number
43-007-30166
11. Field and Pool, or Wildcat
Wildcat

DEC 27 1993

DIVISION OF OIL, GAS & MINING

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., Suite 1000, Dallas, TX 75206

4. Telephone Number  
 (214) 750-3800

5. Location of Well  
 Footage : 2313' FSL & 1501' FWL  
 County : Carbon  
 QQ. Sec. T., R., M. : NE/4 SW/4 Sec. 11, T12S-R10E  
 State : UTAH

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

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<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>NTL-2B</u>	

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 type="checkbox"/> Other _____	

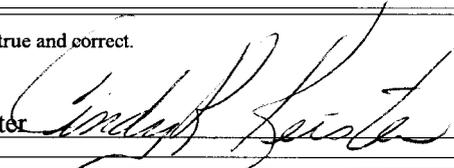
Date of Work Completion \_\_\_\_\_

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 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)

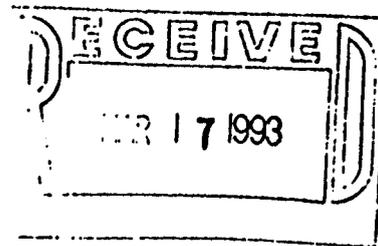


# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertler  
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 84100-1203  
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

**APPLICATION FOR WATER DISPOSAL WELLS  
JENSEN AND SHIMMIN TRUST LEASES  
CASTLEGATE CBM PROJECT  
CARBON COUNTY, UTAH**

**I. OVERVIEW**

**II. JENSEN #9-10**

- A. UIC FORM 1
- B. PLATS
- C. WELL LOGS
- D. CEMENT BOND LOG
- E. CASING PROGRAM
- F. CASING TEST PROGRAM
- G. INJECTION FLUID
- H. INJECTION PRESSURES
- I. REVIEW OF WELLS WITHIN 1/2 MILE RADIUS
- J. GEOLOGIC DATA
- K. WELLBORE DIAGRAM
- L. INJECTIVITY DATA
- M. LABORATORY TESTS
- N. AFFIDAVIT OF NOTIFICATION

**III. JENSEN #16-10**

- A. UIC FORM 1
- B. PLATS

- C. WELL LOGS
- D. CEMENT BOND LOG
- E. CASING PROGRAM
- F. CASING TEST PROGRAM
- G. INJECTION FLUID
- H. INJECTION PRESSURES
- I. REVIEW OF WELLS WITHIN 1/2 MILE RADIUS
- J. GEOLOGIC DATA
- K. WELLBORE DIAGRAM
- L. INJECTIVITY DATA
- M. LABORATORY TESTS
- N. AFFIDAVIT OF NOTIFICATION

**IV. SHIMMIN TRUST #10-11**

- A. UIC FORM 1
- B. PLATS
- C. WELL LOGS
- D. CEMENT BOND LOG
- E. CASING PROGRAM
- F. CASING TEST PROGRAM
- G. INJECTION FLUID
- H. INJECTION PRESSURES
- I. REVIEW OF WELLS WITHIN 1/2 MILE RADIUS
- J. GEOLOGIC DATA

- K. WELLBORE DIAGRAM
- L. INJECTIVITY DATA
- M. LABORATORY TESTS
- N. AFFIDAVIT OF NOTIFICATION

**V. SHIMMIN TRUST #11-11**

- A. UIC FORM 1
- B. PLATS
- C. WELL LOGS
- D. CEMENT BOND LOG
- E. CASING PROGRAM
- F. CASING TEST PROGRAM
- G. INJECTION FLUID
- H. INJECTION PRESSURES
- I. REVIEW OF WELLS WITHIN 1/2 MILE RADIUS
- J. GEOLOGIC DATA
- K. WELLBORE DIAGRAM
- L. INJECTIVITY DATA
- M. LABORATORY TESTS
- N. AFFIDAVIT OF NOTIFICATION

## **I. OVERVIEW**

The purpose of the Castlegate CBM Project is to develop and exploit the Coal Bed Methane associated with the Blackhawk Coal in Carbon County, Utah. The Methane will be produced through twenty five (25) wells which have already been drilled. Of these twenty five (25) wells, only seven (7) have been completed to date. Six (6) wells have been completed in the Blackhawk Coal as producers and one (1) well has been completed in the Spring Canyon Sand as an injection well. This well was utilized for injectivity testing. The remaining eighteen (18) wells are scheduled to be completed in 1993, at which time the project will be put on production.

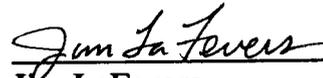
Exploitation of the Methane from the Blackhawk Coal requires that the coal be dewatered. As the water is removed from the coal, the Methane will begin to disassociate and will be produced. The dewatering process will result in the initial production of approximately eighteen thousand seven hundred fifty (18,750) barrels of saltwater per day or seven hundred fifty (750) barrels per day per producing well. This water must then be disposed. The two options available for disposal of the water are to reduce the amount of Total Dissolved Solids (TDS) in the water and then discharge the water into the surface waters or to dispose the water into the Spring Canyon Sand through disposal wells.

PG&E Resources intends to inject the produced water into the Spring Canyon Sand. This would be accomplished by dually completing four (4) of the wells. These wells will produce from the Blackhawk through the upper tubing string and inject into the Spring Canyon Sand through the lower tubing string. The produced water will be filtered prior to injection to remove any coal fragments which may be present. Water Analysis of the produced water (6,500+ mg/l TDS) and Spring Canyon Sand formation water (10,520 mg/l TDS) indicate that the waters are compatible.

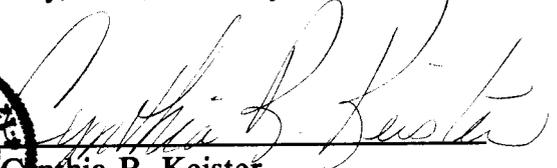
The success of the Castlegate CBM Project is dependent upon receiving authorization to use disposal wells to dispose of the produced water.

STATE OF TEXAS  
COUNTY OF DALLAS

Before me, the undersigned authority, on this day personally appeared Jim LaFevers, the Regulatory Affairs Supervisor for PG&E Resources Company, who being by me duly sworn, deposes and says that a copy of the UIC Form 1 for the Shimmin Trust #11-11 well was mailed to each of the people listed below on the following date, to wit: January 29, 1993.

  
\_\_\_\_\_  
Jim LaFevers  
Regulatory Affairs Supervisor  
PG&E Resources Company

Subscribed and sworn to before me this 5th day of February, 1993, to certify which witness my hand and seal of office.

  
\_\_\_\_\_  
Cynthia R. Keister  
Notary Public in and for Dallas  
County, Texas



**OFFSET OPERATORS:**

None

**SURFACE OWNERS:**

James T., Jerry J. & Dix Jensen  
c/o Jensen Law Offices  
190 North Carbon Avenue  
Price, Utah 84501

John F. Marshall Trustee  
for Dean Carlyle Shimmin Trust  
1495 East 2050 North  
Provo, Utah 84604

Mona L. Marsing  
4300 East 8900 South  
Price, Utah 84501

**V. SHIMMIN TRUST #11-11**

A. UIC FORM 1



## B. PLATS



6

CARBON COUNTY 5

4

7

PG&E RESOURCES 8

9

(COCKRELL OIL)  
1210-0806



Federal  
7-9



Jensen  
16-9  
TBC



18

17

PG&E RESOURCES 2-16 16

TBC



9-16  
TBC



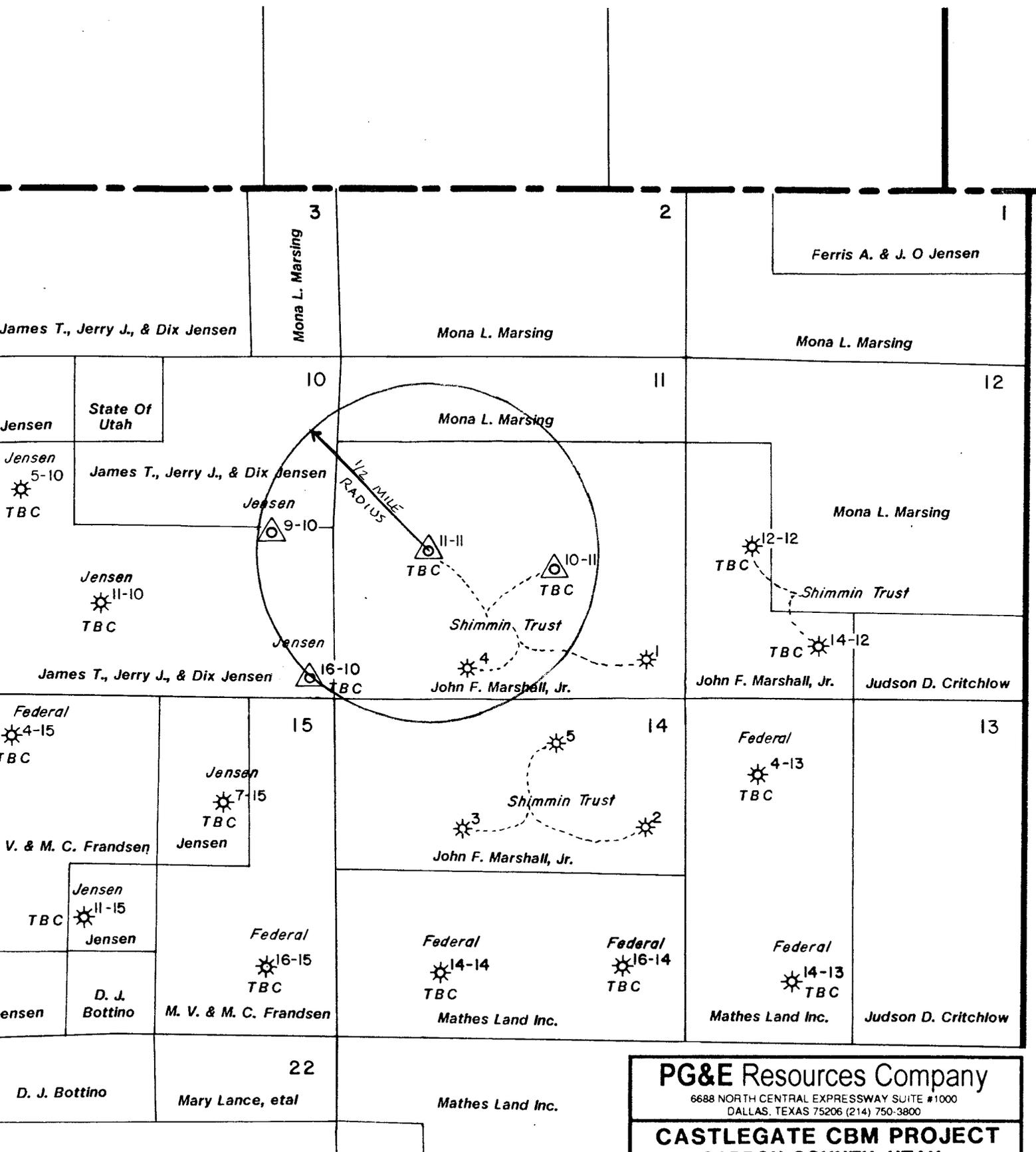
State

19

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21

T 12 S -



**LEGEND**

☀ PRODUCING WELLS

△ SALT WATER DISPOSAL WELLS (PROPOSED)

**PG&E Resources Company**  
 6688 NORTH CENTRAL EXPRESSWAY SUITE #1000  
 DALLAS, TEXAS 75206 (214) 750-3800

---

**CASTLEGATE CBM PROJECT  
 CARBON COUNTY, UTAH**

---

**SURFACE OWNERSHIP**

0                      2000                      4000  
 \_\_\_\_\_  
 SCALE IN FEET

---

GEOLOGY BY:                      CONTOUR INTERVAL:  
 DATE: DECEMBER 9, 1992      REVISION: 12-18-92

10 E

COMPLETED IN 1993

CARBON COUNTY 4

6

5

U.S.A.

James T., Jerry J., & Dix Jensen

James T., Jerry J., & Dix Jensen

James T., Jerry J., & Dix Jensen

7

James T., Jerry J., & Dix Jensen

8

James T., Jerry J. & Dix Jensen

9

James T., Jerry J., & Dix Jensen

U.S.A.

1210-0806



U.S.A.

Federal



U.S.A.

James T., Jerry J., & Dix Jensen

James T., Jerry J., & Dix Jensen

Jensen



TBC

James T., Jerry J., & Dix Jensen

18

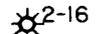
James T., Jerry J., & Dix Jensen

James T., Jerry J., & Dix Jensen

17

James T., Jerry J., & Dix Jensen

16



TBC

U.S.A.

U.S.A.



TBC

State Of Utah

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T 12 S -

TBC - TO BE

### C. WELL LOGS

The following well logs were run on the subject well by Halliburton Logging Services, Inc. and have been previously submitted to the Division of Oil, Gas and Mining:

<u>Date Logged</u>	<u>Type of Log</u>
September 23, 1992	Spectral Density Log
September 23, 1992	Dual Induction Guard Log

### D. CEMENT BOND LOG

An Acoustic Cement Bond Log will be run on the subject well in early 1993 and will be submitted to the Division of Oil, Gas and Mining at that time.

### E. CASING PROGRAM

This well was drilled, casing was set and the well temporarily abandoned on September 25, 1992. The well will be dually completed in early 1993. Production will be from the Blackhawk formation through the upper 2-7/8" tubing and disposal of salt water will be into the Spring Canyon Sand through the lower 2-1/16" tubing (contingent upon receiving a disposal permit).

	<u>Surface Casing</u>	<u>Production Casing</u>	<u>DV Tool</u>
Hole Size	12-1/4"	8-3/4"	8-3/4"
Casing Size	9-5/8"	7"	7"
Weight (lbs/ft)	36	26 & 29	
Grade	J-55	N-80	
Setting Depth	529'	4,997'	3,293'
Amount of Cement	275 sacks	400 sacks	350 sacks
Type of Cement	Class G	50/50 Pozmix	Class G
Slurry Volume	327.25	528	1,131
Top of Cement	Surface	3,293'	Surface
Date Set	9-7-92	9-25-92	9-25-92
PBTD		4,908'	

### F. CASING TEST PROGRAM

In lieu of a conventional Mechanical Integrity Test (MIT), a Radioactive Tracer Survey will be performed. The radioactive isotope will be injected down the 2-1/16" tubing to verify the path taken by the injection fluids. This will insure that the injection fluids cannot enter any strata other than the Spring Canyon Sand and will

also insure integrity of the tubing and packer.

**G. INJECTION FLUID**

The injection fluid will consist of saltwater containing in excess of 6,500 mg/l TDS. The saltwater is a byproduct of gas production from the Blackhawk Coal formation. The proposed daily injection rates are: maximum - 6,500 barrels per day, average - 5,000 barrels per day.

**H. INJECTION PRESSURES**

The proposed injection pressures are: maximum - 2,000 psig, average - 1,500 psig.

**I. REVIEW OF WELLS WITHIN 1/2 MILE RADIUS**

Listed below is a review of the casing and cement programs for the four (4) offset wells which are located within a one-half (1/2) mile radius of the Shimmin Trust #11-11 well. All of these wells have been cased and cemented in a manner which will prevent migration of the injection fluids up or down the wellbore and will prevent entry of the injection fluids into improper zones.

**Jensen 9-10**

	<u>Surface Casing</u>	<u>Production Casing</u>	<u>DV Tool</u>
Hole Size	12-1/4"	8-3/4"	8-3/4"
Casing Size	9-5/8"	7"	7"
Weight (lbs/ft)	36	26 & 29	
Grade	J-55	N-80	
Setting Depth	498'	4,930'	3,309'
Amount of Cement	275 sacks	400 sacks	340 sacks
Type of Cement	Class G	50/50 Pozmix	Class G
Slurry Volume	327.25	508	1,095.2
Top of Cement	Surface	3,309'	Surface
Date Set	8-13-92	8-27-92	8-27-92
PBTD		4,840'	

**Jensen 16-10**

	<u>Surface Casing</u>	<u>Production Casing</u>	<u>DV Tool</u>
Hole Size	12-1/4"	8-3/4"	8-3/4"
Casing Size	9-5/8"	7"	7"

Weight (lbs/ft)	36	26 & 29	
Grade	J-55	N-80	
Setting Depth	525'	4,695'	3,267'
Amount of Cement	275 sacks	290 sacks	295 sacks
Type of Cement	Class G	50/50 Pozmix	Class G
Slurry Volume	324.5	391.5	909.6
Top of Cement	Surface	3,267'	Surface
Date Set	8-26-92	9-11-92	9-11-92
PBTD		4,609'	

#### Shimmin Trust 4

	<u>Surface Casing</u>	<u>Production Casing</u>	<u>DV Tool</u>
Hole Size	12-1/4"	7-7/8"	7-7/8"
Casing Size	8-5/8"	5-1/2"	5-1/2"
Weight (lbs/ft)	23	17	
Grade	WC-50	WC-70	
Setting Depth	627'	4,630'	3,562'
Amount of Cement	450/25	320 sacks	310 sacks
Type of Cement	Premium/Pozmix	50/50 Pozmix	Silica Lite
Slurry Volume	563.25	409.6	1,212.1
Top of Cement	Surface	3,562'	Surface
Date Set	7-22-90	9-15-90	9-15-90
PBTD		4,583'	

#### Shimmin Trust 10-11

	<u>Surface Casing</u>	<u>Production Casing</u>	<u>DV Tool</u>
Hole Size	12-1/4"	8-3/4"	8-3/4"
Casing Size	9-5/8"	7"	7"
Weight (lbs/ft)	36	26 & 29	
Grade	J-55	N-80	
Setting Depth	476'	4,990'	3,290'
Amount of Cement	275 sacks	380 sacks	435 sacks
Type of Cement	Class G	50/50 Pozmix	Class G
Slurry Volume	327.25	501.6	1,435.3
Top of Cement	Surface	3,290'	Surface
Date Set	9-25-92	10-10-92	10-11-92
PBTD		4,902'	

## J. GEOLOGIC DATA

The proposed injection zone is the Spring Canyon sandstone, which occurs at a depth

of 4,473 to 4,869 feet. The Spring Canyon is a Cretaceous age sandstone of the Mesaverde Group that consists of fine to medium grained, sub-angular to sub-rounded marine sand, interbedded with siltstone and shale. Minor fractures are also believed to exist in the Spring Canyon. Sand thickness is 58 to 129 feet, based on a minimum density porosity cutoff of 8 percent. Confinement is provided by the Mancos shale below, and the interbedded sand, shale, and siltstone of the Aberdeen and Kenilworth formations above.

With the current well control, the lateral extent of the Spring Canyon includes the entire project area, (T12S-R10E). Although not every well was drilled to the Spring Canyon, the wells that did penetrate the sand showed a thickening to the east.

At this time, there appears to be no structural or stratigraphic limitations which would effect the conveyance and/or storage of the injected water.

#### K. WELLBORE DIAGRAM

The attached wellbore diagram indicates the configuration of the wellbore and downhole equipment once completion operations are finished in 1993.

#### L. INJECTIVITY DATA

Step Rate/Falloff Tests have been performed on the Jensen #9-10 and Shimmin Trust #2 wells. The results of these tests are attached.

#### M. LABORATORY TESTS

Laboratory analyses have been performed on the following water samples and copies are attached:

Shimmin Trust #1 - Blackhawk produced water  
Shimmin Trust #2 - Blackhawk produced water  
Shimmin Trust #3 - Blackhawk produced water  
Shimmin Trust #4 - Blackhawk produced water  
Shimmin Trust #5 - Blackhawk produced water  
Jensen #9-10 - Blackhawk produced water (injection sample)  
Jensen #9-10 - Spring Canyon formation water (swab sample)

Oilab Petroleum Laboratory and Gas Engineering, the laboratory which performed these analyses, has indicated on the Jensen #9-10 reports that the Blackhawk and Spring Canyon waters are compatible.

N. AFFIDAVIT OF NOTIFICATION

To whom it may concern:

Copies of the UIC Form 1 application for the Shimmin Trust #11-11 well have been mailed to the following on January 29, 1993.

**OFFSET OPERATORS:**

None

**SURFACE OWNERS:**

James T., Jerry J. & Dix Jensen  
c/o Jensen Law Offices  
190 North Carbon Avenue  
Price, Utah 84501

John F. Marshall Trustee  
for Dean Carlyle Shimmin Trust  
1495 East 2050 North  
Provo, Utah 84604

Mona L. Marsing  
4300 East 8900 South  
Price, Utah 84501

  
\_\_\_\_\_  
Signature

Jim LaFevers  
\_\_\_\_\_  
Name

Supervisor, Regulatory Affairs  
\_\_\_\_\_  
Title

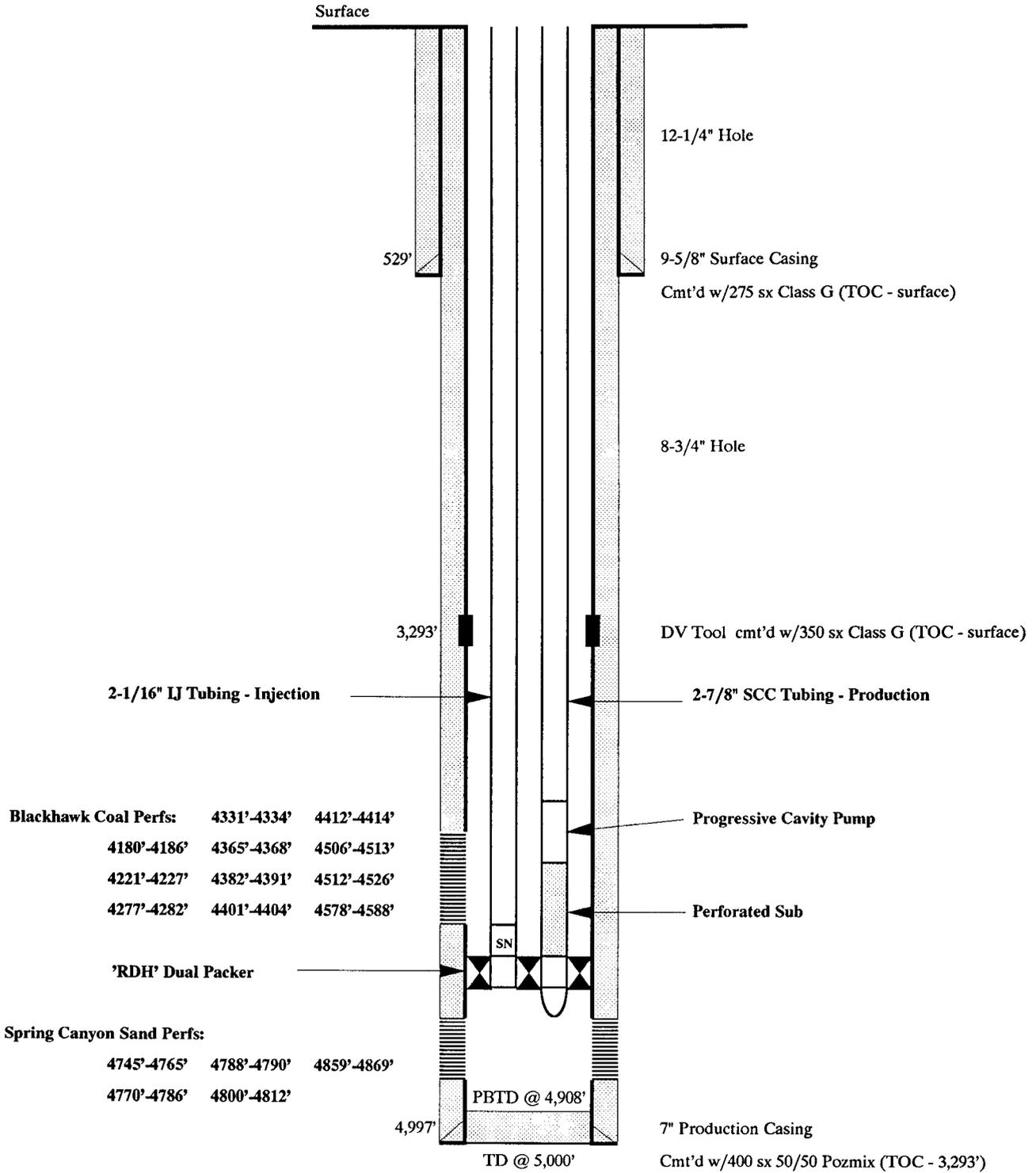
(214) 750-3988  
\_\_\_\_\_  
Telephone

February 1, 1993  
\_\_\_\_\_  
Date

# SHIMMIN TRUST NO. 11-11

Castlegate Field  
Carbon County, Utah

Sec 11-T12S-R10E



**Jensen #9-10  
Steprate/Falloff Testing Results (Spring Canyon sand)  
Castlegate Field  
Carbon County, Utah**

The Jensen No. 9-10 was perforated in the Spring Canyon sand from 4705'-46' and 4753'-74' (CNL) at 2 spf for a steprate/falloff test. A general description of the results follows and copies of pertinent graphs are attached.

A swab sample was obtained from 4705'-74'. Comparison of the Spring Canyon water analysis from the swab sample to the analysis of the coal bed produced water sample which was used for injection tests indicated the TDS is slightly higher in the Spring Canyon, 10520 mg/l vs. 8250 mg/l. Chlorides in the Spring Canyon were measured at 2610 mg/l. The waters are very similar in composition and are compatible. A complete analysis of each sample is attached.

Results from the steprate/falloff test on the Spring Canyon sand indicated a closure pressure of 2299 psi. Horner evaluation of the falloff indicated permeability of 13.2 md, skin of -5.7, and a radius of investigation of 1541 feet. Average reservoir pressure was determined to be 1953 psi.. Closure pressure and average reservoir pressure were corrected to mid-perf. The final rate of the steprate test was 3.5 bbl/min or 5040 bbl/day with surface pressure of 815 psi. A total of 1512 bbls of water were injected into the Spring Canyon.

Comparison of the fracture gradients from the above closure pressures indicated that the Spring Canyon sand (0.51 psi/ft) will be bound by the shale above and below the zone which have fracture gradients (as determined from the Shimmin Trust No. 2 testing) of 0.63 psi/ft and 0.54 psi/ft, respectively.

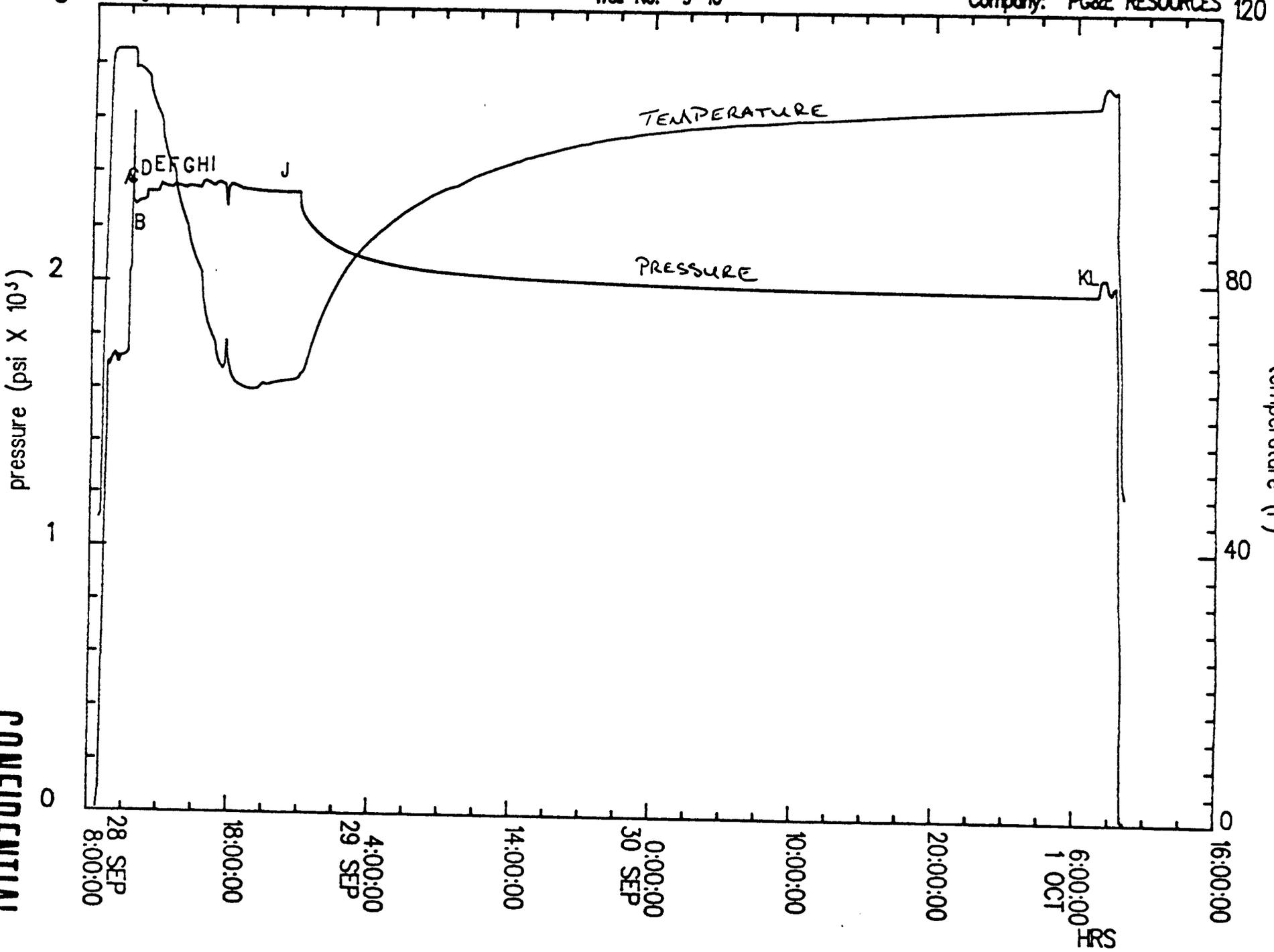
# Pressure/Temperature History

Test No: 1  
Gauge No: 10597

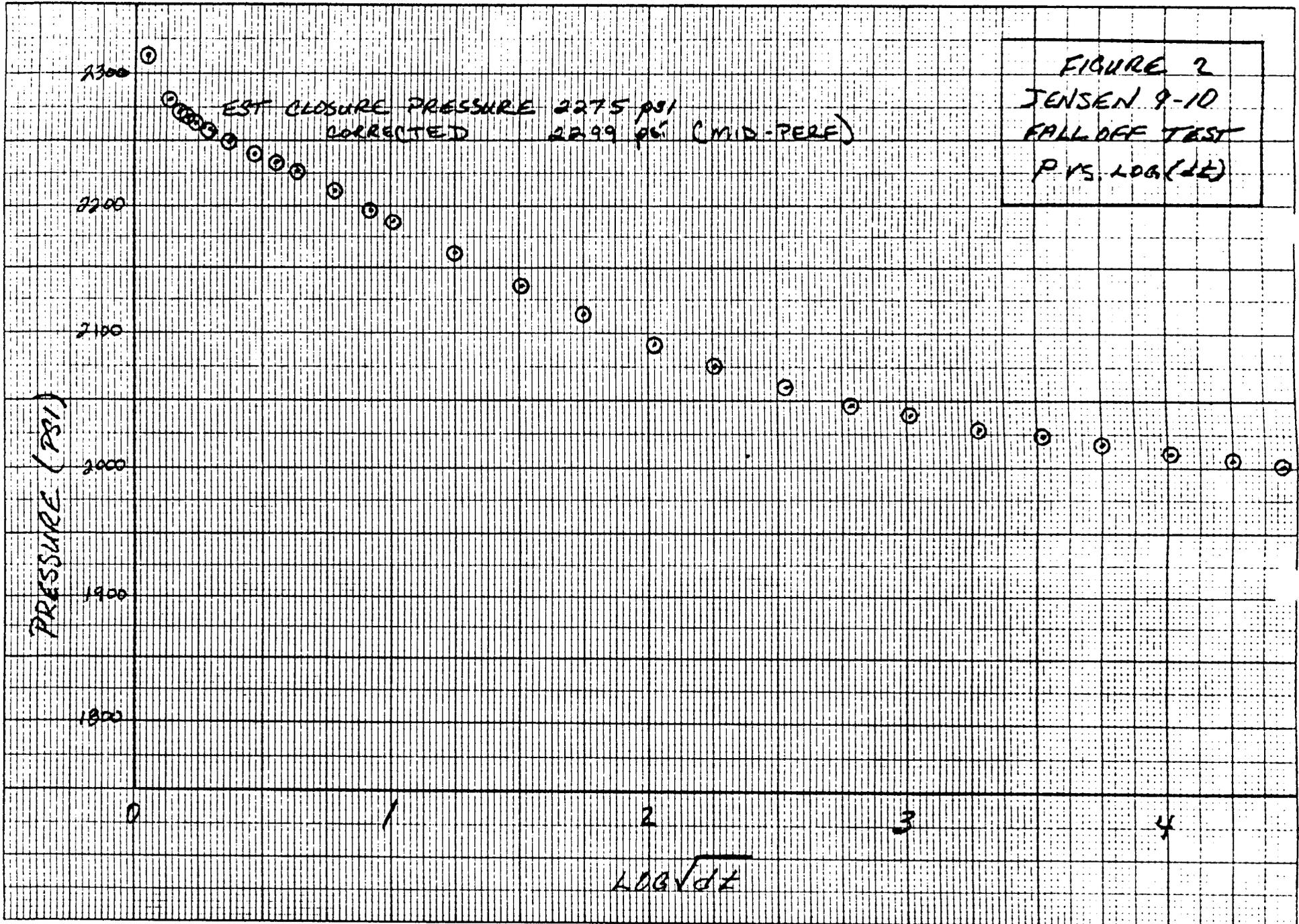
Well No: 9-10  
JENSEN

Company: PG&E RESOURCES

Date: 28-SEP-92  
Ticket No: 005134  
Page No: 3



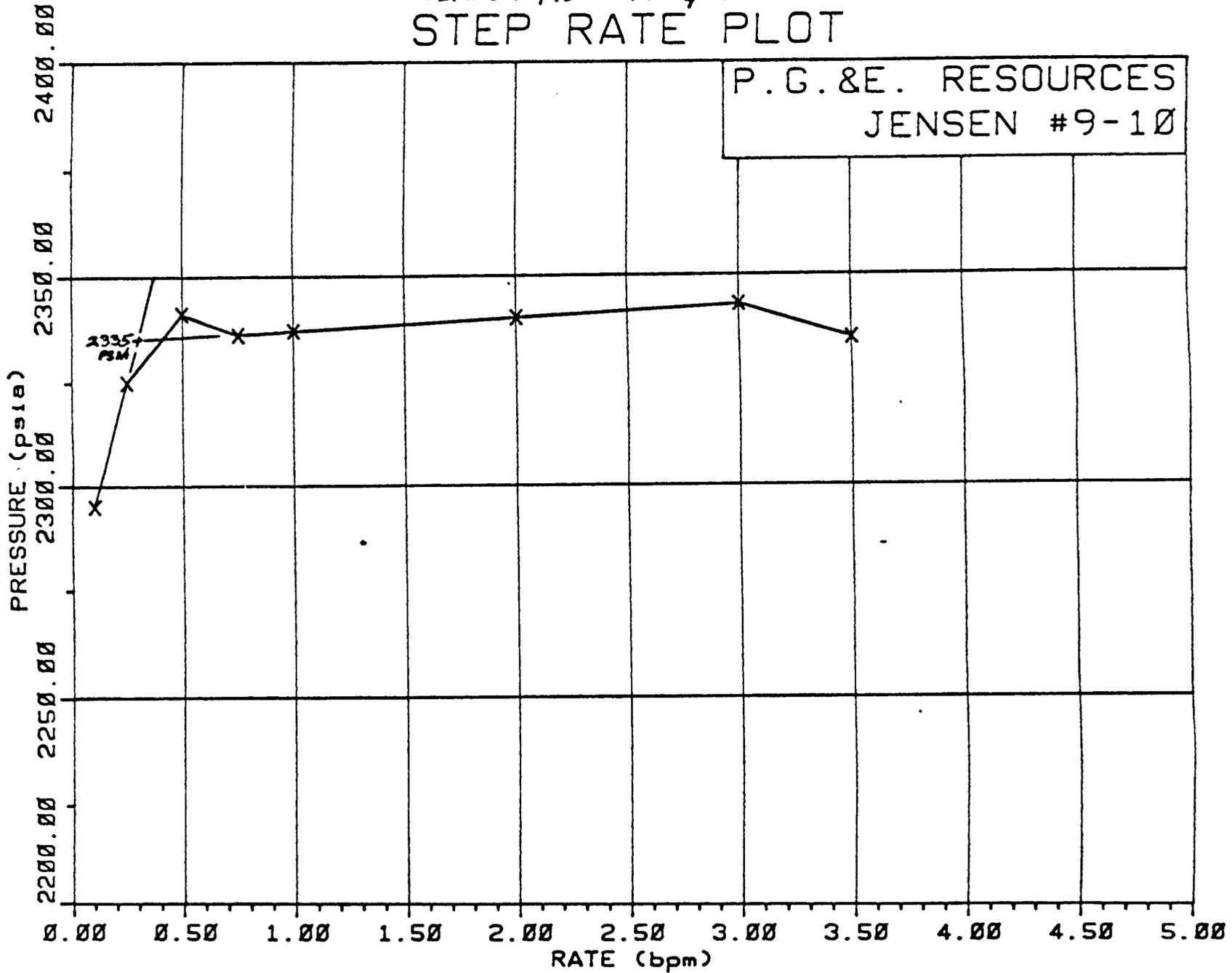
CONFIDENTIAL



CONFIDENTIAL

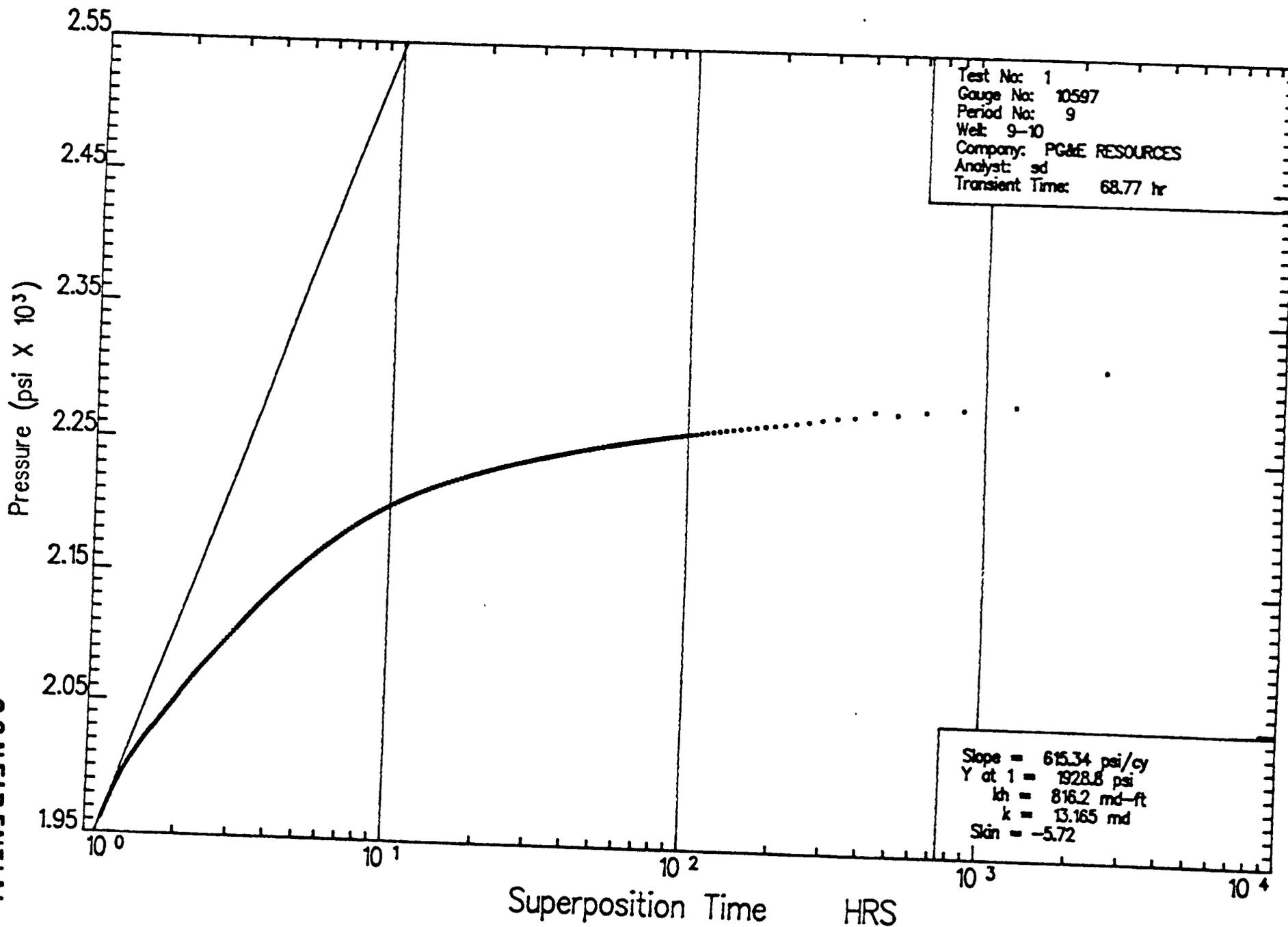
FIGURE 3  
SPRING CANYON SAND  
PERFS : 4705'-46' & 4753'-74'  
STEP RATE PLOT

P.G.&E. RESOURCES  
JENSEN #9-10



CONFIDENTIAL

FIGURE 4  
SEMI-LOG PLOT



Date: 28-SEP-92

Ticket No: 005134

Page No: 2.2.0

CONFIDENTIAL



PETROLEUM LABORATORY  
AND GAS ENGINEERING

401 N.E. 46th Oklahoma City, Ok. 73105-3338

(405) 528-8255

LABORATORY REPORT NO. 64512

WATER ANALYSIS

PACIFIC GAS & ELECTRIC RESOURCES  
CASTLEGATE PROSPECT  
JENSEN 9-10  
STATION NO. INJECTION WATER  
VERNAL, UTAH

SAMPLED BY: PG&ER  
DATE SAMPLED: 10-00-92  
DATE RUN 10-26-92  
COLOR BEFORE FILTRATION:  
COLOR AFTER FILTRATION:

COLORLESS  
COLORLESS

\*\*\*\*\* CHEMICAL CHARACTERISTICS \*\*\*\*\*

	mg/l
CALCIUM (Ca)	18
MAGNESIUM (Mg)	13
SODIUM (Na)	2,460
POTASSIUM (K)	3
BARIIUM (Ba)	<1
IRON (Fe)	0.3
SILICA (SiO2)	11
*BICARBONATE (HCO3)	4,475
CARBONATE (CO3)	0
HYDROXIDE (OH)	0
SULFATE (SO4)	115
CHLORIDE (Cl)	1,165

	mg/l
*P* ALKALINITY (AS CaCO3)	0
*M* ALKALINITY (AS CaCO3)	3,670
TOTAL HARDNESS (AS CaCO3)	96
TOTAL DISSOLVED SOLIDS	8,250

RESISTIVITY @ 77 DEG. F.	0.869
SPECIFIC GRAVITY @ 75 DEG. F.	1.010
pH VALUE	8.28

NOTES:

DATE RECEIVED: 10-26-92  
BORON (MG/L): 9.2  
ZINC (MG/L): 0.02  
CHROMIUM (MG/L): <0.05  
STRONTIUM (MG/L): 0.88  
THIS WATER WILL BE COMPATIBLE  
WITH THE "SWAB" SAMPLE  
\*BICARBONATE as CaCO3: 3670

CONFIDENTIAL



PETROLEUM LABORATORY  
AND GAS ENGINEERING

401 N.E. 46th Oklahoma City, Ok. 73105-3338  
(405) 528-8255  
LABORATORY REPORT NO. 64512

WATER ANALYSIS

PACIFIC GAS & ELECTRIC RESOURCES  
CASTLEGATE PROSPECT  
JENSEN 9-10  
STATION NO. SWAB SAMPLE  
VERNAL, UTAH

SAMPLED BY: FG&ER  
DATE SAMPLED: 10-00-92  
DATE RUN 10-26-92  
COLOR BEFORE FILTRATION: LIGHT BROWN  
COLOR AFTER FILTRATION: LIGHT YELLOW

\*\*\*\*\* CHEMICAL CHARACTERISTICS \*\*\*\*\*

	mg/l
CALCIUM (Ca)	10
MAGNESIUM (Mg)	6
SODIUM (Na)	3,860
POTASSIUM (K)	2
BARIUM (Ba)	<1
IRON (Fe)	0.4
SILICA (SiO2)	10
*BICARBONATE (HCO3)	2,122
**CARBONATE (CO3)	1,628
HYDROXIDE (OH)	0
SULFATE (SO4)	280
CHLORIDE (Cl)	2,610

	mg/l
*P* ALKALINITY (AS CaCO3)	1,360
*M* ALKALINITY (AS CaCO3)	3,100
TOTAL HARDNESS (AS CaCO3)	50
TOTAL DISSOLVED SOLIDS	10,520

RESISTIVITY @ 77 DEG. F.	0.645
SPECIFIC GRAVITY @ 75 DEG. F.	1.014
pH VALUE	10.32

NOTES:

DATE RECEIVED: 10-26-92  
BORON (MG/L): 4.6  
THIS WATER WILL BE COMPATIBLE  
WITH THE 'INJECTION' WATER  
\*BICARBONATE as CaCO3: 1740  
\*\*CARBONATE as CaCO3: 2720  
ZINC (MG/L): 0.07  
CHROMIUM (MG/L): <0.05  
STRONTIUM (MG/L): 0.48

CONFIDENTIAL

PG&E RESOURCES								
JENSEN No. 9-10								
INJECTION HISTORY								
DATE	TBG PRESS (PSI)	VOLUME (BBLs)	CUMULATIVE BBLs					
3-Nov	350	1600	1600					
4-Nov	350	3100	4700					
5-Nov	350	3500	8200					
6-Nov	350	3300	11500					
7-Nov	350	2000	13500					
8-Nov	350	2000	15500					
9-Nov	0	0	15500					
10-Nov	0	0	15500					
11-Nov	0	0	15500					
12-Nov	0	0	15500					
13-Nov	350	1600	17100					
14-Nov	0	0	17100					
15-Nov	0	0	17100					
16-Nov	0	0	17100					
17-Nov	0	0	17100					
18-Nov	0	0	17100					
19-Nov	0	0	17100					
20-Nov	0	0	17100					
21-Nov	0	0	17100					
22-Nov	0	0	17100					
23-Nov	0	0	17100					
24-Nov	0	0	17100					
25-Nov	0	0	17100					
26-Nov	0	0	17100					
27-Nov	0	0	17100					
28-Nov	0	0	17100					
29-Nov	0	0	17100					
30-Nov	0	0	17100					
1-Dec	0	0	17100					
2-Dec	0	0	17100					
3-Dec	0	0	17100					
4-Dec	0	0	17100					
5-Dec	0	0	17100					
6-Dec	0	0	17100					
7-Dec	0	0	17100					
8-Dec	0	0	17100					
9-Dec	0	0	17100					
10-Dec	0	0	17100					
11-Dec	0	0	17100					



Shimmin Trust No. 2  
Step-rate/Fallout Testing Results (Sand Canyon sand)  
Castlegate Field  
Carbon County, Utah

The Shimmin Trust No. 2 was perforated in the Spring Canyon sand from 4440' - 4528' (CNL) at 2 spf for a step-rate/fallout test. Shales above and below the Spring Canyon were also perforated at 4390' (2 holes) and 4575' (2 holes) to obtain stress tests. A general description of the results follows: copies of pertinent graphs are attached for your files.

A swab sample was obtained from 4440'-4528'. Comparison of the Spring Canyon water analysis from the swab sample to the analysis of the coal bed produced water sample which was used for the injection tests indicated the TDS is slightly higher in the Spring Canyon, 10206 mg/l vs. 8755 mg/l. Chlorides in the Spring Canyon were measured at 3208 mg/l. The waters are very similar in composition and are compatible. A complete analysis of each sample is attached.

Each of the shale intervals was isolated for a stress test. The zone at 4575' did not indicate a clearly defined fracture closure pressure. However, the best estimate from the third pump-in is 2460 psi. Evaluation of the closure pressure tests at 4390' indicated good repeatability with results of 2790 psi and 2780 psi (corrected to depth), a different of less than one percent.

Results from the step-rate/fallout test on the Spring Canyon sand indicated a closure pressure of 2005 psia. Horner evaluation of the falloff indicated permeability of 2.7 md, skin of -4.2, and a radius of investigation of 522 feet. Average reservoir pressure was determined to be 1280 psia. Closure pressure and average reservoir pressure were corrected to mid-perf. The final rate of the step-rate test was 3.5 bbl/min or 5040 bbl/day with surface pressure of 325 psi. A total of 908 bbls of water were injected into the Spring Canyon.

Comparison of the fracture gradients from the above closure pressures indicates that the Spring Canyon sand (0.45 psi/ft) will be bound by the shale above and below the zone which have a fracture gradients of 0.63 psi/ft and 0.54 psi/ft, respectively.

All of the data obtained indicates the Spring Canyon sand injection to be the most economic way of disposing of the produced water from the Castlegate project. Drilling has incorporated 7" casing in four wells to allow dual completion of the coals and injection interval.

**CONFIDENTIAL**

# Pressure/Temperature History

**CONFIDENTIAL**

Test No: 1-3  
Gauge No: 10597

Well No: #2

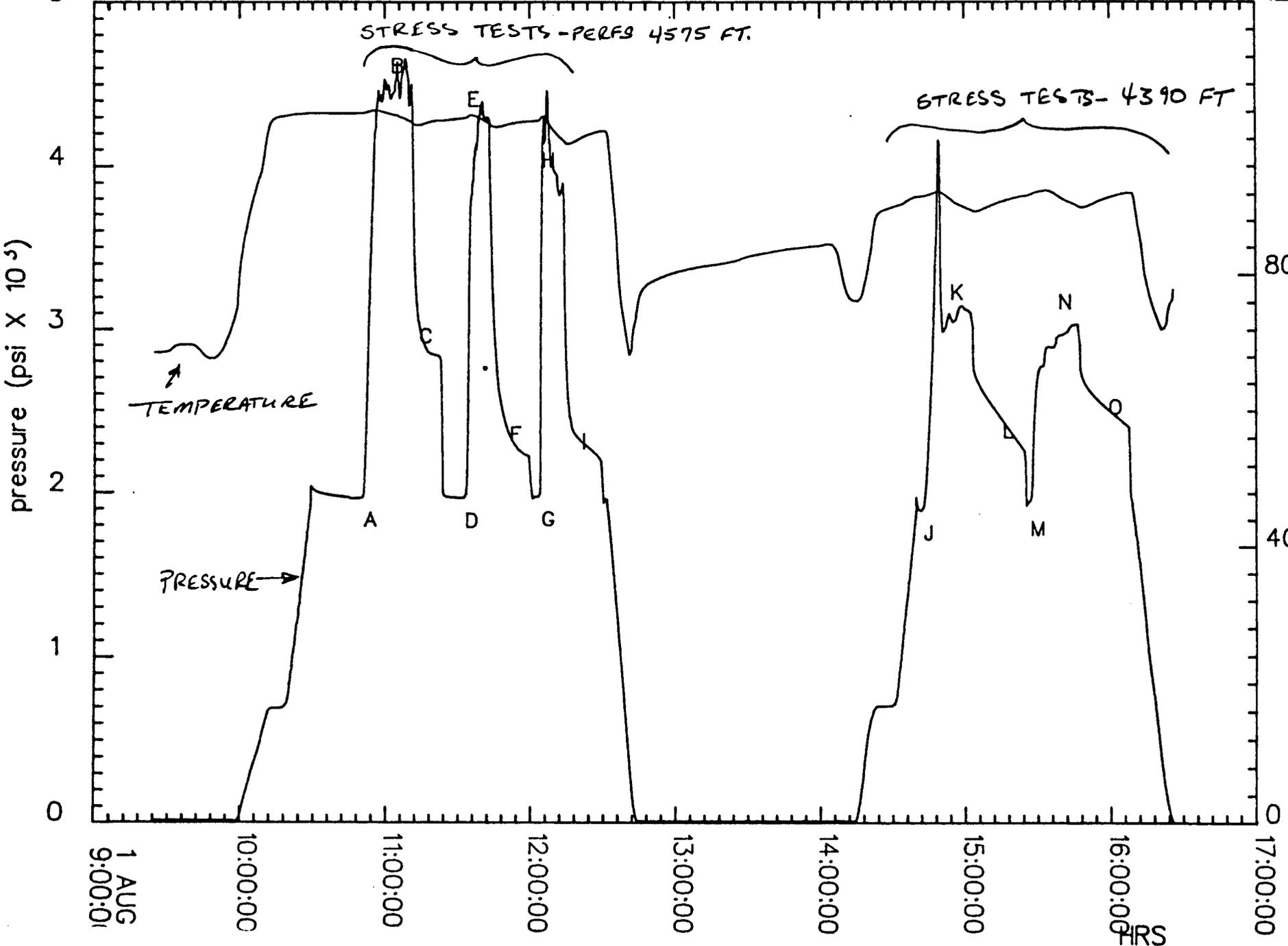
Company: P. G. & E. 120

Date: 01-AUG-92

Ticket No: 005117

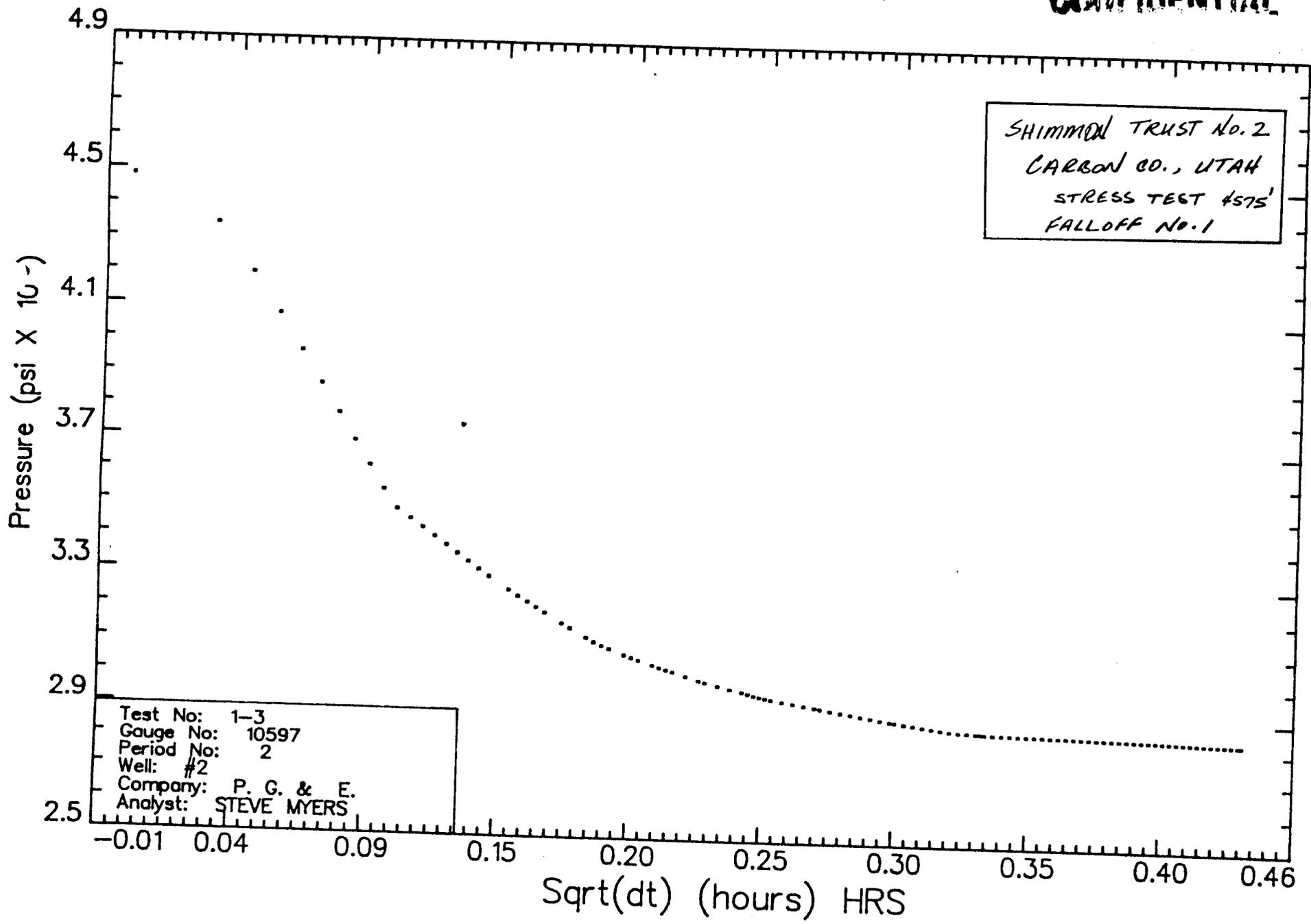
Page No: 1.3

temperature (F)



# Pressure Vs Sqrt(dt)

**CONFIDENTIAL**



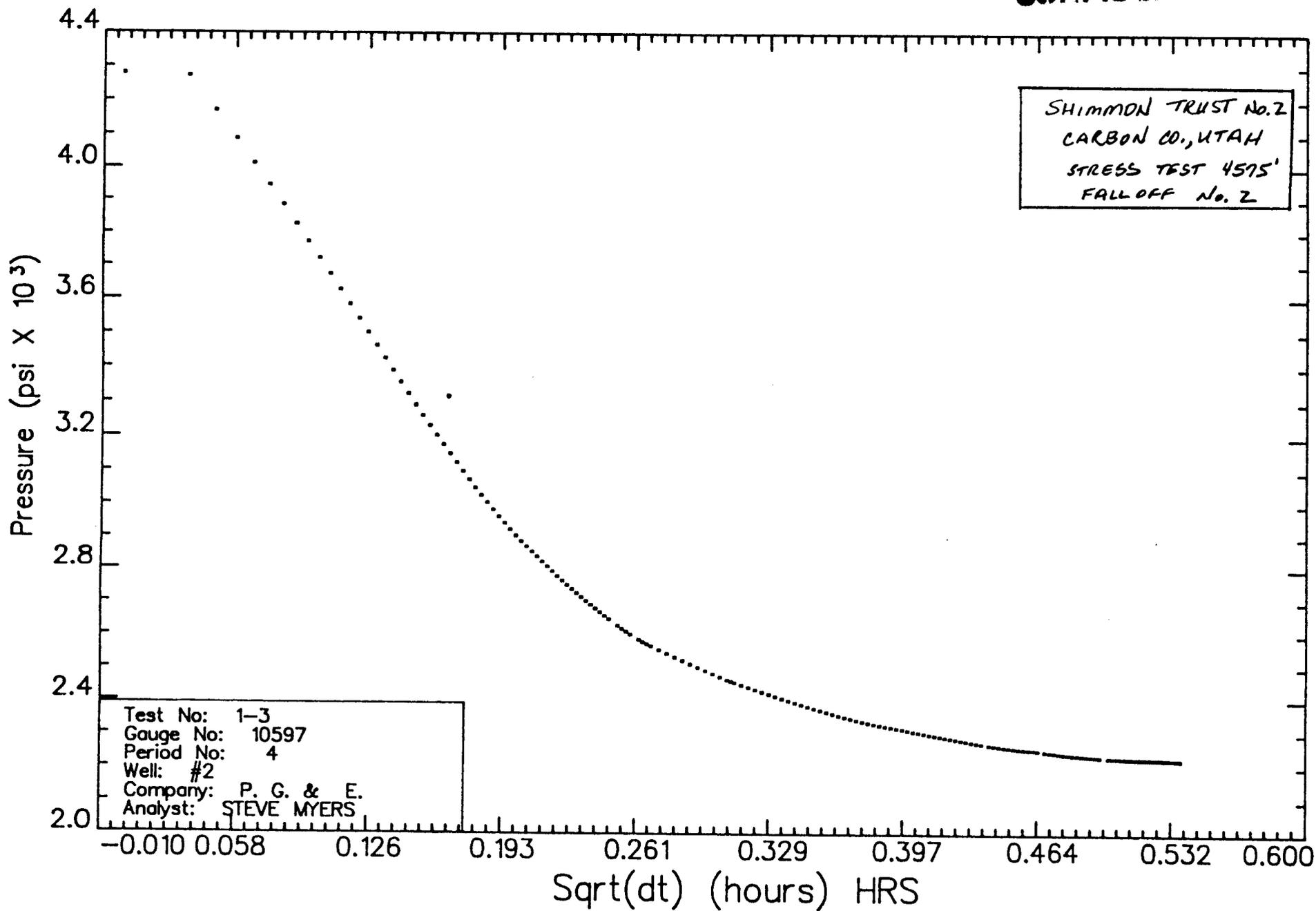
Date: 01-AUG-92

Ticket No: 005117

Page No: 2.2.0

# Pressure Vs Sqrt(dt)

**CONFIDENTIAL**



SHIMMON TRUST No. 2  
CARBON CO., UTAH  
STRESS TEST 4575'  
FALL OFF No. 2

Test No: 1-3  
Gauge No: 10597  
Period No: 4  
Well: #2  
Company: P. G. & E.  
Analyst: STEVE MYERS

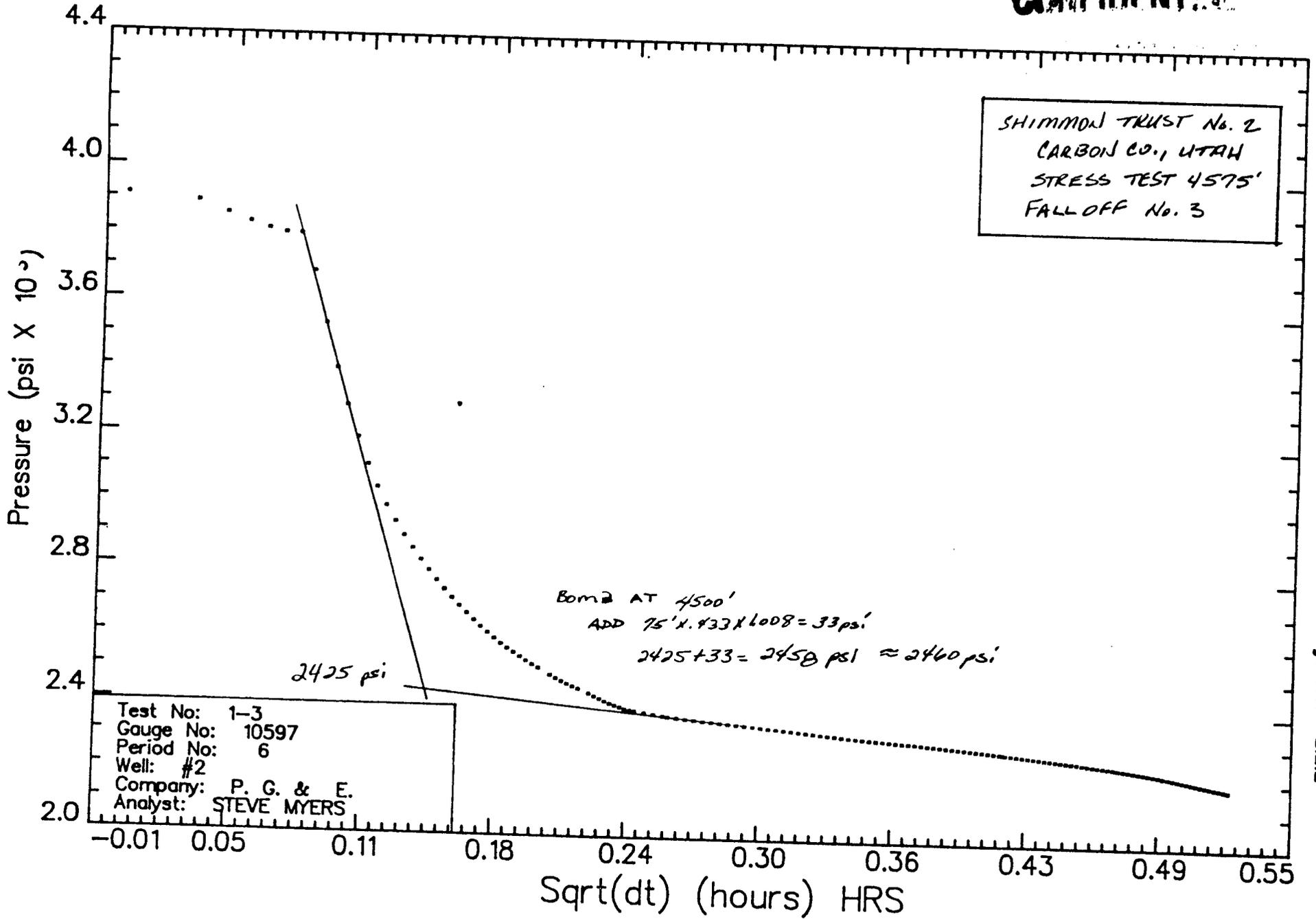
Date: 01-AUG-92

Ticket No: 005117

Page No: 2.2.1

# Pressure Vs Sqrt(dt)

**CONFIDENTIAL**



Date: 01-AUG-92

Ticket No: 005117

Page No: 2.2.2

# Pressure Vs Sqrt(dt)

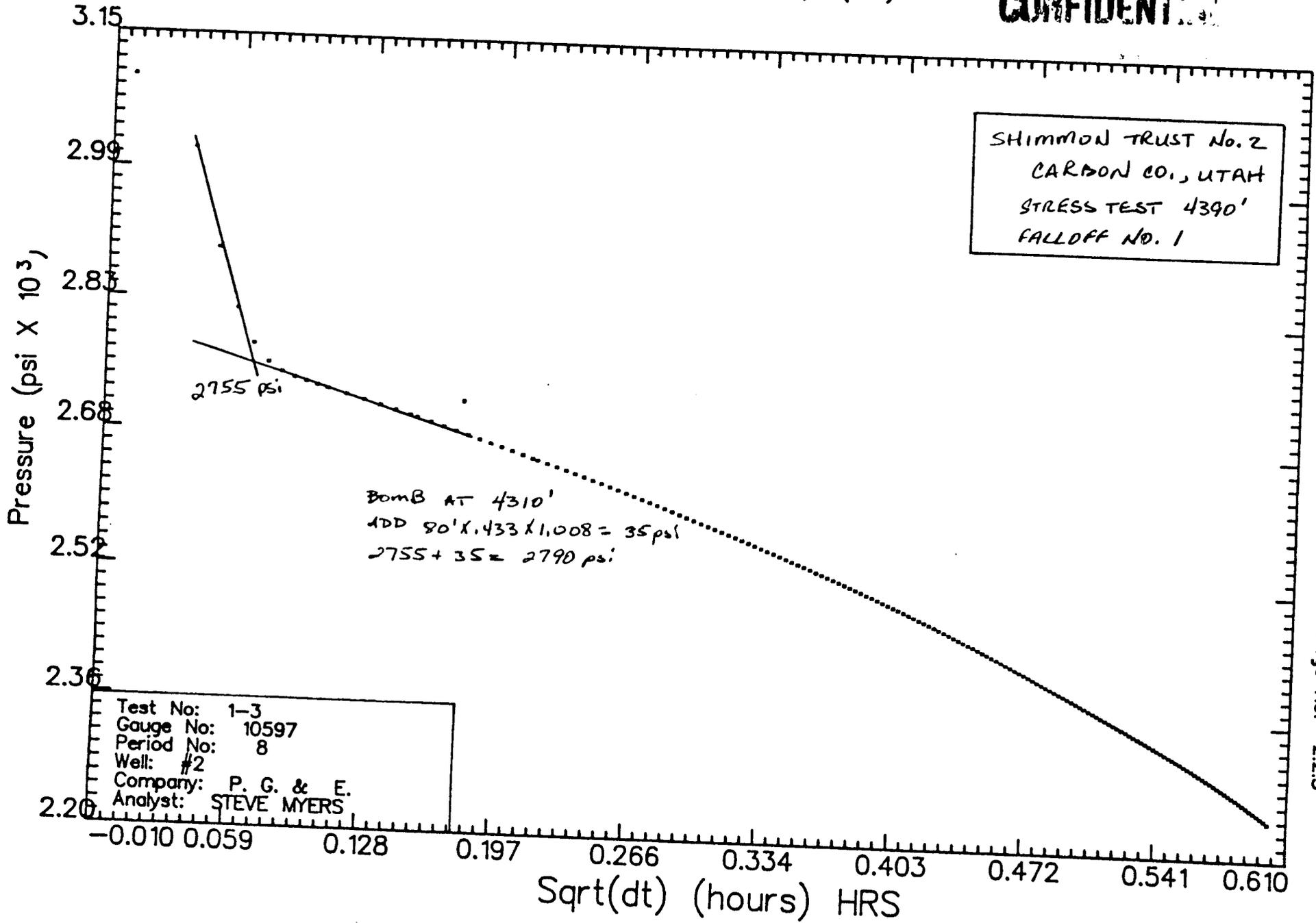
**CONFIDENTIAL**

Date: 01-AUG-92

Ticket No: 005117

Page No: 2.2.3

SHIMMON TRUST No. 2  
CARBON CO., UTAH  
STRESS TEST 4390'  
FALLOFF NO. 1



Test No: 1-3  
Gauge No: 10597  
Period No: 8  
Well: #2  
Company: P. G. & E.  
Analyst: STEVE MYERS

# Pressure Vs Sqrt(dt)

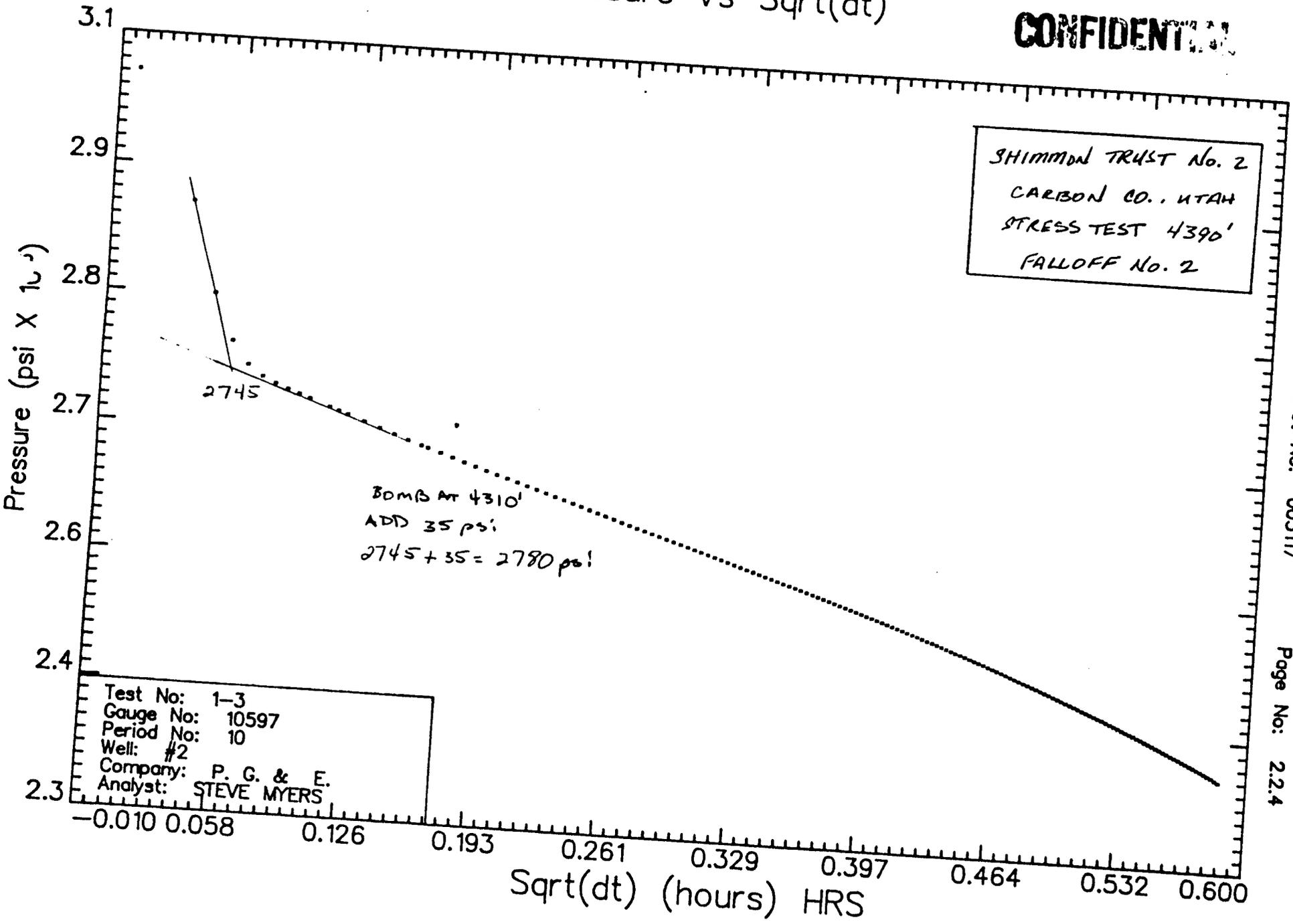
**CONFIDENTIAL**

Date: 01-AUG-92

Ticket No: 005117

Page No: 2.2.4

SHIMMOND TRUST No. 2  
CARBON CO., UTAH  
STRESS TEST 4390'  
FALLOFF No. 2



Test No: 1-3  
Gauge No: 10597  
Period No: 10  
Well: #2  
Company: P. G. & E.  
Analyst: STEVE MYERS

# Pressure/Temperature History

**CONFIDENTIAL**

Test No: 1-3  
Gauge No: 10596

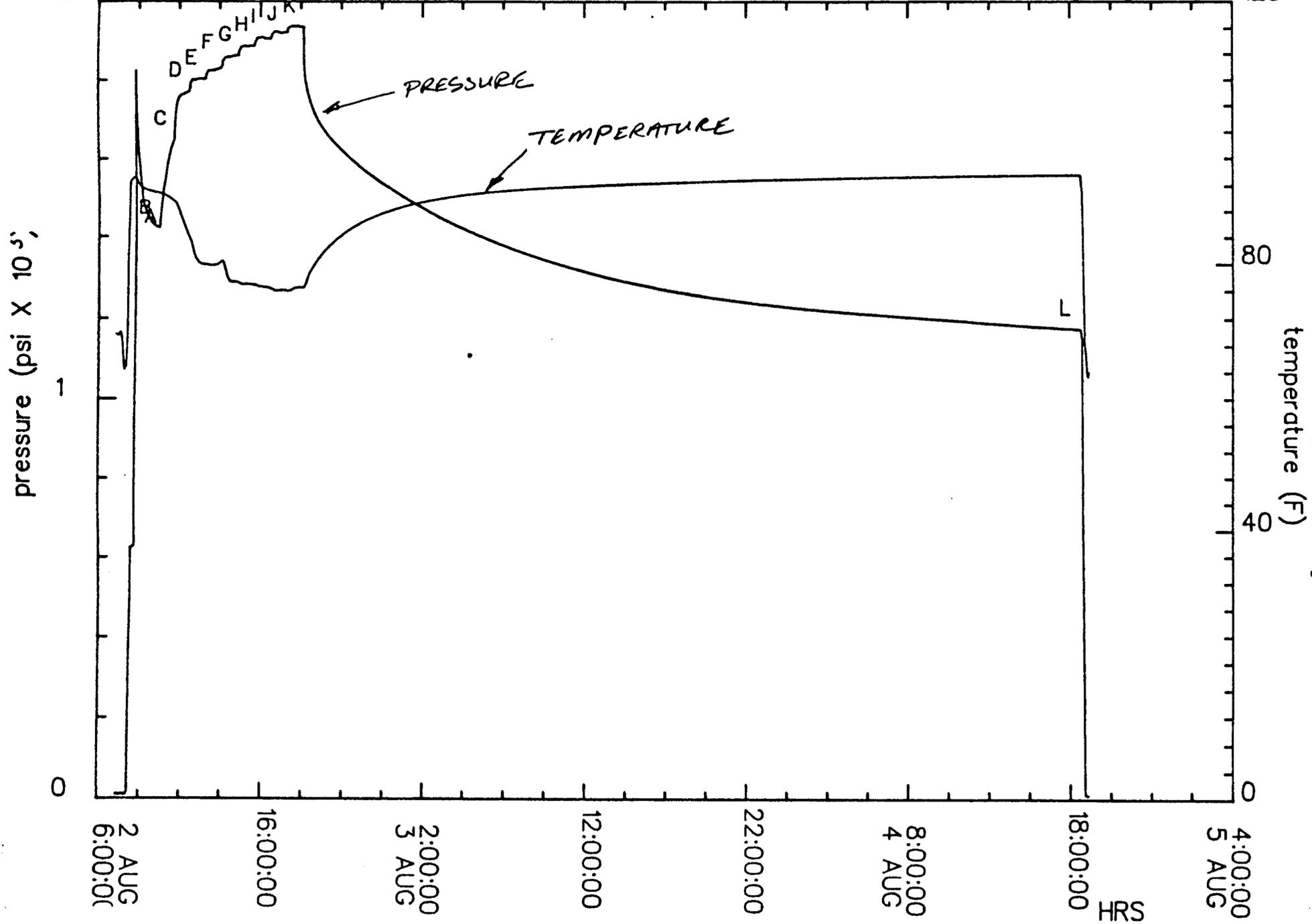
Well No: #2

Company: P. G. & E. 120

Date: 01-AUG-92

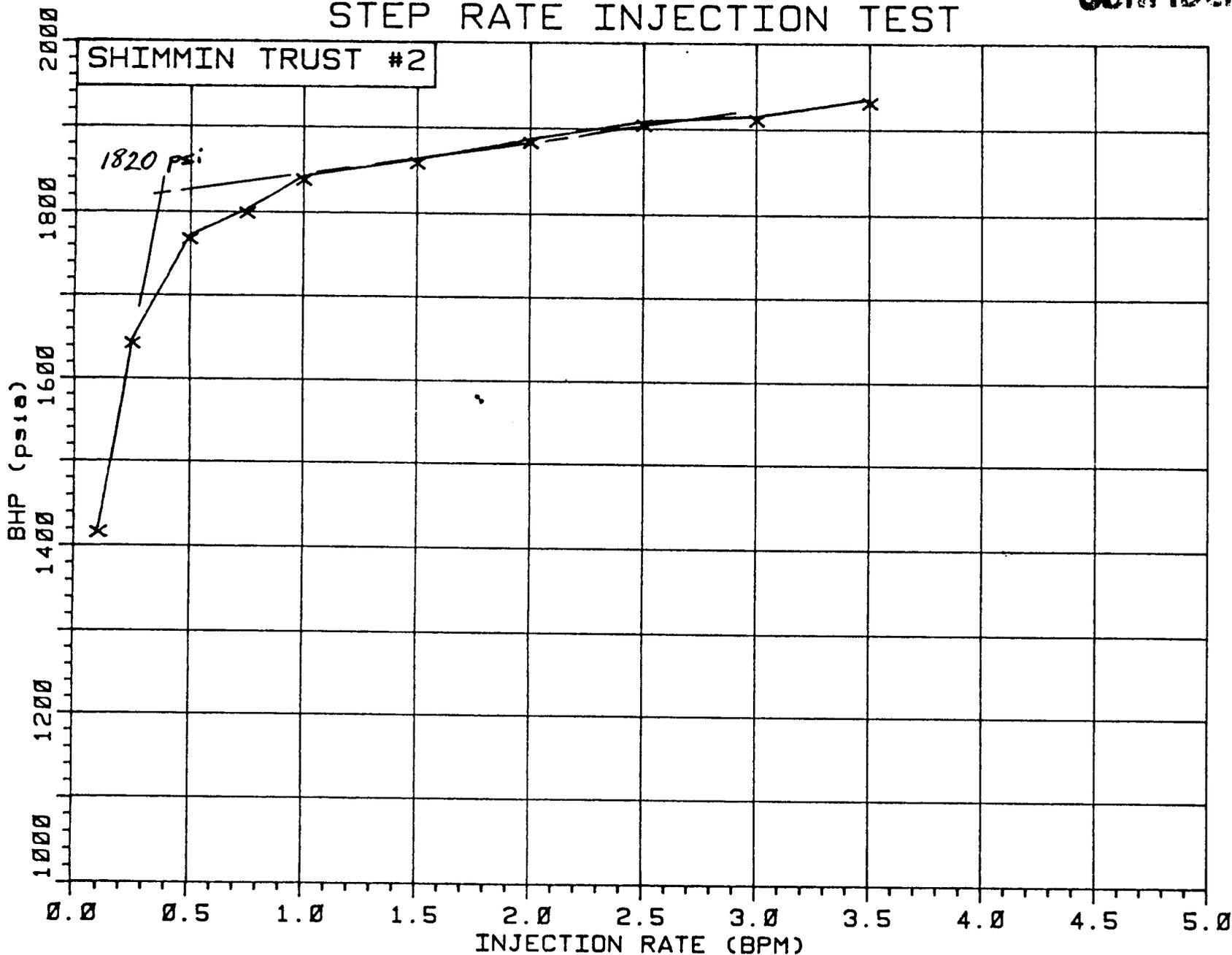
Ticket No: 005117

Page No: 14



PERFS: 4440' - 4528'  
STEP RATE INJECTION TEST

CONFIDENTIAL



Date: 01-AUG-92

Ticket No: 005117

Page No: 1.8

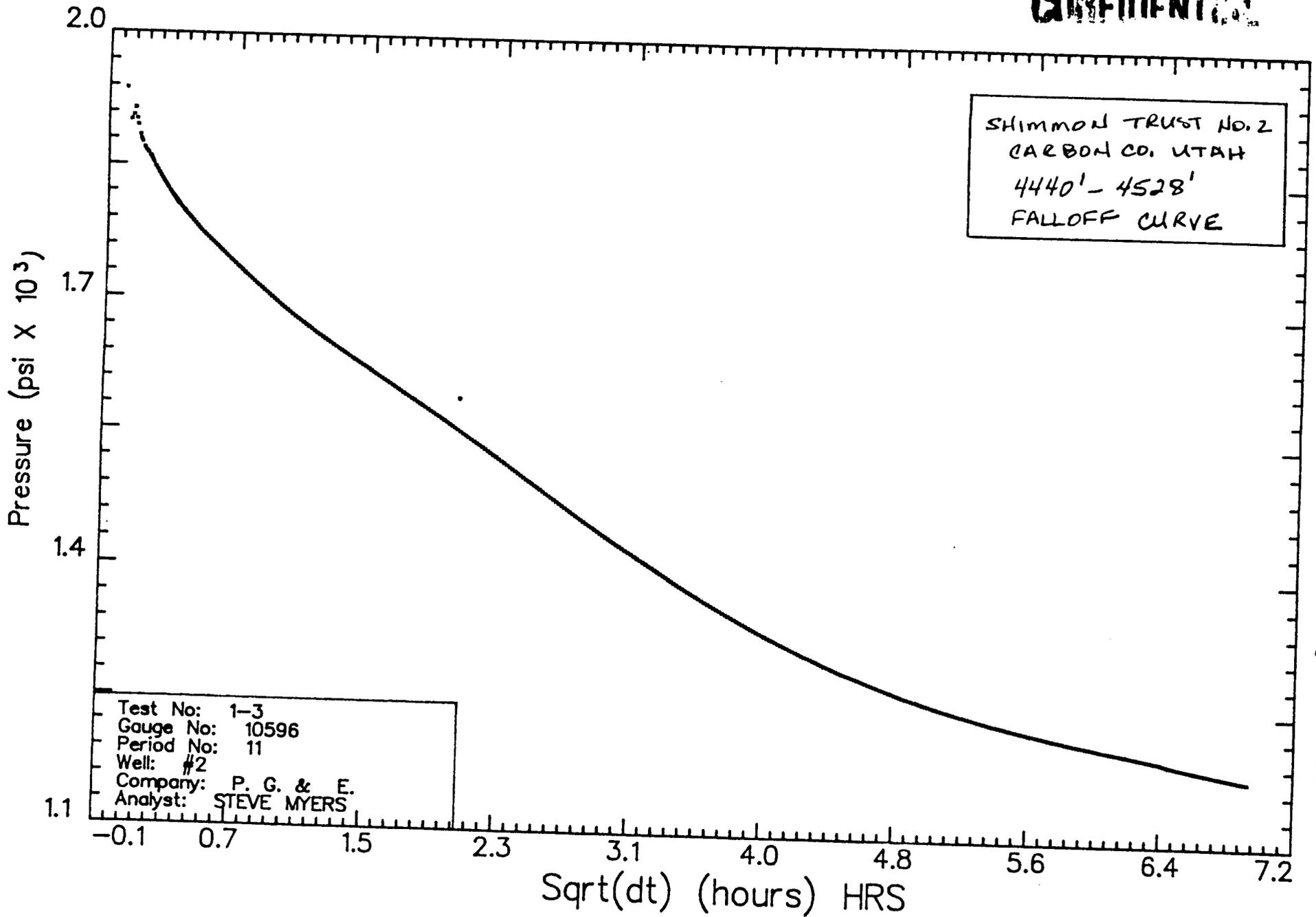
- ADJUST TO MIDPERF 4484'
- BOMB AT 4060'

$$\text{ADD } (4484' - 4060') \times (.433) \times (1.000) = 185 \text{ psi}$$

$$1820 + 185 = 2005 \text{ psia}$$

# Pressure Vs Sqrt(dt)

**CONFIDENTIAL**



Date: 01-AUG-92

Ticket No: 005117

Page No: 2.2.5

LABORATORY REPORT NO. 63647

JULY 28 1992

PACIFIC GAS & ELECTRIC RESOURCES  
SHIMMIN TRUST WELLS

SAMPLED JULY 15 1992

ANALYSES OF 6 WATER SAMPLES INCLUDING ZINC, BORON AND CHROMIUM

SAMPLE #1 (PH = 7.1/21 C)  
SAMPLE #2 (PH = 7.0/24 C)  
SAMPLE #3 (PH = 7.7/19 C)  
SAMPLE #4 (PH = 7.7/17 C)  
SAMPLE #5 (PH = 7.6/23 C)  
SAMPLE RO PERMEATE (PH = 5.3/30 C)



**PETROLEUM LABORATORY  
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401 N.E. 46th Oklahoma City, Ok. 73105-3338  
(405) 528-8255

LABORATORY REPORT NO. 63647

WATER ANALYSIS

PACIFIC GAS & ELECTRIC RESOURCES  
SHIMMIN TRUST WELLS  
SAMPLE #1 (pH = 7.1/21°C)

SAMPLED BY: PG&E  
DATE SAMPLED: 07-15-92  
DATE RUN 07-24-92  
COLOR BEFORE FILTRATION: COLORLESS  
COLOR AFTER FILTRATION: COLORLESS

\*\*\*\*\* CHEMICAL CHARACTERISTICS \*\*\*\*\*

	mg/l
CALCIUM (Ca)	36
MAGNESIUM (Mg)	15.6
SODIUM (Na)	2,660
POTASSIUM (K)	1
BARIUM (Ba)	<1
IRON (Fe)	0.1
SILICA (SiO2)	15
*BICARBONATE (HCO3)	5,490
CARBONATE (CO3)	0
HYDROXIDE (OH)	0
SULFATE (SO4)	1
CHLORIDE (Cl)	1,020

	mg/l		
*P* ALKALINITY (AS CaCO3)	0	RESISTIVITY @ 77 DEG. F.	0.746
*M* ALKALINITY (AS CaCO3)	4,500	SPECIFIC GRAVITY @ 74 DEG. F.	1.010
TOTAL HARDNESS (AS CaCO3)	155	pH VALUE	8.01
TOTAL DISSOLVED SOLIDS	9,225		

NOTES:

ZINC: <0.01  
BORON: 12.2  
CHROMIUM: <0.05  
CANNOT TEST FOR STRONTIUM AT  
PRESENT. WILL BE ABLE TO RUN  
THE TEST IN THE FUTURE.  
\*BICARBONATE as CaCO3: 4500



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LABORATORY REPORT NO. 63647

WATER ANALYSIS

PACIFIC GAS & ELECTRIC RESOURCES  
SHIMMIN TRUST WELLS  
SAMPLE #2 (pH = 7.0/24°C)

SAMPLED BY: PG&E  
DATE SAMPLED: 07-15-92  
DATE RUN 07-24-92  
COLOR BEFORE FILTRATION: COLORLESS  
COLOR AFTER FILTRATION: COLORLESS

\*\*\*\*\* CHEMICAL CHARACTERISTICS \*\*\*\*\*

	mg/l
CALCIUM (Ca)	52
MAGNESIUM (Mg)	7.2
SODIUM (Na)	2,185
POTASSIUM (K)	1
BARIUM (Ba)	<1
IRON (Fe)	0.2
SILICA (SiO2)	13
*BICARBONATE (HCO3)	5,182
CARBONATE (CO3)	0
HYDROXIDE (OH)	0
SULFATE (SO4)	1
CHLORIDE (Cl)	470

	mg/l
*P* ALKALINITY (AS CaCO3)	0
*M* ALKALINITY (AS CaCO3)	4,250
TOTAL HARDNESS (AS CaCO3)	160
TOTAL DISSOLVED SOLIDS	7,900

RESISTIVITY @ 77 DEG. F.	0.873
SPECIFIC GRAVITY @ 74 DEG. F.	1.007
pH VALUE	7.98

NOTES:

ZINC: <0.01  
BORON: 12.0  
CHROMIUM: <0.05  
CANNOT TEST FOR STRONTIUM AT  
PRESENT, WILL BE ABLE TO RUN  
THE TEST IN THE FUTURE.  
\*BICARBONATE as CaCO3: 4250



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LABORATORY REPORT NO. 63647

WATER ANALYSIS

PACIFIC GAS & ELECTRIC RESOURCES  
SHIMMIN TRUST WELLS  
SAMPLE #3 (pH = 7.7/19°C)

SAMPLED BY: FG&E  
DATE SAMPLED: 07-15-92  
DATE RUN 07-24-92  
COLOR BEFORE FILTRATION: COLORLESS  
COLOR AFTER FILTRATION: COLORLESS

\*\*\*\*\* CHEMICAL CHARACTERISTICS \*\*\*\*\*

	mg/l
CALCIUM (Ca)	48
MAGNESIUM (Mg)	7.2
SODIUM (Na)	1,815
POTASSIUM (K)	1
BARIUM (Ba)	<1
IRON (Fe)	0.2
SILICA (SiO2)	15
*BICARBONATE (HCO3)	4,285
CARBONATE (CO3)	0
HYDROXIDE (OH)	0
SULFATE (SO4)	1
CHLORIDE (Cl)	415

	mg/l		
*P* ALKALINITY (AS CaCO3)	0	RESISTIVITY @ 77 DEG. F.	1.020
*M* ALKALINITY (AS CaCO3)	3,515	SPECIFIC GRAVITY @ 74 DEG. F.	1.008
TOTAL HARDNESS (AS CaCO3)	150	pH VALUE	6.29
TOTAL DISSOLVED SOLIDS	6,575		

NOTES:

ZINC: <0.01  
BORON: 6.5  
CHROMIUM: <0.05  
CANNOT TEST FOR STRONTIUM AT  
PRESENT. WILL BE ABLE TO RUN  
THE TEST IN THE FUTURE.  
\*BICARBONATE as CaCO3: 3515



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LABORATORY REPORT NO. 63647

WATER ANALYSIS

PACIFIC GAS & ELECTRIC RESOURCES  
SHIMMIN TRUST WELLS  
SAMPLE #4 (pH = 7.7/17°C)

SAMPLED BY: FG&E  
DATE SAMPLED: 07-15-92  
DATE RUN 07-24-92  
COLOR BEFORE FILTRATION: COLORLESS  
COLOR AFTER FILTRATION: COLORLESS

\*\*\*\*\* CHEMICAL CHARACTERISTICS \*\*\*\*\*

	mg/l
CALCIUM (Ca)	32
MAGNESIUM (Mg)	9.6
SODIUM (Na)	2,415
POTASSIUM (K)	1
BARIUM (Ba)	<1
IRON (Fe)	0.5
SILICA (SiO2)	14
*BICARBONATE (HCO3)	5,427
CARBONATE (CO3)	0
HYDROXIDE (OH)	0
SULFATE (SO4)	1
CHLORIDE (Cl)	650

	mg/l		
-----			
*P* ALKALINITY (AS CaCO3)	0	RESISTIVITY @ 77 DEG. F.	0.796
*M* ALKALINITY (AS CaCO3)	4,450	SPECIFIC GRAVITY @ 74 DEG. F.	1.009
TOTAL HARDNESS (AS CaCO3)	120	pH VALUE	8.26
TOTAL DISSOLVED SOLIDS	8,535		

NOTES:

ZINC: <0.01  
BORON: 10.5  
CHROMIUM: <0.05  
CANNOT TEST FOR STRONTIUM AT  
PRESENT, WILL BE ABLE TO RUN  
THE TEST IN THE FUTURE.  
\*BICARBONATE as CaCO3: 4450



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LABORATORY REPORT NO. 63647

WATER ANALYSIS

PACIFIC GAS & ELECTRIC RESOURCES  
SHIMMIN TRUST WELLS  
SAMPLE #5 (PH = 7.6/23°C)

SAMPLED BY: PG&E  
DATE SAMPLED: 07-15-92  
DATE RUN 07-24-92  
COLOR BEFORE FILTRATION: COLORLESS  
COLOR AFTER FILTRATION: COLORLESS

\*\*\*\*\* CHEMICAL CHARACTERISTICS \*\*\*\*\*

	mg/l
CALCIUM (Ca)	28
MAGNESIUM (Mg)	3
SODIUM (Na)	2,195
POTASSIUM (K)	1
BARIUM (Ba)	<1
IRON (Fe)	0.6
SILICA (SiO2)	13
*BICARBONATE (HCO3)	4,780
CARBONATE (CO3)	0
HYDROXIDE (OH)	0
SULFATE (SO4)	1
CHLORIDE (Cl)	675

	mg/l		
*P* ALKALINITY (AS CaCO3)	0	RESISTIVITY @ 77 DEG. F.	0.847
*M* ALKALINITY (AS CaCO3)	3,920	SPECIFIC GRAVITY @ 74 DEG. F.	1.009
TOTAL HARDNESS (AS CaCO3)	104	PH VALUE	8.36
TOTAL DISSOLVED SOLIDS	7,690		

NOTES:

ZINC: <0.01  
BORON: 6.0  
CHROMIUM: <0.05  
CANNOT TEST FOR STRONTIUM AT  
PRESENT. WILL BE ABLE TO RUN  
THE TEST IN THE FUTURE.  
\*BICARBONATE as CaCO3: 3920



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LABORATORY REPORT NO. 63647

WATER ANALYSIS

PACIFIC GAS & ELECTRIC RESOURCES  
SHIMMIN TRUST WELLS  
SAMPLE RO PERMEATE (pH = 5.3/30°C)

SAMPLED BY: PG&E  
DATE SAMPLED: 07-15-92  
DATE RUN 07-24-92  
COLOR BEFORE FILTRATION: COLORLESS  
COLOR AFTER FILTRATION: COLORLESS

\*\*\*\*\* CHEMICAL CHARACTERISTICS \*\*\*\*\*

	mg/l
CALCIUM (Ca)	2
MAGNESIUM (Mg)	0.8
SODIUM (Na)	35
POTASSIUM (K)	<1
BARIUM (Ba)	<1
IRON (Fe)	<0.1
SILICA (SiO2)	8
*BICARBONATE (HCO3)	43
CARBONATE (CO3)	0
HYDROXIDE (OH)	0
SULFATE (SO4)	1
CHLORIDE (Cl)	35

	mg/l
	-----
*P* ALKALINITY (AS CaCO3)	0
*M* ALKALINITY (AS CaCO3)	35
TOTAL HARDNESS (AS CaCO3)	8
TOTAL DISSOLVED SOLIDS	117

RESISTIVITY @ 77 DEG. F.	41.670
SPECIFIC GRAVITY @ 74 DEG. F.	1.000
pH VALUE	6.01

NOTES: CHROMIUM: <0.05  
ZINC: <0.01  
BORON: 1.2  
CANNOT TEST FOR STRONTIUM AT  
PRESENT, WILL BE ABLE TO RUN  
THE TEST IN THE FUTURE.  
\*BICARBONATE as CaCO3: 35



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PACIFIC GAS & ELECTRIC RESOURCES

FOLLOWING ARE THE METHOD NUMBERS AND DETECTION LIMITS FOR EACH OF THE PARAMETER TESTED

<u>PARAMETER</u>	<u>METHOD</u>	<u>DETECTION LIMIT (MG/L)</u>
pH	*4500-H <sup>+</sup> -B	0.1 UNIT
BICARBONATES (HCO <sub>3</sub> )	2320-B	1.0
CARBONATE (CO <sub>3</sub> )	2320-B	1.0
ALKALINITY	310.1	1.0
CALCIUM	EPA 215.1	0.01
MAGNESIUM	EPA 242.1	0.001
POTASSIUM	EPA 258.1	0.01
SODIUM	EPA 273.1	0.002
TDS	*2540-C	1.0
IRON	236.1	0.03
SILICA	*4500-Si-E	0.1
BARIUM	208.1	0.1
BORON	*4500-B-C	0.1
CHROMIUM	EPA-218.1	0.05
ZINC	EPA 289.1	0.005

\*STANDARD METHODS OF WATER AND WASTEWATER (17th EDITION)



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LABORATORY REPORT NO. 63953

AUGUST 28, 1992

PACIFIC GAS & ELECTRIC RESOURCES

ANALYSES OF (A) 6 WATER SAMPLES FOR STRONTIUM ANALYSIS

SHIMMIN TRUST WELLS  
(07-15-92)

ANALYSIS: (RESULTS IN MG/L)

<u>SAMPLE</u>	<u>STRONTIUM</u>
(1) PG&ER (RO PERMEATE)	<0.1
(2) PG&ER #1	0.80
(3) PG&ER #2	0.68
(4) PG&ER #3	1.04
(5) PG&ER #4	0.97
(6) PG&ER #5	1.03

ANALYSES OF (B) 2 WATER SAMPLES

SHIMMIN TRUST #2  
(08-02-92)

ANALYSIS: (RESULTS IN MG/L)

<u>SAMPLE</u>	<u>STRONTIUM</u>
(1) INJECTED WATER (TANKS COMINGLED 2 BBLs/m)	0.70
(2) SWAB SAMPLE	0.90

NOTE: METHOD EPA 7780

LABORATORY REPORT NO. 64512

OCTOBER 28, 1992

PACIFIC GAS & ELECTRIC RESOURCES  
CASTLEGATE PROSPECT

SAMPLED OCTOBER 1992: SAMPLES RECEIVED AT OILAB, OCTOBER 26, 1992

ANALYSES OF 2 WATER SAMPLES INCLUDING BORON, ZINC, CHROMIUM, AND STRONTIUM

JENSEN 9-10

INJECTION WATER

JENSEN 9-10

SWAB SAMPLE

1 - WAYNE SUTTON - DALLAS, TX



PETROLEUM LABORATORY  
AND GAS ENGINEERING

401 N.E. 46th Oklahoma City, Ok. 73105-3338  
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LABORATORY REPORT NO. 64512

WATER ANALYSIS

PACIFIC GAS & ELECTRIC RESOURCES  
CASTLEGATE PROSPECT  
JENSEN 9-10  
STATION NO. INJECTION WATER  
VERNAL, UTAH

SAMPLED BY: PG&ER  
DATE SAMPLED: 10-00-92  
DATE RUN 10-26-92  
COLOR BEFORE FILTRATION: COLORLESS  
COLOR AFTER FILTRATION: COLORLESS

\*\*\*\*\* CHEMICAL CHARACTERISTICS \*\*\*\*\*

	mg/l
CALCIUM (Ca)	18
MAGNESIUM (Mg)	13
SODIUM (Na)	2,460
POTASSIUM (K)	3
BARIUM (Ba)	<1
IRON (Fe)	0.3
SILICA (SiO2)	11
*BICARBONATE (HCO3)	4,475
CARBONATE (CO3)	0
HYDROXIDE (OH)	0
SULFATE (SO4)	115
CHLORIDE (Cl)	1,165

	mg/l		
*P* ALKALINITY (AS CaCO3)	0	RESISTIVITY @ 77 DEG. F.	0.869
*M* ALKALINITY (AS CaCO3)	3,670	SPECIFIC GRAVITY @ 75 DEG. F.	1.010
TOTAL HARDNESS (AS CaCO3)	96	pH VALUE	8.28
TOTAL DISSOLVED SOLIDS	8,250		

NOTES:

DATE RECEIVED: 10-26-92  
BORON (MG/L): 9.2  
ZINC (MG/L): 0.02  
CHROMIUM (MG/L): <0.05  
STRONTIUM (MG/L): 0.88  
THIS WATER WILL BE COMPATIBLE  
WITH THE "SWAB" SAMPLE  
\*BICARBONATE as CaCO3: 3670



PETROLEUM LABORATORY  
AND GAS ENGINEERING

401 N.E. 46th Oklahoma City, Ok. 73105-3338

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LABORATORY REPORT NO. 64512

WATER ANALYSIS

PACIFIC GAS & ELECTRIC RESOURCES  
CASTLEGATE PROSPECT  
JENSEN 9-10  
STATION NO. SWAB SAMPLE  
VERNAL, UTAH

SAMPLED BY: PG&ER  
DATE SAMPLED: 10-00-92  
DATE RUN 10-26-92  
COLOR BEFORE FILTRATION: LIGHT BROWN  
COLOR AFTER FILTRATION: LIGHT YELLOW

\*\*\*\*\* CHEMICAL CHARACTERISTICS \*\*\*\*\*

	mg/l
CALCIUM (Ca)	10
MAGNESIUM (Mg)	6
SODIUM (Na)	3,860
POTASSIUM (K)	2
BARIIUM (Ba)	<1
IRON (Fe)	0.4
SILICA (SiO2)	10
*BICARBONATE (HCO3)	2,122
**CARBONATE (CO3)	1,628
HYDROXIDE (OH)	0
SULFATE (SO4)	280
CHLORIDE (Cl)	2,610

	mg/l
"P" ALKALINITY (AS CaCO3)	1,360
"M" ALKALINITY (AS CaCO3)	3,100
TOTAL HARDNESS (AS CaCO3)	50
TOTAL DISSOLVED SOLIDS	10,520

RESISTIVITY @ 77 DEG. F.	0.645
SPECIFIC GRAVITY @ 75 DEG. F.	1.014
pH VALUE	10.32

NOTES:

DATE RECEIVED: 10-26-92  
BORON (MG/L): 4.6  
THIS WATER WILL BE COMPATIBLE  
WITH THE "INJECTION" WATER  
\*BICARBONATE as CaCO3: 1740  
\*\*CARBONATE as CaCO3: 2720  
ZINC (MG/L): 0.07  
CHROMIUM (MG/L): <0.05  
STRONTIUM (MG/L): 0.48

January 29, 1993

James T., Jerry J. & Dix Jensen  
c/o Jensen Law Offices  
190 North Carbon Avenue  
Price, Utah 84501

RE: UIC Form 1 Application  
Shimmin Trust #11-11  
Castlegate CBM Project  
Carbon County, Utah

Gentlemen:

In compliance with the requirement of R615-5-2(2.12) of the State of Utah - Department of Natural Resources - Division of Oil, Gas and Mining - Underground Injection Control regulations, which requires that a copy of UIC Form 1 be provided to all surface owners within a one-half mile radius of the proposed disposal well, please find attached a copy of the UIC Form 1 application to dispose salt water into the referenced well.

If you have any questions, please contact the undersigned at (214) 750-3988.

Sincerely,



Jim LaFevers  
Supervisor,  
Regulatory Affairs

JBL/mp

Enclosure



January 29, 1993

Mona L. Marsing  
4300 East 8900 South  
Price, Utah 84501

RE: UIC Form 1 Application  
Shimmin Trust #11-11  
Castlegate CBM Project  
Carbon County, Utah

Madam:

In compliance with the requirement of R615-5-2(2.12) of the State of Utah - Department of Natural Resources - Division of Oil, Gas and Mining - Underground Injection Control regulations, which requires that a copy of UIC Form 1 be provided to all surface owners within a one-half mile radius of the proposed disposal well, please find attached a copy of the UIC Form 1 application to dispose salt water into the referenced well.

If you have any questions, please contact the undersigned at (214) 750-3988.

Sincerely,



Jim LaFevers  
Supervisor,  
Regulatory Affairs

JBL/mp

Enclosure





STAT 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  NA
8. Unit or Communization Agreement  NA
9. Well Name and Number Shimmin Trust 11-11
10. API Well Number 43-007-30166
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 <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 : 2313' FSL & 1501' FWL     County : Carbon QQ. Sec, T., R., M. : NE/4 SW/4 Sec. 11, 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>	

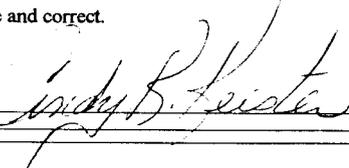
Date of Work Completion \_\_\_\_\_ 03/07/1994

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 Shimmin Trust 11-11 is producing at an estimated rate of 7 MCFD & 548 BWPD on pump.

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

Name & Signature Cindy R. 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,

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

Enclosures (33)

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

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Shimmin Trust 11-11  
Field or Unit name: Wildcat API no. 43-007-30166  
Well location: QQ NE SW section 11 township 12S range 10E county Carbon  
Effective Date of Transfer: August 1, 1994

CURRENT OPERATOR

Transfer approved by:

Name Rejahna Barrow Company PG&E Resources Company  
Signature *Rejahna Barrow* Address 6688 N. Central Expwy, Suite 1000  
Title Sr. Proration Analyst Dallas, Texas 75206  
Date August 1, 1994 Phone ( 214 ) 750-3800

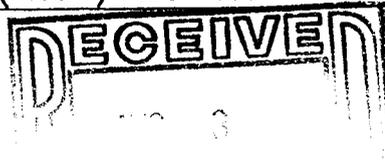
Comments:

NEW OPERATOR

Transfer approved by:

Name L. Steve Hamilton Company Anadarko Petroleum Corporation  
Signature *L. Steve Hamilton* Address 9400 N. Broadway, Suite 700  
Title Division Administrative Manager Oklahoma City, Oklahoma 73114  
Date August 1, 1994 Phone ( 405 ) 475-7000

Comments:



(State use only)

Transfer approved by *A. Hunt* Title *Area Manager*  
Approval Date 8-10-94

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

**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

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

9. Well Name and Number

Shimmin Trust 11-11

10. API Well Number

43-007-30166

11. Field and Pool, or Wildcat

Wildcat

1. Type of Well

Oil Well     Gas Well     Other (specify) SWD

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 : 2313' FSL & 1501' FWL  
OO, Sec. T., R., M. : NE/4 SW/4, Sec. 11, 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: Rajana Barrow, Sr. Proration Analyst, August 1, 1994

DATE: Aug 11, 1994

BY: Lise Cordova

AUG - 8 1994

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)

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

**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
7. Indian Allottee or Tribe Name N/A
8. Unit or Communitization Agreement N/A
9. Well Name and Number Shimmin Trust 11-11
10. API Well Number 43-007-30166
11. Field and Pool, or Wildcat Wildcat

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 : 2313' FSL & 1501' FWL  
 County : Carbon  
 State : UTAH  
 QQ, Sec, T., R., M. : NE/4 SW/4, Sec. 11, T12S, R10E

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

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 type="checkbox"/> Other _____	

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.)

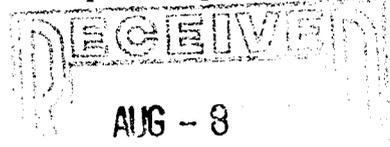
Please be advised that PG&E Resources Company is hereby transferring operations and Anadarko Petroleum Corporation is hereby assuming operations and will be responsible for the above described well effective as of August 1, 1994.

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: Lisha Cordova, Sr. Proration Analyst, August 1, 1994

DATE: Aug. 11, 1994  
BY: Lisha 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  
 DIVISION OF OIL, GAS AND MINING  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N0595

REPORT PERIOD (MONTH/YEAR): 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)	
JENSEN 7-15 ✓	4300730165 ✓	11407	12S 10E 15	MVDCL			- FEE			
SHIMMIN TRUST 11-11	4300730166 ✓	11410	12S 10E 11	MVDCL			- (Dual Compl / A150 WDW)		- FEE	
JENSEN 16-9	4300730163 ✓	11418	12S 10E 9	MVDCL			- FEE			
SHIMMIN TRUST 12-12	4300730168 ✓	11420	12S 10E 12	MVDCL			- FEE			
JENSEN 11-15 ✓	4300730175 ✓	11425	12S 10E 15	MVDCL			- FEE			
SHIMMIN TRUST 14-12	4300730169 ✓	11432	12S 10E 12	MVDCL			- FEE			
FEDERAL 14-13	4300730177	11434	12S 10E 13	MVDCL			- UTU 65949			
FEDERAL 16-14	4300730174	11435	12S 10E 14	MVDCL			- UTU 65949			
FEDERAL 14-14	4300730173	11436	12S 10E 14	MVDCL			- UTU 65949			
FEDERAL 16-15	4300730176	11440	12S 10E 15	MVDCL			- UTU 65949			
FEDERAL 13-24B	4304732418	11507	09S 19E 24	GRRV						
FEDERAL 15-24B	4304732420	11509	09S 19E 24	GRRV						
FEDERAL 5-24B	4304732447	11585	09S 19E 24	GRRV						
Shimmin Trust 10-11	4300730167 ✓	99990	12S 10E 11	MVDCL			- FEE / WDW			
<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**  
 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

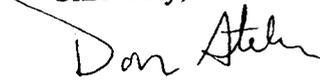
Rule R.649-2-10 of the Utah Oil and Gas Conservation General Rules, requires that the owner of a lease provide notification to any person with an interest in such lease (working interest or royalty interest), when all or part of that interest in the lease is sold or transferred.



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,

A handwritten signature in black ink that reads "Don Staley". The signature is written in a cursive style with a long horizontal stroke extending to the left.

Don Staley  
Administrative Manager  
Oil and Gas

ldc  
cc: R.J. Firth  
WOI201

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

Routing:

1 <del>REC</del> / <del>12-14</del>
2 LWP 7-PL ✓
3 <del>BT</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>007-30166</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.

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. Surety # 224351 / \$80,000 "See board Surety Company"
2. A copy of this form has been placed in the new and former operators' bond files.
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) Today's date Aug. 8, 1994. If yes, division response was made by letter dated     19   .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- OTS 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 8/19 1994, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. by 9/2/94
- OTS 2. Copies of documents have been sent to State Lands for changes involving State leases. 8/15/94 to Ed Bonner

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: August 23 1994.

FILING

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

COMMENTS

940809 Trust Lands / Ed Bonner (state 2-16 & 9-16 / ml-444437 Anadarko bonding in place.  
\* Federal lease wells on separate chg. This change Fee, State, WDW only.

ANADARKO PETROLEUM CORPORATION

9400 NORTH BROADWAY  
SUITE 700  
(405) 475-7000  
FAX (405) 475-6356 OR 6356

OKLAHOMA CITY, OKLAHOMA 73114



FAX COVER SHEET

DATE: 10/11/94

TO: Frank Matthews

FAX # 801-359-3940

RE: \_\_\_\_\_

NO. OF PAGES (INCLUDING COVER SHEET) \_\_\_\_\_

SPECIAL HANDLING INSTRUCTIONS/COMMENTS: As we discussed,  
these sundries will be sent to you with  
normal distribution. The rig is on the Jensen  
9-10. Let me know if you need more info. Thanks!

FROM: Bill Swamy  
PRODUCTION DEPARTMENT  
FAX # 405-475-6356

TRANSMITTED BY: \_\_\_\_\_ DATE/TIME: \_\_\_\_\_  
IF ANY PROBLEM RECEIVING THIS TRANSMITTAL, CALL 405-475-7000.

FORM 9

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		5. Lease Designation and Serial Number Fee
2. Name of Operator: Anadarko Petroleum Corporation		6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: 9400 N. Broadway, Ste. 700, Oklahoma City, OK 73114 405-475-7000		7. Unit Agreement Name: N/A
4. Location of Well Footages: 2313' FSL & 1501' FWL QQ. Sec., T., R., M.: NE/4 SW/4 Sec. 11-T12S-R10E		8. Well Name and Number: Shimmin Trust 11-11
		9. API Well Number: 43-007-30166
		10. Field and Pool, or Wildcat: Wildcat
		County: Carbon
		State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other <u>Convert to production &amp; commingle</u>	<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start <u>10/11/94</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.

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.)

This well is currently completed as a dual injector/producer with injection into the Spring Canyon formation (4745-4869) and production from the Blackhawk Coal formation (4180-4588). The two zones are separated by a retrievable packer (see attached well bore diagram). Testing completed by the prior operator and the Exxon Chemical Co. indicated wide spread communication between the Spring Canyon injection interval and at least the lower members of the Blackhawk Coal formation. This communication is not believed to be well bore related. As a result, produced water is no longer disposed in the Spring Canyon and this dual connection is not necessary.

Anadarko would like to remove the isolating packer and commingle water production from both zones in an attempt to determine if the apparent communication between the zones can be used to accelerate dewatering of the Blackhawk Coals. Water that is produced from both zones would be disposed in the Shimmin Trust 10-11, Sec 11 T12S-R10E (UIC #146). If favorable responses in offsetting wells are not observed within a six month trial period, the Spring Canyon zone will be plugged back and the well will be produced from only the Blackhawk Coal perforations.

13. Name & Signature: Bill Savage Bill Savage Title: Senior Prod. Engr. Date: \_\_\_\_\_

(This space for State use only)

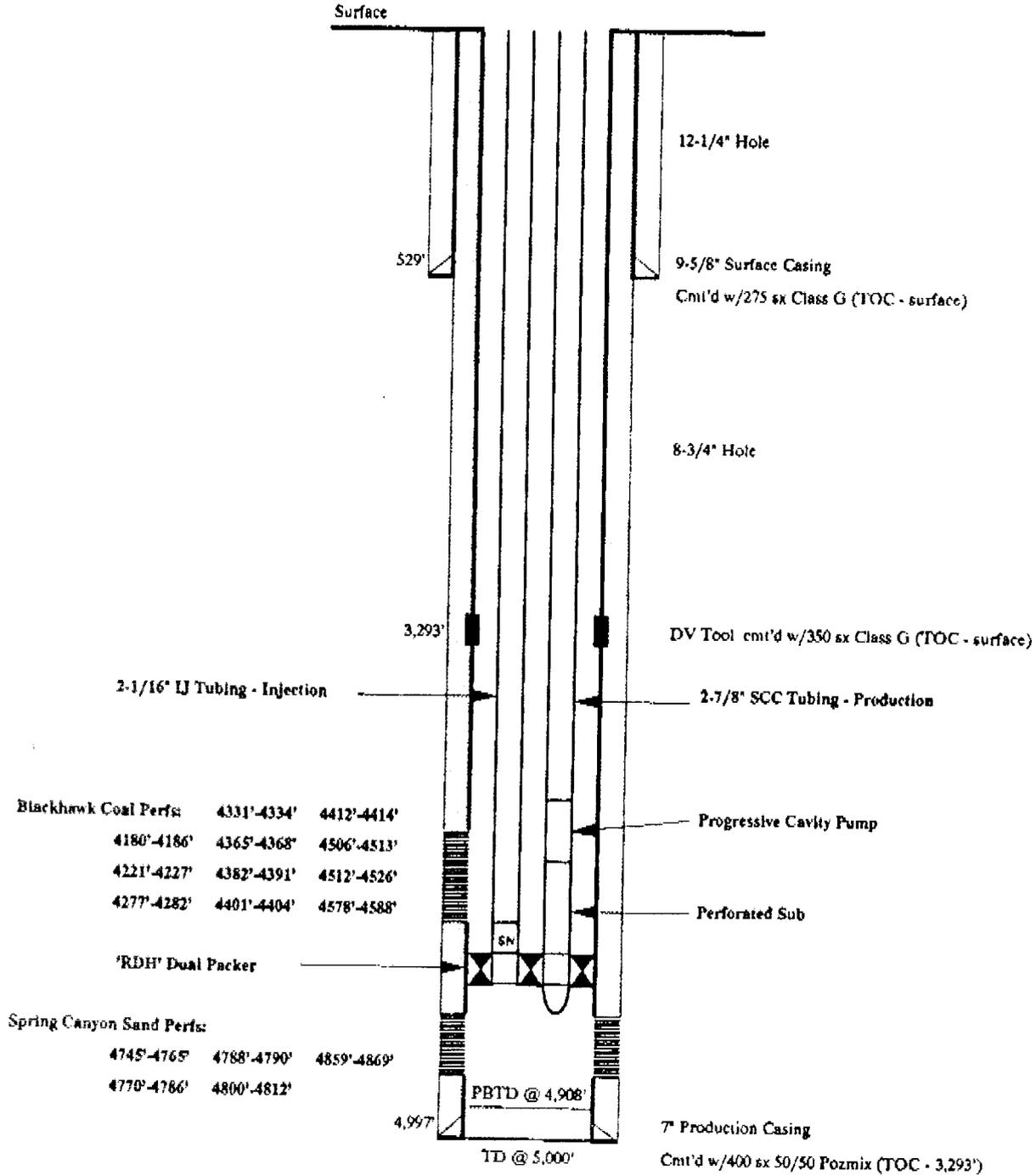
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 10/13/94  
BY: J.M. Matthews

SHTR1111.WBD

**SHIMMIN TRUST NO. 11-11**

Castlegate Field  
Carbon County, Utah

Sec 11-T12S-R10E



FORM 9

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		5. Lease Designation and Serial Number: Fee
2. Name of Operator: Anadarko Petroleum Corporation		6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: 9400 N. Broadway, Ste. 700, Oklahoma City, OK 73114 405-475-7000		7. Unit Agreement Name: N/A
4. Location of Well Footages: 2313' FSL & 1501' FWL QQ, Sec., T., R., M.: NE/4 SW/4 Sec. 11-T12S-R10E		8. Well Name and Number: Shimmin Trust 11-11
		9. API Well Number: 43-007-30166
		10. Field and Pool, or Wildcat: Wildcat
		County: Carbon
		State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other <u>Convert to production &amp; commingle</u>	<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start <u>10/11/94</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.

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13.  
Name & Signature: Bill Savage Title: Senior Prod. Engr. Date: 10/11/94

(This space for State use only)

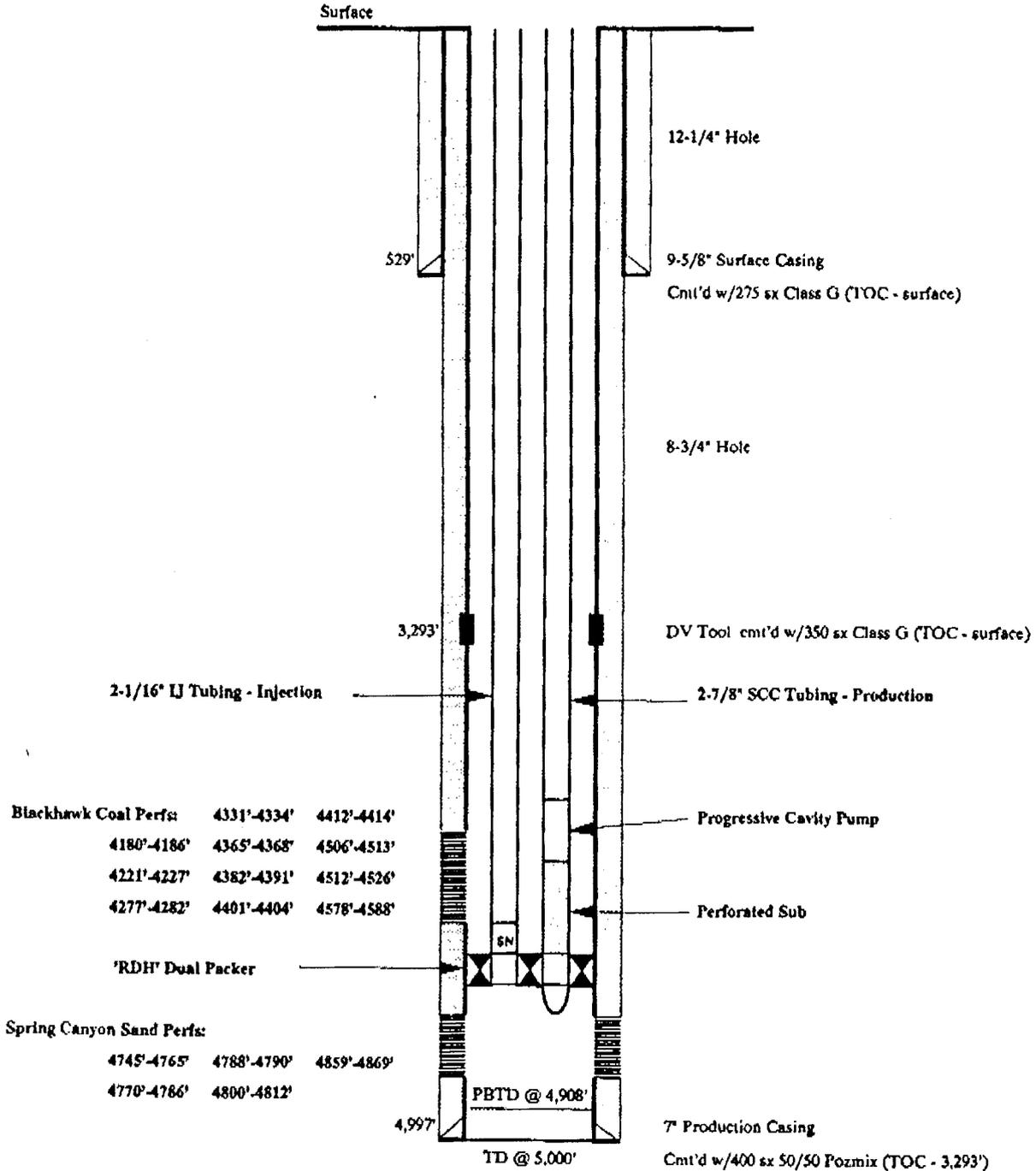
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 10/11/94  
BY: [Signature]

SHTR1111.WBD

### SHIMMIN TRUST NO. 11-11

Castlegate Field  
Carbon County, Utah

Sec 11-T12S-R10E



RECEIVED  
MAY 18 1995

5. Lease Designation and Serial Number:  
FEE  
6. If Indian, Allottee or Tribe Name:  
N/A  
7. Unit Agreement Name:  
N/A  
8. Well Name and Number:  
Shimmin Trust 11-11  
9. API Well Number:  
43-007-30166  
10. Field and Pool, or Wildcat:  
Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS & MINING

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

1. Type of Well: OIL  GAS  OTHER: COALBED METHANE

2. Name of Operator: Anadarko Petroleum Corporation

3. Address and Telephone Number:  
9400 N. Broadway, Ste. 700 Oklahoma City, OK 73110 (405) 475-7000

4. Location of Well 2313' FSL & 1504' FWL  
Footages:  
QQ, Sec., T., R., M.: NE/4 SW/4 Sec. 11-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)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other \_\_\_\_\_
- 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 CONVERTED TO PRODUCER & COMMINGLE
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion 10/30/94

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

\* Must be accompanied by a cement verification report.

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

1. Remove dual hanger, Release Packer
2. Set 2-7/8" TRICO tbg anchor w/50000# shear, XO 240-6000 stator EOT 4807'
3. Put on Production

13.

Name & Signature: Bill Savage W.A. SAVAGE Title: SR. PROD. ENGR. Date: 5/12/95

(This space for State use only)





JOB LC 4239-5

TICKET # E-18982	TICKET DATE 6-26-98
BDA / STATE UTAH	COUNTY CANEW
PSL DEPARTMENT 5001	CUSTOMER REP / PHONE Richard Dietz 43-007-30166
API/DWI # 115	JOB PURPOSE CODE 115

REGION North America	NWA/COUNTRY RMNWA
MBU ID / EMP # U0108 C1986	EMPLOYEE NAME CARL W PARRACK
LOCATION 055685	COMPANY ANADARKO
TICKET AMOUNT	WELL TYPE 02
WELL LOCATION Castle Gate	DEPARTMENT 5001
LEASE / WELL # Shimoda Trust 11-11	SEC / TWP / RNG S-11 T-12s R-10E

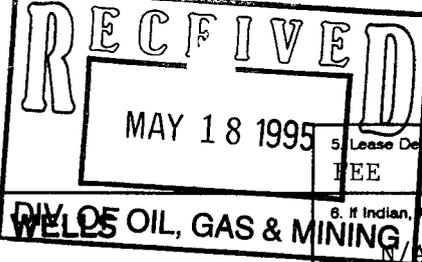
| HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS |
|--|--|--|--|
| C PARRACK C1986 9                      | A Leigh J3410 9                        |  |  |
| M HARTY H2051 9                        |  |  |  |

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
6-25	11:15							ON Location safely setup
	11:45							safely with all personal on location
	11:55							Coil Tubing start in hole
	12:20	1	0			2750		Start to Fill Hole CIBP@ 3990'
	12:34	1	14			2800		End
	13:10	1	0			2500		Start cement @ 15.6" 1.18 p³ 5.2 gal 14 sks
			3					End
	13:13	1	0			3200		Start Poz @ 9" 2.7 p³ 54 gal 26 sks
			36					End
	13:49	.5	0			1500		Start cement @ 15.6" 1.18 p³ 5.2 gal 19 sks
			4					End 2983'
	13:57	.25	0			325		Start displace at
			7					
	14:15	.5				1500		Change Rate
	14:34		15			1000		End displace Back to Tag 6-26-98
6-26	7:00							on location safely with hands
	7:10							safely with all ad loc
	7:30							Coil Tubing start in hole to Tag
	7:50	.3	0			350		Start pumping Fresh
	8:15	.3	8			2500		End TAG @ 2822'
	8:32	1	0			2500		Start poz at 9" 2.7 p³ 54 gal 64 sks
	10:00		88					End
	10:00	1	0			2900		Start cement @ 15.6" 1.18 p³ 5.2 gal 9 sks
			2					End 554'
	10:02	1	0			3700		Start Poz @ 9" 2.7 p³ 54 gal 13 sks
			17					End
	10:19	1	0			3750		Start cement @ 15.6" 1.18 p³ 5.2 gal 9 sks
			2					End 50'
	10:21	.5	0			3500		Start Displace with H2O
	10:31		5			700		End Displace cement to surface
								wait to cut Head off
	11:36	.3	0			160		Start pumping cement Run 15' of 1" between 85490'
	11:38					160		End cement to surface
								weld plate on

SGW

Thank  
Carl  
& Crew

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING



SUNDRY NOTICES AND REPORTS ON WELLS OIL, GAS & MINING

5. Lease Designation and Serial Number: EE

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

7. Unit Agreement Name: N/A

8. Well Name and Number: Shimmin Trust 11-11

9. API Well Number: 43-007-30166

10. Field and Pool, or Wildcat: Wildcat

11. Location of Well: 2313' FSL & 1504' FWL  
Footages: \_\_\_\_\_  
County: Carbon

12. Sec., T., R., M.: NE/4 SW/4 Sec. 11-T12S-R10E  
State: Utah

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

1. Type of Well: OIL  GAS  OTHER: COALBED METHANE

2. Name of Operator: Anadarko Petroleum Corporation

3. Address and Telephone Number: 9400 N. Broadway, Ste. 700 Oklahoma City, OK 73110 (405) 475-7000

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other <u>CONVERTED TO PRODUCER &amp; COMMINGLE</u> Date of work completion <u>10/30/94</u> 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.
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	

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.)

1. Remove dual hanger, Release Packer
2. Set 2-7/8" TRICO tbg anchor w/50000# shear, XO 240-6000 stator EOT 4807'
3. Put on Production

13. Name & Signature: Bill Savage W.A. SAVAGE Title: SR. PROD. ENGR. Date: 5/12/95

(This space for State use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

5. Lease Designation and Serial Number

Fee

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Shimmin Trust #11-11

9. API Well Number:

43-007-30166

10. Field and Pool, or Wildcat

Castlegate

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

2. Name of Operator  
Anadarko Petroleum Corporation

3. Address and Telephone Number.  
17001 Northchase Dr., Houston, Texas 77060 (281) 875-1101

4. Location of Well  
Footages: NE SW 2313' FSL & 1501' FWL County: Carbon  
QQ,Sec., T., R., M.: Sec. 11 T12S-R10E 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

Approximate date work will start Early Spring

**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

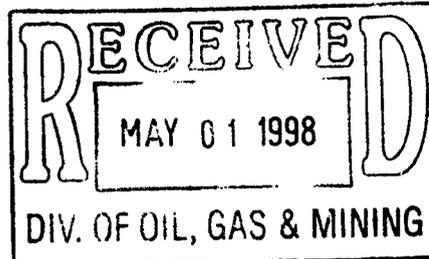
Date of work completion \_\_\_\_\_

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 CHIEF  
OF UTAH DIVISION OF  
OIL, GAS & MINING

DATE: 5-14-98



Petroleum Corporation

## Plugging Procedure

**Shimmin Trust #11-11  
Sec. 11-T12S-R10E 2313' FSL & 1501' FWL  
Carbon County, Utah**

**AFE: 501501  
WI: 100%  
API # 43-007-30166**

### **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 4880. POH w/ GR/JB and pick up CIBP. Trip in hole and set CIBP @ +/- 4100(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 @ +/- 4100.
4. POH to bottom of surface casing @ 529 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: \_\_\_\_\_

Approved: \_\_\_\_\_

Castlegate plugging.doc

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

# SHIMMIN TRUST #11-11

NE SW 2313' FSL & 1501' FWL: SEC 11 T12S-R10E

API NO. 43-007-30166

SPUD RIG OFF

SURFACE 09/05/1992 09/08/1992

PRODUCTION 09/13/1992 09/25/1992

7227 GL 20 KB 7247

12-1/4" Hole  
9-5/8" 36# J-55  
w/275 sxs cmt  
TOC @ Surface

DV Tool  
w/350 sxs cmt

TOC

(Holes)	Perforations
(128)	4118 - 4150
(14)	4180 - 4182
(14)	4184 - 4186
(23)	4222 - 4226
(32)	4276 - 4282
(23)	4330 - 4334
(23)	4364 - 4368
(43)	4382 - 4390
(23)	4400 - 4404
(15)	4412 - 4414
(76)	4420 - 4438
(45)	4506 - 4514
(35)	4520 - 4526
(55)	4578 - 4588
(32)	4594 - 4601
(28)	4610 - 4616
(164)	4745 - 4786
(96)	4788 - 4812
(40)	4859 - 4869
(909)	Total Holes

EOT 4566

FILL 4835

8-3/4" Hole 4905

7", 26&29# N-80 4997

w/400 sxs cmt

TD 5000

## WELL WORK HISTORY

07/14/1993	F/4506-4588 w/69M GAL XL CMHEC, 40M# 100 MESH, 31M# 16/30, 19M# 16/30 RC
07/18/1993	RF/4506-4588 w/67M GAL XL CMHEC, 39M# 100 MESH, 64M# 16/30, 42M# 16/30 RC
07/22/1993	F/4180-4414 w/67M GAL XL CMHEC, 36M# 100 MESH, 59M# 16/30, 42M# 16/30 RC
10/13/1993	COMPLETE AS DUAL 2-1/16" SPRNG CNYN INJ & 2-7/8" BLKHWK PROD
10/30/1994	CNVRT TO SINGLE PROD w/ ALL ZONES OPEN. HPC 175 PMP, TFF @ 4900
12/21/1994	RTR BROKE, STATOR SWOLLEN, TFF @ 4900
02/23/1995	FLUSHED w/40 BBL PROD WTR
03/23/1995	PRTD TBG. REPERF BLKHWK, PERF KENIL & ABERD, ACD SAME. TFF @ 4900
05/19/1995	C/O ROTOR TO STANDARD, 2 BAD RODS
05/31/1995	INSP TBG (DIALOG), PRTD TBG, TFF @ 4890
06/10/1995	STATOR FAILURE, RUN NEW HPC 175 PMP
08/22/1995	TUBING BACKED OFF; 1/4" CaCO3 SCALE
09/06/1995	PARTED ROTOR; CO 3-1/2" JT
12/07/1995	PARTED ROTOR. PERF SANDS, ACIDIZE & INSTALL ESPCP.
10/01/1996	PRTD ESPCP FLEX-SHAFT; SOFT SCALE
12/11/1996	REPLACE ESPCP; CENTRILIFT ERROR; TFF @ 4835'
NOTES:	TIGHT SPOT @ 4590'; SWAGE OUT TO 6.06"

## 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	

## DEVIATION ANGLE

630	1.5
1020	2
1515	2
2050	3
2509	2.8
3040	3.5
3233	3.8
3740	5.5
4734	6.3

## FORMATION

FORMATION	TOP
PRICE RIVER	2933
CASTLEGATE	3398
BLACKHAWK	3698
KENILWORTH	4415
ABERDEEN	4610
SPRING CANYON	4745

LAST REVISED: 04/30/1998

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

Attachment to **Sundry Notice and Report on Wells**  
dated February 17, 1998.

Subject: Request of Anadarko Petroleum Corporation for  
permission to plug and abandon the Shimmin Trust  
# 11-11

NW/NE, sec. 11, T12S R10E, Carbon, County  
API = 43-007-30166

**Conditions of Approval:**

1. An additional 100 foot plug will be centered across the top of the Price River disposal zone.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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1. Type of Well: OIL  GAS  OTHER: METHANE

2. Name of Operator  
Anadarko Petroleum Corporation

3. Address and Telephone Number.  
17001 Northchase Dr., Houston, Texas 77060

4. Location of Well  
Footages: 2313' FSL & 1501' FWL  
QQ, Sec., T., R., M.: NE SW Sec. 11-T12S-R10E

5. Lease Designation and Serial Number

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:  
Shimmin Trust 11-11

9. API Well Number:  
43-007-30166

10. Field and Pool, or Wildcat  
Castlegate Field

County: Carbon

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 06/25/98

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.

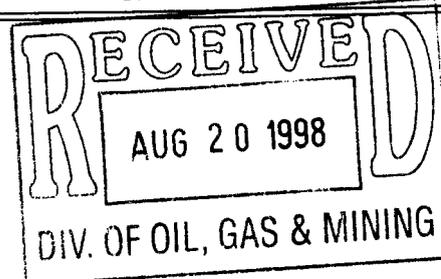
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

SEE ATTACHED WELLBORE DIAGRAM AND DETAILED FIELD REPORT.

UNABLE TO SET LOWER CEMENT PLUG AT 50' ABOVE TOP PERFORATION. PLUG WAS SET AS IN AGREEMENT WITH THE STATE OF UTAH, DIVISION OF OIL AND GAS PERMISSION.

13. Name & Signature Shad Frazier Title Engineer Date 08/12/98

(This space for State use only)







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

COMPANY NAME: ANADARKO PETROLEUM CORP.

WELL NAME: SHIMMIN TRUST #11-11

QTR/QTR: SE/SW SECTION: 11 TOWNSHIP: 12S RANGE: 10E

COUNTY: CARBON API NO: 43-007-30166

INSPECTOR: DAVID HACKFORD TIME: VARIOUS DATE: 6/25-26/98

SURFACE CASING SHOE DEPTH 630' CASING PULLED YES  NO

CASING PULLED: SIZE  CUT DEPTH  FT/CSG RECOVERED

TESTED YES  NO  TESTED TO:  PSI TIME:

CEMENTING COMPANY: HALLIBURTON

CEMENTING OPERATIONS: P&A WELL:

PLUG 1. SET: FROM 3990' FT. TO 3907' FT. TAGGED YES  NO

SLURRY: PREMIUM PLUS, 1.18 YIELD, 15.6 PPG. 14 SACKS

PLUG 2. SET FROM 2983' FT. TO 2872' FT. TAGGED YES  NO

SLURRY: 19 SACKS, SAME AS ABOVE

PLUG 3. SET FROM 554' FT. TO 504' FT. TAGGED YES  NO

SLURRY: 9 SACKS, SAME AS ABOVE.

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

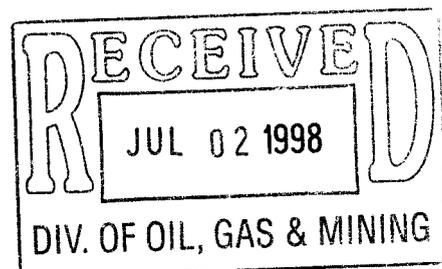
PERFORATIONS: ALL BELOW 3990 FT. TO  FT.  
FROM  FT. TO  FT.

# 1 CIBP SET: 3990'

# 2 CIBP SET:

ABANDONMENT MARKER: PLATE:  PIPE:  CORRECT INFORMATION:

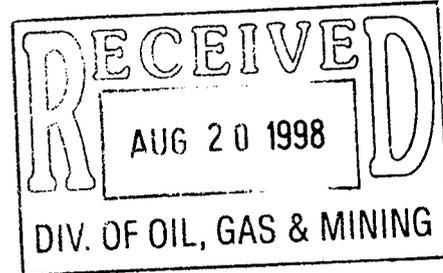
COMMENTS: ALL CEMENT PLUGS WERE PUMPED AND SET THROUGH HALLIBURTON ENDLESS TUBING.





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*  
 Gail A. Rupert  
 Engineering Technician

Enclosures

cc: Bureau of Land Management	Bureau of Land Management	GAR
Moab District Office	Price River Resources Area	SMF
P.O. Box 970	900 North, 700 East	TRC - Well File
Moab, Utah 84532	Price, Utah 84501	

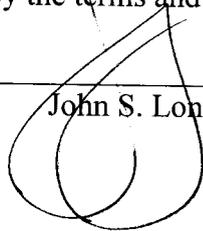
March 16, 2004

Affidavit of Surface Use Agreement

A Surface Use Agreement dated April 17, 2000 exists by and between J. M. Huber Corporation and John F. Marshall, Trustee in Trust for the Dean Carlyle Shimmin Trust covering the use of land connected with the Shimmin 11-11 well in Carbon County, Utah.

Evergreen Resources, Inc. as successor in interest To J. M. Huber Corporation under said Surface Use Agreement agrees to abide by the terms and conditions of said Agreement.

On behalf of Evergreen Resources, Inc:

  
\_\_\_\_\_  
John S. Long, Land Manager

Date: March 16, 2004

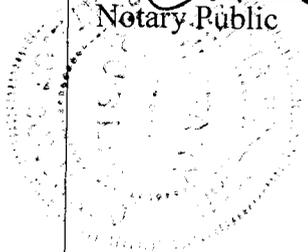
State of Colorado )  
                          )ss.  
County of Denver)

Subscribed and sworn to before me this 16<sup>th</sup> day of March, 2004 by John S. Long.

Witness my hand and notarial seal.

My commission expires:  \_\_\_\_\_  
My Commission Expires  
01/29/2007

Notary Public



Diana Whitney  
Utah Division of Oil, Gas, & Mining  
P. O. Box 145801  
Salt Lake City, UT 84114-5801  
Via FAX 801 359-3940

March 4, 2004

Dear Ms. Whitney:

I am the lessor of the 800 acre fee oil and gas lease on which Evergreen Operating Corporation plans to reenter these four wells:

Shimmin 4  
Shimmin 5  
Shimmin 10-11  
Shimmin 11-11

Please expedite approval of the APDs as you receive them.

Sincerely,



Dean Shimmin

cc: Wood

RECEIVED

MAR 04 2004

DIV. OF OIL, GAS & MINING

Drilling Program

<u>1. Formation Name</u>	<u>Depth from GL</u>	<u>Depth from KB</u>	<u>Elevation</u>
Flagstaff Ls	0'	20'	+7,227'
Price River Ss	2,933'	2,953'	+4,294'
Castlegate Ss	3,398'	3,418'	+3,829'
Blackhawk Coal	3,698'	3,718'	+3,529'
Kenilworth Coal	4,115'	4,135'	+3,112'
Aberdeen Ss	4,610'	4,630'	+2,617'
Spring Canyon	4,745'	4,765'	+2,482'
Total Depth	5,000'	5,020'	+2,227'

2. NOTABLE ZONES

Kenilworth is the goal. No other oil or gas zones are expected. Flagstaff, North Horn, and coal zones are anticipated water zones.

3. PRESSURE CONTROL

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.

Original reservoir pressure was ≈1,800 psi. This well produced 193,817 mcf before being plugged by Anadarko in 1998.

Evergreen Operating Corporation  
Shimmin Trust 11-11  
2313' FSL & 1501' FWL  
Sec. 11, 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>Age</u>	<u>Set Depth</u>
12-1/4"	9-5/8"	36	J-55	Existing	530'
8-3/4"	7"	26 & 29	N-80	Existing	4,997'

Surface casing was circulated to surface with 275 sacks Class G + 2% CaCl<sub>2</sub> + 1/4 pound per sack cello flake. Long string was cemented to 3,550' in two stages. First stage consisted of 400 sacks 50-50 Poz mix. Second stage consisted of 300 sacks thrifty light. DV tool set at 3,293'. Cement circulated on second stage. Bond log showed first stage top at 3,567'.

5. MUD PROGRAM

Cement plugs and CIBP (3,990') will be drilled out with a foam unit.

6. DOWN HOLE CONDITIONS

No abnormal pressures, temperatures, or hydrogen sulfide are expected.

7. MISCELLANEOUS

Will reenter well and drill out plugs (see attached profile sheets for more detail). A CIBP will be set at ≈4,550' isolating the perforated sands below the CIBP. The well will then be briefly placed back into production before it is fractured using coiled tubing.

Evergreen Operating Corporation  
Shimmin Trust 11-11  
2313' FSL & 1501' FWL  
Sec. 11, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 6

## Surface Use Plan

### 1. EXISTING ROADS & DIRECTIONS (See PAGES 10 & 11)

From the junction of US 6 and US 191 north of Helper, Utah ...  
Go NE 8.3 miles on US 191 to the equivalent of Milepost 165.75  
Then turn right and go SE 0.8 mi. on the Emma Park/Nine Mile Cutoff Road  
Then turn right and go SE 0.5 mi. on a field road  
Then turn right and go SW 0.3 mi. on a field road past the CPF & substation  
Then turn right and go N 0.2 mi. on a field road  
Then turn right and go N 100' to the pad

### 2. ROAD TO BE BUILT OR UPGRADED

The last 100' of road will be reopened. It will be crowned and ditched with a 16' wide travel surface. Maximum disturbed width will not exceed 30'. Maximum grade is  $\approx 5\%$ . Maximum cut or fill will be  $\approx 1'$ .

### 3. EXISTING WELLS

There are 11 P & A wells, 6 gas wells, and 1 water well within a mile radius. There are no existing oil or injection 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. There are still pipelines connecting the well pad.

Evergreen Operating Corporation  
Shimmin Trust 11-11  
2313' FSL & 1501' FWL  
Sec. 11, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 7

#### 5. WATER SUPPLY

Water will be trucked from existing water well (right #91-4983) at Evergreen's central production facility in Section 11 or from town for the first 1,500' of well bore. Produced water from Evergreen's wells will be used below 1,500'.

#### 6. CONSTRUCTION MATERIALS & METHODS

Pad was ripped and seeded. Pad will be leveled and compacted. Diversion ditch will be built south of the pad. No reserve pit will be used.

Gravel will be bought from town if needed.

#### 7. WASTE DISPOSAL

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.

Produced water will be piped to Evergreen's state approved lined evaporation pond in Section 3.

#### 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.

Evergreen Operating Corporation  
Shimmin Trust 11-11  
2313' FSL & 1501' FWL  
Sec. 11, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 8

#### 9. RECLAMATION

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

All areas not needed for production will be back filled, contoured 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 sown or drilled with seed mix specified by the surface owner. Seeded areas will be left rough and lightly harrowed or drug with a chain after seeding.

#### 10. SURFACE OWNER

The well site is on private land owned by John Marshall, Trustee in Trust for the Dean Shimmin Trust. Contact is Dean Shimmin @ (801) 375-2002. The trust is also the mineral owner. Surface use affidavit is attached.

#### 11. OTHER INFORMATION

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

#### 12. REPRESENTATION

Anyone having questions concerning the APD should contact:

Evergreen Operating Corporation  
Shimmin Trust 11-11  
2313' FSL & 1501' FWL  
Sec. 11, T. 12 S., R. 10 E.  
Carbon County, Utah

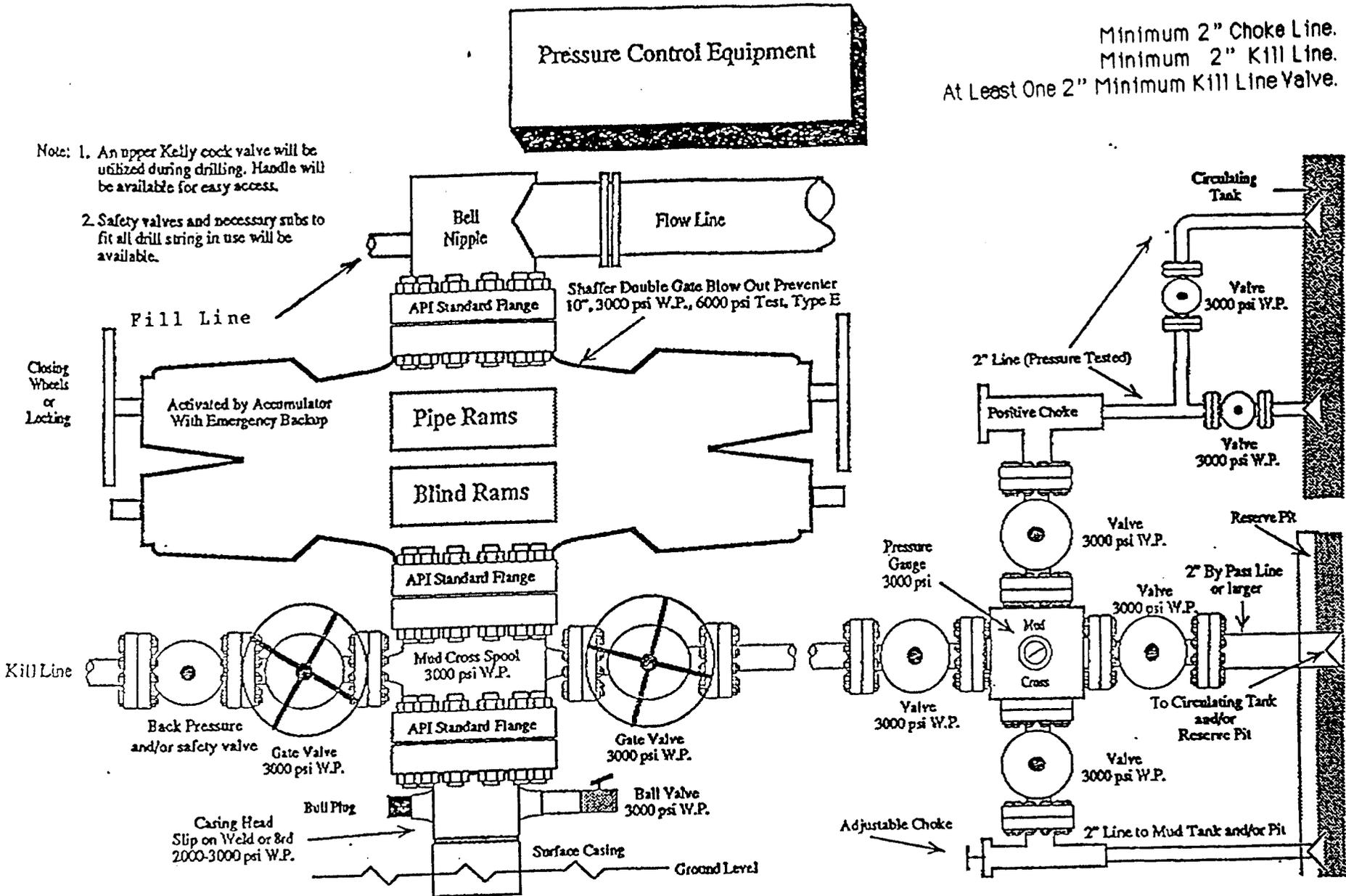
PAGE 9

Brian Wood  
Permits West, Inc.  
37 Verano Loop  
Santa Fe, NM 87508  
(505) 466-8120 FAX: (505) 466-9682 Mobile: (505) 699-2276

The field representative during drilling and production will be:

Larry Sessions, Area Foreman  
Evergreen Operating Corporation  
212 East 100 North  
Price, Ut. 84501  
(435) 613-9490 FAX: (435) 613-9489 Mobile: (435) 820-6359

Evergreen Operating Corporation is also applying for approval of an exception location for the plugged and abandoned Shimmin Trust 11-11 coal gas well in the Castlegate Field in Section 11, T. 12 S., R. 10 E., Carbon County. An exception was first approved in 1992. I am requesting an exception because of geology and land use. This currently P & A well is at 2313' FSL & 1501' FWL on an 800 acre fee lease. An orthodox well could be staked at 2180' FSL & 1780' FWL, but this require building a second pad just 309' (well bore to well bore) distant. The pads would almost touch. In addition, Evergreen believes the existing P & A well is the most cost effective location for reservoir drainage and de-watering. Evergreen is requesting permission to drill at 2313' FSL & 1501' FWL 11-12s-10e. This is the only oil or gas well existing or planned in the quarter-quarter. Closest (1,883' southwest) producing or approved well is Evergreen's producing Huber-Shimmin Trust 1-11 at 705' FSL & 520' FWL 11-12s-10e. Closest lease line is 327' north. Evergreen controls that off set lease and all leases within a minimum 2,967' radius. Wells have been drilled in all five of the offsetting quarter sections. Evergreen is owner of all drilling units within a minimum 2,967' radius of the proposed exception. This includes all eight of the directly or diagonally offsetting drilling units.

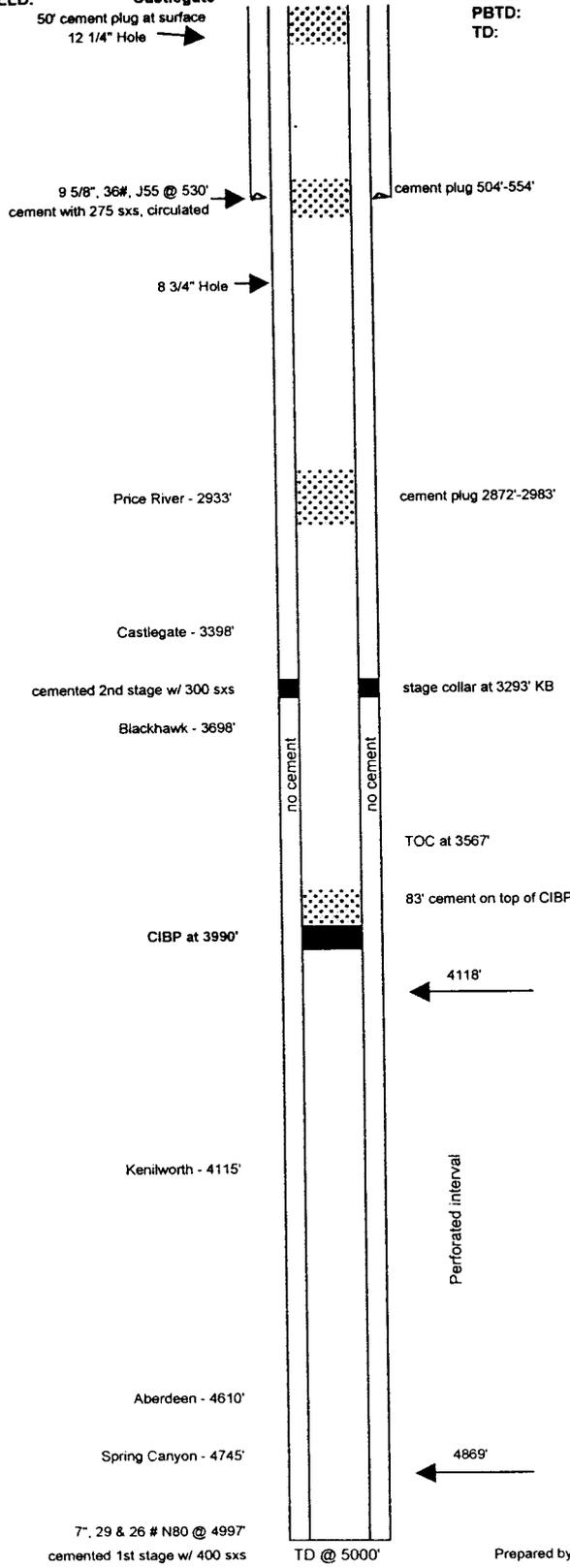


Note: This equipment is designed to meet requirements for a 2-M rating standard per 43 CFR part 3160 (amended). Proper operation and testing of equipment will be carried out per standard. 2,000 psi equipment can be substituted in the drawing to meet minimum requirements per standard.

WELL NAME: Shimmin 11-11  
 2313' FSL & 1501' FWL  
 LOCATION: Sec 11-T12S-R10E  
 FIELD: Castlegate

GL: 7227'  
 KB: 7247'  
 API NO: 43-007-30166  
 Fed Lse No:  
 PBTD: surface  
 TD: 5000'

Surveys:	
Degrees	Depth Ft
1.5	630'
2	1020'
2	1515'
3	2050'
2.8	2509'
3.5	3040'
3.8	3233'
5.5	3740'
6.3	4734'



**WELL HISTORY**

The subject well was spud September 4, 1992. A 12 1/4" hole was drilled to 530' and 9 5/8" casing was set and cemented to surface with 275 sacks of cement. An 8- 3/4" hole was drilled from underneath surface casing to TD of 5000' using mud. 7", 26 & 29#, N80 casing was set at 4997' and cemented in two stages. The first stage was cemented with 400 sacks 50-50 Pozmix. The second stage consisted of 300 sacks of Thrifty Lite. DV tool at 3293'. Cement circulated on second stage. From the bond log the top of the cement on the first stage is at 3567'.

The well was then perforated in the Sunnyside sands at the following intervals: 4745' - 4786', 4788' - 4812', and 4859' - 4869'. this interval later became a produced water injection zone. It was later commingled with the rest of the wellbore because there appeared to be reservoir communication between it and the coals. This interval was not fraced but only broke down.

A bridge plug was set at 4700' and the lower Blackhawk coals were perforated at the following interval: 4506' - 4514', 4520' - 4526', and 4578' - 4588'. These perforations were broke down prior to fracing w/ KCL water, 7 1/2% acid, but no ball sealers. The lower coals were then fraced w/ Viking IV F (probably a CMHEC fluid) containing 39,500# of 100-mesh sand, 31,400# 16/30 mesh sand, and 19,000# 16-30 resin coat. Well was flowed back using forced closure. Well dies in 4 hrs. Tagged sand at 4385. The well bore was cleaned out and five days later was re-fraced using a 35# CMHEC fluid containing 38,720# of 100-mesh sand, 65,000# 16/30 mesh sand, and 42,000# 16/30 resin coat. Again forced closed, well died in 3 hours. Sand was tagged at 4487'. The well was not cleaned out at this time. A RBP was run and set at 4450'. 3641 bbls of load fluid was left on the lower coals.

The upper Blackhawk Coals were then perforated at the following intervals: 4180', 4182', 4184', 4186', 4222', 4224', 4226', 4276', 4278', 4280', 4282', 4330', 4332', 4334', 4364', 4366', 4368', 4382', 4384', 4385', 4386', 4387', 4388', 4390', 4400', 4402', 4404', 4412', 4413', and 4414' (30 holes). The well was fraced down 5 1/2" casing using a 35# gel. The frac was spearheaded with 37 bbls 1% KCL water followed by 2000 gallons 7 1/2% HCL. It was then fraced w/ 35# CMHEC containing 35,840 # 100-mesh sand, 59,000# 16/30 mesh and 41,920# resin coated sand. The well died in 8 minutes after opening to the pit.

In October 1994 the dual injection / production operation was discontinued and the Sunnyside sand perms were introduced into the production stream.

In March 1995, the well was perforated (coals were re-perforated) in the following intervals: 4180' - 4182', 4184' - 4186', 4222' - 4226', 4276' - 4282', 4330' - 4334', 4364' - 4368', 4382' - 4390', 4400' - 4404', 4412' - 4414', 4420' - 4438' (sand), 4506' - 4514', 4520' - 4526', 4578' - 4588', 4594' - 4601' (sand), 4610' - 4616' (sand). The well was then selectively acidized using a PIP tool.

The same procedure was repeated 9 months later only some additional perforations were added. The following intervals were added: 4118' - 4123', 4132' - 4140', 4146' - 4150'. These are all sands. At the same time the PCP pump was replaced with an ESP. reports in the well file indicate this well has a heavier than normal scale problem. The well was subsequently plugged and abandoned in June of 1998. Two months prior to being plugged the well averaged approximately 80 mcfpd.

7", 29 & 26 # N80 @ 4997'  
 cemented 1st stage w/ 400 sxs

Prepared by: TSM

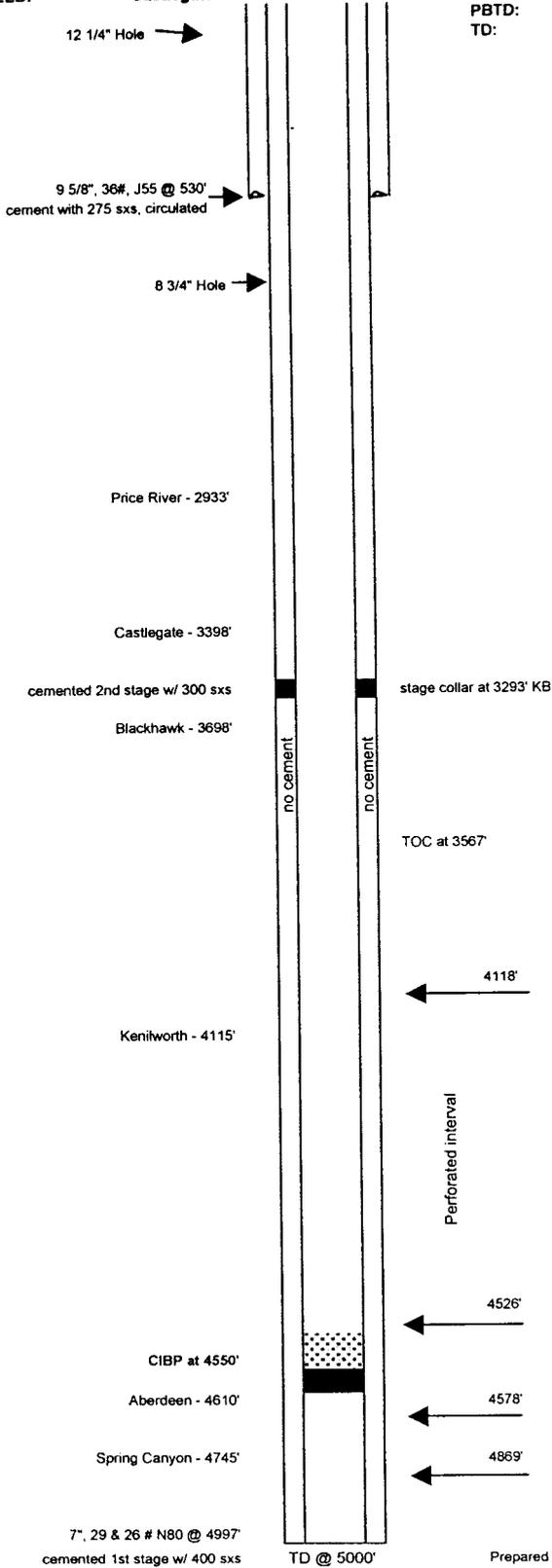
Date: 3/17/04

**CURRENT PROFILE**

WELL NAME: **Shimmin 11-11**  
**2313' FSL & 1501' FWL**  
 LOCATION: **Sec 11-T12S-R10E**  
 FIELD: **Castlegate**

GL: **7227'**  
 KB: **7247'**  
 API NO: **43-007-30166**  
 Fed Lse No:  
 PBTD: **surface**  
 TD: **5000'**

Surveys:	
Degrees	Depth Ft
1.5	830'
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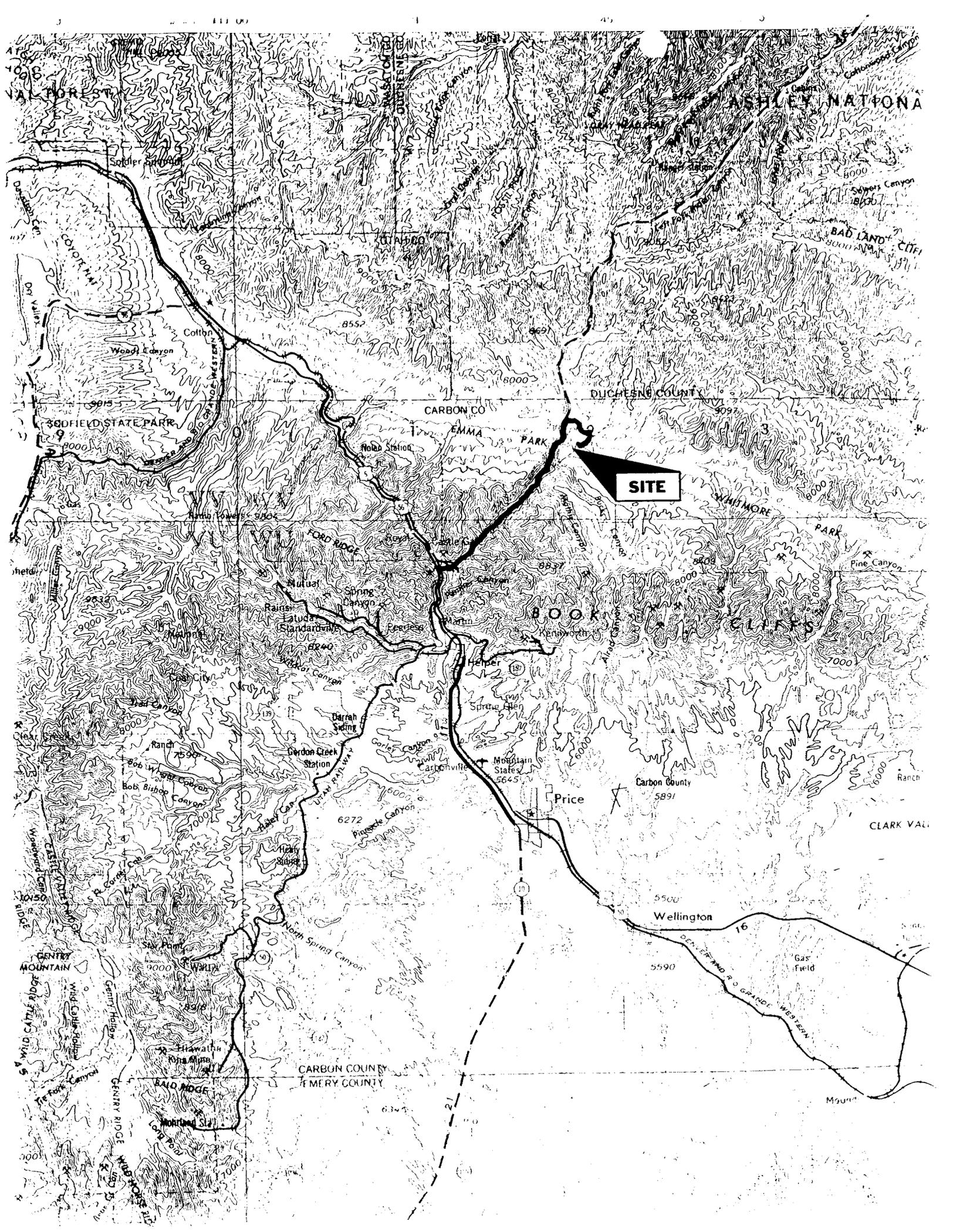
Prepared by:

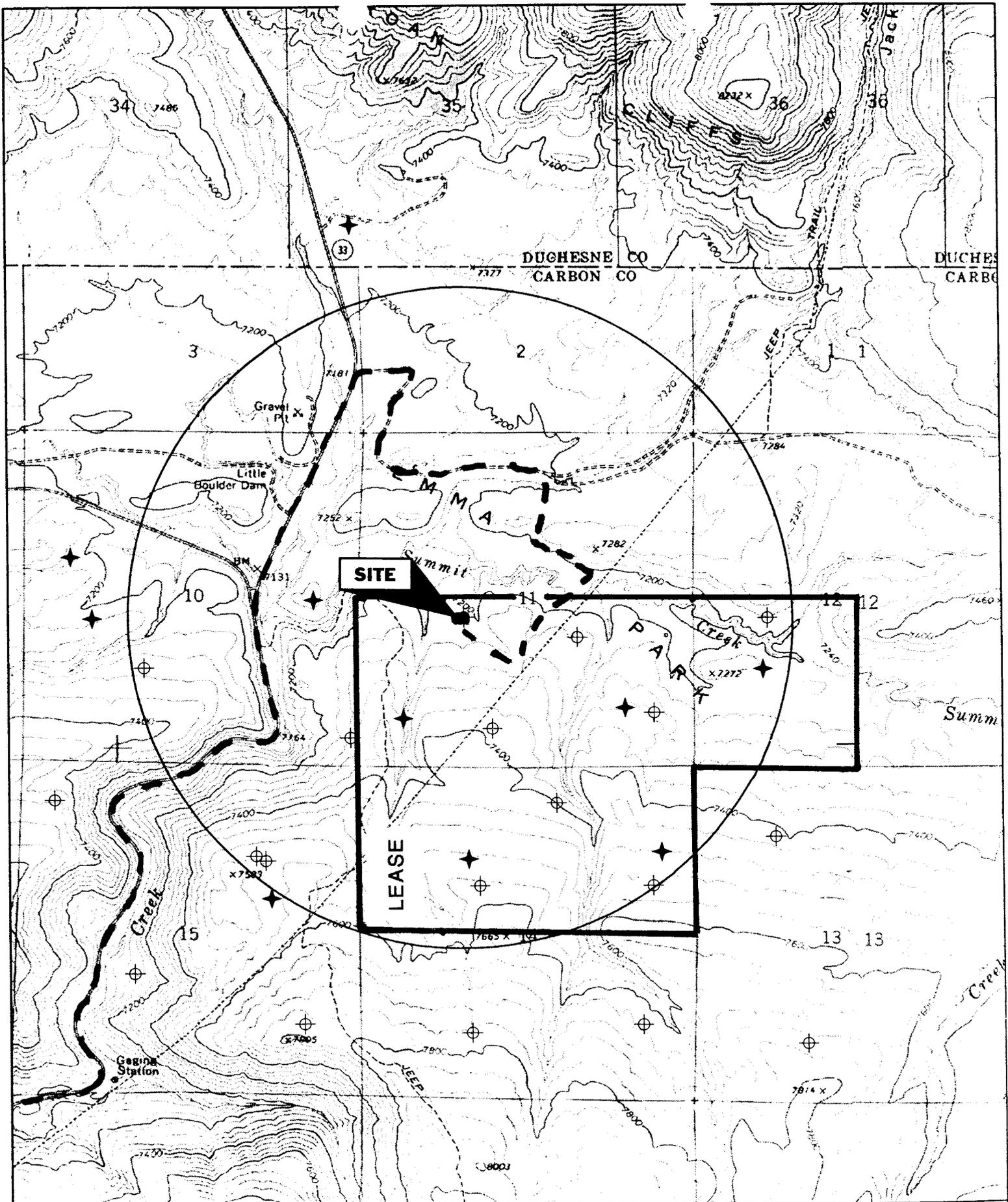
TSM

Date:

3/17/04

**PROPOSED PROFILE**





Name: MATTS SUMMIT  
 Date: 2/27/2004  
 Scale: 1 inch equals 2000 feet

Location: 039.7977901° N 110.7701831° W  
 Caption: 11, 12S-10E  
 CARBON CTY., UTAH

March 4, 2004

Diana Whitney  
Utah Division of Oil, Gas, & Mining  
P. O. Box 145801  
Salt Lake City, UT 84114-5801  
Via FAX 801 359-3940

Dear Ms. Whitney:

I am the lessor of the 800 acre fee oil and gas lease on which Evergreen Operating Corporation plans to reenter these four wells:

Shimmin 4  
Shimmin 5  
Shimmin 10-11  
Shimmin 11-11

Please expedite approval of the APDs as you receive them.

Sincerely,



Dean Shimmin

cc: Wood

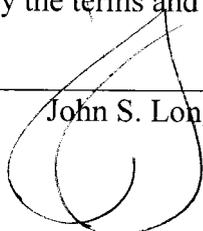
March 16, 2004

Affidavit of Surface Use Agreement

A Surface Use Agreement dated April 17, 2000 exists by and between J. M. Huber Corporation and John F. Marshall, Trustee in Trust for the Dean Carlyle Shimmin Trust covering the use of land connected with the Shimmin 11-11 well in Carbon County, Utah.

Evergreen Resources, Inc. as successor in interest To J. M. Huber Corporation under said Surface Use Agreement agrees to abide by the terms and conditions of said Agreement.

On behalf of Evergreen Resources, Inc:

  
\_\_\_\_\_  
John S. Long, Land Manager

Date: March 16, 2004

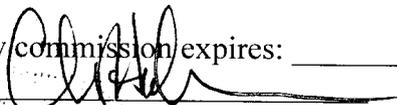
State of Colorado )  
                          )ss.  
County of Denver)

Subscribed and sworn to before me this 16<sup>th</sup> day of March, 2004 by John S. Long.

Witness my hand and notarial seal.

My commission expires: \_\_\_\_\_

My Commission Expires  
01/29/2007

  
\_\_\_\_\_  
Notary Public

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

OPERATOR: Evergreen Operating Corp.  
WELL NAME & NUMBER: Shimmin Trust 11-11 (reentry)  
API NUMBER: 4300730166  
LEASE: Fee FIELD/UNIT: \_\_\_\_\_  
LOCATION: 1/4,1/4 NESW Sec: 11 TWP: 12S RNG: 10E 2313 FSL 1501 FWL  
LEGAL WELL SITING: \_\_\_\_\_ F SEC. LINE; \_\_\_\_\_ F 1/4,1/4 LINE; \_\_\_\_\_ F ANOTHER WELL.  
GPS COORD (UTM): X = 519459 E; Y = 4405066 N SURFACE OWNER: Dean Shimmin

**PARTICIPANTS**

M. Jones (DOGM), Brian Wood and Kitty Wood (Permits West), Dean Shimmin and Funnon Shimmon (surface/mineral owners), Larry Sessions and Rick Oman (Evergreen), Gayla Williams (Carbon County), and Jerry Jensen.

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Proposed location is ~8 miles northwest of Helper, Utah in the Emma Park area. Staked location lies South of the existing Evergreen Compressor Facility. Access to this well will be along existing Evergreen gas field roads off of Carbon County and UDOT maintained roads. Approximately 100 feet of reclaimed access road will be re-built for this location. The direct area drains to the north into the Willow Creek drainage then southward eventually into the Price River, a year-round live water source 10 miles east of the proposed location.

**SURFACE USE PLAN**

CURRENT SURFACE USE: Wildlife habitat and grazing.

PROPOSED SURFACE DISTURBANCE: 200' x 320' and a 165' x 65' x 10' pit. 1/10 of 1 mile of reclaimed access road will be reopened.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 11 PA wells, 6 producing gas wells, and 1 water wells within a 1 mile radius of the above proposed well.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Along roadside (already ran to location edge).

SOURCE OF CONSTRUCTION MATERIAL: Obtained locally and transported in.

ANCILLARY FACILITIES: None anticipated.

**WASTE MANAGEMENT PLAN:**

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. Produced water will be piped to Evergreen's state approved lined evaporation pond in section 3.

**ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: Dry washes.

**ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: Dry washes.

FLORA/FAUNA: Mountain sage, crested wheat grass, alfalfa, yellow clover, other native grasses, Elk, deer, small game, raptors and other fowl, and rodents.

SOIL TYPE AND CHARACTERISTICS: Sandy clay loam.

SURFACE FORMATION & CHARACTERISTICS:

EROSION/SEDIMENTATION/STABILITY: Stable until disturbed.

PALEONTOLOGICAL POTENTIAL: None observed.

**RESERVE PIT**

CHARACTERISTICS: No pit to be used for the re-entry of this well.

LINER REQUIREMENTS (Site Ranking Form attached): None required.

**SURFACE RESTORATION/RECLAMATION PLAN**

As per surface use agreement.

SURFACE AGREEMENT: Agreement signed by Dean Shimmin and Evergreen.

CULTURAL RESOURCES/ARCHAEOLOGY: None requested by landowner.

**OTHER OBSERVATIONS/COMMENTS**

**ATTACHMENTS**

Photos of this location were taken and placed on file.

Mark L. Jones  
DOGM REPRESENTATIVE

April 14, 2004 / 10:100 am  
DATE/TIME

API Well No: 43-007-30166-00-00 Permit No: UIC-131.2 Well Name/No: SHIMMIN TRUST 11-11  
 Company Name: EVERGREEN OPERATING CORP  
 Location: Sec: 11 T: 12S R: 10E Spot: NESW  
 Coordinates: X: 519459 Y: 4405066  
 Field Name: CASTLEGATE  
 County Name: CARBON

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
SURF	529	9.625	36	
PROD	4997	<del>5.7</del> 7	26	N-80
T1	4740	2.875		
CBP*	3998			
PLG1	2983			
PLG2	554			
PLG3	50			
PKR	4740			

Cement Information

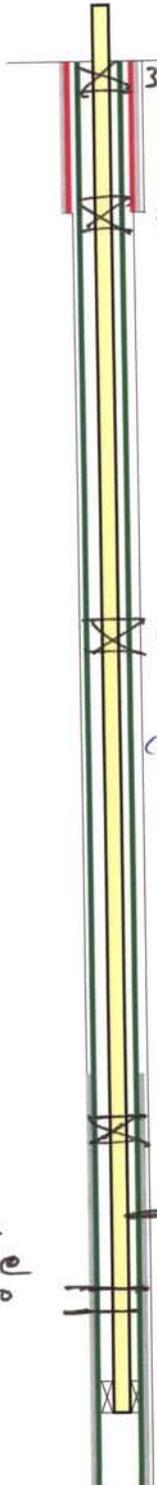
String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	4997	3550		
SURF	529	0		

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4745	4869			
4180	4616			

Formation Information

Formation	Depth	Formation	Depth
PRRV	2933		
CSLGT	3398		
BLKHK	3698		
*KNWTH	4415		
ABERD	4610		
SPCYN	4745		



3  
Cement from 529 ft. to surface  
Surface: 9.625 in. @ 529 ft.  
Hole: Unknown

2

1

Drill out plugs 3-1 & CBP @ 3998  
 (4.625) (0.052) (8.33) (5000) = 2166 psi  
 BOP - 2000 proposed

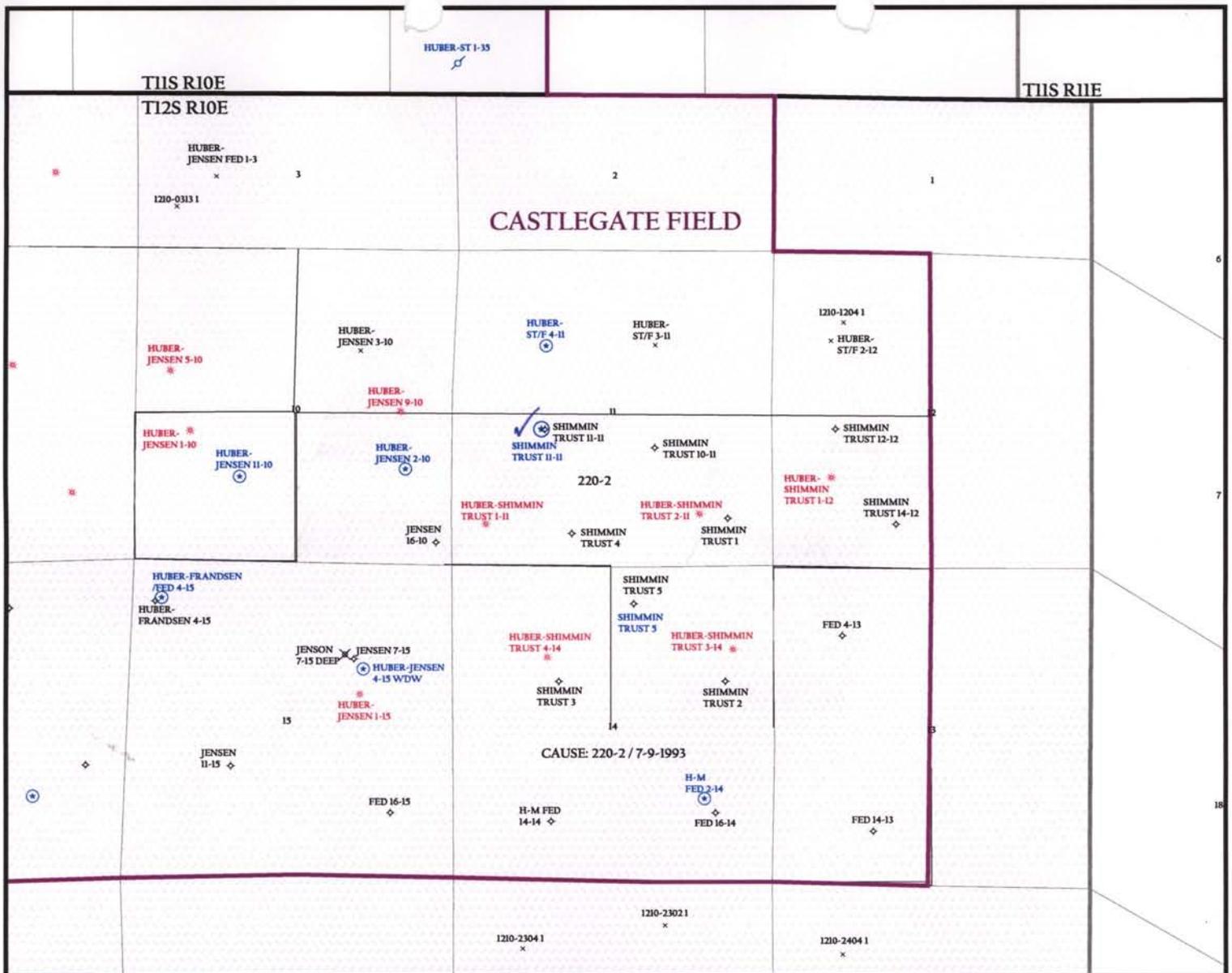
Original Pres 1800  
 Akequite Dred 5/4/04  
 Production  
 Burst = 7240 psi  
 708 = 5160 psi  
 Surface burst = 3520 psi  
 708 = 2404 psi

Propose test BOP to 708 minimum internal yield - above rated Working Pressure of BOP  
 \* Test BOP before drilling out surface shoe plug to 2000 psi. Dred 5/6/04

Propose  
 CBP @  
 4550

4180 Top part  
 Cement from 4997 ft. to 3550 ft.  
 Packer: @ 4740 ft.  
 Tubing: 2.875 in. @ 4740 ft.  
 Production: ~~5.7~~ 7 in. @ 4997 ft.  
 Hole: Unknown  
 Hole: Unknown

TD: 5000 TVD: PBTD: 4908



OPERATOR: EVERGREEN OP CORP (N2545)

SEC. 11 T.12S, R.10E

FIELD: CASTLEGATE (13)

COUNTY: CARBON

CAUSE: 220-2 / 7-9-1993 (160')

**Well Status**

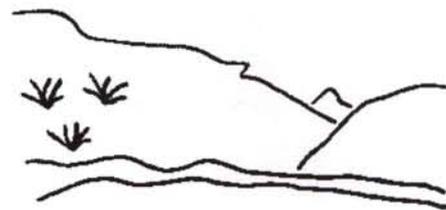
- ⊗ GAS INJECTION
- ⊙ GAS STORAGE
- × LOCATION ABANDONED
- ⊕ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- ★ PRODUCING GAS
- PRODUCING OIL
- ⊖ SHUT-IN GAS
- ⊕ SHUT-IN OIL
- ⊗ TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ◆ WATER SUPPLY
- ⊗ WATER DISPOSAL

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 24-MARCH-2004

**Evaluation Ranking Criteria and Ranking Score  
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>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</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>0</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>0</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>0</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>0</u>

**Final Score**      0      (Level \_\_\_\_\_ Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.  
Sensitivity Level II = 15-19; lining is discretionary.  
Sensitivity Level III = below 15; no specific lining is required.

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>PRIVATE (FEE)</b>	
1A. TYPE OF WORK: DRILL <input type="checkbox"/> REENTER <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			7. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: <b>EVERGREEN OPERATING CORPORATION</b>			8. WELL NAME and NUMBER: <b>SHIMMIN TRUST 11-11</b>	
3. ADDRESS OF OPERATOR: <b>1401 17TH ST., #1200</b> CITY <b>DENVER</b> STATE <b>CO</b> ZIP <b>80202</b>		PHONE NUMBER: <b>(303) 298-8100</b>	9. FIELD AND POOL, OR WILDCAT: <b>CASTLEGATE</b>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>2313 FSL &amp; 1501 FWL</b> <i>4405066Y 39.79772</i> <i>519459X 40.77211</i> AT PROPOSED PRODUCING ZONE: <b>SAME</b>			10. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESW 11 12S 10E S</b>	
13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>9 AIR MILES NNE OF HELPER</b>			11. COUNTY: <b>CARBON</b>	12. STATE: <b>UTAH</b>
14. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>327</b>	15. NUMBER OF ACRES IN LEASE: <b>800</b>		16. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>160</b>	
17. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>1,883</b>	18. PROPOSED DEPTH: <b>5,000</b>		19. BOND DESCRIPTION: <b>RLB0006706</b>	
20. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>7,230 GL</b>	21. APPROXIMATE DATE WORK WILL START: <b>4/1/2004</b>		22. ESTIMATED DURATION: <b>2 WEEKS</b>	

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT	
12-1/4	9-5/8	J-55	36	530	CLASS G	275 SX
8-3/4	7	N-80	26 & 29	4,997	50/50 POZ	400 SX
					THRIFTY LITE	300 SX

**ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER     | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                                   |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) BRIAN WOOD PHONE: (505) 466-8120 TITLE CONSULTANT FAX: (505) 466-9682  
SIGNATURE *Brian Wood* DATE 3/21/2004

(This space for State use only)

API NUMBER ASSIGNED: 43007-30144

Approved by the  
Utah Division of  
Oil, Gas and Mining  
APPROVAL:

Date: 05-10-04

By: *[Signature]*

RECEIVED

MAR 22 2004

DIV. OF OIL, GAS & MINING

AUG 17 1992

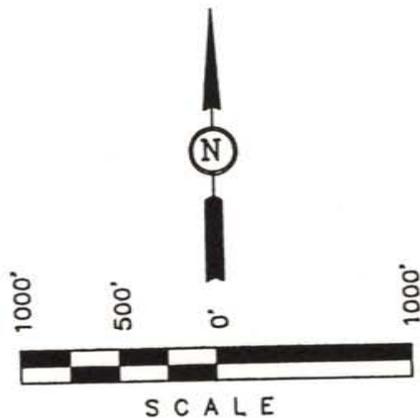
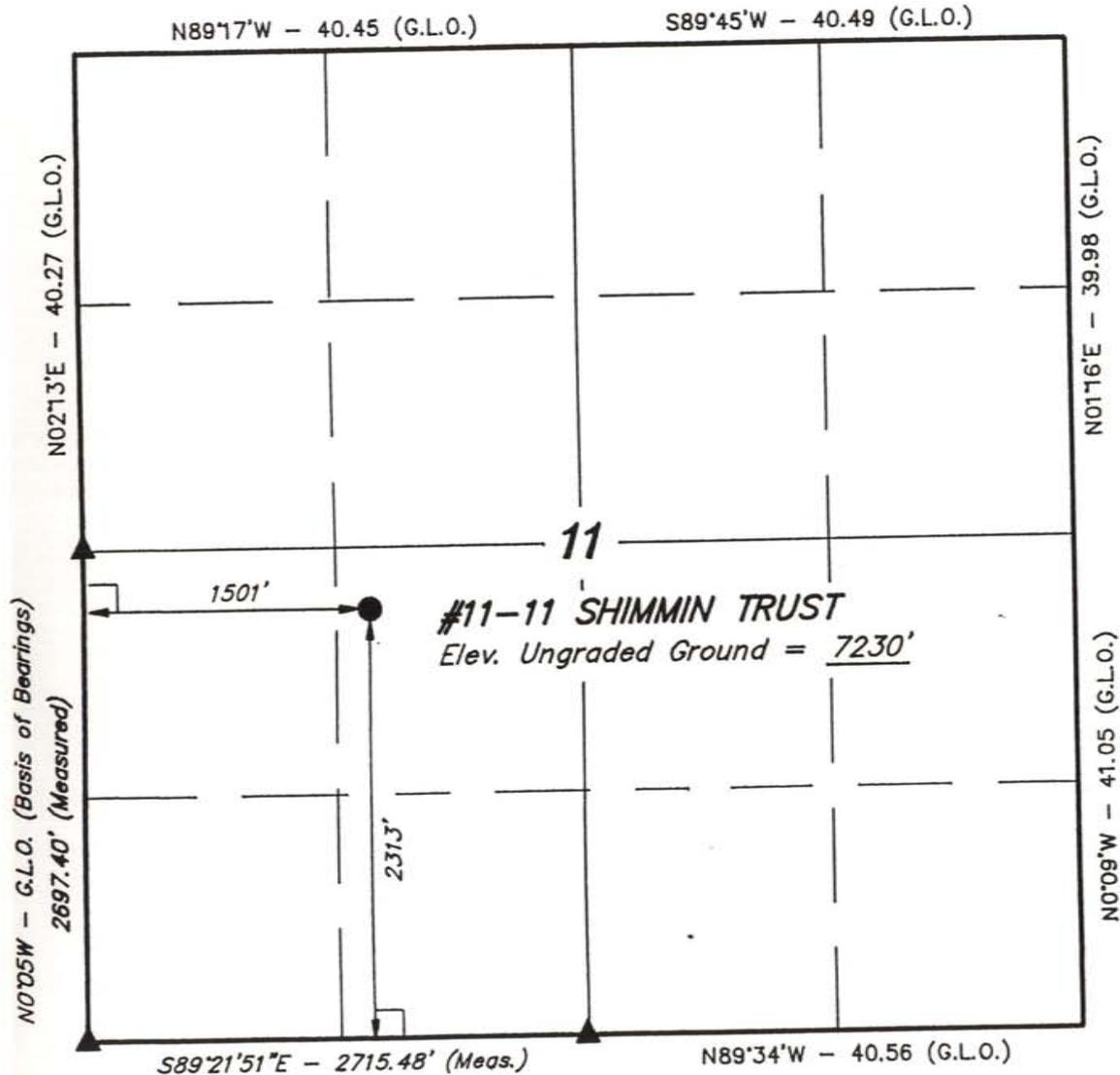
T12S, R10E, S.L.B.&M. DIV. OIL, GAS, & MIN.

**PG&E RESOURCES COMPANY**

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

BASIS OF ELEVATION

BENCH MARK 265 (1934) LOCATED IN THE NE 1/4 OF 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

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

LEGEND:

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

SCALE 1" = 1000'	DATE SURVEYED: 7-15-92	DATE DRAWN: 7-17-92
PARTY D.A. K.K. J.L.G.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE PG&E RESOURCES	

**DIVISION OF OIL, GAS AND MINING**  
**APPLICATION FOR PERMIT TO DRILL**  
**STATEMENT OF BASIS**

OPERATOR: Evergreen Operating Corporation  
WELL NAME & NUMBER: Shimmin 11-11 (reentry)  
API NUMBER: 4300730166  
LEASE: Fee FIELD/UNIT: \_\_\_\_\_  
LOCATION: 1/4,1/4 NESW Sec: 11 TWP: 12S RNG: 10E 2313 FSL 1501 FWL

**Geology/Ground Water:**

Significant volumes of high quality ground water were likely encountered at this location in several prolific fresh water bearing Formations including the North Horn and Price River Formations. The well drilled at this location was likely spudded into a poorly to moderately permeable soil developed on the Tertiary/Cretaceous undivided Flagstaff/North Horn Formation. Wells in the associated field have produced large amounts of moderately saline ground water from the Spring Creek sand. Water quality will deteriorate in the deeper strata. Many applications have been made for underground water rights within a mile of this location. Other applications have also been made for surface water rights. Drainage is to the north into Summit Creek, which flows to Willow Creek and eventually into the Price River. This is a reentry of an existing P&A'd well so the existing casing and cement should be sufficient protect the shallow ground water resource.

Reviewer: Christopher J. Kierst Date: 4/23/04

**Surface:**

Proposed location is ~8 miles northwest of Helper, Utah in the Emma Park area. Staked location lies South of the existing Evergreen Compressor Facility. Access to this well will be along existing Evergreen gas field roads off of Carbon County and UDOT maintained roads. Approximately 100 feet of reclaimed access road will be re-built for this location. The direct area drains to the north into the Willow Creek drainage then southward eventually into the Price River, a year-round live water source 10 miles east of the proposed location.

Reviewer: Mark L. Jones Date: April 23, 2004

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

1.



91-280	N2100 W500 SE 03 12S 10E SL Surface	U	19601026	MO	0.000	2.200	P.O. Box 903 Price River Water Improvement
91-4823	S600 W1300 NE 10 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	N550 W850 SE 02 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	N650 E2000 SW 02 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	N700 W600 SE 03 12S 10E SL Rediversion	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	S500 W1350 NE 10 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	N1600 W350 SE 10 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	S2000 W700 NE 10 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	S2000 E1900 NW 10 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	N650 E1900 SW 10 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	N550 E2100 SW 11 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	N450 W800 SE 11 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	S2000 W600 NE 11 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	S2000 E2100 NW 11 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	S1100 E1200 NW 12 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4823	S1150 E1100 NW 13 12S 10E SL Underground	U	19920423	M	10.000	0.000	P.O. Box 903 Price River Water Improvement
91-4830	S1950 W700 NE 15 12S 10E SL Underground	U	19920826	IMOSP	2.000	0.000	P.O. Box 903 PG&E Resources Company Suite 1000
91-4830	N330 W330 SE 10 12S 10E SL Underground	U	19920826	IMOSP	2.000	0.000	PG&E Resources Company Suite 1000
91-4830	N2559 W909 SE 10 12S 10E SL Underground	U	19920826	IMOSP	2.000	0.000	PG&E Resources Company Suite 1000
91-4830	N1461 E1735 SW 10 12S 10E SL Underground	U	19920826	IMOSP	2.000	0.000	PG&E Resources Company Suite 1000
91-4830	N2313 E1501 SW 11 12S 10E SL Underground	U	19920826	IMOSP	2.000	0.000	PG&E Resources Company Suite 1000
91-4830	N1999 W2006 SE 11 12S 10E SL Underground	U	19920826	IMOSP	2.000	0.000	PG&E Resources Company Suite 1000
91-4830	N540 E1900 SW 11 12S 10E SL Underground	U	19920826	IMOSP	2.000	0.000	PG&E Resources Company Suite 1000
91-4830	N793 W780 SE 11 12S 10E SL Underground	U	19920826	IMOSP	2.000	0.000	PG&E Resources Company Suite 1000
91-4830	N2340 E1033 SW 12 12S 10E SL Underground	U	19920826	IMOSP	2.000	0.000	PG&E Resources Company Suite 1000
91-4830	S1174 E1168 NW 13 12S 10E SL Underground	U	19920826	IMOSP	2.000	0.000	PG&E Resources Company Suite 1000
91-4830	S660 W2340 NE 14 12S 10E SL Underground	U	19920826	IMOSP	2.000	0.000	PG&E Resources Company Suite 1000
91-4830	S1980 W800 NE 14 12S 10E SL	U	19920826	IMOSP	2.000	0.000	PG&E Resources Company Suite 1000

91-4830	Underground S1980 E1780 NW 14 12S 10E SL	U	19920826	IMOSP	2.000	0.000	PG&E Resources Company Suite 1000
91-4830	Underground S1650 W1650 NE 15 12S 10E SL	U	19920826	IMOSP	2.000	0.000	PG&E Resources Company Suite 1000
91-5055	Underground N2559 W909 SE 10 12S 10E SL	A	20011025	IOS	0.000	200.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5055	Underground N875 W1240 SE 11 12S 10E SL	A	20011025	IOS	0.000	200.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5055	Underground N705 E520 SW 11 12S 10E SL	A	20011025	IOS	0.000	200.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5055	Underground N1525 E970 SW 12 12S 10E SL	A	20011025	IOS	0.000	200.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5055	Underground S1565 E1600 NW 14 12S 10E SL	A	20011025	IOS	0.000	200.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5055	Underground S1435 W665 NE 14 12S 10E SL	A	20011025	IOS	0.000	200.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5055	Underground S2250 W1550 NE 15 12S 10E SL	A	20011025	IOS	0.000	200.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5056	Rediversion S430 W1390 NE 10 12S 10E SL	A	20011022	IOS	5.000	0.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5056	Underground N2559 W909 SE 10 12S 10E SL	A	20011022	IOS	5.000	0.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5056	Underground N875 W1240 SE 11 12S 10E SL	A	20011022	IOS	5.000	0.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5056	Underground N705 E520 SW 11 12S 10E SL	A	20011022	IOS	5.000	0.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5056	Underground N1525 E970 SW 12 12S 10E SL	A	20011022	IOS	5.000	0.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5056	Underground S1565 E1600 NW 14 12S 10E SL	A	20011022	IOS	5.000	0.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5056	Underground S1435 W665 NE 14 12S 10E SL	A	20011022	IOS	5.000	0.000	J.M. Huber Corporation 1050 17th Street Suite 700
91-5056	Underground S2250 W1550 NE 15 12S 10E SL	A	20011022	IOS	5.000	0.000	J.M. Huber Corporation 1050 17th Street Suite 700
a18109	Surface S20 W2290 E4 11 12S 10E SL	A	19060830	DI	0.000	0.450	Price River Water User's Assc Attn: Lyle Bryner
a24220	Underground N2143 E2362 SW 11 12S 10E SL	A	20000302	DOS	0.000	2.000	D.C. Shimmin Trust 2002 North 1450 East
a24893	Surface N1950 W1600 SE 10 12S 10E SL	A	20010110	DO	0.000	9.000	Price River Water User's Assc 90 North 100 East #1
a24893	Underground N2143 E2362 SW 11 12S 10E SL	A	20010110	DO	0.000	9.000	Price River Water User's Assc 90 North 100 East #1
t20217	Surface N300 W250 SE 03 12S 10E SL	A	18740000	O	0.000	0.050	Cyprus Western Coal Compan 9100 East Mineral Circle
t21288	Surface N300 W250 SE 03 12S 10E SL	A	19970630	O	0.000	0.050	Cyprus Plateau Mining Corpor P.O. Drawer 7007
t22324	Surface S2650 W1420 NE 11 12S 10E SL	A	19980619	O	0.000	3.000	Anadarko Petroleum Corporat P.O. Box 894
t22409	Surface N300 W250 SE 03 12S 10E SL	A	19980729	O	0.000	0.500	Cyprus Plateau Mining Corpor 847 NW Highway 191
t23503	Surface N300 W250 SE 03 12S 10E SL	A	19990623	O	0.000	4.000	Cyprus Plateau Mining Corpor 847 NW Highway 191
t24609	Surface N300 W250 SE 03 12S 10E SL	A	20000606	O	0.000	4.000	Plateau Mining Corporation 847 NW Highway 191
t24818	Surface	A	20000811	O	0.000	50.000	Price River Water User's asso

Water Right ID	Description	Priority	APN	Acres	Volume	Beneficiary
91-1189	N300 W260 SE 03 12S 10E SL Point to Point 0 0 11 12S 10E SL	P	18600000	0.000	0.000	Attn: Lyle Bryner Dean C. Shimmin 2002 North 1450 East
91-1192	Point to Point 0 0 14 12S 10E SL	P	18600000	0.000	0.000	Dean C. Shimmin 2002 North 1450 East
91-1193	Point to Point 0 0 14 12S 10E SL	P	19020000	0.000	0.000	Dean C. Shimmin 2002 North 1450 East
91-1244	Point to Point 0 0 14 12S 10E SL	P	18600000	0.000	0.000	Rex Mathis Sunnyside Star Route
91-1257	Point to Point 0 0 10 12S 10E SL	P	18600000	0.000	0.000	Pierre Moynier Jr. 748 North 400 East
91-1258	Point to Point 0 0 15 12S 10E SL	P	18600000	0.000	0.000	Pierre Moynier Jr. 748 North 400 East
91-1259	Point to Point 0 0 15 12S 10E SL	P	18600000	0.000	0.000	Pierre Moynier Jr. 748 North 400 East
91-1260	Point to Point 0 0 10 12S 10E SL	P	18600000	0.000	0.000	Lea Moynier 284 North Carbon Ave.
91-1261	Point to Point 0 0 10 12S 10E SL	P	18600000	0.011	0.000	Pierre Moynier Jr. 748 North 400 East
91-1332	Point to Point 0 0 10 12S 10E SL	P	18600000	0.000	0.000	Lea Moynier 284 North Carbon Ave.
91-1333	Point to Point 0 0 10 12S 10E SL	P	18600000	0.000	0.000	Lea Moynier 284 North Carbon Ave.
91-1334	Point to Point 0 0 10 12S 10E SL	P	18600000	0.011	0.000	Lea Moynier 284 North Carbon Ave.
91-2486	Point to Point 0 0 15 12S 10E SL	P	18690000	0.000	0.000	Moynier Brothers Price UT 84501
91-3179	Point to Point 0 0 03 12S 10E SL	P	18690000	0.000	0.000	Security Title Company Salt Lake City UT
91-3180	Point to Point 0 0 03 12S 10E SL	P	18690000	0.000	0.000	Security Title Company Salt Lake City UT
91-3181	Point to Point 0 0 15 12S 10E SL	P	18690000	0.000	0.000	Security Title Company Salt Lake City UT
91-3182	Point to Point 0 0 15 12S 10E SL	P	18690000	0.000	0.000	Security Title Company Salt Lake City UT
91-3184	Point to Point 0 0 15 12S 10E SL	P	18690000	0.000	0.000	Security Title Company Salt Lake City UT
91-3185	Point to Point 0 0 15 12S 10E SL	P	18690000	0.000	0.000	Security Title Company Salt Lake City UT
91-3190	Point to Point 0 0 11 12S 10E SL	P	18690000	0.000	0.000	Security Title Company Salt Lake City UT
91-3191	Point to Point 0 0 11 12S 10E SL	P	18690000	0.000	0.000	Security Title Company Salt Lake City UT
91-3372	Point to Point 0 0 15 12S 10E SL	P	18690000 S	0.000	0.000	John O' Berto Trustee Helper UT 84526
91-350	Point to Point 0 0 14 12S 10E SL	P	18600000	0.011	0.000	Dean C. Shimmin 2002 N. 1450 E.

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/22/2004

API NO. ASSIGNED: 43-007-30166

WELL NAME: SHIMMIN TRUST 11-11  
 OPERATOR: EVERGREEN OPERATING ( N2545 )  
 CONTACT: BRIAN WOOD

PHONE NUMBER: 505-466-8120

PROPOSED LOCATION:

NESW 11 120S 100E  
 SURFACE: 2313 FSL 1501 FWL  
 BOTTOM: 2313 FSL 1501 FWL  
 CARBON  
 CASTLEGATE ( 13 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DREV	5/6/04
Geology		
Surface		

LEASE TYPE: 4 - Fee  
 LEASE NUMBER: FEE  
 SURFACE OWNER: 4 - Fee  
 PROPOSED FORMATION: BLKHK  
 COALBED METHANE WELL? YES

LATITUDE: 39.79722  
 LONGITUDE: 110.77271

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[4]  
(No. RLB0006706 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 91-4983 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement  (Y/N)

LOCATION AND SITING:

- R649-2-3.  
Unit \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 200-2  
Eff Date: 7-9-1993  
Siting: 2 Producing wells Per drilling unit
- R649-3-11. Directional Drill

COMMENTS:

Needs Permit (Recd 4-23-04)

STIPULATIONS:

- (1) Before drilling out surface shoe plug the BOP shall be tested to the rated working pressure of 2000 psi.
- (2) STATEMENT OF BASIS



State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

May 10, 2004

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

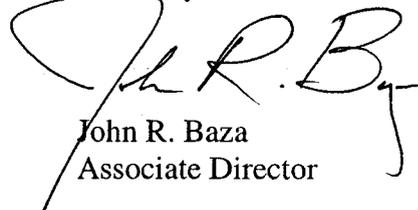
Re: Shimmin Trust 11-11 Well, 2313' FSL, 1501' FWL, NE SW, Sec. 11,  
T. 12 South, R. 10 East, Carbon County, Utah

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 43-007-30166.

Sincerely,



John R. Baza  
Associate Director

pab  
Enclosures

cc: Carbon County Assessor

**Operator:** Evergreen Operating Corporation

**Well Name & Number** Shimmin Trust 11-11

**API Number:** 43-007-30166

**Lease:** Fee

**Location:** NE SW                      **Sec.** 11                      **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
- 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)

5. Before drilling out surface shoe plug, the BOP shall be tested to the rated working pressure of 2000 psi.

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: EVERGREEN OPERATING CORP

Well Name: SHIMMIN TRUST 11-11

Api No: 43-007-30166 Lease Type: FEE

Section 11 Township 12S Range 10E County CARBON

Drilling Contractor LEEDS RIG RIG # 699

## **SPUDDED:**

Date 05/27/04

Time 12:00 NOON

How ROTARY

**Drilling will commence:** \_\_\_\_\_

Reported by LARRY SESSIONS

Telephone # 1-435-613-9490

Date 05/27/2004 Signed CHD

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

FORM 6

ENTITY ACTION FORM

Operator: EVERGREEN CORPORATION, INC. Operator Account Number: N 2545  
 Address: 212 EAST 100 NORTH  
 city PRICE  
 state UT zip 84501 Phone Number: (435) 613-9490

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300730122	SHIMMIN TRUST #5		NWNE	14	12S	10E	CARBON
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
D	11096	14175	5/21/2004		5/27/04		
Comments: <u>BLKAK</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300730166	SHIMMIN TRUST 11-11		NESW	11	12	10E	CARBON
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
E	11410	11410	5/27/2004		5/27/04		
Comments: <u>TRUCK BLKAK no change necessary ER</u>							

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)

LARRY G. SESSIONS  
 Name (Please Print)  
Larry G. Sessions  
 Signature  
Sick  
 Title  
 Date 5-27-04

(5/2000)

RECEIVED

MAY 27 2004

DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET**

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: STATE: <b>UTAH</b>		8. WELL NAME and NUMBER: <b>See Attached List</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
PHONE NUMBER: <b>(972) 444-9001</b>		10. FIELD AND POOL, OR WILDCAT:

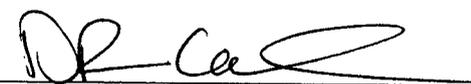
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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"/> 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	

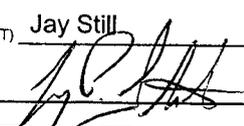
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

- 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 (See Instructions on Reverse Side)  
Earlene Russell, Engineering Technician

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

**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	Twpn	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-FRANDSEN 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	SENW
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	SENW
<del>43-007-30669-00-00</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>S</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	S
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	NWSE
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>43-007-30709-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>HUBER-JENSEN 3-10</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>CASTLEGATE</del>	<del>CARBON</del>	<del>12S-10E</del>	<del>10</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	SE'
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	NES
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	Twpn	Twpd	RngN	RngD	Qtr/Qtr
43-007-30947-00-00	EVERGREEN OPERATING CORP	HUBER-FRANDSEN/FED 4-15	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	NWNW
43-007-30961-00-00	EVERGREEN OPERATING CORP	STATE 11-16	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWNW
43-007-30962-00-00	EVERGREEN OPERATING CORP	SHIMMIN 11-14	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NWNW
43-007-30786	EVERGREEN OPERATING CORP	Jensen 7-15 Deep	Gas Well	Active	WILDCAT	CARBON	12S-10E	15	12	S	10	E	SWNE
43-007-30977-00-00	EVERGREEN OPERATING CORP	JENSEN 24-4	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	4	12	S	10	E	SESW
43-007-30978-00-00	EVERGREEN OPERATING CORP	JENSEN 34-5	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	5	12	S	10	E	SWSE
43-007-30980-00-00	EVERGREEN OPERATING CORP	JENSEN 41-9	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NENE
43-007-30981-00-00	EVERGREEN OPERATING CORP	JENSEN 34-10	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SWSF
43-013-32308-00-00	EVERGREEN OPERATING CORP	HUBER-ST 1-35	Water Disposal Well	Active	CASTLEGATE	DUCHESNE	11S-10E	35	11	S	10	E	SV
43-013-32317-00-00	EVERGREEN OPERATING CORP	HUBER-STATE 1-27	Gas Well	New Permit (Not yet approved or drilled)	WILDCAT	DUCHESNE	11S-10E	27	11	S	10	E	SWSE
<del>43-017-30404-00-00</del>	<del>EVERGREEN OIL CORP</del>	<del>POISON SPRINGS U 1 USA</del>	<del>Oil Well</del>	<del>Plugged and Abandoned</del>	<del>WILDCAT</del>	<del>GARFIELD</del>	<del>34S-12E</del>	<del>24</del>	<del>31</del>	<del>S</del>	<del>12</del>	<del>E</del>	<del>NESE</del>
<del>43-017-30102-00-00</del>	<del>EVERGREEN OIL CORP</del>	<del>POISON SPRINGS U 2 USA</del>	<del>Oil Well</del>	<del>Plugged and Abandoned</del>	<del>WILDCAT</del>	<del>GARFIELD</del>	<del>34S-12E</del>	<del>4</del>	<del>31</del>	<del>S</del>	<del>12</del>	<del>E</del>	<del>NENE</del>
43-019-30136-00-00	EVERGREEN OPERATING CORP	ANDERSON FED 2	Gas Well	Producing	EAST CANYON	GRAND	16S-24E	12	16	S	24	E	SWSW
43-019-30955-00-00	EVERGREEN OPERATING CORP	FEDERAL 24-1	Gas Well	Shut-In	EAST CANYON	GRAND	16S-24E	24	16	S	24	E	NWNE
43-019-31077-00-00	EVERGREEN OPERATING CORP	FEDERAL 1-34	Gas Well	Producing	BRYSON CANYON	GRAND	16S-24E	34	16	S	24	E	NESE
43-019-31078-00-00	EVERGREEN OPERATING CORP	FEDERAL 2-34	Gas Well	Producing	BRYSON CANYON	GRAND	16S-24E	34	16	S	24	E	SESW
43-047-30248-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 2	Gas Well	Producing	BRYSON CANYON	GRAND	16S-24E	34	16	S	24	E	SESE
43-047-30284-00-00	EVERGREEN OPERATING CORP	PINE SPRING U 1	Gas Well	Shut-In	BLACK HORSE CYN	UINTAH	15S-24E	29	15	S	24	E	SESE
43-047-30325-00-00	EVERGREEN OPERATING CORP	RAT HOLE CYN 1	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	15	14	S	22	E	NESW
43-047-30331-00-00	EVERGREEN OPERATING CORP	DRY BURN U 1	Gas Well	Shut-In	RAT HOLE CANYON	UINTAH	14S-25E	8	14	S	25	E	NWSE
43-047-30332-00-00	EVERGREEN OPERATING CORP	DRY BURN	Gas Well	Shut-In	DRY BURN	UINTAH	13S-25E	29	13	S	25	E	NWSE
43-047-30460-00-00	EVERGREEN OPERATING CORP	1-1-23	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	23	14	S	24	E	SWNE
43-047-30562-00-00	EVERGREEN OPERATING CORP	SWEETWATER CYN 1	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	23	14	S	24	E	SWNE
43-047-30619-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 4-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	14	14	S	23	E	SWNW
43-047-30622-00-00	EVERGREEN OPERATING CORP	CROOKED CYN 13-17-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	SWSW
43-047-30639-00-00	EVERGREEN OPERATING CORP	WOLF UNIT 3-11-15-21	Gas Well	Shut-In	CROOKED CANYON	UINTAH	14S-23E	17	14	S	23	E	NWNW
43-047-30674-00-00	EVERGREEN OPERATING CORP	MAIN CYN 11-10-15-23	Gas Well	Producing	WOLF POINT	UINTAH	15S-21E	11	15	S	21	E	SESW
43-047-30735-00-00	EVERGREEN OPERATING CORP	MAIN CYN 15-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	10	15	S	23	E	SENW
43-047-30736-00-00	EVERGREEN OPERATING CORP	MAIN CYN 2-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	NWNE
43-047-30746-00-00	EVERGREEN OPERATING CORP	MAIN CYN 7-17-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	SWSE
43-047-30791-00-00	EVERGREEN OPERATING CORP	STATE 11-2-15-22	Gas Well	Plugged and Abandoned	MAIN CANYON	UINTAH	15S-23E	17	15	S	23	E	NWSE
43-047-30944-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 6-35-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-22E	2	15	S	22	E	SENW
43-047-30975-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 8-36-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	35	14	S	23	E	NES
43-047-30977-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 1-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	36	14	S	23	E	NES
43-047-31003-00-00	EVERGREEN OPERATING CORP	MAIN CYN 8-7-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	SESE
43-047-31027-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 3-26-14-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-23E	7	15	S	23	E	NESE
43-047-31040-00-00	EVERGREEN OPERATING CORP	FEDERAL 6-14-15-21	Gas Well	Shut-In	MAIN CANYON	UINTAH	14S-23E	26	14	S	23	E	SESW
43-047-31041-00-00	EVERGREEN OPERATING CORP	SWEETWATER 6-13-14-24	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	14	15	S	21	E	NESW
43-047-31042-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 16-25-14-23	Gas Well	Producing	SWEETWATER CYN	UINTAH	14S-24E	13	14	S	24	E	NESW
43-047-31043-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 7-21-14-22	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	NENE
43-047-31045-00-00	EVERGREEN OPERATING CORP	MAIN CYN 4-4-15-23	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	21	14	S	22	E	NWSE
43-047-31063-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 14-15-15-24	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-23E	4	15	S	23	E	SWSW
		PINE SPRINGS 8-20-14-22	Gas Well	Producing	SOUTH CANYON	UINTAH	15S-24E	15	15	S	24	E	NENW
					PINE SPRINGS	UINTAH	14S-22E	20	14	S	22	E	NESE

**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	Twpn	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	15S-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	15S-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>43-047-34674-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>PINE SPRINGS FED 9-23-14S-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
43-047-34941-00-00	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

**UTAH DIVISION OF OIL, GAS AND MINERAL INSPECTION RECORD**

Operator: PG+E Lease Number: Fee  
 Well Name: Shimmin Trust 11-11 API Number: 43-007-30166  
 Sec: 11 Twp: 12S Rng: 10E County: Carbon Field: Wildcat  
 Well Status: P6W

GENERAL	Inspected (✓)
1. Well Identification	✓
2. Well Equipment	✓
3. Environmental Protection	✓
4. Temporary/Emergency Pits	✓
5. Spills, Discharges, Seepage	✓

Remarks: well sign correct and posted. wellhead, Electric powered progressive gavity pump. House with electric controls, amp recorder and transformer. No spills or leaks.

OIL PRODUCTION	Inspected (✓)
1. Method of Measurement: Tank Gauge <input type="checkbox"/> LACT Unit <input type="checkbox"/> Other <input type="checkbox"/>	✓
2. Storage Facilities	✓
3. Lines Leaving Storage Facilities Sealed/Locked	✓
4. Oil Handling/Treatment Equipment	✓
Remarks: <u>No tanks or equipment</u>	

GAS PRODUCTION	Inspected (✓)
1. Type of Gas Production: Gas Well <input checked="" type="checkbox"/> Casinghead <input type="checkbox"/>	✓
2. Gas Disposition: Sold <input checked="" type="checkbox"/> Flared/Vented <input type="checkbox"/> Used on Lease <input checked="" type="checkbox"/> Other <input type="checkbox"/>	✓
3. Method of Measurement: Orifice Meter <input checked="" type="checkbox"/> Turbine Meter <input type="checkbox"/> Estimated <input type="checkbox"/> Other <input type="checkbox"/>	✓
4. Gas Handling/Treatment Equipment	✓
Remarks: <u>Barton recorder with current chart recording gas sales. Heated separator in use but no fire in firebox</u>	

PRODUCED WATER DISPOSAL	Inspected (✓)
1. Disposal Method: Unlined Pit <input type="checkbox"/> Lined Pit <input type="checkbox"/> Subsurface <input type="checkbox"/> Other <input type="checkbox"/>	✓
2. If Disposal by Pits, Are Pits Satisfactory? Yes <input type="checkbox"/> No <input type="checkbox"/>	✓
3. Other E & P Waste Disposal	✓
Remarks: <u>All disposal water is metered on location and pipelined to Central Processing Facility for injection.</u>	

Inspector: David W. Huchford Date: 7/21/94

**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 CORPORATION**

3. ADDRESS OF OPERATOR:  
**1401 17TH ST #1200 CITY DENVER STATE CO ZIP 80202**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **2313 SL 1501WL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW: **3820 - 4335**  
AT TOTAL DEPTH: **4485**

14. DATE SPURRED: **5/27/2004** 15. DATE T.D. REACHED: \_\_\_\_\_ 16. DATE COMPLETED: **6/10/2004**  
ABANDONED  READY TO PRODUCE

18. TOTAL DEPTH: MD **4,485** TVD \_\_\_\_\_ 19. PLUG BACK T.D.: MD **4,440** TVD \_\_\_\_\_  
20. IF MULTIPLE COMPLETIONS, HOW MANY? \* \_\_\_\_\_

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**NONE**

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
12 1/4	9 5/8	36 LB		530	530	275	227	SURFACE	N/A
						G/2%			
						CACL			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8								

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) BLACKHAWK	4,118	4,616			4,118 4,616			Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input checked="" 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: 6/11/2004	TEST DATE: 6/11/2004	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF: 24	WATER - BBL: 307	PROD. METHOD: Pumping Unit
CHOKE SIZE:	TBG. PRESS. 90	CSG. PRESS. 25	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	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: →	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: →	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: →	INTERVAL STATUS:

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

**SOLD TO 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)
BLACKHAWK	4,118	4,616	COAL		

35. ADDITIONAL REMARKS (Include plugging procedure)

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 11/16/2004

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

NOV 19 2004

# EVERGREEN CORPORATION, INC.

OPERATOR
<b>EVERGREEN CORPORATION, INC.</b>
WELL NAME
<b>SHIMMIN TRUST 11-11</b>
LEGAL LOCATION
<b>SEC. 11, T 12 SOUTH, R 10 EAST</b>
COUNTY, STATE
<b>CARBON COUNTY, UTAH</b>

TOTAL DEPTH	<b>4485</b>
06/10/04	
REPORT NO.	PBSD
<b>10</b>	<b>4,440</b>
RIG CONTRACTOR	GROSS PERFS
<b>LEED #669</b>	<b>3820 - 4335</b>
CONSULTANT	AFE #
<b>SESSIONS/OMAN</b>	<b>0504CGT-005</b>

## DAILY COMPLETION REPORT

PRESENT OPERATION			
PRESENT OPERATION	DAILY COSTS	CUMULATIVE COSTS	AFE COSTS
<b>RIH W/PRODUCTION</b>	<b>\$ 31,224</b>	<b>\$ 94,815</b>	<b>\$ 333,850</b>

DAILY COMPLETION SUMMARY			
FROM (hrs)	TO (hrs)	HOURS (hrs)	DESCRIPTION OF DAILY OPERATIONS (06:00 - 06:00 hrs)
5:30	7:00	1.50	CREW TRAVEL
7:00	14:30	7.50	SICP 100 PSI. BLEED WELL OFF. PU & RIH W/78 - 1" RODS W/3 MOLDED GUIDES PER ROD. PU POLISH ROD. SEAT PUMP. RU P.U. SPACE OUT PUMP. RD RIG. PUT WELL TO PUMPING.
<b>ROD DETAIL</b>			
			1 - 1 1/2" X 30' POLISH ROD W/ 1 3/4" X 18' LINER
			1 - 4' X 1" PONY ROD
			78 - 1" RODS W/3 MOLDED GUIDES PER ROD
			98 - 7/8" RODS W/3 MOLDED TUIDES PER ROD
			NATIONAL PUMP #EG-302 RWAC 2 1/2" X 2" X 24' 40 RING PA TOP HOLD DOWN.
<b>TOTAL HOURS</b>		<b>9.00</b>	

SUMMARY OF RIG HOURS		
DESC.	DAILY (hrs)	CUM (hrs)
MI & RU		
NU/ND		
Drill		
Trip		
Circulate		
Rig Repair		
Rig Service		
Dev Survey		
Run Csg		
Cementing		
WOC		
Logging		
Mix Mud		
Perf		
Frac		
Acidize		
Swab		
Flow		
Fishing		
Other		
<b>TOTALS</b>		

DESCRIPTION OF DAILY & CUMULATIVE COSTS				
COST CODE	DESCRIPTION OF DAILY COSTS	DAILY (\$)	CUMULATIVE (\$)	AFE (\$)
860.1 & 302	Surface Acquisition, ROWS, Damages & Building Road & Location			
860.305	Mobilization/ Demobilization			
860.304	Rig Daywork			
860.307	Drilling Mud			
860.308	Cementing Services			
860.08	Trucking		\$ 3,500	
860.205	Rental Equipment-BOP's, DO & DC's, Choke Manifold, ETC		\$ 2,980	
860.309	Cement Tools- Float Eqpt, Stage Collars, Centralizer, Etc			
860.310 & 316	Wire Line Services- Logging & Perforating		\$ 3,112	
860.403	Supervision- Wellstie, Engineering			
860.311	Mud Logging, Data Recording, or Gas Detector			
860.640	Misc. Intang - Safety, Supplies, Taxes, Welding, Etc.			
860.240	Water Hauling, Hot Oilier		\$ 1,760	
860.314	Bits, Reamers, Stabilizers, Shock Subs, Jars, Etc		\$ 17,334	
825.100 & 200	Surface and Production Casing			
860.319	Completion Rig	\$ 2,210	\$ 28,098	
860.318	Formation Stimulation - Sand Control			
825.300,350,400&500	Other Misc Tangible Well Eqpt- Wellhead, Artificial Lift Eqpt, Tubing, ETC	\$ 29,014	\$ 29,014	
825.550, 600 & 650	Other Misc Lease Eqpt J & R		\$ 9,017	
	Other, Hot oilier.			
<b>TOTAL COSTS</b>		<b>\$ 31,224</b>	<b>\$ 94,815</b>	<b>\$ 333,850</b>

NOV 19 2004







# EVERGREEN CORPORATION, INC.

<b>OPERATOR</b>
<b>EVERGREEN CORPORATION, INC.</b>
<b>WELL NAME</b>
<b>SHIMMIN TRUST 11-11</b>
<b>LEGAL LOCATION</b>
<b>SEC. 11. T 12 SOUTH. R 10 EAST</b>
<b>COUNTY, STATE</b>
<b>CARBON COUNTY, UTAH</b>

<b>06/04/04</b>	<b>TOTAL DEPTH</b>
<b>4485</b>	
<b>REPORT NO.</b>	<b>PBTD</b>
<b>6</b>	<b>4,440</b>
<b>RIG CONTRACTOR</b>	<b>GROSS PERFS</b>
<b>LEED #669</b>	<b>3820 - 4335</b>
<b>CONSULTANT</b>	<b>AFE #</b>
<b>SESSIONS/OMAN</b>	<b>0504CGT-005</b>

## DAILY COMPLETION REPORT

PRESENT OPERATION			
<b>PRESENT OPERATION</b>	<b>DAILY COSTS</b>	<b>CUMULATIVE COSTS</b>	<b>AFE COSTS</b>
<b>DRILL OUT SCALE</b>	<b>\$ 4,175</b>	<b>\$ 52,174</b>	<b>\$ 333,850</b>

DAILY COMPLETION SUMMARY			
FROM (hrs)	TO (hrs)	HOURS (hrs)	DESCRIPTION OF DAILY OPERATIONS (06:00 - 06:00 hrs)
5:30	7:00	1.50	CREW TRAVEL
7:00	18:00	11.00	SICP 250 PSI. BLEED WELL DOWN. RIH TAG SEAL @ 4414'. RU POWER SWIVEL. DRILL FROM 4414' TO 4608'. CIRC. HOLE CLEAN. RD POWER SWIVEL. POOH W/ TBG, DRILL COLLARS AND BIT. PU & RIH W/DRILL BIT, CSG SCRAPPER, DRILL COLLARS & TBG TO 4608'. CIRC. HOLE CLEAN. POOH LAYING DOWN 47 JTS. TBG. SDFN
18:00	19:30	1.50	CREW TRAVEL
<b>TOTAL HOURS</b>		<b>14.00</b>	

SUMMARY OF RIG HOURS		
DESC.	DAILY (hrs)	CUM (hrs)
MI & RU		
NU/ND		
Drill		
Trip		
Circulate		
Rig Repair		
Rig Service		
Dev Survey		
Run Csg		
Cementing		
WOC		
Logging		
Mix Mud		
Perf		
Frac		
Acidize		
Swab		
Flow		
Fishing		
Other		
<b>TOTALS</b>		

DESCRIPTION OF DAILY & CUMULATIVE COSTS				
COST CODE	DESCRIPTION OF DAILY COSTS	DAILY (\$)	CUMULATIVE (\$)	AFE (\$)
860.1 & 302	Surface Acquisition, ROWS, Damages & Building Road & Location			
860.305	Mobilization/ Demobilization			
860.304	Rig Daywork			
860.307	Drilling Mud			
860.308	Cementing Services			
860.08	Trucking	\$ 400	\$ 2,825	
860.205	Rental Equipment-BOP's, DO & DC's, Choke Manifod, ETC TIGER	\$ 740	\$ 1,940	
860.309	Cement Tools- Float Eqpt, Stage Collars, Centralizer, Etc			
860.310 & 316	Wire Line Services- Logging & Perforating			
860.403	Supervision- Wellstie, Engineering			
860.311	Mud Logging, Data Recording, or Gas Detector			
860.640	Misc. Intang - Safety, Supplies, Taxes, Welding, Etc.			
860.240	Water Hauling, Hot Oiler		\$ 1,760	
860.314	Bits, Reamres, Stabilizers, Shock Subs, Jars, Etc GRACO AIR PKG		\$ 17,334	
825.100 & 200	Surface and Production Casing			
860.319	Completion Rig	\$ 3,035	\$ 20,798	
860.318	Formation Stimulation - Sand Control			
825.300,350,400&500	Other Misc Tangible Well Eqpt- Wellhead, Artificial Lift Eqpt, Tubing, ETC			
825.550, 600 & 650	Other Misc Lease Eqpt GRACO AIR PACKAGE		\$ 7,517	
	Other, Hot oiler.			
<b>TOTAL COSTS</b>		<b>\$ 4,175</b>	<b>\$ 52,174</b>	<b>\$ 333,850</b>

NOV 19 2004

**EVERGREEN CORPORATION, INC.**

OPERATOR
<b>EVERGREEN CORPORATION, INC.</b>
WELL NAME
<b>SHIMMIN TRUST 11-11</b>
LEGAL LOCATION
<b>SEC. 11. T 12 SOUTH. R 10 EAST</b>
COUNTY, STATE
<b>CARBON COUNTY, UTAH</b>

06/03/04	TOTAL DEPTH
	4485
REPORT NO.	PBTD
5	4,440
RIG CONTRACTOR	GROSS PERFS
LEED #669	3820 - 4335
CONSULTANT	AFE #
<b>SESSIONS/OMAN</b>	<b>0504CGT-005</b>

**DAILY COMPLETION REPORT**

PRESENT OPERATION			
PRESENT OPERATION	DAILY COSTS	CUMULATIVE COSTS	AFE COSTS
<b>DRILLING OUT CIBP TO TD</b>	\$ 9,813	\$ 48,399	\$ 333,850

DAILY COMPLETION SUMMARY			
FROM (hrs)	TO (hrs)	HOURS (hrs)	DESCRIPTION OF DAILY OPERATIONS (06:00 - 06:00 hrs)
5:30	7:00	1.50	CREW TRAVEL
7:00	15:00	8.00	MU NEW BIT. RIH W/12 DRILL COLLARS & TUBING. TAGGED CIBP @ 3991'. RU POWER SWIVEL. DRILLED UP PLUG 1100PSI BELOW PLUG.
15:00	21:00	6.00	DRILLED EXTREMELY HARD SCALE FROM 3993' TO 4350'. LIGHT SCALE FROM 4350' TO 4414'. CIRC. HOLE CLEAN. R/D POWER SWIVEL. POOH W/14 JTS TBG. SWIFN. SDFN
21:00	22:30	1.50	CREW TRAVEL WELL FLOWED 720 BBLs WATER.
TOTAL HOURS		17.00	

SUMMARY OF RIG HOURS		
DESC.	DAILY (hrs)	CUM (hrs)
MI & RU		
NU/ND		
Drill		
Trip		
Circulate		
Rig Repair		
Rig Service		
Dev Survey		
Run Csg		
Cementing		
WOC		
Logging		
Mix Mud		
Perf		
Frac		
Acidize		
Swab		
Flow		
Fishing		
Other		
<b>TOTALS</b>		

DESCRIPTION OF DAILY & CUMULATIVE COSTS				
COST CODE	DESCRIPTION OF DAILY COSTS	DAILY (\$)	CUMULATIVE (\$)	AFE (\$)
860.1 & 302	Surface Acquisition, ROWS, Damages & Building Road & Location			
860.305	Mobilization/ Demobilization			
860.304	Rig Daywork			
860.307	Drilling Mud			
860.308	Cementing Services			
860.08	Trucking TIGER	\$ 400	\$ 2,825	
860.205	Rental Equipment-BOP's, DO & DC's, Choke Manifold, ETC		\$ 1,200	
860.309	Cement Tools- Float Eqpt, Stage Collars, Centralizer, Etc			
860.310 & 316	Wire Line Services- Logging & Perforating			
860.403	Supervision- Wellstie, Engineering			
860.311	Mud Logging, Data Recording, or Gas Detector			
860.640	Misc. Intang - Safety, Supplies, Taxes, Welding, Etc.			
860.240	Water Hauling, Hot Oilier	\$ 1,360	\$ 1,760	
860.314	Bits, Reamers, Stabilizers, Shock Subs, Jars, Etc GRACO AIR PKG		\$ 17,334	
825.100 & 200	Surface and Production Casing			
860.319	Completion Rig	\$ 4,103	\$ 17,763	
860.318	Formation Stimulation - Sand Control			
825.300,350,400&500	Other Misc Tangible Well Eqpt- Wellhead, Artificial Lift Eqpt, Tubing, ETC			
825.550, 600 & 650	Other Misc Lease Eqpt GRACO AIR PACKAGE	\$ 3,950	\$ 7,517	
	Other, Hot oilier			
<b>TOTAL COSTS</b>		\$ 9,813	\$ 48,399	\$ 333,850

NOV 19 2004

**EVERGREEN CORPORATION, INC.**

OPERATOR
<b>EVERGREEN CORPORATION, INC.</b>
WELL NAME
<b>SHIMMIN TRUST 11-11</b>
LEGAL LOCATION
<b>SEC. 11. T 12 SOUTH. R 10 EAST</b>
COUNTY, STATE
<b>CARBON COUNTY, UTAH</b>

06/03/04	TOTAL DEPTH
	<b>4485</b>
REPORT NO.	PBTD
<b>5</b>	<b>4,440</b>
RIG CONTRACTOR	GROSS PERFS
<b>LEED #669</b>	<b>3820 - 4335</b>
CONSULTANT	AFE #
<b>SESSIONS/OMAN</b>	<b>0504CGT-005</b>

**DAILY COMPLETION REPORT**

PRESENT OPERATION			
PRESENT OPERATION	DAILY COSTS	CUMULATIVE COSTS	AFE COSTS
<b>DRILLING OUT CIBP TO TD</b>	<b>\$ 9,813</b>	<b>\$ 48,399</b>	<b>\$ 333,850</b>

DAILY COMPLETION SUMMARY			
FROM (hrs)	TO (hrs)	HOURS (hrs)	DESCRIPTION OF DAILY OPERATIONS (06:00 - 06:00 hrs)
5:30	7:00	1.50	CREW TRAVEL
7:00	15:00	8.00	NU NEW BIT. RIH W/12 DRILL COLLARS & TUBING. TAGGED CIBP @ 3991'. RU POWER SWIVEL. DRILLED UP PLUG 1100PSI BELOW PLUG.
15:00	21:00	6.00	DRILLED EXTREMELY HARD SCALE FROM 3993' TO 4350'. LIGHT SCALE FROM 4350' TO 4414'. CIRC. HOLE CLEAN. R/D POWER SWIVEL. POOH W/14 JTS TBG. SWIFN. SDFN
21:00	22:30	1.50	CREW TRAVEL WELL FLOWED 720 BBLs WATER.
<b>TOTAL HOURS</b>		<b>17.00</b>	

SUMMARY OF RIG HOURS		
DESC.	DAILY (hrs)	CUM (hrs)
MI & RU		
NU/ND		
Drill		
Trip		
Circulate		
Rig Repair		
Rig Service		
Dev Survey		
Run Csg		
Cementing		
WOC		
Logging		
Mix Mud		
Perf		
Frac		
Acidize		
Swab		
Flow		
Fishing		
Other		
<b>TOTALS</b>		

DESCRIPTION OF DAILY & CUMULATIVE COSTS				
COST CODE	DESCRIPTION OF DAILY COSTS	DAILY (\$)	CUMULATIVE (\$)	AFE (\$)
860.1 & 302	Surface Acquisition, ROWS, Damages & Building Road & Location			
860.305	Mobilization/ Demobilization			
860.304	Rig Daywork			
860.307	Drilling Mud			
860.308	Cementing Services			
860.08	Trucking TIGER	\$ 400	\$ 2,825	
860.205	Rental Equipment-BOP's, DO & DC's, Choke Manifold, ETC		\$ 1,200	
860.309	Cement Tools- Float Eqpt, Stage Collars, Centralizer, Etc			
860.310 & 316	Wire Line Services- Logging & Perforating			
860.403	Supervision- Wellstie, Engineering			
860.311	Mud Logging, Data Recording, or Gas Detector			
860.640	Misc. Intang - Safety, Supplies, Taxes, Welding, Etc.			
860.240	Water Hauling, Hot Oil	\$ 1,360	\$ 1,760	
860.314	Bits, Reamers, Stabilizers, Shock Subs, Jars, Etc GRACO AIR PKG.		\$ 17,334	
825.100 & 200	Surface and Production Casing			
860.319	Completion Rig	\$ 4,103	\$ 17,763	
860.318	Formation Stimulation - Sand Control			
825.300,350,400&500	Other Misc Tangible Well Eqpt- Wellhead, Artificial Lift Eqpt, Tubing, ETC			
825.550, 600 & 650	Other Misc Lease Eqpt GRACO AIR PACKAGE	\$ 3,950	\$ 7,517	
	Other, Hot oiler.			
<b>TOTAL COSTS</b>		<b>\$ 9,813</b>	<b>\$ 48,399</b>	<b>\$ 333,850</b>

**NOV 19 2004**

**EVERGREEN CORPORATION, INC.**

OPERATOR	EVERGREEN CORPORATION, INC.
WELL NAME	SHIMMIN TRUST 11-11
LEGAL LOCATION	SEC. 11. T 12 SOUTH. R 10 EAST
COUNTY, STATE	CARBON COUNTY, UTAH

06/02/04	TOTAL DEPTH	4485
REPORT NO.	PBTD	4,440
4	GROSS PERFS	3820 - 4335
RIG CONTRACTOR	LEED #669	SESSIONS/OMAN
CONSULTANT	AFE #	0504CGT-005

**DAILY COMPLETION REPORT**

PRESENT OPERATION			
PRESENT OPERATION	DAILY COSTS	CUMULATIVE COSTS	AFE COSTS
DRILLING UP CIBP	\$ 12,227	\$ 38,586	\$ 333,850

DAILY COMPLETION SUMMARY			
FROM (hrs)	TO (hrs)	HOURS (hrs)	DESCRIPTION OF DAILY OPERATIONS (06:00 - 06:00 hrs)
5:30	7:00	1.50	CREW TRAVEL
7:00	15:00	8.00	RIH TAGGED CIBP @ 3990'. HARD DRILLING ON CIBP. DRILLED SIX INCHES.
15:00	18:00	3.00	R/D POWER SWIVEL. POOH TALLING PIPE & COLLARS. TALLY OK. BIT WORN SDFN
18:00	19:30	1.50	CREW TRAVEL
TOTAL HOURS		14.00	

SUMMARY OF RIG HOURS		
DESC.	DAILY (hrs)	CUM (hrs)
MI & RU		
NU/ND		
Drill		
Trip		
Circulate		
Rig Repair		
Rig Service		
Dev Survey		
Run Csg		
Cementing		
WOC		
Logging		
Mix Mud		
Perf		
Frac		
Acidize		
Swab		
Flow		
Fishing		
Other		
TOTALS		

DESCRIPTION OF DAILY & CUMULATIVE COSTS				
COST CODE	DESCRIPTION OF DAILY COSTS	DAILY (\$)	CUMULATIVE (\$)	AFE (\$)
860.1 & 302	Surface Acquisition, ROWS, Damages & Building Road & Location			
860.305	Mobilization/ Demobilization			
860.304	Rig Daywork			
860.307	Drilling Mud			
860.308	Cementing Services			
860.08	Trucking TIGER, NEBEKER, J-WEST	\$ 1,515	\$ 2,425	
860.205	Rental Equipment-BOP's, DO & DC's, Choke Manifold, ETC	\$ 300	\$ 1,200	
860.309	Cement Tools- Float Eqpt, Stage Collars, Centralizer, Etc			
860.310 & 316	Wire Line Services- Logging & Perforating			
860.403	Supervision- Wellstie, Engineering			
860.311	Mud Logging, Data Recording, or Gas Detector			
860.640	Misc Inlang - Safety, Supplies, Taxes, Welding, Etc			
860.240	Water Hauling, Hot Oiler		\$ 400	
860.314	Bits, Reamers, Stabilizers, Shock Subs, Jars, Etc GRACO AIR PKG.	\$ 3,475	\$ 17,334	
825.100 & 200	Surface and Production Casing			
860.319	Completion Rig	\$ 3,370	\$ 13,660	
860.318	Formation Stimulation - Sand Control			
825.300,350,400&500	Other Misc Tangible Well Eqpt- Wellhead, Artificial Lift Eqpt, Tubing, ETC	\$ 3,567	\$ 3,567	
825.550, 600 & 650	Other Misc Lease Eqpt GRACO AIR PACKAGE			
	Other, Hot oiler.			
TOTAL COSTS		\$ 12,227	\$ 38,586	\$ 333,850

**NOV 19 2004**

**EVERGREEN CORPORATION, INC.**

OPERATOR <b>EVERGREEN CORPORATION, INC.</b>
WELL NAME <b>SHIMMIN TRUST 11-11</b>
LEGAL LOCATION <b>SEC. 11. T 12 SOUTH. R 10 EAST</b>
COUNTY, STATE <b>CARBON COUNTY, UTAH</b>

DATE <b>11/04</b>	TOTAL DEPTH <b>4485</b>
REPORT <b>3</b>	PBTD <b>4,440</b>
RIG CONTRACTOR <b>LEED #669</b>	GROSS PERFS <b>3820 - 4335</b>
CONSULTANT <b>SESSIONS/OMAN</b>	AFE # <b>0504CGT-005</b>

**DAILY COMPLETION REPORT**

PRESENT OPERATION			
PRESENT OPERATION <b>DRILLING CIBP</b>	DAILY COSTS <b>\$ 18,839</b>	CUMULATIVE COSTS <b>\$ 26,359</b>	AFE COSTS <b>\$ 333,850</b>

DAILY COMPLETION SUMMARY			
FROM (hrs)	TO (hrs)	HOURS (hrs)	DESCRIPTION OF DAILY OPERATIONS (06:00 - 06:00 hrs)
5:30	7:00	1.50	CREW TRAVEL
7:00	17:00	10.00	RIH TAGGED FILL @ 3390'. DRILLED SOFT CEMENT FROM 3390' TO 3900'. HARD CEMENT FROM 3900' TO 3990'. TAGGED CIBP @ 3990'.
17:00	18:00	1.00	CIRC HOLE CLEAN. R/D POWER SWIVEL. POOH W/30 JTS TBG. SDFN
18:00	19:30	1.50	CREW TRAVEL
<b>TOTAL HOURS</b>		<b>14.00</b>	

SUMMARY OF RIG HOURS		
DESC.	DAILY (hrs)	CUM (hrs)
MI & RU		
NU/ND		
Drill		
Trip		
Circulate		
Rig Repair		
Rig Service		
Dev Survey		
Run Csg		
Cementing		
WOC		
Logging		
Mix Mud		
Perf		
Frac		
Acidize		
Swab		
Flow		
Fishing		
Other		
<b>TOTALS</b>		

DESCRIPTION OF DAILY & CUMULATIVE COSTS				
COST CODE	DESCRIPTION OF DAILY COSTS	DAILY (\$)	CUMULATIVE (\$)	AFE (\$)
860.1 & 302	Surface Acquisition, ROWS, Damages & Building Road & Location			
860.305	Mobilization/ Demobilization			
860.304	Rig Daywork			
860.307	Drilling Mud			
860.308	Cementing Services			
860.08	Trucking	\$ 910	\$ 910	
860.205	Rental Equipment-BOP's, DO & DC's, Choke Manifold, ETC	\$ 300	\$ 900	
860.309	Cement Tools- Float Eqpt, Stage Collars, Centralizer, Etc			
860.310 & 316	Wire Line Services- Logging & Perforating			
860.403	Supervision- Wellstie, Engineering			
860.311	Mud Logging, Data Recording, or Gas Detector			
860.640	Misc. Intang - Safety, Supplies, Taxes, Welding, Etc.			
860.240	Water Hauling, Hot Oil	\$ 400	\$ 400	
860.314	Bits, Reamers, Stabilizers, Shock Subs, Jars, Etc	\$ 13,859	\$ 13,859	
825.100 & 200	Surface and Production Casing			
860.319	Completion Rig	\$ 3,370	\$ 10,290	
860.318	Formation Stimulation - Sand Control			
825.300,350,400&500	Other Misc Tangible Well Eqpt- Wellhead, Artificial Lift Eqpt, Tubing, ETC			
825.550, 600 & 650	Other Misc Lease Eqpt GRACO AIR PACKAGE			
	Other, Hot oiler.			
<b>TOTAL COSTS</b>		<b>\$ 18,839</b>	<b>\$ 26,359</b>	<b>\$ 333,850</b>

**NOV 19 2004**

# EVERGREEN CORPORATION, INC.

<b>OPERATOR</b> EVERGREEN CORPORATION, INC.
<b>WELL NAME</b> SHIMMIN TRUST 11-11
<b>LEGAL LOCATION</b> SEC. 11, T 12 SOUTH, R 10 EAST
<b>COUNTY, STATE</b> CARBON COUNTY, UTAH

<b>DATE</b> 05/28/04	<b>TOTAL DEPTH</b> 4485
<b>REPORT NO.</b> 2	<b>PBTD</b> 4,440
<b>RIG CONTRACTOR</b> LEED #669	<b>GROSS PERFS</b> 3820 - 4335
<b>CONSULTANT</b> SESSIONS/OMAN	<b>AFE #</b> 0504CGT-005

## DAILY COMPLETION REPORT

PRESENT OPERATION			
PRESENT OPERATION	DAILY COSTS	CUMULATIVE COSTS	AFE COSTS
CLEANING OUT TO PLUG BACK TD	\$ 3,970	\$ 7,520	\$ 333,850

DAILY COMPLETION SUMMARY			
FROM (hrs)	TO (hrs)	HOURS (hrs)	DESCRIPTION OF DAILY OPERATIONS (06:00 - 06:00 hrs)
5:30	7:00	1.50	CREW TRAVEL
7:00	7:30	0.50	R/U FOAM UNIT
7:30	18:00	10.50	DRILLED CEMENT FROM 218' TO 530'. CEMENT STRINGERS FROM 530' TO 2843'. PRESSURE TEST CSG TO 2000 PSI. HELD. DRILL CEMENT AND CEMENT STRINGERS DOWN 3390'. HOLE CLEAN. POOH W/24 JTS TBG. SWIFN.
18:00	19:30	1.50	CREW TRAVEL
<b>TOTAL HOURS</b>		14.00	

SUMMARY OF RIG HOURS		
DESC.	DAILY (hrs)	CUM (hrs)
MI & RU		
NU/ND		
Drill		
Trip		
Circulate		
Rig Repair		
Rig Service		
Dev Survey		
Run Csg		
Cementing		
WOC		
Logging		
Mix Mud		
Perf		
Frac		
Acidize		
Swab		
Flow		
Fishing		
Other		
<b>TOTALS</b>		

DESCRIPTION OF DAILY & CUMULATIVE COSTS				
COST CODE	DESCRIPTION OF DAILY COSTS	DAILY (\$)	CUMULATIVE (\$)	AFE (\$)
860.1 & 302	Surface Acquisition, ROWS, Damages & Building Road & Location			
860.305	Mobilization/ Demobilization			
860.304	Rig Daywork			
860.307	Drilling Mud			
860.308	Cementing Services			
860.08	Trucking			
860.205	Rental Equipment-BOP's, DO & DC's, Choke Manifold, ETC	\$ 300	\$ 600	
860.309	Cement Tools- Float Eqpt, Stage Collars, Centralizer, Etc			
860.310 & 316	Wire Line Services- Logging & Perforating			
860.403	Supervision- Wellstie, Engineering			
860.311	Mud Logging, Data Recording, or Gas Detector			
860.640	Misc. Intang - Safety, Supplies, Taxes, Welding, Etc.			
860.240	Water Hauling, Hot Oilier			
860.314	Bits, Reamers, Stabilizers, Shock Subs, Jars, Etc			
825.100 & 200	Surface and Production Casing			
860.319	Completion Rig	\$ 3,670	\$ 6,920	
860.318	Formation Stimulation - Sand Control			
825.300,350,400&500	Other Misc Tangible Well Eqpt- Wellhead, Artificial Lift Eqpt, Tubing, ETC			
825.550 , 600 & 650	Other Misc Lease Eqpt GRACO AIR PACKAGE			
	Other, Hot oilier.			
<b>TOTAL COSTS</b>		<b>\$ 3,970</b>	<b>\$ 7,520</b>	<b>\$ 333,850</b>

NOV 19 2004

# EVERGREEN CORPORATION, INC.

<b>OPERATOR</b> EVERGREEN CORPORATION, INC.
<b>WELL NAME</b> SHIMMIN TRUST 11-11
<b>LEGAL LOCATION</b> SEC. 11. T 12 SOUTH. R 10 EAST
<b>COUNTY, STATE</b> CARBON COUNTY, UTAH

<b>05/27/04</b>		<b>TOTAL DEPTH</b> 4485
<b>REPORT NO.</b> 1	<b>PBTD</b> 4,440	
<b>RIG CONTRACTOR</b> LEED #669	<b>GROSS PERFS</b> 3820 - 4335	
<b>CONSULTANT</b> SESSIONS/OMAN	<b>AFE #</b> 0504CGT-005	

## DAILY COMPLETION REPORT

PRESENT OPERATION			
PRESENT OPERATION	DAILY COSTS	CUMULATIVE COSTS	AFE COSTS
PESSURE TEST BOP'S & DRILL OUT PLUG	\$ 3,550	\$ 3,550	\$ 333,850

DAILY COMPLETION SUMMARY			
FROM (hrs)	TO (hrs)	HOURS (hrs)	DESCRIPTION OF DAILY OPERATIONS (06:00 - 06:00 hrs)
5:30	7:00	1.50	CREW TRAVEL
7:00	14:30	7.50	R/U RIG. N/D WELLHEAD N/U BOP'S. R/U HARD LINES FROM WELL HEAD TO PUMP & TANKS. R/U POWER SWIVEL. N/U BIT. P.U. DRILL COLLARS. CLEANED OUT CASING TO HARD CEMENT @ 218'. POOH W/COLLARS & BIT. CALLED MARK WITH STATE OF UTAH TO PRESSURE TEST. NO ANSWER. LEFT FOUR MESSAGES THROUGH OUT THE MORNING TELLING HIM WHAT TIME WE WOULD PRESSURE TEST BOP'S AND ASKED HIM TO RETURN MY CALL. NO RETURN CALL. PRESSURE TESTED BOP'S TO 2000 PSI. HELD
14:30	18:00	3.50	RIH W/BIT & COLLARS. DRILLED HARD CEMENT TO 515'. CIRC HOLE CLEAN. POOH TO 200'. SDFN
18:00	19:30	1.50	CREW TRAVEL
<b>TOTAL HOURS</b>		14.00	

SUMMARY OF RIG HOURS		
DESC.	DAILY (hrs)	CUM (hrs)
MI & RU		
NU/ND		
Dnll		
Trip		
Circulate		
Rig Repair		
Rig Service		
Dev Survey		
Run Csg		
Cementing		
WOC		
Logging		
Mix Mud		
Perf		
Frac		
Acidize		
Swab		
Flow		
Fishing		
Other		
<b>TOTALS</b>		

DESCRIPTION OF DAILY & CUMULATIVE COSTS				
COST CODE	DESCRIPTION OF DAILY COSTS	DAILY (\$)	CUMULATIVE (\$)	AFE (\$)
860.1 & 302	Surface Acquisition, ROWS, Damages & Building Road & Location			
860.305	Mobilization/ Demobilization			
860.304	Rig Daywork			
860.307	Drilling Mud			
860.308	Cementing Services			
860.08	Trucking			
860.205	Rental Equipment-BOP's, DO & DC's, Choke Manifold, ETC	\$ 300	\$ 300	
860.309	Cement Tools- Float Eqpt, Stage Collars, Centralizer, Etc			
860.310 & 316	Wire Line Services- Logging & Perforating			
860.403	Supervision- Wellstie, Engineering			
860.311	Mud Logging, Data Recording, or Gas Detector			
860.640	Misc. Intang - Safety, Supplies, Taxes, Welding, Etc			
860.240	Water Hauling, Hot Oilier			
860.314	Bits, Reamers, Stabilizers, Shock Subs, Jars, Etc			
825.100 & 200	Surface and Production Casing			
860.319	Completion Rig	\$ 3,250	\$ 3,250	
860.318	Formation Stimulation - Sand Control			
825.300,350,400&500	Other Misc Tangible Well Eqpt- Wellhead, Artificial Lift Eqpt, Tubing, ETC			
825.550, 600 & 650	Other Misc Lease Eqpt GRACO AIR PACKAGE			
	Other, Hot oilier.			
<b>TOTAL COSTS</b>		<b>\$ 3,550</b>	<b>\$ 3,550</b>	<b>\$ 333,850</b>

NOV 19 2004

**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>43-007-30166</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**

DIV. OF OIL, GAS & MINING

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:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: Carbon		
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: <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

(5/2000)

(See Instructions on Reverse Side)

**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



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 25, 2015

CERTIFIED MAIL NO. 7014 2870 0001 4232 4504

Ms. Wendy Clemente  
Blue Tip Castlegate, Inc.  
15810 Park Ten Place, Suite 160  
Houston, TX 77084

43 007 30166  
Shimmin Trust 11-11-12-10  
11 125 18E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Clemente:

As of January 2015, Blue Tip Castlegate, Inc. (Blue Tip) has three (3) State Lease Wells and four (4) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Three (3) of these wells were added to Blue Tip's SI/TA list in 2015 (attachment A).

The Castlegate ST 11-16H-12-10, Jensen ST 11C-34-11-9, Jensen 1-18-12-10, and Castlegate ST 4-16-12-10 wells (attachment A) have previously been issued notices of non-compliance. Blue Tip submitted requests for extended SI/TA status for these wells in September 2014. The Division denied the request due to Blue Tip failing to provide the necessary information showing good cause or wellbore integrity as required by rule R649-3-36. The Castlegate ST 11-16H-12-10 and Jensen ST 11C-34-11-9 wells are over five (5) years shut-in (attachment A) and must comply with R649-3-36-1.3.3 as stated below.

Blue Tip shall immediately submit plans and timeframes for each well stating which wells will be plugged, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. Each well needs an individual sundry filed meeting the SI/TA rules as listed below.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice via ePermit (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:



1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

**All Submittals should be sent via ePermit**

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js  
Enclosure

cc: Compliance File  
Well File  
LaVonne Garrison, SITLA  
N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

## Attachment A

	<b>Well Name</b>	<b>API</b>	<b>LEASE</b>	<b>Years Inactive</b>	<b>Prior Notice</b>
<b>1</b>	CASTLEGATE ST 11-16H-12-10	43-007-30961	ML-44443	8 years 7 Months	Reissued 2 <sup>ND</sup> NOTICE
<b>2</b>	JENSEN ST 11C-34-11-9	43-049-30024	ML-48060	5 years 4 months	Reissued 2 <sup>ND</sup> NOTICE
<b>3</b>	JENSEN 1-18-12-10	43-007-30718	FEE	3 years 2 months	NOTICED
<b>4</b>	CASTLEGATE ST 4-16-12-10	43-007-30785	ML-44443	3 years 5 months	NOTICED
<b>5</b>	SHIMMIN TRUST 5-14-12-10	43-007-30122	FEE	1 year 1 month	
<b>6</b>	SHIMMIN TRUST 11-11-12-10	43-007-30166	FEE	1 year 8 months	
<b>7</b>	SHIMMIN TRUST 1-11-12-10	43-007-30673	FEE	1 year 3 months	



UTAH DEPARTMENT OF NATURAL RESOURCES  
Division of Oil, Gas & Mining  
Oil and Gas Program  
1594 West North Temple, Suite 1210, Box 145801  
Salt Lake City, UT 84114-5801  
(801) 538-5340 Phone  
(801) 359-3940 Fax

Even though this well is not included in this violation, consider this as notice that this well is not in compliance and needs to be brought into compliance.

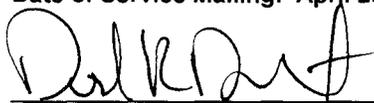
**Immediate Action: For the wells subject to this notice, Blue Tip Castlegate shall fulfill full cost bonding requirements for each well. Blue Tip Castlegate shall also submit all information as required by R649-3-36 or plug and abandon or place the well(s) on production.**

**\* Fines may be levied up to \$10,000.00 per day for every well in violation given the authority provided under U.C.A 40-6-11, part 4**

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining. Failure to comply with this notice will result in the Division pursuing further actions against said operator. Further actions may include initiation of agency actions to order full cost bonding and plugging and abandonment of wells and requests for bond forfeiture and civil penalties.

**Compliance Deadline: May 31, 2016**

**Date of Service Mailing: April 28, 2016      Certified Mail No.: 7015 0640 0003 5275 9925**



Division Representative Signature

Operator Representative (if presented in person)

cc: Compliance File  
Well Files  
LaVonne Garrison, SITLA

4/2016



UTAH DEPARTMENT OF NATURAL RESOURCES  
Division of Oil, Gas & Mining  
Oil and Gas Program  
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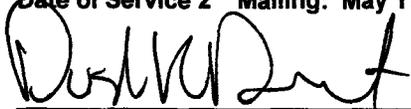
**\* Fines may be levied up to \$10,000.00 per day for every well in violation given the authority provided under U.C.A 40-6-11, part 4**

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining. Failure to comply with this notice will result in the Division pursuing further actions against said operator. Further actions may include initiation of agency actions to order full cost bonding and plugging and abandonment of wells and requests for bond forfeiture and civil penalties.

**Compliance Deadline: May 31, 2016**

~~Date of Service Mailing: April 28, 2016 Certified Mail No.: 7015 0640 0003 5275 9926~~

Date of Service 2<sup>nd</sup> Mailing: May 11, 2016 Certified Mail No.: 7015 0640 0003 5275 9994 (address change)



Division Representative Signature

Operator Representative (if presented in person)

cc: Compliance File  
Well Files  
LaVonne Garrison, SITLA

4/2016

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.

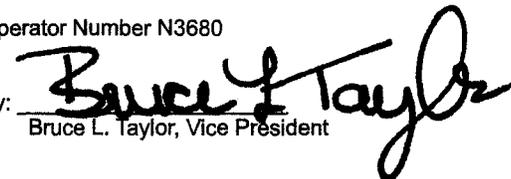
**CHANGE OF OPERATOR**

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

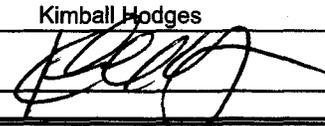
Operator Number N2855

By:   
Bruce L. Taylor, Vice President

**RECEIVED**  
**JUL 21 2016**

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

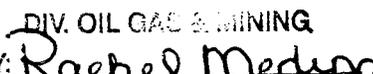
Be advised that Liberty Pioneer Energy Source, Inc. is responsible under the terms and conditions of the related leases for the operations conducted upon the leased lands. Bond coverage is covered by Bond No. RLB0012097.

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: 

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 Houston state TX zip 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 Kusen</u>
Address: <u>1411 East 840 North</u>	Signature: <u><i>Cory Kusen</i></u>
<u>city Orem state UT zip 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;

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**Fwd: LPES plans for the Castlegate field wells/Bonding**

2 messages

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**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

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—

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—

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—

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--  
Dayne Doucet  
Petroleum Engineer  
UDOGM  
801-538-5303

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 **Statewide Bond Proposal.pdf**  
421K

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**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.