

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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

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

2. NAME OF OPERATOR  
 Cockrell Oil Corporation

3. ADDRESS OF OPERATOR  
 1600 Smith Street, Suite 4600, Houston, Texas 77002-7348

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 2109' FNL, 2038' FEL (SW $\frac{1}{4}$ NE $\frac{1}{4}$ ) Section 9, T12S, R10E  
 At proposed prod. zone  
 Same As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately Eight (8) Miles North/Northeast of Helper, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 2038'

16. NO. OF ACRES IN LEASE  
 2473.31

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 3823.55'

19. PROPOSED DEPTH  
 5350'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7316' GR

22. APPROX. DATE WORK WILL START\*  
 September 1, 1991

5. LEASE DESIGNATION AND SERIAL NO.  
 UTU-65948

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Not Applicable

7. UNIT AGREEMENT NAME  
 Not Applicable

8. FARM OR LEASE NAME  
 1210-0907

9. WELL NO.  
 1

10. FIELD AND POOL, OR WILDCAT  
 Wildcat (X)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 9, T12S, R10E

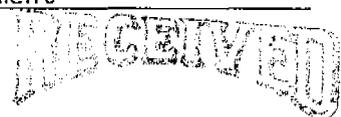
12. COUNTY OR PARISH  
 Carbon

13. STATE  
 Utah

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" WC-50	23.0#	0- 400'	320 sx Circulated to Surface *
7-7/8"	5-1/2" WC-70	17.0#	0-5350'	460 sx Cement

\* Cement volumes may change due to hole size.  
 Calculate from Caliper log.



JUN 03 1991

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

DIVISION OF  
OIL GAS & MINING

I hereby certify that Cockrell Oil Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the 1210-0907 #1, Federal Lease # UTU-65948. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Cockrell Oil Corporation, Statewide Bond # UT-0794, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application for Permit to Drill.

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 Felder Hollenshead TITLE Vice-President DATE May 14, 1991  
 (This space for Federal or State office use)

PERMIT NO. 43-007-30137 APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

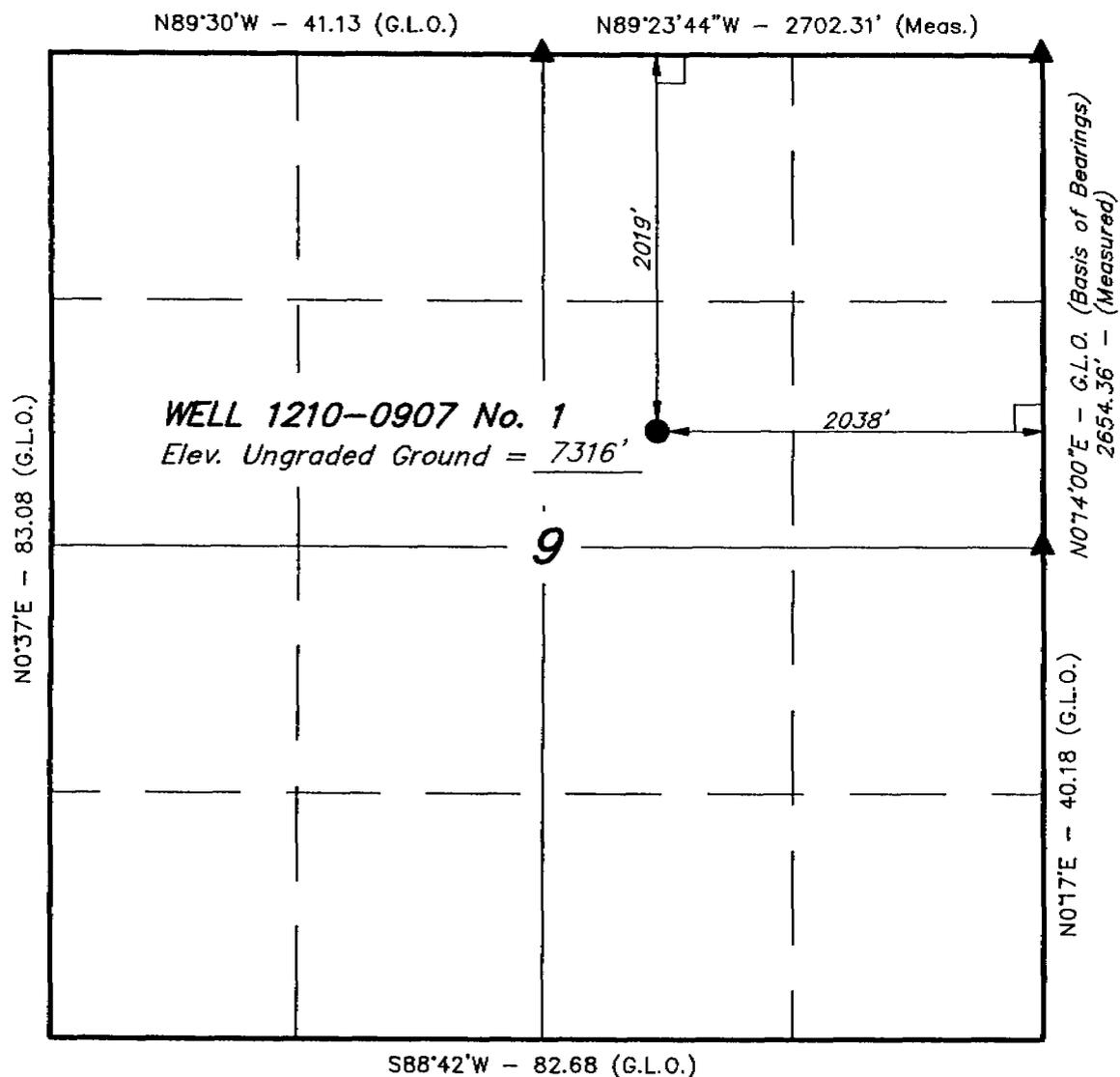
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 6-28-91  
BY: [Signature]  
WELL SPACING: 65-3-2

\*See Instructions On Reverse Side

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

**COCKRELL OIL CORP.**

Well location, WELL 1210-0907 No. 1, located as shown in the SW 1/4 NE 1/4 of Section 9, T12S, R10E, S.L.B.&M. Carbon County, Utah.



BASIS OF ELEVATION

BENCH MARK LOCATED IN THE SW 1/4 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**  
 P. O. BOX 1758 - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 3-21-91
PARTY D.A. K.L. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE COCKRELL OIL CORP.

▲ = SECTION CORNERS LOCATED. (Brass Caps)

COCKRELL OIL CORPORATION  
Lease #UTU-65948, 1210-0907 #1  
SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 9, T12S, R10E  
Carbon County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Flagstaff	Surface	Blackhawk	4100'
North Horn	300'	Starpoint	4800'
Price River	3300'	Total Depth	5350'
Castlegate	3800'		

2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:

Blackhawk	4100'	Gas (Primary Objective)
Starpoint	4800'	Gas (Primary Objective)

Any shallow water zones encountered will be adequately protected and reported; none anticipated. All potentially productive hydrocarbon zones will be cemented off.

3. Pressure Control Equipment: (Schematic Attached)

A. Type: 9-10" Double Gate Hydraulic.

The Blow-Out Preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Kill line (2-inch minimum).
4. One (1) kill line valve (2-inch minimum).
5. One (1) choke line valve.
6. Two (2) adjustable chokes.
7. Upper kelly cock valve with handle available.
8. Safety valve & subs to fit all drill strings in use.
9. 2-inch (minimum) choke line.
10. Fill-up line above the uppermost preventer.

B. Pressure Rating: 2000 psi

C. Testing Procedure:

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug).

3. Pressure Control Equipment:

C. Testing Procedure: Continued

Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day.

All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to close all BOP's and retain 200 psi above precharge. Nitrogen bottles which meet the manufacturer's specifications will be used as the backup to the required independent power source. The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in Onshore Operating Order #2.

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Operating Order #2.

3. Pressure Control Equipment:

F. Miscellaneous Information: Continued

The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

4. The Proposed Casing and Cementing Program: (All New)

A. Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
12-1/4"	8-5/8"	23.0#	WC-50	ST&C	0- 400'
7-7/8"	5-1/2"	17.0#	WC-70	LT&C	0-5350'

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

B. Cementing Program:

Surface Casing : Lead with approximately 25 sx Pozmix "A" as scavenger. Tail with approximately 295 sx Premium cement with 2% CaCl<sub>2</sub> + 0.25 #/sx Flocele, circulated to surface with 100% excess.

Production Casing : First Stage, 25 sx Silica HiFill as scavenger followed by 275 sx 50/50 Pozmix with 2% gel, 0.6% Halad 322 + 0.25 #/sx Flocele.

Production Casing : Second Stage, 160 sx Silica HiFill cement circulated to surface.

4. The Proposed Casing and Cementing Program:

B. Cementing Program: Continued

A greater amount of cement will be used if necessary to ensure that all potentially productive hydrocarbon zones are cemented off. Fill-up to be determined from logs.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. Mud Program: (Visual Monitoring)

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0- 400'	FW/Gel/Caustic	8.3-8.7	40-45	No Control
400-5350'	FW/Gel/Caustic	8.7-9.1	38-45	10-20 cc's

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. Evaluation Program:

Logs

Dual Induction Guard : 5350' - 400'  
Spectral Density/Dual Spaced Neutron : 5350' - 400'  
High Resolution Spectral Density : 5350' - 400'  
Microlog : 5350' - 400'

DST's

None Anticipated.

Cores

None anticipated.

Evaluation Program may change at the discretion of the well-site geologist, with prior approval from the Authorized Officer, Moab District Office, Bureau of Land Management, P.O. Box 970, Moab, Utah 84532-0970.

6. Evaluation Program: Continued

Stimulation

No stimulation or frac treatment has been formulated for this test at this time. The drill site, as approved, will be of sufficient size to accommodate all completion activities.

Whether the well is completed as a dry hole or as a producer, Well Completion and Recompletion Report and Log (Form 3160-4) will be submitted to the Moab District Office not later than thirty (30) days after the completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164.

Two (2) copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the District Manager, Moab District Office, Bureau of Land Management.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been reported or is known to exist from previous drilling in this area at this depth.

Maximum anticipated bottom hole pressure equals approximately 2,322 psi (calculated at 0.434 psi/foot) and maximum anticipated surface pressure equals approximately 1,145 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates and Notification of Operations:

A. Anticipated Starting Dates:

Anticipated Commencement Date : September 1, 1991  
Drilling Days : Approximately 14 Days  
Completion Days : Approximately 5 days

B. Notification of Operations:

The spud date will be reported orally to the Moab District Office, Bureau of Land Management WITHIN 48 HOURS FOLLOWING SPUDDING, unless otherwise required.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations: Continued

A follow-up report on Form 3160-5 confirming the date of spud will be promptly submitted to the Moab District Office.

All wells, whether drilling, producing, or abandoned shall be identified in accordance with 43 CFR 3162.6. This requires the name of the operator, the lease number, the well number and the location of the well.

In accordance with Onshore Operating Order #1, this well will be reported on MMS Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with the Royalty Management Program, Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217.

Spills, blowouts, fires, leaks, accidents, theft, or any other unusual occurrences will be promptly reported to the Moab District Office in accordance with NTL-3A.

No well abandonment operations will be commenced without the prior approval of the District Manager or his authorized representative. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Petroleum Engineer. A "Notice of Intention to Abandon" (Form 3160-5) will be filed with the District Manager within fifteen (15) days following the granting of oral approval to abandon.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The following information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch: "Fed" or "Ind", as applicable; Company Name, Well Name and Number, Location by Quarter/Quarter, Section, Township, Range, and Federal or Indian Lease Number.

A "Subsequent Report of Abandonment" (Form 3160-5) will be submitted within thirty (30) days following the actual plugging of the well bore.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations: Continued

This report will indicate where plugs were placed and the current status of surface restoration operations. If surface restoration has not been completed at that time, a follow-up report on Form 3160-5 will be filed when all surface restoration work has been completed and the location is considered ready for final inspection.

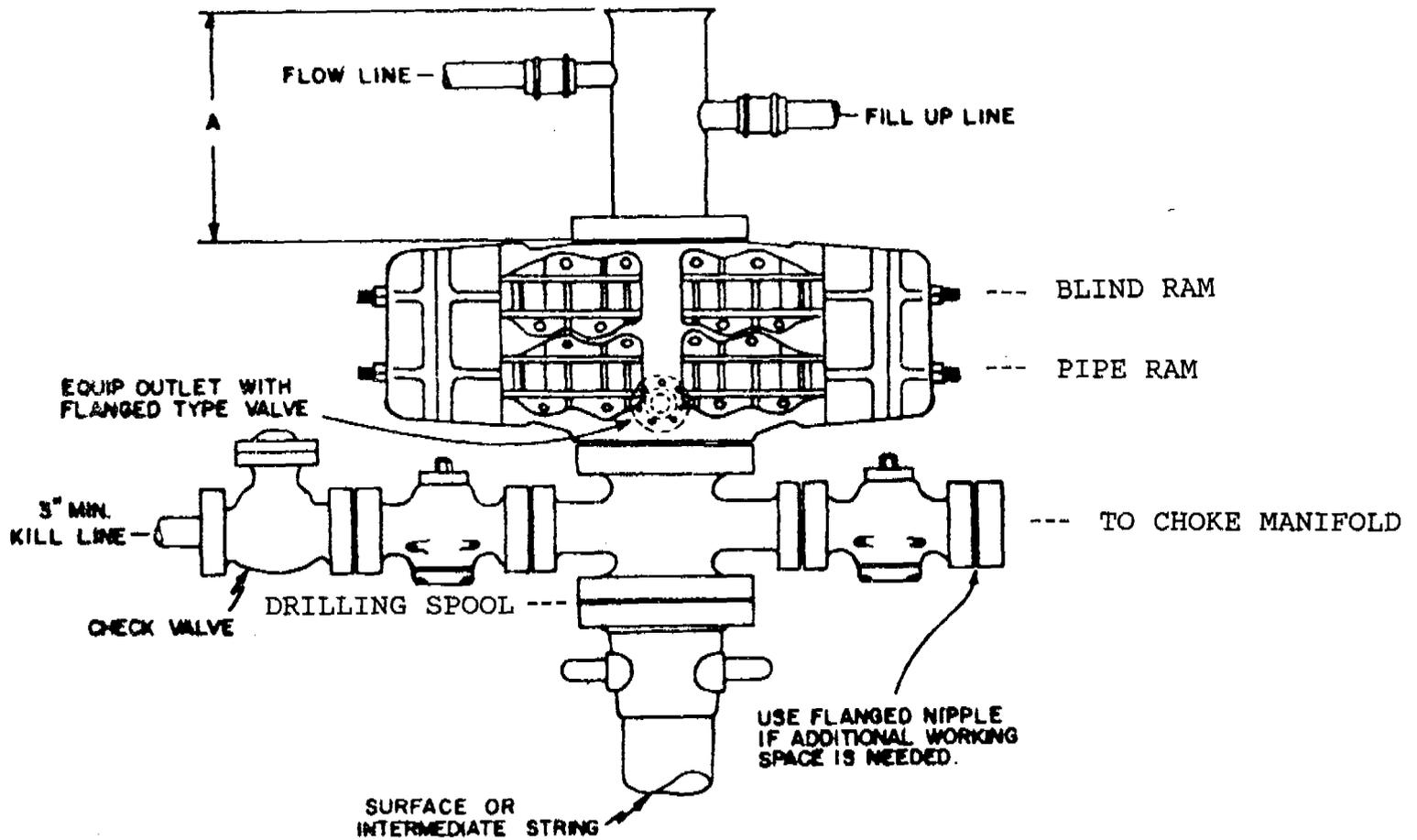
Approval to vent/flare gas during initial well evaluation will be obtained from the Moab District Office. This preliminary approval will not exceed thirty (30) days or fifty (50) MCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to the guidelines contained in NTL-4A.

Not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than ninety (90) days, the operator shall notify the Authorized Officer by letter or "Sundry Notice", of the date on which such production has begun or resumed. The notification shall provide as a minimum, the following informational items:

- a. Operator name, address, and telephone number
- b. Well name and number
- c. Well location " $\frac{1}{4}$ ,  $\frac{1}{4}$ , Section, Township, Range, P.M."
- d. Date well was placed in a producing status
- e. The nature of the wells production, i.e.: crude oil casing gas, or natural gas and entrained liquid hydrocarbons.
- f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, ie.: state or private.
- g. As appropriate, the communitization agreement number, the unit agreement name, number and participating area name.

COCKRELL OIL CORPORATION  
Lease #UTU-65948, 1210-0907 #1  
SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 9, T12S, R10E  
Carbon County, Utah

TYPICAL 2,000 psi WORKING PRESSURE BOP STACK



## BOP ACTUATING SYSTEM

- 1) Accumulator capacity will supply  $1\frac{1}{2}$  times volume necessary to close all BOP equipment units with a minimum pressure of 203 psi above pre-charge pressure.
- 2) Accumulator back up system, supplied by a secondary power source independent of primary power source, will be provided with sufficient capacity to close all blowout preventers.
- 3) Locking devices will be provided on ram type preventers.
- 4) Primary BOP actuating control will be hydraulic and located either in the dog house or on the rig floor. Back up control will be provided by hand-wheel manual operation of BOP.

## CHOKE MANIFOLD

All valves & fittings will be rated at 2000# working pressure.

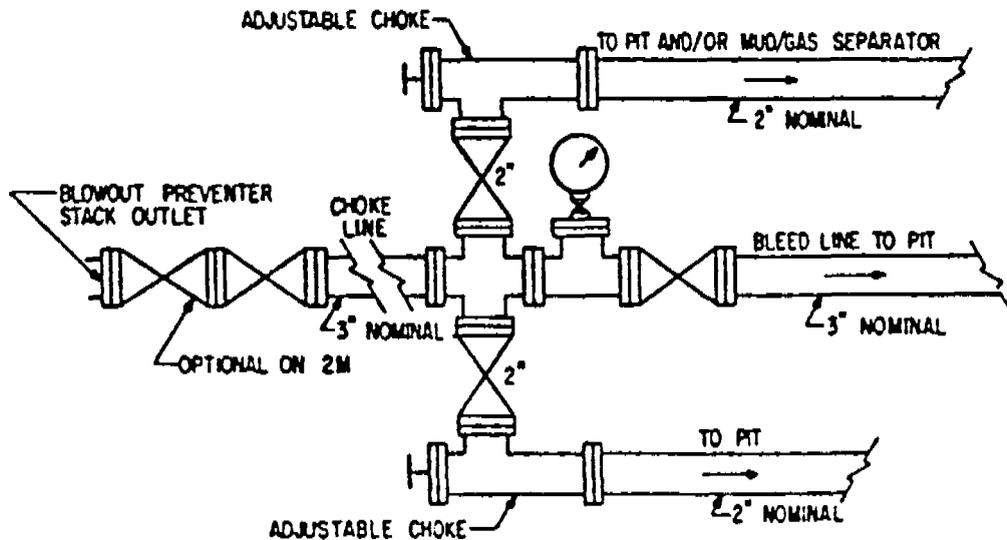


FIG. 3.A.1  
TYPICAL CHOKE MANIFOLD ASSEMBLY

COCKRELL OIL CORPORATION  
Lease #UTU-65948, 1210-0907 #1  
SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 9, T12S, R10E  
Carbon County, Utah

Multi-Point Surface Use and Operations Plan

1. Existing Roads: Refer to Maps "A" and "B" (shown in ORANGE)
  - A. The proposed well site is staked and two 200-foot reference stakes are present.
  - B. To reach the location from the town of Price, Utah; proceed generally north approximately 9.0 miles on U.S. Highway 191, thence generally northeast approximately 6.3 miles on U.S. Highway 191, thence generally west approximately 1.4 miles on an existing Carbon County road (a paved highway), thence generally southeast approximately 0.2 miles to the proposed 1210-0907 #1 well location.
  - C. Access roads - refer to Maps "A" and "B".
  - D. Access roads within a one (1) mile radius - refer to Map "B".
  - E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.
  
2. Planned Access Roads: Refer to Map "B" (shown in GREEN)

Approximately 0.2 miles of new road construction will be required for access to the proposed 1210-0907 #1 well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched.
- B. Construction standard - the access road will be constructed in accordance with Bureau of Land Management Rooding Guidelines established for oil and gas exploration and development activities as referenced in the BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition.

The access road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed and safe road.

2. Planned Access Roads:

B. Construction standard - Continued

Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely.

Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at a frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - 7%.
- D. Turnouts - turnouts will be constructed along the access route as necessary or required to allow for the safe passage of traffic. None anticipated at this time.
- E. Drainage design - the access road will be crowned, ditched, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.
- G. Gates, cattleguards or fence cuts - one (1) cattleguard will be required in an east/west trending fenceline along the county road right-of-way: SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 9, Township 12 South, Range 10 East.
- H. Surface materials - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials in the area, if required by the Authorized Officer, Bureau of Land Management. None anticipated at this time.

2. Planned Access Roads: Continued

- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards.

All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards.

The access road right-of-way will be kept free of trash during operations.

- J. The proposed road route has been centerline staked.

3. Location of Existing Wells Within a One-Mile Radius:

- A. Water wells - none known.
- B. Abandoned wells - none known.
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - none known.
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned By Cockrell Oil Corporation Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - none.
- 2. Production facilities - none.
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - none.

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty (20) feet from the toe of the backcut or top of the fill slope.
- 2. Production facilities will require an area approximately 250' X 125'.

4. Location of Existing and/or Proposed Facilities Owned By  
Cockrell Oil Corporation Within a One-Mile Radius:

B. New Facilities Contemplated - Continued

2. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval prior to commencement of installation operations.
3. Production facilities will be accommodated on the well pad. Construction materials needed for installation of the production facilities will be obtained from the site; any additional materials which may be needed will be purchased from a local supplier as required.

A dike will be constructed completely around any production facilities containing liquid hydrocarbons (i.e., production tanks, produced water tanks and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 1.5 times the capacity of the largest tank, and be independent of the back cut.

4. All permanent above-the-ground structures, tank batteries, etc. that will remain longer than six months will be painted Carlsbad Canyon (Munsell standard color 2.5Y 6/2). The exception being that Occupation Health and Safety Act Rules and Regulations will be complied with where special safety colors are required.
- C. The production pit will be fenced sheep-tight with woven wire mesh topped with two (2) strands of barbed wire held in place by side posts and wooden corner "H" braces in order to protect livestock and wildlife. Please refer to Item #9E (page #8) for additional information regarding these fencing specifications.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road and any additional areas specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer, Bureau of Land Management.

5. Location and Type of Water Supply:

- A. Produced water from existing coal bed methane wells owned by Cockrell Oil Corporation will be utilized for drilling operations.

Fresh water which may be required for drilling and/or completion operations will be obtained from Willow Creek at a point located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 10, T12S, R10E. Approval of an Application for Permit to Appropriate Surface Water will be obtained from the office of the Utah State Engineer prior to diversion of any water from Willow Creek.

- B. Water will be transported over existing roads via tank truck from the point of diversion to the proposed 1210-0907 #1 well location. No new road construction will be required on/along the proposed water haul route. No off-lease federal lands will be crossed on/along the proposed water haul route.
- C. No water well will be drilled on this location.

6. Source of Construction Materials:

- A. No construction materials will be needed for well pad construction; surface and subsurface soils will be sufficient. Refer to Item #2H (page #2) for additional information regarding any construction materials which may be required on the access road.
- B. No construction materials will be taken from Federal and/or Indian lands without prior approval from the appropriate Surface Management Agency.
- C. If production is established, any construction materials required for surfacing of the access road and installation of production facilities will be purchased from a local supplier having a previously approved (permitted) source of materials in the area.
- D. No new access roads for construction materials will be required.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve pit and allowed to evaporate.

9. Wellsite Layout: Continued

- A. Refer to Figure #1 for the location of the topsoil stockpiles.
- B. Figure #1 is a diagram showing the rig layout. No permanent living facilities are planned. There will be four trailers on location: one each for the drilling engineer, geologist, mud logger, and toolpusher.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval prior to the commencement of installation operations. Please refer to Item #4B2 (page #3) for additional information in this regard.
- D. We do not anticipate the need for a reserve pit liner at this time. However, if porous subsoil materials (i.e., gravel, sand, fractured rock structures, etc.) are encountered during the course of reserve pit construction, an impervious liner will be installed in order to prevent drilling water loss through seepage.

10. Plans for Reclamation of the Surface:

- A. Backfilling, leveling and re-contouring are planned as soon as the reserve pit has dried. All waste materials will be disposed of immediately upon termination of drilling and completion activities. If production is established, the unneeded areas of the location will be reclaimed as soon as the reserve pit has dried. For production, the fill slopes will be reduced from a 1.5:1 slope to a 3:1 slope and the cut slopes will be reduced from a 2:1 slope to a 3:1 slope by pushing the fill material back up into the cut.
- B. Upon completion of backfilling, leveling and recontouring, all disturbed surfaces (including the access road and well pad areas) will be scarified (ripped) and the stockpiled topsoil will be evenly spread over the reclaimed area(s). The seedbed will be prepared by disking on the contour to an approximate depth of four (4) to six (6) inches, leaving no depressions that would trap water or form ponds.
- C. All disturbed surfaces (including the access road and well pad areas) will be reseeded using a seed mixture to be recommended by the Authorized Officer, Bureau of Land Management. Seed will be drilled on the contour (or at right angles to the prevailing wind on level areas) with the seed drill set at a depth of one-half (1/2) inch.

7. Methods of Handling Waste Materials: Continued

- B. Drilling fluids - the reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of one-half (1/2) the total depth below the original ground level at the lowest point in the pit.
- C. Produced fluids - hydrocarbons produced during completion operations will be placed in test tanks on the location. Water produced during completion operations will be put into the reserve pit according to the provisions of Onshore Operating Order #7 (formerly NTL-2B). Any spills of potentially hazardous materials will be cleaned up and immediately removed to an approved waste disposal site.
- D. Sewage - portable, self-contained chemical toilets will be provided for human waste disposal. The toilet holding tanks will be pumped as necessary, and the contents thereof disposed of at an approved sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during drilling operations and the fencing will be maintained until such time as the pits are backfilled.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Figure #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. A minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site.

10. Plans for Reclamation of the Surface: Continued

- C. Fall seeding will be completed after September 1 and prior to ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to June 1.
- D. Three sides of the reserve pit will be fenced during drilling operations and the fourth side will be fenced immediately upon rig removal. Said fencing will consist of woven wire mesh with two (2) top strands of barbed wire held in place with side posts and wooden corner "H" braces in order to protect livestock and wildlife.
- E. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substance(s) will be flagged overhead or covered with wire mesh in order to protect migrating shorebirds and waterfowl.
- F. Reclamation operations will begin after the drilling rig has been removed. Removal of oil or other adverse substances will begin immediately or the affected area(s) will be flagged and/or fenced. Other clean-up will be done as needed. Re-seeding activities are considered best in the Fall, 1992, unless requested otherwise.

11. Surface Ownership:

That portion of the proposed access road route situated in the E $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 9, T12S, R10E is located on private surface estate owned by:

The TN Company  
c/o James T., Jerry J. and Dix Jensen  
190 North Carbon Avenue  
Price, Utah 84501  
Phone: (801) 637-1542

That portion of the proposed access road route situated in the NW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 9, and including the proposed well location are situated on surface estate owned by the United States of America and administered by:

Area Manager  
Price River Resource Area Office  
Bureau of Land Management  
900 North 7th East  
Price, Utah 84501  
Phone: (801) 637-4584

11. Surface Ownership: Continued

I hereby certify that Cockrell Oil Corporation will enter into "good faith" negotiations with representatives of The TN Company in an attempt to reach an equitable agreement with said party as to the requirements for the protection of surface resources and reclamation of disturbed areas and/or damages in lieu thereof. In the event an equitable agreement can not be reached with the TN Ranch, Cockrell Oil Corporation will comply with the provisions of the law and/or applicable regulations governing the Federal or Indian right of re-entry to the surface (43 CFR 3814).

\_\_\_\_\_  
Date

\_\_\_\_\_  
Robert M. Anderson/Authorized Agent

12. Other Information:

- A. General Description of the Project Area: The project area is situated in east central Utah in an area locally known as Emma Park. This area is classified as a "high plains steppe" (cold desert) and is bounded by the Roan Cliffs to the north, the Book Cliffs to the south, Price Canyon to the west, and the Badland Cliffs to the north-east.

The well location is situated in the uplands west of both Summit and Willow Creeks, west of Antoine Creek, and north of Deep Canyon. This area is generally characterized by moderately to severely undulating upland areas which are dissected by numerous, dendritically-patterned ephemeral drainages of Willow Creek and the Price River.

This area exhibits a sparse to moderate vegetation density which is typical of semi-arid areas at elevations above 7,000 feet. Local flora consists of western wheatgrass, mountain brome, prairie junegrass, threadleaf sedge, prickly pear cactus, sagebrush, rabbitbrush, snakeweed, and serviceberry at the lower elevations with oakbrush, mountain mahogany, aspen, juniper, fir and pine trees at the higher elevations and on protected slopes. Local fauna consists of elk, mule deer, antelope, coyotes, rabbits, raptors, and various smaller vertebrate and invertebrate species.

12. Other Information:

A. General Description of the Project Area: Continued

There are no known threatened or endangered species (currently listed) that would be potentially impacted by construction, drilling and/or production operations on the proposed 1210-0907 #1 well location.

B. Surface Use Activities: The primary surface use is for grazing.

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites:

1. The closest source of permanent water is Willow Creek, located approximately two (2) miles to the east.
2. The closest occupied dwellings are located in the town of Helper, located approximately ten (10) miles to the southwest.
3. If historic or archaeological materials are uncovered, Cockrell Oil Corporation will suspend all operations that might further disturb such materials and immediately contact the Authorized Officer.

Within five (5) working days the Authorized Officer will inform Cockrell Oil Corporation as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

12. Other Information:

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites: Continued

3. If Cockrell Oil Corporation wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, Cockrell Oil Corporation will be responsible for mitigation costs.

The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that the required mitigation has been completed, Cockrell Oil Corporation will then be allowed to resume construction.

13. Lessee's or Operator's Representative and Certification:

Representative

Cockrell Oil Corporation  
Feldor Hollenshead, Vice President/Drilling & Production  
1600 Smith Street, Suite 4600  
Houston, Texas 77002-7348  
Phone: (713) 651-1271

Heitzman Drill-Site Services\*  
Dale Heitzman and/or Robert M. Anderson  
P.O. Drawer 3579  
Casper, Wyoming 82602  
Phone: (307) 266-4840

- \* Contact for any additional information which may be required for approval of this Application for Permit to Drill.

Certification

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

13. Lessee's or Operator's Representative and Certification:

Certification

Cockrell Oil Corporation will be fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative(s) to ensure compliance.

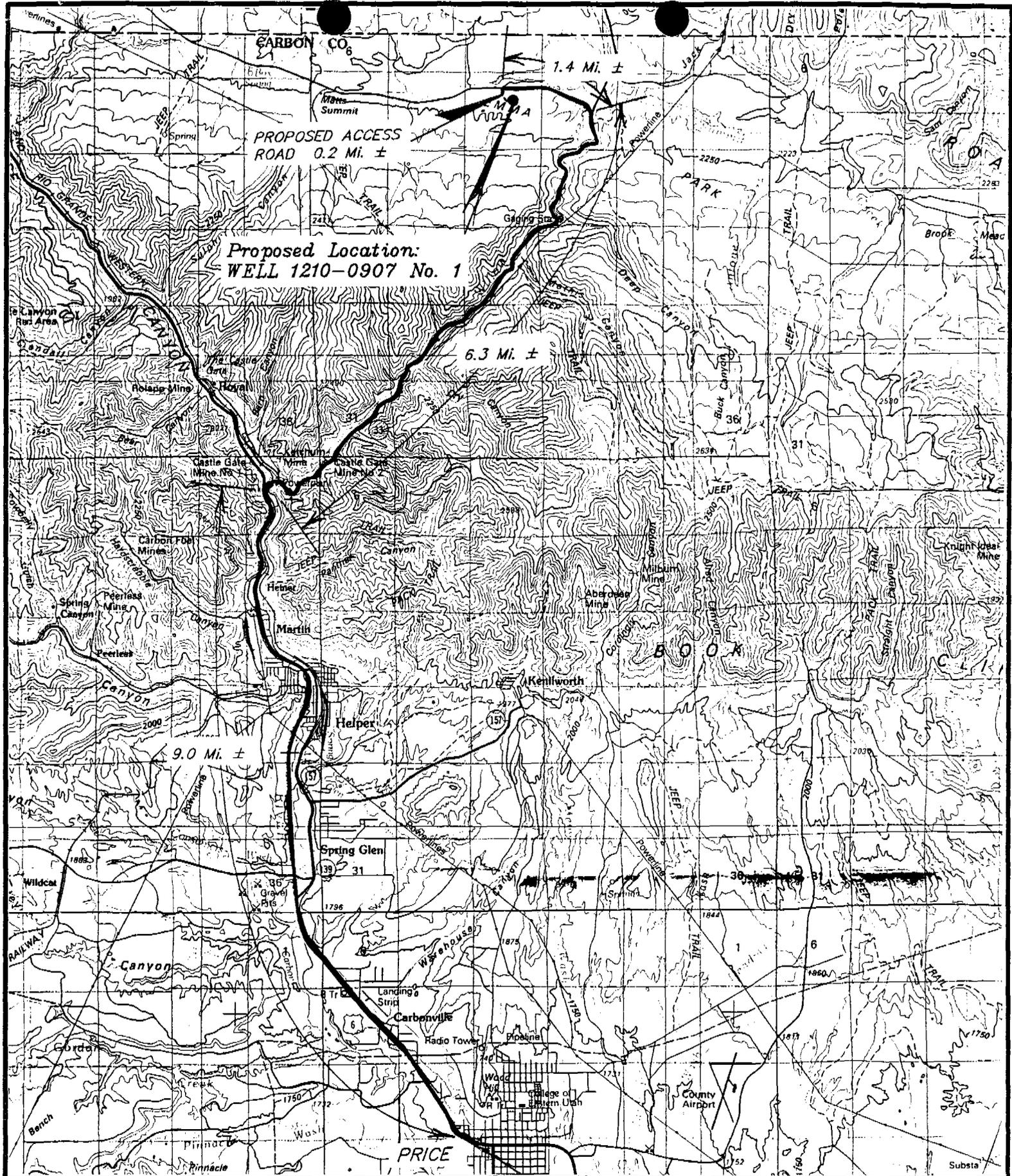
The dirt contractor will be provided with a copy of the Surface Use Plan from the approved Application for Permit to Drill.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Cockrell Oil Corporation, their contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

17 May 1991

Date

  
Robert M. Anderson/Authorized Agent



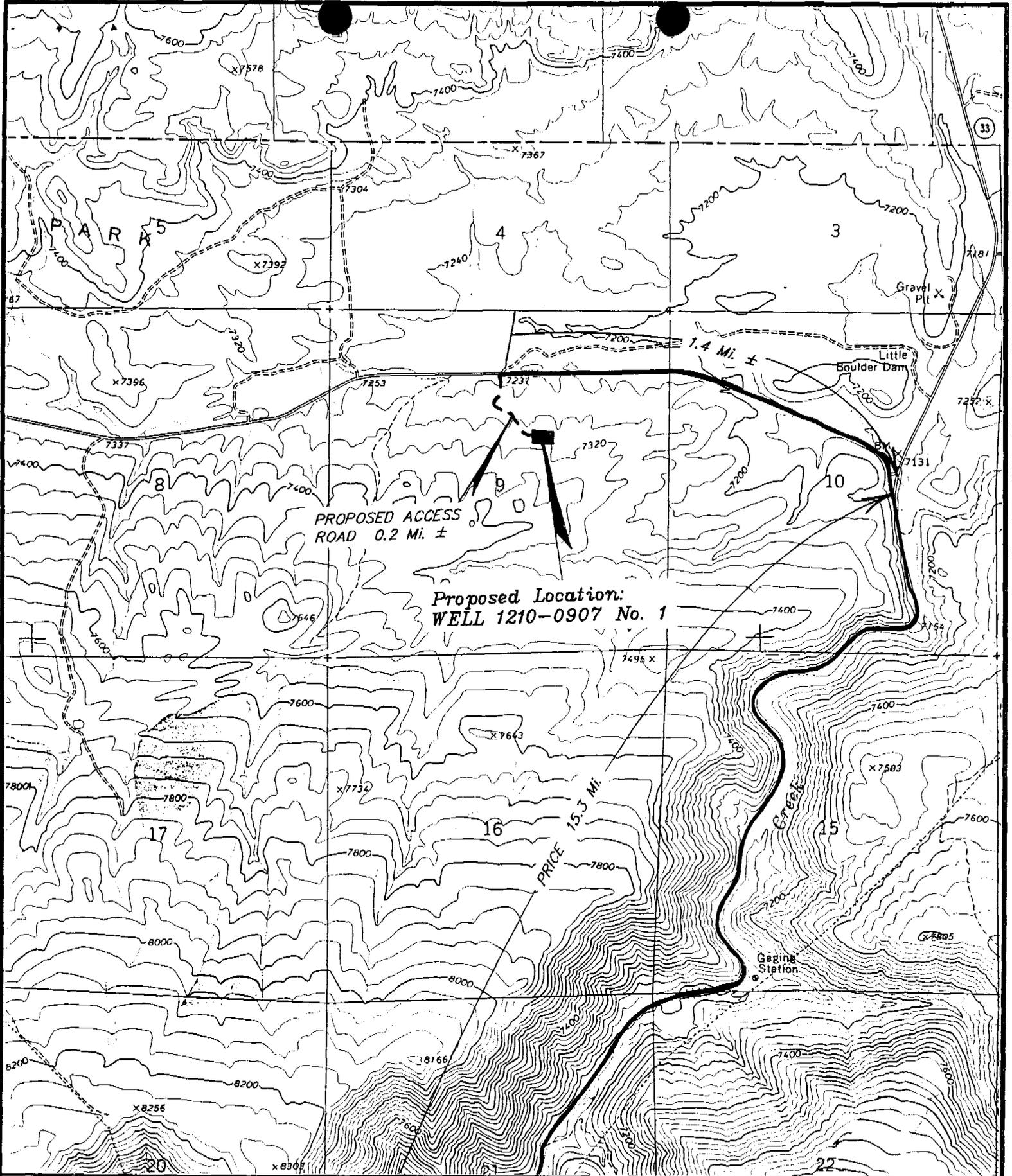
TOPOGRAPHIC  
MAP "A"

DATE: 3-20-91



**COCKRELL OIL CORP.**

WELL 1210-0907 No. 1  
SECTION 9, T12S, R10E, S.L.B.&M.



PROPOSED ACCESS ROAD 0.2 Mi. ±

Proposed Location:  
WELL 1210-0907 No. 1

PRICE 15.3 Mi.

TOPOGRAPHIC  
MAP "B"  
SCALE 1" = 2000'  
DATE: 3-20-91



COCKRELL OIL CORP.  
WELL 1210-0907 No. 1  
SECTION 9, T12S, R10E, S.L.B.&M.

UNIVERSITY

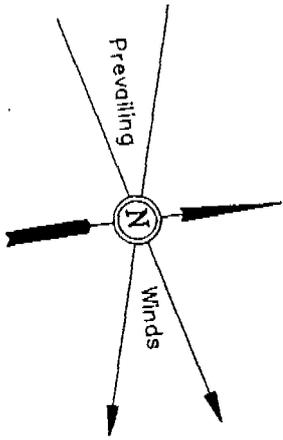
COCKRELL OIL CORP.

JUN 03 1991

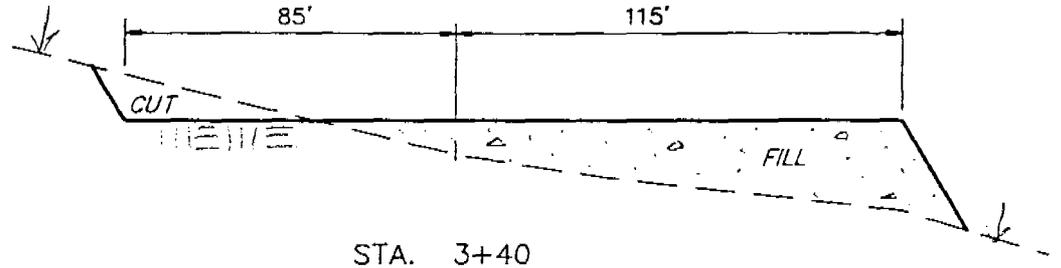
LOCATION LAYOUT FOR

DIVISION OF  
OIL GAS & MINING

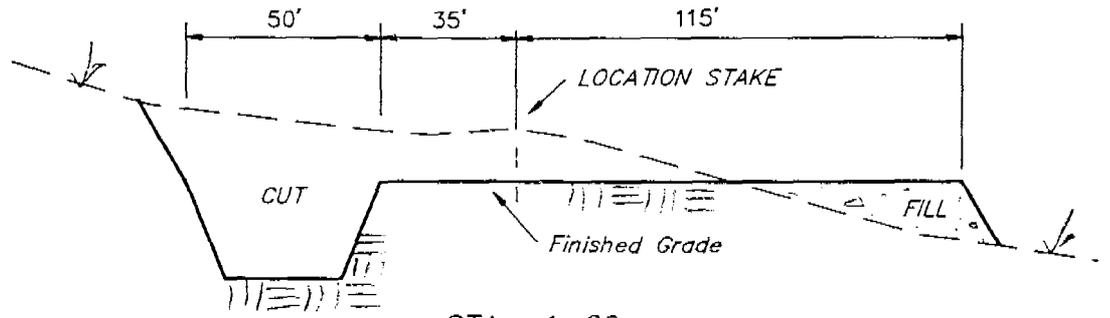
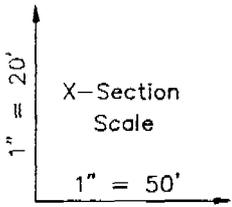
WELL 1210-0907 NO. 1  
SECTION 9, T12S, R10E, S.L.B.&M.



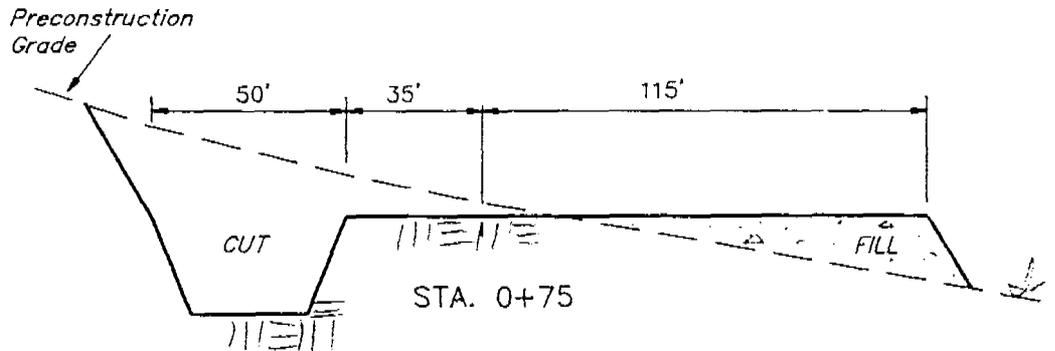
SCALE: 1" = 50'  
DATE: 3-21-91  
Drawn By: J.R.S.



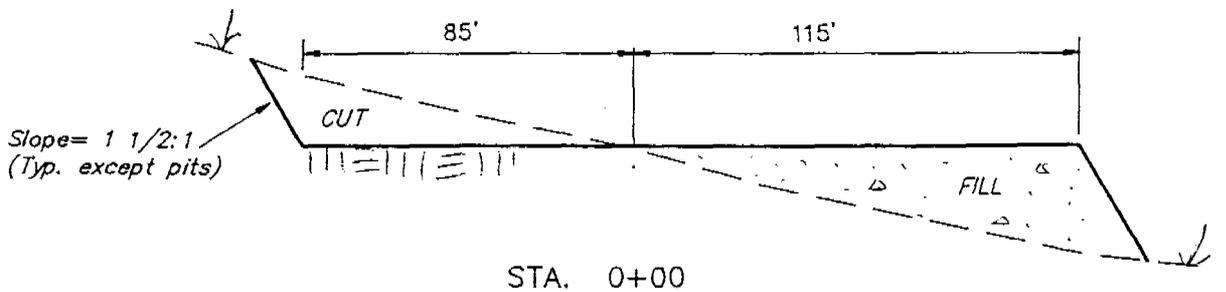
STA. 3+40



STA. 1+80



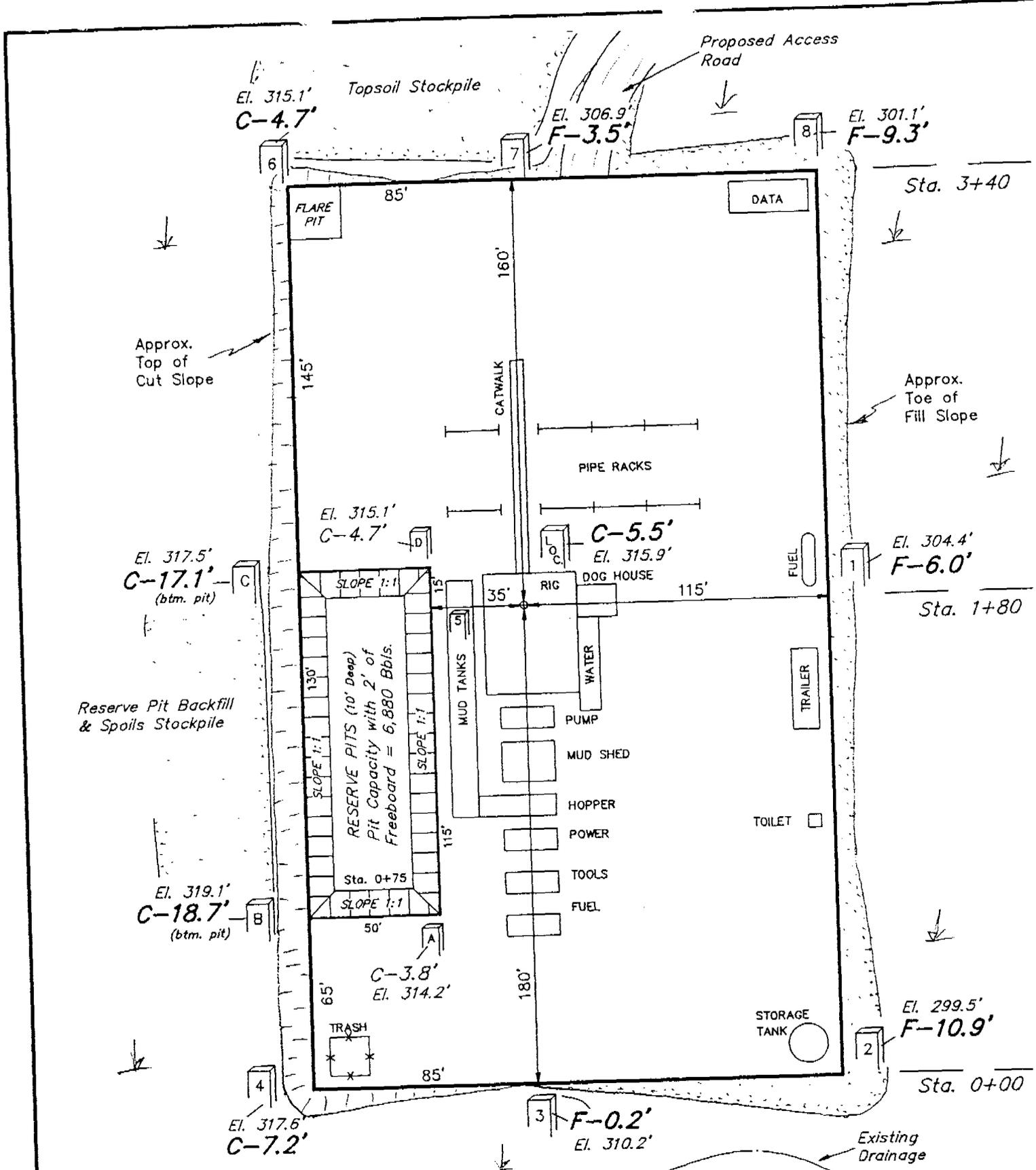
STA. 0+75



STA. 0+00

TYP. LOCATION LAYOUT  
TYP. CROSS SECTIONS

V. UNGRADED GROUND AT LOC. STAKE = 7315.9'  
V. GRADED GROUND AT LOC. STAKE = 7310.4'

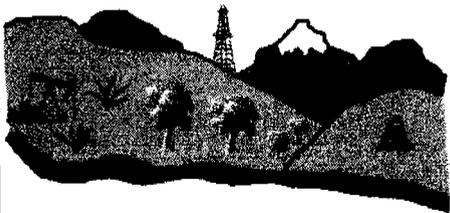


APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,300 Cu. Yds.
Remaining Location	= 7,250 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 8,550 CU.YDS.</b>
<b>FILL</b>	<b>= 6,030 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,200 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,190 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 10 Cu. Yds.

Existing Drainage



Utah Oil Gas and Mining

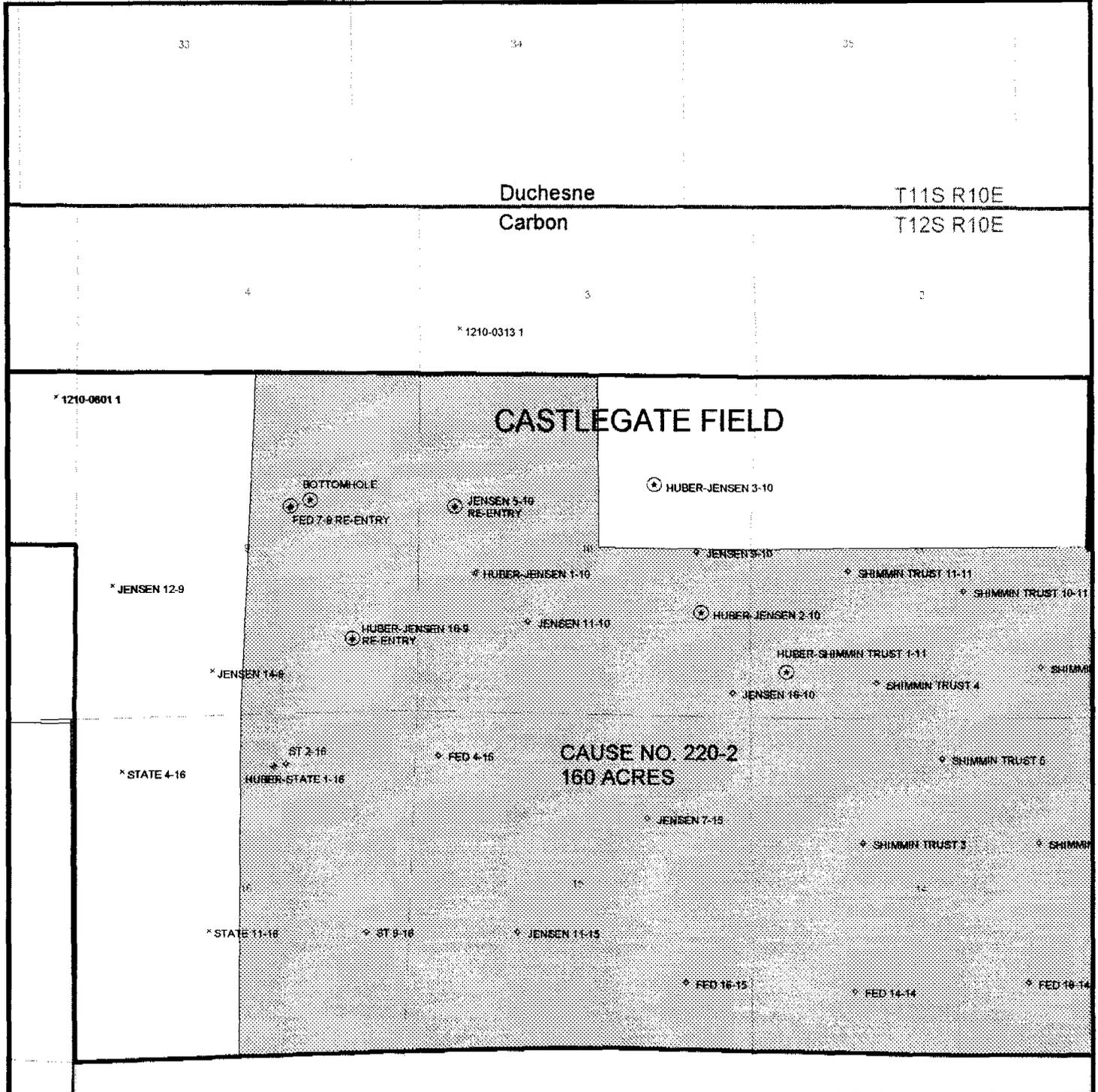
Serving the Industry, Protecting the Environment

OPERATOR: J.M. HUBER CORPORATION (N2380)

FIELD: CASTLEGATE (013)

SEC. 9 & 10, T 12 S, R 10 E,

COUNTY: CARBON CAUE NO. 220-2 160 ACRES



PREPARED  
DATE: 2-JUN-2000

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/25/2000

API NO. ASSIGNED: 43-007-30137

WELL NAME: HUBER-FEDERAL 7-9 *(ReEnter)*

OPERATOR: J M HUBER CORPORATION ( N2380 )

CONTACT: BRIAN WOOD, AGENT

PHONE NUMBER: 505-466-8120

PROPOSED LOCATION:

SWNE 09 120S 100E  
SURFACE: 2019 FNL 2038 FEL  
BOTTOM: ~~2009 FNL 1738 FEL~~ \*Cancelled 7-27-2000  
CARBON  
CASTLEGATE ( 13 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-65948

SURFACE OWNER: ~~4 Fee~~ 1 - Federal

PROPOSED FORMATION: ~~CSLGT~~ BLKHK

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed  Ind  Sta  Fee   
(No. 9287095 per op. 6/2/2000)
- Potash (Y/N)
- Oil Shale (Y/N) \*190 - 5 (B)
- 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: \_\_\_\_\_
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 220-2 (1/00)  
Eff Date: 7-9-93 \*well siting not listed.  
Siting: 460' fr. Dr. Unit boundary & 920' between wells.
- ~~R649-3-11. Directional Drill~~  
\*Cancelled 7-22-2000.

COMMENTS:

Had Permit.

STIPULATIONS:

① FEDERAL APPROVAL



COCKRELL OIL  
CORPORATION

1600 SMITH • SUITE 4600 • HOUSTON, TEXAS 77002-7348  
TELEPHONE 713/651-1271

May 31, 1991

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

Re: Application for Permit to Drill  
1210-0907 Well No. 1  
Carbon County, Utah

Gentlemen:

Enclosed please find two copies of the Application for Permit to Drill  
for the above referenced well in Carbon County, Utah.

If you have any questions regarding the above, please call me at  
(713) 750-9309.

Very truly yours,

B. E. Weichman  
Geologist

BEW:ys  
Enclosures

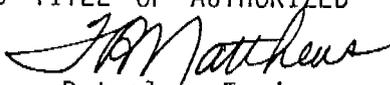
RECEIVED

JUN 03 1991

DIVISION OF  
OIL GAS & MINING

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:  
September 1, 1991
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:  
Cockrell Oil Corporation proposes to drill the 1210-0907 #1 well (wildcat) on federal lease U-65948, Carbon County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The U.S Bureau of Land Management is the primary administrative agency in this action and must issue approval before operations commence.
8. LAND AFFECTED (site location map required) (indicate county)  
SW/4, NE/4, Section 9, Township 12 South, Range 10 East, Carbon County, Utah
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:  
See Attachment
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
12. FOR FURTHER INFORMATION, CONTACT:  
Frank R. Matthews  
PHONE: 538-5340
13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL  
  
DATE: 6-10-91 Petroleum Engineer

WOI187

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/25/2000

API NO. ASSIGNED: 43-007-30137

WELL NAME: HUBER-FEDERAL 7-9 *(ReEnter)*

OPERATOR: J M HUBER CORPORATION ( N2380 )

CONTACT: BRIAN WOOD, AGENT

PHONE NUMBER: 505-466-8120

PROPOSED LOCATION:

SWNE 09 120S 100E  
SURFACE: 2019 FNL 2038 FEL  
BOTTOM: ~~2009 FNL 1738 FEL~~ \*Cancelled 7-27-2000  
CARBON  
CASTLEGATE ( 13 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-65948

SURFACE OWNER: ~~4 Fee~~ 1 - Federal

PROPOSED FORMATION: ~~CSLGT~~ BLKHK

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed  Ind  Sta  Fee   
(No. 9287095 per op. 6/2/2000)
- Potash (Y/N)
- Oil Shale (Y/N) \*190 - 5 (B)
- 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: \_\_\_\_\_
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 220-2 (1/00)  
Eff Date: 7-9-93 \*well siting not listed.  
Siting: 460' fr. Dr. Unit boundary E. 920' between wells.
- ~~R649-3-11. Directional Drill~~  
\*Cancelled 7-22-2000.

COMMENTS:

Had Permit.

STIPULATIONS:

① FEDERAL APPROVAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

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

5. Lease Designation and Serial No.  
UTU-65948

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

7. If Unit or CA, Agreement Designation  
N/A

8. Well Name and No.  
1210-0907 #1

9. API Well No.  
43-007-20137

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Carbon County, Utah

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Cockrell Oil Corporation

3. Address and Telephone No.  
1600 Smith, Suite 4600 Houston, TX 77002

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2109' FNL, 2038' FEL (SW 1/4 NE 1/4) Sec.9, T12S, R10E

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

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

(Note: Report results of multiple completions on Well Completion or Recompletion Report and Log (Form))

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

Request for APD Extension. Drilling program delayed pending environmental studies.

RECEIVED

JUN 22 1992

6-24-92  
*JM Matthews*

DIVISION OF  
OIL GASES AND MINING

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

Signed *[Signature]* Title Mgr. Special Projects Date 6/8/92

(This space for Federal or State office use)

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

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

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

\*See instruction on Reverse Side



COCKRELL OIL  
CORPORATION

1600 SMITH • SUITE 4600 • HOUSTON, TEXAS 77002-7348  
TELEPHONE 713/651-1271

June 18, 1992

Utah Department of Natural Resources  
355 West North Temple  
3 Triad Center  
Salt Lake City, Utah 84180-1204

RECEIVED

JUN 22 1992

DIVISION OF  
OIL GAS & MINING

Re: 1210-2412 Well #1  
1210-2302 Well #1  
1210-1504 Well #1  
1210-1204 Well #1  
1210-0907 Well #1  
1210-0708 Well #1  
1210-0313 Well #1  
Carbon County, Utah

Gentlemen:

For your well records, enclosed are two (2) copies each of Sundry Notice Request for APD Extension for the above referenced wells. The original Sundry Notices were sent to the BLM. If you require any additional information, please do not hesitate to contact our office.

Very truly yours,

B. E. Weichman  
Special Projects Manager

BEW:lm  
Enclosures

Attachment #2

Temporary Change Application  
Number t91-91-09  
Cockrell Oil Corporation  
October 8, 1991

Proposed Well Locations  
All locations in T12S, R10E, SLB&M:

- 1) 1210-0801: S. 415 ft. & W. 288 ft. from NE Cor. Sec. 8 (NE4NE4) 43-007-30117
- 2) 1210-0806: S. 2400 ft. & E. 1769 ft. from NW Cor. Sec. 8 (SE4NW4) 43-007-30118
- 3) 1210-0708: S. 2000 ft. & W. 600 ft. from NE Cor. Sec. 7 (SE4NE4) 43-007-30113
- 4) 1210-0907: S. 2000 ft. & W. 2050 ft. from NE Cor. Sec. 9 (SW4NE4) 43-007-30137
- 5) 1210-0313: N. 750 ft. & E. 650 ft. from SW Cor. Sec. 3 (SW4SW4) 43-007-30131
- 6) 1210-1204: S. 1100 ft. & E. 1200 ft. from NW Cor. Sec. 12 (NW4NW4) 43-007-30119
- 7) 1210-1304: S. 1150 ft. & E. 1200 ft. from NW Cor. Sec. 13 (NW4NW4) 43-007-30120
- 8) 1210-1504: S. 700 ft. & E. 500 ft. from NW Cor. Sec. 15 (NW4NW4) 43-007-30138
- 9) 1210-1609: N. 2000 ft. & W. 775 ft. from SE Cor. Sec. 16 (NE4SE4) 43-007-30125
- 10) 1210-1602: S. 700 ft. & W. 1900 ft. from NE Cor. Sec. 16 (NW4NE4) 43-007-30122
- 11) 1210-2302: S. 800 ft. & W. 1800 ft. from NE Cor. Sec. 23 (NW4NE4) 43-007-30131
- 12) 1210-2310: N. 2000 ft. & W. 1950 ft. from SE Cor. Sec. 23 (NW4SE4) 43-007-30128
- 13) 1210-2404: S. 1150 ft. & E. 1200 ft. from NW Cor. Sec. 24 (NW4NW4) 43-007-30130
- 14) 1210-2412: N. 2100 ft. & E. 475 ft. from SW Cor. Sec. 24 (NW4SW4) 43-007-30126

STATE ENGINEER'S ENDORSEMENT

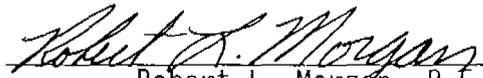
WATER RIGHT NUMBER: 91 - 4819

APPLICATION NO. T65703

1. October 21, 1991      Application received by JD.
  2. October 23, 1991      Application designated for APPROVAL by MP and KLJ.
  3. Comments:
- 
- 

Conditions:

This application is hereby APPROVED, dated November 8, 1991, subject to prior rights and this application will expire on November 8, 1992.

  
Robert L. Morgan, P.E.  
State Engineer



Norman H. Bangertter  
Governor  
Dee C. Hansen  
Executive Director  
Dianne R. Nielson, Ph.D.  
Division Director

# 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, Utah 84180-1203  
801-538-5340

June 28, 1991

Cockrell Oil Corporation  
1600 Smith Street, Suite 4600  
Houston, Texas 77002-7348

Gentlemen:

Re: 1210-0907 #1 Well, 2109 feet from the North line, 2038 feet from the East line, SW NE, Section 9, Township 12 South, Range 10 East, Carbon County, Utah

Approval to drill the referenced well is hereby granted in accordance with Utah Admin. R.615-3-2, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Utah Code Ann. Section 73-3, Appropriation.

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

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification in the event it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or J. L. Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Utah Admin. R.615-3-20, Gas Flaring or Venting.

Page 2  
Cockrell Oil Corporation  
1210-0907 #1  
June 28, 1991

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of Drinking Water/Sanitation, telephone (801) 538-6159.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-007-30137.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
J. L. Thompson  
we14/1-32

# SOUTHEASTERN UTAH ASSOCIATION OF LOCAL GOVERNMENTS

P. O. Drawer 110e • Price, Utah 84501 • Telephone 637-5444

WILLIAM D. HOWELL  
Executive Director

## AREAWIDE CLEARINGHOUSE A-95 REVIEW

14 01-07

NOI \_\_\_ Preapp \_\_\_ App \_\_\_ State Plan \_\_\_ State Action  Subdivision \_\_\_ (ASP # 6-612-6,7,8,9,10,11,12,13)

Other (indicate) \_\_\_\_\_ SAI Number UT 910611-020 to 080

### Applicant (Address, Phone Number):

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

### Federal Funds:

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

COCKRELL OIL COMPANY  
WELL NO. 1210-0907 #1  
Sec. 9, T. 12S, R. 10E  
API NO. 43-007-30137

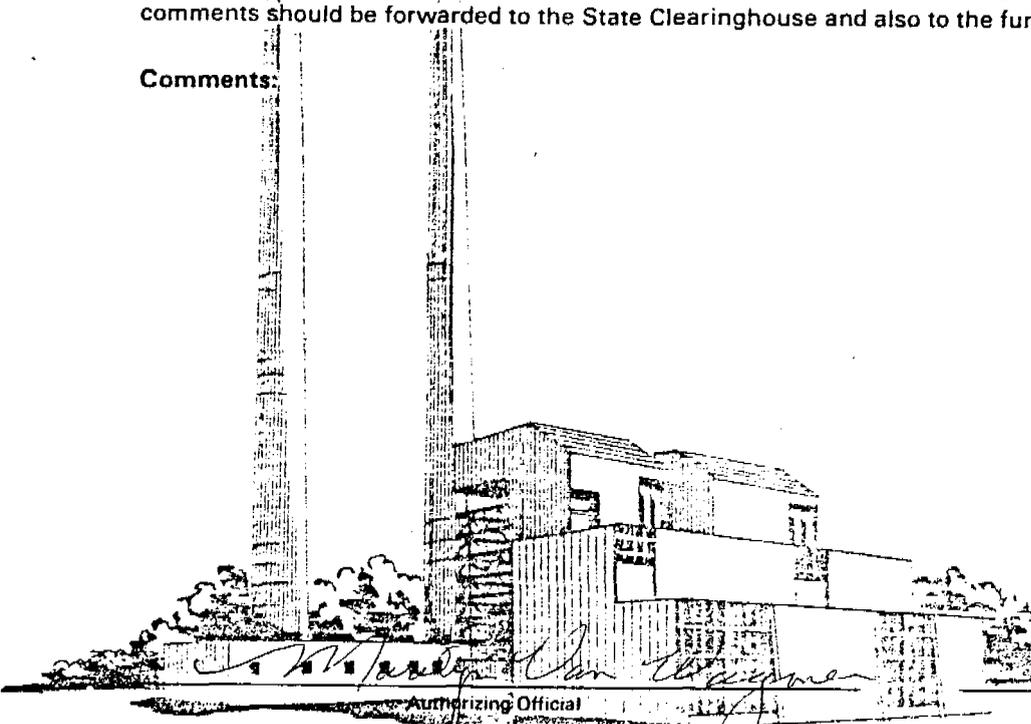
### Title:

APPLICATIONS FOR PERMIT TO DRILL

- 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:



RECEIVED

JUL 15 1991

DIVISION OF  
OIL GAS & MINING

*William D. Howell*  
Authorizing Official

7-12-91

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
 Cockrell Oil Corporation

3. ADDRESS OF OPERATOR  
 1600 Smith Street, Suite 4600, Houston, Texas 77002-7348

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 2109' FNL, 2038' FEL (SW $\frac{1}{4}$ NE $\frac{1}{4}$ ) Section 9, T12S, R10E  
 At proposed prod. zone  
 Same As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately Eight (8) Miles North/Northeast of Helper, Utah

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 2038'

16. NO. OF ACRES IN LEASE 2473.31

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3823.55'

19. PROPOSED DEPTH 5350'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7316' GR

22. APPROX. DATE WORK WILL START\* September 1, 1991

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" WC-50	23.0#	0- 400'	320 sx Circulated to Surface *
7-7/8"	5-1/2" WC-70	17.0#	0-5350'	460 sx Cement

RECEIVED

SEP 13 1991

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 Vice-President DATE May 14, 1991  
 Felder Hollenshead  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY [Signature] ACTING Assistant District Manager DATE SEP 10 1991  
 CONDITIONS OF APPROVAL, IF ANY:

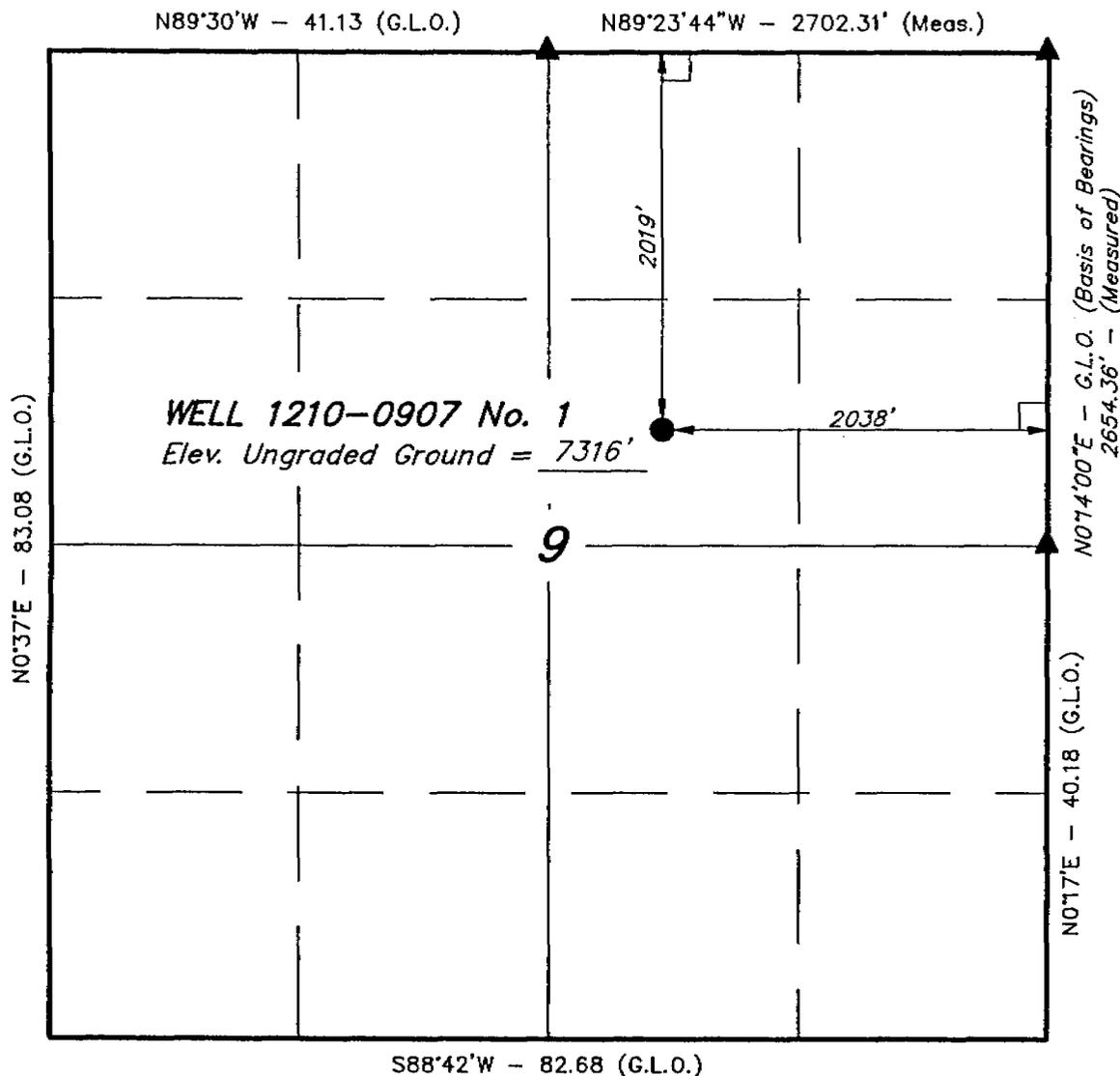
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A

\*See Instructions On Reverse Side

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

**COCKRELL OIL CORP.**

Well location, WELL 1210-0907 No. 1, located as shown in the SW 1/4 NE 1/4 of Section 9, T12S, R10E, S.L.B.&M. Carbon County, Utah.



BASIS OF ELEVATION

BENCH MARK LOCATED IN THE SW 1/4 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. Key*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 5709  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P. O. BOX 1758 - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 3-21-91
PARTY D.A. K.L. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE COCKRELL OIL CORP.

▲ = SECTION CORNERS LOCATED. (Brass Caps)

Cockrell Oil Corp.  
Well No. 1210-0907 #1  
SWNE Sec. 9 , T. 12 S., R. 10 E.  
Carbon, County, Utah  
Lease U-65948

#### CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Cockrell Oil Corp., is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0794 (Principal - Cockrell Oil Corporation) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of one year from the date of approval. A one-time, 90 day extension of this period may be granted. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions and the approved plan will be made available to field representatives to insure compliance.

#### A. DRILLING PROGRAM

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Assistant District Manager. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

Daily drilling and completion progress reports shall be submitted to the District office on a weekly basis.

Surface casing shall be set in a competent zone of the North Horn Formation, and shall be equipped with a centralizer on each of the bottom three joints.

The BLM shall be kept apprised of all fluids entering or leaving the pit, through either weekly drilling reports or a final status report, submitted with the completion report. Either of which shall be submitted prior to reclamation of the pits.

No trivalent or hexavalent chromate additives shall be used in the mud system. Due to potential for contamination of usable quality water aquifers, chromates are banned from Federal leases.

A cement bond log (CBL) or cement evaluation tool (CET) shall be run on both casing strings on the first federal well drilled within this project. Depending on the results, CBLs or CETs may be required to be run on the remaining federal wells. This log shall be promptly submitted to the BLM, District Office following logging operations.

BOP systems will be consistent with API RP 53 and Onshore Oil and Gas Order No. 2. Pressure tests of the surface casing and all ROP equipment potentially subject to pressure will be conducted before drilling the surface casing shoe. 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. Ram preventers shall be inspected and operated each trip (no more than once a day is necessary), and annular preventers shall be inspected and operated weekly to ensure good mechanical working order. These inspections shall be recorded on the daily drilling report.

Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Authorized Officer. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

When the completion program is determined, a sundry notice describing the completion shall be submitted to this office for approval.

Should the well become productive, the BLM, District Office must be notified no later than five business days after production begins. Notification shall be by letter or sundry notice, or orally to be followed by a letter or sundry notice.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 Mmcf following its completion, whichever comes first, without prior written approval of the Authorized Officer.

SWNE Sec. 9, T. 12 S., R. 10 E.  
Well No. 1210-0907  
Cockrell Oil Corporation  
Lease Status: Federal (U-65948)  
Surface Ownership: Federal

Proposed Development: Well Pad, .2 mi. new access road.

Lease Stipulations:

1. High Country Watershed
2. Sage grouse nesting, no surface disturbance, 4-1/ 6-15

Wildlife Issues:

Mule deer and elk winter range

MFP Requirements:

No surface disturbance from  
11-1 to 5-15

Sage grouse nesting/brood rearing  
habitat

No surface disturbance from  
3-15 to 7-31  
No occupancy on strutting  
grounds

Proximity to wet meadow

Avoid surface disturbance in  
riparian habitat, EO 11990

Wildlife Conditions of Approval

1. In order to protect sage grouse nesting/brood rearing, wintering mule deer and elk; exploration, drilling and other developmetn activity will be allowed only during the period from 7-1 through 11-1.
2. No surface occupancy or other surface disturbance within 330 feet of the center line of perenial streams or within 660 feet of springs.
3. Participate in development and implementation of an offsite mitigation plan to minimize long term impacts to wildlife.

B. SURFACE USE PLAN

1. The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

2. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.6.

3. A cultural resource clearance will be required before any construction begins. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five (5) working days, the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and,
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction.

4. The reserve pit shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. As soon as the reserve pit has dried all areas not needed for production will be rehabilitated.

5. Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed must be approved by the Area Manager in advance.

6. Trash must be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations.

7. If the well is productive, cattle guards will be installed on the access road at fence crossings. The access road will be rehabilitated or brought to Resource (Class III) Road Standards within sixty (60) days of dismantling the drilling rig. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

8. If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 150% of the storage capacity of the largest tank in the battery. All loading lines and valves will be placed inside the berm surrounding the tank battery.

9. All permanent (on-site for six (6) months or longer) structures constructed or installed (including oil well pumping units) shall be painted a flat, nonreflective, earth tone color to blend with the local environment, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities shall be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors shall be coordinated with the Price River Resource Area office prior to initiating painting.

10. All off-lease storage, off-lease measurement, or commingling (on-lease or off-lease) shall have prior written approval from the Assistant District Manager.

11. Pipeline construction activity is not authorized under this permit.

12. Copies of all water analysis required by the State of Utah in relation to surface discharge of produced water will be submitted to the Moab District Office, Bureau of Land Management.

13. Produced waste water will be confined to an unlined pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the Assistant District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

14. If at any time the facilities located on public land authorized by the terms of the lease are no longer included in the lease (due to contraction in the unit or other lease or unit boundary change) the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligation determined by the authorized officer (AO).

### C. REQUIRED NOTIFICATIONS AND APPROVALS

Required verbal notifications are summarized in Table 1. attached.

Spud- Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District office within twenty-four (24) hours after spudding (regardless of whether spud was made with a dry hole digger or big rig). If the spudding occurs on a weekend or holiday, the written report will be submitted on the following work day.

Undesirable Events/Immediate Reports- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the Resource Area in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Area Manager is to be notified.

First Production- Should the well be successfully completed for production, the Assistant District Manager, Minerals Division will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five (5) business days following the date on which the well is placed on production.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.

Well Completion Report- Whether the well is completed as a dry hole or as a producer. "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and /or gas) will be submitted when requested by the Assistant District Manager.

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the BLM, Moab District Office prior to initiating plugging operations. Table 1 of this document provides the after-hours phone numbers of personnel who are authorized to give plugging instructions.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Assistant District Manager, Minerals Division within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

Venting/Flaring of Gas- NTL-4A allows venting/flaring of gas during the initial well evaluation period not to exceed 30 days or 50 Mmcf. Venting/flaring beyond the initial test period threshold must be approved by the District Office.

NOTIFICATIONS

Notify Don Stephens of the Price River Resource Area, at  
(801) 637-4584 for the following:

2 days prior to commencement of dirt work, construction or reclamation;

1 day prior to spudding;

50 feet prior to reaching surface casing depth;

3 hours prior to testing BOP's.

If the person at the above number cannot be reached, then notify Fred Oneyear in the Moab District Office at (801) 259-6111 or at home (801) 259-5937 (If unsuccessful, then notify one of the following people listed below).

Notify the Moab District Office, Branch of Fluid Minerals at (801) 259-6111 for the following:

No well abandonment operations will be commenced without the prior approval of the Assistant District Manager, Minerals Division. In the case of newly drilled dry holes, and in emergency situations, verbal approval can be obtained by calling the following individuals, in the order listed.

Dale Manchester, Petroleum Engineer	Office Phone:	(801) 259-6111
	Home Phone:	(801) 259-6239
Eric Jones, Petroleum Engineer	Office Phone:	(801) 259-6111
	Home Phone:	(801) 259-221

If unable to reach the above individuals including weekends, holidays, or after hours please call the following:

Lynn Jackson, Chief, Branch of Fluid Minerals	Office Phone:	(801) 259-6111
	Home Phone:	(801) 259-7990

24 HOURS ADVANCE NOTICE IS REQUIRED FOR ALL ABANDONMENTS

RECEIVED

RECEIVED

NOV 13 1991

OCT 28 1991

OCT 21 1991

Rec. by J.S.

Fee Rec. 30.00

Receipt # 31932

DIVISION OF OIL GAS & MINING

APPLICATION TO APPROPRIATE WATER

WATER RIGHTS Microfilmed

Roll # \_\_\_\_\_

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements to Title 73, Chapter 3 of the Utah Code Annotated (1953, as amended).

\*WATER RIGHT NO. 91 - 4819

\*APPLICATION NO. A T65703

1. \*PRIORITY OF RIGHT: October 21, 1991 \*FILING DATE: October 21, 1991

2. OWNER INFORMATION

Name(s): Cockrell Oil Corporation \*Interest: \_\_\_\_\_ %

Address: 1600 Smith Suite 4600

City: Houston State: Texas Zip Code: 77002

Is the land owned by the applicant? Yes \_\_\_\_\_ No X (If "No", please explain in EXPLANATORY section.)

3. QUANTITY OF WATER: Existing Underground cfs and/or 3.0 ac-ft.

4. SOURCE: Exploratory Wells

\*DRAINAGE: \_\_\_\_\_

which is tributary to \_\_\_\_\_

which is tributary to \_\_\_\_\_

POINT(S) OF DIVERSION: \_\_\_\_\_

COUNTY: Carbon

See Attachment #1

Description of Diverting Works: 5 1/2 inch casing, 4425 ft. to 4667 ft. deep

\*COMMON DESCRIPTION: 10 miles NE of Helper Matts Summit Quad

5. POINT(S) OF REDIVERSION

The water will be rediverted from \_\_\_\_\_ at a point: N. 550 ft. & E. 1950 ft. from SW Cor. Sec. 11, T12S, R10E, SLB&M.

Description of Diverting Works: Portable pump to tank truck

6. POINT(S) OF RETURN

The amount of water consumed will be \_\_\_\_\_ cfs or 3.0 ac-ft.

The amount of water returned will be \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft.

The water will be returned to the natural stream/source at a point(s): \_\_\_\_\_

7. STORAGE

Reservoir Name: See Attachment #1 Storage Period: from \_\_\_\_\_ to \_\_\_\_\_

Capacity: \_\_\_\_\_ ac-ft. Inundated Area: \_\_\_\_\_ acres.

Height of dam: \_\_\_\_\_ feet

Legal description of inundated area by 40 acre tract(s): \_\_\_\_\_

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

8. List any other water rights which will supplement this application \_\_\_\_\_

9. NATURE AND PERIOD OF USE

Irrigation:	From _____	to _____
Stockwatering:	From _____	to _____
Domestic:	From _____	to _____
Municipal:	From _____	to _____
Mining:	From _____	to _____
Power:	From _____	to _____
Other:	From Oct. 5, 1991	to May 31, 1992

10. PURPOSE AND EXTENT OF USE

Irrigation: \_\_\_\_\_ acres. Sole supply of \_\_\_\_\_ acres.  
 Stockwatering (number and kind): \_\_\_\_\_  
 Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons.  
 Municipal (name): \_\_\_\_\_  
 Mining: \_\_\_\_\_ Mining District in the \_\_\_\_\_ Mine.  
 Ores mined: \_\_\_\_\_  
 Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_  
 Other (describe): Drilling of coalbed methane wells and a water disposal well,  
Road Construction and Maintenance.

11. PLACE OF USE

Legal description of place of use by 40 acre tract(s): See Attachment #2  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

12. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. (Use additional pages of the same size if necessary):  
Cockrell intends to drill the wells mentioned in Attachment #2 and requests permission to use the water produced from the 5 Shimmin Trust Wells for this purpose. The water is produced with methane gas from Mesaverde coals. This water is not tributary to any stream system; but, is confined in the coal beds until produced. Cockrell has leased the right for this operation from the owner.  
Supplemental with Temporary Change Application #t91-91-09.

\*\*\*\*\*

The applicant(s) hereby acknowledges that he/she/they are a citizen(s) of the United States of America or intends to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

B. E. Weichman  
 Signature of Applicant(s)\*  
 B. E. Weichman, Special Projects Manager

\*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its authorized agent, or in the name of the partnership by one of the partners.

\_\_\_\_\_  
 Authorized Agent (please print)  
 \_\_\_\_\_  
 Authorized Agent (signature)

Attachment #1

Attachment to

APPLICATION TO APPROPRIATE WATER

Owner: Cockrell Oil Corporation  
1600 Smith - Suite 4600  
Houston, Texas 77002-7348  
Phone: (713) 651-1271

- Item #4
1. Shimmin Trust #1 located 793 feet from the south line and 780 feet from the east line of Sec. 11, T12S, R10E. Drilled to a depth of 4,667 feet with 5-1/2" casing set to total depth.
  2. Shimmin Trust #2 located 1980 feet from the north line and 800 feet from the east line of Sec. 14, T12S, R10E. Drilled to a depth of 4,650 feet with 5-1/2" casing set to total depth.
  3. Shimmin Trust #3 located 1980 feet from the north line and 1780 feet from the west line of Sec. 14, T12S, R10E. Drilled to a depth of 4,425 feet with 5-1/2" casing set to total depth.
  4. Shimmin Trust #4 located 540 feet from the south line and 1900 feet from the west line of Sec. 11, T12S, R10E. Drilled to a depth of 4,631 feet with 5-1/2" casing set to total depth.
  5. Shimmin Trust #5 located 660 feet from the north line and 2340 feet from the east line of Sec. 14, T12S, R10E. Drilled to a depth of 4,485 feet with 5-1/2" casing set to total depth.

Item #7 Water will be in temporary storage in pits at each well location as shown on the attached plat. Pits have been approved by the Oil and Gas Conservation Commission and vary in size with average size being 1,160 barrels or 48,720 gallons.

Date: October 1, 1991

Cockrell Oil Corporation

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

6. Lease Designation and Serial Number UTU-65949
7. Indian Allottee or Tribe Name N/A
8. Unit or Communitization Agreement N/A
9. Well Name and Number 1210-0907 #1
10. API Well Number 43-007-30137
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	
3. Address of Operator 5950 Berkshire Ln., Ste. 600, Dallas, TX	4. Telephone Number

5. Location of Well  
Footage    2109' FNL, 2038' FEL  
County : Carbon  
QQ, Sec, T., R., M. : SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 9, T12S, R10E  
State : UTAH

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

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

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

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

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

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

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 PG&E Resources Company has acquired the above named well from Cockrell Oil Corporation, 1600 Smith Street, Suite 4600, Houston, TX 77002-7348, as of July 1, 1992.

Bond coverage for this well will be provided by Bond No. 8063-38-07 and by Bond No. 8057-26-00.

**RECEIVED**

JUL 10 1992

DIVISION OF  
OIL GAS & MINING

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

Name & Signature    Jim LaFevers    *Jim LaFevers*    Title    Regulatory Affairs    Date    7/6/92  
(State Use Only)

July 6, 1992

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

Attn: Mr. R.J. Firth  
Associate Director Oil & Gas

RE: Change of Operator  
Castlegate, CBM Project  
Cockrell Oil Corporation  
to PG&E Resources Company

Dear Sir:

Please find enclosed for the above referenced subject Sundry Notices; Form 9 (in triplicate) for the following wells located in Carbon County:

STATE

Schimmin Trust No. 1  
Schimmin Trust No. 2  
Schimmin Trust No. 3  
Schimmin Trust No. 4  
Schimmin Trust No. 5  
1210-1602 No. 1  
1210-1609 No. 1

FEDERAL

1210-0313 No. 1  
1210-0708 No. 1  
1210-0806 No. 1  
1210-0907 No. 1  
1210-1204 No. 1  
1210-1304 No. 1  
1210-1504 No. 1  
1210-2302 No. 1  
1210-2304 No. 1  
1210-2310 No. 1  
1210-2404 No. 1  
1210-2412 No. 1

**RECEIVED**

JUL 10 1992

DIVISION OF  
OIL GAS & MINING

Should additional information be required or if questions arise, please contact the undersigned at (214) 750-3988.

Sincerely,

*Jim LaFevers*

Jim LaFevers  
Regulatory Affairs Supervisor

JL/ap

wp51/jl/chgoper.ltr

OPERATOR PG&E Resources Company

OPERATOR ACCT. NO. N 0595

ENTITY ACTION FORM - FORM 6

ADDRESS 5950 Berkshire, Suite 600  
Dallas, TX 75225

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	11382	43-007-30137	Federal 1210-0907 #1	SWNE	9	12S	10E	Carbon	7/14/92	7/14/92
WELL 1 COMMENTS: <i>Entity added 7-31-92 for</i> Spud well 7/14/92 This well name will be changed effective 7/16/92 to Federal #7-9.											
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.

RECEIVED

JUL 20 1992

DIVISION OF OIL, GAS & MINING

Jim LaFavers  
Signature  
Reg. Affairs Supervisor 7/16/92  
Title Date  
Phone No. (214) 750-3988

July 16, 1992



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, Utah 84180-1203

Attn: R. J. Firth  
Associate Director, Oil and Gas

Re: Federal 1210-0907 #1  
SW NE Sec. 9, T12S - R10E  
Carbon County, Utah

Dear Mr. Firth:

Enclosed is the following Form for the above referenced well:

- Form 6 Entity Action Form

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

Yours very truly,



Jim LaFevers  
Regulatory Affairs Supervisor

JL:ah

Enclosure

RECEIVED

JUL 20 1992

DIVISION OF  
OIL GAS & MINING

July 20, 1992



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

RE: Federal 7-9  
(Formerly 1210-0907)  
Castlegate Prospect  
Carbon Co., Utah

Dear Sir:

Please find enclosed for the above referenced well a Report of Water Encountered During Drilling, Form 7.

Should additional information be required or if questions arise, please contact the undersigned at (214) 750-3988.

Sincerely,

Jim LaFevers  
Regulatory Affairs Supervisor

JL/ap

wp51\jl\7-9form7

RECEIVED

JUL 22 1992

DIVISION OF  
OIL GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7

1. Well name and number: Federal 7-9 (Formerly 1210-0907)  
 API number: 43-007-30137
2. Well location: QQ \_\_\_\_\_ section 9 township T12S range R10E county Carbon
3. Well operator: PG&E Resources Company  
 Address: 5950 Berkshire Lane, Suite 600 phone: 214-750-3988  
Dallas, TX 75225
4. Drilling contractor: Leon Ross Air Rig  
 Address: \_\_\_\_\_ phone: 801-722-4417  
Roosevelt, Utah

5. Water encountered (continue on reverse side if necessary)

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
60'	65'	Not enough to measure only	Not enough to sample
		enough to quit dusting	
		Estimate 5 bbls hr.	Fresh ?

Reported this to J.L. Thompson State O&G  
 801-538-5340

6. Formation tops: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

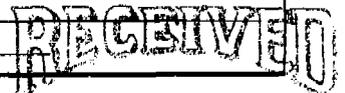
If an analysis has been made of the water encountered, please attach a copy of the report to this form.

No

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

Name Jim LaFavers  
 Title Regulatory Affairs Supervisor

Signature Jim LaFavers  
 Date 7/20/92



Comments:

JUL 22 1992

DIVISION OF  
 OIL GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UTU-65948
2. Name of Operator PG&E Resources Company	6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No. 5950 Berkshire, Suite 600, Dallas, TX 75225	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2109' FNL & 2038' FEL SW, NE, Sec. 9, T12S, R10E	8. Well Name and No. Federal #7-9
	9. API Well No. 43-007-30137
	10. Field and Pool, or Exploratory Area Wildcat
	11. County or Parish, State Carbon

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

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

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

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

This report is to reflect a change in well name. This well was formerly addressed as:  
Federal 1210-0907 #1

Please change your records accordingly.

If you should have any questions, please direct them to Jim LaFevers (214) 750-3988.

**RECEIVED**  
JUL 30 1992  
DIVISION OF  
OIL, GAS & MINERAL

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

Signed Jim LaFevers Title Regulatory Affairs Supervisor Date 7/16/92

(This space for Federal or State office use)

Approved by William C. Stricker Title Assistant District Manager Date 7/27/92

Conditions of approval, if any:

Approved WCM  
7/23/92

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
UTU-65949

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

**SUBMIT IN TRIPLICATE**

7. If Unit or CA, Agreement Designation  
N/A

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
1210-0907 #1

2. Name of Operator  
PG&E Resource Company

9. API Well No.  
43-007-30137

3. Address and Telephone No.  
5950 Berkshire Lane, Suite 600, Dallas, TX 75225

10. Field and Pool, or Exploratory Area  
Wildcat

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2109' FNL, 2038' FEL SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 9, T12S, R10E

11. County or Parish, State  
Carbon, UT

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

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

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

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

Please be advised PG&E Resources Company has acquired the above named well from Cockrell Oil Corporation, 1600 Smith Street, Suite 4600, Houston, TX 77002-7348, as of July 1, 1992.

Bond coverage for this well will be provided by Bond No. U-187011.

**RECEIVED**

JUL 30 1992

DIVISION OF  
OIL GAS & MINING

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

Signed Jim In Fever Title Regulatory Affairs Supervisor Date 7/6/92

(This space for Federal or State office use)

Approved by William C. Stungis Title Assistant District Manager for Minerals Date 7/27/92

Conditions of approval, if any:

PG&E Resources Company  
Well No. 1210-0907 #1  
SWNE Sec. 9, T. 12 S., R. 10 E.  
Carbon County, Utah  
Lease U-65949

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that PG&E Resources Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by WY2554 (Principal - PG&E Resources Company) via surety consent as provided for in 43 CFR 3104.2.

Routing:	
1- LCR	7- LCR
2- DTS	
3- VLC	
4- RJF	
5- RWM	
6- ADA	

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-1-92)

TO (new operator)	<u>PG&amp;E RESOURCES COMPANY</u>	FROM (former operator)	<u>COCKRELL OIL CORPORATION</u>
(address)	<u>5950 BERKSHIRE LN #600</u>	(address)	<u>1600 SMITH STE 4600</u>
	<u>DALLAS, TX 75225</u>		<u>HOUSTON, TX 77002-7348</u>
	<u>JIM LEFEVERS</u>		
	phone (214) <u>750-3824</u>		phone (713) <u>651-1271</u>
	account no. <u>N 0595(X)</u>		account no. <u>N 1035</u>

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

Name: <u>1210-2302 #1/DRL</u>	API: <u>43-007-30136</u>	Entity: <u>99999</u>	Sec <u>23</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>U-65949</u>
Name: <u>FEDERAL #7-9/DRL</u>	API: <u>43-007-30137</u>	Entity: <u>99999</u>	Sec <u>9</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>U-65948</u>
Name: <u>FEDERAL #4-15/DRL</u>	API: <u>43-007-30138</u>	Entity: <u>99999</u>	Sec <u>15</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>U-65949</u>
Name: <u>1210-2412 #1/DRL</u>	API: <u>43-007-30139</u>	Entity: <u>99999</u>	Sec <u>24</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>U-65949</u>
Name: <u>1210-0806 #1/DRL</u>	API: <u>43-007-30140</u>	Entity: <u>11272</u>	Sec <u>8</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>U-65948</u>
Name: <u>STATE #9-16/DRL</u>	API: <u>43-007-30132</u>	Entity: <u>99999</u>	Sec <u>16</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>ML-44443</u>
Name: <u>STATE #2-16/DRL</u>	API: <u>43-007-30133</u>	Entity: <u>99999</u>	Sec <u>16</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>ML-44443</u>

**OPERATOR CHANGE DOCUMENTATION**

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *x B'n Approvals rec'd 7-30-92. (Rec'd St. Lease Sundries 8-10-92)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 7-10-92)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(7-31-92)*
6. Cardex file has been updated for each well listed above. *(7-31-92)*
7. Well file labels have been updated for each well listed above. *(7-31-92)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(7-31-92)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 8/25/92 1992. If yes, division response was made by letter dated 8/25/92 1992.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 8/25/92 1992, 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.
- 2. Copies of documents have been sent to State Lands for changes involving State leases. 8/25/92 to Ed Donner

MICROFILMING

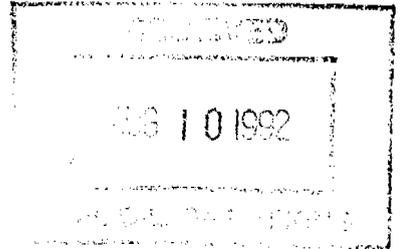
- 1. All attachments to this form have been microfilmed. Date: \_\_\_\_\_ 19\_\_\_\_.

FILED

- 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.

REMARKS

920731 St. Lands / P&E has a statewide blanket bond.



August 6, 1992

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

Attn: Tammi Searing

Re: PG & E Resources Company  
Castlegate Prospect  
Application for Temporary Change  
of Water - *43-007-30137*  
Carbon County, Utah

Dear Tammi,

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

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

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

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

Sincerely,

PERMITCO INC.

A handwritten signature in cursive script, appearing to read 'Lisa L. Smith'.

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

Enc.

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

Permitco Incorporated  
A Petroleum Permitting Company

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



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

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

Southeastern Area • 453 S. Carbon Avenue • P.O. Box 718 • Price, UT 84501-0718 • 801-637-1333

July 31, 1992

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

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

Dear Mr. Price:

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

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

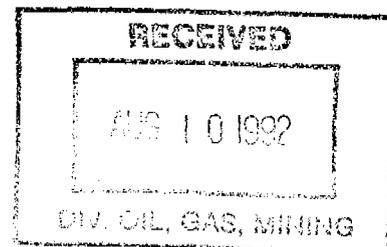
Sincerely,

*William A. Warrick*

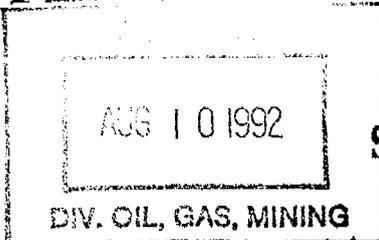
*for* Mark P. Page  
Regional Engineer

cc: Bob Davis - Price River Commissioner

Enclosures  
MPP/mjk



# APPLICATION FOR TEMPORARY CHANGE OF WATER



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

STATE OF UTAH AUG 31 1992

WATER RIGHTS

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

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

Changes are proposed in (check those applicable)

point of diversion.  place of use.  nature of use.  period of use.

1. OWNER INFORMATION

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

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

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

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

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

4. QUANTITY OF WATER: 7.98 cfs and/or \_\_\_\_\_ ac-ft.

5. SOURCE: Price River

6. COUNTY: Carbon

7. POINT(S) OF DIVERSION: \_\_\_\_\_  
S. 560 ft. & E. 680 ft. from N 1/4 Cor. Sec. 1, T14S, R9E, SLB&M.

Description of Diverting Works: Concrete diversion dam, earthen ditches

8. POINT(S) OF REDIVERSION

The water has been rediverted from \_\_\_\_\_ at a point: \_\_\_\_\_

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

9. POINT(S) OF RETURN

The amount of water consumed is 7.98 cfs or \_\_\_\_\_ ac-ft.

The amount of water returned is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft.

The water has been returned to the natural stream/source at a point(s): \_\_\_\_\_

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

10. NATURE AND PERIOD OF USE

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

11. PURPOSE AND EXTENT OF USE

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

12. PLACE OF USE

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

13. STORAGE

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

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

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

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

18. POINT(S) OF REDIVERSION

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

19. POINT(S) OF RETURN

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

-20. NATURE AND PERIOD OF USE

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

21. PURPOSE AND EXTENT OF USE

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

22. PLACE OF USE

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

23. STORAGE

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

24. EXPLANATORY

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

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

Dale Price  
 Signature of Applicant(s)

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

#17 Points of Diversion:

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

Shimmin Trust Wells:

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

#22 Place of Use:

1210-0806: S. 2400 ft. & E. 1769 ft. from NW Cor. Sec. 8 (SE4NW4)  
#7-9 Federal: S. 2109 ft. & W. 2038 ft. from NE Cor. Sec. 9 (SW4NE4) 13-007-30137  
#4-15 Federal: S. 660 ft. & E. 450 ft. from NW Cor. Sec. 15 (NW4NW4)  
#4-13 Federal: S. 1174 ft. & E. 1168 ft. from NW Cor. Sec. 13 (NW4NW4)  
#9-10 Jensen: N. 2500 ft. & W. 1020 ft. from SE Cor. Sec. 10 (NE4SE4)  
#2-16 State: S. 780 ft. & W. 1971 ft. from NE Cor. Sec. 16 (NW4NE4)  
#9-16 State: N. 1993 ft. & W. 702 ft. from SE Cor. Sec. 16 (NE4SE4)  
#11-10 Jensen: N. 1650 ft. & E. 1650 ft. from SW Cor. Sec. 10 (NE4SW4)  
#5-10 Jensen: S. 1680 ft. & E. 660 ft. from NW Cor. Sec. 10 (SW4NW4)  
#16-10 Jensen: N. 330 ft. & W. 330 ft. from SE Cor. Sec. 10 (SE4SE4)  
#7-15 Jensen: S. 1650 ft. & W. 1650 ft. from NE Cor. Sec. 15 (SW4NE4)  
#11-11 Shimmin Trust: N. 2350 ft. & E. 1500 ft. from SW Cor. Sec. 11 (NE4SW4)  
#10-11 Shimmin Trust: N. 2300 ft. & W. 1850 ft. from SE Cor. Sec. 11 (NW4SE4)  
#12-12 Shimmin Trust: N. 2310 ft. & E. 990 ft. from SW Cor. Sec. 12 (NW4SW4)  
#14-12 Shimmin Trust: N. 660 ft. & E. 1980 ft. from SW Cor. Sec. 12 (SE4SW4)  
#11-15 Jensen: N. 1850 ft. & E. 1650 ft. from SW Cor. Sec. 15 (NE4SW4)  
#16-9 Jensen: N. 1150 ft. & W. 1150 ft. from SE Cor. Sec. 9 (SE4SE4)  
#16-15 Federal: N. 990 ft. & W. 990 ft. from SE Cor. Sec. 15 (SE4SE4)  
#14-14 Federal: N. 990 ft. & E. 1650 ft. from SW Cor. Sec. 14 (SE4SW4)  
#14-16 Federal: N. 990 ft. & W. 990 ft. from SE Cor. Sec. 14 (SE4SE4)  
#14-13 Federal: N. 990 ft. & E. 1650 ft. from SW Cor. Sec. 13 (SE4SW4)  
All T12S, R10E, SLB&M.

Alternate Wells:

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

STATE ENGINEER'S ENDORSEMENT

TEMPORARY CHANGE APPLICATION NUMBER: t92-91-12

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

---



---



---

Conditions:

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

*William A. Blumrich*  
 for Mark Page, Area Engineer  
 for Robert L. Morgan, State Engineer

Coal Gas

STAR

Schlumberger

REPORT NO.  
125202

PAGE NO. 1

TEST DATE:  
5-AUG-1992

Schlumberger Transient Data Report  
Pressure Data Report  
Of a Schlumberger Well Test

43-007-30127

COMPANY: P G & E RESOURCES COMPANY

WELL: 7-9 FEDERAL - OH-DST #1

TEST IDENTIFICATION

Test Type ..... MFE-OH-DST  
Test No. .... ONE  
Formation ..... ~~BLACKHAWK~~  
Test Interval (ft) ..... 4376 to 4476  
Depth Reference ..... KB

WELL LOCATION

Field .....  
County ..... CARBON  
State ..... UTAH  
Sec/Twn/Rng ..... S9 T12SR10E  
Elevation (ft) ..... 7326 SWNE

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) .... 4476  
Hole Size (in) ..... 7.875  
Casing/Liner I.D. (in) .....  
Tested Interval/Net Pay (ft) .. 100 / 20

MUD PROPERTIES

Mud Type ..... LSND  
Mud Weight (lb/gal) ..... 8.9  
Mud Resistivity (ohm.m) ..... 1.6 @ 75F  
Filtrate Resistivity (ohm.m) .. 1.5 @ 75F  
Filtrate Chlorides (ppm) ..... 3500

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) .... 2049.99  
Gas Cushion Type .....  
Surface Pressure (psi) .....  
Liquid Cushion Type .....  
Cushion Length (ft) .....

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 3816 / 3.80  
Collar Length (ft)/I.D. (in) .. 521 / 2.375  
Packer Depths (ft) ..... 4370, 4376  
Bottomhole Choke Size (in) ... 0.94  
Gauge Depth (ft)/Type ..... 4388/MECH.

NET PIPE RECOVERY

Volume	Fluid Type	Properties
40 ft	DRILLING MUD	3500ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
1.97 cuft	Gas	
1600 cc	Mud	Rw1.5@75F 3400ppm
Pressure:600		GOR:0
		GLR:196

INTERPRETATION RESULTS

Model of Behavior .....  
Fluid Type Used for Analysis..  
Reservoir Pressure (psi) .....  
Transmissibility (md.ft/cp) ..  
Effective Permeability (md) ..  
Skin Factor/Damage Ratio .....  
Storativity Ratio, Omega .....  
Interporos.Flow Coef.,Lambda..  
Distance to an Anomaly (ft) ..  
Radius of Investigation (ft)..  
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API) .....  
Basic Solids (%) .....  
Gas Gravity .....  
GOR (scf/STB) .....  
Water Cut (%) .....  
Viscosity (cp) .....  
Total Compressibility (1/psi).  
Porosity (%) ..... 60  
Reservoir Temperature (F) .... 158  
Form.Vol.Factor (bbl/STB) ....

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

THIS TEST WAS MECHANICALLY SUCCESSFUL. THE ZONE PRODUCED GAS AND MUD INTO THE SAMPLE CHAMBER, AND 40 Ft DRILLING MUD INTO THE DRILL STRING DURING THE TEST.

THE GENERAL CHARACTER OF THE BUILDUP PLOTS SUGGEST THAT THE ZONE HAS LOW EFFECTIVE PERMEABILITY AND MINIMAL WELLBORE DAMAGE AT THE TIME OF THE TEST. FOR QUESTIONS ABOUT THIS REPORT, PLEASE CONTACT DEBORA HALLFORD AT (303) 375-8118.

RECEIVED

SEQUENCE OF EVENTS

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
05-AUG	16:45	SET PACKER	-5		
	16:50	START FLOW-1" BLOW IN WTR.	0	48	
	16:55	BOTTOM OF BUCKET	5		
	17:00	BOTTOM OF BUCKET	10		
	17:05	BOTTOM OF BUCKET	15		
	17:05	END FLOW & START SHUTIN	15	44	
	17:35	END SHUTIN	45	332	
	17:40	START FLOW 20" BLOW IN H2O	50	36	
	17:45	27' BLOW IN H2O	55		
	17:50	16" BLOW IN H2O	60		
	17:55	6" BLOW IN H2O	65		
	18:00	1 1/2" BLOW IN H2O	70		
	18:05	1 1/2" BLOW IN H2O	75		
	18:10	6" BLOW IN H2O	80		
	18:15	8" BLOW IN H2O	85		
	18:20	8" BLOW IN H2O	90		
	18:25	2" BLOW IN H2O	95		
	18:30	1" BLOW IN H2O	100		
	18:35	1" BLOW IN H2O	105		
	18:40	1" BLOW IN H2O	110		
	18:40	END FLOW & START SHUTIN	110	45	
	21:40	END SHUTIN	290	1330	

REPORT NO.  
125202

PAGE NO. 3

DISTRIBUTION OF REPORTS

Schlumberger

SCHLUMBERGER has sent copies of this report to the following:

=====

P G & E RESOURCES CO.  
5950 BERKSHIRE LANE  
SUITE 600  
DALLAS , TX 75225  
Attn: JEFF HART  
( 2 copies)

P G & E RESOURCES CO.  
85 SOUTH 200 EAST  
VERNAL , UT 84078  
Attn: MIKE McMICAN  
( 1 copy)

COCKRELL OIL CORPORATION  
1600 SMITH SUITE 4600  
HOUSTON , TX 77002  
Attn: BEN WEICHMAN  
( 1 copy)

MERIDIAN OIL INC.  
5613 DTC PARKWAY  
ENGLEWOOD, CO 80111  
Attn: SID BJORLIE  
( 2 copies)

BUREAU OF LAND MANAGEMENT  
MOAB DISTRICT OFFICE  
P.O. BOX 970  
MOAB, UT 84532  
Attn: BILL STRINGER  
( 2 copies)

STATE OF UTAH  
355 WEST NORTH TEMPLE  
3 TRIAD CENTER, SUITE 350  
SALT LAKE CITY, UT 84180  
Attn: FRANK MATTHEWSA  
( 1 copy)

Any interpretations or recommendations are opinions and necessarily based on inferences and empirical factors and assumptions, which are not infallible. Accordingly, Schlumberger (Flopetrof Johnston) cannot and does not warrant the accuracy of correctness of any interpretation or measurement. Under no circumstances should any interpretation or measurement be relied upon as the sole basis for any drilling, completion, well treatment or production decision or any procedure involving risk to the safety of any drilling venture, drilling rig or its crew or any other individual. The Customer has full responsibility for all drilling, completion, well treatment, and production procedure, and all other activities relating to the drilling or production operation.

# BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 125202

COMPANY : PG&E RESOURCES COMPANY

INSTRUMENT NO. 1043

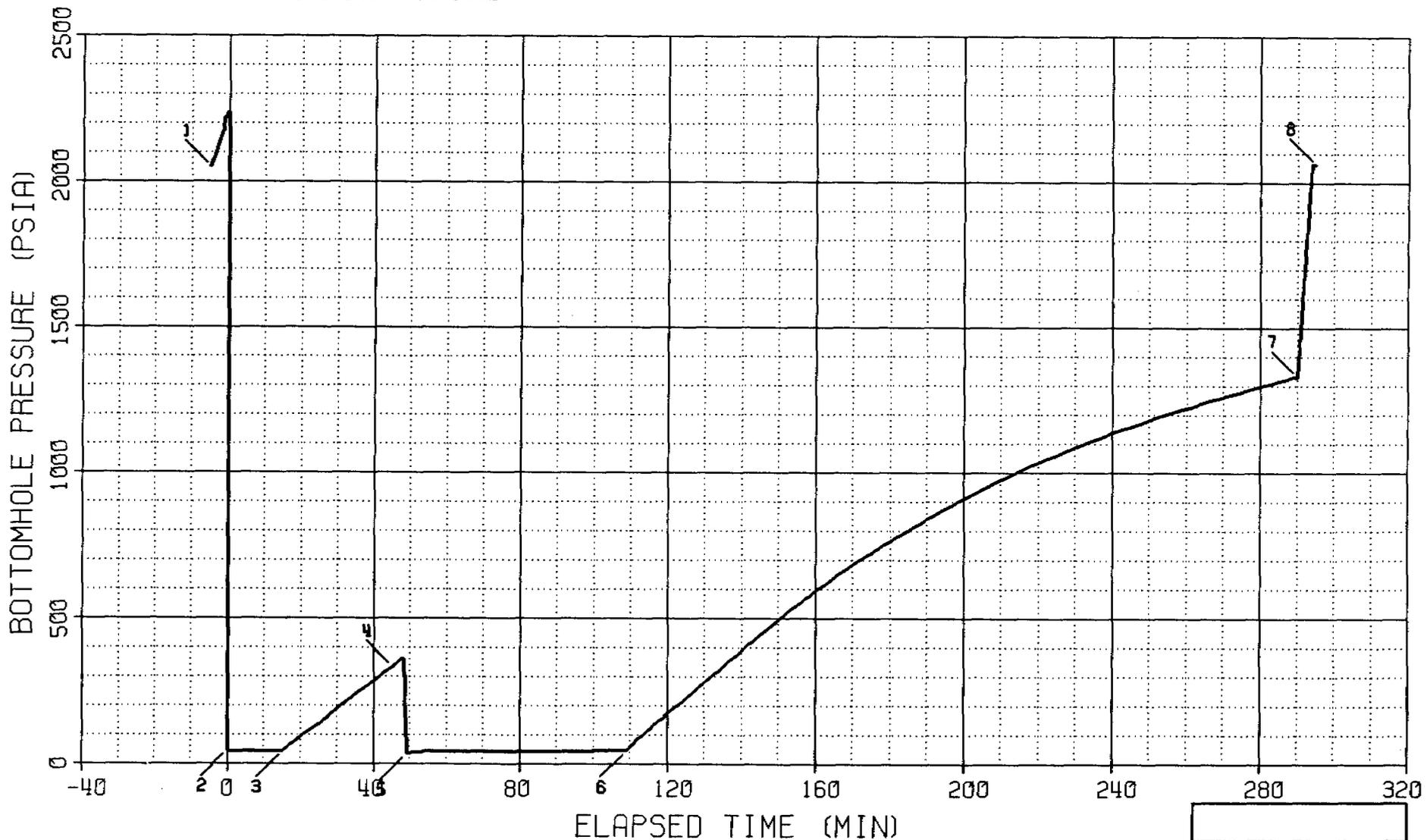
WELL : 7-9 FEDERAL

DEPTH : 4388 FT

CAPACITY : 2800 PSI

Mechanical Recorder Data

PORT OPENING : OUTSIDE



# LOG LOG PLOT

COMPANY : PG&E RESOURCES COMPANY

WELL : 7-9 FEDERAL

FIELD REPORT NO. 125202

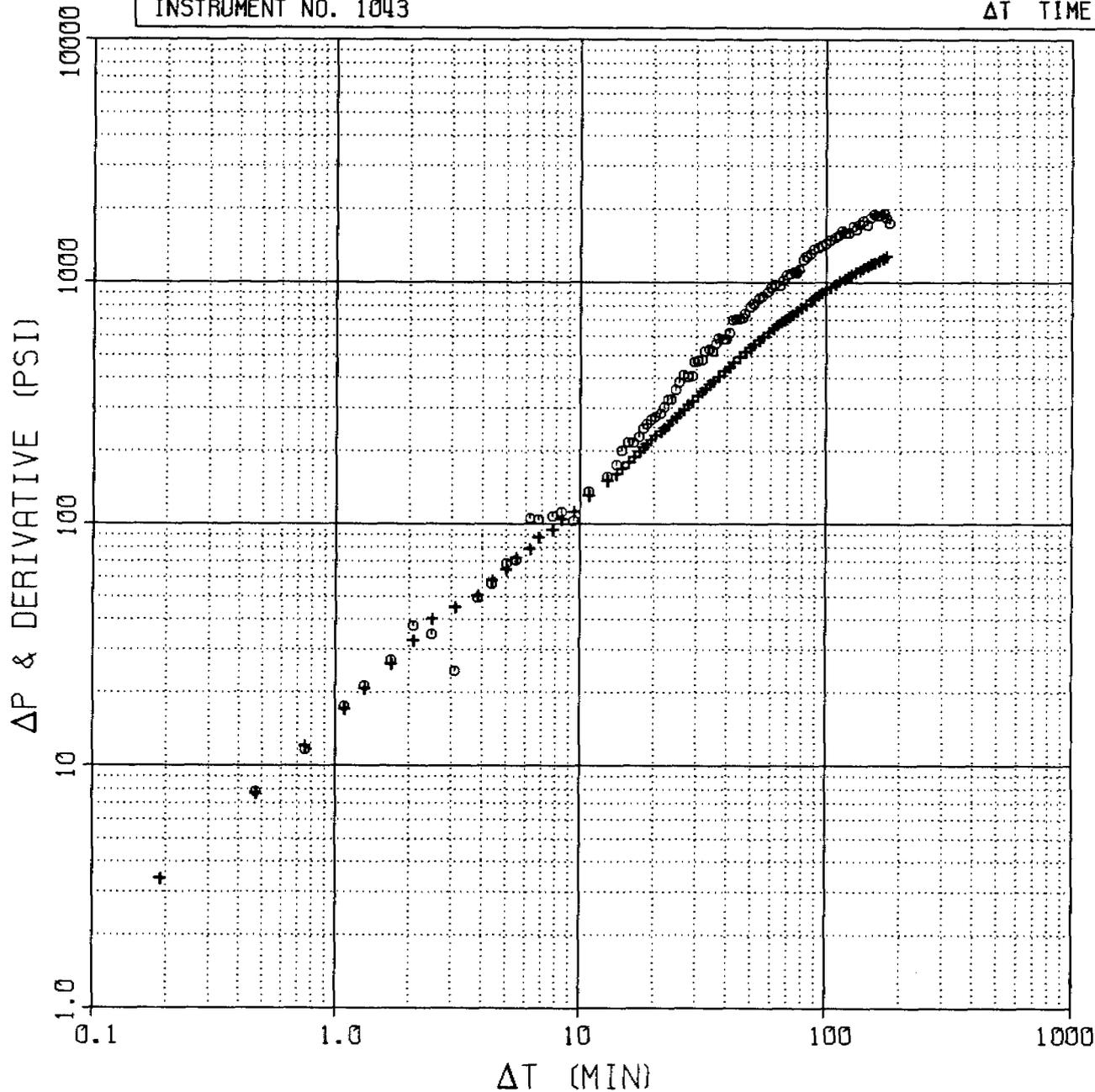
INSTRUMENT NO. 1043

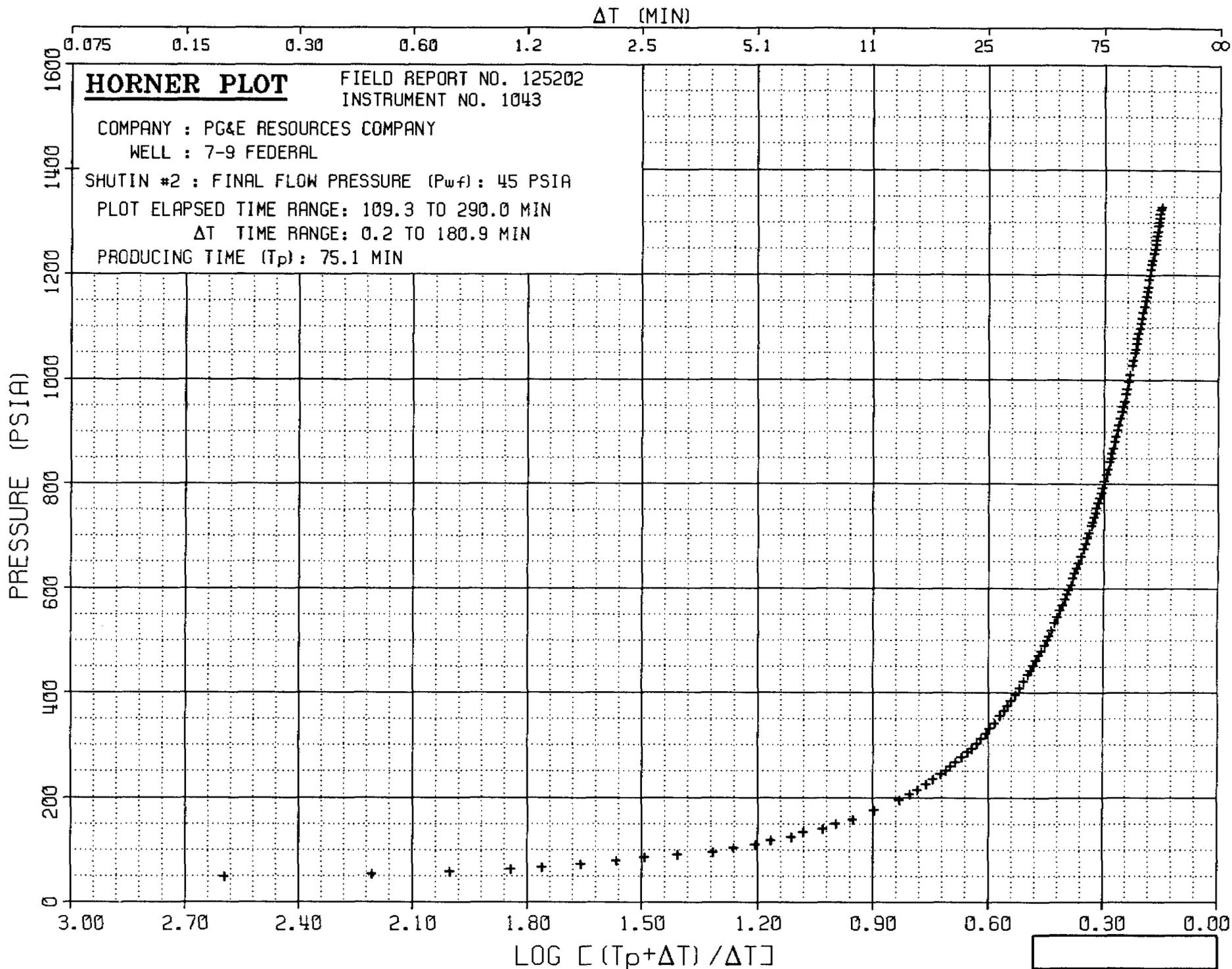
SHUTIN #2 : PRODUCING TIME ( $T_p$ ) : 75.1 MIN

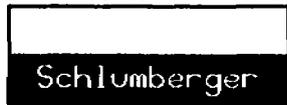
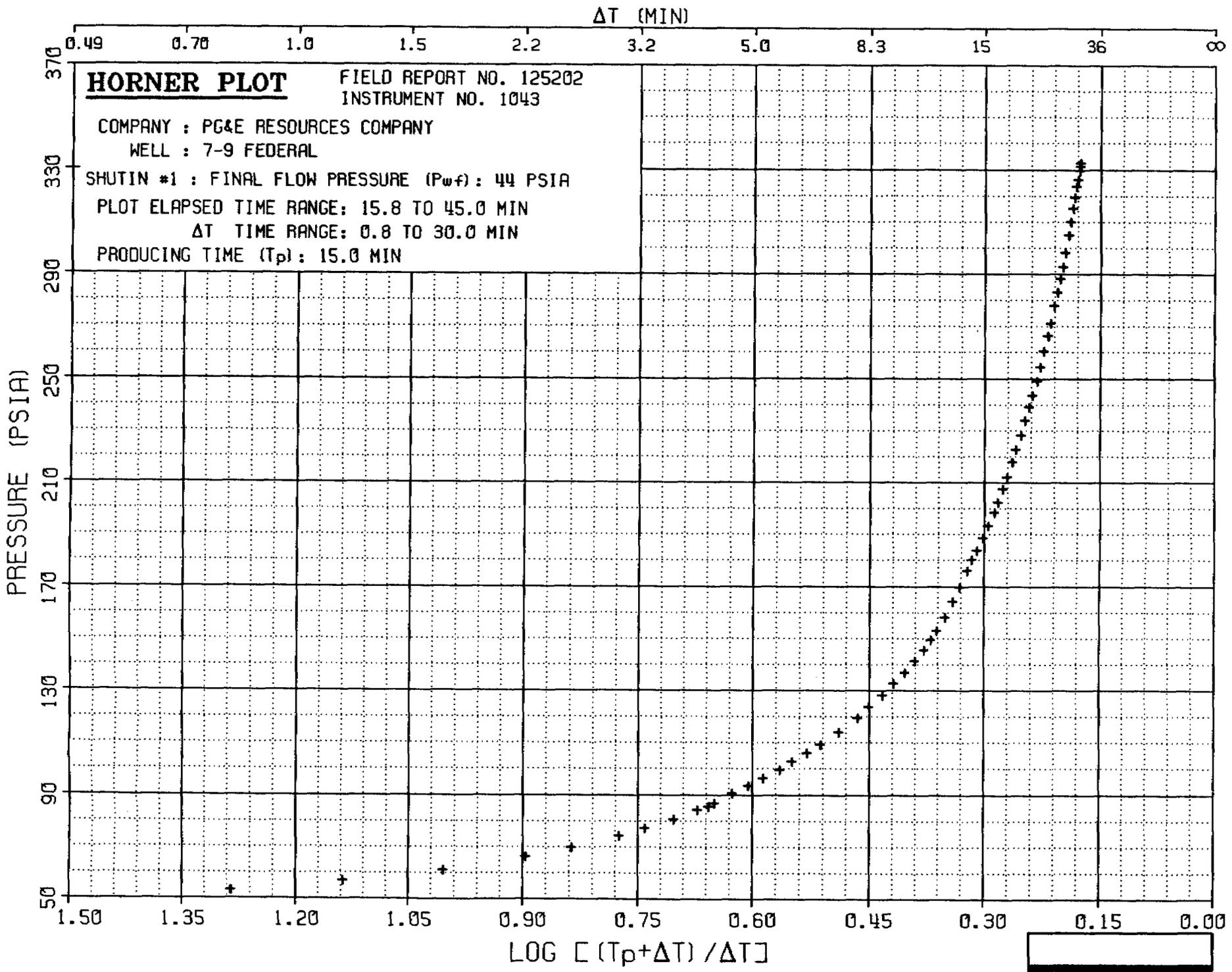
FINAL FLOW PRESSURE ( $P_{wf}$ ) : 45 PSIA

PLOT ELAPSED TIME RANGE: 109.3 TO 290.0 MIN

$\Delta T$  TIME RANGE: 0.2 TO 180.9 MIN







\*\*\*\*\*  
 \*\* WELL TEST DATA PRINTOUT \*\*  
 \*\*\*\*\*

COMPANY: PG&E RESOURCES COMPANY  
 WELL: 7-9 FEDERAL

FIELD REPORT NO. 125202  
 INSTRUMENT NO. 1043

RECORDER CAPACITY: 2800 PSI    PORT OPENING: OUTSIDE    DEPTH: 4388 FT  
 TEMPERATURE: 158 DEG F

LABEL POINT INFORMATION  
 \*\*\*\*\*

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA
1	16:45:00	5-AUG	HYDROSTATIC MUD	-5.00	2050
2	16:50:00	5-AUG	START FLOW	0.00	48
3	17:05:01	5-AUG	END FLOW & START SHUT-IN	15.01	44
4	17:35:00	5-AUG	END SHUT-IN	45.00	332
5	17:39:01	5-AUG	START FLOW	49.01	36
6	18:39:08	5-AUG	END FLOW & START SHUT-IN	109.14	45
7	21:40:01	5-AUG	END SHUT-IN	290.01	1330
8	21:44:58	5-AUG	HYDROSTATIC MUD	294.97	2063

SUMMARY OF FLOW PERIODS  
 \*\*\*\*\*

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	0.00	15.01	15.01	48	44	48
2	49.01	109.14	60.13	36	45	36

SUMMARY OF SHUTIN PERIODS  
 \*\*\*\*\*

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	15.01	45.00	29.99	44	332	44	15.01
2	109.14	290.01	180.87	45	1330	45	75.14

## TEST PHASE: FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MMM			
16:50:00	5-AUG	0.00	0.00	48
17:05:01	5-AUG	15.01	15.01	44

## TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 44 PSIA  
PRODUCING TIME = 15.01 MIN

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNERS TIME
HH:MM:SS	DD-MMM					
17:05:01	5-AUG	15.01	0.00	44	0	
17:06:11	5-AUG	16.19	1.18	57	13	1.1374
17:07:11	5-AUG	17.19	2.18	66	22	0.8968
17:08:20	5-AUG	18.34	3.33	77	33	0.7410
17:09:20	5-AUG	19.34	4.33	87	43	0.6500
17:10:37	5-AUG	20.61	5.60	100	56	0.5659
17:11:40	5-AUG	21.66	6.65	109	66	0.5128
17:12:49	5-AUG	22.81	7.80	119	76	0.4660
17:14:16	5-AUG	24.26	9.25	133	89	0.4187
17:15:17	5-AUG	25.29	10.28	141	97	0.3910
17:17:36	5-AUG	27.60	12.59	164	120	0.3409
17:19:55	5-AUG	29.91	14.90	189	145	0.3026
17:22:20	5-AUG	32.33	17.32	212	168	0.2711
17:24:27	5-AUG	34.45	19.44	234	190	0.2485
17:26:35	5-AUG	36.59	21.58	254	211	0.2293
17:29:02	5-AUG	39.03	24.02	278	234	0.2108
17:31:13	5-AUG	41.21	26.20	298	254	0.1967
17:33:29	5-AUG	43.48	28.47	319	276	0.1839
17:35:00	5-AUG	45.00	29.99	332	289	0.1762

## TEST PHASE: FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MMM			
17:39:01	5-AUG	49.01	0.00	36
17:55:19	5-AUG	65.31	16.30	44
18:11:34	5-AUG	81.56	32.55	44
18:26:44	5-AUG	96.73	47.72	45
18:39:08	5-AUG	109.14	60.13	45

## TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 45 PSIA  
PRODUCING TIME = 75.14 MIN

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNERS TIME
HH:MM:SS	DD-MMM					
18:39:08	5-AUG	109.14	0.00	45	0	
18:40:14	5-AUG	110.23	1.09	62	17	1.8447

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE - 45 PSIA

PRODUCING TIME - 75.14 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
18:41:14	5-AUG	111.23	2.09	78	33	1.5676
18:42:57	5-AUG	112.95	3.81	96	50	1.3164
18:44:07	5-AUG	114.12	4.98	110	64	1.2065
18:45:25	5-AUG	115.41	6.27	124	78	1.1134
18:46:52	5-AUG	116.87	7.73	140	94	1.0302
18:48:33	5-AUG	118.55	9.41	157	112	0.9535
18:50:02	5-AUG	120.03	10.89	175	130	0.8976
18:52:07	5-AUG	122.11	12.97	195	150	0.8321
18:54:48	5-AUG	124.80	15.66	225	179	0.7633
18:57:16	5-AUG	127.26	18.12	251	206	0.7115
18:59:30	5-AUG	129.50	20.36	276	230	0.6712
19:02:00	5-AUG	132.00	22.86	302	257	0.6321
19:04:36	5-AUG	134.60	25.46	331	285	0.5967
19:06:41	5-AUG	136.68	27.54	355	310	0.5715
19:09:25	5-AUG	139.42	30.28	384	338	0.5418
19:14:54	5-AUG	144.90	35.76	442	397	0.4915
19:20:30	5-AUG	150.50	41.36	500	455	0.4497
19:26:10	5-AUG	156.16	47.02	557	511	0.4146
19:31:16	5-AUG	161.26	52.12	605	560	0.3877
19:37:11	5-AUG	167.19	58.05	660	614	0.3607
19:42:32	5-AUG	172.53	63.39	705	660	0.3395
19:48:15	5-AUG	178.25	69.11	753	707	0.3196
19:55:01	5-AUG	185.01	75.87	804	759	0.2989
20:00:13	5-AUG	190.21	81.07	842	796	0.2848
20:05:29	5-AUG	195.48	86.34	880	834	0.2719
20:11:58	5-AUG	201.97	92.83	925	880	0.2575
20:16:59	5-AUG	206.98	97.84	958	912	0.2475
20:23:13	5-AUG	213.22	104.08	996	950	0.2360
20:28:26	5-AUG	218.43	109.29	1026	981	0.2273
20:34:10	5-AUG	224.16	115.02	1058	1012	0.2183
20:39:29	5-AUG	229.49	120.35	1087	1042	0.2107
20:45:42	5-AUG	235.70	126.56	1117	1071	0.2024
20:52:42	5-AUG	242.70	133.56	1151	1105	0.1938
20:58:41	5-AUG	248.69	139.55	1176	1131	0.1871
21:03:53	5-AUG	253.89	144.75	1199	1154	0.1816
21:11:01	5-AUG	261.01	151.87	1228	1182	0.1746
21:16:08	5-AUG	266.14	157.00	1249	1203	0.1699
21:22:46	5-AUG	272.77	163.63	1273	1228	0.1641
21:28:32	5-AUG	278.54	169.40	1294	1248	0.1594
21:35:01	5-AUG	285.02	175.88	1316	1270	0.1545
21:40:01	5-AUG	290.01	180.87	1330	1285	0.1509

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

AMENDED  
SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

UTU-65948

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Federal

9. WELL NO.

7-9

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 9, T12S-R10E

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL  GAS  DRY  Other \_\_\_\_\_  
WELL  WELL

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 2109' FNL & 2038' FEL

At top prod. interval reported below Same

At total depth Same

DIVISION OF  
OIL, GAS & MINING

14. PERMIT NO. 43-007-30137 DATE ISSUED 09/10/91

12. COUNTY OR PARISH Carbon 13. STATE Utah

15. DATE SPUNDED 07/14/92 16. DATE T.D. REACHED 08/10/92 17. DATE COMPL. (Ready to prod.) 10/15/92 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 7326' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4925' 21. PLUG, BACK T.D., MD & TVD 4878' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\* 4,380' - 4,690" Blackhawk 4,762 - 4,818' Kenilworth MVDCL 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN 9-10-92 Dual Induction Guard Log/Spectral Density Dual Spaced Neutron/Special Density Quick Look/CBL 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	482'	12-1/4"	360sx Premium Plus	0
5-1/2"	17#	4925'	7-7/8"	305sx 50/50 Poz w/add.	0
		DV Tool @3693'		340sx Silica Lite w/add.	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	4480'	NA

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT
	DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
See Attached	See Attached

33.* PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)		
10/15/92	Hyland Progressive Cavity Pump				Shut-In		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR OIL--BBL. TEST PERIOD	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO	
10/17/92	24	NA	0	7	810	NA	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
NA			0	7	820		

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 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 Cindy R. Smith TITLE Sr. Regulatory Analyst DATE 09/02/1993

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Blackhawk	3873'	4719'	Natural gas.			
Kenilworth	4720'	4883'	Natural gas.	Price River Sandstone		3212'
				Castlegate Sandstone		3648'
				Blackhawk Formation		
				Kenilworth Sandstone		4720'
				Aberdeen Sandstone		4884'

Perforation Record (Interval, size and number)

4380-4382'	0.45"	2 Holes
4463-4465'	0.45"	2 Holes
4467-4470'	0.45"	3 Holes
4516-4521'	0.45"	5 Holes
4576-4578'	0.45"	2 Holes
4608-4615'	0.45"	7 Holes
4666-4668'	0.45"	2 Holes
4680-4690'	0.45"	10 Holes
4760-4762'	0.45"	3 Holes
4768-4770'	0.45"	3 Holes
4792-4798'	0.45"	7 Holes
4814-4818'	0.45"	5 Holes
	Total Holes	33

Depth Interval (MD)

Amount and Kind of Material Used

4380-4690'	54,474 gals. Saturn 4-35 HEC + 26,520# 100 mesh Ottawa sd. + 50,380# 20/40 Ottawa sd.
4760-4818'	1500 gals 15% HCL + 27 balls. 3,822 gals. Saturn 4-35 + 9,185# 100 Mesh sd. 55,744 gals. Saturn 4-35 + 24,000# 100 mesh sd + 23,436# 20/40 sd.



September 3, 1993

RECEIVED

SEP 07 1993

DIVISION OF  
OIL, GAS & MINING

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

RE: Federal 7-9  
Section 9-T12S-R10E  
Carbon County, Utah

Gentlemen:

Attached is an original and one (1) copy of an amended Form 3160-4 "Well Completion or Recompletion Report and Log" for the referenced well.

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

Very truly yours,

Cindy R. Keister  
Sr. Regulatory Analyst

CRK/ck

Attachments

cc: Utah Department of Natural Resources  
Regulatory File  
Central Files

RECEIVED

OCT 07 1992

DIVISION OF  
OIL GAS & MINING

October 5, 1992



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

Attn: Frank Matthews

Re: Federal #7-9 43-007-30137  
Castlegate Area Sec 9 T12S, R 10E  
Carbon County, Utah

Dear Mr. Matthews:

PG&E Resources Company requests all well data, logs and related information to be held confidential for the maximum time allowed by the State of Utah.

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

Yours very truly,

*Ava Hurst*

Ava Hurst  
Production Administrator  
Regulatory Affairs

/ah

RECEIVED

OCT 21 1992

DIVISION OF  
OIL, GAS & MINING

October 20, 1992



Mr. John Firth  
Division of Oil, Gas & Mining  
355 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Dear Mr. Firth:

PIC Technologies, Inc. is conducting a third party environmental audit for PG&E Resources Company which includes our Utah properties. Mr. Dave Schaub of PIC Technologies, Inc. will be in your offices tomorrow and has our permission to copy the following well files which are being held as CONFIDENTIAL:

Federal 7-9  
Federal 9-36A  
Federal 33-18J  
Federal 11-24B  
Federal 13-26B  
Federal 1-26B  
Federal 2-32B  
Federal 5-36B  
Federal 9-36

If you have any questions regarding the release of these well files, please call me at 214-750-3851.

Yours very truly,

*Clark Clement PE*  
Clark Clement  
Manager, Production Engineering

CC:sjh

PG&amp;E Resources Company

812 OCT 20 1992  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75206-3822  
Telephone 214/750-3800  
FAX 214/750-3883

October 20, 1992



Mr. John Firth  
Division of Oil, Gas & Mining  
355 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Dear Mr. Firth:

PIC Technologies, Inc. is conducting a third party environmental audit for PG&E Resources Company which includes our Utah properties. Mr. Dave Schaub of PIC Technologies, Inc. will be in your offices tomorrow and has our permission to copy the following well files which are being held as CONFIDENTIAL:

Federal 7-9  
Federal 9-36A  
Federal 33-18J  
Federal 11-24B  
Federal 13-26B  
Federal 1-26B  
Federal 2-32B  
Federal 5-36B  
Federal 9-36

If you have any questions regarding the release of these well files, please call me at 214-750-3851.

Yours very truly,



Clark Clement  
Manager, Production Engineering

CC:sjh

PG&E Resources Company  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75208-3922  
(214) 750-3800

FAX COVER SHEET

PG&E Resources Fax Numbers

___	Acquisition/Development (4th Flr)	(214) 750-3954
___	Business Development/Legal (10th Flr)	(214) 750-3166
___	Data Processing (2nd Flr)	(214) 750-3159
___	Drilling (5th Flr)	(214) 750-3845
___	Executive (10th Flr.)	(214) 750-3803
___	Exploration-Offshore (5th Flr)	(214) 750-3163
___	Exploration-Onshore (6th Flr)	(214) 750-3993
___	Financial Acctg/Tax Dept (10th Flr)	(214) 750-3188
___	General Accounting (2nd Flr)	(214) 750-3998
___	Human Resources (10th Flr.)	(214) 750-3165
___	Land/Land Admin (4th Flr)	(214) 750-3977
___	Main Fax (2nd Flr)	(214) 750-3883
___	Marketing (10th Flr)	(214) 750-3994
___	Operations-Offshore/Materials (5th Flr)	(214) 750-3189
✓	Operations-Onshore (6th Flr)	(214) 750-3164
___	Production/Revenue Acctg (2nd Flr)	(214) 750-3162
___	Treasury (10th Flr)	(214) 750-3160

*This transmittal was sent from the Fax # checked above*

TO: MR. JOHN FIRTH @ \_\_\_\_\_ @ FAX # 801-359-3940  
 TO: \_\_\_\_\_ @ \_\_\_\_\_ @ FAX # \_\_\_\_\_  
 TO: \_\_\_\_\_ @ \_\_\_\_\_ @ FAX # \_\_\_\_\_

FROM: CLARK CLEMENT Date: 10/20/92

The information contained in or attached to this facsimile transmission is intended only for the confidential use of the individual(s) named above. If you are not the named recipient or an agent responsible for delivering it to the named recipient, you are hereby notified that you have received this document in error and that review, dissemination or copying of this communication is prohibited. If you have received this transmission in error, please notify us immediately by telephone and return the original documents to us by mail.

TOTAL NO. OF PAGES: 1 (does not include cover page)

MESSAGE

[Empty message box]

IF YOU DO NOT RECEIVE ALL OF THIS TRANSMITTAL, PLEASE NOTIFY  
Sherk @ (214) 750- 706-3616

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UTU-65948
2. Name of Operator PG&E Resources Company	6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No. 6688 N. Central Expressway, Suite 1000, Dallas, TX 75206-3922	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2109' FNL, 2039' FEL (SW $\frac{1}{4}$ NE $\frac{1}{4}$ ) Sec. 9, T12S-R10E	8. Well Name and No. Federal #7-9
	9. API Well No. 43-007-30137
	10. Field and Pool, or Exploratory Area Wildcat
	11. County or Parish, State Carbon, Utah

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

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

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

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

PG&E Resources spud the above referenced well on 7/15/92. Ran 8-5/8" 24#, J-55 tubing to 482'. Cmt'd w/360 sx Prem Plus + 1/4# Flocele +2% CaCl2.

**RECEIVED**

NOV 09 1992

DIVISION OF  
OIL GAS & MINING

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

Signed *Cava Hurst* Title Production Administrator Date 9/15/92  
Regulatory Affairs

(This space for Federal or State office use)

Approved by **ACCEPTED** Title Branch of Fluid Minerals Date SEP 21 1992  
Mudab District

Conditions of approval, if any:

OPN



December 21, 1993

RECEIVED

DEC 27 1993

DIVISION OF  
OIL, GAS & MINING

Bureau of Land Management  
Moab District Office  
P. O. Box 970.  
82 E. Dogwood  
Moab, UT 84532

RE: Federal 4-13, 4-15, 7-9,  
14-13, 14-14, 16-14 & 16-15  
Castlegate CBM Project  
Sundries For NTL-2B  
Carbon County, Utah

Gentlemen:

Attached is an original and two (2) copies of Form 3160-5 "Sundry Notices and Reports on Wells," for the referenced wells.

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: Utah Division of Oil, Gas & Mining  
Central File  
Regulatory File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

DEC 27 1993

2. Name of Operator

PG&E Resources Company

DIVISION OF

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

214/750-3800

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

2109' FNL & 2038' FEL SW/4 NE/4 Sec. 9-T12S-R10E

5. Lease Designation and Serial No.

UTU-65948

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 7-9

9. API Well No.

43-007-30137

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon County, Utah

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other NTL-2B
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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

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

Signed

*Cindy K. Heister*

Title

Sr. Regulatory Analyst

Date

12/20/1993

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



# 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.

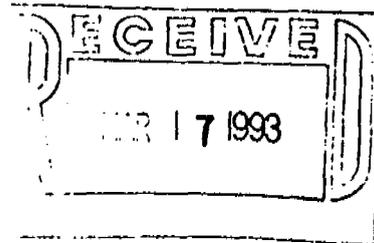
Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340



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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**PG&E Resources Company**

3. Address and Telephone No.  
**6688 N. Central Expwy., Suite 1000, Dallas, TX 75206      214/750-3800**

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  
**2109' FNL & 2038' FEL SW/4 NE/4 Sec. 9-T12S-R10E**

5. Lease Designation and Serial No.  
**UTU-65948**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**Federal 7-9**

9. API Well No.  
**43-007-30137**

10. Field and Pool, or Exploratory Area  
**Wildcat**

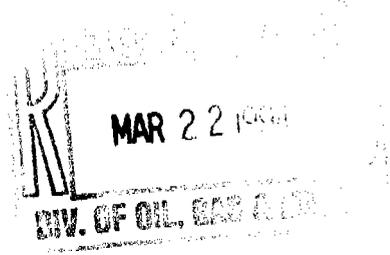
11. County or Parish, State  
**Carbon County, Utah**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>First Sales</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)</small>

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

PG&E Resources Company turned the referenced well into the gas sales line on March 7, 1994. The Federal 7-9 is producing at an estimated rate of 146 MCFD & 532 BWPD on pump.



14. I hereby certify that the foregoing is true and correct  
 Signed *Cynthia R. Feister* Title Sr. Regulatory Analyst Date 03/14/1994

(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206 214/750-3800

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

2109' FNL & 2038' FEL SW/4 NE/4 Sec. 9-T12S-R10E

5. Lease Designation and Serial No.

UTU-65948

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 7-9

9. API Well No.

43-007-30137

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

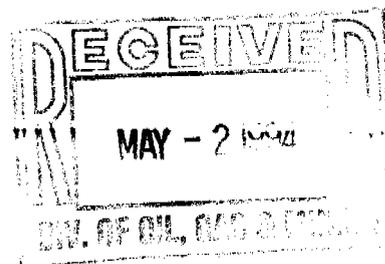
Carbon County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Sand consolidation</u> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)</small>

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

PG&E Resources Company performed a sand consolidation treatment on the Federal 7-9 and returned the well to production as shown on the attached daily report.



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

Signed

*Cathy B. Beister*

Title

Sr. Regulatory Analyst

Date

04/26/1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

## WELL HISTORY

**#7-9 FEDERAL**  
Castlegate Area  
Carbon County, Utah  
(PG&ER Operated)

- 04-05-94 Prep for sand consolidation treatment.
- 04-06-94 RU CTU, test lines to 5000 psi, test pkr & fluid valve to 4000 psi (ok). TIH at 3690' (DV tool), had 200-300 psi drag up & down. TIH, pkr sat down at 4606' with 2500 psi. PU clear, set down & PU, no change. TOH with pkr, 2 marks on GR, 4.68-4.750" OD. TIH with CT, mule shoed, pump at 1/4 BPM at 4603', lite tag (200 psi). Pump press increased a total of 60 psi, drop back to 175 psi at 4838'. TOH with CT to 4300', let sand fall for 20 min, TIH without pump to 4845'. Pump 1/4 BPM at 140 psi. TIH to 4878', no indication of fill. TOH, PU pkr, TIH to 55' & SDFN.
- 04-07-94 Test pkr, TIH on 1-1/2" CT to 4607', set down with 2500 lb, PU clean. Set down with 2800 lb, PU with 200 lb overpull. RIH at 50'/min, set down at 4607', overpull of 600 lb. TOH, gauge rings were not scored. RD CTU & SDFN.
- 04-08-94 RU, TIH w/4-3/4" OD mill, 5-1/2" 17# csg scraper & 2-7/8" tbg, hit tight spot at 4609'. Pull 25,000# over to free mill, could not rotate thru w/tongs, 5000 lb overpull to free. TOH & SDFN.
- 04-09-94 RIH with 4-5/8" csg swedge, BS, 3 DC's & tbg to 4609'. Work swedge (very tight), fell thru at 4620'. POOH, TIH with 4.750" swedge to 4673', TOH with 4-3/4" swedge & re-run 4-5/8" swedge to 4838', 4-5/8" swedge set down 20' below btm perf. TOH above top perf & SDFN.
- 04-10-94 TOH, PU Halliburton isolation pkr with fluid valve & TIH to 4300'. Test lines to 5000 psi (ok), test tool, would not hold. Pull up hole 15', retest, no test. Pull 600' up hole, retest, no test. Attempt again, no test. TOH, test on surf, fluid valve leaking & wear on cups. TIH to 4300' & SDFN.

## WELL HISTORY

**#7-9 FEDERAL**  
Castlegate Area  
Carbon County, Utah  
(PG&ER Operated)

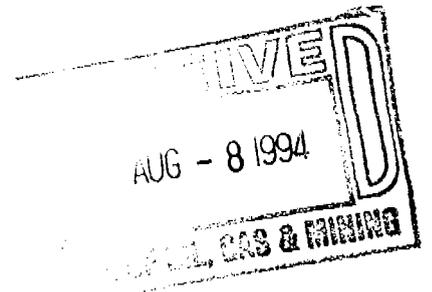
- 04-11-94      TIH to 4820' & pull swab from 3000' to rattle tbg. Pump 29 bbl filtered lease wtr down tbg. TOH & PU SPI tool, test tool at 75' from surf. Valve opened at 3100 psi, press to 4000 psi (ok). TIH at 25'/min, locate collar at 4303'. Press up to 4800 psi, tool failed. Move up 15' & retest, could not get tools to hole. TOH, SPI tool parted leaving 8' fish (btm cup & ext tbg) in hole. Will push to btm in morn. SDFN.
- 04-12-94      RIH with 4-3/4" bit, 3 DC's & push fish to btm, TOF at 4827'. TOH, RIH with PPI tool to 4303' & test tool to 4000 psi (ok). Tie to CCL with mechanical locator, set pkr across perms at 4814-18'. Pickle tbg with 150 gal acid over-flush. Release pkr, TOH with 8 stds 46' above top perf at 1380'. SDFN.
- 04-13-94      Test pkr to 4000 psi (ok). TIH, est inj rate at 1.5 BPM, 1600 psi across 4814-18'. Pump 168 gal Pre-Flush + 72 gal Hydrofix + 168 gal spacer + 84 gal 10% HCl acid & displace with 210 gal lease wtr with additives & 962 gal lease wtr. ISIP 1713 psi, 5 min to 0 psi, well on light vac. Open bypass, tool dragging 1st 4', 5-6K over-pull. Return to btm, tool dragging tighter & tighter, could not move tools down. At 5000 lb increments increase over-pull on tbg to 75K, CCL at 4788', tools stuck. Will cut off in morn to begin fishing.
- 04-14-94      Cut tbg off with chem cutter 10' above CCL. POOH, RIH with fishing tools & retrieve fish. POOH & SDFN.
- 04-15-94      RIH with 4-5/8" swedge to 4802', swedge stopped. Drive down & jar loose. Turn 1/4 turn, beat down, jar loose, TOH. PU PPI tool & TIH. Test to 4000 psi (ok). Pull standing valve, treat 4818-14' & 4798-92' with sand control chemicals. Drop standing valve, treat 4760-70'. Pull above perms to 4271' & SDFN.
- 04-16-94      Press test pkr at 4315' to 4000 (ok). Treat #1 4666-68', #2 4608-15', #3 4576-78', #4 4516-21', #5 4463-65' & 4467-70' & #6 4380-82'. Sand consolidation treatment complete. POOH.

## WELL HISTORY

**#7-9 FEDERAL**  
Castlegate Area  
Carbon County, Utah  
(PG&ER Operated)

- 04-17-94 TIH with 4-3/4" bit with csg scraper , tag at 4798' to 4801', could not get past this penetration with 4-3/4" bit rotating. TOH with 4-3/4" bit, LD work string. SDFN.
- 04-18-94 RIH with prod tbg & HPC Model 200 with RM102 Elastomer, EOT at 4822'. SDFN.
- 04-19-94 RIH with Model 200 quad rotor & 1" rods - 23 1" rods had bad guides. SDFN, WO rods.
- 04-20-94 WO rods.
- 04-21-94 WO rods.
- 04-22-94 RIH with rods, space out pump, RTP at 250 RPM, 38 amps, 180 BPD, FL at 900'.
- 04-23-94 RDMO. Flow 0 BW, 300 FPM, 44 amps, FL at 1260'. Wtr meter plugged.
- 04-24-94 Flow 25 MCFD, 2 BW, 325 RPM, 44 amps, FL at 1323'.

August 2, 1994



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

ATTENTION: Lisha Cordova

RE: Change of Operator  
Castlegate Wells  
Carbon County, Utah

Dear Lisha:

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

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

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

Sincerely,

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

Enclosures (33)

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

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

Routing:

1-LEC 7-PL	✓
2-LWP 8-SJ	✓
3-DTS 9-FILE	✓
4-VLC	✓
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 (405)	<u>475-7000</u>	phone (214)	<u>750-3922</u>
account no.	<u>N0035</u>	account no.	<u>N 0595</u>

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

Name: <u>FEDERAL 6-8/MVDCL</u>	<u>API 43-007-30140</u>	Entity: <u>11272</u> ✓	Sec <u>8</u>	Twp <u>12S</u>	Rng <u>10E</u>	Lease Type: <u>UTU6594</u>
Name: <u>FEDERAL 7-9/MVDCL</u>	<u>API 43-007-30137</u>	Entity: <u>11382</u> ✓	Sec <u>9</u>	Twp <u>12S</u>	Rng <u>10E</u>	Lease Type: <u>"</u>
Name: <u>FEDERAL 4-13/MVDCL</u>	<u>API 43-007-30126</u>	Entity: <u>11400</u> ✓	Sec <u>13</u>	Twp <u>12S</u>	Rng <u>10E</u>	Lease Type: <u>U65949</u>
Name: <u>FEDERAL 4-15/MVDCL</u>	<u>API 43-007-30138</u>	Entity: <u>11401</u> ✓	Sec <u>15</u>	Twp <u>12S</u>	Rng <u>10E</u>	Lease Type: <u>"</u>
Name: <u>FEDERAL 14-13/MVDCL</u>	<u>API 43-007-30177</u>	Entity: <u>11434</u> ✓	Sec <u>13</u>	Twp <u>12S</u>	Rng <u>10E</u>	Lease Type: <u>"</u>
Name: <u>FEDERAL 16-14/MVDCL</u>	<u>API 43-007-30174</u>	Entity: <u>11435</u> ✓	Sec <u>14</u>	Twp <u>12S</u>	Rng <u>10E</u>	Lease Type: <u>"</u>
Name: <u>FEDERAL 14-14/MVDCL</u>	<u>API 43-007-30173</u>	Entity: <u>11436</u> ✓	Sec <u>14</u>	Twp <u>12S</u>	Rng <u>10E</u>	Lease Type: <u>"</u>
Name: <u>FEDERAL 16-15/MVDCL</u>	<u>43-007-30176</u>	Entity: <u>11440</u> ✓	Sec <u>15</u>	Twp <u>12S</u>	Rng <u>10E</u>	Lease Type: <u>"</u>

**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: \_\_\_\_\_
- Lee 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.
- Sup 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *8-15-94*
- Sup 6. Cardex file has been updated for each well listed above. *8-17-94*
- Sup 7. Well file labels have been updated for each well listed above. *8-17-94*
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(8-15-94)*
- 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**

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

**BOND VERIFICATION (Fee wells only)**

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

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

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

**FILMING**

1. All attachments to this form have been microfilmed. Date: August 22 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**

940815 Bm/Vernal Aprv. 8-9-94 eff. 8-1-94

Note: Please furnish both Operators a copy of approval.

Form 3160-5  
(June 1970)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
 Anadarko Petroleum Corporation

3. Address and Telephone No.  
 9400 N. Broadway - Suite 700; Oklahoma City, OK 73114 (405) 475-7000

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2109' FNL & 2038' FEL, SW/4 NE/4, Sec. 9, T12S, R10E

5. Lease Designation and Serial No.  
 UTU-65948

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

7. If Unit or CA, Agreement Designation  
 N/A

8. Well Name and No.  
 Federal 7-9

9. API Well No.  
 43-007-30137

10. Field and Pool, or Exploratory Area  
 Wildcat

11. County or Parish, State  
 Carbon, Utah

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

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

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

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

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 Nationwide BLM Bond #153571.

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

By: Suzanna Darrow, Sr. Proration Analyst, August 1, 1994

cc: State of Utah; Department of Natural Resources; Division of Oil, Gas & Mining

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

Signed Steve Hamilton Title Division Administrative Manager Date August 1, 1994

(This space for Federal or State office use)

Approved by William Stungis Title Associate District Manager Date 8/19/94

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

Anadarko Petroleum Corporation  
Well No. Federal 7-9  
SWNE Sec. 9, T. 12 N., R. 10 E.  
Grand County, Utah  
Lease U-55943

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Anadarko Petroleum Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by BLM Bond No. ESO-0120 (Principal - Anadarko Petroleum Corporation) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3105.7-2 continuing responsibility are met.

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

Form 3160-5  
(June 1970)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU-65948

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Anadarko Petroleum Corporation

3. Address and Telephone No.

9400 N. Broadway - Suite 700; Oklahoma City, OK 73114 (405) 475-7000

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

2109' FNL & 2038' FEL, SW/4 NE/4, Sec. 9, T12S, R10E

8. Well Name and No.

Federal 7-9

9. API Well No.

43-007-30137

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon, Utah

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Change of Operator

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

Please 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 Nationwide BLM Bond #153571.

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

By: Suzanna Darrow, Sr. Proration Analyst, August 1, 1994

cc: State of Utah; Department of Natural Resources; Division of Oil, Gas & Mining

AUG - 8

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

Signed Steve Hamilton

Title Division Administrative Manager Date August 1, 1994

(This space for Federal or State office use)

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

Title \_\_\_\_\_ Date \_\_\_\_\_

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

\*See Instruction on Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number  
UTU-65948

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:  
CA# UTU-73772

8. Well Name and Number:  
Federal #7-9

9. API Well Number:  
43-007-30137

10. Field and Pool, or Wildcat  
Castlegate

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

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: SW NE 2109' FNL & 2038' FEL County: Carbon  
QQ.Sec., T., R., M.: Sec. 9 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

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

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

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

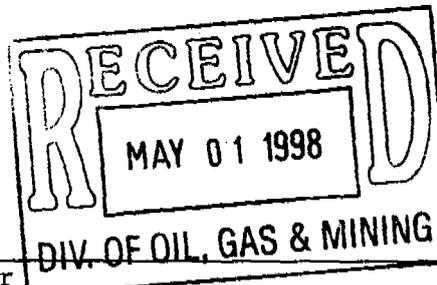
Approximate date work will start Early Spring

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

\* Must be accompanied by a cement verification report.

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

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



13. Name & Signature Shad Frazier Title Production Engineer Date 04/30/98

(This space for State use only)  
**Accepted by the State  
of Utah Division of  
Oil, Gas and Mining**

Date: 5-14-98

By: [Signature] (See Instructions on Reverse Side)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other    Coalbed Methane

2. Name of Operator  
**Anadarko Petroleum Corporation**

3. Address and Telephone No.  
**17001 Northchase Dr., Houston, TX 77060 (281) 875-1101**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SW NE 2109' FNL & 2038' FEL  
 Sec. 9 T12S-R10E**

5. Lease Designation and Serial No.  
~~UTU-65948~~ **UTU65948**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
**CA# UTU73772**

8. Well Name and No.  
**Federal #7-9**

9. API Well No.  
**43-007-30137**

10. Field and Pool, or Exploratory Area  
**Castlegate**

11. County or Parish, State  
**Carbon County, Utah**

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

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

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

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

See attached document for plugging procedures in accordance to plugging guidelines and the "Wellbore Diagram" for all wellbore information and geological markers.

RECEIVED  
 BUREAU OF LAND MANAGEMENT  
 FEB 19 1998 PM 2:30

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

Signed *Shad Frazier* Title Production Engineer Date 02/17/98

(This space for Federal or State office use)

Approved by *[Signature]* Title Assistant Field Manager, Resource Management Date 4/22/98

Conditions of approval, if any:

**CONDITIONS OF APPROVAL ATTACHED**

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

CONDITIONS OF APPROVAL

1. Notify Don Stephens fo the Price BLM office at (435) 636-3608 at least 24 hours prior to commencing plugging operations.
2. All wellbore volume between cement plugs shall be filled with bentonite gel of at least 9 pounds per gallon.
3. Upon finishing the plugging procedures, submit a subsequent report of abandonment (sundry notice) which details the work that was done.



**Plugging Procedure**

**Federal #7-9  
Sec. 9-T12S-R10E 2109' FSL & 2038' FEL  
Carbon County, Utah**

**AFE: 501501  
WI: 100%  
API # 43-007-30137**

**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 4380. POH w/ GR/JB and pick up CIBP. Trip in hole and set CIBP @ +/- 4330 (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 @ +/- 4330.
4. POH to bottom of surface casing @ 482 and spot a 50 ft. plug.
5. Pull up hole to within 50 ft of surface and spot 50 ft plug.
6. Cut production casing off and mix and pump a 100 ft cement plug between csg and prod csg. NDBOP.
7. Reclaim location and install 4 ft. dead man marker with lease name, number, company name, and legal description.

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

Prepared: Shad Frazier

Approved: Tom Rushing

Castlegate plugging.doc

cc: Steve Pearson  
Alan O'Donnell  
Kendall Madden  
Shad Frazier  
Tom Rushing  
WF - Federal #7-9, Carbon County, Utah

# FEDERAL #7-9

SW NE 2109' FNL & 2038' FEL: SEC 9 T12S-R10E  
API NO. 43-007-30137

SPUD RIG OFF  
SURFACE 07/14/1992 07/22/1992  
PRODUCTION 07/23/1992 08/09/1992

7311 GL 15 KB 7326

12-1/4" Hole  
8-5/8", 24# J-55  
w/360 sxs cmt  
TOC @ Surface

DV Tool  
w/340 sxs cmt

TOC

(Holes)	Perforations
(2)	4380 - 4382
(2)	4463 - 4465
(3)	4467 - 4470
(5)	4516 - 4521
(2)	4576 - 4578
(7)	4608 - 4615
(2)	4666 - 4668
(10)	4680 - 4690
(3)	4760 - 4762
(3)	4768 - 4770
(7)	4792 - 4798
(5)	4814 - 4818
(51)	Total Holes

FILL  
FISH

7-7/8" Hole  
5-1/2", 17# N-80  
w/305 sxs cmt

TD 4925

482

3693

4320

4816

4825

4878

4925

## WELL WORK HISTORY

09/12/1992 FRAC 4760-4818 w/60M GAL., 23M# 100  
MESH, 31M# 20/40, SCR OUT

09/22/1992 FRAC 4380-4690 w/57M GAL., 27M# 100  
MESH, 50M# 20/40, SCR OUT

10/06/1992 NEW KUDU PMP, HOLE IN TBG, TFF @ 4818

10/15/1992 BROKEN ROTOR, TFF @ 4782 & CO TO 4878

11/04/1992 BROKEN ROTOR, TFF @ 4800 & CO TO 4878

11/17/1992 BROKEN ROTOR, TFF @ 4855

11/20/1993 INSTALL NEW PMP, RODS, TBG, & TAC

03/09/1994 RODS PARTED, TFF @ 4810 & CO TO 4838

03/20/1994 BROKEN ROTOR, TFF @ 4804 & CO TO 4878

04/23/1994 SAND CONSOLID TRTMT, FISH IN HOLE  
IS BTM 5' OF SIP TOOL, PMP AGAIN

02/21/1995 RODS PARTED, RUN HPC 175-6000

04/18/1995 PARTED PR, RUN BMW 100-5200

06/21/1995 STATOR FAILED, ATTEMPT TO RETRIEVE  
FISH, TFF 4796 & CO TO 4825

06/27/1995 SET 320 AMERICAN PUMPING UNIT, POP

10/25/1995 CO BHP; LD 7 RODS W/ WORN GUIDES

01/19/1996 PARTED RODS @ 650'; CO BHP

02/16/1996 HOLE IN TBG; LD 7 BAD JTS; CO BHP

06/03/1997 Rod Part #9 3/4"

NOTES: TIGHT SPOTS @ 4582-4610, 4796-4802, 4838

### 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	FORMATION	TOP
260 0.5	PRICE RIVER	3212
670 4.5	CASTLEGATE	3648
1173 4.3	BLACKHAWK	3873
1674 4.5	KENILWORTH	4720
2197 4.8	ABERDEEN	4884
2388 4.8	SPRING CANYON	
2884 4.8		
3382 5		
4925 7		

LAST REVISED: 03/13/1998

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial Number

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

1. Type of Well: OIL  GAS  OTHER: METHANE

8. Well Name and Number:

Federal 7-9

2. Name of Operator

Anadarko Petroleum Corporation

9. API Well Number:

43-007-30137

3. Address and Telephone Number.

17001 Northchase Dr., Houston, Texas 77060

10. Field and Pool, or Wildcat

Castlegate Field

4. Location of Well

Footages: 2109' FNL & 2038' FEL  
QQ.Sec., T., R., M.: SW NE Sec. 9-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)

- |  |   |
|--|---|
| <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 _____               |   |

**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 07/01/98

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.)

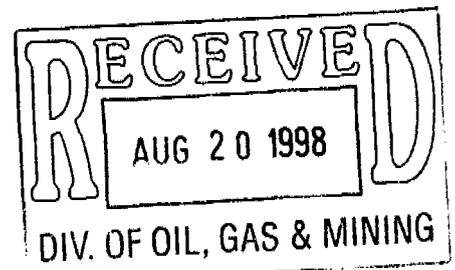
SEE ATTACHED WELLBORE DIAGRAM AND DETAILED FIELD REPORT.

WORK COMPLETED 07/01/98

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

(This space for State use only)

(See Instructions on Reverse Side)





# FEDERAL #7-9

SW NE 2109' FNL & 2038' FEL: SEC 9 T12S-R10E  
API NO. 43-007-30137

SPUD RIG OFF  
SURFACE 07/14/1992 07/22/1992  
PRODUCTION 07/23/1992 08/09/1992

7311 GL 15 KB 7326  
CMT PLUG 50  
100

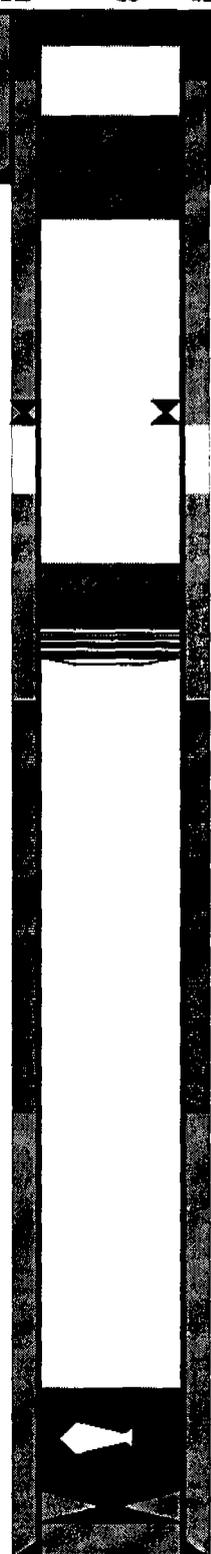
12-1/4" Hole  
8-5/8", 24# J-55  
w/360 sxs cmt  
TOC @ Surface

DV Tool  
w/340 sxs cmt

TOC

CIBP

(Holes)	Perforations
(2)	4380 - 4382
(2)	4463 - 4465
(3)	4467 - 4470
(5)	4516 - 4521
(2)	4576 - 4578
(7)	4608 - 4615
(2)	4666 - 4668
(10)	4680 - 4690
(3)	4760 - 4762
(3)	4768 - 4770
(7)	4792 - 4798
(5)	4814 - 4818
(51)	Total Holes



7-7/8" Hole  
5-1/2", 17# N-80  
w/305 sxs cmt

TD 4925

## WELL WORK HISTORY

09/12/1992	FRAC 4760-4818 w/60M GAL, 23M# 100 MESH, 31M# 20/40, SCR OUT
09/22/1992	FRAC 4380-4690 w/57M GAL, 27M# 100 MESH, 50M# 20/40, SCR OUT
10/06/1992	NEW KUDU PMP, HOLE IN TBG, TFF @ 4818
10/15/1992	BROKEN ROTOR, TFF @ 4782 & CO TO 4878
11/04/1992	BROKEN ROTOR, TFF @ 4800 & CO TO 4878
11/17/1992	BROKEN ROTOR, TFF @ 4855
11/20/1993	INSTALL NEW PMP, RODS, TBG, & TAC
03/09/1994	RODS PARTED, TFF @ 4810 & CO TO 4838
03/20/1994	BROKEN ROTOR, TFF @ 4804 & CO TO 4878
04/23/1994	SAND CONSOLID TRTMT, FISH IN HOLE IS BTM 5' OF SIP TOOL, PMP AGAIN
02/21/1995	RODS PARTED, RUN HPC 175-6000
04/18/1995	PARTED PR, RUN BMW 100-5200
06/21/1995	STATOR FAILED, ATTEMPT TO RETRIEVE FISH, TFF 4796 & CO TO 4825
06/27/1995	SET 320 AMERICAN PUMPING UNIT, POP
10/25/1995	CO BHP; LD 7 RODS W/ WORN GUIDES
01/19/1996	PARTED RODS @ 650'; CO BHP
02/16/1996	HOLE IN TBG; LD 7 BAD JTS; CO BHP
06/03/1997	Rod Part #9 3/4"

NOTES: TIGHT SPOTS @ 4582-4610, 4796-4802, 4838

### 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	

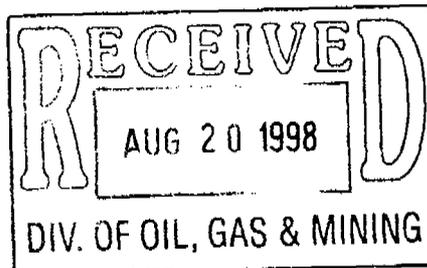
DEVIATION ANGLE	FORMATION	TOP
260 0.5	PRICE RIVER	3212
670 4.5	CASTLEGATE	3648
1173 4.3	BLACKHAWK	3873
1674 4.5	KENILWORTH	4720
2197 4.8	ABERDEEN	4884
2388 4.8	SPRING CANYON	
2884 4.8		
3382 5		
4925 7		

LAST REVISED: 07/21/1998



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

Gaj A. Rupert  
Engineering Technician

Enclosures

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

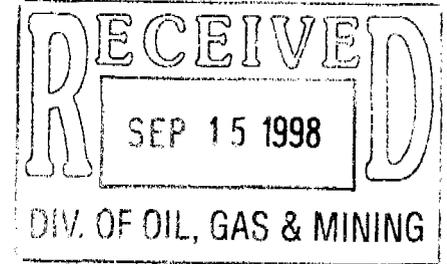
Bureau of Land Management  
Price River Resources Area  
900 North, 700 East  
Price, Utah 84501

GAR  
SMF  
TRC - Well File



# United States Department of the Interior

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



IN REPLY REFER TO  
UT-931

September 14, 1998

Anadarko Petroleum Corporation  
P.O. Box 1330  
Houston, Texas 77251-1330

43,007, 30165  
Re: Communitization Agreement  
UTU73773 (160 NE)  
Carbon County, Utah Sec. 15, 12S, 10E  
Gensen 7-15 (PA)

Gentlemen:

On January 24, 1995, Communitization Agreement UTU73773 was approved, effective November 1, 1993 and effective for a period of two years and for so long as communitized substances are, or can be produced from the communitized area in paying quantities. Communitization Agreement UTU73773 involves portions of Federal Lease UTU65949. The above mentioned communitization agreement terminated, effective as of August 23, 1998, due to the lack of production from the communitized area.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

bcc: Mineral Adjudication Group  
Division of Oil, Gas & Mining  
District Manager - Moab  
Trust Lands Administration  
MMS - Data Management Division  
CA UTU73773  
Agr. Sec. Chron  
Fluid Chron

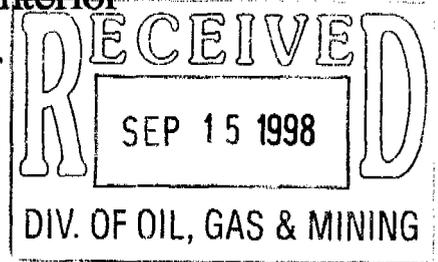
UT931:TAThompson:tt:9/14/98



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
UT-931

September 14, 1998

Anadarko Petroleum Corporation  
P.O. Box 1330  
Houston, Texas 77251-1330

Re: 43,007, 30175  
Communitization Agreement  
UTU74472 160 (SW)  
Carbon County, Utah Sec. 15, 12S, 16E  
Jensen 11-15 (PA)

Gentlemen:

On July 18, 1995, Communitization Agreement UTU74472 was approved, effective November 1, 1993 and effective for a period of two years and for so long as communitized substances are, or can be produced from the communitized area in paying quantities. Communitization Agreement UTU74472 involves portions of Federal Lease UTU65949. The above mentioned communitization agreement terminated, effective as of August 16, 1998, due to the lack of production from the communitized area.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

bcc: Mineral Adjudication Group  
Division of Oil, Gas & Mining  
District Manager - Moab  
Trust Lands Administration  
MMS - Data Management Division  
CA UTU74472  
Agr. Sec. Chron  
Fluid Chron

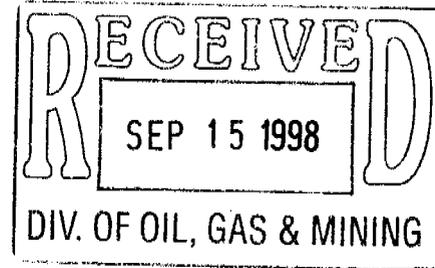
UT931:TAThompson:tt:9/14/98



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
UT-931

September 14, 1998

Anadarko Petroleum Corporation  
P.O. Box 1330  
Houston, Texas 77251-1330

43-007-30137  
Re: Communitization Agreement  
UTU73772 160 (NE)  
Carbon County, Utah Sec. 9, 12S, 10E  
Federal 7-9 (PA)

Gentlemen:

On January 24, 1995, Communitization Agreement UTU73773 was approved, effective November 1, 1993 and effective for a period of two years and for so long as communitized substances are, or can be produced from the communitized area in paying quantities. Communitization Agreement UTU73772 involves portions of Federal Lease UTU65948. The above mentioned communitization agreement terminated, effective as of August 30, 1998, due to the lack of production from the communitized area.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

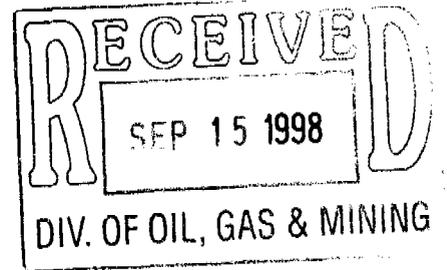
bcc: Mineral Adjudication Group  
Division of Oil, Gas & Mining  
District Manager - Moab  
Trust Lands Administration  
MMS - Data Management Division  
CA UTU73772  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:9/14/98



# United States Department of the Interior

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



IN REPLY REFER TO  
UT-931

September 14, 1998

Anadarko Petroleum Corporation  
P.O. Box 1330  
Houston, Texas 77251-1330

43,007,30162  
Re: Communitization Agreement  
UTU74475 160 (NW)  
Carbon County, Utah Sec. 10, 12S, 10E  
Jensen 5-10 (PA)

Gentlemen:

On June 21, 1995, Communitization Agreement UTU74475 was approved, effective November 1, 1993 and effective for a period of two years and for so long as communitized substances are, or can be produced from the communitized area in paying quantities. Communitization Agreement UTU74475 involves portions of Federal Lease UTU65948. The above mentioned communitization agreement terminated, effective as of August 11, 1998, due to the lack of production from the communitized area.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

bcc: Mineral Adjudication Group  
Division of Oil, Gas & Mining  
District Manager - Moab  
Trust Lands Administration  
MMS - Data Management Division  
CA UTU74475  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:9/14/98



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO  
UT-931

June 6, 2000

J. M. Huber Corporation  
1050 17<sup>th</sup> Street, Suite 1850  
Denver, Colorado 80265

Gentlemen:

*43-007-30137 Huber Fed. 7-9*

Enclosed is one approved copy of Communitization Agreement No. UTU78951. This agreement communitizes all rights as to natural gas and associated liquid hydrocarbons producible from the Blackhawk Coals Formation, covering the NE $\frac{1}{4}$  of Section 9, Township 12 South, Range 10 East, SLB&M, Carbon County, Utah. This agreement conforms with the spacing set forth in Order No. 241-1 which was issued by the State of Utah, Board of Oil, Gas and Mining on January 2, 1998.

This agreement is effective as of May 15, 2000. The communitized area covers 160.00 acres and includes portions of Federal Oil and Gas Lease UTU65948.

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

Minerals Management Service Form MMS-3160, "Monthly Report of Operations", must be submitted for this agreement beginning with the month in which drilling operations are re-commenced for Well No. 7-9, SW $\frac{1}{4}$  NE $\frac{1}{4}$ , Section 9, Township 12 South, Range 10 East, SLB&M, Carbon County, Utah, API# 43-047-30137, on Lease No. UTU65948. Form MMS-3160 is to be mailed to the Minerals Management Service, Production Accounting Division, P.O. Box 17110, Denver, Colorado 80217.

If this well is producing, this approval requires the submission of a Payor Information Form MMS-4025 to the Minerals Management Service (MMS) within 30 days (30 CFR 210.51). Please notify the designated payor or payors (purchasers, working interest owners, or others) as soon as possible regarding this requirement. Any production royalties that are due must be reported and paid within 90 days of the Bureau of Land Management's approval date or the payors will be assessed interest for late payment under the Federal Oil and Gas Royalty Management Act of 1982 (See 30 CFR 218.54). If you need assistance or clarification, please contact the Minerals Management Service at 1-800-525-9167 or 303-231-3504.

Please furnish all interested principals with necessary evidence of this approval.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

**RECEIVED**

Enclosure

JUN 07 2000

DIVISION OF  
OIL, GAS AND MINING

**bcc: Mineral Adjudication Group w/enclosure  
Field Manager - Moab w/enclosure  
Division Oil, Gas & Mining  
File - UTU78951  
MMS - Data Management Division  
Agr. Sec. Chron.  
Fluid Chron.**

**UT931:TATHOMPSON:tt:6/6/00**

**RECEIVED**

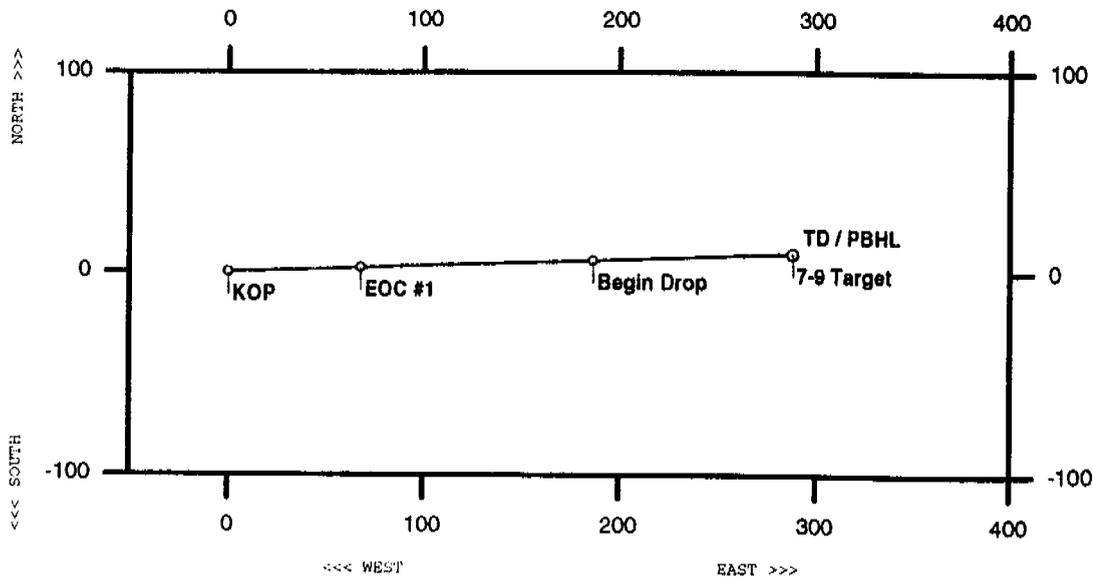
JUN 07 2000

DIVISION OF  
OIL, GAS AND MINING

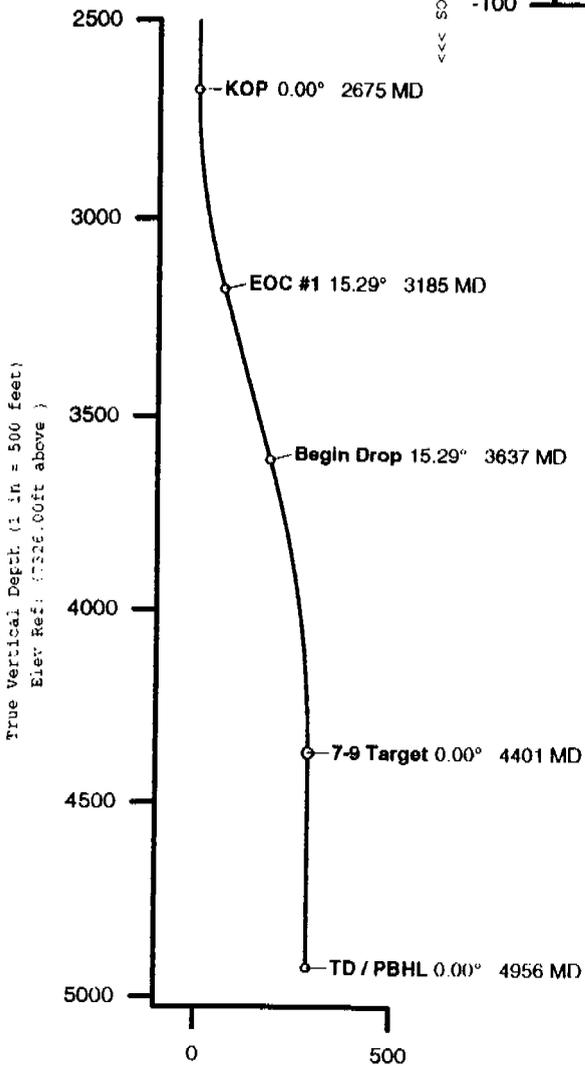
# Schlumberger JM Huber

WELL <b>Federal #7-9</b>	FIELD <b>UT, Carbon County</b>	STRUCTURE <b>JM Huber</b>
-----------------------------	-----------------------------------	------------------------------

PLAN VIEW Scale (1 in = 100 feet)



Vertical Section View



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

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

Vertical Section Dependent on 90° 1 deg from (0,0 - 0,0) (1 in = 500 feet)

Proposed Well Profile

Client: JM Huber Field: UT, Carbon County Structure: JM Huber Well: Federal #7-9 Borehole: New Borehole UNWAPI#: Date: April 12, 2000 Grid Convergence: 0.54449181° Scale Factor: 0.99990401  Location: N 39 39 0.000, W 110 39 0.000 : N 480701.183 ftUS, E 2239329.581 ftUS Coordinate System: NAD27 Utah State Planes, Central Zone, US Feet	Survey Computation Method: Minimum Curvature DLS Computation Method: Lubinski Vertical Section Azimuth: 88.210° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference: 7326.0 ft above Magnetic Declination: 12.964° Total Field Strength: 52938.328 nT Dip: 65.664° Declination Date: April 12, 2000 Magnetic Declination Model: BGGM 1999 North Reference: True North Coordinate Reference To: Well Head
---	--

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N-S (ft)	E-W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)
KOP	0.00	0.00	88.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.2MTF
	2675.00	0.00	88.21	2675.00	0.00	0.00	0.00	0.00	0.00	0.00	88.2MTF
	2700.00	0.75	88.21	2700.00	0.16	0.01	0.16	0.16	88.21	3.00	88.2MTF
	2800.00	3.75	88.21	2799.91	4.09	0.13	4.09	4.09	88.21	3.00	88.2MTF
	2900.00	6.75	88.21	2899.48	13.24	0.41	13.23	13.24	88.21	3.00	0.0
C #1 n Drop	3000.00	9.75	88.21	2998.43	27.59	0.86	27.57	27.59	88.21	3.00	0.0
	3100.00	12.75	88.21	3096.50	47.09	1.47	47.07	47.09	88.21	3.00	0.0
	3184.53	15.29	88.21	3178.51	67.57	2.11	67.53	67.57	88.21	3.00	0.0
	3636.76	15.29	88.21	3614.74	186.79	5.83	186.70	186.79	88.21	0.00	180.0
	3700.00	14.02	88.21	3675.92	202.79	6.33	202.69	202.79	88.21	2.00	180.0
	3800.00	12.02	88.21	3773.34	225.32	7.04	225.21	225.32	88.21	2.00	180.0
	3900.00	10.02	88.21	3871.49	244.43	7.63	244.32	244.43	88.21	2.00	180.0
	4000.00	8.02	88.21	3970.25	260.11	8.12	259.99	260.11	88.21	2.00	180.0
	4100.00	6.02	88.21	4069.50	272.34	8.51	272.20	272.34	88.21	2.00	180.0
	4200.00	4.02	88.21	4169.11	281.09	8.78	280.95	281.09	88.21	2.00	88.2MTF
7-9 Target TD / PBHL	4300.00	2.02	88.21	4268.96	286.36	8.94	286.22	286.36	88.21	2.00	88.2MTF
	4400.00	0.02	88.21	4368.94	288.14	9.00	288.00	288.14	88.21	2.00	88.2MTF
	4401.06	0.00	88.21	4370.00	288.14	9.00	288.00	288.14	88.21	2.00	88.2MTF
	4956.06	0.00	88.21	4925.00	288.14	9.00	288.00	288.14	88.21	0.00	0.0MTF

Survey Program: (No Error Model Selected)

J. M. Huber Corporation's Huber-Federal 7-9  
Surface: 2019' FNL & 2038' FEL  
BHL: 2009' FNL & 1738' FEL  
Sec. 9, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 1

### Drilling Program

<u>1. Formation Name</u>	<u>Depth from GL</u>	<u>Depth from KB</u>	<u>Subsea Depth</u>
Flagstaff Ls	0'	12'	+7,310'
North Horn Fm	350'	362'	+6,960'
Price River Ss	3,212'	3,224'	+4,098'
Castle Gate Ss	3,648'	3,660'	+3,662'
Blackhawk Coal	3,873'	3,885'	+3,437'
Kenilworth Coal	4,720'	4,732'	+2,590'
Aberdeen Ss	4,884'	4,896'	+2,426'
Total Depth	*4,956'	*4,968'	+2,410'

\*Measured Depth. All other depths are TVD based on a graded ground level of 7,310'.

### 2. NOTABLE ZONES

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

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

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

J. M. Huber Corporation's Huber-Federal 7-9  
Surface: 2019' FNL & 2038' FEL  
BHL: 2009' FNL & 1738' FEL  
Sec. 9, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 2

#### 4. CASING & CEMENTING

<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>Age</u>	<u>≈Setting Depth</u>
12-1/4"	8-5/8"	24	J-55	ST&C	Existing	482'
7-7/8"	5-1/2"	17	N-80	LT&C	Existing	4,925'
4-3/4"	4-1/2"	10.5	FL-55	Tubing	New	4,956'

Surface casing was circulated to surface with 360 sx Premium Plus cement. Long string was cemented with DV tool set at 3,693'. PG&E used 305 sx 50/50 Poz with additives and 340 sx Silica Lite with additives.

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

#### 5. MUD PROGRAM

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

#### 6. DATA GATHERING

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

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

#### 7. DOWN HOLE CONDITIONS

Maximum anticipated bottom hole pressure is ≈1,980 psi. No abnormal

J. M. Huber Corporation's Huber-Federal 7-9  
Surface: 2019' FNL & 2038' FEL  
BHL: 2009' FNL & 1738' FEL  
Sec. 9, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 3

pressures, temperatures, or hydrogen sulfide are expected.

#### 8. MISCELLANEOUS

Will reenter well and drill out plugs. Will kick off directional well at 2,675' MD.  
See attached profile data sheets for more detail.

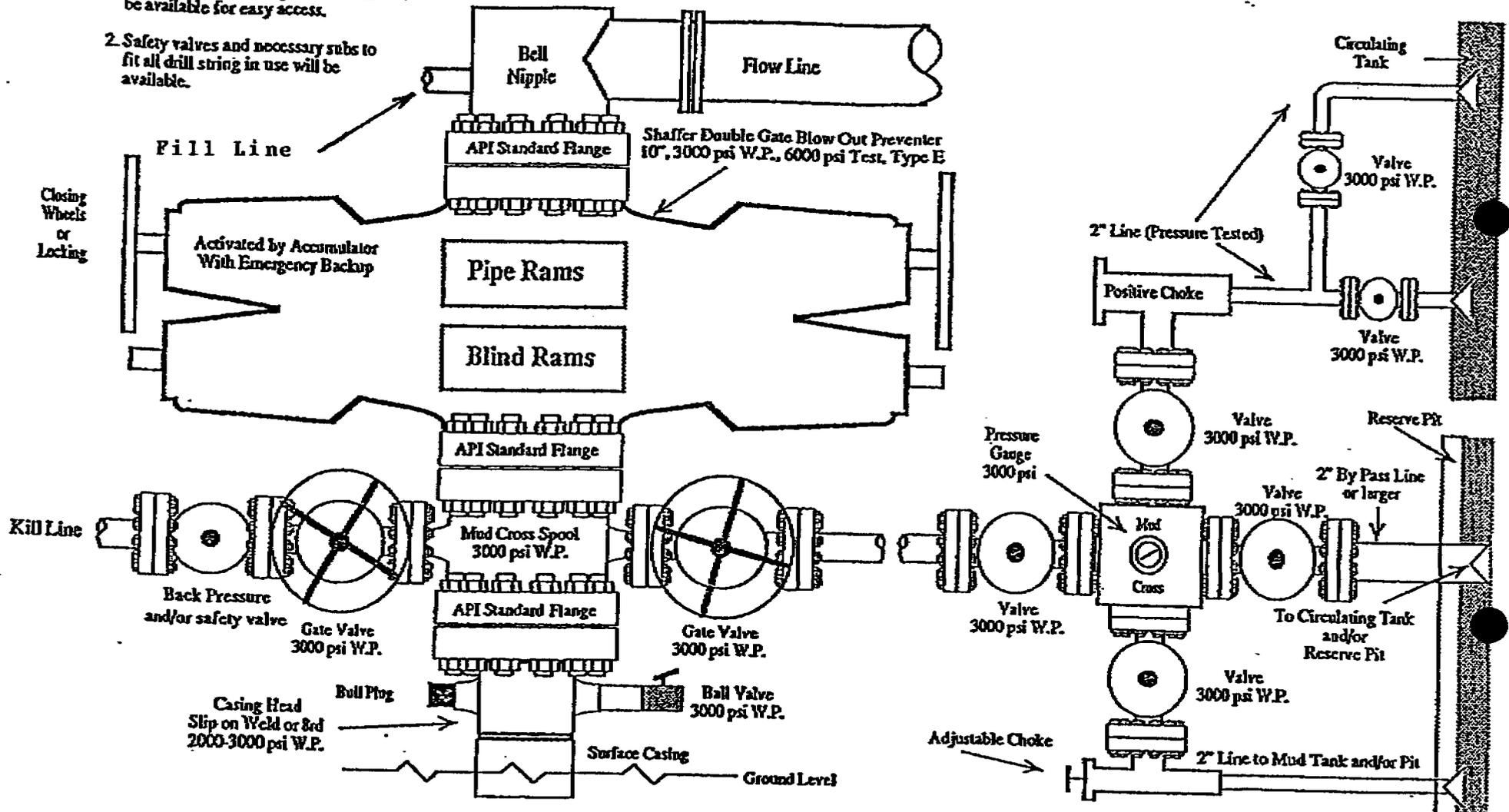
Projected spud date is July 1, 2000. It will take  $\approx$ 2 weeks to drill the well and  
 $\approx$ 3 weeks to complete the well.

# Pressure Control Equipment

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

Note: 1. An upper Kelly cock valve will be utilized during drilling. Handle will be available for easy access.

2. Safety valves and necessary subs to fit all drill string in use will be available.



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

J. M. Huber Corporation's Huber-Federal 7-9  
Surface: 2019' FNL & 2038' FEL  
BHL: 2009' FNL & 1738' FEL  
Sec. 9, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 5

## Surface Use Plan

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

From the junction of US 6 and US 191 north of Helper, Utah ...  
Go NE 7-1/2 miles on US 191 to the paved Matt's Summit Road  
Then turn left on the Matt's Summit Road and go W 1.4 miles  
Then turn left at a locked green steel gate and cattleguard  
Go S 1,178' on a ripped gravel road to the well site

### 2. ROAD TO BE BUILT OR UPGRADED

The last 1,178' of road will be repaired. It will be crowned and ditched with a 16' wide travel surface. Borrow ditches will turn out at least once every 100 yards on each side of the road. A damaged culvert will be replaced with a minimum 18" x 20' CMP culvert. Maximum disturbed width will not exceed 30'. Maximum grade is 8%. Maximum cut or fill will be 2'.

### 3. EXISTING WELLS

There are 5 P&A wells and 2 gas wells within a mile radius. There are no existing oil, water, injection, or disposal wells within a mile.

### 4. PROPOSED PRODUCTION FACILITIES

A dehydrator-separator, meter run, and pump may be installed on the pad. All surface equipment will be painted a flat olive green color. Low profile equipment will be used where possible. Buried electric, gas, and water lines will be laid east to Huber's existing utilities on the east end of the same pad.

J. M. Huber Corporation's Huber-Federal 7-9  
Surface: 2019' FNL & 2038' FEL  
BHL: 2009' FNL & 1738' FEL  
Sec. 9, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 6

## 5. WATER SUPPLY

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

## 6. CONSTRUCTION MATERIALS & METHODS

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

Gravel will be bought from town if needed.

## 7. WASTE DISPOSAL

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

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

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

J. M. Huber Corporation's Huber-Federal 7-9  
Surface: 2019' FNL & 2038' FEL  
BHL: 2009' FNL & 1738' FEL  
Sec. 9, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 7

Produced water will be piped to Huber's state approved lined  $\approx$ 9 acre-foot evaporation pond at the Jensen 7-15 well.

## 8. ANCILLARY FACILITIES

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

## 9. WELL SITE LAYOUT

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

## 10. RECLAMATION

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

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

All reclaimed areas will be broadcast seeded in late fall or winter with seed mix specified by the surface owners. Private owner's seed mix will include alfalfa, crested wheatgrass, Indian ricegrass, canby bluegrass, pubescent wheatgrass, Russian wild rye, slender wheatgrass, western wheatgrass, and yellow sweet clover. BLM will determine seed mix for pad and last 892.9' of

J. M. Huber Corporation's Huber-Federal 7-9  
Surface: 2019' FNL & 2038' FEL  
BHL: 2009' FNL & 1738' FEL  
Sec. 9, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 8

road on BLM land. Seeded areas will be left rough and lightly harrowed or drug with a chain after seeding.

#### 11. SURFACE OWNER

The first 286' of gravel road are on private land owned by the Jensen family. Contact is Jerry Jensen @ (435) 637-6242 (office). Surface use agreement was signed on May 4, 2000 and the family has been paid. Jerry is also the construction supervisor for Huber. Remainder of the project is on BLM land.

#### 12. OTHER INFORMATION

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

#### 13. REPRESENTATION

Anyone having questions concerning the APD should contact:

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

The field representatives during drilling and production will be:

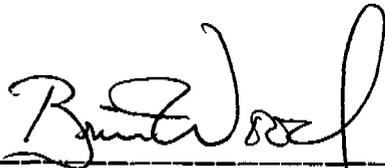
Tom Erwin & Mike Williams (970) 247-7708  
J. M. Huber Corporation  
33587 US Highway 160 East  
Durango, Co. 80301

J. M. Huber Corporation's Huber-Federal 7-9  
Surface: 2019' FNL & 2038' FEL  
BHL: 2009' FNL & 1738' FEL  
Sec. 9, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 9

I hereby certify J. M. Huber Corporation has the necessary consents from the proper lease and unit interest owners to conduct lease and unit operations in conjunction with this APD. Bond coverage *per* 43 CFR 3104 for lease activities is being provided by J. M. Huber Corporation.

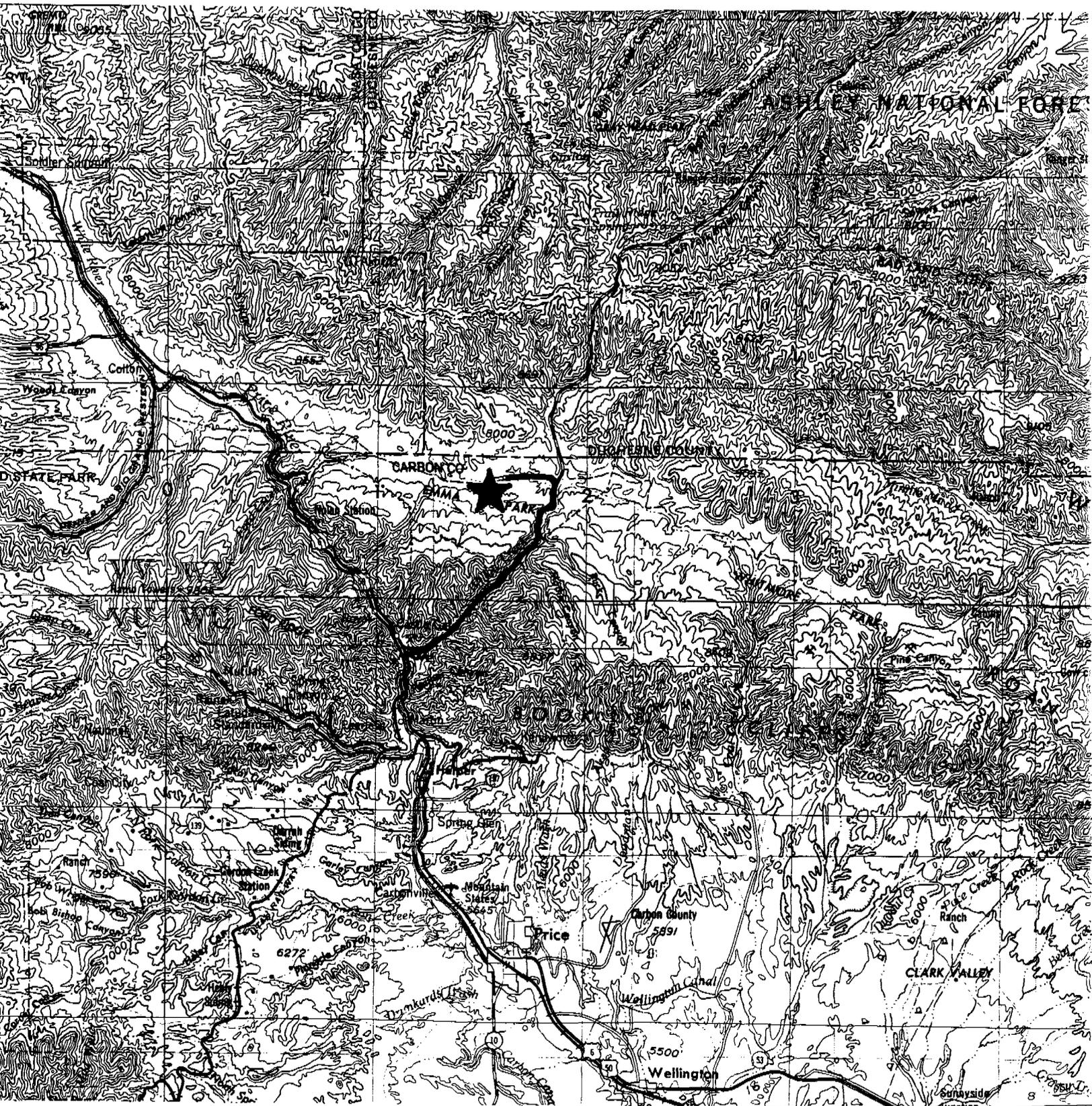
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by J. M. Huber Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



\_\_\_\_\_  
Brian Wood, Consultant

May 22, 2000  
Date

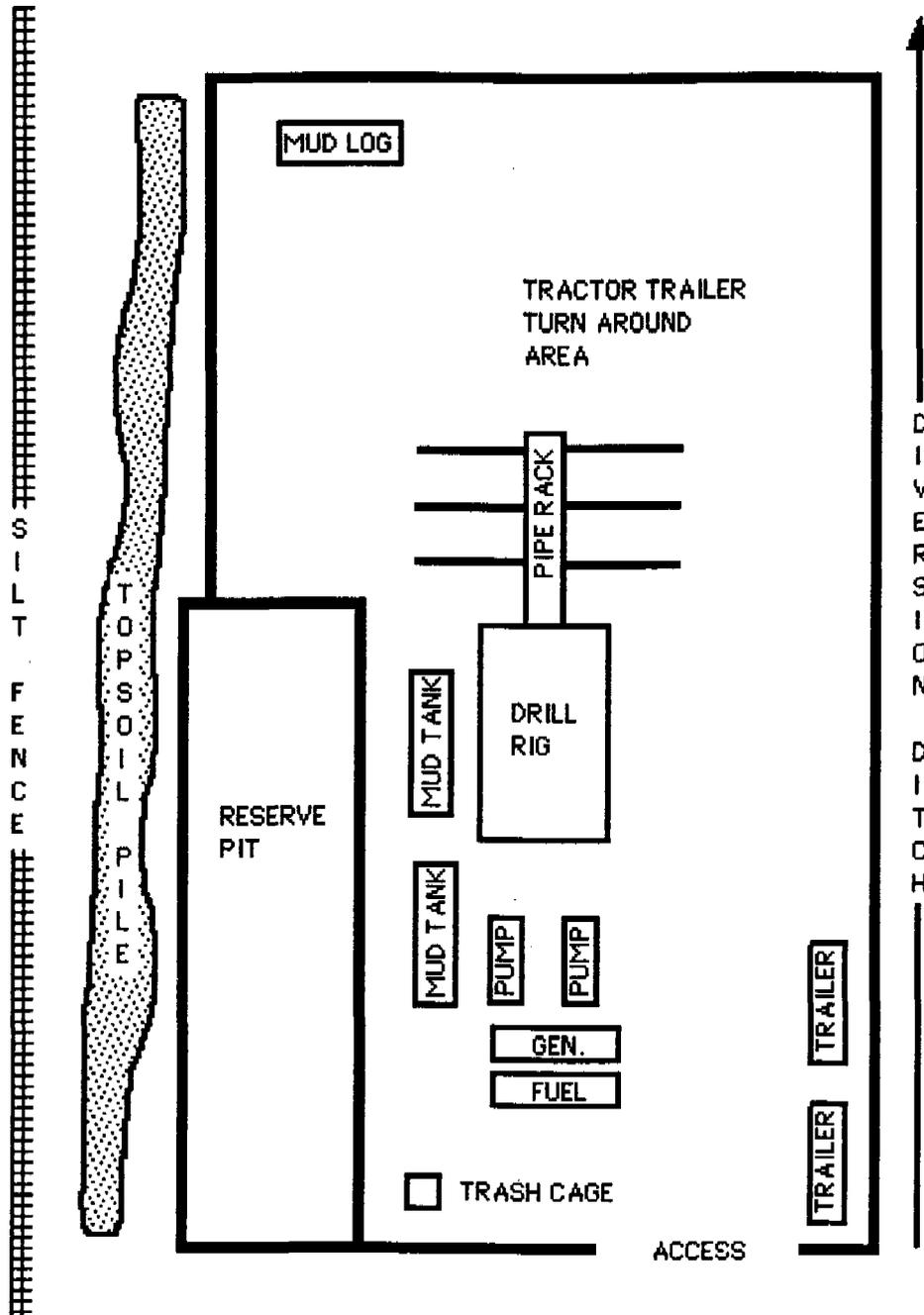
J. M. Huber Corporation's Huber-Federal 7-9  
Surface: 2019' FNL & 2038' FEL  
BHL: 2009' FNL & 1738' FEL  
Sec. 9, T. 12 S., R. 10 E.  
Carbon County, Utah



PROPOSED WELL: ★ EXISTING ROAD: ~



J. M. Huber Corporation's Huber-Federal 7-9  
Surface: 2019' FNL & 2038' FEL  
BHL: 2009' FNL & 1738' FEL  
Sec. 9, T. 12 S., R. 10 E.  
Carbon County, Utah



NORTH ← 1" = 50'

Huber - Federal 7-9  
well pad & section



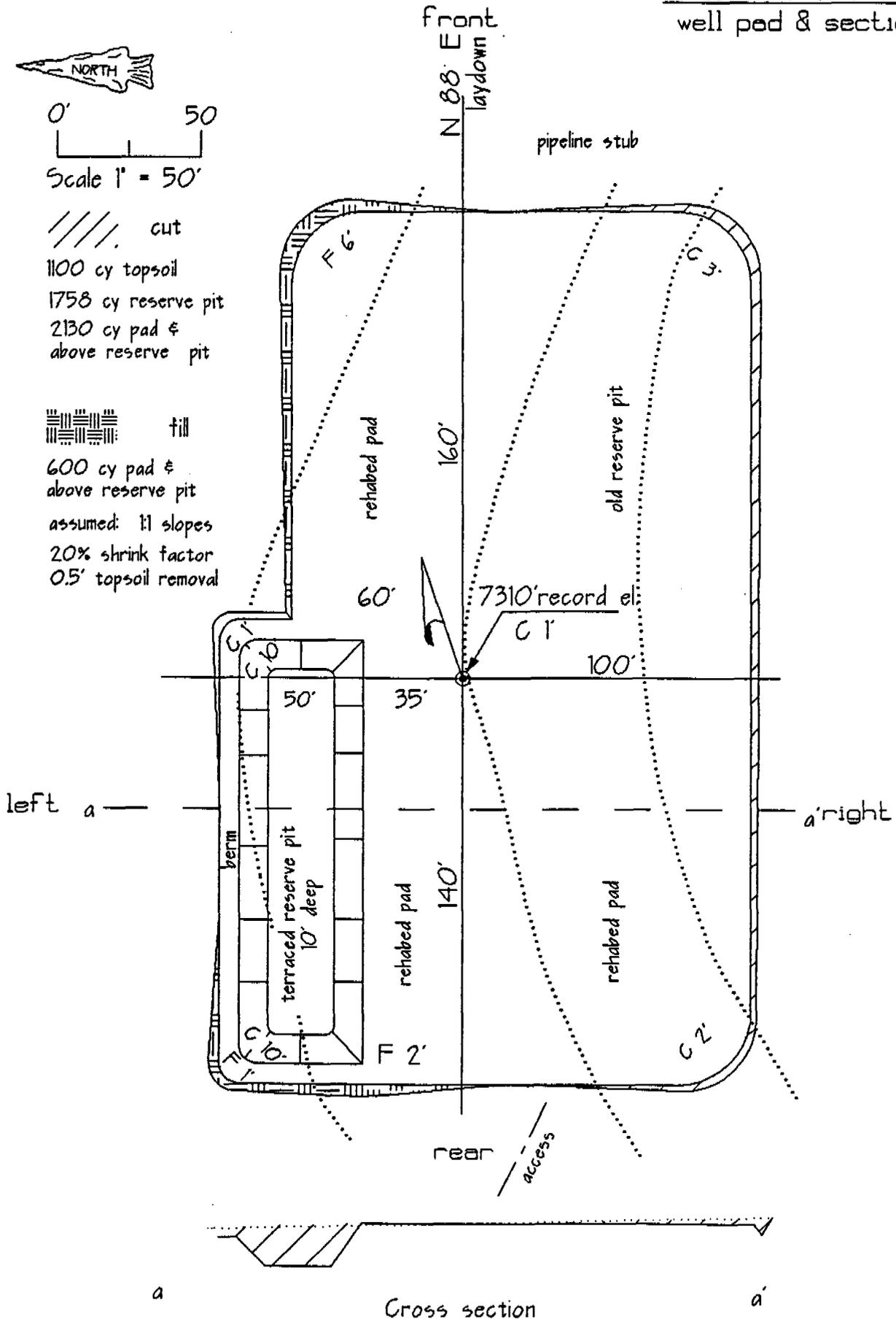
Scale 1" = 50'

/// cut

1100 cy topsoil  
1758 cy reserve pit  
2130 cy pad &  
above reserve pit

||||| fill

600 cy pad &  
above reserve pit  
assumed: 1:1 slopes  
20% shrink factor  
0.5' topsoil removal



Cross section



**ENERGY**

A FAMILY OF SOLUTIONS

**J.M. Huber Corporation**

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

May 19, 2000

**Affidavit of Completion of Surface Use Agreement**

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

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

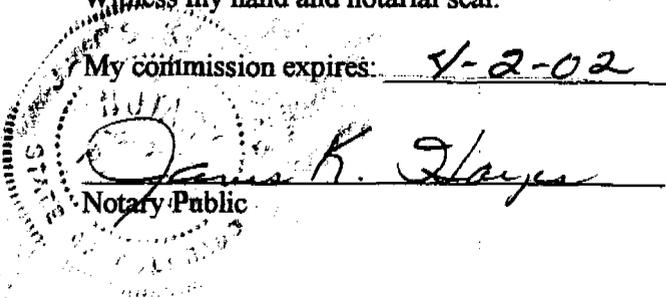
On behalf of J. M. Huber Corporation: J. Scott Zimmerman  
J. Scott Zimmerman  
Manager - Coalbed Methane Business Unit

Date: 5-19-00

State of Colorado)  
ss  
County of Denver)

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

Witness my hand and notarial seal.  
My commission expires: 4-2-02



James K. Glazer  
Notary Public

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
DRILL  DEEPEN

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

2. NAME OF OPERATOR  
J. M. Huber Corporation (303) 825-7900

3. ADDRESS AND TELEPHONE NO.  
1050 17th St., Suite 1850, Denver, Co. 80265

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface: 2019' FNL & 2038' FEL *4405400N 516774E*  
At proposed prod. zone: 2009' FNL & 1738' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* *4405403 N 5168165 E*  
9 air miles NNE of Helper, Ut.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 418'

16. NO. OF ACRES IN LEASE 2,473.31

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. >6000'

19. PROPOSED DEPTH 4,956'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7,310' graded ground

22. APPROX. DATE WORK WILL START\* July 1, 2000

5. LEASE DESIGNATION AND SERIAL NO.  
UTU-65948

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME, WELL NO.  
Huber-Federal 7-9

9. API WELL NO.

10. FIELD AND PART OF FIELD CAT  
Castlegate

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
9-12s-10e SLBM

12. COUNTY OR PARISH Carbon

13. STATE Ut.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASINO	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" (J-55)	24#	482'	≈200 cu ft & to surface
7-7/8"	5-1/2" (N-80)	17#	4,925'	≈112 cu ft & to ≈4,320'
4-3/4"	4-1/2" (FL-55)	10.5	4,956'	≈62 cu ft & to ≈2,600'

Will ~~reenter~~ PG&E's P&A Federal 7-9 (API #43-007-30137).  
Will communitize with adjacent Huber leases.  
All Huber leases within half mile radius.

RECEIVED

MAY 25 2000

DIVISION OF  
OIL, GAS AND MINING

cc: BLM (M&P), Huber (D&D), UDOGM

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

24. SIGNED: *[Signature]* CONSULTANT (505) 466-8120 DATE: 5-22-00

(This space for Federal or State office use)

PERMIT NO. 43-007-30137 APPROVAL DATE

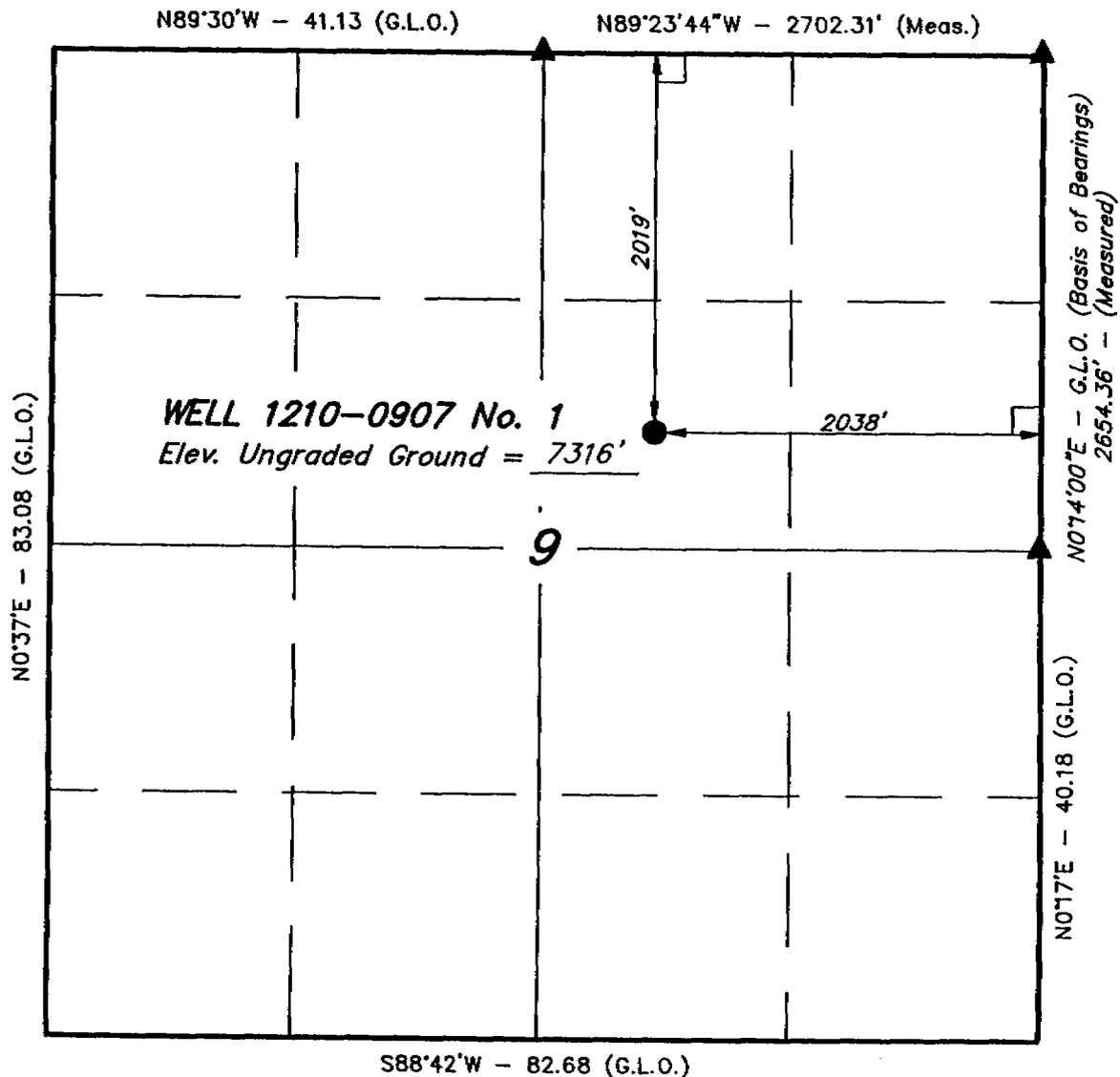
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY: *[Signature]* TITLE: BRADLEY G. HILL RECLAMATION SPECIALIST III DATE: 7/10/00

\*See Instructions On Reverse Side

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

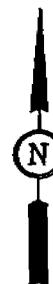


**COCKRELL OIL CORP.**

Well location, WELL 1210-0907 No. 1, located as shown in the SW 1/4 NE 1/4 of Section 9, T12S, R10E, S.L.B.&M. Carbon County, Utah.

**BASIS OF ELEVATION**

BENCH MARK LOCATED IN THE SW 1/4 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 BEST OF MY KNOWLEDGE AND BELIEF.

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

**UINTAH ENGINEERING & LAND SURVEYING**  
 P. O. BOX 1758 - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 3-21-91
PARTY D.A. K.L. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE COCKRELL OIL CORP.

▲ = SECTION CORNERS LOCATED. (Brass Caps)

July 5, 2000

To: Lisha Cordova

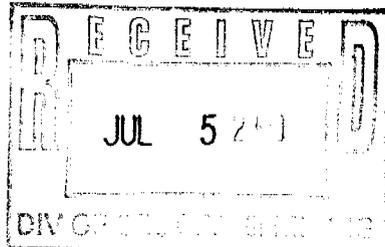
Fr: Brian Wood

Re: J. M. Huber Corporation's Huber-Federal 7-9 APD (9-12s-10e, Carbon)

The first 286' of gravel road is on private land owned by the Jensen family. Contact is Jerry Jensen @ (435) 637-6242 (office). Surface use agreement was signed on May 4, 2000 and the family has been paid. Jerry is also the construction supervisor for Huber.

Remainder of the project (last 892' of road, all of the well site, and pipeline connection) is on BLM land.

Please call me at 505 466 8120 if you have any other questions.





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

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

July 10, 2000

J. M. Huber Corporation  
1050 - Seventeenth St, Suite 1850  
Denver, CO 80265

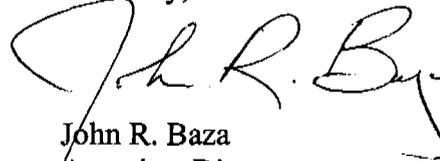
Re: Huber-Federal 7-9 Well, 2009' FNL, 1738' <sup>E</sup>FWL, SW NE, Sec. 9, T. 12 South,  
R. 10 East, Carbon County, Utah

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 43-007-30137.

Sincerely,



John R. Baza  
Associate Director

er  
Enclosures

cc: Carbon County Assessor  
Bureau of Land Management, Moab District Office

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

**Well Name & Number** Huber-Federal 7-9

**API Number:** 43-007-30137

**Lease:** UTU-65948

**Location:** SW NE      **Sec.** 9      **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

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338
- Contact Robert Krueger at (801) 538-5274.

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. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**UTU-65948**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA. Agreement Designation

**N/A**

8. Well Name and No.

**Huber-Federal 7-9**

9. API Well No.

**43-007-30137**

10. Field and Pool, or Exploratory Area

**Castlegate**

11. County or Parish, State

**Carbon, Ut.**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**J. M. Huber Corporation (303) 825-7900**

3. Address and Telephone No.

**1050 17th, Suite 1850, Denver, Co. 80265**

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

**Surface: SWNE 9-12s-10e  
BHL: Same**

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

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

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

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

**Will not directionally drill well.  
Instead, will re-enter wellbore, drill out plugs, and perforate with one shot per foot.  
  
Will not excavate reserve pit.  
Instead, will use steel mud tanks.**

**RECEIVED**

**JUL 25 2000**

**DIVISION OF  
OIL, GAS AND MINING**

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

Date: **7/13/00**

By: **[Signature]**

COPY SENT TO OPERATOR

Date: **8-1-00**  
Initials: **CAD**

cc: BLM (M&P), Scott, UDOGM

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

Signed

Title

Date

**Consultant (505) 466-8120**

**7-22-00**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**UTU-65948**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA, Agreement Designation

**N/A**

8. Well Name and No.

**Huber-Federal 7-9**

9. API Well No.

**43-007-30137**

10. Field and Pool, or Exploratory Area

**Castlegate**

11. County or Parish, State

**Carbon, Ut.**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**J. M. Huber Corporation (303) 825-7900**

3. Address and Telephone No.

**1050 17th, Suite 1850, Denver, Co. 80265**

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

**Surface: SWNE 9-12s-10e**

**BHL: Same**

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **Straight hole**

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

**Will not directionally drill well.  
Instead, will re-enter wellbore, drill out plugs, and perforate with one shot per foot.**

**Will not excavate reserve pit.  
Instead, will use steel mud tanks.**

**RECEIVED**

**SEP 19 2000**

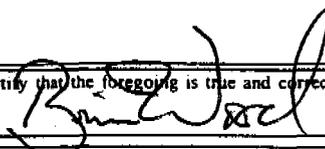
**DIVISION OF  
OIL, GAS AND MINING**

RECEIVED  
 FIELD OFFICE  
 2000 JUL 28 P 1:29

cc: BLM (M&P), Scott, UDOGM

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

Signed



Title

**Consultant (505) 466-8120**

Date

**7-22-00**

(This space for Federal or State office use)

Approved by

**/s/ WILLIAM C. STRINGER**

Title

**Assistant Field Manager,  
Division of Resources**

Date

**SEP 12 2000**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
 DRILL  DEEPEN

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

2. NAME OF OPERATOR  
 J. M. Huber Corporation (303) 825-7900

3. ADDRESS AND TELEPHONE NO.  
 1050 17th St., Suite 1850, Denver, Co. 80265

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 2019' FNL & 2038' FEL  
 At proposed prod. zone 2009' FNL & 1738' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 9 air miles NNE of Helper, Ut.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 418'

16. NO. OF ACRES IN LEASE 2,473.31

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. >6000'

19. PROPOSED DEPTH 4,956'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7,310' graded ground

22. APPROX. DATE WORK WILL START\* July 1, 2000

5. LEASE DESIGNATION AND SERIAL NO.  
 UTU-65948

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

7. UNIT AGREEMENT NAME  
 N/A CA# UTU78951

8. FARM OR LEASE NAME, WELL NO.  
 Huber-Federal 7-9

9. API WELL NO.  
 43-007-30137

10. FIELD AND PART OF THE ACAT  
 Castlegate

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 9-12s-10e SLBM

12. COUNTY OR PARISH Carbon

13. STATE Ut.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" (J-55)	24#	482'	≈200 cu ft & to surface
7-7/8"	5-1/2" (N-80)	17#	4,925'	≈112 cu ft & to ≈4,320'
4-3/4"	4-1/2" (FL-55)	10.5	4,956'	≈62 cu ft & to ≈2,600'

Will reenter PG&E's P&A Federal 7-9 (API #43-007-30137)  
 Will communitize with adjacent Huber leases.  
 All Huber leases within half mile radius.

RECEIVED

SEP 19 2000

DIVISION OF OIL, GAS AND MINING

FLARING OR VENTING OF GAS IS SUBJECT TO MFL 4-A  
 Dated 1/1/80

CONDITIONS OF APPROVAL ATTACHED

cc: BLM (M&P), Huber (D&D), UDOGM

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

24. SIGNED [Signature] TITLE Consultant (505) 466-8120 DATE 5-22-00

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

/s/ WILLIAM G. STRINGER

Assistant Field Manager,  
 Division of Resources

SEP 12 2000

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

\*See Instructions On Reverse Side

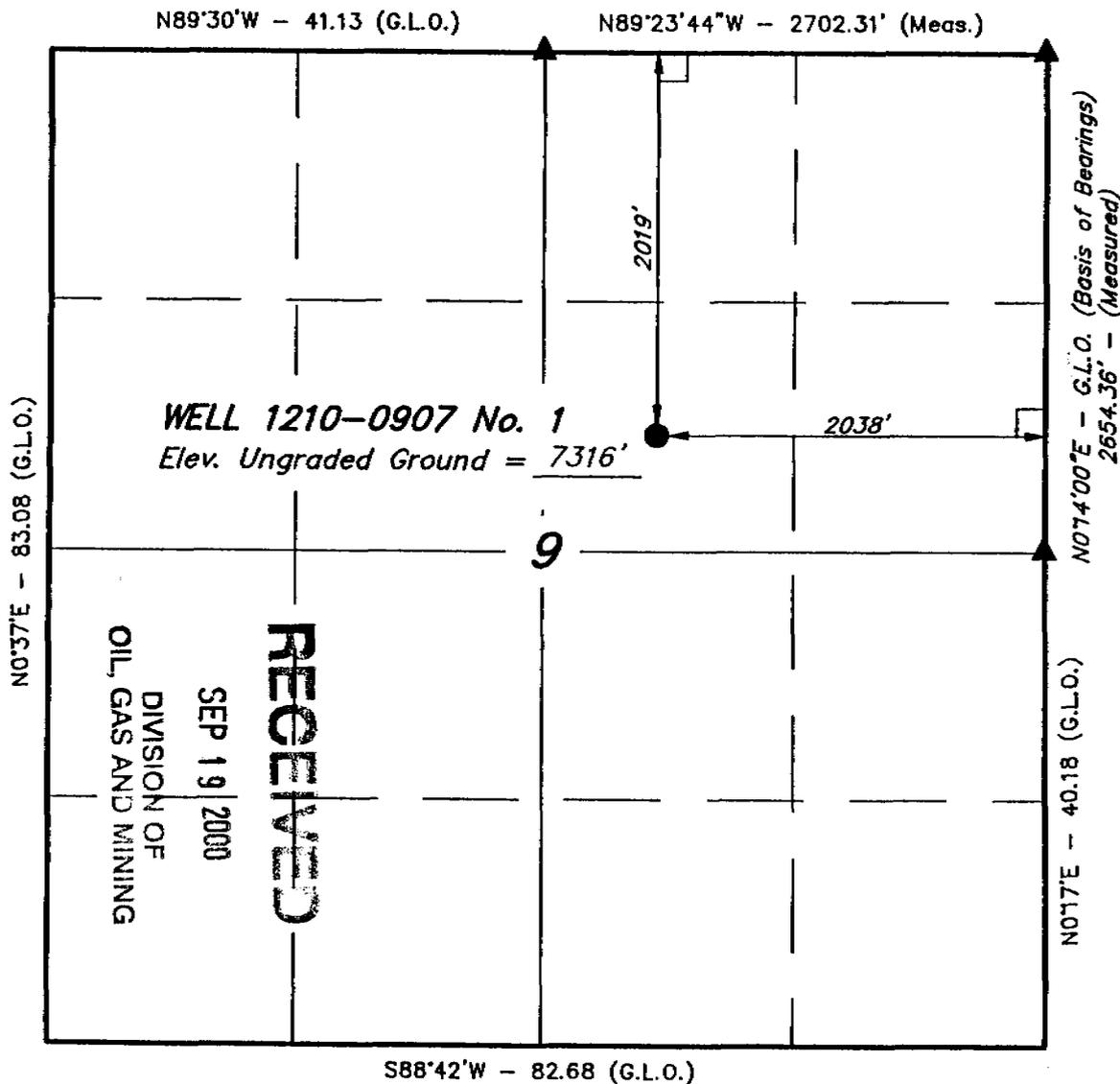
**COCKRELL OIL CORP.**

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

Well location, WELL 1210-0907 No. 1, located as shown in the SW 1/4 NE 1/4 of Section 9, T12S, R10E, S.L.B.&M. Carbon County, Utah.

**BASIS OF ELEVATION**

BENCH MARK LOCATED IN THE SW 1/4 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.



RECEIVED  
 SEP 19 2000  
 DIVISION OF  
 OIL, GAS AND MINING

**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.

**UNTAH ENGINEERING & LAND SURVEYING**  
 P. O. BOX 1758 - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 3-21-91
PARTY D.A. K.L. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE COCKRELL OIL CORP.

▲ = SECTION CORNERS LOCATED. (Brass Caps)

J.M. Huber Corporation  
Huber-Federal 7-9  
Lease U-65948  
Communitization Agreement U-78951  
SW/NE Section 9 T12S, R10E  
Carbon County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that J. M. Huber Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by ES 0071 (Principal - J. M. Huber Corporation) via surety consent as provided for in 43 CFR § 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR § 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR § 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions and the approved plan will be made available to field representatives to insure compliance.

**RECEIVED**

**SEP 19 2000**

**DIVISION OF  
OIL, GAS AND MINING**

A. DRILLING PROGRAM

1. The proposed BOPE is in a 2M configuration, and is adequate for this depth in this area. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining is required before conducting any surface disturbing activities.

**RECEIVED**

SEP 19 2000

DIVISION OF  
OIL, GAS AND MINING

**B. SURFACE USE**

**GENERAL CONSTRUCTION**

1. Operator shall contact the Price BLM Office at least forty-eight hours prior to the anticipated start of construction and/or any surface disturbing activities. The BLM may require and schedule a preconstruction conference with the operator prior to the operator commencing construction and/or surface disturbing activities. The operator and the operator's contractor, or agents involved with construction and/or any surface disturbing activities associated with the project, shall attend this conference to review the Conditions of Approval and plan of development. The operator's inspector will be designated at the pre-drill conference, and is to be given an approved copy of all maps, permits and conditions of approval before the start of construction. The BLM will also designate a representative for the project at the preconstruction conference.
2. The operator shall designate a representative(s) who shall have the authority to act upon and to implement instructions from the BLM. The operator's representative shall be available for communication with the BLM within a reasonable time when construction or other surface disturbing activities are underway.
3. Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the operator, or any person working on his behalf, on public land is to be immediately reported to the Price BLM Office. The operator will suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Price BLM Office. An evaluation of the discovery will be made by the BLM to determine appropriate actions to prevent the loss of significant cultural or scientific values. The operator is responsible for the cost of evaluation of any site found during construction. The BLM will determine what mitigation is necessary.
4. During project construction, surface disturbance and vehicle travel shall be limited to the approved location and access routes. Any additional area needed must be approved by the Price BLM Office prior to use.
5. The operator must provide a trash cage for the collection and containment of all trash. The trash shall be disposed in an authorized landfill. The location and access roads shall be kept litter free.
6. Vegetation removal necessitated by construction shall be confined to the

**RECEIVED**

SEP 19 2000

DIVISION OF  
OIL, GAS AND MINING

limits of actual construction. Removed vegetation will be stockpiled for use in reclamation or removed from the construction site at the direction of the BLM.

7. Prior to surface disturbance, topsoil is to be separately removed and segregated from other material. Topsoil depth will be decided onsite by BLM. If the topsoil is less than 6 inches, a 6-inch layer that includes the A horizon and the unconsolidated material immediately below the A horizon shall be removed and the mixture segregated and redistributed as the surface soil layer.

Generally topsoil shall be stored within the pad site or adjacent to access roads. The company in consultation with BLM shall determine stockpile locations and dimensions at the onsite. If the topsoil stockpiles will not be redistributed for a period in excess of one (1) year, the stockpiles are to be seeded with the seed mixture Sagebrush/Grass Association (attached).

#### **ROAD and PIPELINE CONSTRUCTION**

8. Operator shall provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
9. Road construction or routine maintenance activities are to be performed during periods when the soil can adequately support construction equipment. If such equipment creates ruts more than 6 inches deep, the soil is deemed too wet to adequately support construction equipment.
10. The operator is responsible for maintenance of all roads authorized through the lease or a right-of-way. Construction and maintenance shall comply with Class II or III Road Standards as described in BLM Manual Section 9113 and the Moab District Road Standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, headcut restoration/prevention.
11. Topsoil from access roads and pipelines is to be wind rowed along the uphill side of the road or stored in an approved manner. When the road and pipeline is rehabilitated, this soil will then be used as a top coating for the seed bed.
12. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipators as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to

RECEIVED  
SEP 19 2000

reconvert channel flow to sheet flow. Rock energy dissipators and gravel dispersion fans may be used, or any other design which would accomplish the desired reversion of flow regime. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

### **PAD CONSTRUCTION**

13. During the construction of the drill pad, suitable topsoil material is to be stripped and conserved in a stockpile on the pad. If stockpiles are to remain for more than a year, they shall be seeded with the seed mixture Sagebrush/Grass Association (attached).
14. Generally, drill pads are to be designed to prevent overland flow of water from entering or leaving the site. The pad is to be sloped to drain spills and water into the reserve pit. The drill pad shall be designed to disperse diverted overland flow and to regulate flow velocity so as to prevent or minimize erosion. Well pad diversion outlets shall be equipped with rock energy brakes and gravel-bedded dispersion fans.

### **REHABILITATION PROCEDURES**

#### **Site Preparation**

15. The entire roadbed should be obliterated and brought back to the approximate original contour. Drainage control is to be reestablished as necessary. All areas affected by road construction are to be recontoured to blend in with the existing topography. All berms are to be removed unless determined to be beneficial by BLM. In recontouring the disturbed areas, care should be taken to not disturb additional vegetation.

#### **Seedbed Preparation**

16. An adequate seedbed should be prepared for all sites to be seeded. Areas to be revegetated should be chiseled or disked to a depth of at least 12 inches unless restrained by bedrock.
17. Ripping of fill materials should be completed by a bulldozer equipped with single or a twin set of ripper shanks. Ripping should be done on 4-foot centers to a

**RECEIVED**

depth of 12 inches. The process should be repeated until the compacted area is loose and friable, then shall be followed by final grading. Seedbed preparation will be considered complete when the soil surface is completely roughened and the number of rocks (if present) on the site is sufficient to cause the site to match the surrounding terrain.

18. After final grading, the stockpiled topsoil shall be spread evenly across the disturbed area.

#### Fertilization

19. Commercial fertilizer with a formula of 16-16-8 is to be applied at a rate of 200 pounds per acre to the site. The rate may be adjusted depending on soil.
20. Fertilizer is to be applied not more than 48 hours before seeding, and shall be cultivated into the upper 3 inches of soil.
21. Fertilizer is to be broadcast over the soil using hand-operated "cyclone-type" seeders or rotary broadcast equipment attached to construction or revegetation machinery as appropriate to slope. All equipment should be equipped with a metering device. Fertilizer application is to take place before the final seeding preparation treatment. Fertilizer broadcasting operations should not be conducted when wind velocities would interfere with even distribution of the material.

#### Mulching

22. When it is time to reclaim this location, the Price BLM Office will determine whether it will be necessary to use mulch in the reclamation process. The type of mulch should meet the following requirements: Wood cellulose fiber shall be natural or cooked, shall disperse readily in water, and shall be nontoxic. Mulch shall be thermally produced and air dried. The homogeneous slurry or mixture shall be capable of application with power spray equipment. A colored dye that is noninjurious to plant growth may be used when specified. Wood cellulose fiber is to be packaged in new, labeled containers. A minimum application of 1500 pounds per acre shall be applied. A suitable tackifier shall be applied with the mulch at a rate of 60 to 80 pounds per acre.

An alternative method of mulching on small sites would be the application of straw or hay mulch at a rate of 2000 pounds per acre. Hay or straw shall be certified weed free. Following the application of straw or hay, crimping shall occur to ensure retention.

#### Reseeding

RECEIVED

SEP 19 2000

DIVISION OF  
OIL, GAS AND MINING

23. All disturbed areas are to be seeded with the seed mixture required by the BLM. The seed mixture(s) shall be planted in the fall of the year (Sept-Nov), in the amounts specified in pounds of pure live seed (PLS)/acre. There shall be no noxious weed seed in the seed mixture. Seed will be tested and the viability testing of seed shall be done in accordance with State law(s) and within 12 months prior to planting. Commercial seed will be either certified or registered seed. The seed mixture container shall be tagged in accordance with State law(s) and available for inspection by the BLM. Seed is to be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture shall be evenly and uniformly planted over the disturbed area. (Smaller/heavier seeds tend to drop to the bottom of the drill and are planted first. Appropriate measures should be taken to ensure this does not occur.) Where drilling is not possible, seed is to be broadcast and the area raked or chained to cover the seed. Woody species with seeds that are too large for the drill will be broadcast. When broadcasting the seed, the pounds per acre noted below are to be increased by 50 percent. Reseeding may be required if a satisfactory stand is not established to the surface rights owner's specifications. Evaluation of the seeding's success will not be made before completion of the second growing season after the vegetation becomes established. The Price BLM Office is to be notified a minimum of seven days before seeding a project.
24. The disturbed areas for the road and pipeline must be seeded in the fall of the year, immediately after the topsoil is replaced. The prescribed seed mixture is Sagebrush/Grass Association (attached).

General

1. Prior to the use of insecticides, herbicides, fungicides, rodenticides and other similar substances, the operator must obtain from BLM, approval of a written plan. The plan must describe the type and quantity of material to be used, the pest to be controlled, the method of application, the location for storage and disposal of containers, and other information that BLM may require. A pesticide may be used only in accordance with its registered uses and within other agency limitations. Pesticides must not be permanently stored on public lands.
2. In order to protect sage grouse nesting/brood rearing, wintering mule deer & elk, exploration, drilling and other development activity will be allowed only during the period from 7/1 through 11/1.
3. To prevent the potential contamination of groundwater resources by seepage of produced water, reserve pits will be lined according to the procedures outlined in Chapter 2 of the Final Environmental Impact Statement for the Castlegate Coalbed Methane Project (EIS).
4. Within six months of installation, surface structures shall be painted in the

following flat, earth tone color: Olive Black (5WA20-6). This Fuller O'Brien color is for reference only. Any brand of paint may be used provided the colors match. Any facilities that must be painted to comply with OSHA standards are exempt.

5. Cattle guards will be routinely maintained for the full life of the project. In addition, where access is located on privately owned surface estate, a metal gate will be installed across the cattle guard as required by the affected surface owner(s) to restrict access to private lands during the life of the project.
6. Access roads will be periodically bladed to smooth ruts and watered to reduce dust emissions. Huber will provide adequate turnouts to avoid traffic problems and to ensure roadway deterioration does not have offsite impacts resulting from erosion, sedimentation, and fugitive dust.
7. Huber will request the Department of Highway Safety to determine adequate signage identifying truck traffic on U.S. Highway 191, both north and south of the project area, and will ensure the installation of the determined signs.
8. Huber will *discuss* emergency plans with county law enforcement, fire protection, and emergency care providers. Plans will then be made clear to all Huber employees and subcontractors. Such information dissemination will minimize confusion in the case of an emergency.
9. Ground disturbance activities, cuts and fills, and removal of vegetation will be strictly confined to areas designated in the BLM-approved APDs. Minimizing disturbance will reduce contrasts between exposed soils and naturally vegetated areas.
10. To the extent possible, all juniper trees will be left standing and protected from disturbance. The few trees in the area offer better screening than the sagebrush and will be protected.
11. Reclamation plans approved by BLM; the Utah Division of Oil, Gas, and Mining; and private landowners will be precisely followed and monitored by BLM for at least two growing seasons.
12. Lights used during nighttime drilling efforts will be shielded to reduce offsite illumination.
13. All production structures and buildings, with the exception of those identified by Federal or State law, will be painted in nonglare, earth-tone colors.
14. Landscaping of the Central Processing Facility (CPF) will be designed and developed with the objective of minimizing visual impact as perceived from U.S. Highway 191 and the Key Observation Point. Landscaping will primarily utilize

RECEIVED  
SEP 19 2000

native species of varying height classes and minimize the appearance of straight lines and sharp angles.

15. If project traffic levels create dust problems during the dry months of the year, as determined by the Authorizing Officer, Huber will water roads and active working areas to reduce dust generation.
16. Wells will be located a minimum of 660 feet from known springs and 330 feet of the centerline of perennial streams to ensure that drilling operations will not have any impact.
17. Producing wells will be maintained in a condition of good mechanical integrity to prevent casing leaks and potential contamination of groundwater resources.
18. Huber should also apply for an appropriation of the produced water if a beneficial use can be defined, in which case it may be feasible to use the treated water rather than discharge to surface drainages.
19. The facilities for the West CPF will be relocated outside of soil map unit 108 (Silas loam).
20. Monitoring of disturbed areas by the County Weed Control Officer for noxious weed infestations will be conducted.
21. The areas of interim reclamation will also be monitored for infestations of noxious weeds. If infestations of noxious weeds occur in these disturbed areas, eradication measures will be implemented to control populations of weedy species.
22. Well locations will be relocated within the 160-acre spacing to avoid wetlands. Disturbance of wetlands by road crossings will be coordinated by Utah Division of Water Quality as they prepare the required Stream Crossing Permit.
23. Raptor inventories will be conducted each year between May 15 and June 15 to determine the status of previously identified nests to locate any new nests in areas where surface-disturbing activities are planned. Such inventory work must be conducted by personnel qualified in raptor inventory techniques and coordinated with the Authorized Office and the Utah Division of Wildlife Resources (UDWR). Active raptor nests will be protected from disturbance by prohibiting any activity within 0.5 mile of the nest.
24. Construction activities will be restricted within 2 miles of all known sage grouse leks between April 1 and June 15. No surface occupancy will be permitted on known leks.
25. Construction activities will be prohibited in critical elk winter range

RECEIVED

SEP 14 2000

DIVISION OF  
OIL, GAS AND MINING

December 1 and April 15, high-value mule deer winter range between December 1 and April 15, and any range identified as a mule deer fawning or elk calving area between May 15 and July 5. This does not include maintenance and operation of existing wells.

26. All evaporation ponds at the CPFs will be netted and fenced with mesh wire fences of sufficient height (6 feet) to prevent contact by waterfowl, other wildlife, or livestock.
27. Travel on service roads in designated elk wintering and calving, deer fawning, and sage grouse strutting areas will be restricted around dawn and dusk, whenever practical, during the respective calving, fawning, and strutting seasons.
28. Huber will work with the UDWR to develop a wildlife education program for employees to inform them of the potential impacts to wildlife from the project and of the mitigation measures which will be required.
29. Best Management Practices will be utilized to control sediment runoff from construction areas.
30. Riprap will be placed on stream banks at pipeline and road crossings to reduce erosion and sedimentation and to stabilize banks.
31. Stream crossings will be constructed during periods of reduced flow. Construction will be undertaken in such a manner that flow will be maintained at all stream *crossings*, and streams capacities will not be altered as a result of pipeline and road construction.
32. Removal of riparian vegetation will be avoided or riparian vegetation replaced.
33. Water discharge from the CPFs will be in full compliance with the State of Utah, Department of Environmental Quality, Utah Pollutant Discharge Elimination System, as delegated by the Environmental Protection Agency under the authority of the Clean Water Act of 1972.

**RECEIVED**

SEP 19 2000

DIVISION OF  
OIL, GAS AND MINING

The following seed mixture is for the area that would receive final reclamation. Areas would be planted to protect them from soil erosion and to restore forage production.

Table 1

Common Plant Name	Scientific Name	Pounds per acre (PLS)
Sagebrush/Grass Association		
Bluebunch wheatgrass	<i>Pseudoroegneria spicata</i>	3.0
Russian wild rye	<i>Psathyrostachys juncea</i>	2.0
Smooth brome	<i>Bromus inermis</i>	2.0
Alfalfa	<i>Medicago sativa</i>	2.0
Sainfoin	<i>Onobrychis viciifolia</i>	2.0
Bitterbrush	<i>Purshia</i>	1.0
Mountain sagebrush	<i>Artemisia tridentata</i> ssp. <i>vaseyana</i>	0.25
TOTAL		12.25

RECEIVED

SEP 19 2000

DIVISION OF  
OIL, GAS AND MINING

### C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the BLM Natural Resource Protection Specialist at least 48-hours prior to commencing construction of location.

Spud- The spud date will be reported to BLM 24-hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the Moab Field Office on a weekly basis.

Monthly Reports of Operations- In accordance with Onshore Oil and Gas Order No. 1, this well shall be reported on Minerals Management Service (MMS) Form 3160, "Monthly Report of Operations," starting the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with MMS.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval. "Sundry Notices and Reports on Wells" (Form 3160-5) will be filed, with the Moab Field Office, for approval of all changes of plans and subsequent operations in accordance with 43 CFR § 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Price Field Office is to be notified.

First Production- Should the well be successfully completed for production, the Moab Field Office will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Price Field Office. The Price Field Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the Moab Field Office not later than thirty-days after completion of the well or after completion of operations being performed, in accordance with 43 CFR § 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

RECEIVED  
SEP 19 2000  
DIVISION OF  
OIL, GAS AND MINING

Venting/Flaring of Gas- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered shut-in until the gas can be captured or approval to continue the venting/flaring as uneconomic is granted. In such case, compensation to the lessor shall be required for that portion of the gas that is vented/flared without approval and which is determined to have been avoidably lost.

Produced Water- An application for approval of a permanent disposal method and location will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order 7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR § 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Price Field Office or the appropriate surface managing agency.

**RECEIVED**

**SEP 19 2000**

**DIVISION OF  
OIL, GAS AND MINING**

TABLE 1

NOTIFICATIONS

Notify: Don Stephens (work: 435-636-3608, home: 435-637-7967) or  
Mike Kaminski (work: 435-636-3640, home: 435-637-2518) of the BLM,  
Price Field Office for the following:

2 days prior to commencement of dirt work, construction and reclamation;

1 day prior to spudding.

If the people above cannot be reached, notify the Moab Field Office at (435) 259-2100. If unsuccessful, contact the person listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab Field Office at (435) 259-2100. If approval is needed after work hours, you may contact the following:

Eric Jones, Petroleum Engineer      Office: (435) 259-2117  
Home: (435) 259-2214

RECEIVED

SEP 19 2000

DIVISION OF  
OIL, GAS AND MINING

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

FORM 6

**ENTITY ACTION FORM**

Operator: J. M. Huber Corporation Operator Account Number: N 2380  
 Address: 1050 17th St., Suite 1850  
city Denver  
state CO zip 80265 Phone Number: (303) 825-7900

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-007-30137	Huber-Federal 7-9	SWNE	9	12S	10E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	12991	Re-entry 9/26/00		9-26-00	
Comments: Original Spud Date was 7/14/92 <u>12-26-00</u>						

Well 2

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

Well 3

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

**ACTION CODES:**

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

T. Reed Scott

Name (Please Print)

Signature

Consulting Petroleum Engineer

Title

12/18/00

Date

DEC 22 2000

DIVISION OF  
 OIL, GAS AND MINING

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

COPY

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
**UTU 65948**

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

7. If Unit or CA. Agreement Designation  
**CA UTU 78951**

8. Well Name and No.  
**Huber-Federal 7-9**

9. API Well No.  
**43-007-30137**

10. Field and Pool, or Exploratory Area  
**Castlegate**

11. County or Parish, State  
**Carbon, UT**

SUBJECT TO APPLICABLE BLM REGULATIONS ON THE REVERSE SIDE

1. Type of Well  
 Oil Well  Gas Well  Other \_\_\_\_\_

2. Name of Operator  
**J. M. Huber Corporation**

3a. Address **1050 17th St., #1850 Denver, CO 80265** 3b. Phone No. (include area code) **1-303-825-7900**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Surface: SWNE Sec. 9-T12S-R10E 2019' FNL, 2038' FEL**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal
			<input checked="" type="checkbox"/> Other <u>Re-entry</u>
			<u>Work completed</u>

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Re-entry date 9/26/00

Drilled out cement plug & CIBP.

Cleaned out to 4810'

Perforate 4380'-82', 4463'-70', 4516'-21', 4524'-28', 4531'-35', 4576'-78', 4608'-15', 4665'-69', 4680'-90', 4694'-97', 4714'-19', 4760'-62', 4768'-70' w 4/SPF, 4" csg guns, 120 degree phasing  
Acidize perforations w/2565 gal, 15% HCL

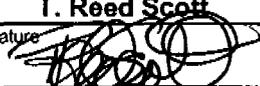
Put on production on 10/3/00

**RECEIVED**  
DEC 22 2000  
DIVISION OF  
OIL, GAS AND MINING

BLM (M&P), UDOGM, PW, Field Office Price, UT

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

Name (Printed/ Typed) **T. Reed Scott** Title **Consulting Petroleum Engineer**

Signature  Date **12/19/00**

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

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.  
(Instructions on reverse)

160-4  
(July, 1992)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-

**COPY**

FORM APPROVED

NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

**UTU-65948**

6. INDIAN ALLOTTEE OR TRIBE NAME

**N/A**

7. UNIT AGREEMENT

**CA UTU 78951**

8. FARM OR LEASE NAME

**Huber-Federal 7-9**

9. API WELL NO.

**43-007-30137**

10. FIELD NAME

**Castlegate**

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

**Sec. 9-T12S-R10E**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

TYPE OF WELL

OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

TYPE OF COMPLETION

NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RES.  OTHER **Re-Entry**

2. NAME OF OPERATOR

**J. M Huber Corporation**

3. ADDRESS OF OPERATOR

303-825-7900

**1050 17th St., #1850**

**Denver, CO 80265**

4. LOCATION OF WELL, Show quarter-quarter description and footage measurements

At surface **SWNE 2019' FNL, 2038' FEL**

At top prod. interval, reported below

**same**

At total depth

**same**

14. PERMIT NO.

**49-007-30137**

DATE ISSUED

**9/10/91**

12. COUNTY OR PARISH

**Carbon**

13. STATE

**Utah**

15. DATE SPUNDED

*Re-entry date 9/10/92*  
**7/14/92**

16. DATE T.D. REACHED

**8/10/92**

17. DATE COMPL. (Ready to Prod.)

**10/3/00**

18. ELEVATIONS (DF, RKB, RT, GR, etc.)\*

**7311 GR 7326 KB**

19. ELEV. CASINGHEAD

20. Total Depth (MD & TVD)

**4925'**

21. Plug back T.D. (MD & TVD)

**4878'**

22. If Multiple Compl., How Many\*

23. ROTARY TOOLS

**X**

CABLE TOOLS

24. PRODUCING INTERVAL (S), THIS COMPLETION, TOP, BOTTOM, NAME (MD & TVD)

**4380' - 4818' Black hawk**

25. WAS DIRECTIONAL SURVEY MADE

**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN (Circle those filed)

**Dual Induction Guard Log/Spectral Density Dual Spaced Neutron/Special Density Quick Look/CBL**

27. Was Well Cored

**No**

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

CASING SIZE	WEIGHT LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24# - J-55	482'	12-1/4"	360 sx Premium Plus cmt to surface	0
5-1/2"	17# - N-80	4925'	7-7/8"	305 sx 50/50 Poz w/add.	0
DV tool @3693'				340 sx Silica Lite w/add.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	4480'	NA

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size, and number)

**See Attached**

32. ACID, SHOT, Depth Set (MD)

DEPTH INTERVAL (MD)	Amt. & Kind of Material Used
<b>See Attached</b>	

33. PRODUCTION

DATE FIRST PRODUCTION	Producing Method (Flowing, gas, lift, pumping- size & type of pump)	WELL STATUS (prod. or shut-in)					
<i>10.3/2000 Re-entry</i> <b>10/15/92</b>	<b>Pumping - 2-1/2" tubing pump</b>	<b>Producing</b>					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL, BBLs	GAS, MCF	WATER- BBL	GAS-OIL RATIO
<b>10/6/00</b>	<b>24</b>	<b>NA</b>	<b>&gt;&gt;&gt;&gt;--&gt;</b>	<b>0</b>	<b>72</b>	<b>853</b>	<b>NA</b>
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24- HOUR RATE	OIL, BBLs	GAS, MCF	WATER- BBL	OIL GRAVITY- API	
<b>125</b>	<b>125</b>	<b>&gt;&gt;&gt;&gt;--&gt;</b>	<b>0</b>	<b>72</b>	<b>853</b>	<b>NA</b>	

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

Test Witnessed By

**Put back on production 10/3/00, gas is being sold to Questar Pipeline**

**Tom Erwin**

35. LIST OF ATTACHMENTS

**Perforation record**

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

SIGNED

**T. Reed Scott**

TITLE

**Consulting Petroleum Engineer** DATE

**Jan. 4, 2001**

\*See Instructions and Spaces for Additional Data on Reverse Side

17. 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

TOP	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Blackhawk	3873'	4884'	Natural Gas			
				Price River Sandstone		3212'
				Castlegate Sandstone		3648'
				Blackhawk Formation		3873'
				Kenilworth Sandstone		4720'
				Aberdeen Sandstone		4884'
				TD		4925'

Perforation record: 9/26/00

Holes/SPF	Perforations	Size
4	4380' - 4382'	0.50"
4	4463' - 4470'	0.50"
4	4516' - 4521'	0.50"
4	4524' - 4528'	0.50"
4	4531' - 4535'	0.50"
4	4576' - 4578'	0.50"
4	4608' - 4615'	0.50"
4	4665' - 4669'	0.50"
4	4680' - 4690'	0.50"
4	4694' - 4697'	0.50"
4	4714' - 4719'	0.50"
4	4760' - 4762'	0.50"
4	4768' - 4770'	0.50"

Re-entry date 9/26/00

Drilled out cement plug & CIBP

Cleaned out to 4810'

Perforate w 4/SPF, 4" csg guns, 120 degree phasing

Acidize perforations w/ 2565 gal, 15% HCL

Put on production 10/3/00

PG&E Resources Company (Previous Operator)

Perforation Record : 1992

Holes	Perforations	Size
2	4380' - 4382'	0.45"
2	4463' - 4465'	0.45"
3	4467' - 4470'	0.45"
5	4516' - 4521'	0.45"
2	4576' - 4578'	0.45"
7	4608' - 4615'	0.45"
2	4666' - 4668'	0.45"
10	4680' - 4690'	0.45"
3	4760' - 4762'	0.45"
3	4768' - 4770'	0.45"
7	4792' - 4798'	0.45"
5	4814' - 4818'	0.45"

RECEIVED  
OCT 11 2000  
DIVISION OF  
OIL, GAS AND LEASING

4380' - 4690' 54,474 gals. Saturn 4-35 HEC + 26,520# 100 mesh Ottawa  
sd + 50,380# 20/40 Ottawa sd.

4760' - 4818' 1500 gals 15% HCL + 27 balls.  
3,822 gals. Saturn 4-35 + 9,185# 100 Mesh sd.  
55,744 gals. Saturn 4-35 + 24,000# 100 mesh sd + 23,436#  
20/40 sd.



**ENERGY**

A FAMILY OF SOLUTIONS

**J.M. Huber Corporation**

1050 17<sup>th</sup> St., Ste. 1850  
Denver, CO 80265

phone: (303) 825-7900  
fax: (303) 825-8300  
e-mail: [dv\\_cpjaw@huber.co](mailto:dv_cpjaw@huber.co)  
[www.huber.com](http://www.huber.com)

January 4, 2001

U.S. Department of the Interior  
Price Field Office – Don Stevens  
Bureau of Land Management  
125 South 600 West  
Price, UT 84501

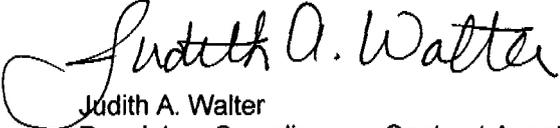
RE: 3160-4 Completion Report – Huber Federal 7-9  
SWNE Sec. 9-T12S-R10E  
Enclosed in duplicate

Dear Don,

Enclosed you will find the 3160-4 Completion Report in duplicate for the above mentioned well.

If you have any other questions or concerns please do not hesitate to call me at 303-825-7900.

Respectfully yours,

  
Judith A. Walter  
Regulatory Compliance – Contract Agent

Cc: BLM – Eric Jones, 82 East Dogwood, Moab, Utah 84532 (Faxed also)  
UDOGM-Carol Daniels, 1594 West North Temple, Suite 1210, Salt Lake City, UT 84114-1210  
Permits West – Brian Wood, 37 Verano Loop, Santa Fe, NM 87505  
J.M. Huber Field Office – Larry Sessions, 441 South Carbon Ave. #4, Price, UT 84501  
Correspondence  
Well File

RECEIVED  
JAN 10 2001  
BUREAU OF LAND MANAGEMENT  
COLUMBIAN BLVD

160-4  
(July, 1992)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-

**COPY**

FORM APPROVED

NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

**UTU-65948**

6. INDIAN ALLOTTEE OR TRIBE NAME

**N/A**

7. UNIT AGREEMENT

**CA UTU 78951**

8. FARM OR LEASE NAME

**Huber-Federal 7-9**

9. API WELL NO.

**43-007-30137**

10. FIELD NAME

**Castlegate**

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

**Sec. 9-T12S-R10E**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

TYPE OF WELL

OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

TYPE OF COMPLETION

NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RES.  OTHER **Re-Entry**

2. NAME OF OPERATOR

**J. M Huber Corporation**

3. ADDRESS OF OPERATOR

303-825-7900

**1050 17th St., #1850**

**Denver, CO 80265**

4. LOCATION OF WELL, Show quarter-quarter description and footage measurements

At surface **SWNE 2019' FNL, 2038' FEL**

At top prod. interval, reported below

**same**

At total depth

**same**

14. PERMIT NO.

**49-007-30137**

DATE ISSUED

**9/10/91**

12. COUNTY OR PARISH

**Carbon**

13. STATE

**Utah**

15. DATE SPUNDED

**7/14/92**

16. DATE T.D. REACHED

**8/10/92**

17. DATE COMPL. (Ready to Prod.)

**10/3/00**

18. ELEVATIONS (DF, RKB, RT, GR, etc.)\*

**7311 GR 7326 KB**

19. ELEV. CASINGHEAD

20. Total Depth (MD & TVD)

**4925'**

21. Plug back T.D. (MD & TVD)

**4878'**

22. If Multiple Compl., How Many\*

23. ROTARY TOOLS

**X**

CABLE TOOLS

24. PRODUCING INTERVAL (S), THIS COMPLETION, TOP, BOTTOM, NAME (MD & TVD)

**4380' - 4818' Black hawk**

25. WAS DIRECTIONAL SURVEY MADE

**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN (Circle those filed)

**Dual Induction Guard Log/Spectral Density Dual Spaced Neutron/Special Density Quick Look/CBL**

27. Was Well Cored

**No**

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

CASING SIZE	WEIGHT LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24# - J-55	482'	12-1/4"	360 sx Premium Plus cmt to surface	0
5-1/2"	17# - N-80	4925'	7-7/8"	305 sx 50/50 Poz w/add.	0
DV tool @3693'				340 sx Silica Lite w/add.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	4480'	NA

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size, and number)

**See Attached**

32. ACID, SHOT, Depth Set (MD)

DEPTH INTERVAL (MD)	Amt. & Kind of Material Used
<b>See Attached</b>	

33. PRODUCTION

DATE FIRST PRODUCTION	Producing Method (Flowing, gas, lift, pumping- size & type of pump)	WELL STATUS (prod. or shut-in)					
<b>10/15/92</b>	<b>Pumping - 2-1/2" tubing pump</b>	<b>Producing</b>					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL, BBLs	GAS, MCF	WATER- BBL	GAS-OIL RATIO
<b>10/6/00</b>	<b>24</b>	<b>NA</b>	<b>&gt;&gt;&gt;&gt;--&gt;</b>	<b>0</b>	<b>72</b>	<b>853</b>	<b>NA</b>
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24- HOUR RATE	OIL, BBLs	GAS, MCF	WATER- BBL	OIL GRAVITY- API	
<b>125</b>	<b>125</b>	<b>&gt;&gt;&gt;&gt;--&gt;</b>	<b>0</b>	<b>72</b>	<b>853</b>	<b>NA</b>	

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

**Put back on production 10/3/00, gas is being sold to Questar Pipeline**

Test Witnessed By

**Tom Erwin**

35. LIST OF ATTACHMENTS

**Perforation record**

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

SIGNED

**T. Reed Scott**

TITLE

**Consulting Petroleum Engineer**

DATE

**Jan. 4, 2001**

\*See Instructions and Spaces for Additional Data on Reverse Side

Perforation record: 9/26/00

Holes/SPF	Perforations	Size
4	4380' - 4382'	0.50"
4	4463' - 4470'	0.50"
4	4516' - 4521'	0.50"
4	4524' - 4528'	0.50"
4	4531' - 4535'	0.50"
4	4576' - 4578'	0.50"
4	4608' - 4615'	0.50"
4	4665' - 4669'	0.50"
4	4680' - 4690'	0.50"
4	4694' - 4697'	0.50"
4	4714' - 4719'	0.50"
4	4760' - 4762'	0.50"
4	4768' - 4770'	0.50"

Re-entry date 9/26/00

Drilled out cement plug & CIBP

Cleaned out to 4810'

Perforate w 4/SPF, 4" csg guns, 120 degree phasing

Acidize perforations w/ 2565 gal, 15% HCL

Put on production 10/3/00

PG&E Resources Company (Previous Operator)

Perforation Record : 1992

Holes	Perforations	Size
2	4380' - 4382'	0.45"
2	4463' - 4465'	0.45"
3	4467' - 4470'	0.45"
5	4516' - 4521'	0.45"
2	4576' - 4578'	0.45"
7	4608' - 4615'	0.45"
2	4666' - 4668'	0.45"
10	4680' - 4690'	0.45"
3	4760' - 4762'	0.45"
3	4768' - 4770'	0.45"
7	4792' - 4798'	0.45"
5	4814' - 4818'	0.45"

RECEIVED  
OCT 1 2000  
DIVISION OF  
OIL, GAS AND MINING

4380' - 4690' 54,474 gals. Saturn 4-35 HEC + 26,520# 100 mesh Ottawa  
sd + 50,380# 20/40 Ottawa sd.

4760' - 4818' 1500 gals 15% HCL + 27 balls.  
3,822 gals. Saturn 4-35 + 9,185# 100 Mesh sd.  
55,744 gals. Saturn 4-35 + 24,000# 100 mesh sd + 23,436#  
20/40 sd.



**ENERGY**

A FAMILY OF SOLUTIONS

**J.M. Huber Corporation**

1050 17<sup>th</sup> St., Ste. 1850  
Denver, CO 80265

phone: (303) 825-7900  
fax: (303) 825-8300  
e-mail: [dv\\_cpjaw@huber.co](mailto:dv_cpjaw@huber.co)  
[www.huber.com](http://www.huber.com)

January 4, 2001

U.S. Department of the Interior  
Price Field Office – Don Stevens  
Bureau of Land Management  
125 South 600 West  
Price, UT 84501

RE: 3160-4 Completion Report – Huber Federal 7-9  
SWNE Sec. 9-T12S-R10E  
Enclosed in duplicate

Dear Don,

Enclosed you will find the 3160-4 Completion Report in duplicate for the above mentioned well.

If you have any other questions or concerns please do not hesitate to call me at 303-825-7900.

Respectfully yours,

Judith A. Walter  
Regulatory Compliance – Contract Agent

Cc: BLM – Eric Jones, 82 East Dogwood, Moab, Utah 84532 (Faxed also)  
UDOGM-Carol Daniels, 1594 West North Temple, Suite 1210, Salt Lake City, UT 84114-1210  
Permits West – Brian Wood, 37 Verano Loop, Santa Fe, NM 87505  
J.M. Huber Field Office – Larry Sessions, 441 South Carbon Ave. #4, Price, UT 84501  
Correspondence  
Well File

RECEIVED  
JAN 10 2001  
BUREAU OF LAND MANAGEMENT  
CLERK'S OFFICE

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Federal - UTU-65948</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: <b>UTU-78951</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Huber Federal 7-9</b>
2. NAME OF OPERATOR: <b>J.M. Huber Corporation</b>		9. API NUMBER: <b>4300730137</b>
3. ADDRESS OF OPERATOR: <b>1050 17th St, Suite 700</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80265</b>	PHONE NUMBER: <b>(303) 825-7900</b>	10. FIELD AND POOL, OR WILDCAT: <b>Castlegate</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2109' FNL 2083' FEL</b>		COUNTY: <b>Carbon</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWNE 9 12S 10E 6</b>		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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 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 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.

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

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

Phone #303-825-7900

To:

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

Phone #303-298-8100

For Evergreen Operating Corporation:

Name: Scott Zimmerman

Signature: Scott Zimmerman

Title: VP Operations & Engineering

For J.M. Huber Corp	
NAME (PLEASE PRINT) <u>Robert F. Unger</u>	TITLE <u>Senior Vice President</u>
SIGNATURE <u>Robert F. Unger</u>	DATE <u>1/20/04</u>

(This space for State use only)

RECEIVED  
FEB 05 2004  
DIV. OF OIL, GAS & MINING



6. (R649-9-2)Waste Management Plan has been received on: In Place

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

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

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

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

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: 2/5/2004

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/5/2004

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

5. Injection Projects to new operator in RBDMS on: n/a

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

1. State well(s) covered by Bond Number: RLB0006732

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

1. Federal well(s) covered by Bond Number: RLB0006705

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

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

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

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0006706

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

**X Merger**

The operator of the well(s) listed below has changed, effective:

**9/28/2004**

<b>FROM:</b> (Old Operator): N2545-Evergreen Operating Corp. 1401 17th St, Suite 1200 Denver, CO 80202 Phone: 1-(303) 298-8100	<b>TO:</b> ( New Operator): 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
HUBER-FEDERAL 7-9	09	120S	100E	4300730137	12991	Federal	GW	P
CROOKED CYN 13-17-14-23	17	140S	230E	4304730619	8055	Federal	GW	P
TRAPP SPRINGS 1-25-14-23	25	140S	230E	4304730975	8081	Federal	GW	P
TRAPP SPRINGS 16-25-14-23	25	140S	230E	4304731041	8081	Federal	GW	P
TRAPP SPRINGS 3-26-14-23	26	140S	230E	4304731003	8081	Federal	GW	S
TRAPP SPRINGS 6-35-14-23	35	140S	230E	4304730791	8081	Federal	GW	P
WOLF UNIT 3-11-15-21	11	150S	210E	4304730622	8065	Federal	GW	S
FEDERAL 6-14-15-21	14	150S	210E	4304731027	8072	Federal	GW	S
FEDERAL 7-15-15-21	15	150S	210E	4304731071	8073	Federal	GW	S
MAIN CYN 6-3-15-23	03	150S	230E	4304731072	8245	Federal	GW	S
MAIN CYN 4-4-15-23	04	150S	230E	4304731043	11602	Federal	GW	P
MAIN CYN 8-7-15-23	07	150S	230E	4304730977	11601	Federal	GW	P
MAIN CYN 15-8-15-23	08	150S	230E	4304730674	11598	Federal	GW	P
MAIN CYN 2-8-15-23	08	150S	230E	4304730735	11599	Federal	GW	P
MAIN CYN 11-10-15-23	10	150S	230E	4304730639	11605	Federal	GW	P
MAIN CYN 7-17-15-23	17	150S	230E	4304730736	11600	Federal	GW	P
BLACK HORSE 14-15-15-24	15	150S	240E	4304731045	8070	Federal	GW	S
ANDERSON FED 2	12	160S	240E	4301930136	583	Federal	GW	P
FEDERAL 24-1	24	160S	240E	4301930955	588	Federal	GW	S
FEDERAL 1-34	34	160S	240E	4301931077	9280	Federal	GW	P
FEDERAL 2-34	34	160S	240E	4301931078	9285	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:
- 6a. (R649-9-2)Waste Management Plan has been received on:
- 6b. 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

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:
PHONE NUMBER: (972) 444-9001		8. WELL NAME and NUMBER: See Attached List
4. LOCATION OF WELL		9. API NUMBER:
FOOTAGES AT SURFACE:		10. FIELD AND POOL, OR WILDCAT:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY:
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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"/> 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.

- 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: *[Signature]* Date: *10/18/04*

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

SIGNATURE *[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

RECORDED  
OCT 21 2004  
DIVISION OF OIL, GAS AND 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	SENE
43-007-30159-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 9-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESE
43-007-30162-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 5-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SWNW
43-007-30163-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 16-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	SESE
43-007-30164-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 11-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESW
				Spudded (Drilling commenced: Not yet completed)									
43-007-30166-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 11-11	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	NESW
43-007-30169-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 14-12	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	12	12	S	10	E	SESW
43-007-30589-00-00	EVERGREEN OPERATING CORP	HUBER-STATE 1-16	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWNE
43-007-30596-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NWSW
43-007-30640-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 3-14	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	SENE
43-007-30659-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 2-11	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SESE
43-007-30662-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 4-14	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	SENE
<del>43-007-30669-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>HUBER-STATE 4-11</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>CASTLEGATE</del>	<del>CARBON</del>	<del>12S-10E</del>	<del>11</del>	<del>12</del>	<del>S</del>	<del>10</del>	<del>E</del>	<del>SENE</del>
43-007-30673-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 1-11	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SWS
43-007-30674-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 1-12	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	12	12	S	10	E	NWSW
				Spudded (Drilling commenced: Not yet completed)									
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>43-007-30700-00-00</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>SENE</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
				Spudded (Drilling commenced: Not yet completed)									
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-JF 2-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENW
43-007-30768-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-8	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NESE
43-007-30769-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENE
43-007-30783-00-00	EVERGREEN OPERATING CORP	HUBER-ST 2-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWSE
43-007-30784-00-00	EVERGREEN OPERATING CORP	HUBER-ST 3-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SESW
43-007-30785-00-00	EVERGREEN OPERATING CORP	HUBER-ST 4-16	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SENE
43-007-30787-00-00	EVERGREEN OPERATING CORP	H-M FED 2-14	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NESE
43-007-30810-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-5	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	5	12	S	10	E	NESW
43-007-30858-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NESE
43-007-30859-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-18	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	18	12	S	10	E	NENE
43-007-30860-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-8	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NWSW

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

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twpn	Twpd	RngN	RngD	Qtr/Qtr
43-007-30947-00-00	EVERGREEN OPERATING CORP	HUBER-FRANSEN/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	SWSE
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	SWS
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>43-047-30404-00-00</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-42E</del>	<del>24</del>	<del>34</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-42E</del>	<del>4</del>	<del>34</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	Shut-In	BLACK HORSE CYN	UINTAH	15S-24E	29	15	S	24	E	SESE
43-047-30284-00-00	EVERGREEN OPERATING CORP	PINE SPRING U 1	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	15	14	S	22	E	NESW
43-047-30325-00-00	EVERGREEN OPERATING CORP	RAT HOLE CYN 1	Gas Well	Shut-In	RAT HOLE CANYON	UINTAH	14S-25E	8	14	S	25	E	NWSE
43-047-30331-00-00	EVERGREEN OPERATING CORP	DRY BURN U 1	Gas Well	Shut-In	DRY BURN	UINTAH	13S-25E	29	13	S	25	E	NWSE
43-047-30332-00-00	EVERGREEN OPERATING CORP	1-L-23	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	23	14	S	24	E	SWNE
43-047-30460-00-00	EVERGREEN OPERATING CORP	SWEETWATER CYN 1	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	14	14	S	24	E	SWNW
43-047-30582-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 4-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	SWSW
43-047-30619-00-00	EVERGREEN OPERATING CORP	CROOKED CYN 13-17-14-23	Gas Well	Producing	CROOKED CANYON	UINTAH	14S-23E	17	14	S	23	E	NWNW
43-047-30622-00-00	EVERGREEN OPERATING CORP	WOLF UNIT 3-11-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	11	15	S	21	E	SESW
43-047-30639-00-00	EVERGREEN OPERATING CORP	MAIN CYN 11-10-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	10	15	S	23	E	SENW
43-047-30674-00-00	EVERGREEN OPERATING CORP	MAIN CYN 15-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	NWNE
43-047-30735-00-00	EVERGREEN OPERATING CORP	MAIN CYN 2-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	SWSE
43-047-30736-00-00	EVERGREEN OPERATING CORP	MAIN CYN 7-17-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	17	15	S	23	E	NWSE
43-047-30746-00-00	EVERGREEN OPERATING CORP	STATE 11-2-15-22	Gas Well	Plugged and Abandoned	MAIN CANYON	UINTAH	15S-22E	2	15	S	22	E	SENW
43-047-30791-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 6-35-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	35	14	S	23	E	NESW
43-047-30944-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 8-36-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	36	14	S	23	E	NESW
43-047-30975-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 1-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	SESE
43-047-30977-00-00	EVERGREEN OPERATING CORP	MAIN CYN 8-7-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	7	15	S	23	E	NESE
43-047-31003-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 3-26-14-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	14S-23E	26	14	S	23	E	SESW
43-047-31027-00-00	EVERGREEN OPERATING CORP	FEDERAL 6-14-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	14	15	S	21	E	NESW
43-047-31040-00-00	EVERGREEN OPERATING CORP	SWEETWATER 6-13-14-24	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	13	14	S	24	E	NESW
43-047-31041-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 16-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	NENE
43-047-31042-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 7-21-14-22	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	21	14	S	22	E	NWSE
43-047-31043-00-00	EVERGREEN OPERATING CORP	MAIN CYN 4-4-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	4	15	S	23	E	SWSW
43-047-31045-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 14-15-15-24	Gas Well	Shut-In	SOUTH CANYON	UINTAH	15S-24E	15	15	S	24	E	NENW
43-047-31063-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 8-20-14-22	Gas Well	Producing	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 3-23-14S-22E</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>PINE SPRINGS</del>	<del>UINTAH</del>	<del>14S-22E</del>	<del>23</del>	<del>14</del>	<del>S</del>	<del>22</del>	<del>E</del>	<del>SENE</del>
43-047-34675-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 3-23-14S-22E	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SESW
43-047-34676-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 12-23-14S-22E	Gas Well	Temporarily-Abandoned	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SWNW
43-047-34941-00-00	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	NESW
43-047-35556-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 4-22-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	22	14	S	22	E	SWSW
43-047-35566-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 15-21-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	21	14	S	22	E	NWNE

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>See attached list</b>
2. NAME OF OPERATOR: <b>Pioneer Natural Resources</b>		9. API NUMBER: <b>43-007-30137</b>
3. ADDRESS OF OPERATOR: 1401 17th St., Suite 1200 CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</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"/> 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 type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input checked="" type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

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

(This space for State use only)

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

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

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

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

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU-65948</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Huber-Federal 7-9-12-10</b>
2. NAME OF OPERATOR: <b>Pioneer Natural Resources</b>		9. API NUMBER: <b>4300730137</b>
3. ADDRESS OF OPERATOR: 1401 17th St., Suite 1200 CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 675-2719</b>	10. FIELD AND POOL, OR WILDCAT: <b>Castlegate</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2019' FNL &amp; 2038' FEL</b>		COUNTY: <b>Carbon</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWNE 9 12S 10E</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> 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 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 checked="" 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.

Please be advised that the Huber Federal 7-9-12S-10E well is shut in. This well was originally shut in on January 29, 2006 due to plans Pioneer has to test this well. There have been no changes or activity since last report. Casing pressure remains at 620 psi. There are no visible leaks.

Pioneer plans to keep this well shut in until the end of March. In March Pioneer will be testing this well. After the tests have been performed, Pioneer will notify you of any further action.

*4-14-06*  
*CHD*

NAME (PLEASE PRINT) <u>Kallasandra M. Boulay</u>	TITLE <u>Engineering Analyst</u>
SIGNATURE	DATE <u>2/27/2006</u>

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

**MAR 13 2006**

(5/2000) (See Instructions on Reverse Side)

*3/14/06*  
*AKK*

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU-65948</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>Huber-Federal 7-9-12-10</b>	
2. NAME OF OPERATOR: <b>Pioneer Natural Resources USA, Inc., Attn: Kally Boulay</b>	9. API NUMBER: <b>4300730137</b>	
3. ADDRESS OF OPERATOR: 1401 17th Street, # 1200 CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 675-2719</b>	10. FIELD AND POOL, OR WILDCAT: <b>Castlegate</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2019 FNL 2038 FEL</b>		COUNTY: <b>Carbon</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWNE 9 12S 10E</b>		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>8/30/2006</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 type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well status &amp; Well workover</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Please be advised that the Huber-Federal 7-9-12S-10E well is shut-in. This well was originally shut-in on January 29, 2006. Pioneer has since determined that this well has the ability to produce with the replacement of rods, a small acid job and cleaning of fill. Pioneer is in the process of moving a rig into the Castlegate area and has plans to begin the workover for this well about Aubut 30, 2006. With the completion of this work over Pioneer believes that this well will be capable of producing again.

Pioneer will file the appropriate reports upon the completion of the workover and the start/resume of production for this well.

*10/3/04  
RM*

NAME (PLEASE PRINT) <u>Kallasandra M. Moran</u>	TITLE <u>Engineering Analyst</u>
SIGNATURE	DATE <u>8/23/2006</u>

(This space for State use only)

Accepted by \_\_\_\_\_  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Date: 9/18/06 (See Instructions on Reverse Side)

By:

RECEIVED  
**AUG 25 2006**  
DIV OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU-65948</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>Huber-Federal 7-9-12-10</b>	
2. NAME OF OPERATOR: <b>Pioneer Natural Resources USA, Inc., Attn: Kally Boulay</b>		9. API NUMBER: <b>4300730137</b>
3. ADDRESS OF OPERATOR: <b>1401 17th Street, # 1200</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 675-2719</b>	10. FIELD AND POOL, OR WILDCAT: <b>Castlegate</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>209 FNL 2038 FEL</b>		COUNTY: <b>Carbon</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWNE 9 12S 10E</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: <b>9/5/2006</b>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u><b>Daily Operations Report</b></u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Please be advised that Pioneer Natural Resources has completed the following work on the Huber Federal 7-9-12-10.

Primary Job: Pump Change  
Secondary Job: Replace Rods  
Start Date: 8/29/2006  
End Date: 9/5/2006

8/29/2009 - MIRU

- Blow down, ND wellhead and NU BOP's, RU floor and equip. Change over from rod equip to tbgequip. Spot in pump, tank and tbg float. PU and tally bit, 5-1/2" scrapper, x-over and 75 jts 2-7/8" tbg.

8/30/2006 - Finish tally and PU 73 jts 2-7/8" tbg. Tag at 4808, POOH laying down 14 jts and standing back remaining 134 jts. Lay down bit and scrapper. PU 5-1/2" packer, RIH w/ 134 jts 2-7/8" tbg, set packer at 4360, loaded csg w/ 20 bbls water, tested packer to 500 psi. Packer held.

NAME (PLEASE PRINT) <u><b>Kallasandra M. Moran</b></u>	TITLE <u><b>Engineering Analyst</b></u>
SIGNATURE	DATE <u><b>10/17/2006</b></u>

(This space for State use only)

**RECEIVED**  
**OCT 20 2006**

- 8/31/2006 - Wait for Halliburton, clean and service rig while waiting. RU Haliburton acid pumper, pump acid job, RD Haliburton. RU swab equip, tagged fluid at 3000', made 14 swab runs, dropped fluid level to 3300'. Recovered aprox 65 bbls. RD swab equip, release packer and POOH, laying down w/ 134 jts 2-7/8" tbg, SN packer.
- 9/1/2006 - Wait for Nelco truck to swap tbg floats. RIH, tally and PU NC, 1 jt 2-7/8" tbg, 4' perf sub, 2-3/8" x 2-7/8" X-over, 2-3/8" SN, 2-3/8" x 2-7/8" X-over, 12 jts 2-7/8" coated tbg, 2-7/8" x 5-1/2" TAC, 90 jts 2-7/8" coated tbg.
- 9/5/2006 - Blowdown well, finish PU and tally 60 jts 2-7/8" plastic coated tbg. RD floor and equip. ND BOP's, set TAC, land tbg @ 4775'. NE wellhead, change over from tbg equip to rod equip. PU and test pump, 6 7/8" rods, 122 3/4" rods, 60 7/8" rods, 1 8' x 7/8" pony, 2 6' x 7/8" ponys. Spaced out pump, RU pumping unit. Wait on parts for horse's head, load tbg w/ 15 bbls water. Started pumping unit, trouble w/ carb on Ajax.

*Kum*

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU-65948</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>Huber-Federal 7-9-12-10</b>	
2. NAME OF OPERATOR: <b>Pioneer Natural Resources USA, Inc., Attn: Kally Boulay</b>		9. API NUMBER: <b>4300730137</b>
3. ADDRESS OF OPERATOR: 1401 17th Street, # 1200      CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 675-2719</b>	10. FIELD AND POOL, OR WILDCAT: <b>Castlegate</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>209 FNL 2038 FEL</b>		COUNTY: <b>Carbon</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWNE 9 12S 10E</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>9/5/2006</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____

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

Please be advised that the Huber Federal 7-9-12-10 well is producing. Production Resumed on 9/5/2006.

NAME (PLEASE PRINT) <u><b>Kallasandra M. Moran</b></u>	TITLE <u><b>Engineering Analyst</b></u>
SIGNATURE	DATE <u><b>10/17/2006</b></u>

(This space for State use only)

**RECEIVED**  
**OCT 20 2006**  
DIV. OF OIL, GAS & MINING

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

Operator: Pioneer Natural Resources Account: N5155 Today's Date: 09/16/2008

Problems:

- Late Report(s)
- Inaccurate Report(s)
- Incomplete Report(s)
- Other: No Subsequent Report

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

**To avoid compliance action, these reporting problems should be resolved within 7 days.**

Send reports to:

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Fax to:

(801) 359-3940 *43 007 30137*  
*Castlegate Fed 7-9-12-10*  
*12S 10E 9*

Type of Report	Month(s) of Problem Report		
<input type="checkbox"/> Production – Form 10 <input type="checkbox"/> Disposition – Form 11 <input type="checkbox"/> Gas Plant – Form 13 <input type="checkbox"/> Enhanced Recovery – UIC Form 2 <input type="checkbox"/> Injection – UIC Form 3 <input type="checkbox"/> Other _____			
Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
<input type="checkbox"/> Spud Notice – Form 9 <input type="checkbox"/> Drilling Reports – Form 9 <input type="checkbox"/> Well Completion Report – Form 8 <input checked="" type="checkbox"/> Other <u>Subsequent Sundry</u>	<input checked="" type="checkbox"/> List Attached		

Description of Problem:

Operator has submitted sundry of intents on the following wells that have been approved by DOGM. Per Rule 649-3-23, a subsequent report shall be submitted on Form 9, Sundry Notice, within 30 days after completion. The report should show workover results, well status, work completion date, new perforation depths, etc.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File  
RAM  
Well File  
CHD





**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*

(5/2000)

**Division of Oil, Gas and Mining**  
**Earlene Russell, Engineering Technician**

(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

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

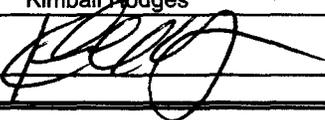
Operator Number N2855

By:   
Bruce L. Taylor, Vice President

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

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

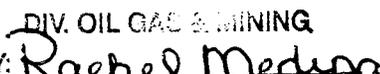
Be advised that Liberty Pioneer Energy Source, Inc. is responsible under the terms and conditions of the related leases for the operations conducted upon the leased lands. Bond coverage is covered by Bond No. RLB0012097.

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;

---

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

2 messages

---

**Dayne Doucet** <daynedoucet@utah.gov>

Wed, Aug 17, 2016 at 11:46 AM

To: Rachel Medina &lt;rachelmedina@utah.gov&gt;, Randy Thackeray &lt;randythackeray@utah.gov&gt;

FYI

----- Forwarded message -----

From: **Daniel Gunnell** <dgunnell@rockiesstandard.com>

Date: Wed, Aug 17, 2016 at 9:40 AM

Subject: Re: LPES plans for the Castlegate field wells/Bonding

To: Dustin Doucet &lt;dustindoucet@utah.gov&gt;

Cc: Brad Gunnell &lt;bgunnell@rockiesstandard.com&gt;, Cory Jensen &lt;cjensen@rockiesstandard.com&gt;, Kimball Hodges &lt;khodges@rockiesstandard.com&gt;, Dayne Doucet &lt;daynedoucet@utah.gov&gt;, Joshua Payne &lt;joshuapayne@utah.gov&gt;

Dustin:

Thanks for your help with this! Please find Bond Proposal Letter attached.

If there is anything else you need please let me know. The Blue Tip guys are anxious to get their bond released.

Let me know if I need to send a hard copy of the letter.

Best,

Danny

On Mon, Aug 8, 2016 at 9:24 AM, Dustin Doucet &lt;dustindoucet@utah.gov&gt; wrote:

Danny,

Yes if you would just edit your previous plan and resubmit so there is no confusion. I think that would make it cleaner. If you decide to put a well online and have it online by the plugging deadline, then that should be fine.

Dustin

On Tue, Aug 2, 2016 at 4:31 PM, Daniel Gunnell &lt;dgunnell@rockiesstandard.com&gt; wrote:

Dustin:

Sorry for not getting back to you on this until now. There maybe a couple of wells that we may come back to you specifically on, but I think that we have now got a pretty good go forward plan that will meet and exceed your end of the year time frame for getting the wells in categories 2 and 3 in production.

There is one material change to my previous email that we want to make you aware of - instead of plugging the 11C-34 we are seriously considering running a pipeline to it and bringing online... not a final decision yet, but we are have got and are getting additional bids, and designing a test plan to better understand what production would look like.

Do I need to submit a formal letter with dates of Nov 1 for plugging and end of year to get wells on production under our existing bonds or are these emails sufficient?

Thanks for your help!

Best,

Danny

What time do you think you need? I would think by the end of the year max. If you can line out more justification, I'm open to listening to the reasoning.

Dustin

On Thu, Jun 30, 2016 at 12:21 PM, Daniel Gunnell <dgunnell@rockiesstandard.com> wrote:  
Dustin:

Sounds good. Thanks for your help.

Can we push back just a little to get as much time as possible for shut in wells that we need to come up with a plan for or plug (#2 in my original email?) - how much beyond Oct 2016 could you give us? We are going to be really busy so as much extra time as you can give really helps... we are reclaiming those evaporation ponds immediately, taking over operations, retrofitting the plant, plugging the identified wells, and ramping up production by reworking multiple shut-in wells that are we have already reviewed.

Let me know and thanks again.

Best,

Danny

On Thu, Jun 30, 2016 at 10:30 AM, Dustin Doucet <dustindoucet@utah.gov> wrote:  
Danny,

I would be o.k. with the timing and plan on part 1. The timing on part 2 does not work. Those have been SI/TA anywhere from 2.5 to 5 years. Did you mean October 2016? Our discussions were if you had a plan to produce or plug within a short period (meaning a few months), then we could forego increased bonding but increased bonding would be necessary if that wasn't accomplished. Part 3 would be similar to part 2 on the wells that have been SI/TA. The producing ones would probably be fine as you have 1 year allowed by rule (see below).

Production data through Jan 2016

13070	SHIMMIN TRUST 2-11-12-10 <u>SI since Sep 2014</u>
13275	JENSEN 2-8-12-10 <u>SI since Nov 2015</u>
13071	SHIMMIN TRUST 4-14-12-10 <u>SI since Dec 2015</u>
13068	JENSEN 1-4-12-10 <u>Produced 1 day in Jan 2016</u>
18242	JENSEN 2C-9-12-10 <u>Producing</u>
12991	CASTLEGATE FED 7-9-12-10 <u>Producing</u>
11405	JENSEN 11-10-12-10 <u>Producing</u>
12610	CASTLEGATE ST 1-16-12-10 <u>Producing</u>
12611	JENSEN 1-10-12-10 <u>Producing</u>
12903	JENSEN 1-9-12-10 <u>Producing</u>
12904	JENSEN 16-9-12-10 <u>Producing</u>
12905	JENSEN 5-10-12-10 <u>Producing</u>
12906	JENSEN 9-10-12-10 <u>Producing</u>
13072	JENSEN 1-15-12-10 <u>Produced 1 day in Jan 2016</u>
13247	JENSEN DEEP 7-15-12-10 <u>Produced 1 day in Jan 2016</u>

13359 JENSEN 1-8-12-10 Producing  
15766 JENSEN 42C-9-12-10 Producing  
15767 CASTLEGATE FED 22C-9-12-10 Producing  
15768 JENSEN 43C-9-12-10 Producing  
15769 JENSEN 33C-9-12-10 Producing  
15770 JENSEN 23C-9-12-10 SI since Nov 2015  
17235 JENSEN 14C-10-12-10 Producing  
17246 JENSEN 41C-9-12-10 Producing  
18209 JENSEN 6-10-12-10 Producing

On Fri, Jun 24, 2016 at 11:28 AM, Daniel Gunnell <dgunnell@rockiesstandard.com> wrote:

Dustin:

Per our recent conversation, I wanted to informally run our plans/bonding proposal for the Castle Gate Field by you for your comment prior to submitting a final proposal. Here is what we are considering:

Blue Tip Energy Management, LLC ("Blue Tip"), is the current operator and bondholder, of the Castle Gate Field and associated wells listed below ("Wells"). LPES should take over as the new operator effective July 1 2016. In anticipation of the transfer of operations and per our recent phone conversation we would like to make the following proposal pertaining to the LPES bonding of the wells listed below so that all of the wells in the field will be covered by LPES blanket bond #RLB0012097.

1) LPES will P&A the following wells prior to November 1, 2016:

17071 JENSEN STATE 11C-34-11-9  
14224 CASTLEGATE ST 11-16H-12-10

2) LPES will evaluate and propose a go forward plan after evaluation on the following shut-in wells prior to October 1 2017:

13318 CASTLEGATE ST 4-16-12-10  
14226 JENSEN 1-18-12-10  
11410 SHIMMIN TRUST 11-11-12-10  
12901 SHIMMIN TRUST 1-11-12-10  
14175 SHIMMIN TRUST 5-14-12-10

13070 SHIMMIN TRUST 2-11-12-10

13275 JENSEN 2-8-12-10

13071 SHIMMIN TRUST 4-14-12-10

13068 JENSEN 1-4-12-10

18242 JENSEN 2C-9-12-10

12991 CASTLEGATE FED 7-9-12-10

11405 JENSEN 11-10-12-10

12610 CASTLEGATE ST 1-16-12-10

12611 JENSEN 1-10-12-10

12903 JENSEN 1-9-12-10

12904 JENSEN 16-9-12-10

12905 JENSEN 5-10-12-10

12906 JENSEN 9-10-12-10

13072 JENSEN 1-15-12-10

13247 JENSEN DEEP 7-15-12-10

13317 JENSEN 2-9-12-10

13359 JENSEN 1-8-12-10

15766 JENSEN 42C-9-12-10

15767 CASTLEGATE FED 22C-9-12-10

15768 JENSEN 43C-9-12-10

15769 JENSEN 33C-9-12-10

15770 JENSEN 23C-9-12-10

17235 JENSEN 14C-10-12-10

17246 JENSEN 41C-9-12-10

18209 JENSEN 6-10-12-10

If this proposal is acceptable please let me know and I will submit a formal letter for approval. Thanks for your help.

Best,

Danny

—

Daniel R. Gunnell  
1411 East 840 North  
Orem, UT 84097  
(801) 224-4771

Confidentiality Notice—This electronic transmission and any attached documents or other writings are intended only for the person or entity to which it is addressed and may contain information that is privileged, confidential or otherwise protected from disclosure. Any disclosure, copying, distribution or the taking of any action concerning the contents of this communication or any attachments by anyone other than the named recipient is strictly prohibited. If you have received this communication in error, please consider the communication and any attachments as confidential and immediately notify sender by return e-mail and destroy the communication and any and all attachments.

—

Dustin K. Doucet  
Petroleum Engineer  
Division of Oil, Gas and Mining  
1594 West North Temple, Ste 1210  
Salt Lake City, Utah 84116  
801.538.5281 (ofc)  
801.359.3940 (fax)

web: [www.ogm.utah.gov](http://www.ogm.utah.gov)

—

Daniel R. Gunnell  
1411 East 840 North  
Orem, UT 84097  
(801) 224-4771

Confidentiality Notice—This electronic transmission and any attached documents or other writings are intended only for the person or entity to which it is addressed and may contain information that is privileged, confidential or otherwise protected from disclosure. Any disclosure, copying, distribution or the taking of any action concerning the contents of this communication or any attachments by anyone other than the named recipient is strictly prohibited. If you have received this communication in error, please consider the communication and any attachments as confidential and immediately notify sender by return e-mail and destroy the communication and any and all attachments.

—

Dustin K. Doucet  
Petroleum Engineer  
Division of Oil, Gas and Mining  
1594 West North Temple, Ste 1210  
Salt Lake City, Utah 84116  
801.538.5281 (ofc)  
801.359.3940 (fax)

web: [www.ogm.utah.gov](http://www.ogm.utah.gov)

--  
Daniel R. Gunnell  
1411 East 840 North  
Orem, UT 84097  
(801) 224-4771

Confidentiality Notice—This electronic transmission and any attached documents or other writings are intended only for the person or entity to which it is addressed and may contain information that is privileged, confidential or otherwise protected from disclosure. Any disclosure, copying, distribution or the taking of any action concerning the contents of this communication or any attachments by anyone other than the named recipient is strictly prohibited. If you have received this communication in error, please consider the communication and any attachments as confidential and immediately notify sender by return e-mail and destroy the communication and any and all attachments.

--  
Dustin K. Doucet  
Petroleum Engineer  
Division of Oil, Gas and Mining  
1594 West North Temple, Ste 1210  
Salt Lake City, Utah 84116  
801.538.5281 (ofc)  
801.359.3940 (fax)

web: [www.ogm.utah.gov](http://www.ogm.utah.gov)

--  
Daniel R. Gunnell  
1411 East 840 North  
Orem, UT 84097  
(801) 224-4771

Confidentiality Notice—This electronic transmission and any attached documents or other writings are intended only for the person or entity to which it is addressed and may contain information that is privileged, confidential or otherwise protected from disclosure. Any disclosure, copying, distribution or the taking of any action concerning the contents of this communication or any attachments by anyone other than the named recipient is strictly prohibited. If you have received this communication in error, please consider the communication and any attachments as confidential and immediately notify sender by return e-mail and destroy the communication and any and all attachments.

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

---

 **Statewide Bond Proposal.pdf**  
421K

---

**Dustin Doucet** <[dustindoucet@utah.gov](mailto:dustindoucet@utah.gov)>

Wed, Aug 17, 2016 at 2:01 PM

To: Daniel Gunnell <[dgunnell@rockiesstandard.com](mailto:dgunnell@rockiesstandard.com)>, Rachel Medina <[rachelmedina@utah.gov](mailto:rachelmedina@utah.gov)>

Cc: Brad Gunnell <[bgunnell@rockiesstandard.com](mailto:bgunnell@rockiesstandard.com)>, Cory Jensen <[cjensen@rockiesstandard.com](mailto:cjensen@rockiesstandard.com)>, Kimball Hodges <[khodges@rockiesstandard.com](mailto:khodges@rockiesstandard.com)>, Dayne Doucet <[daynedoucet@utah.gov](mailto:daynedoucet@utah.gov)>, Joshua Payne <[joshuapayne@utah.gov](mailto:joshuapayne@utah.gov)>

Danny,

I think that looks fine. If the deadlines aren't met we will be looking for full cost bonding in addition to getting the wells back into compliance. I have copied Rachel Medina on this email so she can proceed with the operator change with this plan and conditions. thanks.