



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  
1210-1504 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

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

5. LEASE DESIGNATION AND SERIAL NO.  
UTU-65949

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Not Applicable

7. UNIT AGREEMENT NAME  
Not Applicable

8. FARM OR LEASE NAME  
1210-1504

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat 001

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 15, T12S, R10E

12. COUNTY OR PARISH  
Carbon

13. STATE  
Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
August 15, 1991

**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  
 660' FNL, 450' FWL (NW¼NW¼) Section 15, 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 drlg. unit line, if any)      450'

16. NO. OF ACRES IN LEASE      2560

17. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      4665.92'

18. PROPOSED DEPTH SPSS      4900'

19. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7470' GR

22. APPROX. DATE WORK WILL START\*  
August 15, 1991

**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#	0-4900'	440 sx Cement

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

JUN 03 1991

DIVISION OF  
OIL GAS & MINING

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

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 1210-1504 #1, Federal Lease # UTU-65949. 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

PERMIT NO. 43-007-30138 APPROVAL DATE: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: 7-10-91

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ BY: JM Matthews

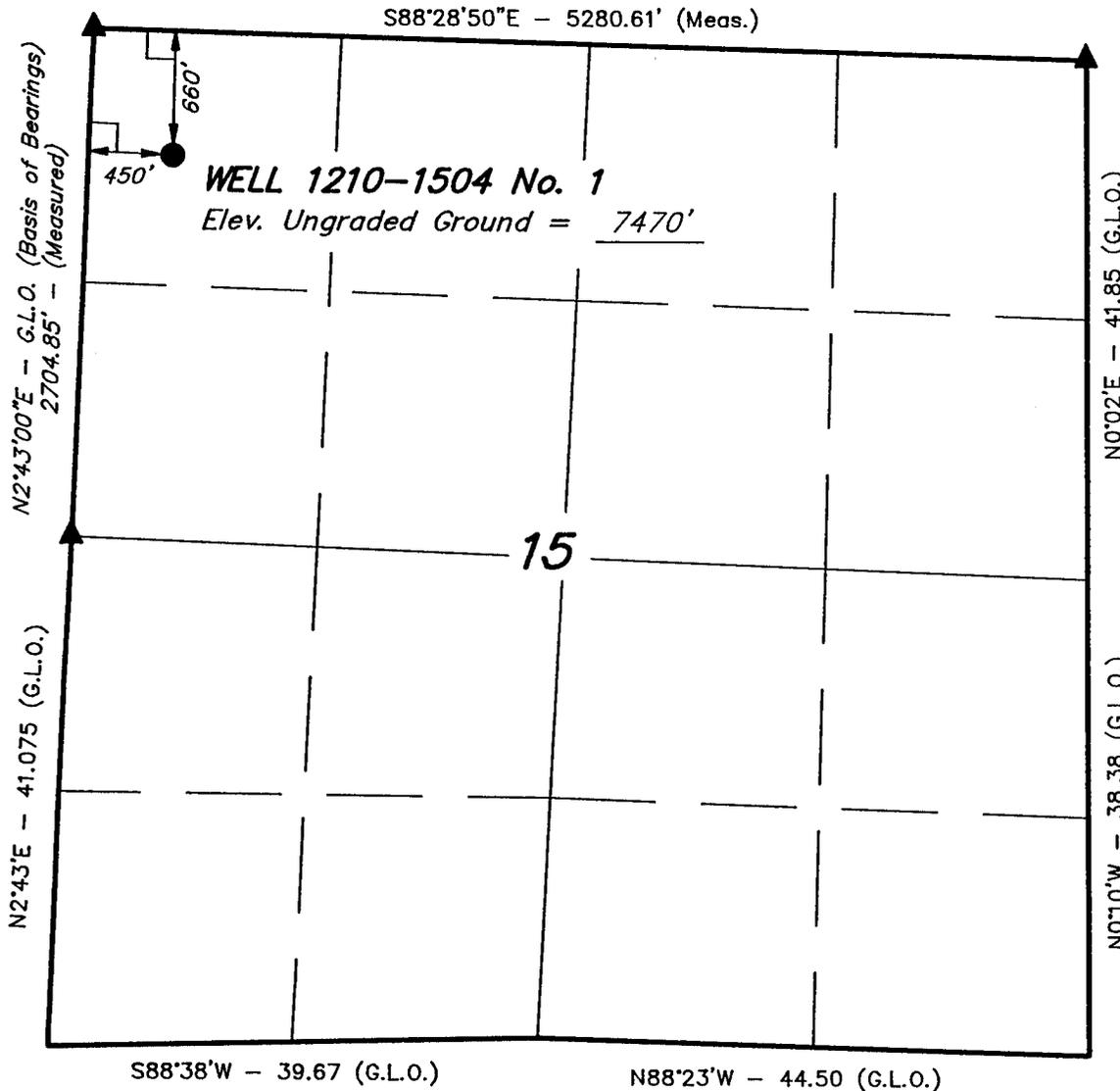
WELL SPACING: 6/5-3-2

**\*See Instructions On Reverse Side**

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

**COCKRELL OIL CORP.**

Well location, WELL 1210-1504, No. 1 located as shown in the NW 1/4 NW 1/4 of Section 15, 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 L.D.T. G.T. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE COCKRELL OIL CORP.

▲ = SECTION CORNERS LOCATED. (Brass Caps)

COCKRELL OIL CORPORATION  
Lease #UTU-65949, 1210-1504 #1  
NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 15, T12S, R10E  
Carbon County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Flagstaff	Surface	Blackhawk	3650'
North Horn	100'	Starpoint	4350'
Price River	2850'	Total Depth	4900'
Castlegate	3350'		

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

Blackhawk	3659'	Gas (Primary Objective)
Starpoint	4350'	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	0-4900'

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, 140 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
400-4900'	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 : 4900' - 400'  
Spectral Density/Dual Spaced Neutron : 4900' - 400'  
High Resolution Spectral Density : 4900' - 400'  
Microlog : 4900' - 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 2,127 psi (calculated at 0.434 psi/foot) and maximum anticipated surface pressure equals approximately 1,049 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 : August 15, 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.

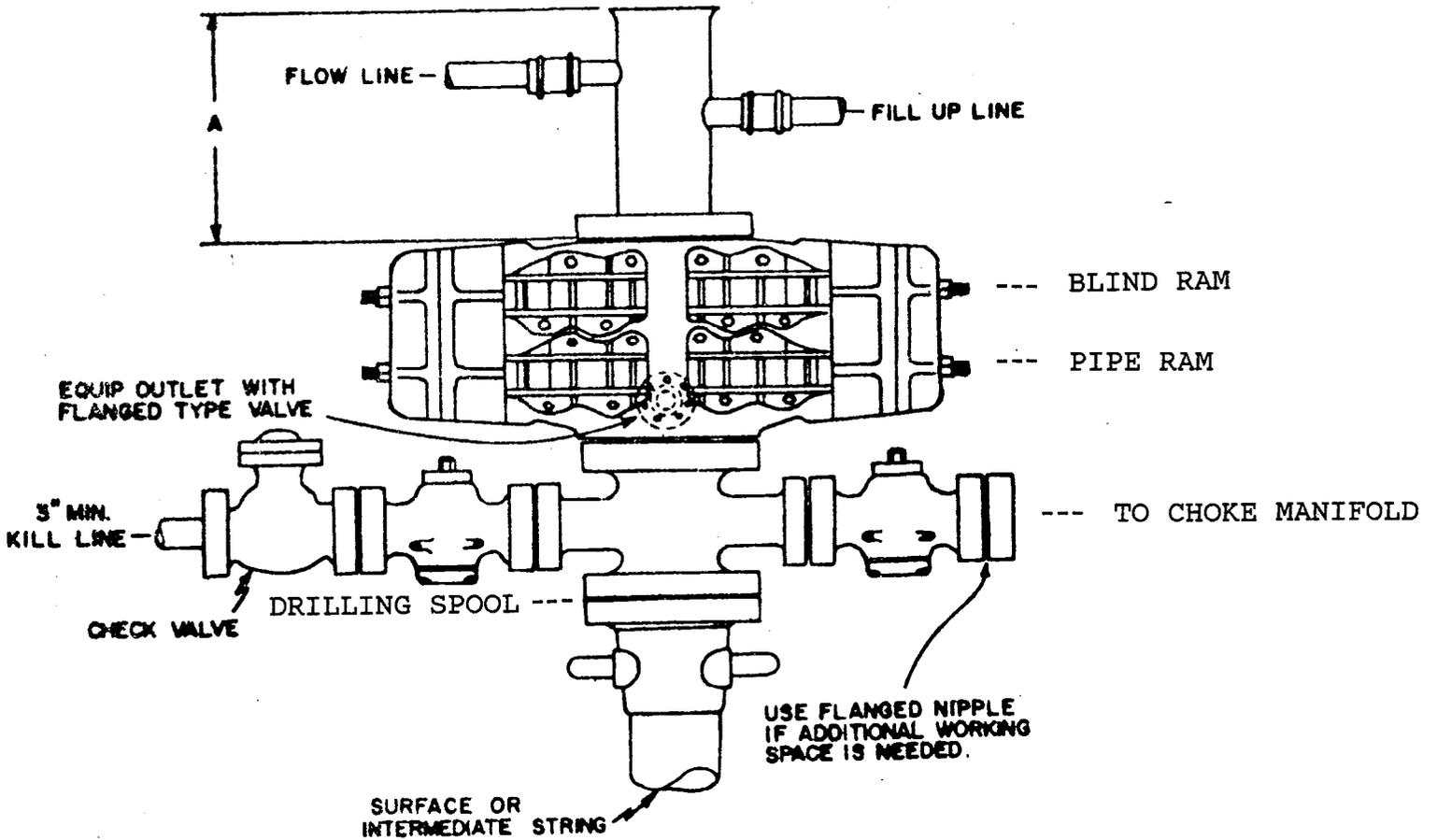
Approval to vent/flare gas during initial well evaluation will be obtained from the Moab District Office. This preliminary approval will not exceed thirty (30) days or fifty (50) MCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to the guidelines 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-65949, 1210-1504 #1  
NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 15, 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.

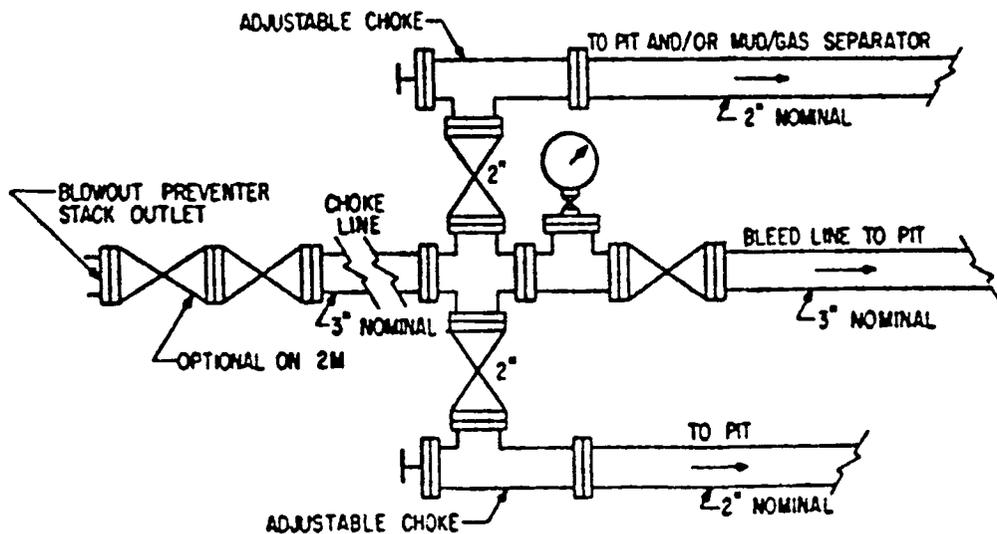


FIG. 3.A.1  
TYPICAL CHOKE MANIFOLD ASSEMBLY

COCKRELL OIL CORPORATION  
Lease #UTU-65949, 1210-1504 #1  
NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 15, 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 northwest approximately 0.3 miles on an existing Carbon County road (a paved highway), thence generally southwest approximately 0.7 miles on an existing two-track trail, thence generally south approximately 0.4 miles to the proposed 1210-1504 #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 0.7 miles of existing two-track trail will require upgrading and approximately 0.4 miles of new road construction will be required for access to the proposed 1210-1504 #1 well location.

- A. Width - sixteen (16) foot road running surface, flat-bladed for both drilling and completion operations.
- B. Maximum grade - 10%.
- C. Turnouts - turnouts will be constructed on/along the proposed access road route as necessary or required by the Authorized Officer, Bureau of Land Management, in order to provide for the safe passage of traffic.
- D. Drainage design - if commercial production is established at the 1210-1504 #1 well location, the access road will be upgraded and maintained as necessary to prevent soil erosion and accommodate year-round traffic.

The access road will be crowned and ditched with water turnouts installed as necessary to provide for proper drainage along the access road route.

2. Planned Access Roads: Continued

- D. Drainage design - road construction will be performed in accordance with roading guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition.
- E. Culverts, cuts and fills - no culverts will be required for drilling and completion operations.

If commercial production is established at the 1210-1504 #1 well location, water relief culverts (18-inch minimum diameter) will be installed along the access road route as necessary or required to allow for the free flow of water and provide for proper drainage of the access road running surface. These culverts will be installed in accordance with guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition.

Cuts and/or fills of approximately three (3) feet are anticipated on/along the proposed access road route.

- F. Gates, cattleguards or fence cuts - one (1) cattleguard will be required in a NW/SE trending fenceline along the county road right-of-way: NW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 10, Township 12 South, Range 10 East.
- G. Surfacing material - none required for drilling and completion operations. If commercial production is established at the 1210-1504 #1 well location, surfacing materials for the access road will be purchased from a local contractor having a permitted source of materials in the area, if necessary or required by the private surface owner.
- H. 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'. 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 installation.
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.

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

- C. Please refer to Item #9E (page #7) 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 private surface owner.

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 1210-1504 #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 #2G (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.

6. Source of Construction Materials: Continued

- 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. 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.

7. Methods of Handling Waste Materials: Continued

F. 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. 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.

10. Plans for Reclamation of the Surface: Continued

- A. 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 private surface owner. 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. 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 Section 10, T12S, R10E is located on private surface estate owned by The TN Company.

11. Surface Ownership:

These surface lands are administered 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 located in Section 15, T12S, R10E and including the proposed well location are situated on private surface estate owned by:

Melvin, Vern and Mary C. Frandsen  
506 South 100 West  
American Fork, Utah 84003  
Phone: (801) 756-4655

I hereby certify that Cockrell Oil Corporation will enter into "good faith" negotiations with both The TN Company and Melvin Frandsen in an attempt to reach an equitable agreement with said parties 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 either party, 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.

12. Other Information:

A. General Description of the Project Area: Continued

The well location is situated in the uplands directly 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.

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 1210-1504 #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 0.3 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.

12. Other Information:

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

3. 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.

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

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

Representative - Continued

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.

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

Existing 2 Track Road  
(Needs Upgraded) 0.7 Mi. ±

Proposed Access Road  
To Service 2 Other  
Locations. 0.3 Mi. ±

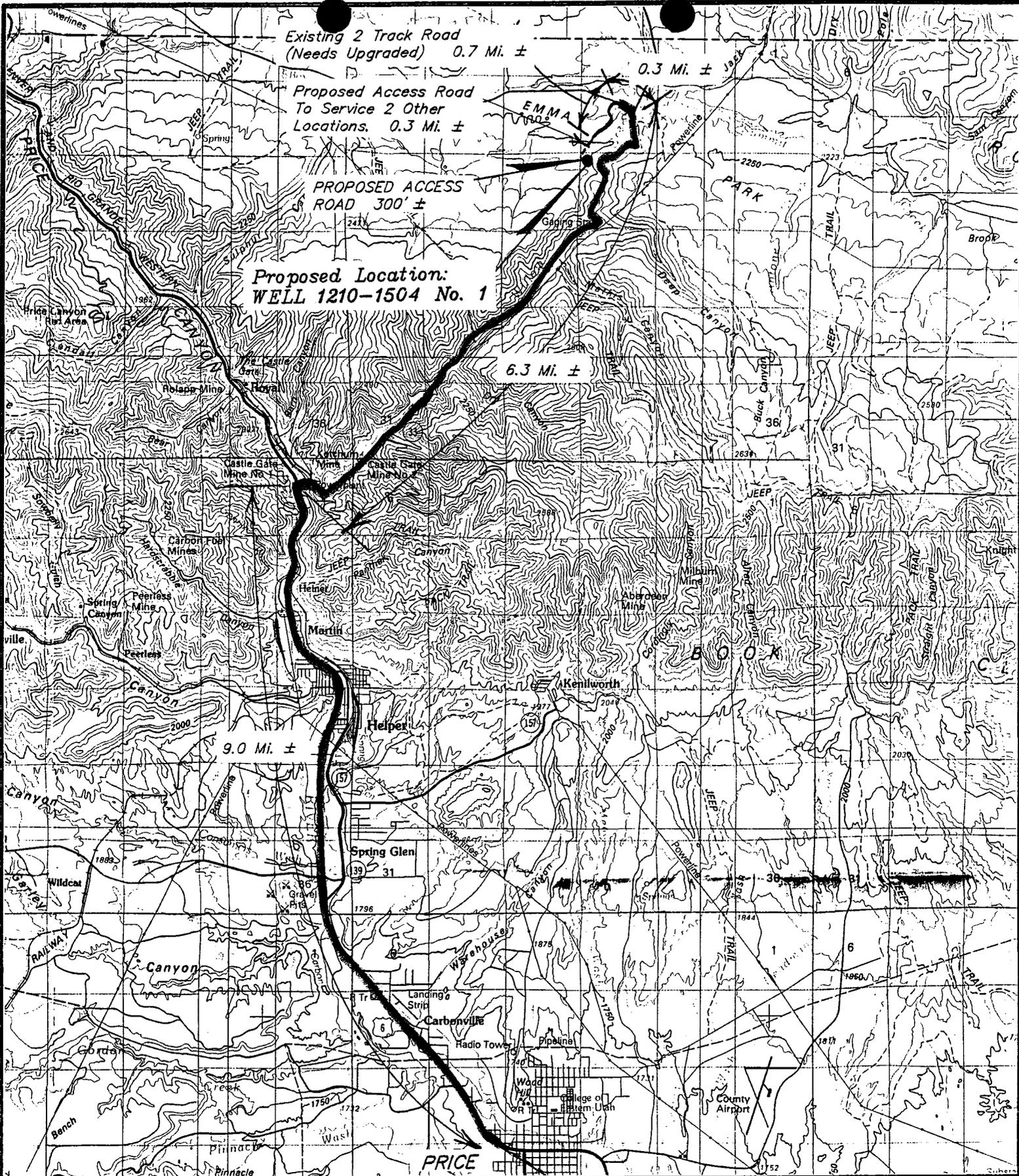
0.3 Mi. ±

PROPOSED ACCESS  
ROAD 300' ±

Proposed Location:  
WELL 1210-1504 No. 1

6.3 Mi. ±

9.0 Mi. ±

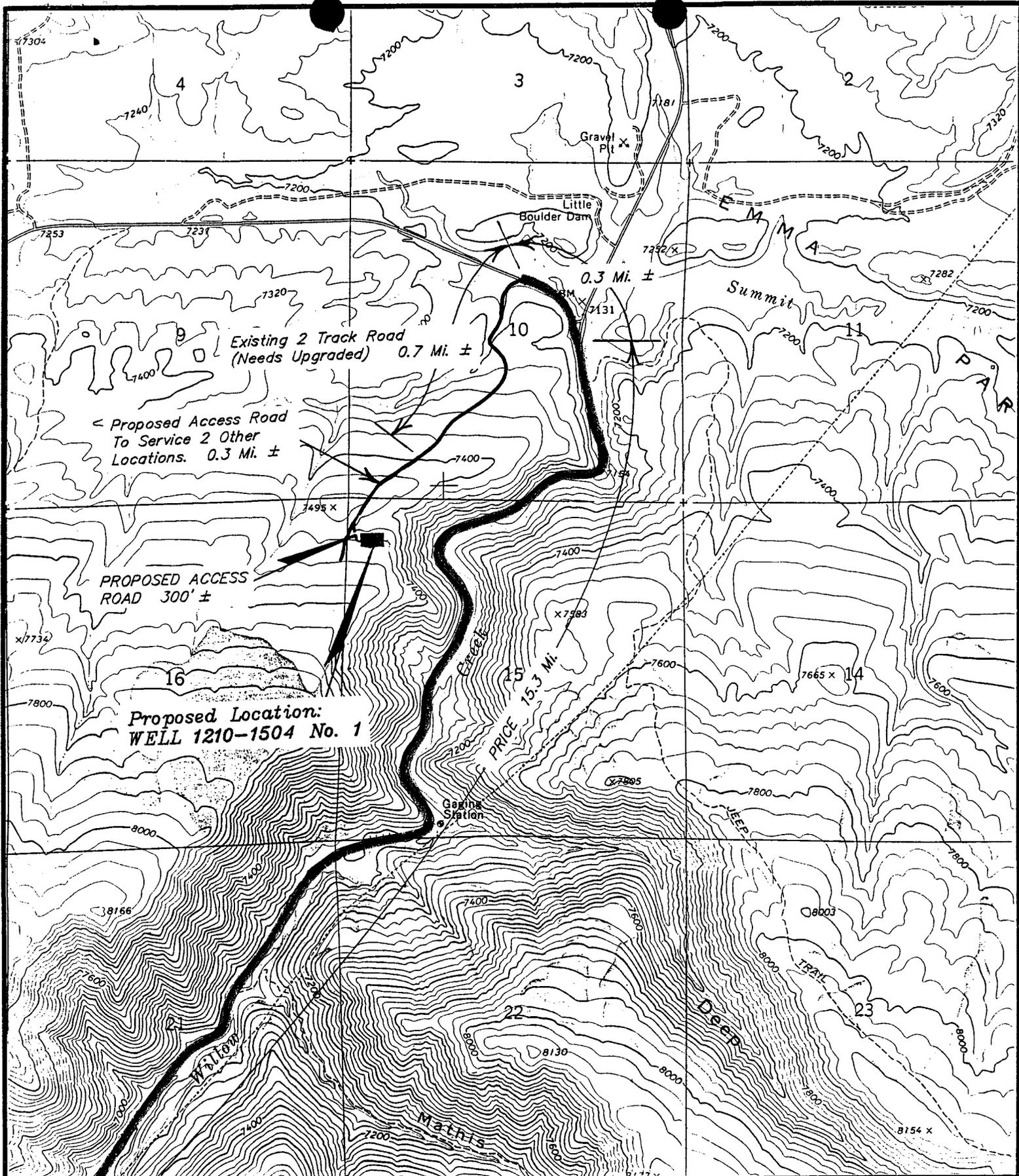


TOPOGRAPHIC  
MAP "A"  
DATE: 3-20-91



COCKRELL OIL CORP.

WELL 1210-1504 No. 1  
SECTION 15, T12S, R10E, S.L.B.&M.



Existing 2 Track Road  
(Needs Upgraded) 0.7 Mi. ±

Proposed Access Road  
To Service 2 Other  
Locations. 0.3 Mi. ±

PROPOSED ACCESS  
ROAD 300' ±

Proposed Location:  
WELL 1210-1504 No. 1

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



COCKRELL OIL CORP.  
WELL 1210-1504 No. 1  
SECTION 15, T12S, R10E, S.L.B.&M.



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:  
August 15, 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 1210-1504 #1 well (wildcat) on federal lease U-65949, 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)  
NW/4, NW/4, Section 15, 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:  
Frank R. Matthews  
PHONE: 538-5340
13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL  
  
DATE: 6-10-91 Petroleum Engineer



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WILDLIFE RESOURCES

Norman H. Bangertter  
Governor  
Dee C. Hansen  
Executive Director  
Timothy H. Provan  
Division Director

Southeastern Region  
455 West Railroad Avenue  
Price, Utah 84501-2829  
801-637-3310

June 21, 1991

Mr. Robert M. Anderson  
Heitzman drill - site services  
P.O. Box 3579  
Casper, Wyoming 82602

Dear Bob:

I appreciate your letter of May 20 requesting information on your EA for the Castlegate coal bed methane project. After the on-site inspection I do have the following concerns. In general these concerns are mostly related to a full field development.

All locations are located in elk critical/high priority winter range. Elk calving areas are in close proximity as well. This area can be considered mule deer yearlong habitat. Winter and fawning periods are most critical. Sage grouse also inhabit this area. In general the strutting grounds occur on the north side of the Park Road. Areas within a two mile radius of a lek are used for nest/brood habitat from March 15 to June 30. The birds use slopes south of the Park Road during most of the year. I hope to have a map for you shortly.

We recommend that the following guidelines be utilized in planning to protect wildlife use areas from man's disturbance during crucial periods. In all instances, impacts to terrestrial or aquatic ecosystems should be avoided, minimized and/or mitigated.

All water sources in the area are critical value to wildlife. Instream flows necessary to sustain wildlife drinking needs and wetland (mesic meadow, marshland, riparian and riverine and lacustrine body) ecosystems associated with perennial or intermittent drainage ways must be maintained.

The natural dispersion of seeps and springs needs be maintained. Actions resulting in a 50% or more reduction of available daily flow to wildlife should be disallowed. All losses of water need be mitigated and guzzlers represent such an option. Water developments should be constructed such that their surface is at ground level in order to facilitate access for all classes of wildlife. Every trough should incorporate a wildlife escape ramp. Human disturbance within a one-mile radius of perennial water sources or developments should not be permitted between June 1 and

September 30. Outdoor recreation (especially camping), industrial development and mineral exploration have been historic problems.

Activities resulting in depletion of flows to the Colorado River Basin could necessitate a remittance to the U.S. Fish and Wildlife Service for recovery management of endangered fish.

Surface disturbance activities resulting in significant or long term damage to terrestrial habitats or use areas must be reclaimed. Avoidance or minimization of impacts should result whenever practicable. Short term projects -- those that can be revegetated in the first growing season -- exceeding 10 acres disturbance are viewed as being significant and should mandate a mitigation requirement. Lesser sized short term projects would usually only require revegetation and impact avoidance measures. Surface disturbance impacts from any sized project that last beyond the first revegetation period are viewed as being long term and require mitigation. "On site"/"In-kind"/"One-for-one" mitigation is preferred, although "Off-site" and "Out-of-kind" mitigation can be negotiated.

Reclamation projects should occur as soon as practicable following project completion and must be designed to enhance a local area's wildlife habitat. The basic life requirements for animals (food, water, cover and space) should be considered. Revegetation prescriptions must address terrain and soil characteristics, along with adaptability of planted species to the site. Seed purity, viability and planting methodology/timing, as well as local precipitation need be considered. It may be advantageous to protect the planted area from livestock use. At a minimum, a planting should consist of six species each of grasses, forbs and shrubs. The enclosed revegetation prescription is recommended for disturbed sites associated with the project.

Big game species of wildlife require special management consideration in order to protect them from man's facilities. Construction of barriers (fences, pipelines, conveyor systems and canals) that inhibit big game migration must not be allowed. Fence specifications should meet existing criteria for height and design to livestock and local area's big game population. (Methodologies for passage of animals beyond barriers are discussed by Dalton, L.B. 1986. Big Game Passage of Large Diameter Overland Conveyance Systems, in: "Issues and Technology in the Management of Impacted Western Wildlife," proceedings of the February 4-6, 1985 National Symposium. Thorne Ecological Institute, Boulder Colorado.). Fall migration occurs between October 1 and November 30. Spring migration for big game occurs between March 1 and April 30.

Crucial wintering and parturition periods for the area's big game are as follows:

<u>Species</u>	<u>Winter Range</u>	<u>Parturition</u>
Elk	12-1 to 4-15	5-15 to 7-5
Mule Deer	12-1 to 4-15	5-15 to 7-5

When considering the full field development the following guidelines should be considered for raptor species. As a group their nesting season extends from January 1 through August 31. A crucial period is when a nest territory is occupied. Planning dates specific to nesting activity for individual species are as follows (note, bald eagle does not nest and is a winter resident):

Species	Nesting Period	Species	Nesting Period
Turkey vulture	5-15 to 8-15	Barn Owl	4-20 to 7-20
Goshawk	4-15 to 7-20	Screech owl	3-15 to 6-15
Sharp shinned hawk	6-20 to 8-15	Flamulated owl	5-15 to 7-31
Cooper's hawk	5-1 to 8-15	Great horned owl	2-1 to 5-15
Red-tailed hawk	4-10 to 6-30	Pygmy owl	5-15 to 7-31
Swainson's hawk	4-20 to 6-25	Burrowing owl	4-1 to 7-15
Ferruginous hawk	4-10 to 6-15	Spotted owl	3-5 to 6-15
Golden eagle	2-1 to 7-15	Long-eared owl	3-15 to 6-15
Bald eagle (winter use)	11-1 to 3-31	Short-eared owl	4-10 to 6-15
Marsh hawk	5-1 to 6-31	Saw-whet owl	4-1 to 6-31
Osprey	4-15 to 7-15		
Prairie falcon	4-1 to 7-15		
Peregrine falcon	2-1 to 8-31		
Merlin	4-15 to 6-25		
American kestrel	5-1 to 6-30		

Most raptor nests, when active, need a 0.5 mile radius buffer zone protected from human disturbance. Peregrine falcon nests need a one (1) mile radius buffer zone. Also, roost trees and concentration areas for wintering bald eagles, along with one (1) mile radius buffer zone, need to be protected from disturbance between November 1 and March 31. Peregrine aeries need only be protected from human activity in excess of historic use. Recreational trails or roads should not be developed any closer than 200 yards from goshawk nests. If Cockrell plans to initiate or maintain their project during a period when raptor use of their nests is potential, the company would need to encompass a one-half mile buffer adjacent to surface disturbed areas.

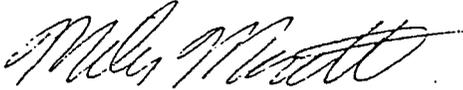
Mature trees with natural cavities and dead snags need to be protected for use by cavity nesting birds. Management activities should be planned so that three such trees/acre are left standing within 500 feet of forest openings or water. Two such trees/acre are needed in dense forested areas.

Road construction (enhancement of existing road or development of new roads) must be minimized. Once the project is complete, new roads need to be closed and reclaimed. Reclamation should be considered for segments of existing road, also.

Bob, the Division is not prepared to recommend specific mitigation at this time. When the degree of impacts is fully identified, we would like an opportunity to review and provide mitigation recommendations. Likely, water developments and road closure will be high on the mitigation list.

Thank you for an opportunity to provide comment.

Sincerely,



Miles Moretti  
Southeastern Regional Supervisor

cc: Ralph Miles, DWR  
Mark Bailey, BLM

Enclosure

Recommended guidelines for seedbed preparation and planting techniques in the MONTANE ecological association.

- A. Seedbed Preparation: (1) Disturbed areas should be double ripped. (2) Fertilizer (0-16-8) at a rate of 100 lb/acre should be disked into the topsoil mass prior to seeding. (3) Where possible, the grass segment of the seed mix should be drilled. The remainder of the seed mix should be hydrosprayed in a slurry containing tackifier (60 lb/acre) and wood fiber mulch (400 lb/acre). Seed mix applied by hydrospray technique should be increased by 1.5 times. This first application is not utilized, the seed mix should be drilled. (3b) If hydrosprayed slurry to incorporate more tackifier (60 lb/acre), more wood fiber mulch (2,000 lb/acre), and nitrogen fertilizer (33-0-0 distributed at a rate of 100 lb/acre). (3a) If a hydrospray technique is not utilized, the seed mix should be drilled. (3b) If broadcast, the seed mix should be doubled, spread, and covered through use of a harrow or chain. (4) After seed application (3a or 3b), nitrogen fertilizer (33-0-0 distributed at a rate of 100 lb/acre) should be broadcast and an acceptable mulch should be applied at a rate of 2,000 lb/acre to protect raw soil from erosion and to conserve moisture. Mulch should be held in place by tackifying, crimping, or netting. (5) Seeding should occur following a permanent killing frost which is usually after October 1.
- B. Nursery Stock or Transplants: Planting of nursery or transplant stock should occur in spring when soil moisture is greatest. Nursery stock should be planted after dormancy breaks; greatest success for transplant stock is achieved during dormancy. Shoots spaced 2, 3, 4, 6, 10, 12, 13, and 15 feet apart will achieve 10888, 4840, 2722, 1210, 436, 302, 258, and 193 plants per acre, respectively. A 60% canopy cover is the goal. All plantings need to have soil compacted around the roots.
- C. Cuttings of Woody Riparian Species (willow, cottonwood, etc.): Cut stems at a length of 12 to 18 inches from 1-3 year old local, wild stock (0.5 to 1.0 inch diameter) with a 30-45° angle on basal end. Lateral branches and leaves must be removed. Cuttings can be immediately transplanted or if cut in winter cold stored in snow filled bags until the ground thaws. The basal end can be dipped in indolebutyric acid prior to planting to aid in root formation. When planting, all but one inch of the stem should be extended into the moist soil to a depth of the water table. This will protect recreators from inadvertent injury. Dormant logs (1.5 to 6 inches diameter and up to 20 feet long) can also be used for many species as long as the water table is reached.
- D. Bare-root or Containerized Plants: Prior to planting, bare-root or containerized plants should be stored at 34-39° F for one week to "harden". Planting should be in an adequately sized hole to insure that roots are well distributed and extending full length into the hole. For bare-root and containerized stock, care needs to be taken that the root hairs are not allowed to dry. The outer edge of the root mass for containerized stock should be scarified to alleviate root binding.
- E. Plugs: Plugs of vegetation can be excavated with a shovel or front-end loader. They should be handled such that moist soil remains packed firmly around the roots. A similar sized hole needs to be excavated and the plug planted.
- F. Rhizomic Plants: Woody plants with interconnected root stock should be located and excavated intact. The tops of plants should be removed so that only one remains. Connecting roots should be aligned vertically and buried. In the instance of herbaceous plants, rhizomes can be harvested with a front-end loader, and distributed with a manure spreader. A one inch layer of top soil should be compacted over plantings.

Table 1. Revegetation prescription for disturbed areas within the ASPEN ecosystem in the MONTANE ecological association.<sup>1,7</sup>

Plant Material	Pounds of Pure Live Seed/Acre
<b>GRASS SPECIES<sup>2</sup>:</b>	
Mountain brome ( <u>Bromus carinatus</u> )	2.0
Smooth brome ( <u>Bromus inermis</u> )	1.0 (southern variety)
Paiute orchardgrass ( <u>Dactylis glomerata</u> )	0.5
Intermediate wheatgrass ( <u>Agropyron intermedium</u> )	1.0
Kentucky bluegrass ( <u>Poa pratensis</u> )	0.2
Meadow foxtail ( <u>Alopecurus pratensis</u> )	0.5
<b>FORB SPECIES<sup>3</sup>:</b>	
Alfalfa ( <u>Medicago sativa</u> )	1.0 (Ladak, Nomad, Spreader)
Porter licoriceroot ( <u>Ligusticum porteri</u> )	1.0
Rockymountain penstemon ( <u>Penstemon strictus</u> )	0.5
Silky lupine ( <u>Lupinus sericeus</u> )	1.0
Pacific aster ( <u>Aster chilensis</u> )	0.2
Sweet anice ( <u>Osmorhiza occidentalis</u> )	1.0
<b>SHRUB AND TREE SPECIES<sup>4</sup>:</b>	
Antelope bitterbrush ( <u>Purshia tridentata</u> )	0.5
Mountain snowberry ( <u>Symphoricarpos oreophilus</u> )	2.0
Mountain big sagebrush ( <u>Artemisia tridentata vaseyana</u> ) <sup>6</sup>	0.25 (20% purity)
Silver sagebrush ( <u>Artemisia cana viscidula</u> ) <sup>6</sup>	0.5 (20% purity)
Woods rose ( <u>Rosa woodsii</u> )	1.0
Red elderberry ( <u>Sambucus racemosa</u> )	1.0 (uncleaned)
TOTAL :	15.15
<b>NURSERY OR TRANSPLANT STOCK<sup>5</sup>:</b>	
Quaking aspen ( <u>Populus tremula</u> )	STEMS/ACRE (SPACING) 1,210 per acre (6 ft apart)
Bigtooth maple ( <u>Acer saccharum grandidentatum</u> )	436 per acre (10 ft. apart)
Mountain ash ( <u>Sorbus scopulina</u> )	436 per acre (10 ft. apart)

<sup>1</sup>Note attachment: Recommended guidelines for seedbed preparation and planting techniques in the MONTANE ecological association.

<sup>2</sup>Alternate grass species: Basin wildrye (Elymus cinereus), Bearded wheatgrass (Agropyron trachycaulum), Thurber fescue (Festuca thurberi), Foxtail barley (Hordeum jubatum)

<sup>3</sup>Alternate forb species: Gray aster (Aster glaucodes), Showy goldeneye (Heliomeris multiflora), Cicer milkvetch (Astragalus cicer), Lobeleaf groundsel (Senecio multilobatus), American vetch (Vicia americana), Mountain goldenrod (Solidago multiradiata - collected)

<sup>4</sup>Alternate shrub and tree species: Shrubby cinquefoil (Potentilla fruticosa), Saskatoon serviceberry (Amelanchier alnifolia), Wax currant (Ribes cereum), White rubber rabbitbrush (Chrysothamnus nauseosus hololeucus)<sup>6</sup>, Blue elderberry (Sambucus cerulea), Bigtooth maple (Acer saccharum grandidentatum)

<sup>5</sup>Alternate nursery or transplant stock: Willow (Salix spp.), Rocky mountain maple (Acer glabrum)

<sup>6</sup>This species should not be covered. It should be hydrosprayed in the seed mix slurry or broadcast over the surface after drilling or covering of other seed and before application of mulch.

<sup>7</sup>For regeneration of aspen stands it is recommended that remnant aspen clones be ripped with a chisel toothed tool to break up the rhizomatous structures. This should stimulate adventitious sprouting of aspen from the rhizomes.

Table 1. Revegetation prescription for disturbed areas within the RIPARIAN WETLAND ecosystem in the MONTANE ecological association.

Plant Material	Pounds of Pure Live Seed/Acre
<b>GRASS SPECIES<sup>2</sup>:</b>	
Reed canarygrass ( <i>Phalaris arundinacea</i> )	0.5
Timothy ( <i>Phleum pratense</i> )	0.5
Kentucky bluegrass ( <i>Poa pratensis</i> )	0.2
Regar brome ( <i>Bromus biebersteinii</i> )	1.0
Meadow fescue ( <i>Festuca pratensis</i> )	1.0
Basin wildrye ( <i>Elymus cinereus</i> )	1.0
Streambank wheatgrass ( <i>Agropyron dasystachyum riparium</i> )	1.0
<b>FORB SPECIES<sup>3</sup>:</b>	
Strawberry clover ( <i>Trifolium fragiferum</i> )	1.0
Richardson geranium ( <i>Geranium richardsonii</i> )	1.0
Pacific aster ( <i>Aster chilensis</i> )	0.2
Western yarrow ( <i>Achillea millefolium lanulosa</i> )	0.1
Silky lupine ( <i>Lupinus sericeus</i> )	1.0
Showy goldeneye ( <i>Helimeris multiflora</i> )	1.0
<b>SHRUB AND TREE SPECIES<sup>4</sup>:</b>	
Silver sagebrush ( <i>Artemisia cana</i> ) <sup>6</sup>	0.5
Blue elderberry ( <i>Sambucus caerulea</i> )	2.0 (uncleaned)
Red raspberry ( <i>Rubus idaeus</i> )	1.0
Woods rose ( <i>Rosa woodsii</i> )	1.0
<b>TOTAL</b>	<b>14.0</b>
<b>NURSERY OR TRANSPLANT STOCK<sup>5</sup>:</b>	
Willow ( <i>Salix</i> spp.)	STEMS/ACRE (spacing) 1,210 (6 ft. apart) placed at high water line
Narrowleaf cottonwood ( <i>Populus angustifolia</i> )	436 (10ft. apart) evenly distributed
Thinleaf alder ( <i>Alnus incana occidentalis</i> )	436 (10 ft. apart) evenly distributed
Beaked sedge ( <i>Carex rostrata</i> )	10,888 (2 ft. apart) plugs cut from local stock and planted in moist areas

<sup>1</sup>Note attachment: Recommended guidelines for seedbed preparation and planting techniques in the MONTANE ecological association.

<sup>2</sup>Alternate grass species: Sheep fescue (*Festuca ovina*), Rough-stalked bluegrass (*Poa trivialis*), Smooth brome (*Bromus inermis* - northern variety), Intermediate wheatgrass (*Agropyron intermedium*)

<sup>3</sup>Alternate forb species: Idaho licoriceroot (*Ligusticum tenuifolium*), Mountain bluebells (*Mertensia ciliata* - collected), Wasatch penstemon (*Penstemon cyananthus*), Strawberry clover (*Trifolium fragiferum*)

<sup>4</sup>Alternate shrub and tree species: Currant (*Ribes* spp.), Common chokecherry (*Prunus virginiana*), Raspberry (*Rubus* spp.), Red elderberry (*Sambucus racemosa*)

<sup>5</sup>Alternate nursery or transplant stock: Water birch (*Betula occidentalis*), Red-osier dogwood (*Cornus stolonifera*), Mountain sedge (*Carex scopulorum*)

<sup>6</sup>This species should not be covered. It should be hydrosprayed in the seed mix slurry or broadcast over the surface after drilling or covering of other seed and before application of mulch.

Table 1. Revegetation prescription for disturbed areas within the SAGEBRUSH/GRASS ecosystem in the MONTANE ecological association.

Plant Material	Pounds of Pure Live Seed/Acre
<b>GRASS SPECIES<sup>2</sup>:</b>	
Intermediate wheatgrass ( <u>Agropyron intermedium</u> )	1.0
Slender wheatgrass ( <u>Agropyron trachycaulum</u> )	2.0
Hard sheep fescue ( <u>Festuca ovina</u> )	0.5
Regar brome ( <u>Bromus biebersteinii</u> )	1.0
Kentucky bluegrass ( <u>Poa pratensis</u> )	0.2
Paiute orchardgrass ( <u>Dactylis glomerata</u> )	0.5
<b>FORB SPECIES<sup>3</sup>:</b>	
Alfalfa ( <u>Medicago sativa</u> )	1.0 (Ladak, Nomad, Spreader)
Northern sweetvetch ( <u>Hedysarum boreale</u> )	1.0
Common sainfoin ( <u>Onobrychis viciifolia</u> )	1.0
Pacific aster ( <u>Aster chilensis</u> )	0.2
Eaton penstemon ( <u>Penstemon eatonii</u> )	0.5
Rockymountain penstemon ( <u>Penstemon strictus</u> )	0.5
<b>SHRUB AND TREE SPECIES<sup>4</sup>:</b>	
Mountain big sagebrush ( <u>Artemisia tridentata vaseyana</u> ) <sup>6</sup>	0.25 (20% purity)
Basin big sagebrush ( <u>Artemisia tridentata tridentata</u> )	0.25
Mountain snowberry ( <u>Symphoricarpus oreophilus</u> )	1.0
Wax currant ( <u>Ribes cereum</u> )	1.0
<b>TOTAL</b>	<b>11.9</b>
<b>NURSERY OR TRANSPLANT STOCK<sup>5</sup>:</b>	
Shrubby cinquefoil ( <u>Potentilla fruticosa</u> )	STEMS/ACRE (SPACING)
Wax currant ( <u>Ribes cereum</u> )	Plant 544 of each species per acre
Mountain snowberry ( <u>Symphoricarpus oreophilus</u> )	randomly spaced 4 feet apart to reach a goal of 2,722 stems/acre.

<sup>1</sup>Note attachment: Recommended guidelines for seedbed preparation and planting techniques in the MONTANE ecological association.

<sup>2</sup>Alternate grass species: Bluebunch wheatgrass (Agropyron spicatum), Thickspike wheatgrass (Agropyron dasystachyum), Pubescent wheatgrass (Agropyron intermedium trichophorum), Smooth brome (Bromus inermis-southern variety)

<sup>3</sup>Alternate forb species: Oneflower sunflower (Helianthella uniflora), Palmer penstemon (Penstemon palmeri), Cicer milkvetch (Astragalus cicer), Silky lupine (Lupinus sericeus), Porter licoriceroot (Ligusticum porteri)

<sup>4</sup>Alternate shrub and tree species: Antelope bitterbrush (Purshia tridentata), Saskatoon serviceberry (Amelanchier alnifolia), Gooseberry currant (Ribes montigenum)

<sup>5</sup>Alternate nursery or transplant stock: Antelope bitterbrush (Purshia tridentata), Utah serviceberry (Amelanchier utahensis), Squaw-apple (Peraphyllum ramosissimum), Greenleaf manzanita (Arctostaphylos patula), Basin big sagebrush (Artemisia tridentata tridentata)

<sup>6</sup>This species should not be covered. It should be hydrosprayed in the seed mix slurry or broadcast over the surface after drilling or covering of other seed and before application of mulch.

OPERATOR Cockrell Oil Corp N-1035 DATE 6-26-91

WELL NAME 1010-1504 #1

SEC N15W 15 T N25 R 10E COUNTY Carbon

43-007-30138  
API NUMBER

Leasehold (1)  
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND

NEAREST WELL

LEASE

FIELD SLOM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other producing well within Dec 15.  
water permit

Exception location

RDCC 6-10-91

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 10-11-94

APPROVAL LETTER:

SPACING:  R615-2-3 N/A UNIT  R615-3-2

N/A CAUSE NO. & DATE  R615-3-3

STIPULATIONS:

- 1- water permit
2. Wild-life strips? DNR responded directly to Cockrell as per letter 6/25/91.



State of Utah  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF WILDLIFE RESOURCES

7/11/91  
 cc: Frank Matthews

Norman H. Bangarter  
 Governor  
 Dee C. Hansen  
 Executive Director  
 Timothy H. Provan  
 Division Director

Southeastern Region  
 455 West Railroad Avenue  
 Price, Utah 84501-2829  
 801-637-3310

RECEIVED

JUN 27 1991

DIVISION OF  
 OIL GAS & MINING

June 25, 1991

Dr. Dianne R. Nielson, Director  
 Utah Division of Oil, Gas and Mining  
 355 West North Temple  
 3 Triad Center, Suite 350  
 Salt Lake City, UT 84180-1203

Attn: Frank Matthews

Dear Dianne:

We have responded directly to Cockrell Oil Corporation's representatives on the well sites that were listed in the RDCC minutes June 25, 1991 (items 1 through 8). The enclosed letter is our response to a request for wildlife information.

If your personnel need additional information please have them contact

Ken Phippen, Habitat Manager  
 Southeast Regional Office  
 455 West Railroad Avenue  
 Price, Utah 84501  
 phone 637-3310

Sincerely,

Miles Moretti  
 Regional Supervisor

cc: Ralph Miles, DWR  
 Catherine Quinn, DWR  
 Carolyn Wright, Planning and Budget



COCKRELL OIL  
CORPORATION

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

July 2, 1991

RECEIVED

JUL 05 1991

DIVISION OF  
OIL GAS & MINING

State of Utah  
Department of Natural Resources  
Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1204

Re: Exception of the siting requirements  
of R615-3-2  
Cockrell Oil Corporation  
1210-1504 No. 1  
660' FNL, 450' FWL  
Sec. 15, T12S, R10E  
Carbon County, Utah

Gentlemen:

Cockrell Oil Corporation has made application to drill a coalbed methane test to the depth of 4,900 feet at the above location and requests an exception to rule R615-3-2. The location is 450 feet from the west line of Section 15, T12S, R10E. It would be very difficult to locate farther to the east because of the precipitous slope of Willow Creek Canyon. The surveyor informs me that he felt they placed the location as far to the east as they reasonably could.

The Cockrell Oil Corporation controls all of the oil and gas leases in both sections 15 and 16 as well as others, therefore no other operators need to be notified.

Yours very truly,

B. E. Weichman  
Special Projects Manager

BEW:ys



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

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

July 10, 1991

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

Gentlemen:

Re: 1210-1504 #1 Well, 660 feet from the North line, 450 feet from the West line, NW NW, Section 15, 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:

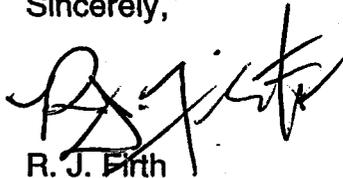
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During 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  
1210-1504 #1  
July 10, 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 43-007-30138.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
J. L. Thompson  
we14/1-12

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  
 660' FNL, 450' FWL (NW $\frac{1}{4}$ NW $\frac{1}{4}$ ) Section 15, 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 drlg. unit line, if any)  
 450'

16. NO. OF ACRES IN LEASE  
 2560

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.  
 4665.92'

19. PROPOSED DEPTH  
 4900'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7470' GR

22. APPROX. DATE WORK WILL START\*  
 August 15, 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#	0-4900'	440 sx Cement

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

SEP 13 1991

DIVISION OF OIL GAS & MINING

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

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 1210-1504 #1, Federal Lease # UTU-65949. 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. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY 1st A. Lynn Jackson TITLE Assistant District Manager for Minerals DATE May 14 1991  
 CONDITIONS OF APPROVAL, IF ANY:

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

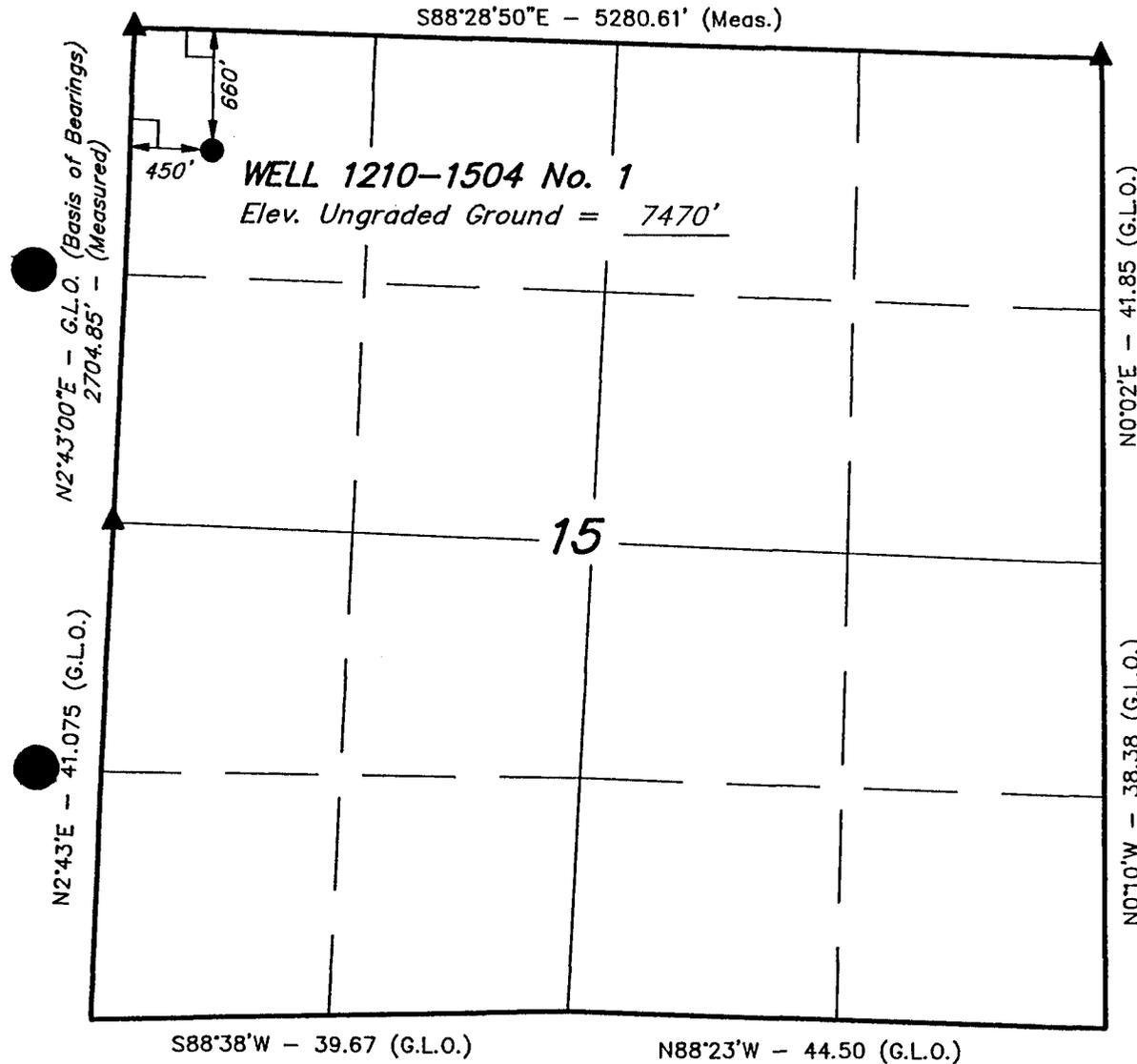
CONDITIONS OF APPROVAL ATTACHED

\*See Instructions On Reverse Side

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

**COCKRELL OIL CORP.**

Well location, WELL 1210-1504, No. 1 located as shown in the NW 1/4 NW 1/4 of Section 15, 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 L.D.T. G.T. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE COCKRELL OIL CORP.

▲ = SECTION CORNERS LOCATED. (Brass Caps)

Cockrell Oil Corp.  
Well No. 1210-1504 #1  
NWNW Sec. 15 , 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 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) shall be run on both casing strings on the first federal well drilled within this project. Depending on the results, CBLs 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 BOP 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.

## CONDITIONS OF APPROVAL

### Application for Permit to Drill

EA LOG No: UT-066-91-21  
Lease No. UTU-65949 & UTU-65948  
Project: Seven Well Exploration Program  
Location: Carbon County, Utah  
Applicant: Cockrell Oil Corporation  
Address: Houston, Texas  
BLM Office: Moab District  
Telephone: 801-259-6111

#### I. Access Conditions

1. Existing roads and trails will be upgraded only to allow for adequate drainage measures. Any damage caused to roads during the project will be repaired.
2. Prior to construction of the new access road, an on-site analysis will be conducted to flag the exact route and establish design criteria. The route will be located as identified under proposed action in the EA.
3. Design criteria will be established to meet requirements of BLM's class III road system. Any road will have a maximum travel surface of 18 feet. Total disturbed width will be limited to 25 feet. (Copy of class three road standards is attached.)
4. The Price River Resource Area Manager will be notified at least 48 hours prior to any surface disturbing activities associated with access road and drill pad construction.
5. Dust control on all portions of the route will be required during project construction and during well drilling and may be necessary later if the project reaches economic production.
6. During inclement weather when activity could result in deep rutting of the roads (6 inches or more), or excessive disturbance of the right-of-way, a stop work order may be verbally issued by the Area Manager with a follow-up written order. An authorization to resume work will be required.
7. Flow measurements are to be taken at the head of each produced water discharge line and at each junction and/or discharge point, whether for surface or underground discharge. These will be recorded every 72 hours or more often when necessary, and this data summarized and reported monthly to BLM-PRRA. Any incidence of flow data discrepancy is to be reported to the State Division of Environmental Health and the Price River Resource Area within 48 hours, and resolved within 12 hours of discovery.

8. Summarized results of all analyses of produced water will be sent to the Price River Resource Area, preferably on a monthly basis initially. This is to include baseline data already gathered.

9. Plans will be formulated for long term monitoring of aquifers and springs in the area of proposed development to assess any cumulative impacts that may trigger the need for an Environmental Impact Statement.

10. There will be no deviation from the proposed drilling and/or workover program without prior approval from the Assistant District Manager for Minerals. Safe drilling and operating practice must be utilized at all times. All wells, whether drilling, producing, suspended, or abandoned and/or separate facilities, will be identified in accordance with 43CFR 3162.6.

11. "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 43CFR 3162.6.

12. The dirt contractor will be provided with an approved copy of the surface use plan.

13. 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 before approval may be granted for any future operations.

Note: From here each APD should have the well specific wildlife conditions of approval attached.

Also the attached "Resource Roads Survey and Design" should be given to the applicant or deleted from the conditions of approval #3.

NWNW Sec. 15, T. 12 S., R. 10 E.  
Well No. 1210-1504  
Cockrell Oil Corporation  
Lease Status: Federal (U-65949)  
Surface Ownership: Private

Proposed Development: Well Pad, .3 mi. new access road, .7 mi. two track road upgrading, 300 ft. 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

Sage grouse nesting/brood rearing habitat

MFP Requirements:

No surface disturbance from 11-1 to 5-15

No surface disturbance from 3-15 to 7-31

No occupancy on strutting grounds

Wildlife Conditions of Approval

1. In order to protect sage grouse nesting/brood rearing, wintering mule deer and elk; exploration, drilling and other development 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 perennial 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 BJM, 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 of BOP's and surface casing.

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) 259-2214

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

Lynn Jackson,      Office Phone:      (801) 259-6111

Chief, Branch of Fluid Minerals

Home Phone:      (801) 259-7990

24 HOURS ADVANCE NOTICE IS REQUIRED FOR ALL ABANDONMENTS

RECEIVED

RECEIVED

Rec. by SS

Fee Rec. 30.00

Receipt # 31932

NOV 13 1991

OCT 28 1991

OCT 21 1991

# FILING FOR WATER IN THE STATE OF UTAH

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: \_\_\_\_\_ cfs and/or 3.0 ac-ft.

4. SOURCE: Existing Underground 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

Appropriate

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 <u>Oct. 5, 1991</u>	to <u>May 31, 1992</u>

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.  
UTU-65949

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

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

8. Well Name and No.  
1210-1504 Well #1

9. API Well No.  
43-007-30138

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Carbon County, Utah

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  
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)  
660' FNL, 450' FWL (NW 1/4 NW 1/4) Sec 15, 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 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 APD Extension
	<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

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

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

DATE: 6-24-92

BY: [Signature]

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.



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

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

RECEIVED

JUN 22 1992

DIVISION OF  
OIL GAS & MINING

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) 43-007-30147
- 2) 1210-0806: S. 2400 ft. & E. 1769 ft. from NW Cor. Sec. 8 (SE4NW4) 43-007-30147
- 3) 1210-0708: S. 2000 ft. & W. 600 ft. from NE Cor. Sec. 7 (SE4NE4) 43-007-30137
- 4) 1210-0907: S. 2000 ft. & W. 2050 ft. from NE Cor. Sec. 9 (SW4NE4) 43-007-30147
- 5) 1210-0313: N. 750 ft. & E. 650 ft. from SW Cor. Sec. 3 (SW4SW4) 43-007-30124
- 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) 43-007-30109
- 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) 43-007-30156
- 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) 43-007-30136
- 12) 1210-2310: N. 2000 ft. & W. 1950 ft. from SE Cor. Sec. 23 (NW4SE4) 43-007-30146
- 13) 1210-2404: S. 1150 ft. & E. 1200 ft. from NW Cor. Sec. 24 (NW4NW4) 43-007-30147
- 14) 1210-2412: N. 2100 ft. & E. 475 ft. from SW Cor. Sec. 24 (NW4SW4) 43-007-30157

STATE ENGINEER'S ENDORSEMENT

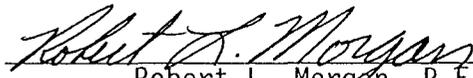
WATER RIGHT NUMBER: 91 - 4819

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



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

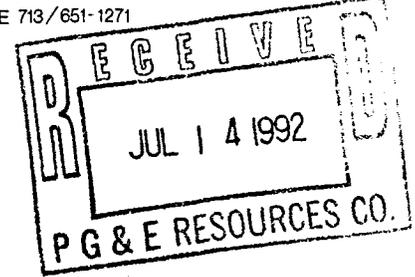
JL/ap

wp51/jl/chgoper.ltr



COCKRELL OIL  
CORPORATION

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



July 9, 1992

Mr. Jim LaFevers  
PG & E  
5950 Berkshire Lane  
Suite 600  
Dallas, Texas 75225

Dear Jim:

As per our telephone conversation, enclosed is an approved copy of the BLM APD on 1210-1504 Well No. 1.

If you have any questions or require any additional information, please do not hesitate to call me.

Sincerely,

  
Ben Weichman  
Special Projects Manager

BW:dv

Enclosure

July 16, 1992



U. S. Department of the Interior  
Bureau of Land Management  
Moab District Office  
P. O. Box 970  
Moab, Utah 84532

Attn: Bill Stringer  
Asst. District Manager

Re: Federal #7-9  
Federal #4-13  
Federal #4-15  
Carbon County, Utah

Dear Mr. Stringer:

Enclosed are the following reports for the above referenced wells:

- Sundry Notice (Form 9)

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

Yours very truly,



Jim LaFevers  
Regulatory Affairs Supervisor

JL:ah

Enclosure

cc: Reg. 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

5. Lease Designation and Serial No.  
UTU-65949

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

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

8. Well Name and No.  
Federal #4-15

9. API Well No.  
43-007-30138

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Carbon

**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.  
5950 Berkshire, Suite 600, Dallas, TX 75225

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660' FNL & 450' FWL  
NW NW, Sec. 15, T12S, R10E

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 1210-1504 #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 & MINING

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)

Assistant Director  
for Minerals

Approved by William C. Strungis Title \_\_\_\_\_ Date 7/27/92

Conditions of approval, if any:

Approve DWH  
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.

\*See Instruction 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

5. Lease Designation and Serial No.  
UTU-65949

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

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

8. Well Name and No.  
1210-1504 #1

9. API Well No.  
43-007-30138

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Carbon, UT

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
PG&E Resource Company

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660' FNL, 450' FWL, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 15, T12S, R10E

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 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 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 [Signature] Title Regulatory Affairs Supervisor Date 7/6/92

(This space for Federal or State office use)  
Approved by [Signature] Title Assistant District Manager for Minerals Date 7/27/92

Conditions of approval, if any:

COPIATIONS OF THIS REPORT ATTACHED

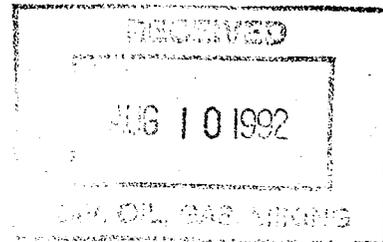
PG&E Resources Company  
Well No. 1210-1504 #1  
NWNW Sec. 15, T. 12 S., R. 10 E.  
Carbon County, Utah  
Lease U-65949

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.



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 - 4  
Application for Temporary Change  
of Water - 43-007-30138  
Carbon County, Utah

Dear Tammi,

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

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

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

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

Sincerely,

PERMITCO INC.

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

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

Enc.

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

Permitco Incorporated  
A Petroleum Permitting Company

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



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

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

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

July 31, 1992

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

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

Dear Mr. Price:

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

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

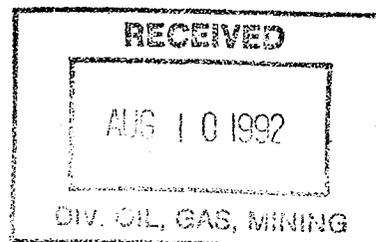
Sincerely,

*William A. Wasmach*

*for* Mark P. Page  
Regional Engineer

cc: Bob Davis - Price River Commissioner

Enclosures  
MPP/mjk



# APPLICATION FOR TEMPORARY CHANGE OF WATER

AUG 10 1992

DIV. OIL, GAS, MINING

RECEIVED

STATE OF UTAH

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

WATER RIGHTS

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

\*WATER RIGHT NO. 91 Area \_\_\_\_\_ \*APPLICATION NO. 1 92 91 12

Changes are proposed in (check those applicable)

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

1. OWNER INFORMATION

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

2. \*PRIORITY OF CHANGE: July 31, 1992

\*FILING DATE: July 31, 1992

\*Is this change amendatory? (Yes/No): No

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

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

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

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

5. SOURCE: Price River

6. COUNTY: Carbon

7. POINT(S) OF DIVERSION: \_\_\_\_\_  
S. 560 ft. & E. 680 ft. from N $\frac{1}{4}$  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)
  - #4-15 Federal: S. 660 ft. & E. 450 ft. from NW Cor. Sec. 15 (NW4NW4) *19-007-30138*
  - #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:

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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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: PG & E 43-007-30138

WELL NAME: FEDERAL 4-15 (12-10-1504)

Section 15 Township 12S Range 10E County CARBON

Drilling Contractor GRACE

Rig # 181

SPUDDED: Date 8/12/92

Time

How ROTARY

Drilling will commence

Reported by JAKE NEVES

Telephone #

Date 8/10/92 SIGNED JLT

Routing	
1- LCR	7- LCR
2- DTB	TS
3- VLC	✓
4- R.J.F.	✓
5- R.W.M.	✓
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 ( <u>214</u> ) <u>750-3824</u>		phone ( <u>713</u> ) <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>12SRng</u> <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>12SRng</u> <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>12SRng</u> <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>12SRng</u> <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>12SRng</u> <u>10E</u>	Lease Type: <u>ML-44443</u>

**OPERATOR CHANGE DOCUMENTATION**

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *X Btm Approvals rec'd 7-30-92. (Rec'd St. Lease Sundries 8-10-92)*
- See 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)*
- 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: \_\_\_\_\_.
- See 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.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(7-31-92)*
- See 6. Cardex file has been updated for each well listed above. *(7-31-92)*
- See 7. Well file labels have been updated for each well listed above. *(7-31-92)*
- See 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)*
- See 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 Bonner

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: 8/25/92 1992.

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 / PGE has a statewide blanket bond.

OPERATOR PG&E Resources Company

OPERATOR ACCT. NO. N0595

ENTITY ACTION FORM - FORM 6

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

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11401	43-007-30138	Federal #4-15	NW NW	15	12S	10E	Carbon	8/3/92	8/3/92

WELL 1 COMMENTS: *Entity added 9-10-92. JR*  
This well was spud 8/3/92.

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

WELL 2 COMMENTS:

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

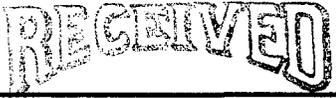
WELL 3 COMMENTS:

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

WELL 4 COMMENTS:

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

WELL 5 COMMENTS:



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

SEP 08 1992  
DIVISION OF  
OIL GAS & MINING

*Jim Laderer*  
Signature  
Regulatory Affairs Supv 9/4/92  
Title Date  
Phone No. (214) 750-3988

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

September 4, 1992



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

RECEIVED

SEP 08 1992

DIVISION OF  
OIL GAS & MINING

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

Gentlemen:

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

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

Yours very truly,

*Jim LaFevers*  
Jim LaFevers  
Regulatory Affairs Supervisor

OIL AND GAS	
1 RJF	✓
ERM	
355	
MICROFILM	
3 - 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

5. Lease Designation and Serial No.

UTU-65949

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Federal #4-15

9. API Well No.

43-007-30138

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon, Utah

**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 Expressway, Suite 1000, Dallas, TX 75206-3922

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

660' FNL & 450' FWL (NW $\frac{1}{4}$ NW $\frac{1}{4}$ ) Sec. 15, T12S-R10E

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 Spud/Set Surface Casing  
 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.)\*

PG&E Resources spud the above referenced well 8/3/92. Ran 8-5/8" 24# K-55, ST&C to 504'. Cemented with 370 sx Premium + 1/4# Floecel + 2% CaCl<sub>2</sub>.(8/6/92)

RECEIVED

SEP 17 1992

DIVISION OF  
OIL GAS & MINING

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

Signed Ava Hurst

Production Administrator

Title Regulatory Affairs

Date 9/15/92

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

September 15, 1992



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

Re: Federal #4-15  
Carbon County, Utah

Gentlemen:

Enclosed is Form 3160-5 - Sundry Notice to spud and set casing on the above referenced well.

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

Yours very truly,

Ava Hurst  
Production Administrator  
Regulatory Affairs

/ah

Enclosure

cc: State of Utah

RECEIVED

SEP 17 1992

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0133  
Expires: March 31, 1993

5. Lease Designation and Serial No.  
UTU-65949

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

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

8. Well Name and No.  
1504 Well #1

9. API Well No.

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Carbon County, Utah

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  
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)  
660' FNL, 450' FWL (NW 1/4 NW 1/4) Sec 15, 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 Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Reconception
<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

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 discontinuously drilled, give subsurface locations and measured and true vertical depths for all workovers and zones pertinent to this work.)\*

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

RECEIVED

NOV 09 1992

DIVISION OF  
OIL, GAS & 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.

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

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

8. Well Name and No.  
1210-1504 #1

9. API Well No.  
43-007-30138

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Carbon, UT

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
PG&E Resource Company

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660' FNL, 450' FWL, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 15, T12S, R10E

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

NOV 09 1992

DIVISION OF  
OIL GAS & MINING

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

Signed Jim J. Fevers Title Regulatory Affairs Supervisor Date 7/6/92

(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

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

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

8. Well Name and No.  
Federal #4-15

9. API Well No.  
43-007-30138

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Carbon

**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.  
5950 Berkshire, Suite 600, Dallas, TX 75225

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660' FNL & 450' FWL  
NW NW, Sec. 15, 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 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 1210-1504 #1

Please change your records accordingly.

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

RECEIVED

NOV 09 1992

DIVISION OF  
OIL, GAS & MINING

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

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

(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.

9-16-91  
1.134  
2.574  
3.244  
4.511  
G&E 9/23/91 ys

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  
660' FNL, 450' FWL (NW $\frac{1}{4}$ NW $\frac{1}{4}$ ) Section 15, 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 drlg. unit line, if any) 450'

16. NO. OF ACRES IN LEASE 2560

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. 4665.92'

19. PROPOSED DEPTH 4900'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7470' GR

22. APPROX. DATE WORK WILL START\* August 15, 1991

5. LEASE DESIGNATION AND SERIAL NO.  
UTU-65949

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Not Applicable

7. UNIT AGREEMENT NAME  
Not Applicable

8. FARM OR LEASE NAME  
1210-1504

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 15, 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#	0-4900'	440 sx Cement

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

RECEIVED

NOV 09 1992

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 1210-1504 #1, Federal Lease # UTU-65949. 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 TITLE Vice-President DATE May 14, 1991  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ ACTING APPROVAL DATE \_\_\_\_\_  
 ASSISTANT DISTRICT MANAGER  
 APPROVED BY TITLE for Minerals DATE 9-10-91  
 CONDITIONS OF APPROVAL, IF ANY

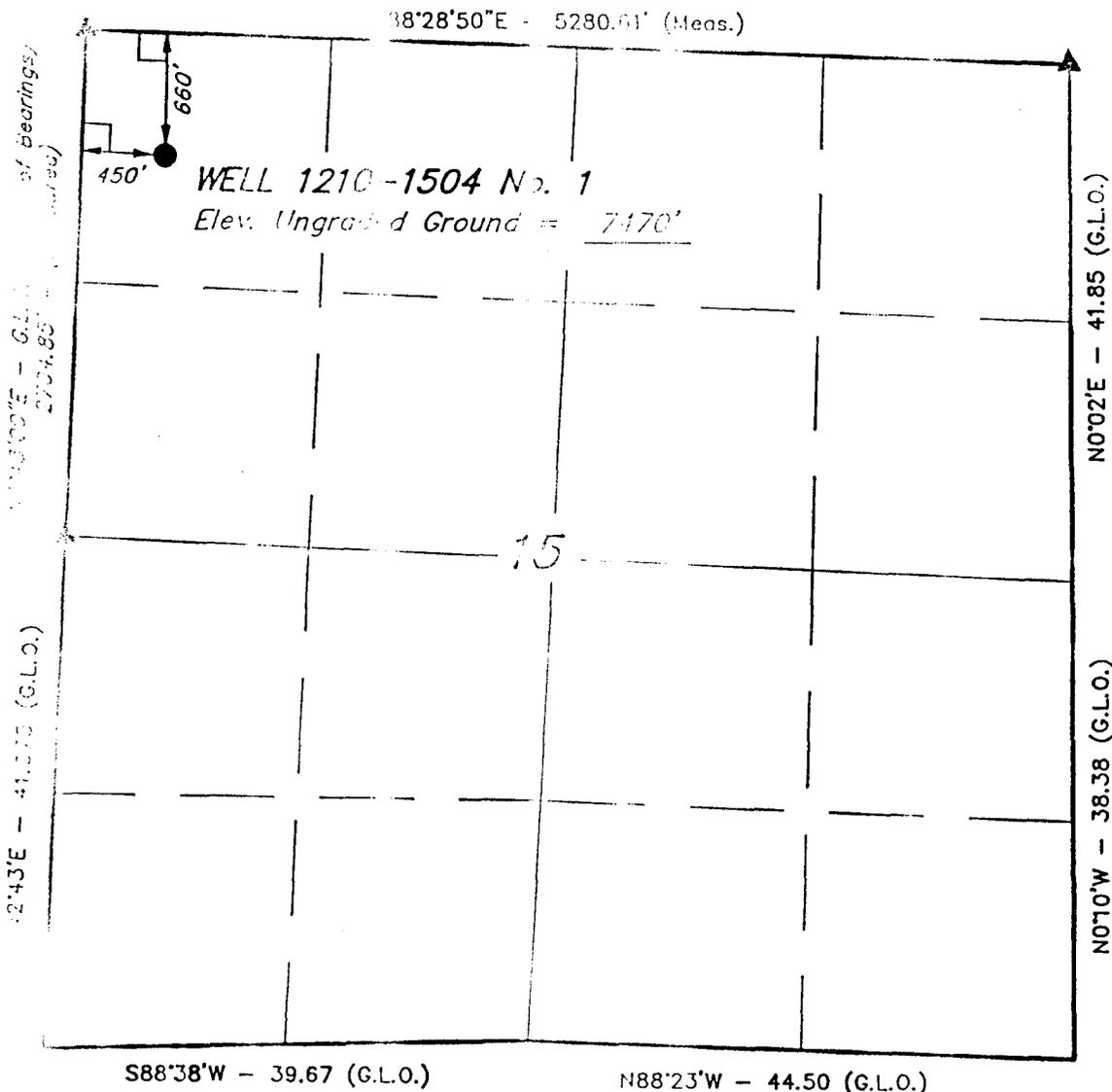
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A  
Dated 1/1/80

CONDITIONS OF APPROVAL ATTACHED  
\*See Instructions On Reverse Side

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

COCKRELL OIL CORP.

Well location, WELL 1210-1504, No. 1 located as shown in the NW 1/4 NW 1/4 of Section 15, T.12S, R.10E, S.L.B.&M. Carbon County, Utah.



BASIS OF ELEVATION

BEING 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 7470 FEET.

CERTIFICATE

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

*Paul L. Gray*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 5709  
 STATE OF UTAH

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

SCALE	1" = 1000'	DATE	3-21-91
PARTS	D.T. G.T. R.E.H.	REFERENCES	G.L.O. PLAT
WEATHER		BY	COCKRELL OIL CORP.

A = SECTION CORNERS LOCATED. (Brass Caps)

Cockrell Oil Corp.  
Well No. 1210-1500 #1  
NWW 1/4, T. 1. N., R. 10 E.  
Carbon County, Utah  
Lease U-85949

#### 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) shall be run on both casing strings on the first federal well drilled within this project. Depending on the results, CBLs 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 BOP 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.

## CONDITIONS OF APPROVAL

Application for Permit to Drill

EA LOS No: UT-066-91-21  
Lease No. UTU-65949 & UTU-65948  
Project: Seven Well Exploration Program  
Location: Carbon County, Utah  
Applicant: Cockrell Oil Corporation  
Address: Houston, Texas  
BLM Office: Moab District  
Telephone: 801-259-6111

### I. Access Conditions

1. Existing roads and trails will be upgraded only to allow for adequate drainage measures. Any damage caused to roads during the project will be repaired.
2. Prior to construction of the new access road, an on-site analysis will be conducted to flag the exact route and establish design criteria. The route will be located as identified under proposed action in the EA.
3. Design criteria will be established to meet requirements of BLM's class III road system. Any road will have a maximum travel surface of 18 feet. Total disturbed width will be limited to 25 feet. (Copy of class three road standards is attached.)
4. The Price River Resource Area Manager will be notified at least 48 hours prior to any surface disturbing activities associated with access road and drill pad construction.
5. Dust control on all portions of the route will be required during project construction and during well drilling and may be necessary later if the project reaches economic production.
6. During inclement weather when activity could result in deep rutting of the roads (6 inches or more), or excessive disturbance of the right-of-way, a stop work order may be verbally issued by the Area Manager with a follow-up written order. An authorization to resume work will be required.
7. Flow measurements are to be taken at the head of each produced water discharge line and at each junction and/or discharge point, whether for surface or underground discharge. These will be recorded every 72 hours or more often when necessary, and this data summarized and reported monthly to BLM-PERRA. Any incidence of flow data discrepancy is to be reported to the State Division of Environmental Health and the Price River Resource Area within 48 hours, and resolved within 12 hours of discovery.

8. Summarized results of all analyses of produced water will be sent to the Price River Resource Area, preferably on a monthly basis initially. This is to include baseline data already gathered.

9. Plans will be formulated for long term monitoring of aquifers and springs in the area of proposed development to assess any cumulative impacts that may trigger the need for an Environmental Impact Statement.

10. There will be no deviation from the proposed drilling and/or workover program without prior approval from the Assistant District Manager for Minerals. Safe drilling and operating practice must be utilized at all times. All wells, whether drilling, producing, suspended, or abandoned and/or separate facilities, will be identified in accordance with 43CFR 3162.6.

11. "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 43CFR 3162.6.

12. The dirt contractor will be provided with an approved copy of the surface use plan.

13. 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 before approval may be granted for any future operations.

Note: From here each FFD should have the well specific wildlife conditions of approval attached.

Also the attached "Resource Roads Survey and Design" should be given to the applicant or deleted from the conditions of approval #3.

NWNW Sec. 15, T. 12 S., R. 10 E.  
Well No. 1210-1504  
Cockrell Oil Corporation  
Lease Status: Federal (U-65949)  
Surface Ownership: Private

Proposed Development: Well Pad, .3 mi. new access road, .7 mi. two track road upgrading, 300 ft. 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

Wildlife Conditions of Approval

1. In order to protect sage grouse nesting/brood rearing, wintering mule deer and elk; exploration, drilling and other development 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 perennial 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 obtained 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 NPL-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 3162.3. 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 of BOP's and surface casing.

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) 259-2214

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

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

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

Gas Well  Other

8. Well Name and No.  
Federal #4-15

Operator  
Resources Company

Telephone No.  
N. Central Expressway, Suite 1000, Dallas, TX 75206-3922

9. API Well No.  
43-007-30138

Well (Footage, Sec., T., R., M., or Survey Description)  
1) FNL & 450' FWL  
NW, Sec. 15, T12S-R10E

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Carbon, Utah

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"/> Well History
	<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 or Well Completion or Recompletion Report and Log form.)

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, subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached is the well history for the above referenced well.

RECEIVED

NOV 09 1992

DIVISION OF  
OIL GAS & MINING

RECEIVED  
MOAB DISTRICT OFFICE  
92 OCT 13 AM 8:51  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

I certify that the foregoing is true and correct

*Rita Hurst*

Title Regulatory Affairs

Date 10/7/92

Space for Federal or State office use)

Branch of Fluid Minerals  
Moab District

Date OCT 20 1992

ACCEPTED

Title

Signature of approval, if any:

5.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 omissions as to any matter within its jurisdiction.

\*See instruction on Reverse Side

## WELL HISTORY

**#4-15 FEDERAL**  
Castlegate Area  
Carbon County, Utah

07-23-92 Began bldg road into location.

07-24-92 Building road to location.

07-25-92 Building road & location.

07-26-92 Building location.

07-27-92 Building location.

07-28-92 Building loc. Pit will have to lined in order to retain fluid. Work scheduled for today. CC \$5000.

07-29-92 Building location & road.

07-30-92 Building location.

07-31-92 Drl & shoot rock on location. Bldg reserve pit.

08-01-92 Bldg location.

08-02-92 Bldg location. MI spudder rig.

08-03-92 TD 135'. Spud & drl to 135' w/ air hammer.

08-04-92 Depth 355'. Drl 12-1/4" surf hole w/ spudder rig. Srvy 0° @ 250'. SDFN.

08-05-92 Depth 505'. Drl 12-1/4" hole w/ spudder rig. Srvy .75° @ 500'. Will run & cmt surf csg today. CC \$32,950.

08-06-92 Ran 8-5/8" 24# K-55 ST&C to 504'. Cmtd w/ 370 sx Prem + 1/4# Flocele + 2% CaCl<sub>2</sub>. Circ 150 sx to surf. CC \$32,950.

08-07-92 Lined reserve pit w/ gel. CC \$44,679.

08-08-92 WO Grace Rig #181.

## WELL HISTORY

#4-15 FEDERAL  
Castlegate Area  
Carbon County, Utah

- 08-09-92 Drl rat & mouse hole. WO Grace.
- 08-10-92 WO Grace. Begin MI today. CC \$44,679.
- 08-11-92 MI & RU Grace Drlg #181. NU BOPE. Testing BOP's. CC \$75,979.
- 08-12-92 Drlg 830', day 1, 313'/7.5 hrs, MW 8.4, Visc 26, WL N/C. Fin tstg BOPE to 2000# & csg to 1500#. Drl out cmt, trip for BHA. Srvy .75° @ 494', 2° @ 624'. CC \$90,674.
- 08-13-92 Drlg 1855', day 2, 1025'/23 hrs, MW 8.4, Visc 26, WL N/C. Srvy 2.25° @ 1076' & 2.75° @ 1573'. CC \$96,596.
- 08-14-92 Drlg 2765', day 3, 910'/20.5, MW 8.4, Visc 26, WL N/C. Srvy 3.25° @ 2075', 4° @ 2572', 3° @ 2765'.
- 08-15-92 Drlg 3190', day 4, 449'/14 hrs, MW 8.4, Visc 26, WL N/C. Trip for bit, trip for hole in DP.
- 08-16-92 Drlg 3757', day 5, 567'/22 hrs, MW 9.0, Visc 36, WL 12.2. Srvy 5.5° @ 3200', 6° @ 3693'.
- 08-17-92 Drlg 3917', day 6, 166'/15.5 hrs, MW 8.9, Visc 34, WL N/C. Trip for bit. CC \$134,090.
- 08-18-92 No report.
- 08-19-92 Drlg 4459', day 8, 256'/23.5 hrs, MW 9.0, Visc 38, WL 11.6. CC \$148,221.
- 08-20-92 Depth 4475', day 9, 16'/1.5 hrs. Drld to 4475' TD, LD DP, RU & run 5-1/2", 17#, N-80, LT&C to 4475'. Cmt w/ 295 sx 50/50 Poz + add, rotated csg thru 1st stage. Open DV & circ 90 sx cmt from 1st stage. Cmtd 2nd stage w/ 275 Silica Lite + add & tailed w/ 50 sx Class G. Circ 6 sx to surf, closed DV, set slips. RR @ 5:00am 8-20-92. CC \$205,617. DROP UNTIL COMPLETION.

## WELL HISTORY

**#4-15 FEDERAL**  
Castlegate Area  
Carbon County, Utah

- 09-17-92 Weld on 5-1/2" bell nip, NU tbg head, set deadmen & road rig to loc, RU, NU BOP, unload tbg & drl collars, PU 4-3/4" bit, csg scraper, (4) 3-1/2" DC & 26 jts 2-7/8" tbg. SDFN. CCC \$5,779., CWC \$211,396.
- 09-18-92 0# SITP/SICP. PU 75 jts 2-7/8" tbg, tbg cmt @ 3296' KB, drl 3' cmt from 3296-3299' KB, drl out 3' DV collar 3299'3302' KB, circ hole clean, PU 34 jts 2-7/8", tag cmt # 4382' KB, drl 4' cmt & junk from 4382-4386' KB, bit pulling w/ junk, x-over sub on swivel cracked, circ hole clean. SDF weekend. CCC \$8,572., CWC \$214,189.
- 09-21-92 0# SITP/SICP. Drl 58' cmt, plugs, junk & baffle collar from 4386' to float collar @ 4444' KB. Circ tbg clean, trip out with 2-7/8" tbg, LD DC, scraper & bit. SDFN. CCC \$10,889., CWC \$216,506.
- 09-22-92 0# SITP/SICP. RU HLS, run bond log & dual spaced neutron log. Press tst csg to 2000# for 15 min (ok), trip in w/ notched collar & 2-7/8" tbg. Circ hole clean w/ 160 Bbl filter produced wtr, LD 141 jts 2-7/8" tbg. ND BOP, RD well serv. CCC \$17,698., CWC \$228,315. FINAL REPORT.

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 checked="" type="checkbox"/> Other   CBM	5. Lease Designation and Serial No. UTU-65949
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, Dallas, Texas 75206-3922	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 450' FWL NW NW, Sec. 15, T12S-R10E	8. Well Name and No. Federal #4-15
	9. API Well No. 43-007- 30138
	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>Temporary Abandon</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 Company has temporarily abandoned this well as of 9/22/92.

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

RECEIVED

NOV 09 1992

DIVISION OF  
OIL GAS & MINING

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

Signed Ava Hurst   Ava Hurst   Title Regulatory Affairs   Date 10/27/92

(This space for Federal or State office use)

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



# State of Utah

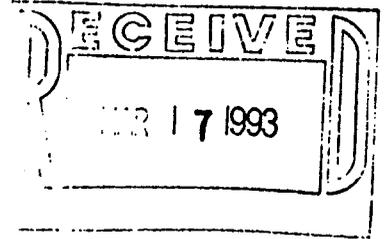
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangert  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

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



March 12, 1993

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

Gentlemen:

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

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

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

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

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

Sincerely,

R.J. Firth  
Associate Director, Oil and Gas

cc: BLM, Price  
R.J. Firth  
WUI229



April 20, 1993

RECEIVED

APR 21 1993

DIVISION OF  
OIL GAS & MINING

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

Attention: Mr. Frank Mathews

RE: Castlegate CBM Project  
Carbon County, Utah

Gentlemen:

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

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

Very truly yours,

Cindy Keister  
Regulatory Analyst

CRK/ck

Attachments

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

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

7. Indian Allottee or Tribe Name  
NA

8. Unit or Communitization Agreement  
NA

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

10. API Well Number  
See Attached Schedule "A"

11. Field and Pool, or Wildcat  
Wildcat

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

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

2. Name of Operator  
PG&E Resources Company

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

4. Telephone Number  
214/750-3800

5. Location of Well  
Footage : See Attached Schedule "A"  
OO, Sec. T., R., M. : *Federal 4-15 Sec 15 T12S 10E*  
*43-007-30138* County : Carbon State : UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

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

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

Approximate Date Work Will Start 05/01/93

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandonment \*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other \_\_\_\_\_

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

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

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

\* Must be accompanied by a cement verification report.

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

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

*4-22-93*  
*JAN [Signature]*

**RECEIVED**

APR 21 1993

DIVISION OF  
OIL GAS & MINING

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

Name & Signature

*Cindy Keister*

Cindy Keister

Title Regulatory Analyst Date

04/20/93

(State Use Only)

CASTLEGATE  
SCHEDULE 'A'

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

APRIL 20, 1993

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

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

PG&E Resources Company  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75206-3922  
(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
X	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 (3rd 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 (3rd Flr)	(214) 750-3162

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

TO: Debra Echell @ \_\_\_\_\_ @ FAX # \_\_\_\_\_  
 TO: \_\_\_\_\_ @ \_\_\_\_\_ @ FAX # \_\_\_\_\_  
 TO: \_\_\_\_\_ @ \_\_\_\_\_ @ FAX # \_\_\_\_\_

FROM: AVA HURST Date: 11/24/92

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

**IF YOU DO NOT RECEIVE ALL OF THIS TRANSMITTAL, PLEASE NOTIFY  
 @ (214) 750-\_\_\_\_\_**

## CASTLEGATE

WELL NAME	LEASE SERIAL NO.	API NUMBER	ENTITY FORM 6 EFF.DT	FORM 7 WATER	SUNDRY		NOTICE		SITE SECURITY	FORM 3160-4 COMP	NTL-2B
					SPUD/SET SURF. CASING	WELL HISTORY BLM/DOGM	T&A P&A	OTHER (FILED)			
#7-9 FEDERAL	UTU-65948	43-007-30137	7/16/92	7/20/92	FLD 9/15/92	9/29/92		COMP 9/15/92		10/27/92	
#4-15 FEDERAL	UTU-65949	43-007-30138	8/3/92	NO	FLD 9/15/92	10/7/92	T&A 10/27/92				
#4-13 FEDERAL	UTU-65949	43-007-30126	7/30/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#9-10 JENSEN	433396	43-007-30159	8/10/92	NO	FLD 9/16/92	10/7/92		INJTST 10/27/92		10/27/92	
#2-16 STATE	UTU-65949	43-007-30133	8/23/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#9-16 STATE	UTU-65949	43-007-30132	8/17/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#11-10 JENSEN	433396	43-007-30164	8/27/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#5-10 JENSEN	433396	43-007-30162	8/29/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#16-10 JENSEN	FEE	43-007-30161	8/23/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#7-15 JENSEN	FEE	43-007-30165	9/2/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#11-11 SHIMMIN TR	FEE	43-007-30168	9/6/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#10-11 SHIMMIN TR	FEE	43-007-30167	9/24/92	NO	FLD 10/6/92	10/7/92	T&A 10/27/92				
#12-12 SHIMMIN TR	FEE	43-007-30168	9/16/92	NO	FLD 9/28/92	10/7/92	T&A 10/27/92				
#14-12 SHIMMIN TR	FEE	43-007-30169	10/21/92	10/1/92	FLD 10/6/92	10/7/92	T&A 10/27/92				
#11-15 JENSEN	FEE	43-007-30175	10/6/92	NO	FLD 10/16/92	10/16/92,10/22/92	T&A 10/27/92				
#16-09 JENSEN	FEE	43-007-30163	9/8/92	NO	FLD 9/28/92	10/7/92	T&A 10/27/92				
#16-15 FEDERAL	UTU-65949	43-007-30176	10/27/92	NO	FLD 10/27/92	10/29, 11/4, 11/11/92	T&A 11/10/92				
#14-14 FEDERAL	UTU-65949	43-007-30173	10/22/92	NO	FLD 10/22/92	10/22,10/27/92	T&A 10/27/92				
#16-14 FEDERAL	UTU-65949	43-007-30174	10/22/92	NO	FLD 10/22/92	10/22,10/27/92	T&A 10/27/92				
#14-13 FEDERAL	UTU-65949	43-007-30177	10/22/92	NO	FLD 10/22/92	10/22,10/29,11/4,11/11/92	T&A 11/10/92				
#12-9 JENSEN	FEE	43-007-30171	NOT TO	BE	DRILLED						
#14-8 JENSEN	FEE	43-007-30170	NOT TO	BE	DRILLED						
#4-16 FEDERAL		43-007-30172	NOT TO	BE	DRILLED						
#11-16 STATE	FEE	43-007-30160	NOT TO	BE	DRILLED						

MOAB DIST. OFFICE  
NOVEMBER 10, 1992

BLM

PLEASE HOLD ALL WELL IN CONFIDENTIAL STATUS.

RECEIVED

OCT 04 1993

DIVISION OF  
OIL, GAS & MINING

September 30, 1993



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

RE: Federal 4-15  
Section 15-T12S-R10E  
Carbon County, Utah

Gentlemen:

Attached is an original and two (2) copies of 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

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

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

5. LEASE DESIGNATION AND SERIAL NO.

UTU-65949

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Federal

9. WELL NO.

4-15

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Section 15, T12S-R10E

12. COUNTY OR PARISH  
Carbon

13. STATE  
Utah

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

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

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

2. NAME OF OPERATOR  
PG&E Resources Company

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

4. LOCATION OF (Report location clearly and in accordance with any State requirements)\*  
At surface 660' FNL & 450' FWL NW/4 NW/4  
At top prod. interval reported below Same  
At total depth Same

14. PERMIT NO. 43-007-30138 DATE ISSUED 09/10/91

15. DATE SPUDDED 08/03/92 16. DATE T.D. REACHED 08/20/92 17. DATE COMPL. (Ready to prod.) 09/11/93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 7484' RKB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4475' 21. PLUG, BACK T.D., MD & TVD 4444' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY → 24. ROTARY TOOLS X 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
3888' - 4193' Blackhawk 4320'-4385' Kenilworth 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Spaced Neutron w/Gamma Ray CBL 10-15-92 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#	504'	12-1/4"	370sx Premium w/additives	0
5-1/2"	17#	4475'	7-7/8"	295sx 50/50 Poz w/additives	0
		DV Tool @3287'		275sx 50/50 Poz w/additives	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4393'	NA

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT	
INTERVAL	SIZE	HOLES	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3888' - 4193'	0.45"	37 Holes	3888' - 4385'	2000 gals 7-1/2% FE Acid + 61000 gals Dual XL CMHEC gel + 39700# 100 mesh sd + 73000# 16/30 sd + 20000# 16/30 resin coated sd
4320' - 4385'	0.45"	16 Holes		

33.* PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)		
09/20/93	Hyland Model 120 Progressive Cavity Pump				Shut-In		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
09/23/93	24	NA	→	0	24	797	NA
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
NA	100	→	0	24	797	NA	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Well currently shut-in waiting on completion of central processing facility. TEST WITNESSED BY Mike McMican

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Cynthia B. Keester TITLE Sr. Regulatory Analyst DATE 09/30/1993

\*(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	3492'	4195'	Natural gas	Price River ss		2747'
Kenilworth	4196'	4385'	Natural gas	Castlegate ss		3166'
				Blackhawk		3492'
				Kenilworth		4196'
				Aberdeen		4386'

RECEIVED

December 21, 1993

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

5. Lease Designation and Serial No.

UTU-65949

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 4-15

9. API Well No.

43-007-30138

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon County, Utah

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

DEC 27 1993  
DIVISION OF  
OIL, GAS & MINING  
214/750-3800

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

660' FNL & 450' FWL  
NW/4 NW/4 Sec. 15-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 Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>NTL-2B</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 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 B. Feista 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:

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)  
 660' FNL & 450' FWL  
 NW/4 NW/4 Sec. 15-T12S-R10E

5. Lease Designation and Serial No.  
 UTU-65949

6. If Indian, Allottee or Tribe Name  
 NA

7. If Unit or CA, Agreement Designation  
 NA

8. Well Name and No.  
 Federal 4-15

9. API Well No.  
 43-007-30138

10. Field and Pool, or Exploratory Area  
 Wildcat

11. County or Parish, State  
 Carbon County, Utah

**CONFIDENTIAL**

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 4-15 is producing at an estimated rate of 193 MCFD & 490 BWPD on pump.

**MAR 22 1994**  
 DIV. OF OIL, GAS & ENERGY

14. I hereby certify that the foregoing is true and correct.  
 Signed Cindy B. Keister 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:

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.

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-65949

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

8. Well Name and No.

Federal 4-15

2. Name of Operator

Anadarko Petroleum Corporation

9. API Well No.

43-007-30138

3. Address and Telephone No.

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

10. Field and Pool, or Exploratory Area

Wildcat

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

660' FNL & 450' FWL, NW/4 NW/4, Sec. 15, T12S, R10E

11. County or Parish, State

Carbon, Utah

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

12.

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Change of 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.)\*

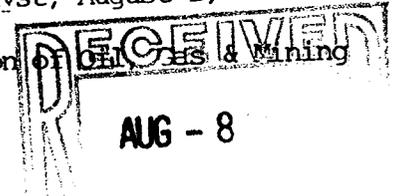
Please be advised that PG&E Resources Company is hereby transferring operations and Anadarko Petroleum Corporation is hereby assuming operations and will be responsible for the above described well effective as of August 1, 1994.

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: [Signature], 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 [Signature]

Title Division Administrative Manager Date August 1, 1994

(This space for Federal or State office use)

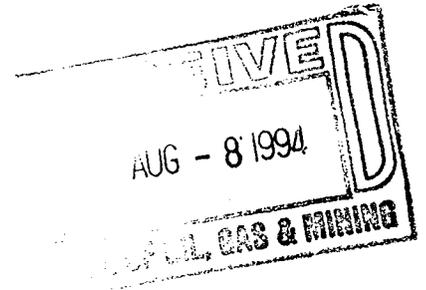
Approved by \_\_\_\_\_  
Conditions of approval, if any:

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

August 2, 1994



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

ATTENTION: Lisha Cordova

RE: Change of Operator  
Castlegate Wells  
Carbon County, Utah

Dear Lisha:

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

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

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

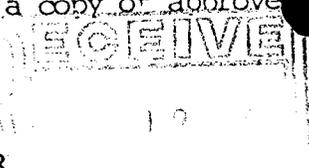
Sincerely,

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

Enclosures (33)

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

Note: Please furnish with 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-65949

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

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

8. Well Name and No.  
Federal 4-15

9. API Well No.  
43-007-30138

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Carbon, Utah

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)  
660' FNL & 450' FWL, NW/4 NW/4, Sec. 15, T12S, R10E

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: Rihanna Brown, 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 Hanger Title Associate District Manager Date 8/9/94  
Conditions of approval, if any:

Anadarko Petroleum Corporation  
Well No. Federal 4-15  
NWNW Sec. 15, T. 12 S., R. 10 E.  
Grand 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 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-0128 (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 3106.7-2 continuing responsibility are met.

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 ( <u>405</u> ) <u>475-7000</u>		phone ( <u>214</u> ) <u>750-3922</u>
	account no. <u>N 0035</u>		account no. <u>N 0595</u>

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

Name: <u>FEDERAL 6-8/MVDCL</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>UTU6594</u>
Name: <u>FEDERAL 7-9/MVDCL</u>	API <u>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>	API <u>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>	API <u>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>	API <u>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>	API <u>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>	API <u>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>	<u>11440</u> ✓	<u>15 12S 10E</u>	Lease Type: <u>"</u>

**OPERATOR CHANGE DOCUMENTATION**

- Sec 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)
- Sec 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:     .
- Sec 4. (For **Indian and Federal Wells ONLY**) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- 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
- Sec 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)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) 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 / See / etc / 8/1/94 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.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number

UTU-65949

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

CA# UTU-73772

8. Well Name and Number:

Federal #4-15

9. API Well Number:

43-007-30138

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: NW NW 660' FNL & 450' FWL  
QQ, Sec., T., R., M.: Sec. 15 T12S-R10E

County: Carbon

State: Utah

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

NOTICE OF INTENT  
(Submit in Duplicate)

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

Approximate date work will start Early Spring

SUBSEQUENT REPORT  
(Submit Original Form Only)

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

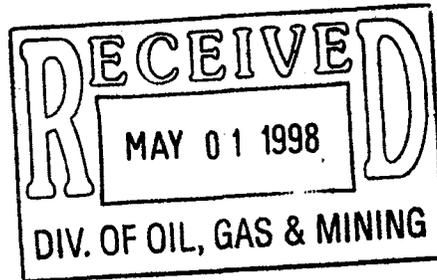
Date of work completion \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

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

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



13.

Name & Signature

*Shad Frazier*

Shad Frazier

Title

Production Engineer

Date

02/17/98

(This space for State use only)

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

Date: 5-14-98

By: D. Jones

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

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal #4-15

9. API Well No.

43-007-30138

10. Field and Pool, or Exploratory Area

Castlegate

11. County or Parish, State

Carbon County, Utah

**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)

NW NW 660' FNL & 450' FWL  
Sec. 15 T12S-R10E

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 \_\_\_\_\_
- 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.)\*

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  
 APR 19 PM 2:33

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

Signed [Signature]

Title Shad Frazier  
Production Engineer

Date 02/17/98

(This space for Federal or State office use)

Approved by [Signature]  
Conditions of approval, if any:

Title Assistant Field Manager,  
Resource Management

Date 4/22/98

**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 for 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 #4-15  
Sec. 15-T12S-R10E 660' FNL & 450' FWL  
Carbon County, Utah**

**AFE: 501501  
WI: 100%  
API # 43-007-30138**

**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 3888. POH w/ GR/JB and pick up CIBP. Trip in hole and set CIBP @ +/- 3830 (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 @ +/- 3830.
4. POH to bottom of surface casing @ 504 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 #4-15, Carbon County, Utah

# FEDERAL #4-15

NW NW 660" FNL & 450' FWL: SEC 15 T12S-R10E  
 API NO. 43-007-30138

SPUD RIG OFF  
 SURFACE 08/03/1992 08/08/1992  
 PRODUCTION 08/11/1992 08/20/1992

7469 GL 15 KB 7484

12-1/4" Hole  
 8-5/8", 24# J-55  
 w/395 sxs cmt  
 TOC @ Surface

504

DV Tool  
 w/295 sxs cmt

3287

**(Holes Perforations**

- (6) 3888 - 3890
- (6) 3928 - 3930
- (8) 3966 - 3969
- (6) 4006 - 4008
- (8) 4027 - 4030
- (6) 4099 - 4101
- (12) 4133 - 4138
- (14) 4156 - 4162
- (7) 4166 - 4173
- (8) 4193 - 4196
- (8) 4279 - 4286
- (6) 4320 - 4322
- (10) 4332 - 4336
- (6) 4353 - 4355
- (10) 4380 - 4385

(121) Total Holes

7-7/8" Hole  
 5-1/2", 17# N-80  
 w/295 sxs cmt

TD 4475

4444

4475

**WELL WORK HISTORY**

09/02/1993 FRAC 3888-4385 w/59M GAL CMHEC, 40M# 100  
 MESH, 73M# 16/30, 20M# 16/30 RC

09/11/1993 POP w/ HPC 120 PMP

11/09/1993 FLUSHED ROTOR & STATOR

02/02/1994 CHECK PMP, TFF @ 4433

03/13/1994 FLUSHED ROTOR & STATOR

03/30/1994 FLUSHED ROTOR & STATOR

06/21/1994 HOLE IN TBG, INSTALL FILTER, TFF @ 4420

07/01/1994 PMP FAIL. SCALE IN STATOR & FILTER

11/09/1994 RODS PARTED

03/23/1995 PMP LOCK, HVY SCALE IN PERF AREA, FLTR  
 80% PLGD w/ SCALE. RE-PERF & ACD,  
 TFF @ 4424 & CO TO PBDT

04/06/1995 C/O ROTOR FROM 1.874 TO 1.868

08/25/1995 STATOR FAILURE, CLEAN OUT TO 4442,  
 NEW BMW STATOR & ROTOR.

08/29/1995 STATOR FAILURE --- CLEAN OUT TO PBDT  
 BMW REPLACED

10/30/1995 STATOR FAILURE, TFF @ 4425

12/23/1995 STATOR FAILURE, CO TO ROD PUMP; CO TO 4444'

07/31/1996 PARTED RODS; CO2 CORROSION

08/06/1996 HOLE IN TBG: LD 6 BAD JTS

08/01/1997 PUMP 300 GALS BORIC ACID

**NOTES:**

TUBING BREAKDOWN		ROD BREAKDOWN	
2-7/8"	JTS	PONIES	
TA		1"	
2-7/8"	JTS	7/8"	
3-1/2"	JTS	3/4"	
SN		1"	
TAG BAR		1.5"	
2-7/8"	JTS	PUMP	
NC			
EOT			

DEVIATION ANGLE		FORMATION	TOP
494	0.8	PRICE RIVER	2747
624	2	CASTLEGATE	3166
1076	2.3	BLACKHAWK	3492
1573	2.8	KENILWORTH	4196
2075	3.3	ABERDEEN	4386
2572	4	SPRING CANYON	
2765	3		
3200	5.5		
3844	6.5		

LAST REVISED: 03/13/1998

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. Indian, Allottee or Tribe Name:

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

7. Unit Agreement Name:

1. Type of Well: OIL  GAS  OTHER: METHANE

8. Well Name and Number:

Federal 4-15

2. Name of Operator

Anadarko Petroleum Corporation

9. API Well Number:

43-007-30138

3. Address and Telephone Number.

17001 Northchase Dr., Houston, Texas 77060

10. Field and Pool, or Wildcat

Castlegate Field

4. Location of Well

Footages: 660' FNL & 450' FWL  
QQ.Sec., T., R., M.: NW NW Sec. 15-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.

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

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

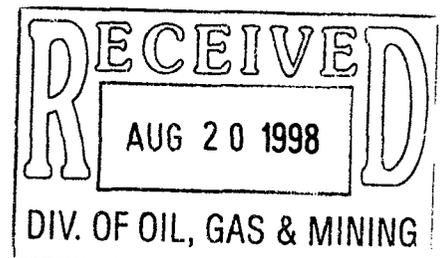
SEE ATTACHED WELLBORE DIAGRAM AND DETAILED FIELD REPORT.

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

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

(This space for State use only)

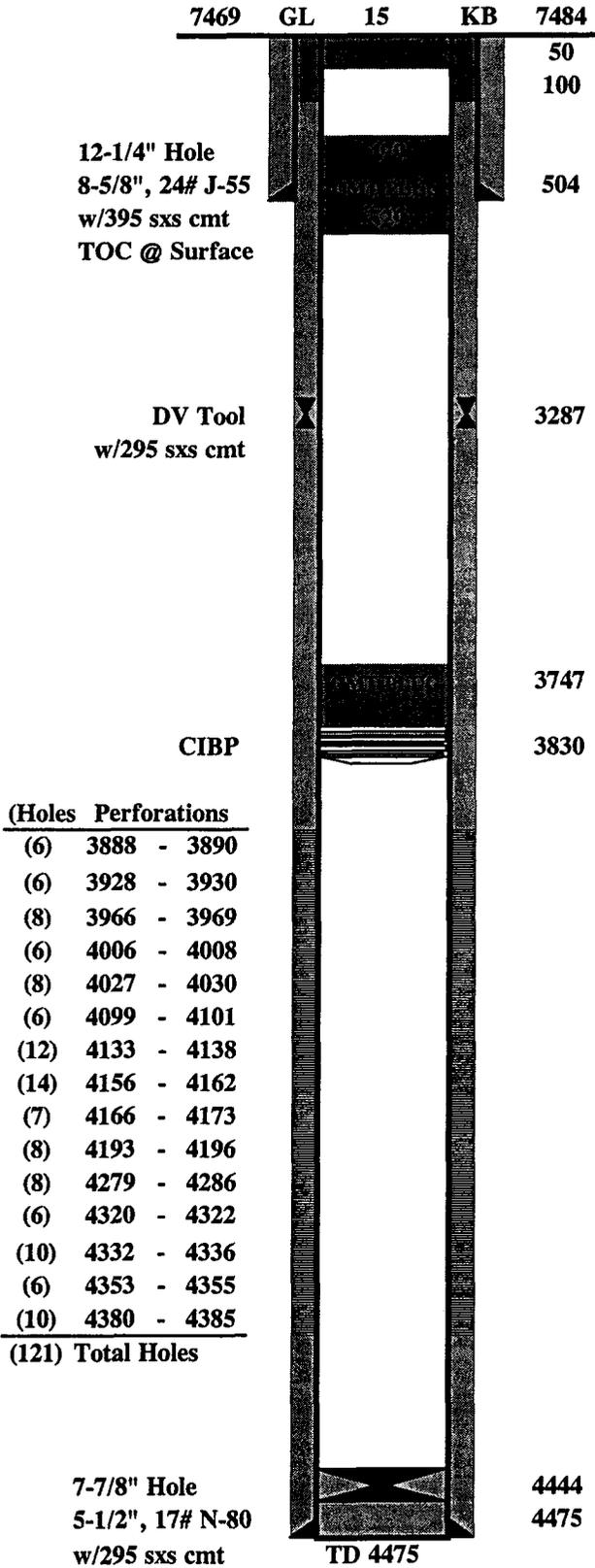
(See Instructions on Reverse Side)



# FEDERAL #4-15

NW NW 660' FNL & 450' FWL: SEC 15 T12S-R10E  
API NO. 43-007-30138

SPUD 08/03/1992 RIG OFF 08/08/1992  
SURFACE 08/03/1992  
PRODUCTION 08/11/1992 08/20/1992



**(Holes Perforations)**

(6)	3888	-	3890
(6)	3928	-	3930
(8)	3966	-	3969
(6)	4006	-	4008
(8)	4027	-	4030
(6)	4099	-	4101
(12)	4133	-	4138
(14)	4156	-	4162
(7)	4166	-	4173
(8)	4193	-	4196
(8)	4279	-	4286
(6)	4320	-	4322
(10)	4332	-	4336
(6)	4353	-	4355
(10)	4380	-	4385
<b>(121) Total Holes</b>			

WELL WORK HISTORY			
09/02/1993	FRAC 3888-4385 w/59M GAL CMHEC, 40M# 100 MESH, 73M# 16/30, 20M# 16/30 RC		
09/11/1993	POP w/ HPC 120 PMP		
11/09/1993	FLUSHED ROTOR & STATOR		
02/02/1994	CHECK PMP, TFF @ 4433		
03/13/1994	FLUSHED ROTOR & STATOR		
03/30/1994	FLUSHED ROTOR & STATOR		
06/21/1994	HOLE IN TBG, INSTALL FILTER, TFF @ 4420		
07/01/1994	PMP FAIL. SCALE IN STATOR & FILTER		
11/09/1994	RODS PARTED		
03/23/1995	PMP LOCK, HVY SCALE IN PERF AREA, FLTR 80% PLGD w/ SCALE. RE-PERF & ACD, TFF @ 4424 & CO TO PBTD		
04/06/1995	C/O ROTOR FROM 1.874 TO 1.868		
08/25/1995	STATOR FAILURE, CLEAN OUT TO 4442, NEW BMW STATOR & ROTOR.		
08/29/1995	STATOR FAILURE --- CLEAN OUT TO PBTD BMW REPLACED		
10/30/1995	STATOR FAILURE, TFF @ 4425		
12/23/1995	STATOR FAILURE, CO TO ROD PUMP; CO TO 4444'		
07/31/1996	PARTED RODS; CO2 CORROSION		
08/06/1996	HOLE IN TBG; LD 6 BAD JTS		
08/01/1997	PUMP 300 GALS BORIC ACID		
<b>NOTES:</b>			
TUBING BREAKDOWN		ROD BREAKDOWN	
2-7/8"	JTS	PONIES	
TA		1"	
2-7/8"	JTS	7/8"	
3-1/2"	JTS	3/4"	
SN		1"	
TAG BAR		1.5"	
2-7/8"	JTS	PUMP	
NC			
EOT			
DEVIATION ANGLE		FORMATION	TOP
494	0.8	PRICE RIVER	2747
624	2	CASTLEGATE	3166
1076	2.3	BLACKHAWK	3492
1573	2.8	KENILWORTH	4196
2075	3.3	ABERDEEN	4386
2572	4	SPRING CANYON	
2765	3		
3200	5.5		
3844	6.5		

LAST REVISED: 07/21/1998



HALLIBURTON

COIL TUBING JOB LOG 4191

DATE 7-1-98 PAGE NO. 1

CUSTOMER Andarko WELL NO. 4-15 LEASE Fedema JOB TYPE P&A TICKET NO. 40266 Co

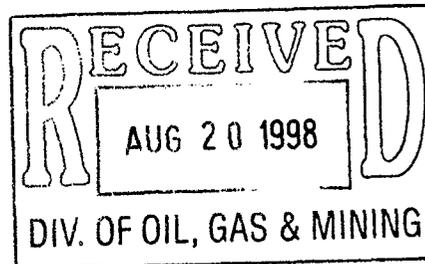
Table with columns: TIME, RATE BPM, N2 RATE scf, VOLUME, PULL wt, RUN wt, TUBING psi, CASING psi, DESCRIPTION OF JOB. Contains handwritten data for various operations including rig up, pump fresh sl, start cement, and rig down.

Job Complete  
Thank You



August 13, 1998

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



Re: State Form 9  
 Castlegate Field  
 Carbon County, Utah

Gentlemen:

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

SHIMMIN TRUST 1 <i>fr SGW to PA</i>	JENSEN 11-15 <i>fr SGW to PA</i>
SHIMMIN TRUST 2 " " " "	JENSEN 16-9 " " " "
SHIMMIN TRUST 3 " " " "	JENSEN 16-10 " " " "
SHIMMIN TRUST 4 " " " "	FEDERAL 4-13 <i>fr SGW to PA</i>
SHIMMIN TRUST 5 " " " "	FEDERAL 4-15 " " " "
SHIMMIN TRUST 10-11 <i>fr WD W to PA</i>	FEDERAL 6-8 " " " "
SHIMMIN TRUST 11-11 <i>fr SGW to PA</i>	FEDERAL 7-9 " " " "
SHIMMIN TRUST 12-12 " " " "	FEDERAL 14-13 " " " "
SHIMMIN TRUST 14-12 " " " "	FEDERAL 14-14 " " " "
JENSEN 5-10 <i>fr SGW to PA</i>	FEDERAL 16-14 " " " "
JENSEN 7-15 " " " "	FEDERAL 16-15 " " " "
JENSEN 9-10 " " " "	STATE 2-16 <i>fr SGW to PA</i>
JENSEN 11-10 " " " "	STATE 9-16 " " " "

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

Best regards,

ANADARKO PETROLEUM CORPORATION

Gail A. Rupert  
 Engineering Technician

Enclosures

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

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: 660' FNL & 450' FWL  
 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 8 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)  
 450'

16. NO. OF ACRES IN LEASE  
 2,560

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 160

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

19. PROPOSED DEPTH  
 4,475'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7,469' graded ground

22. APPROX. DATE WORK WILL START\*  
 July 15, 2000

5. LEASE DESIGNATION AND SERIAL NO.  
 UTU-65949

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

7. UNIT AGREEMENT NAME  
 N/A

8. FARM OR LEASE NAME WELL NO.  
 Huber-Frand./Fed 4-15

9. API WELL NO.

10. FIELD AND PAD OR SUBCAT  
 Castlegate

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 15-12s-10e SLBM

12. COUNTY OR PARISH  
 Carbon

13. STATE  
 Ut.

RECEIVED  
 JUN 20 2000  
 DIVISION OF OIL, GAS AND MINING

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#	504'	≈191 cu ft & to surface
7-7/8"	5-1/2" (N-80)	17#	4,475'	≈205 cu ft & to ≈3,287'

Will re-enter P&A well (API # 43-007-30138), drill out plugs, and re-perforate.

Request exception because of terrain (east edge of pad was trimmed to avoid steep slope). Exception is to section line (450' instead of ≥460'), not to a well. If productive, then will communitize NW4.

Orthodox well could be drilled at 660 FN & 460 FW 15-12s-10e, but it would require a second well bore. Request permission to drill at 660' FNL & 450' FWL 15-12s-10e. This is the only well in the quarter section. There are no producing wells within a 2,393' radius. Wells (see Page 9) could be drilled in 7 of 8 offsetting units. Huber is owner of all drilling units and leases within minimum 3,412' radius of proposed exception. This includes all 8 directly or diagonally offsetting drilling units.

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 Bradley G. Hill TITLE Consultant (505) 466-8120 DATE 6-17-00

(This space for Federal or State office use)

PERMIT NO. 43-007-30138 APPROVAL DATE \_\_\_\_\_

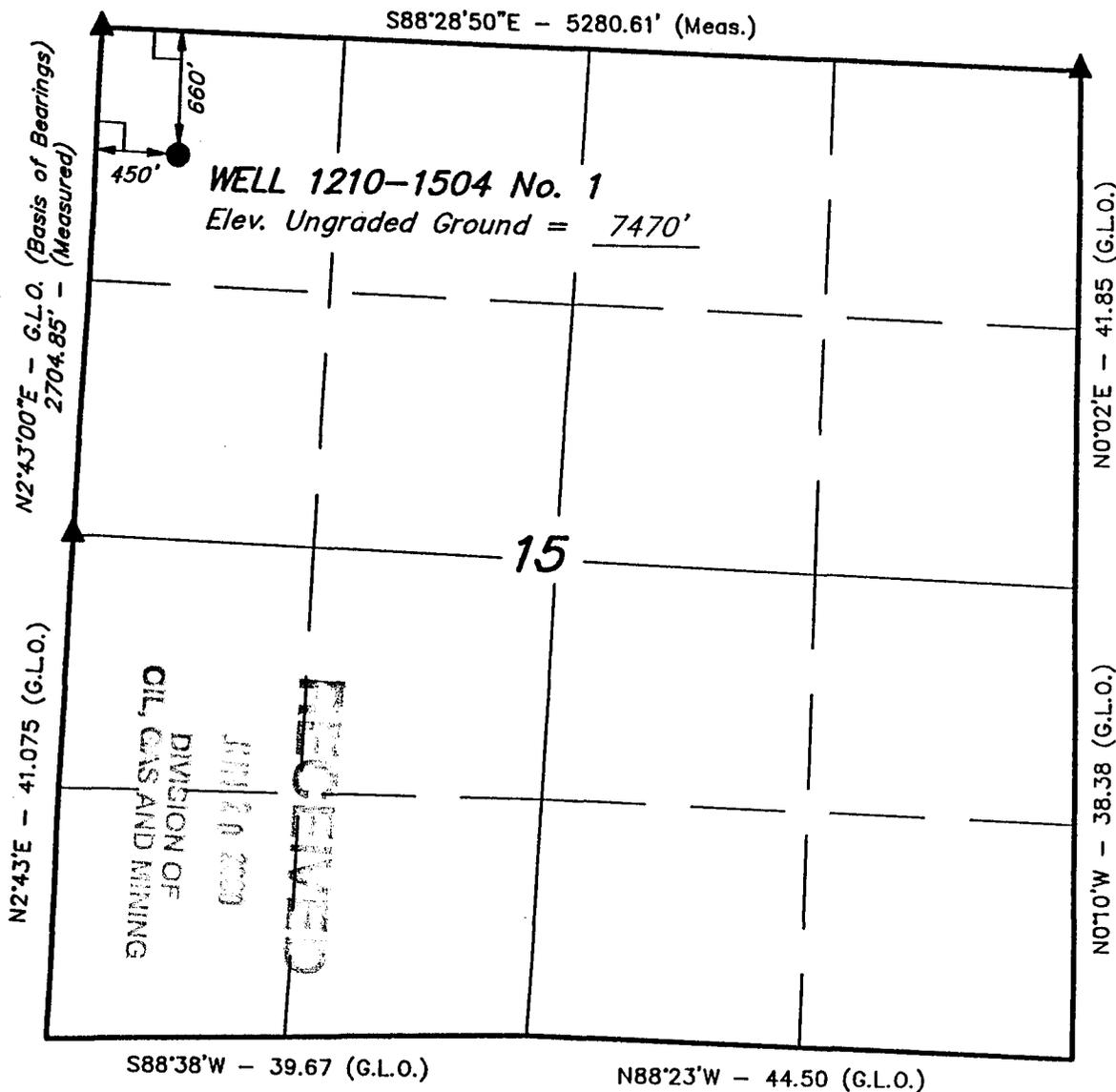
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL RECLAMATION SPECIALIST !!! DATE 06-23-01

\*See Instructions On Reverse Side

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



▲ = SECTION CORNERS LOCATED. (Brass Caps)

**COCKRELL OIL CORP.**

Well location, WELL 1210-1504, No. 1 located as shown in the NW 1/4 NW 1/4 of Section 15, 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. Gray*  
 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 L.D.T. G.T. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE COCKRELL OIL CORP.

J. M. Huber Corporation  
Huber-Frandsen/Federal 4-15  
660' FNL & 450' FWL  
Sec. 15, 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'	+7,469'
North Horn Fm	350'	362'	+7,119'
Price River Ss	2,747'	2,759'	+4,722'
Castle Gate Ss	3,166'	3,178'	+4,303'
Blackhawk Coal	3,492'	3,504'	+3,977'
Kenilworth Coal	4,196'	4,208'	+3,273'
Aberdeen Ss	4,386'	4,398'	+3,083'
Total Depth	4,475'	4,487'	+2,994'

(All depths are TVD based on a graded ground level of 7,469')

### 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.

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Huber-Frandsen/Federal 4-15  
660' FNL & 450' FWL  
Sec. 15, 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>Age</u>	<u>≈Setting Depth</u>
12-1/4"	8-5/8"	24	J-55	Existing	504'
7-7/8"	5-1/2"	17	N-80	Existing	4,475'

Surface casing was circulated to surface with 395 sx Premium cement with additives. Long string was cemented with DV tool set at 3,287'. PG&E used 295 sx 50/50 Poz with additives + 275 sx 50/50 Poz with additives.

#### 5. MUD PROGRAM

No mud planned.

#### 6. DATA GATHERING

No logs or cores planned.

#### 7. DOWN HOLE CONDITIONS

Maximum anticipated bottom hole pressure is ≈1,790 psi. No abnormal pressures, temperatures, or hydrogen sulfide are expected.

#### 8. MISCELLANEOUS

Projected spud date is July 15, 2000. It will take ≈1 week to drill out the plugs and recomplete the well with 4 shots per foot.

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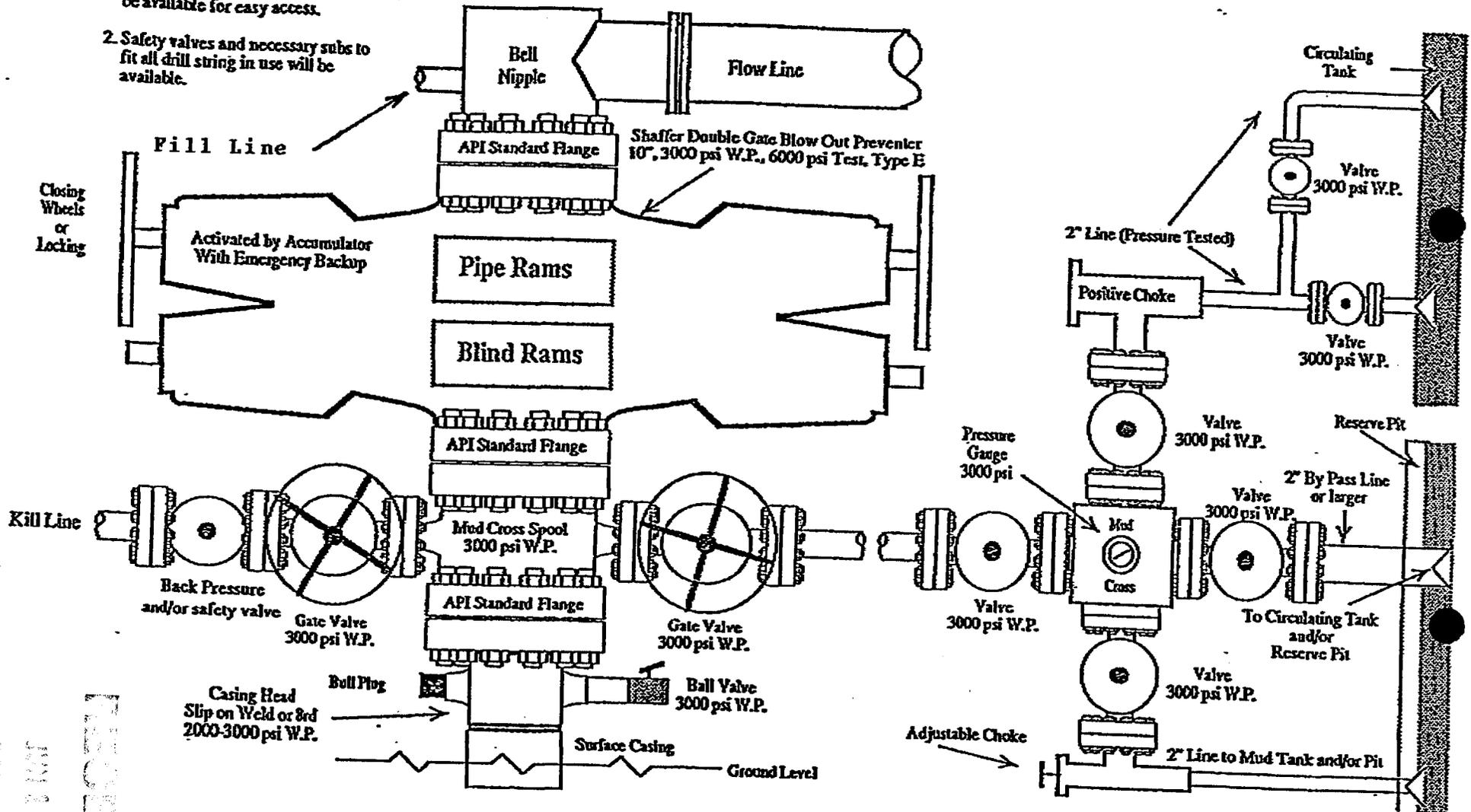
**PERMITS WEST** INC.  
PROVIDING PERMITS for LAND USERS

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.

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660' FNL & 450' FWL  
Sec. 15, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 4

## Surface Use Plan

### 1. EXISTING ROADS & DIRECTIONS (See PAGES 8 & 9)

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 1/3 mile  
Then turn left at a locked steel gate and cattleguard  
Go SW 1 mile on a gravel road from the gate  
Then turn left and go East 100 yards on a gravel road to the well site

### 2. ROAD TO BE BUILT OR UPGRADED

No new road will be built. No road will be upgraded. The last 0.35 mile of road will be graded and borrow ditches pulled.

### 3. EXISTING WELLS (See PAGE 9)

There are 5 P&A wells and 4 gas wells within a mile radius. There are no existing oil, water, injection, or disposal wells within a mile.

### 4. PROPOSED PRODUCTION FACILITIES

A dehydrator-separator, meter run, and pump may be installed on the pad. All surface equipment will be painted a flat green color. Buried electric, gas, and water lines will tie into Huber's existing utility lines on the pad.

### 5. WATER SUPPLY

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660' FNL & 450' FWL  
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Carbon County, Utah

PAGE 5

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

A 325' silt fence will be installed north of the pad. A diversion ditch will be cut south of the pad to drain east. A reserve pit will not be built. Steel mud tanks will be used. Tank contents will be hauled to other Huber reserve pits or Huber's evaporation pond in Section 15.

#### 7. WASTE DISPOSAL

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

Produced water will be piped to Huber's state approved lined ≈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 9 & 10 for depictions of the well pad, cross sections, cut and fill

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Huber-Frandsen/Federal 4-15  
660' FNL & 450' FWL  
Sec. 15, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 6

diagrams, 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.

All areas not needed for production will be recontoured to match natural contours. Disturbed areas will be ripped and/or harrowed before seeding.

All reclaimed areas will be broadcast seeded in late fall or winter with seed mix specified by the surface owner. Seeded areas will be left rough and lightly harrowed or drug with a chain after seeding.

#### 11. SURFACE OWNER

Surface owner is Melvin Frandsen. Phone: 801-756-4655. Address: 506 South 100 West, American Fork, Ut. 84003. Surface agreement negotiations are underway.

#### 12. OTHER INFORMATION

Closest hospital is a 25 minute drive south in Price. The Castleview Hospital is at 300 North Hospital Drive. Phone number is (435) 637-4800.

#### 13. REPRESENTATION & CERTIFICATION

Anyone having questions concerning the APD should contact:

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J. M. Huber Corporation  
Huber-Frandsen/Federal 4-15  
660' FNL & 450' FWL  
Sec. 15, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 7

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

The field representatives during drilling and production will be:

Tom Erwin & Mike Williams  
J. M. Huber Corporation  
33587 US Highway 160 East  
Durango, Co. 80301  
(970) 247-7708 FAX: (970) 247-7745

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

June 17, 2000

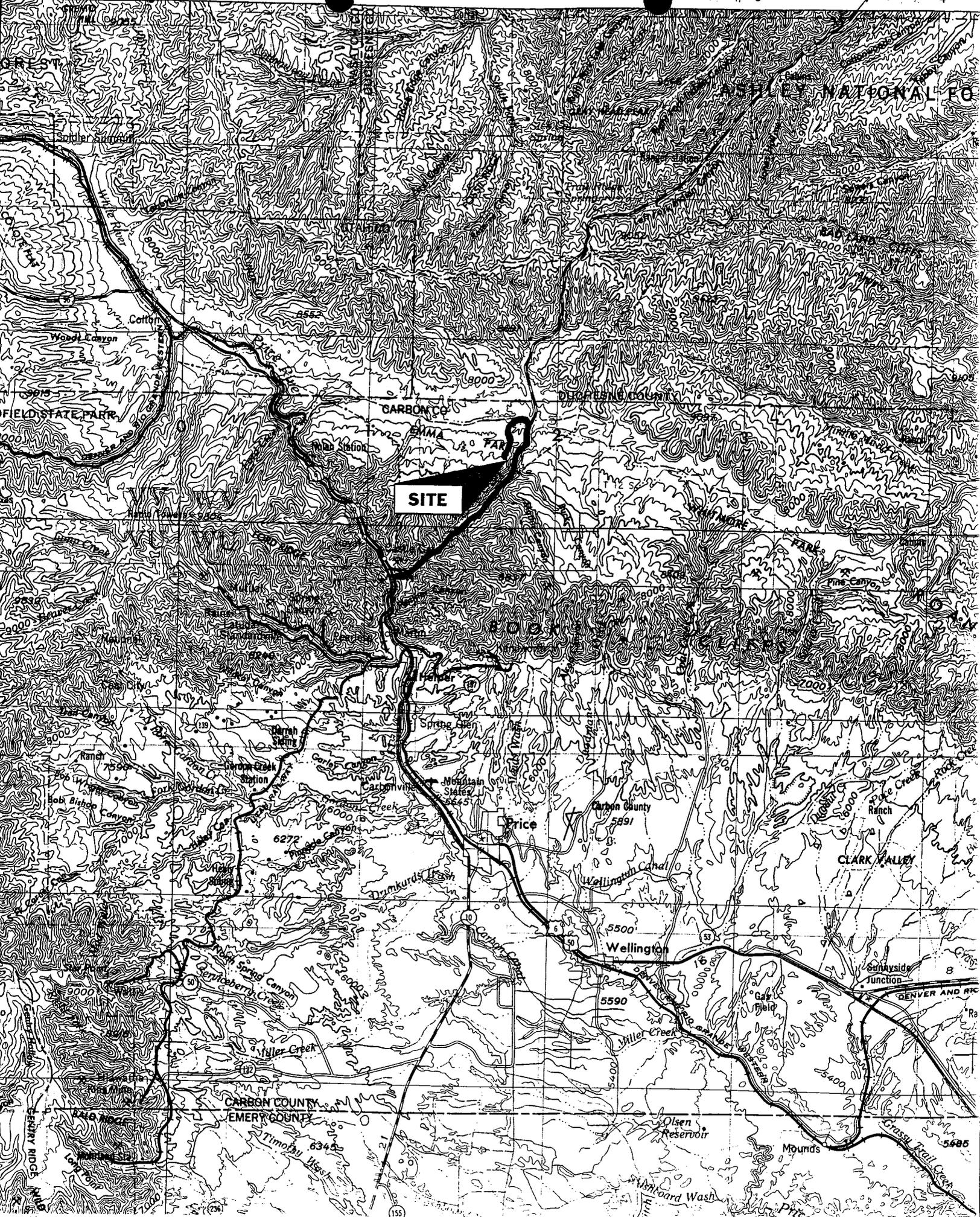
Date

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**SITE**

Price

Wellington

CARBON COUNTY  
EMERY COUNTY

CLARK VALLEY

Olsen Reservoir

DENVER AND R...

5485

6345

Timothy Wash

Whitford Wash

Mounds

Grassy Trail Creek

GENEYSIDE JUNCTION

POPE CREEK

CLARK VALLEY RANCH

WELLINGTON CANAL

CASHMIRE

MOUNTAIN STATE

CORBIN CANYON

BARRETT CREEK STATION

BOB BISHOP CANYON

7595

WOOD CANYON

COFFEE CANYON

SOLDIER CANYON

FIELD STATE PARK

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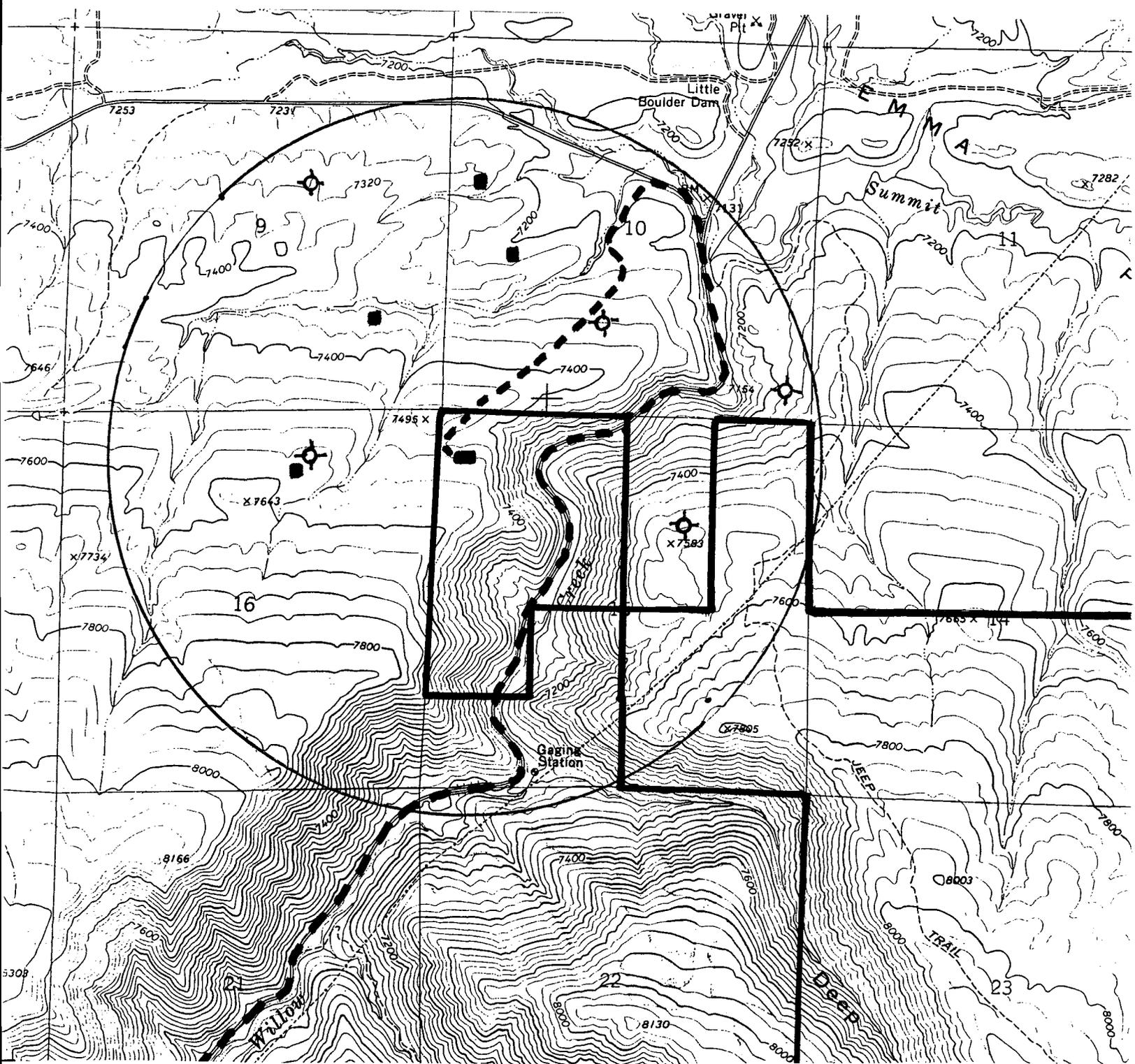
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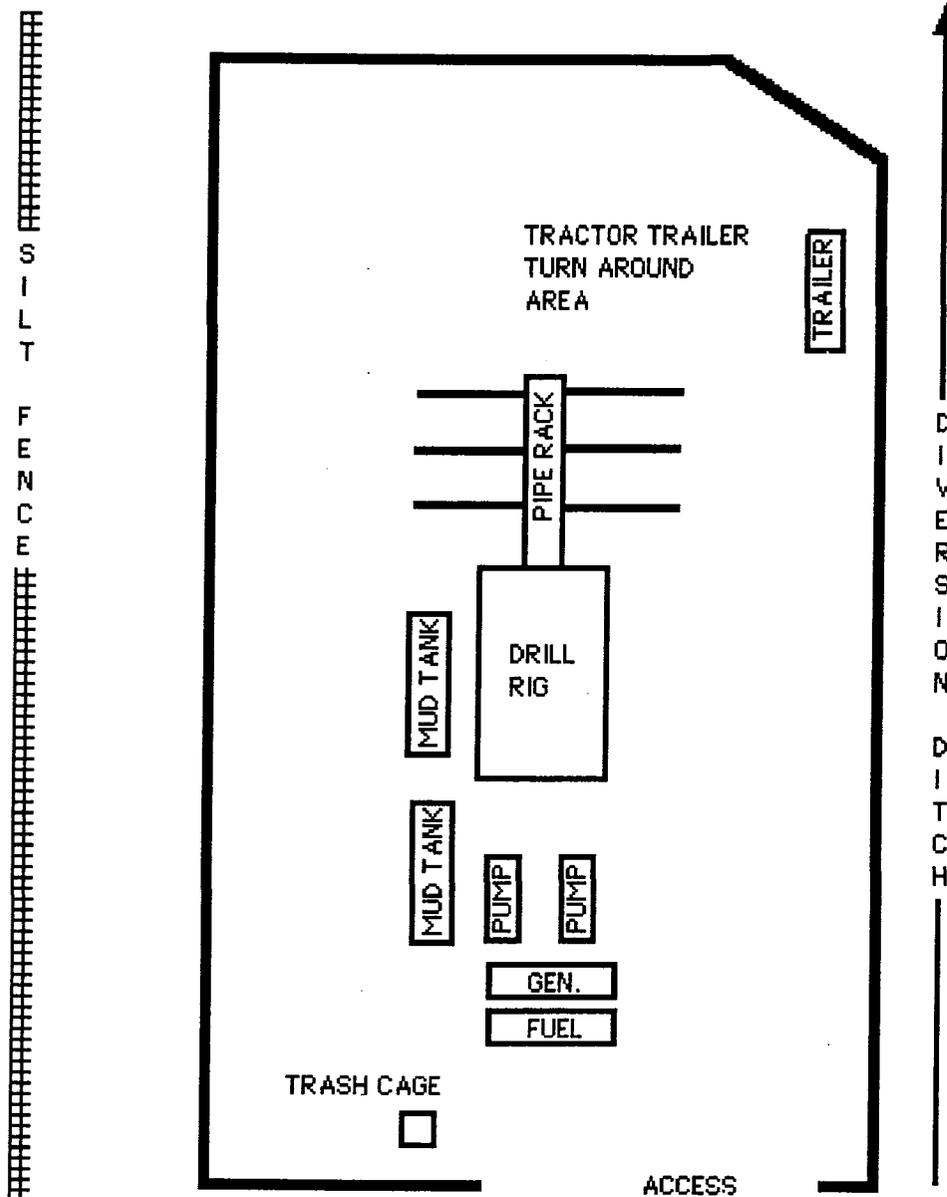
FIELD STATE PARK

J. M. Huber Corporation  
/Federal 4-15  
660' FNL & 450' FWL  
Sec. 15, T. 12 S., R. 10 E.  
Carbon County, Utah



PROPOSED WELL: ■      EXISTING WELL: ●  
P&A WELL: ⊕      EXISTING ROAD: - - -  
LEASE: ┌

J. M. Huber Corporation  
Huber-Frandsen/Federal 4-15  
660' FNL & 450' FWL  
Sec. 15, T. 12 S., R. 10 E.  
Carbon County, Utah



NORTH ← 1" = 50'

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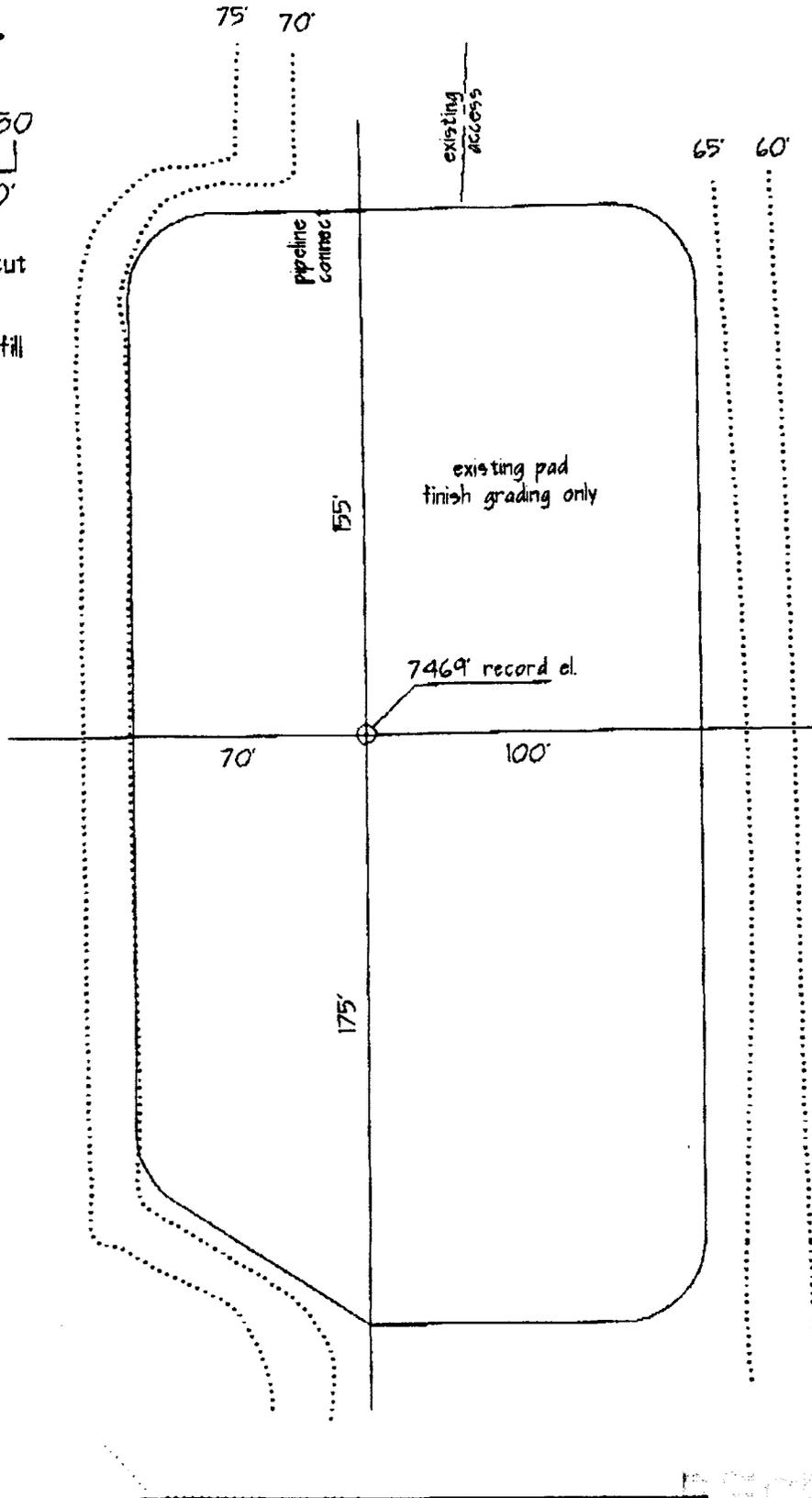
DIVISION OF  
OIL, GAS AND MINING

Huber Federal # 4 - 15  
well pad & section



0' 50'  
Scale 1" = 50'

cut  
fill



section

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DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL

DEEPEN  JUN 20 P 2:46

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

660' FNL & 450' FWL

At proposed prod. zone

Same

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

8 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)

450'

16. NO. OF ACRES IN LEASE

2,560

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

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

N/A

19. PROPOSED DEPTH

4,475'

20. ROTARY OR CABLE TOOLS

Rotary

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

7,469' graded ground

22. APPROX. DATE WORK WILL START\*

July 15, 2000

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" (J-55)	24#	504'	~191 cu ft & to surface 205 cu ft & to 8,687'
7-7/8"	5-1/2" (N-80)	17#	4,475'	

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SEP 19 2000

Will re-enter P&A well (API # 43-007-30138), drill out plugs, and re-perforate.

Request exception because of terrain (east edge of pad was trimmed to avoid steep slope) and proximity to section line (450' instead of  $\geq 460'$ ), not to a well. If productive, then will communitize NW4.

Orthodox well could be drilled at 660 FN & 460 FW 15-12s-10e, but it would require a second well bore. Request permission to drill at 660' FNL & 450' FWL 15-12s-10e. This is the only well in the quarter section. There are no producing wells within a 2,393' radius. Wells (see Page 9) could be drilled in 7 of 8 offsetting units. Huber is owner of all drilling units and leases within minimum 3,412' radius of proposed exception. This includes all 8 directly or diagonally offsetting drilling units.

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 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] CONSULTANT (505) 466-8120 DATE 6-17-00

(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 C. STRINGER

Assistant Field Manager,  
Division of Resources

SEP 12 2000

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

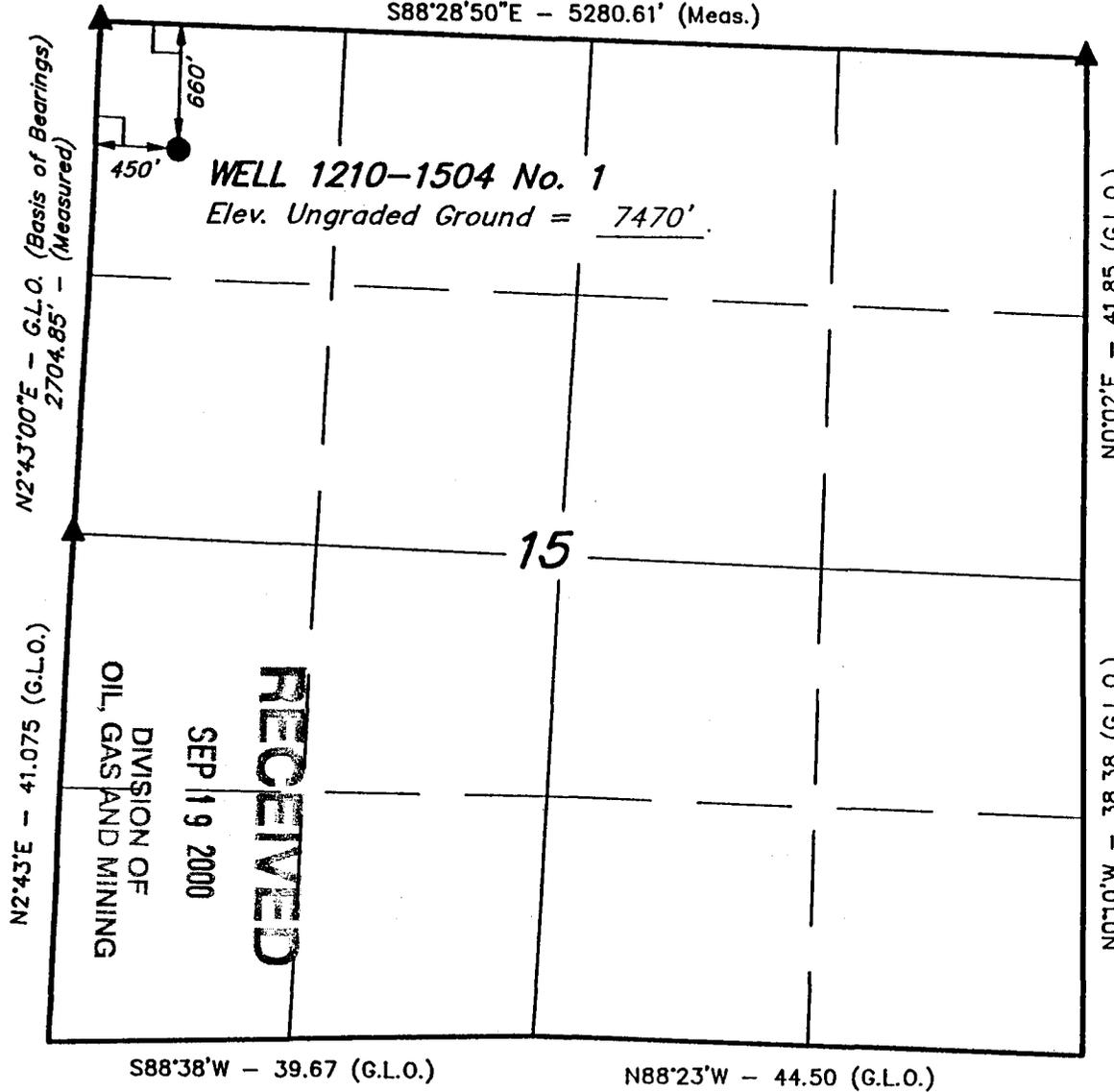
\*See Instructions On Reverse Side

**COCKRELL OIL CORP.**

Well location, WELL 1210-1504, No. 1 located as shown in the NW 1/4 NW 1/4 of Section 15, T12S, R10E, S.L.B.&M. Carbon County, Utah.

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

S88°28'50"E - 5280.61' (Meas.)



**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. Gray*  
 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 L.D.T. G.T. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE COCKRELL OIL CORP.

▲ = SECTION CORNERS LOCATED. (Brass Caps)

**RECEIVED**  
 SEP 19 2000  
 DIVISION OF  
 OIL, GAS AND MINING

J.M. Huber Corporation  
Huber-Frandsen/Federal 4-15  
Lease U-65949  
NW/NW Section 15 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 2001

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

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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

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 reconversion 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

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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

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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

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 between

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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.

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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

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### 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.

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.

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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

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**J.M. Huber Corporation**

33587 U.S. Hwy. 160 East  
Durango, CO 81301  
phone: (970) 247-7708  
fax: (970) 247-7745  
e-mail: dutme@huber.com  
www.huber.com

July 16, 2001

Mr. Gil Hunt  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
P. O. Box 145801  
Salt Lake City, UT 84114-5801

Re: Frandsen Surface Use Agreement  
Carbon County, Utah

Dear Mr. Hunt:

J. M. Huber Corporation hereby notifies the State of Utah pursuant to the Oil and Gas Conservation General Rules (R649-3-34-16) that Huber has not been able to secure a Surface Use Agreement with Mrs. Frandsen. An affidavit has been prepared for your records and is attached. Three different requests have been evaluated over the last 12 months for the benefit of Mrs. Frandsen. The monetary consideration has repeatedly exceeded the consideration paid to surrounding landowners for a similar use of their land. The three options evaluated are as follows:

1. J. M. Huber Corporation attempted to obtain a right-of-way for Mr. Frandsen's use across the Jensen lands. We approached the Jensen family on behalf of Mrs. Frandsen. The Jensen family refused to grant an easement.
2. J. M. Huber Corporation evaluated building a road from the proposed Federal #4 - 15 well across Mrs. Frandsen's land and down a steep hillside onto U. S. Highway 191. The steep slopes make the project almost impossible with a poor prognosis for long-term viability. The costs of such a large project exceeds the consideration paid to other landowners in the area.
3. J. M. Huber Corporation evaluated drilling a water well on Mrs. Frandsen's land. Unfortunately, the anticipated depth to reasonably expect water far exceeded the consideration paid to surrounding landowners for the similar use of their land.

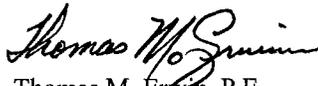
J. M. Huber Corporation made one last effort on June 30, 2001 sending a typical Surface Use Agreement for Mrs. Frandsen's signature indicating a July 10<sup>th</sup> deadline. The surface use agreement is attached for your perusal. It was our intention to secure a surface use agreement

Mr. Gil Hunt  
July 16, 2001  
Page Two

prior to July 10, 2001 such that further action by the State of Utah - Division of Oil, Gas and Mining would not be necessary. However, a signed surface use agreement has not been secured.

It is my understanding that the State of Utah Application for Permit to Drill (APD) was submitted last year on June 17, 2000. In addition, Utah Federal Lease USA UTU-65949 expires on August 28, 2001. Your expeditious approval of our previously submitted APD would be appreciated. It is our intention to drill, complete and produce the well prior to the August 28, 2001 deadline. Please feel free to call (970-247-7708) if I can be of any further help in resolving this matter.

Very Truly Yours,  
**J. M. HUBER CORPORATION**



Thomas M. Erwin, P.E.  
Southern Rockies - Operations Manager

cc: Mr. J. Scott Zimmerman - J. M. Huber Corporation

**AFFIDAVIT OF NOTIFICATION  
REGARDING SURFACE USE AGREEMENT**

**State:** Utah

**County:** Carbon County

**Affiant:** Thomas M. Erwin

**Affiant's Address:** J. M. Huber Corporation  
33587 U. S. Highway 160 East  
Durango, CO 81301

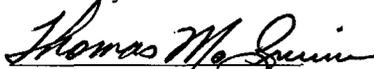
**Date of Execution:** July 16, 2001

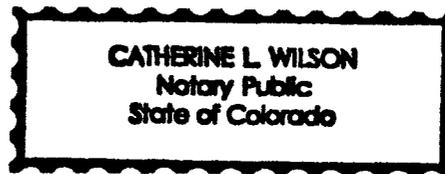
Affiant on oath swears that the following statements are true:

My name is Thomas M. Erwin – Southern Rockies Operations Manager for J. M. Huber Corporation. I hereby certify that I, or persons under my direct supervision, have attempted to secure a Surface Use Agreement with Mrs. Mary C. Frandsen over the last 12 months covering the following lands:

Township 12 South, Range 10 East, S.L.B.M.  
Section 15: E/2NE/4  
Carbon County, Utah

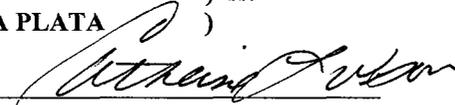
I am familiar with the conditions which currently exist; that the statements made in our letter to the State of Utah – Division of Oil, Gas and Mining dated July 16, 2001 are to the best of my knowledge, true and correct. This Affidavit is made for the purpose of giving notice to the State of Utah – Oil, Gas and Mining Division that J. M. Huber Corporation has not been successful in securing a Surface Use Agreement with Mrs. Mary C. Frandsen.

  
Thomas M. Erwin, P.E.  
Southern Rockies Operations Manager



AFFIDAVIT WAS SUBSCRIBED AND SWORN TO before me on the 17 day of July, 2001.

STATE OF COLORADO            )  
  ) ss.  
COUNTY OF LA PLATA        )

Notary Public:  My Commission Expires: 11/02/04



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33587 U.S. Hwy. 160 East  
Durango, CO 81301  
phone: (970) 247-7708  
fax: (970) 247-7745  
e-mail: dutme@huber.com  
www.huber.com

August 16, 2001

Mr. John Baza  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
P. O. Box 145801  
Salt Lake City, UT 84114-5801

Re: Frandsen Surface Use Agreement  
Carbon County, Utah  
*Huber-Frandsen 4-15*

Dear Mr. Hunt:

Please be advised that J.M. Huber Corporation (Huber) has been unable to reach a surface use agreement with Mrs. Mary C. Frandsen, Trustee. Huber again submitted a surface use agreement to Mr. Mel Frandsen following our meeting in your office last Thursday, August 9, 2001. Huber redrafted the proposed Access, Surface Damage and Use Agreement in order to accommodate all changes requested by Mr. Mel Frandsen. Mr. Mel Frandsen verbally rejected our proposal primarily due to inadequate monetary compensation and followed up with a facsimile. Huber has decided not to pay excessive compensation in fairness to the other surface owners that have already signed surface use agreements. Mr. Frandsen's last correspondence via facsimile indicated a rental payment of \$4,750 per year for less than 5-1/2 acres of disturbed land. It is believed that land for purchase is only running between \$400 and \$700 per acre.

It is my understanding that the State of Utah Application for Permit to Drill (APD) was submitted last year on June 17, 2000. In addition, Utah Federal Lease USA UTU-65949 expires on August 28, 2001. Your expeditious approval of our previously submitted APD would be appreciated. It is our intention to re-complete and produce the well prior to the August 28, 2001 deadline. Please feel free to call (970-247-7708) if I can be of any further help in resolving this matter.

Very Truly Yours,  
**J. M. HUBER CORPORATION**

  
Thomas M. Erym, P.E.

Southern Rockies - Operations Manager

cc: Mr. J. Scott Zimmerman - J. M. Huber Corporation

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**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: / /

API NO. ASSIGNED: 43-007-30138

WELL NAME: HUBER-FRANDSEN 4-15  
 OPERATOR: J M HUBER CORPORATION ( N2380 )  
 CONTACT: BRIAN WOOD, AGENT

PHONE NUMBER: 505-466-8120

PROPOSED LOCATION:

NWNW 15 120S 100E  
 SURFACE: 0660 FNL 0450 FWL  
 BOTTOM: 0660 FNL 0450 FWL  
 CARBON  
 CASTLEGATE ( 13 )

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

LEASE TYPE: 1-Federal  
 LEASE NUMBER: UTU-65949  
 SURFACE OWNER: 4-Fee

PROPOSED FORMATION: BLKHK

RECEIVED AND/OR REVIEWED:

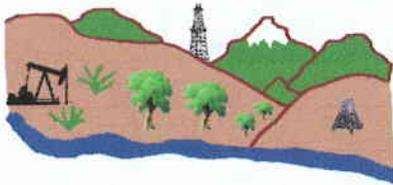
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. ES 0071 )
- Potash (Y/N)
- Oil Shale (Y/N) \*190 - 5 (B)
- Water Permit  
(No. 91-4983 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3. Unit \_\_\_\_\_
- R649-3-2. General
- Siting: \_\_\_\_\_
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 220-2 (160')  
Eff Date: 7-9-93  
Siting: 460' fr. Dir. Unit boundary & 925' between wells.
- R649-3-11. Directional Drill

COMMENTS: Need Presite. (New presite not necessary; surface owner waived.)  
Blm app. 9-12-2000  
DOGm meeting with operator E. Melvin Frandsen 8-9-01, surf.  
agreement forth coming. (8/23/01 unable to agree on surf.)

STIPULATIONS: ① STATEMENT OF BASIS



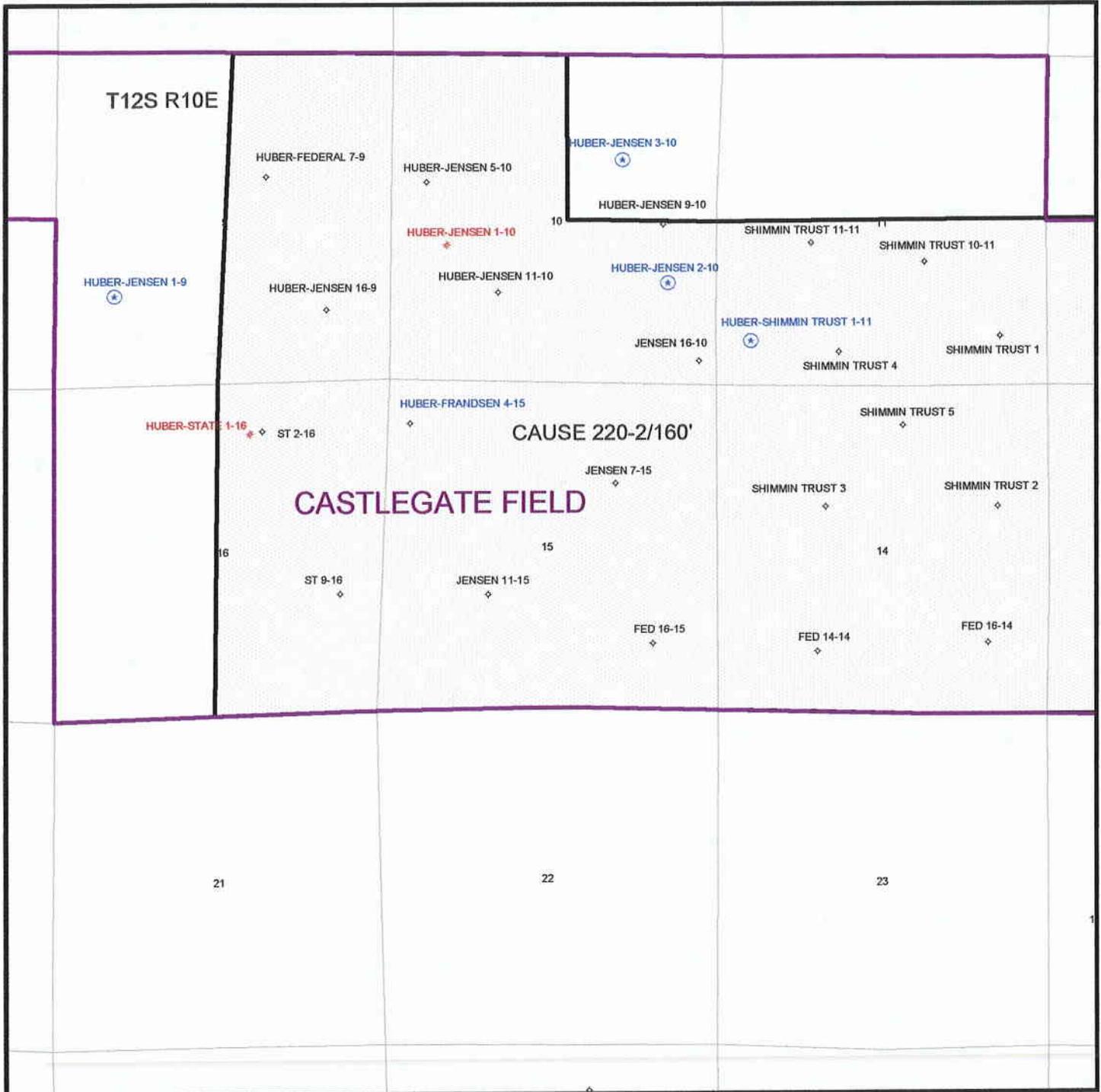
Utah Oil Gas and Mining

OPERATOR: JM HUBER CORP (N2380)

FIELD: CASTLEGATE (013)

SEC. 15, T12S, R10E,

COUNTY: CARBON CAUSE NO: 220-2/160'



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

Operator Name: J. M. Huber  
Name & Number: Huber-Franzden #4-15  
API Number: 43-007-30138  
Location: 1/4, 1/4 NW NW Sec. 15 T. 12 S R. 10 E County Carbon

**Geology/Ground Water:**

The setting depth of the surface casing is 504' 8 5/8 24#, cemented back to surface with 370 sx of premium class G cement. There are 62 points of diversion within 1 mile of this location, which were developed by several parties, with priority dates back to 1860, some of these filings are municipal. Most of the filings are on wells some of which are completed in the Blackhawk Coal, the intended production zone in this well. A search made of the records at water rights showed that no water from active water wells is being produced from below 385'. The current 504' of surface casing will cover these zones. The several springs and diversions along Willow Creek may not active, but will be protected by the surface casing and the cement at the bottom of the long string. Produced water will be disposed of at an approved disposal facility.

Reviewer: K. Michael Hebertson Date: 28/June/2000

**Surface:**

The surface owner has been invited to attend a pre-site evaluation for this location, and has declined the invitation. Overall he was not happy with the operators proposal. The surface owner has been made aware of the winter range and habitat concerns expressed by DWR. The surface owner has requested, by written notice that he is not happy with the lack of negotiations to access his land and requested a face of face with the operator to solve his major issues. That meeting took place at DOGM on August 9, 2001. This location is already built since it is a re-entry of an existing well, and a full review of the undisturbed location is already in the file. The surface owner is also concerned about a domestic Elk operation on part of the property which may a locked gate and proper locks.

Reviewer: K. Michael Hebertson Date: 9 /August /2001

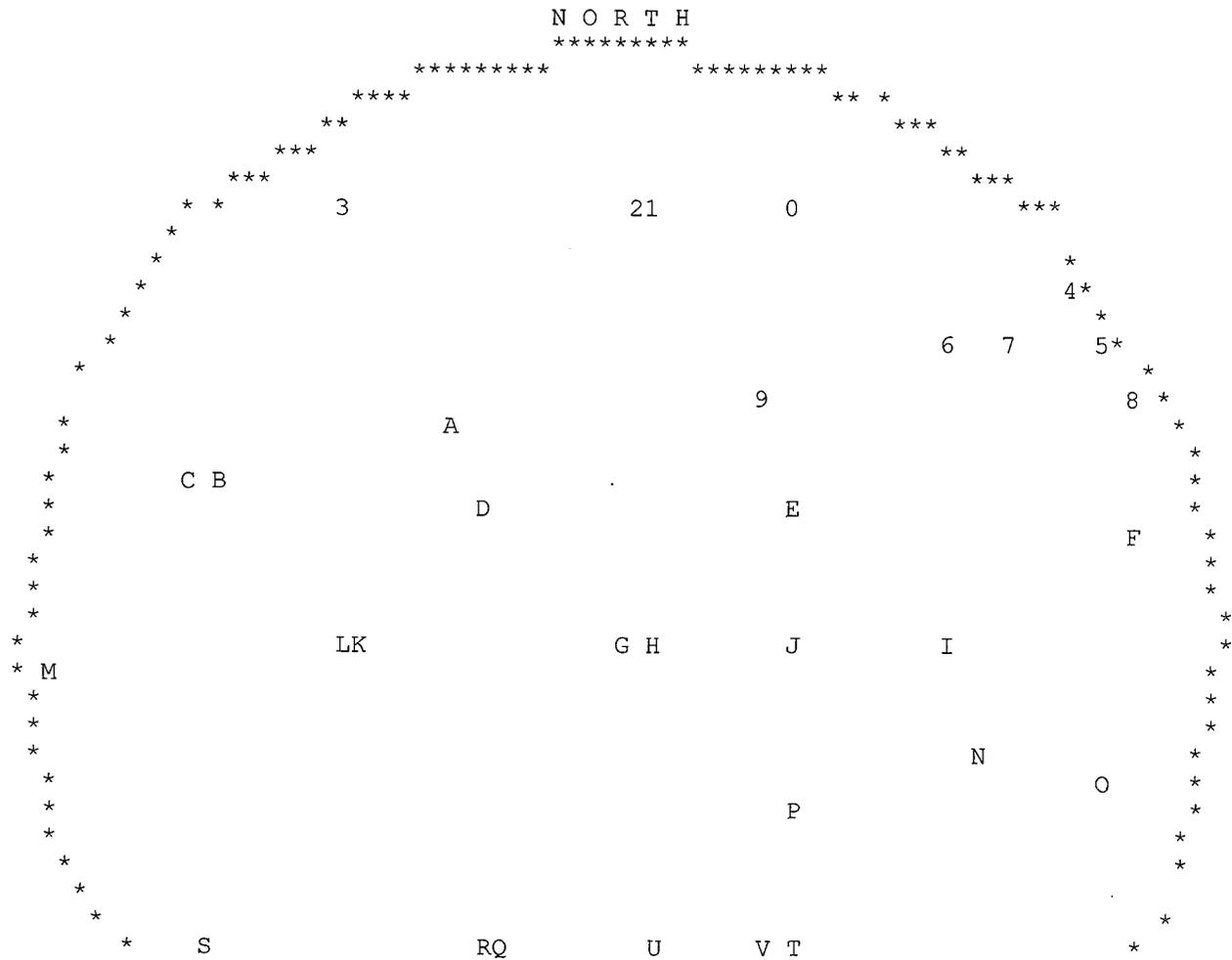
**Conditions of Approval/Application for Permit to Drill:**

- 1. No earthen pit lined or unlined is approved for this location.**
- 2. Erosion and degradation of the location since its last use will be repaired before operations begin. This includes erosion to the existing cut and fill areas.**
- 3. Existing culverts will be cleaned out and maintained regularly.**
- 4. It is understood that existing pipelines and utilities will be used and that new construction is not required.**

UTAH DIVISION OF WATER RIGHTS  
WATER RIGHT POINT OF DIVERSION PLOT CREATED WED, JUN 28, 2000, 8:39 AM  
PLOT SHOWS LOCATION OF 62 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT  
S 660 FEET, E 450 FEET OF THE NW CORNER,  
SECTION 15 TOWNSHIP 12S RANGE 10E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 2000 FEET



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UTAH DIVISION OF WATER RIGHTS  
 NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER DEPTH YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH EAST CNR SEC TWN RNG B&M	U A N P N P
0	91 1334	.0110	.00	Unnamed Spring		
	WATER USE(S):					
	Moynier, Lea			284 North Carbon Ave.		PRIORITY DATE: 00/00/1860 Price UT 84
0	91 4823	10.0000	.00	Underground Wells	S 2000 E 1900 NW 10 12S 10E SL X	
	WATER USE(S): MUNICIPAL					
	Price River Water Improvement District			P.O. Box 903		PRIORITY DATE: 04/23/1992 Price UT 84
1	91 1261	.0110	.00	Unnamed Spring		
	WATER USE(S):					
	Moynier, Pierre (Jr.)			748 North 400 East		PRIORITY DATE: 00/00/1860 Price UT 84
2	91 4830	2.0000	.00	6 3800 - 5000	S 2065 E 570 NW 10 12S 10E SL X	
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER					
	PG&E Resources Company			6688 No. Central Expressway		PRIORITY DATE: 08/26/1992 Dallas TX 75
2	91 4983	.1600	.00	5 4829	S 2065 E 570 NW 10 12S 10E SL X	
	WATER USE(S): IRRIGATION OTHER					
	Anadarko Petroleum Corporation			9400 North Broadway		PRIORITY DATE: 04/30/1996 Oklahoma City OK 73
3	91 4823	10.0000	.00	Underground Wells	S 2000 W 2050 NE 9 12S 10E SL X	
	WATER USE(S): MUNICIPAL					PRIORITY DATE: 04/23/1992

	Price River Water Improvement District	P.O. Box 903								Price	UT 84
3	<u>91 4830</u>	2.0000	.00	6	3800 - 5000	S	2019	W	2038	NE 9 12S 10E SL X	
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER										
	PG&E Resources Company 6688 No. Central Expressway Dallas TX 75										
3	<u>91 4983</u>	.1600	.00	5	4878	S	2019	W	2038	NE 9 12S 10E SL X	
	WATER USE(S): IRRIGATION OTHER										
	Anadarko Petroleum Corporation 9400 North Broadway Oklahoma City OK 73										
4	<u>91 4830</u>	2.0000	.00	6	3800 - 5000	N	2559	W	909	SE 10 12S 10E SL X	
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER										
	PG&E Resources Company 6688 No. Central Expressway Dallas TX 75										
4	<u>91 4983</u>	.1600	.00	7	4840	N	2559	W	909	SE 10 12S 10E SL X	
	WATER USE(S): IRRIGATION OTHER										
	Anadarko Petroleum Corporation 9400 North Broadway Oklahoma City OK 73										
5	<u>91 1257</u>	.0000	.00		Summit Creek						
	WATER USE(S):										
	Moynier, Pierre (Jr.) 748 North 400 East Price UT 84										
5	<u>91 1260</u>	.0000	.00		Willow Creek						
	WATER USE(S):										
	Moynier, Lea 284 North Carbon Ave. Price UT 84										
6	<u>91 1257</u>	.0000	.00		Summit Creek						
	WATER USE(S):										
	Moynier, Pierre (Jr.) 748 North 400 East Price UT 84										
7	<u>t90-91-02</u>	.0000	10.00		Summit Creek and Willow Creek	N	1900	W	1400	SE 10 12S 10E SL	
	WATER USE(S): OTHER										
	Cockrell Oil Corporation 1600 Smith Road, Suite 4600 Houston TX 77										
7	<u>t91-91-09</u>	.0000	10.00		Summit Creek and Willow Creek	N	1900	W	1400	SE 10 12S 10E SL	
	WATER USE(S): OTHER										
	Cockrell Oil Corporation 1600 Smith Road, Suite 4600 Houston TX 77										
8	<u>91 4823</u>	10.0000	.00		Underground Wells	N	1600	W	350	SE 10 12S 10E SL X	
	WATER USE(S): MUNICIPAL										
	Price River Water Improvement District P.O. Box 903 Price UT 84										
9	<u>91 4830</u>	2.0000	.00	6	3800 - 5000	N	1461	E	1735	SW 10 12S 10E SL X	
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER										
	PG&E Resources Company 6688 No. Central Expressway Dallas TX 75										
9	<u>91 4983</u>	.1600	.00	5	4561	N	1461	E	1735	SW 10 12S 10E SL X	
	WATER USE(S): IRRIGATION OTHER										
	Anadarko Petroleum Corporation 9400 North Broadway Oklahoma City OK 73										
A	<u>91 4830</u>	2.0000	.00	6	3800 - 5000	N	1198	W	1059	SE 9 12S 10E SL X	
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER										
	Priority Date: 08/26/1992										

	PG&E Resources Company			6688 No. Central Expressway				Dallas		TX 75
A	<u>91 4983</u>	.1600	.00	5	4617	N	1198	W	1059	SE 9 12S 10E SL X
	WATER USE(S): IRRIGATION OTHER									PRIORITY DATE: 04/30/1996
	Anadarko Petroleum Corporation				9400 North Broadway			Oklahoma City		OK 73
B	<u>91 4830</u>	2.0000	.00	6	3800 - 5000	N	675	E	2170	SW 9 12S 10E SL X
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER									PRIORITY DATE: 08/26/1992
	PG&E Resources Company				6688 No. Central Expressway			Dallas		TX 75
C	<u>91 1262</u>	.0110	.00		Unnamed Spring					PRIORITY DATE: 00/00/1860
	WATER USE(S):									Price
	Moynier, Pierre (Jr.)				748 North 400 East					UT 84
D	<u>91 4823</u>	10.0000	.00		Underground Wells	N	650	W	700	SE 9 12S 10E SL X
	WATER USE(S): MUNICIPAL									PRIORITY DATE: 04/23/1992
	Price River Water Improvement District				P.O. Box 903					Price
										UT 84
E	<u>91 4823</u>	10.0000	.00		Underground Wells	N	650	E	1900	SW 10 12S 10E SL X
	WATER USE(S): MUNICIPAL									PRIORITY DATE: 04/23/1992
	Price River Water Improvement District				P.O. Box 903					Price
										UT 84
F	<u>91 4830</u>	2.0000	.00	6	3800 - 5000	N	330	W	330	SE 10 12S 10E SL X
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER									PRIORITY DATE: 08/26/1992
	PG&E Resources Company				6688 No. Central Expressway			Dallas		TX 75
F	<u>91 4983</u>	.1600	.00	7	4652	N	330	W	330	SE 10 12S 10E SL X
	WATER USE(S): IRRIGATION OTHER									PRIORITY DATE: 04/30/1996
	Anadarko Petroleum Corporation				9400 North Broadway			Oklahoma City		OK 73
G	<u>91 4830</u>	2.0000	.00	6	3800 - 5000	S	660	E	450	NW 15 12S 10E SL X
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER									PRIORITY DATE: 08/26/1992
	PG&E Resources Company				6688 No. Central Expressway			Dallas		TX 75
G	<u>91 4823</u>	10.0000	.00		Underground Wells	S	700	E	500	NW 15 12S 10E SL X
	WATER USE(S): MUNICIPAL									PRIORITY DATE: 04/23/1992
	Price River Water Improvement District				P.O. Box 903					Price
										UT 84
H	<u>91 4983</u>	.1600	.00	5	4444	S	660	E	660	NW 15 12S 10E SL X
	WATER USE(S): IRRIGATION OTHER									PRIORITY DATE: 04/30/1996
	Anadarko Petroleum Corporation				9400 North Broadway			Oklahoma City		OK 73
I	<u>91 1260</u>	.0000	.00		Willow Creek					PRIORITY DATE: 00/00/1860
	WATER USE(S):									Price
	Moynier, Lea				284 North Carbon Ave.					UT 84
J	<u>91 3181</u>	.0000	.00		Willow Creek					PRIORITY DATE: 00/00/1869
	WATER USE(S):									Salt Lake City
	Security Title Company									UT
J	<u>91 3182</u>	.0000	.00		Willow Creek					PRIORITY DATE: 00/00/1869
	WATER USE(S):									



	PG&E Resources Company	6688 No. Central Expressway	Dallas	TX 75
T	91 1258 .0000 WATER USE(S): Moynier, Pierre (Jr.)	.00 Willow Creek 748 North 400 East	PRIORITY DATE: 00/00/1860 Price	UT 84
T	91 1258 .0000 WATER USE(S): Moynier, Pierre (Jr.)	.00 Willow Creek 748 North 400 East	PRIORITY DATE: 00/00/1860 Price	UT 84
U	91 3184 .0000 WATER USE(S): Security Title Company	.00 Willow Creek	PRIORITY DATE: 00/00/1869 Salt Lake City	UT
U	91 3184 .0000 WATER USE(S): Security Title Company	.00 Willow Creek	PRIORITY DATE: 00/00/1869 Salt Lake City	UT
U	91 3185 .0000 WATER USE(S): Security Title Company	.00 Willow Creek	PRIORITY DATE: 00/00/1869 Salt Lake City	UT
U	91 3185 .0000 WATER USE(S): Security Title Company	.00 Willow Creek	PRIORITY DATE: 00/00/1869 Salt Lake City	UT
V	91 4823 10.0000 WATER USE(S): MUNICIPAL Price River Water Improvement District	.00 Underground Wells P.O. Box 903	N 1900 E 1700 SW 15 12S 10E SL X PRIORITY DATE: 04/23/1992 Price	UT 84
V	91 4830 2.0000 WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER PG&E Resources Company	.00 6 3800 - 5000 6688 No. Central Expressway	N 1896 E 1709 SW 15 12S 10E SL X PRIORITY DATE: 08/26/1992 Dallas	TX 75
V	91 4983 .1600 WATER USE(S): IRRIGATION OTHER Anadarko Petroleum Corporation	.00 5 3811 9400 North Broadway	N 1896 E 1709 SW 15 12S 10E SL X PRIORITY DATE: 04/30/1996 Oklahoma City	OK 73
W	91 4830 2.0000 WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER PG&E Resources Company	.00 6 3800 - 5000 6688 No. Central Expressway	N 1091 W 1043 SE 15 12S 10E SL X PRIORITY DATE: 08/26/1992 Dallas	TX 75
W	91 4983 .1600 WATER USE(S): IRRIGATION OTHER Anadarko Petroleum Corporation	.00 5 4919 9400 North Broadway	N 1091 W 1043 SE 15 12S 10E SL X PRIORITY DATE: 04/30/1996 Oklahoma City	OK 73
X	91 3372 .0000 WATER USE(S): STOCKWATERING O'Berto, John (Trustee, et al)	.00 Willow Creek	PRIORITY DATE: 00/00/1869 Helper	UT 84
X	91 3372 .0000 WATER USE(S): STOCKWATERING	.00 Willow Creek	PRIORITY DATE: 00/00/1869	

O'Berto, John (Trustee, et al)

Helper

UT 84

Y 91 1259 .0000 .00 Willow Creek

WATER USE(S):  
Moynier, Pierre (Jr.)

748 North 400 East

PRIORITY DATE: 00/00/1860

Price UT 84

Y 91 1259 .0000 .00 Willow Creek

WATER USE(S):  
Moynier, Pierre (Jr.)

748 North 400 East

PRIORITY DATE: 00/00/1860

Price UT 84

Y 91 2486 .0000 .00 Willow Creek

WATER USE(S):  
Moynier Brothers

PRIORITY DATE: 00/00/1869

Price UT 84

Y 91 2486 .0000 .00 Willow Creek

WATER USE(S):  
Moynier Brothers

PRIORITY DATE: 00/00/1869

Price UT 84

**From:** Gil Hunt  
**To:** Brad Hill; John Baza; Michael Hebertson  
**Date:** Tuesday, August 07, 2001 7:23:42 AM  
**Subject:** Fwd: Re: Huber-Frandsen 4-15

FYI,  
The meeting will be in conf. room A.

**From:** "Tom Erwin" <dutme@huber.com>  
**To:** <nrogm.ghunt@state.ut.us>  
**Date:** Tuesday, August 07, 2001 7:11:34 AM  
**Subject:** Re: Huber-Frandsen 4-15

Gil,

I got your message from yesterday. I'll be there with Larry Sessions at 10:00. Let me know if anything changes.

Thanks,

Tom Erwin

>>> "Gil Hunt" <nrogm.ghunt@state.ut.us> 07/31/01 08:54AM >>>

Tom,

Would Huber be willing and able to send a representative to our offices on August 9, 2001, to sit around the table with Mr. Melvin Frandsen and discuss a surface use agreement for the proposed 4-15 well? Please let me know at your earliest convenience if Huber is willing, and if so, will this date work for you. Thanks.

Gil

**CC:** "Larry Sessions" <prigs.HTPO5.Houston@huber.com>

Meeting Attendance List

August 9, 2001

Huber-Frandsen 4-15 Proposed Re-entry

\*\*\*\*\*

<u>Name</u>	<u>Affiliation</u>	<u>Phone Number</u>
Gil Hunt	DOG M	801-538-5297
John Bara	DOG M	801-538-5334
MIKE HEBERTSON	DOG M	801-538-5333
TOM ERWIN	J.M. HUBER	970-247-7708
Mel Frandsen	land owner	801-314-3191 - 756-4655 mobile home

## MEMORANDUM

To: File  
From: M. Hebertson  
Date: 28 August 2001  
Re: Huber-Franzden Well 4-15 Sec. 15, Twp 12 S, R10 E, API 43-007-30138

On August 9, 2001, at 10:00 AM the Division of Oil, Gas, & Mining, Oil & Gas section held a meeting Between Mr. Mel Franzden of American Fork Utah, and J. M. Huber Corporation about reaching an agreement for the surface owned by Mr. Franzden at the above noted site.

The meeting was attended by John Baza, Gil Hunt, & Mike Hebertson of DOGM, Mel Franzden the surface owner, and Tom Erwin Regional Operations Manager of J. M. Huber Corporation.

Prior to this meeting the Bureau of Land Management had issued a Permit to Re-Enter the Huber- Franzden 4-15 well for the recovery of coal bed methane gas. Mr. Franzden was notified by Mike Hebertson of DOGM, that an approval for said operations to commence was forthcoming from the Division, and that it was the understanding of the Division that no surface use agreement could be reached between the two parties. Mr. Franzden indicated that J.M. Huber had not contacted him in over a year. On the 3 of July, he had received two letters demanding that he sign an agreement, or else Huber would drill on his land anyway.

At that time the Division acted on a written request from Mr. Franzden to call a meeting between the parties and provide an opportunity for negotiations to take place. As indicated the meeting took place on August 9, 2001, at 10:00 AM. The Division outlined the course of action we were required to take, and that if an agreement could not be reached, the Division was obligated by law to process the application to drill, and if all other Division requirements were met, that the well would be drilled. The parties were left to work out their agreement, and the meeting concluded about 11:30 AM.

To date no agreement has been reached. The well was permitted, by the Division, on August 23, 2001. Mr. Franzden called the Division on August 28, 2001, to express his displeasure at being put into a weakened position by personnel at the Division, and asked what recourse he had. He was told, by Mike Hebertson, that the Division had no further power to intervene.



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)

August 23, 2001

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

Re: Huber-Frandsen Federal 4-15 Well, 660' FNL, 450' FWL, NW NW, Sec. 15, 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-007-30138.

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-Frandsen Federal 4-15  
API Number: 43-007-30138  
Lease: UTU 65949

Location: NW NW      Sec. 15      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

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 Rule R649-3-34(9), the Division of Oil, Gas and Mining shall establish minimum wellsite restoration requirements for this well. Prior to plugging and abandonment of this well, the operator shall notify the Division and allow the Division to establish such minimum wellsite restoration requirements in advance of the operator commencing plugging and abandonment operations.

TRANSACTION REPORT

P.01

AUG-23-2001 THU 03:28 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
AUG-23	03:27 PM	15054669682	1' 42"	3	SEND	OK	981	
TOTAL :						1M 42S	PAGES:	3



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

*\* No Surf. Agreement*

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)

UTAH DIVISION OF OIL, GAS AND MINING  
 FACSIMILE COVER SHEET

DATE: 8-23-01

FAX #: (505) 466-9682

ATTN: Brian Wood

COMPANY: Permits West Inc.

DEPARTMENT: \_\_\_\_\_

NUMBER OF PAGES: (INCLUDING THIS ONE) 3

FROM: Lisha Anderson

If you do not receive all of the pages, or if they are illegible, please call (801)538-5340.

## MEMORANDUM

To: File  
From: M. Hebertson  
Date: 28 August 2001  
Re: Huber-Franzden Well 4-15 Sec. 15, Twp 12 S, R10 E, API 43-007-30138

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**To:** Brad Hill; John Baza; Michael Hebertson  
**Date:** Tuesday, August 07, 2001 7:23:42 AM  
**Subject:** Fwd: Re: Huber-Frandsen 4-15

FYI,  
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**From:** "Tom Erwin" <dutme@huber.com>  
**To:** <nrogm.ghunt@state.ut.us>  
**Date:** Tuesday, August 07, 2001 7:11:34 AM  
**Subject:** Re: Huber-Frandsen 4-15

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Tom Erwin

>>> "Gil Hunt" <nrogm.ghunt@state.ut.us> 07/31/01 08:54AM >>>

Tom,

Would Huber be willing and able to send a representative to our offices on August 9, 2001, to sit around the table with Mr. Melvin Frandsen and discuss a surface use agreement for the proposed 4-15 well? Please let me know at your earliest convenience if Huber is willing, and if so, will this date work for you. Thanks.

Gil

**CC:** "Larry Sessions" <prlgs.HTPO5.Houston@huber.com>

8/9/2001

Meeting w/ Mel Frandsen; re: Huber-Frandsen Fed. 4-15

Mel Frandsen, landowner

Tom Erwin, operations manager for Huber

1. Mr. Frandsen is upset about Huber's efforts to force a surface use agreement upon him w/o good faith negotiation.
2. I explained the process of APD approval to the parties - Mr. Frandsen did ~~not~~ care for the allowance offered by rule that Huber can proceed without a surface agreement.
3. We left the parties to work out the specifics of an agreement.

-Huber (Mr. Erwin) thinks that they did attempt negotiation w/ Mr. Frandsen. Because there was no information presented by Huber, DOGM questioned the validity of the affidavit on file based on Mr. Frandsen's letter of July 27<sup>th</sup>. This meeting is to allow the parties to address each other directly.

- Huber has commingled the surface use agreement for this well with a right-of-access agreement for another location.

Meeting Attendance List

August 9, 2001

Huber-Frandsen 4-15 Proposed Re-entry

\*\*\*\*\*

<u>Name</u>	<u>Affiliation</u>	<u>Phone Number</u>
Gil Hunt	DOGM	801-538-5297
John Bora	DOGM	801-538-5334
MIKE HEBERTSON	DOGM	801-538-5333
TOM ERWIN	J.M. HUBER	970-247-7708
Mel Frandsen	land owner	801-319-3191 - 756-4655

July 27, 2001

TO: State of Utah  
Dept of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Box 145801, Suite 1210  
Salt Lake City, UT 84114-5801

ATTN: John Baza

SUBJECT: Huber Oil, land use agreement

I would like your office to arrange a meeting with Huber Oil and me and my representative in order to negotiate an agreement for land use.

I have never had the opportunity to discuss an agreement with them. I have the feeling they are pressuring me into signing an agreement on their terms without any discussion.

I will be out of town until Aug 6<sup>th</sup> but will meet at their convenience any time after that with a few days notice.

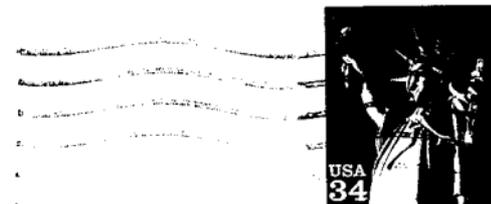
I want to thank your office for your interest in seeing that we do have an agreement in place.

Thanks,



Melvin V. Frandsen

Melvin Frandsen  
506 So 100 West  
American Fork, UT 84003



STATE OF UTAH  
Division of Oil, Gas and Mining  
1594 West North Temple, Box 145801  
Salt Lake City, UT 84114-5801

*J. Baza*

84116X3134 10



# PERMITS WEST, INC.

PROVIDING PERMITS for LAND USERS

37 Verano Loop, Santa Fe, New Mexico 87508

(505) 466-8120

September 7, 2002

Diana Mason  
Utah Div. of Oil, Gas, & Mining  
P. O. Box 145801  
Salt Lake City, Ut. 84114-5801

Dear Diana,

J. M. Huber Corporation wishes to renew for one year the following APDs:

~~Huber-Frandsen/Federal 4-15 (API 43-007-30138)~~

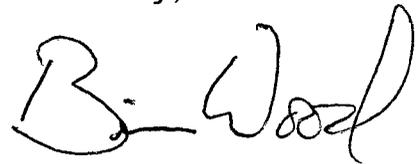
Huber-Jensen/Federal 1-3 (API 43-007-30732)

Huber-Jensen 1-18 (API 43-007-30718)

T125 R10E SEC15  
(Re-Enter)

Please call me if you have any questions.

Sincerely,

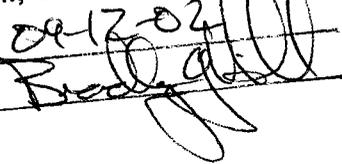


Brian Wood

cc: Erwin  
Sessions  
S. Zimmerman

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date:

09-17-02  


By:

COPY SENT TO OPERATOR  
Date: 9-17-02  
Initials: EWS

RECEIVED

SEP 10 2002

DIVISION OF  
OIL, GAS AND MINING

# PERMITS WEST, INC.

PROVIDING PERMITS for LAND USERS

37 Verano Loop, Santa Fe, New Mexico 87508

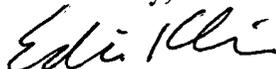
(505) 466-8120

11/13/03

Diana:

Here are the second pages for the sundry notices I sent to you and also the sundry notice for the Huber-Frandsen 4-15. If you have any questions or need me to send anything else, please give me a call or email me at [edie@permitswest.com](mailto:edie@permitswest.com).

Sincerely,



Edie Klein

RECEIVED  
NOV 17 2003  
DIV. OF OIL, GAS & MINING

**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: <b>UTU-65949</b>
2. NAME OF OPERATOR: <b>J. M. Huber Corporation</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>
3. ADDRESS OF OPERATOR: <b>1050 17th St, Ste. 700 Denver, CO 80265</b>		7. UNIT or CA AGREEMENT NAME: <b>N/A</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>660' FNL &amp; 450' FNL</b>		8. WELL NAME and NUMBER: <b>Huber-FRAND./FED 4-15</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>15, T. 12 S, R. 10 E</b>		9. API NUMBER: <b>43-007-30138</b>
		10. FIELD AND POOL, OR WILDCAT: <b>Castlegate</b>
		COUNTY: <b>Carbon</b>
		STATE: <b>Utah</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> 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: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Request APD approval be extended one year.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**  
Date: 11-17-03  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 11-18-03  
Initials: [Signature]

NAME (PLEASE PRINT) <u>Edie Klein (505)466-8120</u>	TITLE <u>Consultant Fax: (505) 466-9682</u>
SIGNATURE <u>[Signature]</u>	DATE <u>11/13/03</u>

(This space for State use only)

**RECEIVED**  
**NOV 17 2003**

DIV. OF OIL, GAS & MINING

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

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

**API:** 43-007-30138

**Well Name:**

**Location:**

**Company Permit Issued to:**

**Date Original Permit Issued:**

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

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

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

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

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

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

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

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

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

Edi Idris  
Signature

11/4/2003  
Date

Title: Consultant

Representing: Permits West, Inc.

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NOV 17 2003  
DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Moab Field Office  
82 East Dogwood  
Moab, Utah 84532



3160  
UTU65949  
(UT-062)

J.M. Huber Corporation  
1050 17<sup>th</sup> Street, Suite 700  
Denver, Colorado 80265

NOV 17 2003

Re: Extension Request  
Well No. Huber-Frandsen Federal 4-15  
NWNW Sec. 15, T. 12 S., R. 10 E.  
Lease UTU65949  
Carbon County, Utah

Gentlemen:

We have received your sundry notice requesting a one year extension to the permit expiration date for the above referenced Application for Permit to Drill. Any request for permit extension must be submitted for approval prior to the date of expiration. The approval period for this permit expired on September 12, 2001. We are, therefore, unable to grant your request.

In order to drill at this location a new application must be submitted for approval. If you have any questions or wish to discuss this matter, please contact Marie McGann at 435-259-2135.

Sincerely,

**/s/ Daryl A. Trotter**

Acting Assistant Field Manager  
Division of Resources

Enclosure

Unapproved Sundry Notice (1p)

cc: UT-070, DStephens (w/Enclosure)  
Diana Mason, State of Utah, DOGM (wo/Enclosure)  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114  
Permits West, Inc. (wo/Enclosure)  
37 Verano Loop  
Santa Fe, New Mexico 87508

MMcGann:mm:11/17/03

RECEIVED  
NOV 20 2003  
DIV. OF OIL, GAS & MINING



State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

MICHAEL O. LEAVITT  
*Governor*

OLENE S. WALKER  
*Lieutenant Governor*

March 12, 2004

Brian Wood  
J.M. Huber Corporation  
1050-17<sup>th</sup> St, Suite 700  
Denver, CO 80265

Re: APD Rescinded–Huber-Frandsen Federal 4-15, Sec. 15, T. 12S, R. 10E  
Carbon County, Utah API No. 43-007-30138

Dear Mr. Wood:

On November 17, 2003 the Division received a letter from the Bureau of Land Management (BLM), which states that the permit filed with the BLM was being returned. Therefore, approval to drill the well is hereby rescinded, effective November 17, 2003.

The Division has received a new APD dated March 4, 2004 for this well and will be processed as soon as possible.

Sincerely,

  
Diana Whitney  
Engineering Technician

cc: Well File  
Bureau of Land Management, Moab

UNITED STATES  
DEPARTMENT OF THE INTERIOR RECEIVED  
BUREAU OF LAND MANAGEMENT MOAB FIELD OFFICE

APPLICATION FOR PERMIT TO DRILL OR REENTER

2004 MAR - 5 A 9:18

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>UTU-65949</b>	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name <b>N/A</b>	
2. Name of Operator <b>EVERGREEN OPERATING CORPORATION</b>		7. If Unit or CA Agreement, Name and No. <b>N/A</b>	
3a. Address <b>1401 17TH ST., Suite 1200 DENVER, CO 80202</b>		8. Lease Name and Well No. <b>HUBER-FRANSEN/FEDERAL 4-15</b>	
3b. Phone No. (include area code) <b>(303) 298-8100</b>		9. API Well No. <b>43-007-30138</b>	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>660' FNL &amp; 450' FWL</b> At proposed prod. zone <b>SAME</b>		10. Field and Pool, or Exploratory <b>CASTLEGATE</b>	
14. Distance in miles and direction from nearest town or post office* <b>8 AIR MILES NNE OF HELPER</b>		11. Sec., T., R., M., or Blk. and Survey or Area <b>15-12s-10e SLB&amp;M</b>	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>450'</b>	16. No. of Acres in lease <b>2,560</b>	17. Spacing Unit dedicated to this well <b>NW4 (160 AC.)</b>	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>3,739'</b>	19. Proposed Depth <b>4,475'</b>	20. BLM/BIA Bond No. on file <b>RLB0006705</b>	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>7,469' GL</b>	22. Approximate date work will start* <b>UPON APPROVAL</b>	23. Estimated duration <b>1 WEEK</b>	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

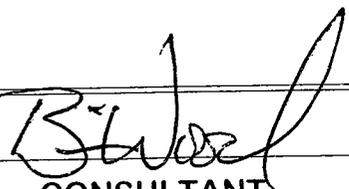
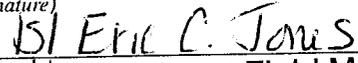
- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

Comments Previously approved APD expired before Huber started construction. Evergreen is now operator. No changes in proposal.

Request exception because of topography and presence of existing well bore. Exception is to section line (450' instead of 460' or more), not to a well. Orthodox location would be closer to steep slope and require more fill. Southeast corner of pad has been trimmed.

Orthodox well could be drilled at 660 FNL & 460 FWL 15-12s-10e, but it would require a second well bore. Request permission to drill at 660 FNL & 450 FWL 15-12s-10e. This is the only well in the quarter section. Closest producing well is Evergreen's Huber-Jensen 16-9 which is 2,393' northwest. Wells (see PAGE 9) could be drilled in 4 of the 8 offset quarter section units. All 4 would be on Evergreen leases. The other 4 offset quarter section units are held by existing Evergreen gas wells.

RECEIVED  
JUL 15 2004

25. Signature 	Name (Printed/Typed) <b>BRIAN WOOD</b>	Date <b>3-1-04</b>
Title <b>CONSULTANT</b>	PHONE: <b>505 466-8120</b>	FAX: <b>505 466-9682</b>
Approved by (Signature) 	Name (Printed/Typed) <b>Eric C. Jones</b>	Date <b>JUL 9 2004</b>
Title <b>Acting Assistant Field Manager, Division of Resources</b>	Office <b>Moab Field Office</b>	

Application approval does not warrant or certify the 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, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

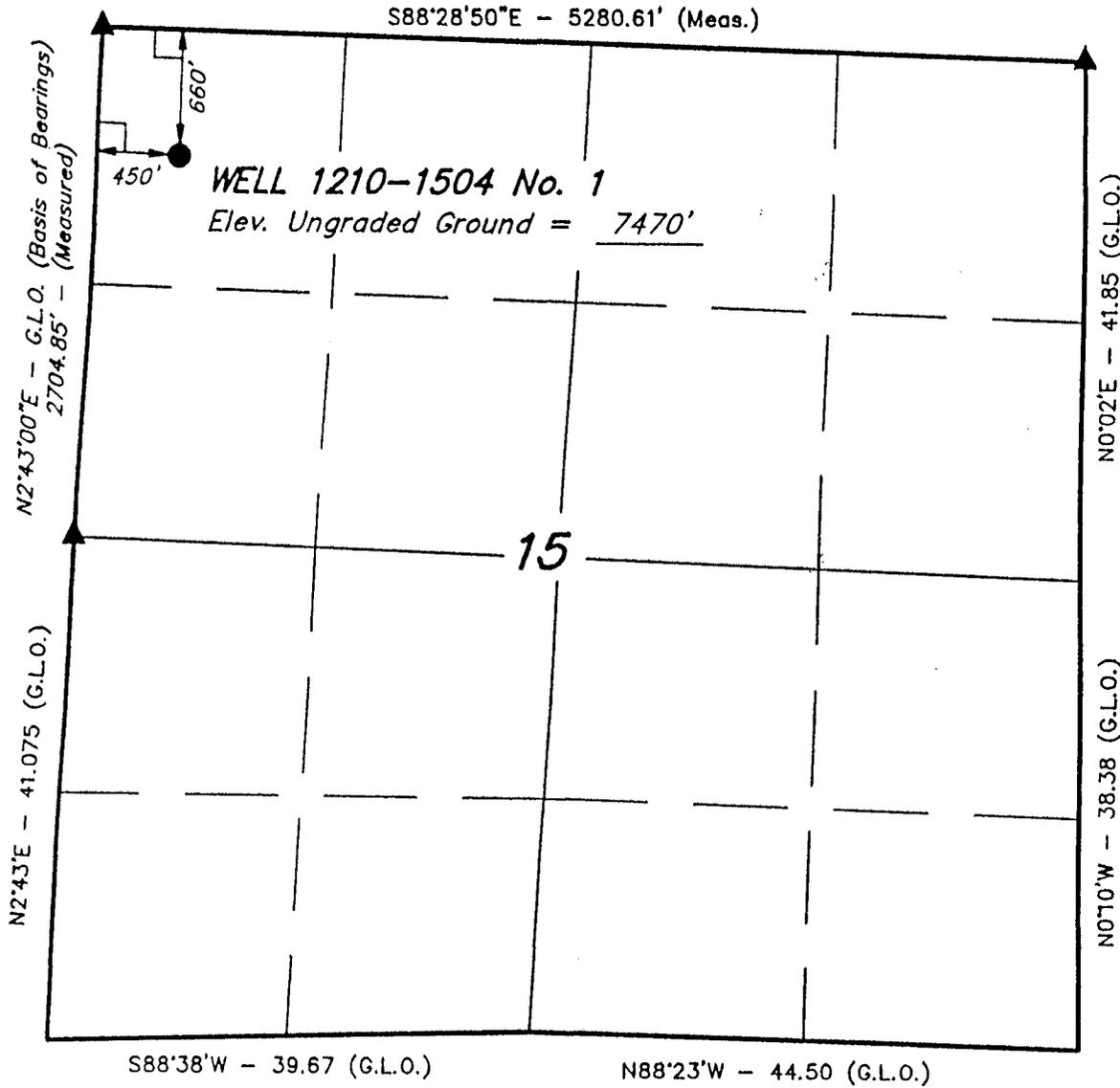
cc: BLM (M&P), McDonald, Sessions, UDOGM

CONDITIONS OF APPROVAL ATTACHED

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

COCKRELL OIL CORP.

Well location, WELL 1210-1504, No. 1 located as shown in the NW 1/4 NW 1/4 of Section 15, 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 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 L.D.T. G.T. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE COCKRELL OIL CORP.

▲ = SECTION CORNERS LOCATED. (Brass Caps)

Evergreen Operating Corporation  
Huber-Frandsen Federal 4-15 (Re-Entry)  
Lease U-65949  
NW/NW Section 15, T12S, R10E  
Carbon County, Utah

**A COMPLETE COPY OF THIS PERMIT SHALL BE KEPT ON LOCATION from the beginning of site construction through well completion, and shall be available to contractors to ensure compliance.**

#### 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 Evergreen Operating 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 UTB000072 (Principal – Evergreen Operating 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. 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.

**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 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 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 reconversion 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 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

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 and elk, exploration, drilling and other development activity will be allowed only during the period of July 1 through November 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. Evergreen 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. Evergreen 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. Evergreen will *discuss* emergency plans with county law enforcement, fire protection, and emergency care providers. Plans will then be made clear to all Evergreen 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 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, Evergreen 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. Evergreen 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 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. Evergreen 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.
34. Control of non-native, invasive species (noxious weeds) will be in accordance with the Federal Noxious Weed Act, the Utah State Noxious Weed Act (R68-9), and County Noxious Weed Control Plans. Control of non-native, invasive species will be completed on all disturbed sites associated with the development and final reclamation of well pads and pipelines. The use of herbicides will be approved through a pesticide use proposal (PUP) submitted to the BLM prior to herbicide application.

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

### C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Building Location- Contact the Price Field Office, 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.

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 No.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.

#### TABLE 1 -- NOTIFICATIONS

Notify Don Stephens of the BLM Price Field Office at (office: 435-636-3608, home: 435-637-7967) for the following actions:

- 2 days prior to commencement of dirt work, construction and reclamation;
- 1 day prior to re-entry;

If Don Stephens is unavailable, or in emergency situations, notify Eric Jones at the number 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:

Eric Jones, Petroleum Engineer, BLM Moab Field Office  
Office: 435-259-2117  
Home: 435-259-2214

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No. **UTU-65949**  
6. If Indian, Allottee or Tribe Name **N/A**  
7. If Unit or CA/Agreement, Name and/or No. **N/A**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

8. Well Name and No. **HUBER-FRANSDEN/FEDERAL 4-15**  
9. API Well No. **43-007-30138**  
10. Field and Pool, or Exploratory Area **CASTLEGATE**  
11. County or Parish, State **CARBON COUNTY, UT**

1. Type of Well  
 Oil Well  Gas Well  Other  
2. Name of Operator **EVERGREEN OPERATING CORPORATION**

3a. Address **1401 17TH ST., SUITE 1200  
DENVER, CO. 80202** 3b. Phone No. (include area code)  
**(303) 291-8100**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SURFACE: 660' FNL & 450' FWL SEC. 15, T. 12 S., R. 10 E.  
BHL: SAME**

**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 Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**Change of Operator:**

**J. M. Huber Corporation is no longer operator.  
Operator is now Evergreen Operating Corporation.**

RECEIVED

MAR 19 2004

DIV. OF OIL, GAS & MINING

*Barbara Zimmerman* Director of Land  
Signature Title  
on behalf of  
J. M. Huber Corporation

3-08-04  
Date

cc: BLM, McDonald, UDOGM

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**BRIAN WOOD**

Title **CONSULTANT** (505) 466-8120

Signature

*Brian Wood*

Date **3-6-04**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
1. GLH
2. CDW
3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

**12/1/2003**

**FROM:** (Old Operator):  
 N2380-J.M. Huber Corp  
 1050 17th St, Ste. 700  
 Denver, CO 80265  
 Phone: 1-(303) 825-7900

**TO:** ( New Operator):  
 N2545-Evergreen Operating Corp.  
 1401 17th Street, Suite 1200  
 Denver, CO 80202  
 Phone: 1-(303) 298-8100

**CA No.**

**Unit:**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
HUBER-FRANSEN 4-15	15	120S	100E	4300730138	11401	Federal	GW	PA
HUBER-JENSEN 3-10	10	120S	100E	4300730703		Federal	GW	APD
HUBER-ST/F 4-11	11	120S	100E	4300730663		Federal	GW	APD
H-M FED 2-14	14	120S	100E	4300730787		Federal	GW	NEW
HUBER-JENSEN 2-5	05	120S	100E	4300730810		Fee	GW	NEW
HUBER-JENSEN 4-8	08	120S	100E	4300730860		Fee	GW	NEW
HUBER-JENSEN 2-10	10	120S	100E	4300730675		Fee	GW	APD
SHIMMIN TRUST 14-12	12	120S	100E	4300730169	11432	Fee	GW	PA
HUBER-JENSEN 4-17	17	120S	100E	4300730858		Fee	GW	NEW
HUBER-JENSEN 1-18	18	120S	100E	4300730718		Fee	GW	APD
HUBER-JENSEN 2-18	18	120S	100E	4300730859		Fee	GW	NEW
HUBER-ST 2-16	16	120S	100E	4300730783		State	GW	APD
HUBER-ST 3-16	16	120S	100E	4300730784		State	GW	APD

**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: 2/17/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/17/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 12/29/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5531527-0143
- If **NO**, the operator was contacted on: \_\_\_\_\_

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: 5/18/2004
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/18/2004
- 3. Bond information entered in RBDMS on: 5/18/2004
- 4. Fee/State wells attached to bond in RBDMS on: 5/18/2004
- 5. Injection Projects to new operator in RBDMS on: n/a

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

1. State well(s) covered by Bond Number: RLB0006706

**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:**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input 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.

1. Operator change due to the merger between Pioneer Natural Resources USA, Inc and Evergreen Resources Inc., effective September 28, 2004.
2. 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.
3. Operator will now be Pioneer Natural Resources USA, Inc. Local operation address info and contacts under separate cover.
4. Surety Bond #104319462 (replaces RLB 0006706) attached
5. Copy of Oil & Gas Geothermal Lease Bond - BLM #104091293 attached

Name: Dennis R. Carlton Title: Executive Vice President, Evergreen Operating Corp. *N2545*  
 Signature: *DR Carlton* Date: 10/18/04

NAME (PLEASE PRINT) Jay Still TITLE Vice President, Western Division, Pioneer Natural Resources USA Inc.  
 SIGNATURE *Jay Still* DATE 10/19/04

(This space for State use only)

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

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

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

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twpr	Twpd	RngN	RngD	Qtr/Qtr
43-007-30122-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 5	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NWNE
43-007-30137-00-00	EVERGREEN OPERATING CORP	HUBER-FEDERAL 7-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	SWNE
43-007-30138-00-00	EVERGREEN OPERATING CORP	HUBER-FRANDSEN 4-15	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	NWNW
43-007-30140-00-00	EVERGREEN OPERATING CORP	HUBER-FED 6-8	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	SENW
43-007-30159-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 9-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESE
43-007-30162-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 5-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SWNW
43-007-30163-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 16-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	SESE
43-007-30164-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 11-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESW
				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	SENW
<del>43-007-30663-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>HUBER-ST 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>SE</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	SE
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>43-007-30708-00-00</del>	<del>EVERGREEN OPERATING CORP</del>	<del>HUBER-JENSEN 3-10</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>CASTLEGATE</del>	<del>CARBON</del>	<del>12S-10E</del>	<del>10</del>	<del>12</del>	<del>S</del>	<del>10</del>	<del>E</del>	<del>SWNE</del>
43-007-30717-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NWSW
				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-J/F 2-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENW
43-007-30768-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-8	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NESE
43-007-30769-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENE
43-007-30783-00-00	EVERGREEN OPERATING CORP	HUBER-ST 2-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWSE
43-007-30784-00-00	EVERGREEN OPERATING CORP	HUBER-ST 3-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SESW
43-007-30785-00-00	EVERGREEN OPERATING CORP	HUBER-ST 4-16	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SE
43-007-30787-00-00	EVERGREEN OPERATING CORP	H-M FED 2-14	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NESE
43-007-30810-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-5	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	5	12	S	10	E	NESW
43-007-30858-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NESE
43-007-30859-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-18	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	18	12	S	10	E	NENE
43-007-30860-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-8	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NWSW

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

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twpr	Twpd	RngN	RngD	Qtr/Qtr
43-007-30947-00-00	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	SW
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>CARFIELD</del>	<del>04S-12E</del>	<del>24</del>	<del>04</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>CARFIELD</del>	<del>04S-12E</del>	<del>4</del>	<del>04</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	SESW
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	SESW
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	NES
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	NES
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	14S-23E	25	14	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 9-23-14S-22E</del>	<del>Gas Well</del>	<del>Location Abandoned</del>	<del>PINE SPRINGS</del>	<del>UINTAH</del>	<del>14S-22E</del>	<del>23</del>	<del>14</del>	<del>S</del>	<del>22</del>	<del>E</del>	<del>SENE</del>
43-047-34675-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 3-23-14S-22E	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SESW
43-047-34676-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 12-23-14S-22E	Gas Well	Temporarily Abandoned	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SWNW
43-047-34941-00-00	EVERGREEN OPERATING CORP	BONANZA FED 15-27-10-25	Gas Well	Producing	UNDESIGNATED	UINTAH	10S-25E	27	10	S	25	E	NWNE
43-047-35555-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS ST 6-36-14-22	Gas Well	Spudded (Drilling commenced; Not yet completed)	UNDESIGNATED	UINTAH	14S-22E	36	14	S	22	E	NE
43-047-35556-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 4-22-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	22	14	S	22	E	SWSW
43-047-35566-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 15-21-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	21	14	S	22	E	NWNE

**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: (Old Operator):</b> N2545-Evergreen Operating Corp. 1401 17th St, Suite 1200 Denver, CO 80202 Phone: 1-(303) 298-8100	<b>TO: ( New Operator):</b> N5155-Pioneer Natural Resources USA, Inc. 5205 N O'Connor Blvd Irving, TX 75039 Phone: 1-(972) 444-9001
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**CA No.**

**Unit:**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
HUBER-STATE 1-27	27	110S	100E	4301332317		State	GW	NEW
JENSEN 24-4	04	120S	100E	4300730977		Fee	GW	NEW
HUBER-JENSEN 2-5	05	120S	100E	4300730810		Fee	GW	NEW
JENSEN 34-5	05	120S	100E	4300730978		Fee	GW	NEW
HUBER-JENSEN 4-8	08	120S	100E	4300730860		Fee	GW	NEW
JENSEN 41-9	09	120S	100E	4300730980		Fee	GW	NEW
JENSEN 34-10	10	120S	100E	4300730981		Fee	GW	NEW
H-M FED 2-14	14	120S	100E	4300730787		Federal	GW	NEW
HUBER-FRANDSEN/FED 4-15	15	120S	100E	4300730947		Federal	GW	NEW
HUBER-ST 2-16	16	120S	100E	4300730783		State	GW	APD
HUBER-ST 3-16	16	120S	100E	4300730784		State	GW	APD
HUBER-J/F 2-17	17	120S	100E	4300730764		Federal	GW	NEW
HUBER-JENSEN 1-17	17	120S	100E	4300730769		Fee	GW	NEW
HUBER-JENSEN 4-17	17	120S	100E	4300730858		Fee	GW	NEW
HUBER-JENSEN 2-18	18	120S	100E	4300730859		Fee	GW	NEW
PINE SPRINGS FED 4-22-14-22	22	140S	220E	4304735556		Federal	GW	APD
HUBER-FED 6-8	08	120S	100E	4300730140	11272	Federal	GW	PA
SHIMMIN TRUST 14-12	12	120S	100E	4300730169	11432	Fee	GW	PA
HUBER-FRANDSEN 4-15	15	120S	100E	4300730138	11401	Federal	GW	PA
STATE 11-2-15-22	02	150S	220E	4304730746	8074	State	GW	PA

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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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:**

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