

UTAH OIL AND GAS CONSERVATION COMMISSION

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

920731 Cockrell to PG&E Resources eff. 7-1-92:

DATE FILED **6-3-91**
 LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. **UTU-65948** INDIAN _____
 DRILLING APPROVED: **6-28-91**
 SPUDDED IN: _____
 COMPLETED: **10-6-92 LA** PUT TO PRODUCING: _____
 INITIAL PRODUCTION: _____
 GRAVITY A.P.I. _____
 GOR: _____
 PRODUCING ZONES: _____
 TOTAL DEPTH: _____
 WELL ELEVATION: _____
 DATE ABANDONED: **WA'D Per Oper. eff. 10-6-92**
 FIELD: **WILDCAT**
 UNIT: _____
 COUNTY: **CARBON**
 WELL NO. **1210-0708 #1** API NO. **43-007-30135**
 LOCATION **2005' FNL** FT. FROM (N) (S) LINE. **760' FEL** FT. FROM (E) (W) LINE. **SE NE** 1/4 - 1/4 SEC. **7**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
12S	10E	7	PG&E Resources Co.				COCKRELL OIL CORPORATION



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

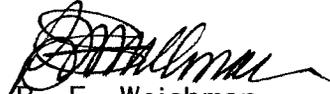
Re: Application for Permit to Drill
1210-0708 Well No. 1
Carbon County, Utah

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**

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
 2005' FNL, 760' FEL (SE $\frac{1}{4}$ NE $\frac{1}{4}$) Section 7, T12S, R10E
 At proposed prod. zone
 Same As Above

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 760'

16. NO. OF ACRES IN LEASE 2473.31

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2559.66'

19. PROPOSED DEPTH 5500' *SPSS*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7375' GR

22. APPROX. DATE WORK WILL START*
 November 1, 1991

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-65948

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Not Applicable

7. UNIT AGREEMENT NAME
 Not Applicable

8. FARM OR LEASE NAME
 1210-0708

9. WELL NO.
 1

10. FIELD AND POOL, OR WILDCAT
 Wildcat *001*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 7, T12S, R10E

12. COUNTY OR PARISH 13. STATE
 Carbon 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#	0-5500'	465 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 1210-0708 #1, Federal Lease # UTU-65948. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Cockrell Oil Corporation, Statewide Bond # UT-0794, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application for Permit to Drill.

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

24. SIGNED *Felder Hollenshead* TITLE Vice-President DATE May 14, 1991

(This space for Federal or State office use)

PERMIT NO. 43-007-30135 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE: 6-28-91

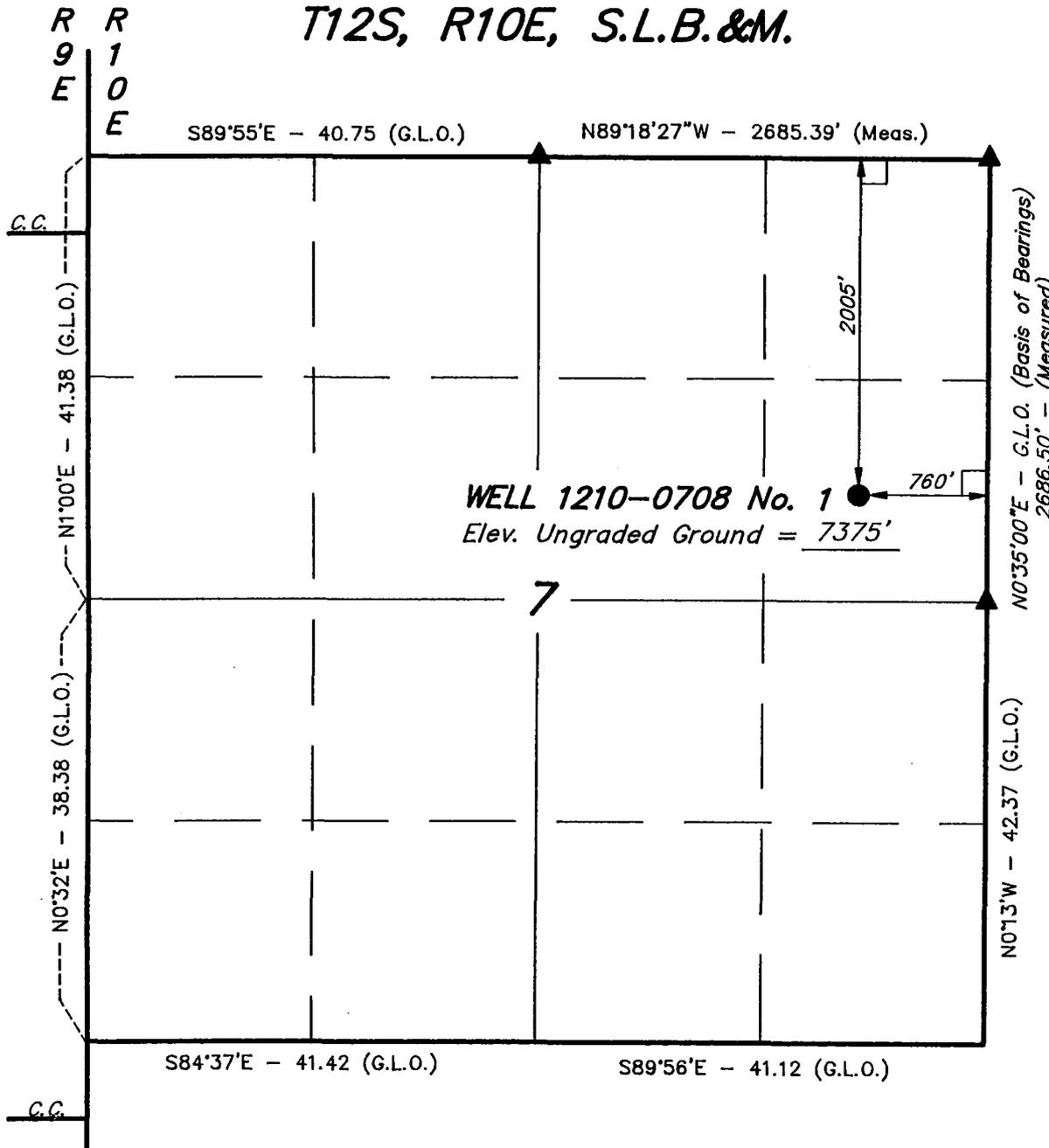
CONDITIONS OF APPROVAL, IF ANY: _____ BY: *Tom Matthews*
 WELL SPACING: 615-3-2

*See Instructions On Reverse Side

COCKRELL OIL CORP.

Well location, WELL 1210-0708 No. 1, located as shown in the SE 1/4 NE 1/4 of Section 7, T12S, R10E, S.L.B.&M. Carbon County, Utah.

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



BASIS OF ELEVATION

SPOT ELEVATION AT THE NE CORNER OF SECTION 7, 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 7367 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

REVISED: 3-25-91 R.E.H.

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

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

▲ = SECTION CORNERS LOCATED. (Brass Caps)

COCKRELL OIL CORPORATION
Lease #UTU-65948, 1210-0708 #1
SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 7, T12S, R10E
Carbon County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Flagstaff	Surface	Blackhawk	4250'
North Horn	300'	Starpoint	4950'
Price River	3495'	Total Depth	5500'
Castlegate	3950'		

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

Blackhawk	4250'	Gas (Primary Objective)
Starpoint	4950'	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	0-5500'

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% CaCl₂ + 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, 165 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
400-5500'	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 : 5500' - 400'
Spectral Density/Dual Spaced Neutron : 5500' - 400'
High Resolution Spectral Density : 5500' - 400'
Microlog : 5500' - 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 H₂S has been reported or is known to exist from previous drilling in this area at this depth.

Maximum anticipated bottom hole pressure equals approximately 2,387 psi (calculated at 0.434 psi/foot) and maximum anticipated surface pressure equals approximately 1,177 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 : November 1, 1991
Drilling Days : Approximately 14 Days
Completion Days : Approximately 5 days

B. Notification of Operations:

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

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations: Continued

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

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

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

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

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

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

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

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations: Continued

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

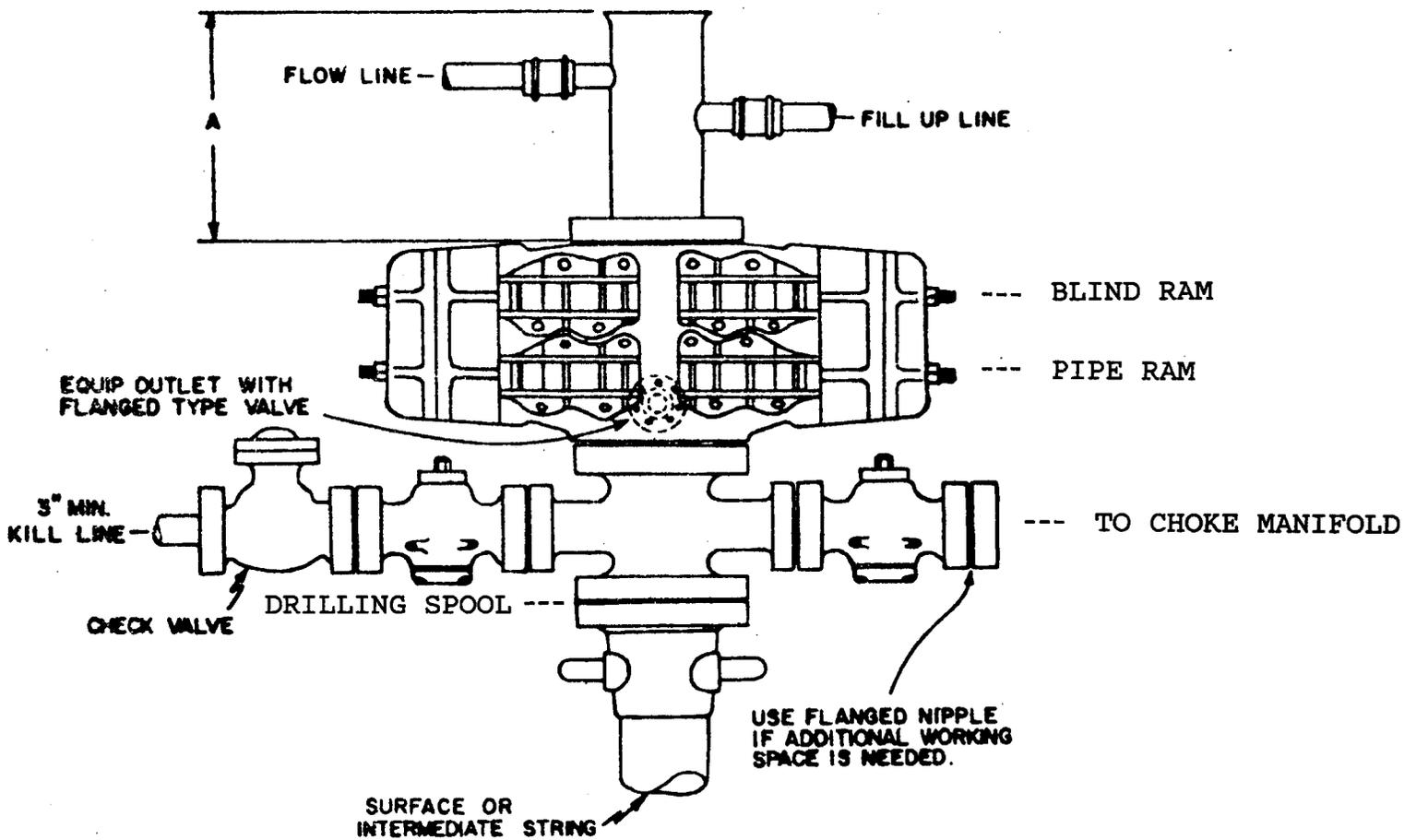
Approval to vent/flare gas during initial well evaluation will be obtained from the Moab District Office. This preliminary approval will not exceed thirty (30) days or fifty (50) MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to the guidelines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

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

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

COCKRELL OIL CORPORATION
Lease #UTU-65948, 1210-0708 #1
SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 7, T12S, R10E
Carbon County, Utah

TYPICAL 2,000 psi WORKING PRESSURE BOP STACK



BOP ACTUATING SYSTEM

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

CHOKE MANIFOLD

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

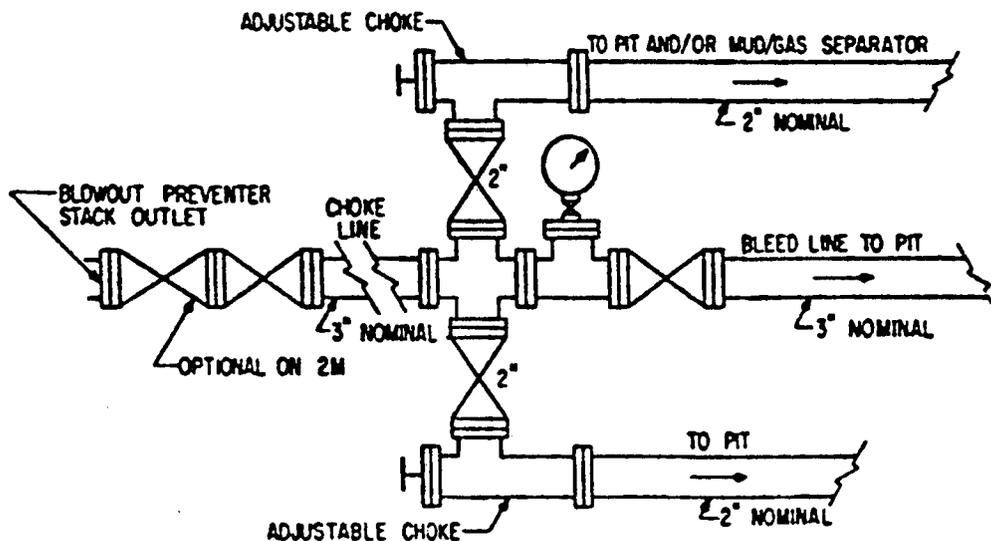


FIG. 3.A.1
TYPICAL CHOKE MANIFOLD ASSEMBLY

COCKRELL OIL CORPORATION
Lease #UTU-65948, 1210-0708 #1
SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 7, T12S, R10E
Carbon County, Utah

Multi-Point Surface Use and Operations Plan

1. Existing Roads: Refer to Maps "A" and "B" (shown in ORANGE)
 - A. The proposed well site is staked and two 200-foot reference stakes are present.
 - B. To reach the location from the town of Price, Utah; proceed generally north approximately 9.0 miles on U.S. Highway 191, thence generally northeast approximately 6.3 miles on U.S. Highway 191, thence generally west approximately 3.0 miles on an existing Carbon County road (a paved highway), thence generally southwest approximately 500 feet to the proposed 1210-0708 #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 500 feet of new road construction will be required for access to the proposed 1210-0708 #1 well location.

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

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

2. Planned Access Roads:

B. Construction standard - Continued

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

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

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

Upgrading shall not be allowed during muddy conditions.

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

- C. Maximum grade - 6%.
- D. Turnouts - turnouts will be constructed along the access route as necessary or required to allow for the safe passage of traffic. None anticipated at this time.
- E. Drainage design - the access road will be crowned, ditched, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.
- G. Gates, cattleguards or fence cuts - one (1) cattleguard will be required in an east/west trending fenceline along the county road right-of-way: $NE\frac{1}{4}SE\frac{1}{4}NE\frac{1}{4}$ of Section 7, Township 12 South, Range 10 East.
- H. Surface materials - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials in the area, if required by the Authorized Officer, Bureau of Land Management. None anticipated at this time.

2. Planned Access Roads: Continued

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

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

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

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

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

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

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

A. Existing

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

B. New Facilities Contemplated

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

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

B. New Facilities Contemplated - Continued

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

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

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

5. Location and Type of Water Supply:

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

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

- B. Water will be transported over existing roads via tank truck from the point of diversion to the proposed 1210-0708 #1 well location. No new road construction will be required on/along the proposed water haul route. No off-lease federal lands will be crossed on/along the proposed water haul route.
- C. No water well will be drilled on this location.

6. Source of Construction Materials:

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

7. Methods of Handling Waste Materials:

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

7. Methods of Handling Waste Materials: Continued

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

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

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

9. Wellsite Layout: Continued

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

10. Plans for Reclamation of the Surface:

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

10. Plans for Reclamation of the Surface: Continued

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

11. Surface Ownership:

The proposed access road route and well location are situated on surface estate owned by the United States of America and administered by:

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

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 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 1210-0708 #1 well location.

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

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

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

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.

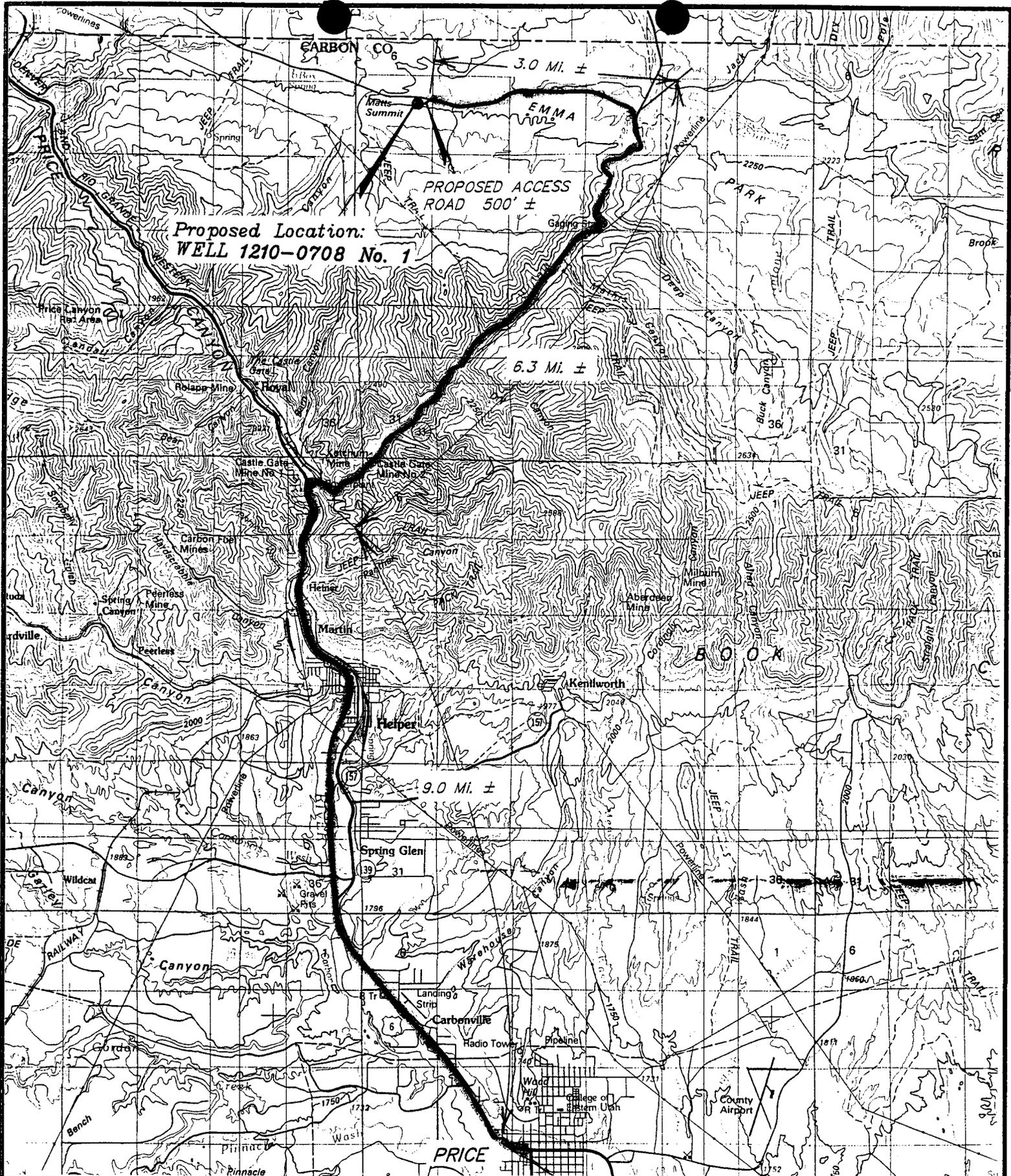
Cockrell Oil Corporation will be fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative(s) to ensure compliance.

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



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

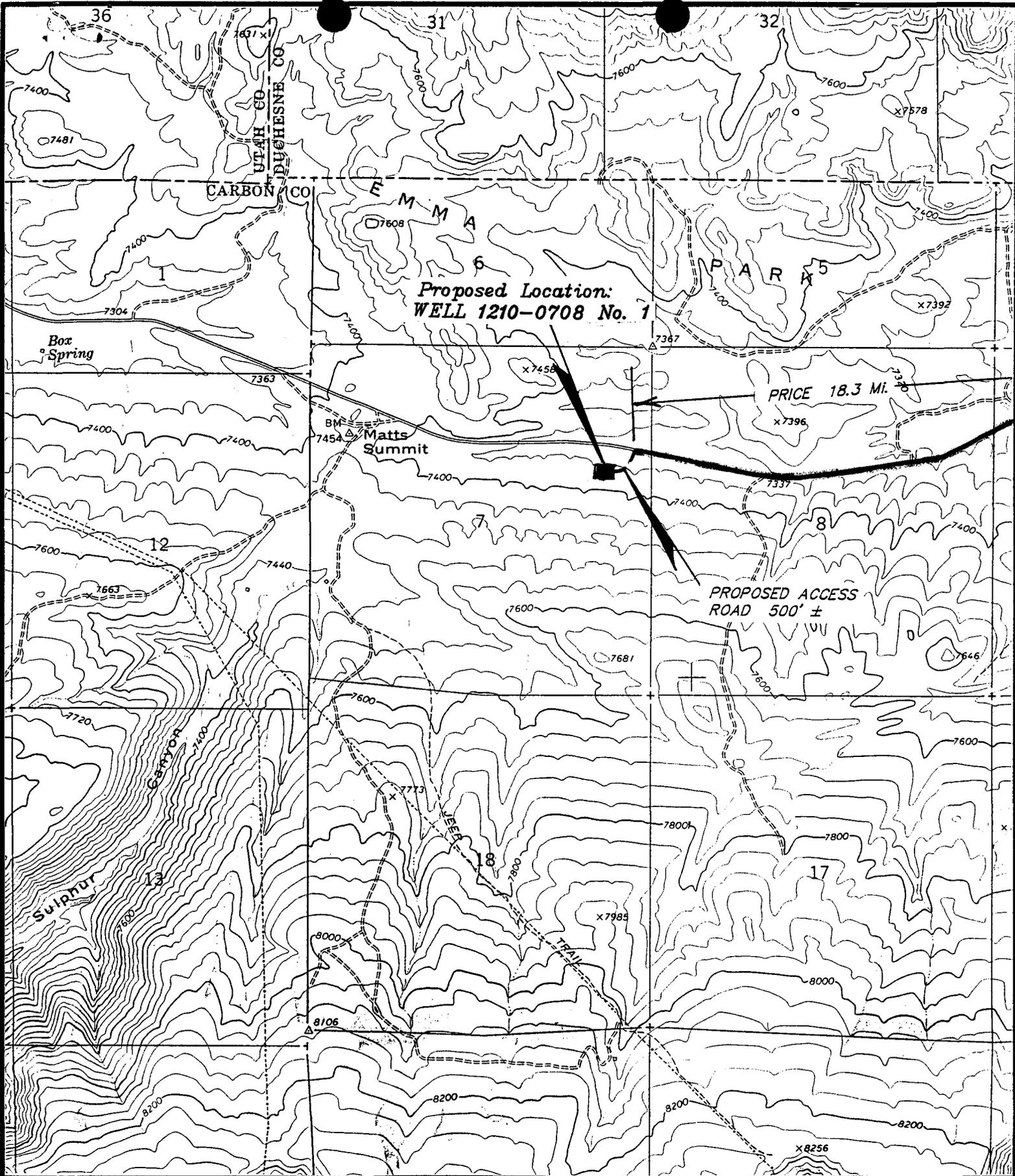


COCKRELL OIL CORP.

WELL 1210-0708 No. 1

SECTION 7, T12S, R10E, S.L.B.&M.

REVISED: 3-25-91 R.E.H.



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



COCKRELL OIL CORP.
 WELL 1210-0708 No. 1
 SECTION 7, T12S, R10E, S.L.B.&M.
 REVISED: 3-25-91 R.E.H.

RECEIVED

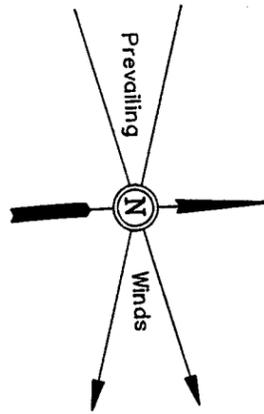
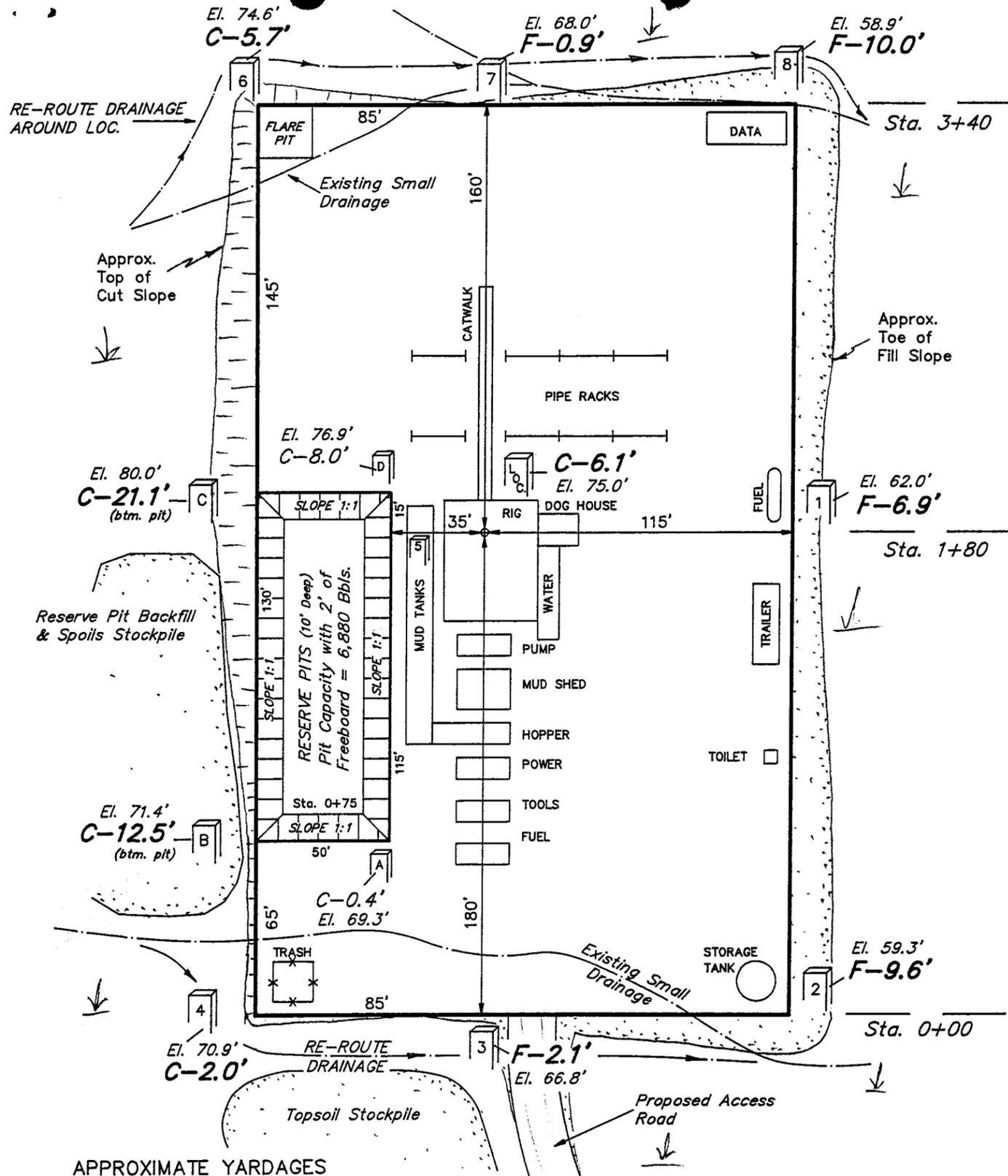
JUN 03 1991

COCKRELL OIL CORP.

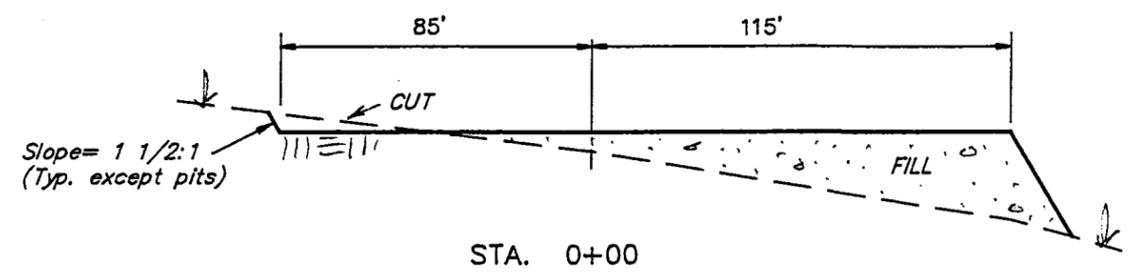
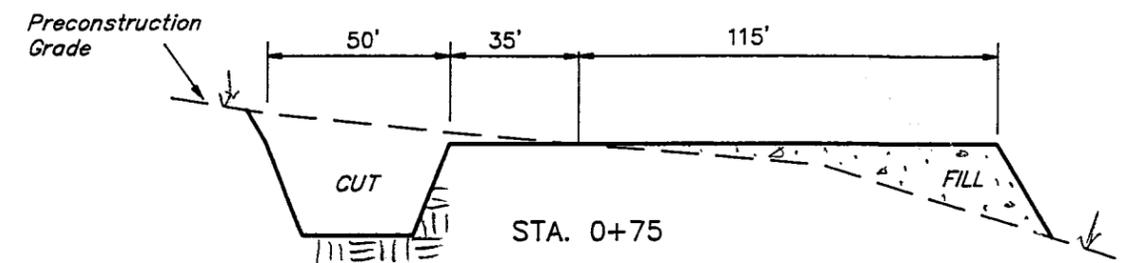
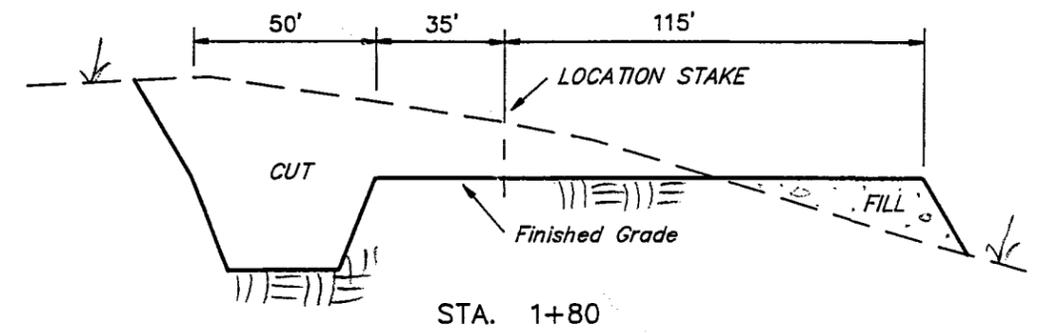
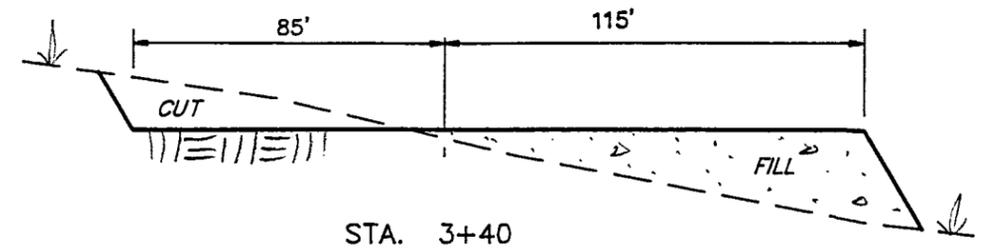
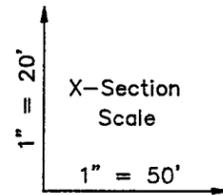
LOCATION LAYOUT FOR

WELL 1210-0708 No. 1
SECTION 7, T12S, R10E, S.L.B.&M.

DIVISION OF
OIL GAS & MINING



SCALE: 1" = 50'
DATE: 3-20-91
Drawn By: J.R.S.
REVISED: 3-25-91 R.E.H.



TYP. LOCATION LAYOUT

TYP. CROSS SECTIONS

APPROXIMATE YARDAGES

CUT			
(6") Topsoil Stripping	=	1,300 Cu. Yds.	
Remaining Location	=	7,570 Cu. Yds.	
TOTAL CUT	=	8,870 CU.YDS.	
FILL	=	6,300 CU.YDS.	
			EXCESS MATERIAL AFTER 5% COMPACTION = 2,240 Cu. Yds.
			Topsoil & Pit Backfill (1/2 Pit Vol.) = 2,190 Cu. Yds.
			EXCESS UNBALANCE (After Rehabilitation) = 50 Cu. Yds.

ELEV. UNGRADED GROUND AT LOC. STAKE = 7375.0'
ELEV. GRADED GROUND AT LOC. STAKE = 7368.9'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East Vernal, Utah

OPERATOR Cockrill Oil Corp. N-1035 DATE 6-20-91

WELL NAME 1010-0708 #1

SEC SENE 7 T 10S R 10E COUNTY Carbon

43-007-30135
API NUMBER

Federal (1)
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other producing well within Sec 7 - falls within State water permit
RDC 6-10-91

State guidelines spacing

APPROVAL LETTER:

SPACING:

R615-2-3

N/A
UNIT

R615-3-2

N/A
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1- water permit



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

June 28, 1991

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

Gentlemen:

Re: 1210-0708 #1 Well, 2005 feet from the North line, 760 feet from the East line, SE NE, Section 7, 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:

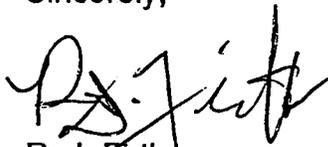
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During 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
1210-0708 #1
June 28, 1991

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

The API number assigned to this well is 43-007-30135.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
J. L. Thompson
we14/1-28

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:
November 1, 1991
4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:
(to be sent out by agency in block 1)
Southeastern Utah Association of Governments
5. TYPE OF ACTION: Lease Permit License Land Acquisition
 Land Sale Land Exchange Other _____
6. TITLE OF PROPOSED ACTION:
Application for Permit to Drill
7. DESCRIPTION:
Cockrell Oil Corporation proposes to drill the 1210-0708 #1 well (wildcat) on federal lease U-65948, Carbon County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The U.S Bureau of Land Management is the primary administrative agency in this action and must issue approval before operations commence.
8. LAND AFFECTED (site location map required) (indicate county)
SE/4, NE/4, Section 7, Township 12 South, Range 10 East, Carbon County, Utah
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:
See Attachment
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
12. FOR FURTHER INFORMATION, CONTACT: Frank R. Matthews
PHONE: 538-5340
13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL

DATE: 6-10-91 Petroleum Engineer

WOI187

SOUTHEASTERN UTAH ASSOCIATION OF LOCAL GOVERNMENTS

P. O. Drawer 1100 • Price, Utah 84501 • Telephone 637-5444

WILLIAM D. HOWELL
Executive Director

AREAWIDE CLEARINGHOUSE A-95 REVIEW

1401-07

NOI ___ Preapp ___ App ___ State Plan ___ State Action Subdivision ___ (ASP # 6-612-6,7,8,9,10,11,12,13)
Other (indicate) _____ SAI Number UT 910611-020 to 080

Applicant (Address, Phone Number):

Federal Funds:
Requested: _____

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

COCKRELL OIL COMPANY
WELL NO. 1210-0708 #!
Sec. 7, T. 12S, R. 10E
API NO. 43-007-30135

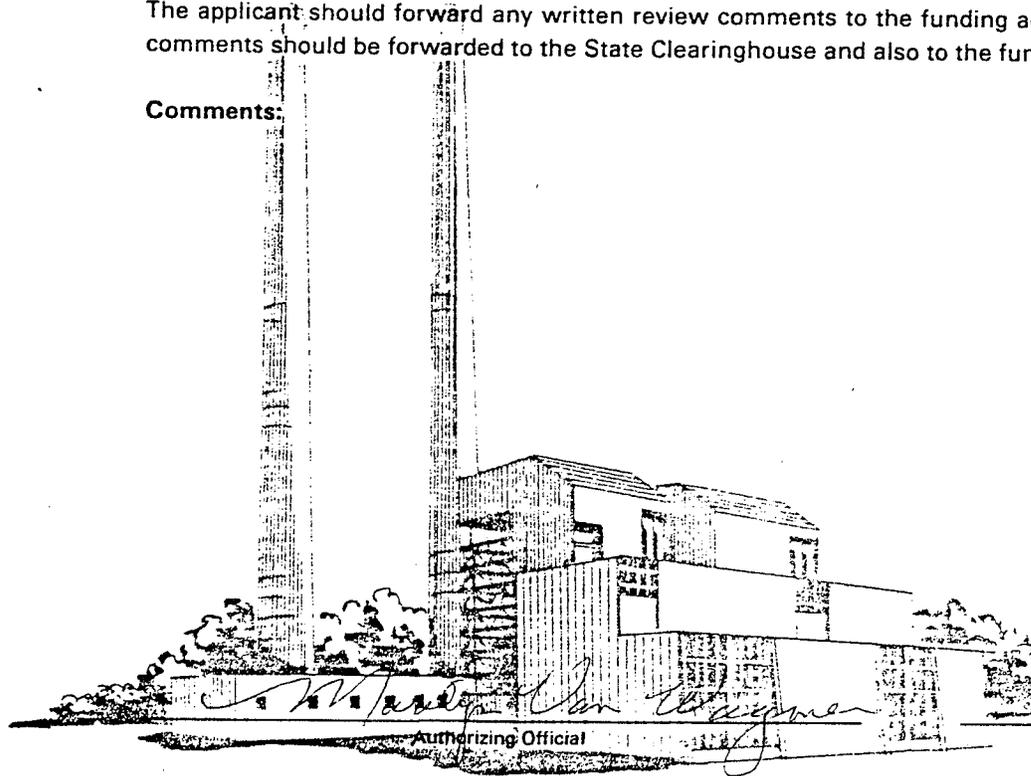
Title:

APPLICATIONS FOR PERMIT TO DRILL

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

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

Comments:



RECEIVED

JUL 15 1991

DIVISION OF
OIL GAS & MINING

William D. Howell
Authorizing Official

7-12-91
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Cockrell Oil Corporation

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 2005' FNL, 760' FEL (SE $\frac{1}{4}$ NE $\frac{1}{4}$) Section 7, T12S, R10E
 At proposed prod. zone
 Same As Above

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

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 760'

16. NO. OF ACRES IN LEASE 2473.31

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2559.66'

19. PROPOSED DEPTH 5500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7375' GR

22. APPROX. DATE WORK WILL START* November 1, 1991

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-65948

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Not Applicable

7. UNIT AGREEMENT NAME
 Not Applicable

8. FARM OR LEASE NAME
 1210-0708

9. WELL NO.
 1

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
 Section 7, T12S, R10E

12. COUNTY OR PARISH 13. STATE
 Carbon 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#	0-5500'	465 sx Cement

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

RECEIVED

SEP 13 1991

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

DIVISION OF
OIL GAS & MINING

I hereby certify that Cockrell Oil Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the 1210-0708 #1, Federal Lease # UTU-65948. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Cockrell Oil Corporation, Statewide Bond # UT-0794, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application for Permit to Drill.

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

24. SIGNED [Signature] TITLE Vice-President DATE May 14, 1991
Felder Hollenshead
 (This space for Federal or State office use)

PERMIT NO. _____ ASSISTANT DISTRICT MANAGER
 ACTING for Minerals
 APPROVED BY Bl A. Lynn Jackson DATE SEP 10 1991
 CONDITIONS OF APPROVAL, IF ANY:

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

*See Instructions On Reverse Side

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

DOGIM

COCKRELL OIL CORP.

Well location, WELL 1210-0708 No. 1, located as shown in the SE 1/4 NE 1/4 of Section 7, T12S, R10E, S.L.B.&M. Carbon County, Utah.

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

BASIS OF ELEVATION

SPOT ELEVATION AT THE NE CORNER OF SECTION 7, 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 7367 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

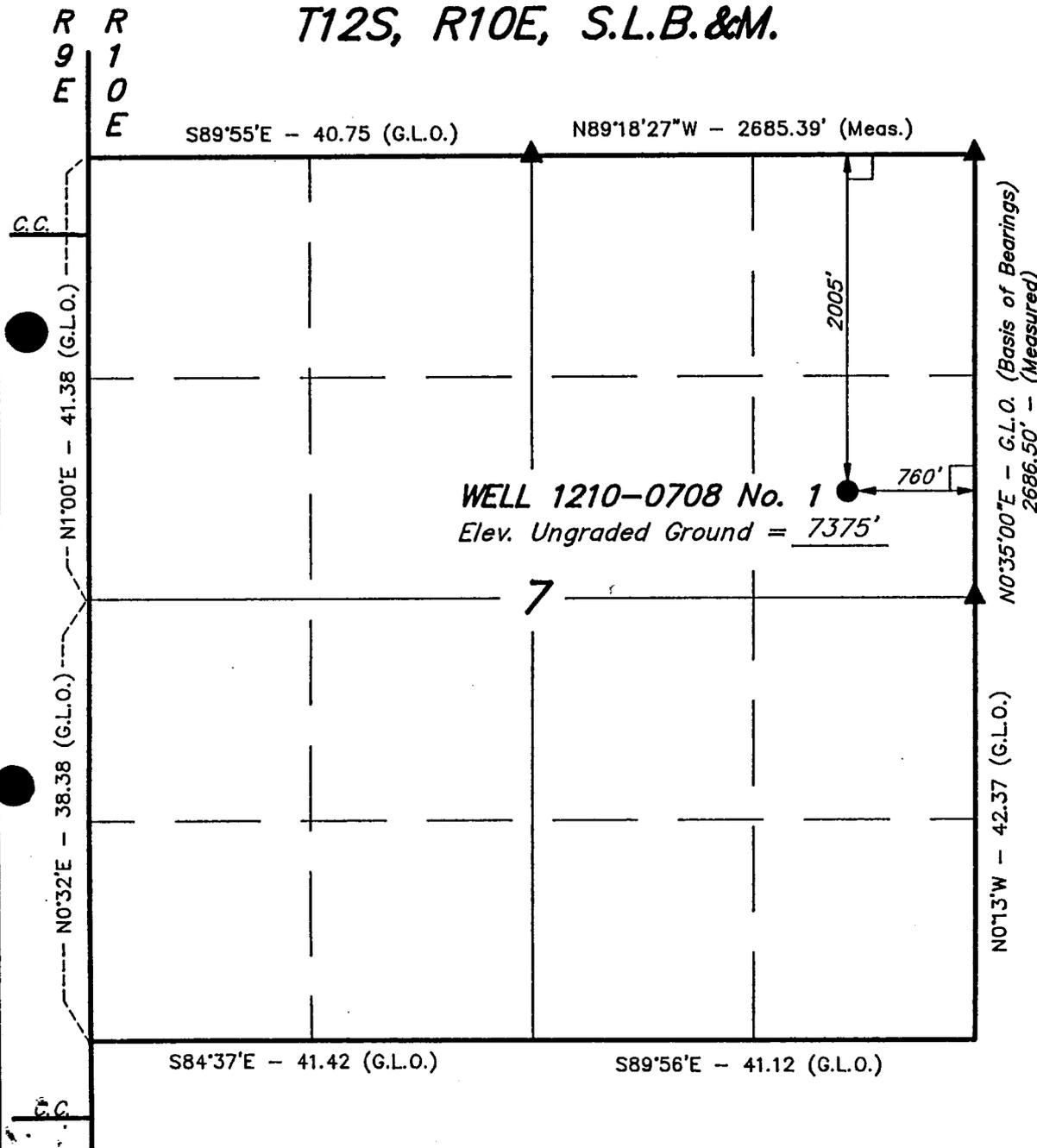
REVISED: 3-25-91 R.E.H.

UNTAH ENGINEERING & LAND SURVEYING

P. O. BOX 1758 - 85 SOUTH - 200 EAST

VERNAL, UTAH - 84078

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



▲ = SECTION CORNERS LOCATED. (Brass Caps)

Cockrell Oil Corp.
Well No. 1210-0708 #1
SENE Sec. 7 , T. 12 S., R. 10 E.
Carbon, County, Utah
Lease U-65948

CONDITIONS OF APPROVAL

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

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

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

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

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

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

A. DRILLING PROGRAM

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

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

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

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

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

A cement bond log (CBL) 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.

SENE Sec. 7, T. 12 S., R. 10 E.
Well No. 1210-0708
Cockrell Oil Corporation
Lease Status: Federal (U-65948)
Surface Ownership: Federal

Proposed Development: Well pad, 500 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

Avoid surface disturbance in
riparian habitat, EO 11990

Wildlife Conditions of Approval

1. In order to protect sage grouse nesting/brood rearing, wintering mule deer and elk; exploration 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 BLM, Moab District Office prior to initiating plugging operations. Table 1 of this document provides the after-hours phone numbers of personnel who are authorized to give plugging instructions.

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

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

NOTIFICATIONS

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

- 2 days prior to commencement of dirt work, construction or reclamation;
- 1 day prior to spudding;
- 50 feet prior to reaching surface casing depth;
- 3 hours prior to testing BOP's.

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

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

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

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

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

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

24 HOURS ADVANCE NOTICE IS REQUIRED FOR ALL ABANDONMENTS

RECEIVED

RECEIVED

FILING FOR WATER IN THE STATE OF UTAH

NOV 13 1991

OCT 28 1991

OCT 21 1991

Rec. by [Signature] Fee Rec. 30.00 Receipt # 31932 Microfilmed _____ Roll # _____

DIVISION OF OIL GAS & MINING

APPLICATION TO APPROPRIATE WATER

WATER RIGHTS

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

*WATER RIGHT NO. 91 - 4819 *APPLICATION NO. A T65703

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

2. OWNER INFORMATION Name(s): Cockrell Oil Corporation *Interest: _____ % Address: 1600 Smith Suite 4600 City: Houston State: Texas Zip Code: 77002 Is the land owned by the applicant? Yes _____ No X (If "No", please explain in EXPLANATORY section.)

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

4. SOURCE: Exploratory Wells *DRAINAGE: _____ which is tributary to _____

POINT(S) OF DIVERSION: See Attachment #1 COUNTY: Carbon

Description of Diverting Works: 5 1/2 inch casing, 4425 ft. to 4667 ft. deep *COMMON DESCRIPTION: 10 miles NE of Helper Matts Summit Quad

5. POINT(S) OF REDIVERSION The water will be rediverted from _____ at a point: N. 550 ft. & E. 1950 ft. from SW Cor. Sec. 11, T12S, R10E, SLB&M.

Description of Diverting Works: Portable pump to tank truck

6. POINT(S) OF RETURN The amount of water consumed will be _____ cfs or 3.0 ac-ft. The amount of water returned will be _____ cfs or _____ ac-ft. The water will be returned to the natural stream/source at a point(s): _____

7. STORAGE Reservoir Name: See Attachment #1 Storage Period: from _____ to _____ Capacity: _____ ac-ft. Inundated Area: _____ acres. Height of dam: _____ feet Legal description of inundated area by 40 acre tract(s): _____

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

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

9. NATURE AND PERIOD OF USE

Irrigation:	From _____	to _____
Stockwatering:	From _____	to _____
Domestic:	From _____	to _____
Municipal:	From _____	to _____
Mining:	From _____	to _____
Power:	From _____	to _____
Other:	From <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 #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) 43-007-30107
- 2) 1210-0806: S. 2400 ft. & E. 1769 ft. from NW Cor. Sec. 8 (SE4NW4) 43-007-30111
- 3) 1210-0708: S. 2000 ft. & W. 600 ft. from NE Cor. Sec. 7 (SE4NE4) 43-007-30135
- 4) 1210-0907: S. 2000 ft. & W. 2050 ft. from NE Cor. Sec. 9 (SW4NE4) 43-007-30157
- 5) 1210-0313: N. 750 ft. & E. 650 ft. from SW Cor. Sec. 3 (SW4SW4) 43-007-30134
- 6) 1210-1204: S. 1100 ft. & E. 1200 ft. from NW Cor. Sec. 12 (NW4NW4) 43-007-30116
- 7) 1210-1304: S. 1150 ft. & E. 1200 ft. from NW Cor. Sec. 13 (NW4NW4) 43-007-30118
- 8) 1210-1504: S. 700 ft. & E. 500 ft. from NW Cor. Sec. 15 (NW4NW4) 43-007-30137
- 9) 1210-1609: N. 2000 ft. & W. 775 ft. from SE Cor. Sec. 16 (NE4SE4) 43-007-30159
- 10) 1210-1602: S. 700 ft. & W. 1900 ft. from NE Cor. Sec. 16 (NW4NE4) 43-007-30132
- 11) 1210-2302: S. 800 ft. & W. 1800 ft. from NE Cor. Sec. 23 (NW4NE4) 43-007-30131
- 12) 1210-2310: N. 2000 ft. & W. 1950 ft. from SE Cor. Sec. 23 (NW4SE4) 43-007-30114
- 13) 1210-2404: S. 1150 ft. & E. 1200 ft. from NW Cor. Sec. 24 (NW4NW4) 43-007-30119
- 14) 1210-2412: N. 2100 ft. & E. 475 ft. from SW Cor. Sec. 24 (NW4SW4) 43-007-30113

Attachment #1

Attachment to
APPLICATION TO APPROPRIATE WATER

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

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

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

Date: October 1, 1991

Cockrell Oil Corporation

STATE 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



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:im
Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

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

5. Lease Designation and Serial No.
UTU-65948

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

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

8. Well Name and No.
1210-0708 #1

9. API Well No.
43-007-20125

10. Field and Pool, or Exploratory Area
Wildcat

11. County or Parish, State
Carbon County, Utah

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Cockrell Oil Corporation

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2005' FNL, 760' FEL (SE1/4NE1/4) Section 7, 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>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 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

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

JUN 22 1992

DATE: 6-22-92
BY: [Signature] 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.

*See instruction on Reverse Side

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

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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
Regulatory Affairs Supervisor

JL/ap

wp51/jl/chgoper.ltr



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-65948

6. If Indian, Allottee or Tribe Name
--

7. If Unit or CA, Agreement Designation
--

8. Well Name and No.
1210-0708 #1

9. API Well No.
43-007-30135

10. Field and Pool, or Expiory Area
Wildcat

11. County or Parish, State
Carbon

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other CBM Well

2. Name of Operator
PG&E Resources Company

3. Address and Telephone No
5950 Berkshire Lane, Suite 600, Dallas, TX 75225 (214) 750-3988

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2005' FNL & 760' FEL
SE, NE Section 7, T-12S, R-10E

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

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

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

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

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

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

RECEIVED
JUL 30 1992
DIVISION OF
OIL GAS & MINING

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

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

(This space for Federal or State office use)

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

Conditions of approval, if any: ALT 7/24/92

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.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1- <u>VLC</u>	7- <u>LOK</u>
2- <u>DPGTS</u>	
3- <u>VLC</u>	✓
4- <u>RJF</u>	✓
5- <u>RWM</u>	✓
6- <u>ADA</u>	✓

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&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>1210-2310 #1/DRL</u>	API: <u>43-007-30124</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>1210-1204 #1/DRL</u>	API: <u>43-007-30125</u>	Entity: <u>99999</u>	Sec <u>12</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>U-65949</u>
Name: <u>FEDERAL 4-13/DRL</u>	API: <u>43-007-30126</u>	Entity: <u>99999</u>	Sec <u>13</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>U-65949</u>
Name: <u>1210-2404 #1/DRL</u>	API: <u>43-007-30127</u>	Entity: <u>99999</u>	Sec <u>24</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>U-65949</u>
Name: <u>1210-2304 #1/DRL</u>	API: <u>43-007-30128</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>1210-0313 #1/DRL</u>	API: <u>43-007-30134</u>	Entity: <u>99999</u>	Sec <u>3</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>U-65948</u>
Name: <u>1210-0708 #1/DRL</u>	API: <u>43-007-30135</u>	Entity: <u>99999</u>	Sec <u>7</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>U-65948</u>

CONT.

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). ** BLM Approvals rec'd 7-30-92.*
- Scr 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: _____.
- Scr 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.
- Scr 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(7-31-92)*
- Scr 6. Cardex file has been updated for each well listed above. *(7-31-92)*
- Scr 7. Well file labels have been updated for each well listed above. *(7-31-92)*
- Scr 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)*
- Scr 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

- Sec* 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* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A* 2. A copy of this form has been placed in the new and former operators' bond files.
- Sec* 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

- Sec* 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.
- Sec* 2. Copies of documents have been sent to State Lands for changes involving State leases.
8/25/92 to Ed Bonner

FILMING

- RWM* 1. All attachments to this form have been microfilmed. Date: Aug 27 1992.

FILING

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

COMMENTS

September 25, 1992

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



Attn: Mr. Bill Stringer
Assistant District Manager

RE: PG&E Resources Company
Castlegate CBM Project
Carbon County, Utah

Dear Mr. Stringer:

Please find enclosed Sundry Notices; Form 3160-5 (in triplicate) requesting your office to cancel the approved Application for Permit to Drill (APD) for the following wells within the above referenced project.

Federal	1210-0313	No.1 -
Federal	1210-0708	No.1 -
Federal	1210-1204	No.1 -
Federal	1210-2302	No.1 -
Federal	1210-2304	No.1 -
Federal	1210-2404	No.1 -
Federal	1210-2412	No.1 -

PG&E Resources Company currently has no plans to drill these wells at this time. Should you require additional information, please contact me at (214) 750-3988.

Sincerely,

Jim LaFevers
Supervisor
Regulatory Affairs

cc: D.W. Moore

Mr. Frank Matthews
Division of Oil, Gas & Mining
3 Triad Center, Ste. 350
Salt Lake City, UT 84180

SEP 30 1992

DIVISION OF
OIL GAS & MINING

wp51\jl\form3160.ltr

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-65948

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

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

8. Well Name and No.
Federal 1210-0708 No. 1

9. API Well No.
43-007-30135

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 CBM Well

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)
2005' FNL & 760' FEL
SE NE Section 7, 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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<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>Cancel APD</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 form.)</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 cancellation of the approved Application for Permit to Drill (APD) for the referenced well.

RECEIVED

SEP 30 1992

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

DATE: 9/30/92
BY: [Signature]

DIVISION OF
OIL GAS & MINING

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

Signed [Signature] Title Regulatory Affairs Supervisor Date 9/25/92

(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.

PG&E Resources Company
Well No. 1210-0708 #1
SENE Sec. 7, T. 12 S., R. 10 E.
Carbon County, Utah
Lease U-65948

CONDITIONS OF APPROVAL

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

Be advised that 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.



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

October 6, 1992

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

Dear Mr. LaFevers:

Re: Federal 1210-0708 #1, Sec. 7, T. 12S, R. 10E, Carbon County, Utah,
API No. 43-007-30135

Per your request, approval to drill the above referenced well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval, prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

Don Staley
Administrative Manager
Oil and Gas

DME/lde

cc: R.J. Firth
Bureau of Land Management - Moab
Well file

WOI139

RECEIVED

OCT 29 1992

DIVISION OF
OIL, GAS & MINING

Moab District
P. O. Box 970
Moab, Utah 84532

3162
(U-65948)
(U-065)

OCT 27 1992

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

Re: Rescinding Applications for Permit to Drill
Well No. Federal 1210-0313 No. 1
Federal 1210-0708 No. 1 *42-009-30125*
Secs 3 & 7, T. 12 S., R. 10 E.
Carbon County, Utah
Lease U-65948

Gentlemen:

Please find enclosed Applications for Permit to Drill (APDs) dated May 14, 1991, which are being rescinded upon your request.

Should you intend to drill at these locations at a future date, new applications for permit to drill must be submitted.

If you have any questions, please contact the Branch of Fluid Minerals at (801) 259-6111.

Sincerely,

/S/ WILLIAM C. STRINGER

Assistant District Manager
Mineral Resources

Enclosure

1. Applications for Permit to Drill (2)

cc: State of Utah
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203 (wo/Enclosure) ✓
Price River Resource Area, U-066 (wo/Enclosure)

VButts:vb:10/26/92