

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED   10-23-84  

LAND: FEE & PATENTED                      STATE LEASE NO.                      PUBLIC LEASE NO.                      INDIAN   14-20-H62-3437  

DRILLING APPROVED:   11-1-84 - OIL  

SPUDED IN:                     

COMPLETED:                      PUT TO PRODUCING:                     

INITIAL PRODUCTION:                     

GRAVITY A.P.I.                     

GOR:                     

PRODUCING ZONES:                     

TOTAL DEPTH:                     

WELL ELEVATION:   6563' GA  

DATE ABANDONED:   WA. Application Rescinded     1-17-86  

FIELD:   WILDCAT  

UNIT:                     

COUNTY:   DUCHESNE  

WELL NO.   COTTONWOOD RIDGE UTE TRIBAL #6-18   API #  43-013-31018  

LOCATION   2008' FNL   FT. FROM (N) (S) LINE.   1889' FWL   FT. FROM (E) (W) LINE   SE NW   1/4 - 1/4 SEC.   18  

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
5S	4W	18	LOMAX EXPLORATION CO.				

October 18, 1984

U. S. Department of the Interior  
Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

Re: Cottonwood Ridge Ute Tribal #6-18  
SE/NW Sec. 18, T5S, R4W  
Duchesne County, Utah  
Application for Permit to Drill

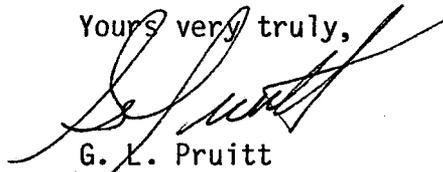
Gentlemen:

Please find enclosed the original and three (3) copies of our Application for Permit to Drill for the subject well.

It is requested that a copy of the approval be mailed to Lomax's Roosevelt office at P. O. Box 1446, Roosevelt, Utah 84066.

If further information is required, please advise.

Yours very truly,



G. L. Pruitt  
Vice President, Drilling and Production

GLP:da  
Enclosures

cc: State of Utah  
Division of Oil and Gas  
4241 State Office Building  
Salt Lake City, Utah 84114

cc: Bureau of Indian Affairs  
Realty Property Management Office  
Uinta and Ouray Agency  
Ft. Duchesne, Utah 84026

RECEIVED

OCT 23

DIVISION OF OIL  
GAS & MINING

333 North Belt East • Suite 880 • Houston, Texas 77060 • 713/931-9276  
Mailing Address: P.O. Box 4503 • Houston, Texas 77210-4503

 District Office: 248 North Union • Roosevelt, Utah 84066  
Mailing Address: P.O. Box 1446 • Roosevelt, Utah 84066

**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  
 Lomax Exploration Company

3. ADDRESS OF OPERATOR  
 P. O. Box 4503      Houston, Texas      77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 2008' FNL & 1809' FWL (SE NW)  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 7-1/2 miles South of Duchesne Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      1889'

16. NO. OF ACRES IN LEASE  
 622.2

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.      3125'

19. PROPOSED DEPTH  
 6200' *Wanted*

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6563' GR

22. APPROX. DATE WORK WILL START\*  
 February 1985

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300	210 sx (to surface)
7-7/8"	5-1/2"	17#	TD	As required

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
 DATE: 11/1/84  
 BY: John R. Day

**RECEIVED**  
 OCT 23 1984  
 DIVISION OF OIL  
 GAS & MINING

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

24. SIGNED [Signature] G. L. Pruitt TITLE V.P. Drilling & Production DATE October 18, 1984

(This space for Federal or State office use)

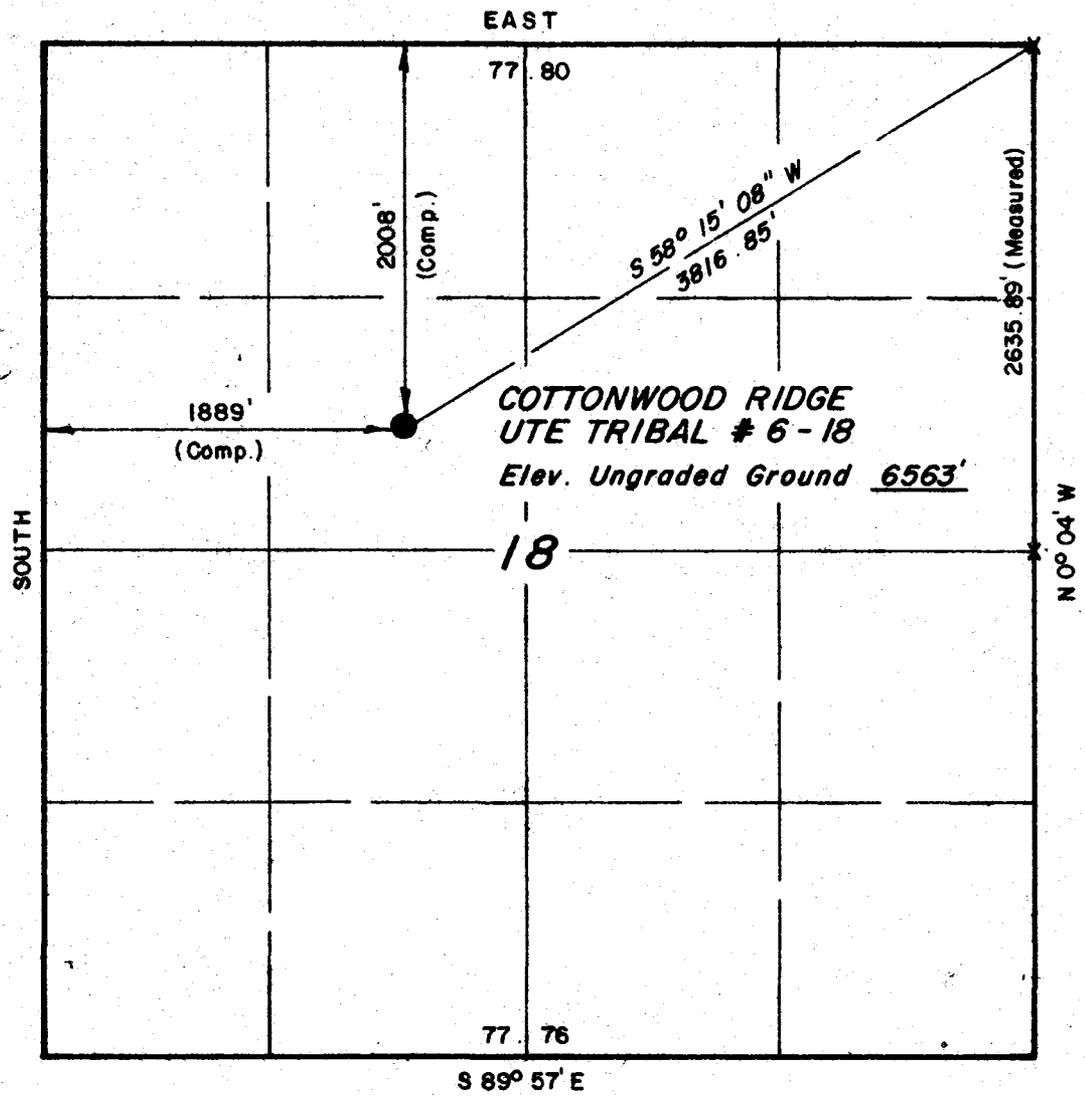
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

**\*See Instructions On Reverse Side**

T 5 S, R 4 W, U.S.B. & M.

PROJECT  
**LOMAX EXPLORATION COMPANY**  
 Well location, *COTTONWOOD RIDGE*  
*UTE TRIBAL # 6-18*, located as shown  
 in the SE 1/4 NW 1/4 Section 18, T5S,  
 R 4 W, U.S.B. & M. Duchesne County,  
 Utah.



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.

*Nelson Jewell*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> P. O. BOX 9 - 85 SOUTH - 200 EAST VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 10/8/84
PARTY D.K. M.P. RP      BFW	REFERENCES GLO Plat
WEATHER Fair	FILE LOMAX

X = Section Corners Located

TEN POINT WELL PROGRAM

Lomax Exploration Company  
Cottonwood Ridge Ute Tribal #6-18  
SE/NW Sec. 18, T5S, R4W  
Duchesne County, Utah

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	Surface
Green River	1100'
Wasatch	5900'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER,  
OIL, GAS OR MINERALS:

Green River	5350'	Oil Bearing Sand
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4. PROPOSED CASING PROGRAM:

8-5/8", J-55, 24#; set at 300'  
5-1/2", J-55, 17#; set at TD  
All casing will be new

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operation will be checked daily. (See Exhibit A)

6. TYPE AND CHARACTERISTICS OF THE  
PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh and KCl water to TD. If required, the mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

Page - 2 -

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

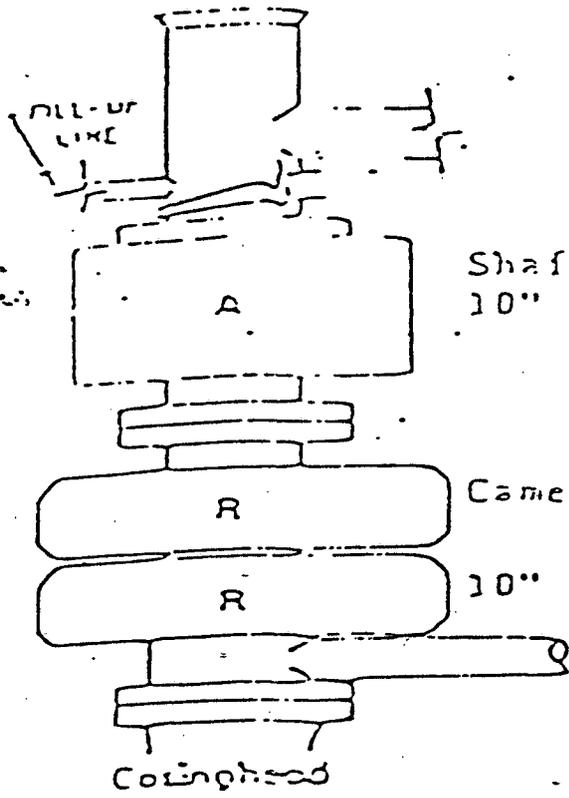
No coring or drill stem test has been scheduled for this well. The logging will consist of a Dual Laterolog and a Compensated Neutron-Formation Density.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

It is not anticipated that abnormal pressures or temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION  
OF THE OPERATIONS:

It is anticipated that operations will commence approximately February 1985.

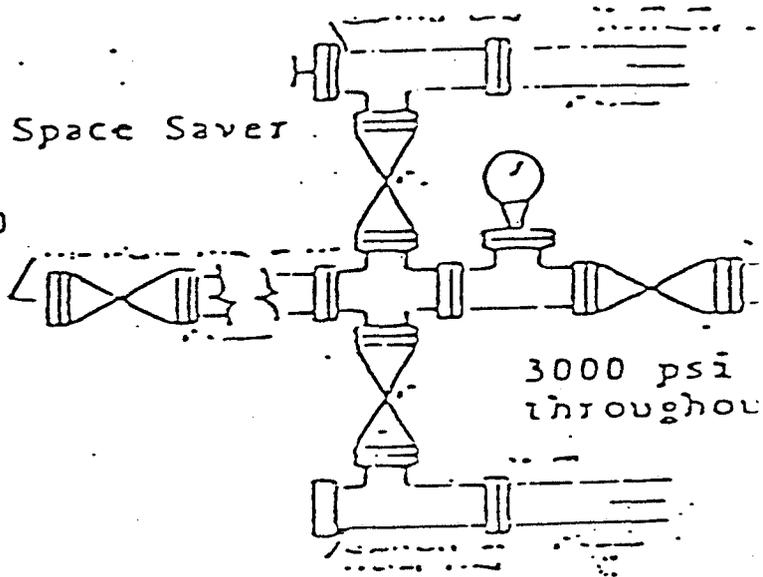


Shaffer Spherical  
10" 900

Cameron Space Saver

10" 900

Couplinghead



3000 psi  
throughout

LOMAX EXPLORATION CO.

13 Point Surface Use Plan

For

Well Location

Cottonwood Ridge Ute Tribal #6-18

Located In

Section 18, T5S, R4W, U.S.B. & M.

Duchesne County, Utah

1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLORATION CO. well location site Cottonwood Ridge Ute Tribal #6-18 located in the SE 1/4 NW 1/4 Section 18, T5S, R4W, U.S.B. & M., Duchesne County, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 40 - 8.6 miles + to the Junction of this Highway and the Sowers Canyon Road to the South; proceed in a Southerly direction along this county road 10 miles to its junction with a road to the South up Brundage Canyon; proceed South along this road 1.9 miles to its junction with an existing road to the Southwest; proceed in a Southwesterly direction along this road 4.1 miles to the beginning of a proposed access road applied for, for well #1-18 not built at this writing.

The highway mentioned in the foregoing paragraph is a bituminous surfaced road all other roads are constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by County crews. All other roads are dirt oil field roads which are maintained under contract by the oil companies in the area.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in, and range from clays to a sandy-clay shale material.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well will be maintained at the standards required by the B.L.M., B.I.A., or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed road leaves the existing road described in Item #1 in the SW 1/4 NE 1/4 Section 19, T5S, R4W, U.S.B. & M., and proceeds in a Northeasterly direction approximately 1.1 mile to the beginning of the proposed road to the #6-18 Well; proceed Northwesterly along this road 850' to the location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be culverts required along this proposed road. Placement of these culverts will be determined by the appropriate authorities at the time of construction. Culverts will be placed according to the specifications in the Oil and Gas Surface Operations Manual.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top ridges that will provide the greatest sight distance. There turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and the outlet end.

The lands involved in this action are under Utah Department of wildlife resources.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

### 3. LOCATION OF EXISTING WELLS

There is one known drilling well within a one mile radius of this location site. (See Topographic Map "B").

### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There is one known drilling LOMAX EXPLORATION CO. well within a one mile radius of this location site.

A tank battery site will be set up at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing battery in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

### 5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access roads approximately 10 miles from Antelope Creek at a point where it crosses under the Antelope Canyon road Section 6, T5S, R3W, U.S.M.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHOD OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable chemical toilet will be provided for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.I.A. Representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site shall be reseeded with a seed mixture recommended by the surface owner when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

#### 11. OTHER INFORMATION

##### The Topography of the General Area - (See Topographic Map "A").

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Duchesne River is located approximately 9.0 miles to the North of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uintah formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

LOMAX EXPLORATION CO  
Cottonwood Ridge Ute Tribal #6-18  
Section 18, T5S, R4W, U.S.B. & M.

Outcrops of sandstone ledges; conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B")

Cottonwood Ridge Ute Tribal #6-18 is located on a ridge above a non-perennial drainage which drains to the Northeast into Sowers Canyon.

The terrain in the vicinity of the location slopes from the Southwest to the Northeast at approximately 5% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archeological, historical or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B".)

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

G.L. Pruitt  
Lomax Exploration Co.  
P.O. Box 4503  
Houston, TX 77210-4503  
1-713-931-9276

LOMAX EXPLORATION CO.  
Cottonwood Ridge Ute Tribal #6-18  
Section 18, T5S, R4W, U.S.B. & M.

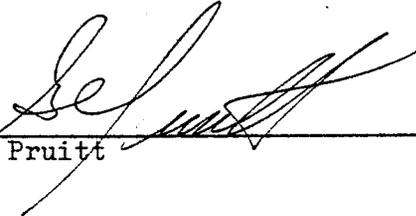
13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently 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 operation proposed herein will be performed by LOMAX EXPLORATION CO. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date

10/18/84

G.L. Pruitt

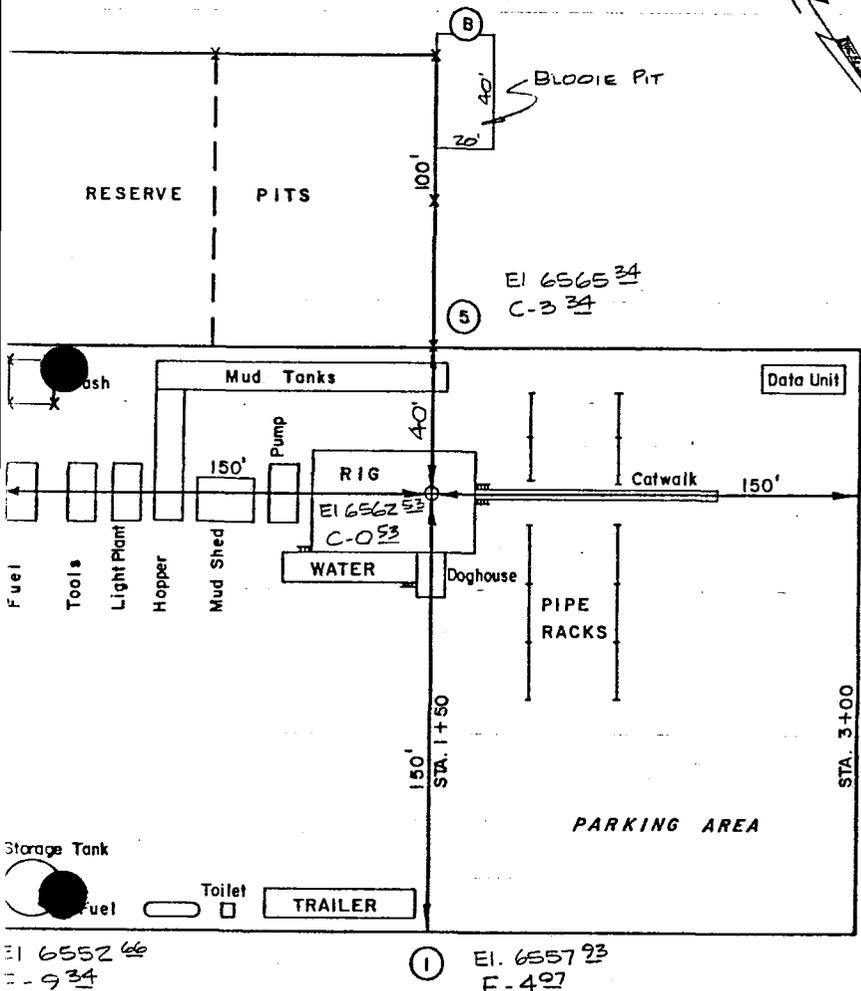


LOMAX EXPLORATION CO.  
COTTONWOOD RIDGE U.T. #6-1B

EI 6569 40

EI 6577 64

SCALE 1" = 50'  
DATE 10-9-84



EI 6565 34  
C-3 34

⑥ EI 6569 16  
C-7 16

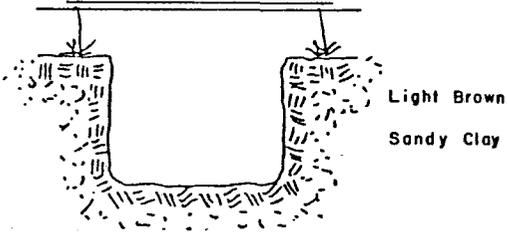
⑦ EI 6567 63  
C-563

① EI 6557 93  
F-497

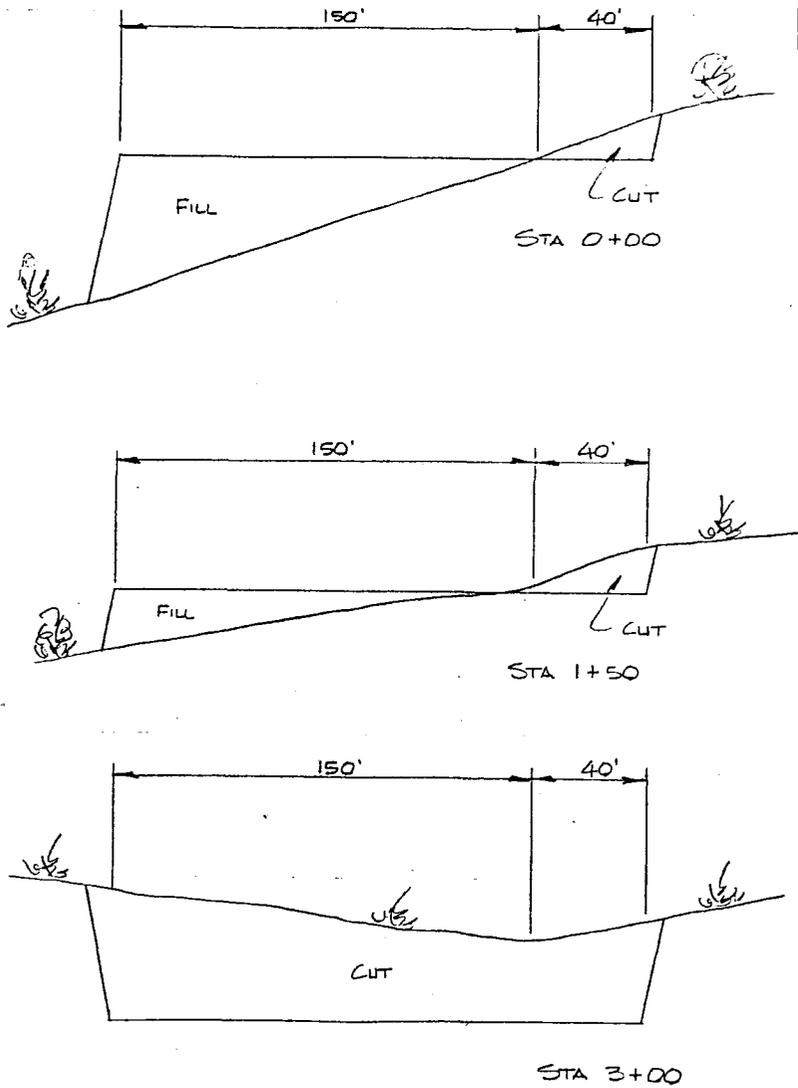
⑧ EI 6571 08  
C-908

EI 6552 66  
F-934

SOILS LITHOLOGY



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Scales

1" = 50'

APPROXIMATE YARDAGES

Cu. Yds. Cut - 5,372

Cu. Yds. Fill - 3,879

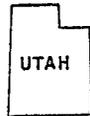


T55

SCALE 1" = 2000'

RQAD CLASSIFICATION

Light duty road, all weather, improved surface            Unimproved road fair or dry weather           



UTAH  
QUADRANGLE LOCATION

MYTON, UT 18.6 M  
U.S. 40 10.0 MILE

R 5 W  
R 4 W

ED LOCATION  
TRIBAL #6-13

#1-18

PROPOSED ROAD  
± 850'

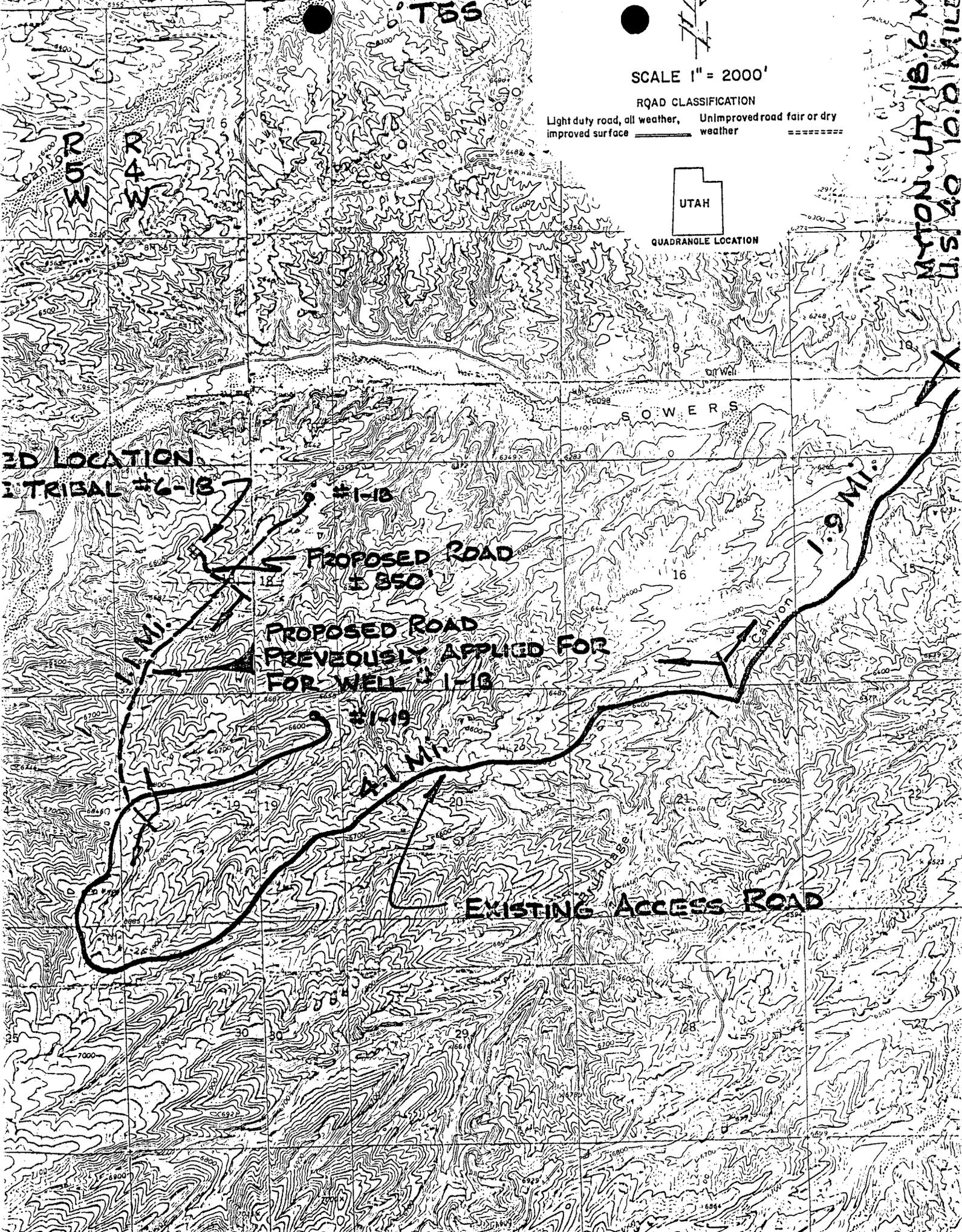
PROPOSED ROAD  
PREVIOUSLY APPLIED FOR  
FOR WELL #1-18

#1-19

ALM

EXISTING ACCESS ROAD

1.9 MI.



APPLICATION NO. 84-43-60  
DISTRIBUTION SYSTEM

# Application For Temporary Change of Point of Diversion, Place or Purpose of Use STATE OF UTAH

(To Be Filed in Duplicate)

Vernal, Utah ..... Sept. 4 1984 .....  
Place Date

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use of water, the right to the use of which was acquired by Appl. 9013 (43-1650) (Strike out written matter not needed)  
(Give No. of application, title and date of Decree and Award No.)  
to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

- The owner of right or application is R. W. & Nelda Young
- The name of the person making this application is Matador Service
- The post office address of the applicant is P. O. Box 1958, Roosevelt, Utah 84066

### PAST USE OF WATER

- The flow of water which has been used in second feet is 2.0
- The quantity of water which has been used in acre feet is
- The water has been used each year from Jan. 1 to Dec. 31 (Month) (Day) (Month) (Day) incl.
- The water has been stored each year from to (Month) (Day) (Month) (Day) incl.
- The direct source of supply is Sowers Creek in Duchesne County.
- The water has been diverted into Ditch ditch canal at a point located N. 800 ft. E. 500 ft. from the SW Cor. SEC. 9, T5S, R4W, USB&M
- The water involved has been used for the following purpose: Incid. Stockwater & Irrigation

Total 85.40 acres.  
NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give place and purpose of use.

### THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

- The flow of water to be changed in cubic feet per second is
- The quantity of water to be changed in acre-feet is 26.0
- The water will be diverted into the Tank Trucks ditch canal at a point located N. 1250' W. 1100' from the SE Cor. SEC. 10, T4S, R4W, USB&M
- The change will be made from Sept. 4 19 84 to Sept. 4 19 85 (Period must not exceed one year)
- The reasons for the change are To be used for oil well drilling purposes
- The water involved herein has heretofore been temporarily changed \_\_\_\_\_ years prior to this application. (List years change has been made)
- The water involved is to be used for the following purpose: 13 wells: (See Attached Sheet.)

Total \_\_\_\_\_ acres.  
NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

### EXPLANATORY

A filing fee in the sum of 7.50 is submitted herewith. I agree to pay an additional fee for either investigating or advertising, or both, upon the request of the State Engineer.

**RULES AND REGULATIONS**

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$7.50. If the change affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:

State Engineer  
State Capitol Building  
Salt Lake City, Utah

**STATE ENGINEER'S ENDORSEMENTS**

(Not to be filled in by applicant)

Change Application No. .... (River System)

1. .... Application received by Water Commissioner .... (Name of Commissioner)

Recommendation of Commissioner .....

2. 9-4-84 Application received over counter by mail in State Engineer's Office by S. N.

3. .... Fee for filing application, \$7.50 received by ..... ; Rec. No. ....

4. .... Application returned, with letter, to ..... for correction.

5. .... Corrected application resubmitted over counter by mail to State Engineer's Office.

6. .... Fee for investigation requested \$.....

7. .... Fee for investigation \$....., received by ..... : Rec. No. ....

8. .... Investigation made by ..... ; Recommendations: .....

9. .... Fee for giving notice requested \$.....

10. .... Fee for giving notice \$....., received by ..... : Rec. No. ....

11. .... Application approved for advertising by publication mail by .....

12. .... Notice published in.....

13. .... Notice of pending change application mailed to interested parties by ..... as follows:

14. .... Change application protested by ..... (Date Received and Name)

15. .... Hearing set for ..... at .....

16. .... Application recommended for rejection approval by .....

17. .... Change Application rejected approved and returned to .....

**THIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:**

- 1. ....
- 2. ....
- 3. ....

for  
D. Hansen, P. E. State Engineer

Par. # 17 - Brundage Canyon Ute Tribal 10-21, NW $\frac{1}{4}$ SE $\frac{1}{4}$  Sec. 21, T5S,R4W, USB&M  
Brundage Canyon Ute Tribal 6-22, SE $\frac{1}{4}$ NW $\frac{1}{4}$  Sec. 22, T5S,R4W,USB&M  
Brundage Canyon Ute Tribal 10-16, NW $\frac{1}{4}$ SE $\frac{1}{4}$  Sec. 16, T5S,R4W,USB&M  
Brundage Canyon Ute Tribal 2-21 NW $\frac{1}{4}$ NE $\frac{1}{4}$  Sec. 21, T5S,R4W,USB&M

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COTTONWOOD RIDGE UTE TRIBAL

11-5 SW $\frac{1}{4}$ NW $\frac{1}{4}$  Sec. 5, T5S,R4W,USB&M  
3-7 NE $\frac{1}{4}$ NW $\frac{1}{4}$  Sec. 7, T5S,R4W,USB&M  
6-18 SE $\frac{1}{4}$ NW $\frac{1}{4}$  Sec. 18, T5S,R4W,USB&M

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SOWERS CANYON RIDGE UTE TRIBAL

4-19, NW $\frac{1}{4}$ NW $\frac{1}{4}$  Sec. 19, T5S,R4W, USB&M

---

SE INDIAN CANYON UTE TRIBAL

6-3 SE $\frac{1}{4}$ NW $\frac{1}{4}$  Sec. 3, T5S,R4W,USB&M

---

TABBY CANYON UTE TRIBAL

15-14 SW $\frac{1}{4}$ SE $\frac{1}{4}$  Sec. 14, T5S,R5W,USB&M

---

SOWERS CANYON UTE TRIBAL

9-4-NE $\frac{1}{4}$ SE $\frac{1}{4}$  Sec. 4, T5S,R4W,USB&M  
1-9 NE $\frac{1}{4}$ NE $\frac{1}{4}$  Sec. 9, T5S,R4W,USB&M  
3-10 NE $\frac{1}{4}$ NW $\frac{1}{4}$  Sec. 10, T5S,R4W,USB&M

---

OPERATOR Lyman Exploration DATE 10-30-84

WELL NAME Cottonwood Ridge Ute Infil #6-18

SEC SE NW 18 T 55 R 4W COUNTY Duchesne

43-013-31018  
API NUMBER

Indian  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

No other wells within 1000'  
Water of 84-43-60

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a \_\_\_\_\_ CAUSE NO. & DATE

c-3-b  c-3-c

SPECIAL LANGUAGE: STIPULATIONS

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RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER \_\_\_\_\_

UNIT \_\_\_\_\_

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 1, 1984

Lomax Exploration Company  
P. O. Box 4503  
Houston, Texas 77210

Gentlemen:

Re: Well No. Cottonwood Ridge Ute Tribal #6-18 - SE NW Sec. 18, T. 5S, R. 4W  
2008' FNL, 1889' FWL - Duchesne County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure.

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

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2

Lomax Exploration Company

Well No. Cottonwood Ridge Ute Tribal #6-18

November 1, 1984

5. 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 43-013-31018.

Sincerely,



R. J. Firth

Associate Director, Oil & Gas

as

Enclosures

cc: Branch of Fluid Minerals  
Bureau of Indian Affairs

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  
 Lomax Exploration Company

3. ADDRESS OF OPERATOR  
 P. O. Box 4503      Houston, Texas      77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface      2008' FNL & ~~1839'~~<sup>1884'</sup> FWL (SE NW)  
 At proposed prod. zone  
 Same

5. LEASE DESIGNATION AND SERIAL NO.  
 14-20-H62-3437

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Cottonwood Ridge  
 Ute Tribal

9. WELL NO.  
 6-18

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
 Sec. 18 T5S R4W

12. COUNTY OR PARISH      13. STATE  
 Duchesne      Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 7-1/2 miles South of Duchesne Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      1889'

16. NO. OF ACRES IN LEASE      622.2

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.      3125'

19. PROPOSED DEPTH      6200'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6563' GR

22. APPROX. DATE WORK WILL START\*  
 February 1985

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300	210 sx (to surface)
7-7/8"	5-1/2"	17#	TD	As required

RECEIVED  
 JAN 21 1985

DEPARTMENT OF  
 OH. GAS & MINING

OCT 1984

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] G. L. Pruitt TITLE V.P. Drilling & Production DATE October 18, 1984  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

UT-080-5-M-024

\*See Instructions On Reverse Side



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

IN REPLY  
REFER TO:

3100  
O & G

January 10, 1985

Lomax Exploration Company  
P. O. Box 4503  
Houston, TX 77210

Re: Application for Permit to Drill  
Well No. 6-18  
Section 18, 5S 4W  
Duchesne County, Utah  
Lease No. 14-20-H62-3437

The referenced application for permit to drill was received in this office on October 22, 1984.

Reviewing the application disclosed that we have not received the additional required information to make your application administratively complete.

Therefore, in accordance with Onshore Oil & Gas Order No. 1, we are returning your application unapproved.

This office will commence processing the application upon receipt of a new complete package.

If you have any questions, please feel free to call.

Sincerely

Assistant District Manager  
for Minerals

Enclosure

RECEIVED  
JAN 21 1985

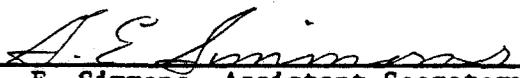
DEPARTMENT OF  
OIL, GAS & MINING

SECRETARY'S CERTIFICATE

STATE OF TEXAS )  
 )  
COUNTY OF HARRIS )

I, G. E. Simmons, hereby certify that I am a duly appointed Assistant Secretary, of Meridian Oil Inc., a corporation duly organized and existing under the laws of the State of Delaware and that Milestone Petroleum Inc.'s, a corporation existing under the laws the State of Delaware, name is, as of March 20, 1985 Meridian Oil Inc.

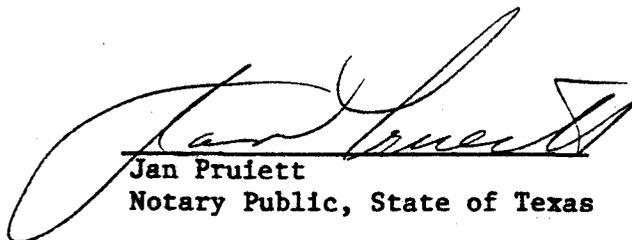
Further affiant sayeth not.

  
\_\_\_\_\_  
G. E. Simmons, Assistant Secretary  
Meridian Oil Inc.

STATE OF TEXAS )  
 )  
COUNTY OF HARRIS )

Before me, the undersigned authority, on this 20th day of August, 1985 appeared G. E. Simmons, known to me to be the Assistant Secretary of Meridian Oil Inc., and acknowledged to me that he executed the foregoing instrument for the purposes therein expressed and in the capacity therein stated.

Given under my hand and seal of office this 20th day of August, 1985.

  
\_\_\_\_\_  
Jan Pruiett  
Notary Public, State of Texas

(SEAL)

My Commission Expires  
August 24, 1988

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah  
SERIAL No.: BIA 14-20-H623437

and hereby designates

NAME: Lomax Exploration Company  
ADDRESS: P. O. Box 4503  
Houston, Texas 77210

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 5 South, Range 4 West  
Section 18: A11

Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

MERIDIAN OIL INC., acting as agent for  
MERIDIAN OIL PRODUCTION INC.  
formerly EL PASO PRODUCTION COMPANY



(Signature of lessee)

J. C. Beck, Attorney-in-Fact  
5613 DTC Parkway  
Englewood, Colorado 80111

(Address)

September 6, 1985

(Date)



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

IN REPLY  
REFER TO:

3100  
O&G  
(U-8010)

RECEIVED

AUG 22 1985

August 20, 1985

DIVISION OF OIL  
GAS & MINING

Lomax Exploration Company  
P.O. Box 4503  
Houston, TX 77210-4503

Re: Application for Permit to Drill  
Well No. Cottonwood Ridge 6-18  
Section 18, T5S, R4W  
Lease No. 14-20-H62-3437  
Duchesne County, Utah

Gentlemen:

On November 7, 1984, the BLM Vernal District Office received your referenced application. Your APD has been pending since that time.

As stated in Onshore Oil and Gas Order No. 1, if the operator has not submitted the required information within 45 days of the date of any oral or written notice, the application shall be returned to the proponent. On February 22, 1985, we sent you written notice that the referenced APD had been pending over 30 days. Accordingly, we are returning your APD unapproved. On August 2, 1985, the BLM confirmed through a telephone conversation with Mr. Jim Schaeffer from Lomax's office in Roosevelt, Utah that this pending APD should be returned at this time. If in the future you intend to drill at this location please resubmit your application so that it can be processed in accordance with Onshore Oil and Gas Order No. 1.

If you have any questions regarding this notice, please contact Amy Heuslein, Environmental Scientist, Diamond Mountain Resource Area, BLM, at (801) 789-1362.

Thank you for your cooperation.

Sincerely,

Craig M. Hansen  
Assistant District Manager for Minerals

cc: Mr. Jim Schaeffer  
Lomax Exploration Company  
Box 1446  
Roosevelt, Utah 84066



RECEIVED

SEP 24 1985

DIVISION OF OIL  
GAS & MINING

September 20, 1985

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

Re: Designation of Operator

Dear Gentlemen:

Please find the attached Designation of Operator, in triplicate, for the following leases:

Sec. 18, T5S, R4W BIA 14-20-H62-3437  
Sec. 28, T5S, R4W BIA 14-20-H62-3441  
Sec. 24, T5S, R4W BIA 14-20-H62-3424

Also attached is a Secretary's Certificate declaring the name change of El Paso Exploration Company to Meridian Oil Production Inc.

If any further information is required please advise.

Very truly yours,



Jodie S. Faulkner  
Production Technician

cc: State of Utah  
Division of Oil, Gas & Mining  
355 W. N. Temple  
Three Triad Center - Suite 350  
Salt Lake City, Utah 84180-1203

Pam Adamson

Bureau of Indian Affairs  
Box 190  
Ft. Duchesne, UT 84026

Ute Tribe  
Energy & Minerals Division  
Ft. Duchesne, UT 84076

JSF/jc



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 17, 1986

Lomax Exploration Company  
P.O. Box 4503  
Houston, Texas 77210-4503

Gentlemen:

Re: Well No. Cottonwood Ridge Ute #6-18 - Sec. 18, T. 5S, R. 4W  
Duchesne County, Utah - API #43-013-31018

In concert with action taken by the Bureau of Land Management, August 20, 1985, 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 future drilling of the subject location.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza  
Petroleum Engineer

ts  
cc: Dianne R. Nielson  
Ronald J. Firth  
File

0320/48