

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED 8-28-81

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. U-33992 INDIAN _____

DRILLING APPROVED: 10-2-81

SPOUDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: 5428' GR

DATE ABANDONED: 1-29-84 LA application rescinded

FIELD: Wildcat MONUMENT BUTTE 3/86

UNIT: _____

COUNTY: Duchesne

WELL NO. Federal #4-1 API# 43-013-30602

LOCATION 1984' FT. FROM (N) LINE. 666' FT. FROM (W) LINE. SW NW 1/4 - 1/4 SEC. 1

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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<u>9S</u>	<u>16E</u>	<u>1</u>	<u>LOMAX EXPLORATION</u>
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
333 N. Belt East, Suite 880, Houston, TX 77060

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface **1984 FNL, 666 FWL, Section 1**
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
14 Miles from Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	666	16. NO. OF ACRES IN LEASE	240	17. NO. OF ACRES ASSIGNED TO THIS WELL	80
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	2718	19. PROPOSED DEPTH	6200	20. ROTARY OR CABLE TOOLS	Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)				22. APPROX. DATE WORK WILL START*	
GR - 5428				March, 1982	

5. LEASE DESIGNATION AND SERIAL NO.
U-33992

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
4-1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 1, T9S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8 5/8	24#	300	200 sx
7 7/8	5 1/2	15.5#	TD	500 sx

- ATTACHMENTS:
1. 10 Point Program
 2. 13 Point Surface Use Plan
 3. Location Plat
 4. Location Layout
 5. Topo Maps "A" & "BB"

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 **Mgr. Drilling & Production** DATE 8/28/81

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] FOR **E. W. GUYNN** DATE **OCT 21 1982**
 TITLE **DISTRICT OIL & GAS SUPERVISOR**

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

*See Instructions On Reverse Side

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

State 0#6

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

Lomax Exploration Company
Well No. 4-1
Section 1, T9S, R16E
Duchesne County, Utah
Lease U-33992

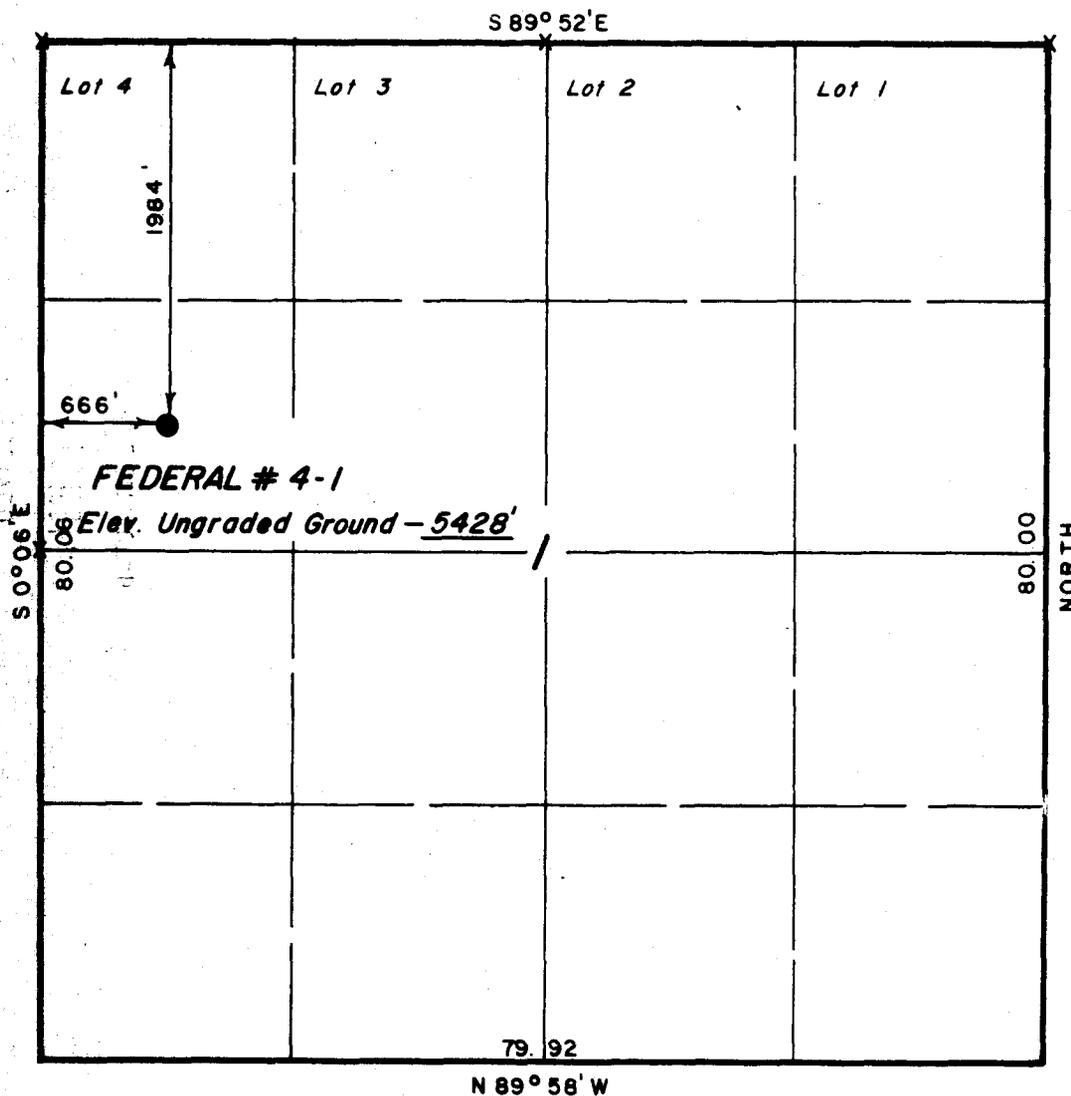
Supplemental Stipulations:

1. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
2. Topsoil will be stockpiled as addressed in the applicants 13 point plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
3. Burn pits will not be constructed. There will be no burning or burying of garbage or trash at the well site. Refuse must be contained and hauled to an approved disposal site.
4. All permanent structures, onsite for 6 months duration or longer, constructed or installed, shall be painted a flat, non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
5. The pit will be reduced to 75' x 150'. The topsoil will be stockpiled at point #1. The access road will be changed as discussed at the joint onsite.
6. The BLM will be contacted at least 24 hours prior to any rehabilitation activities.
7. Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons (and saline minerals) in the Mahogany zone of the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale (and saline minerals) resource. Surface casing program may require adjustment for protection of fresh water aquifers.

T 9 S, R 16 E, S.L.B. & M.

PROJECT
LOMAX EXPLORATION

Well location, **FEDERAL # 4-1**,
located as shown in the SW 1/4 NW 1/4
Section 1, T9S, R16E, S.L.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

Lawrence E. Ray

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 7/22/81
PARTY DB, LM, KR RS	REFERENCES GLO PLAT
WEATHER HOT	FILE LOMAX

X = Section Corners Located

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
 333 N. Belt East, Suite 880, Houston, TX 77060

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 1984 FNL, 666 FWL, Section 1
 At proposed prod. zone **SWNW**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 14 Miles from Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 666

16. NO. OF ACRES IN LEASE 240

17. NO. OF ACRES ASSIGNED TO THIS WELL ~~80~~ 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2718

19. PROPOSED DEPTH 6200

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GR - 5428

22. APPROX. DATE WORK WILL START*
 March, 1982

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'	200 sx <i>Cemented to surf.</i>
7 7/8	5 1/2	15.5#	TD	500 sx

- ATTACHMENTS:
1. 10 Point Program
 2. 13 Point Surface Use Plan
 3. Location Plat
 4. Location Layout
 5. Topo Maps "A" & "B"

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
 DATE: 10-2-81
 BY: [Signature]

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 Mgr. Drilling & Production DATE 8/28/81

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

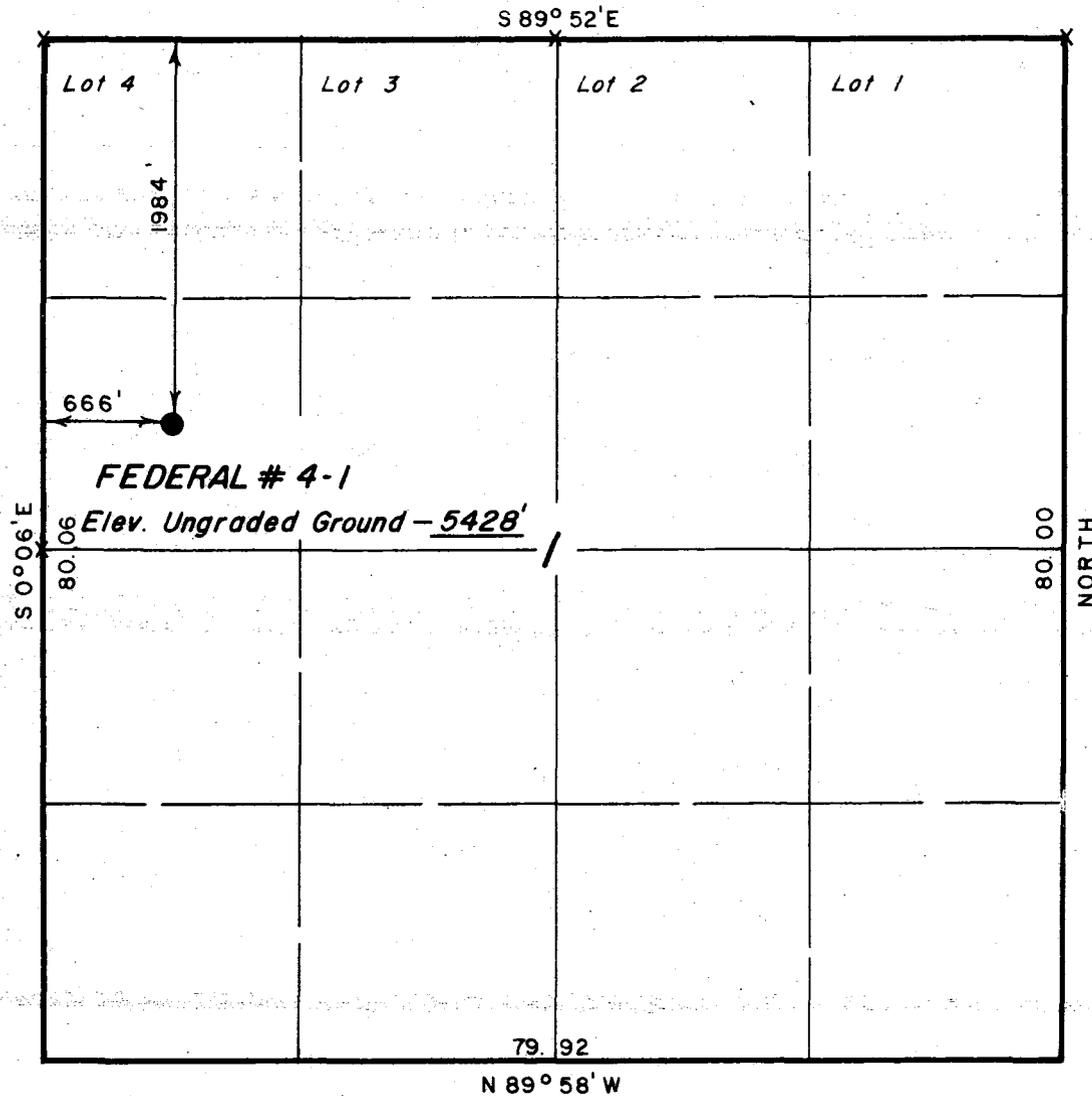
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

T 9 S, R 16 E, S. L. B. & M.

PROJECT
LOMAX EXPLORATION

Well location, **FEDERAL # 4-1**,
located as shown in the SW1/4 NW1/4
Section 1, T9S, R16E, S.L.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.

Lawrence C. Ray

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 7/22/81
PARTY DB, LM, KR RS	REFERENCES GLO PLAT
WEATHER HOT	FILE LOMAX

X = Section Corners Located

August 28, 1981

State of Utah
Division of Oil, Gas and Mining
1588 West, North Temple
Salt Lake City, Utah 84116

NTL-6 Transmittal
Lomax Exploration Company

Gentlemen:

Attached, you will find two copies of the APD/NTL-6 for the following locations in Utah:

Federal #2-1
NE NE Sec. 1, T9S, R16E
Duchesne County, Utah

Federal #2-35
NE SE Sec. 35, T8S, R16E
Duchesne County, Utah

Federal #3-1
SW NE Sec. 1, T9S, R16E
Duchesne County, Utah

Federal #3-35
SW NE Sec. 35, T8S, R16E
Duchesne County, Utah

Federal #4-1
SW NW Sec. 1, T9S, R16E
Duchesne County, Utah

Federal #4-35
NE SW Sec. 35, T8S, R16E
Duchesne County, Utah

Thank you for your attention to this matter.

Very truly yours,


G. L. Pruitt
Mgr. Drilling & Production

GLP/mdw
Enclosures

RECEIVED
AUG 31 1981
DIVISION OF
OIL, GAS & MINING

TEN POINT WELL PROGRAM

Lomax Exploration Company
Federal #4-1
SW NW Section 1, T9S, R16E
Duchesne County, Utah

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0-2910
Green River	2910
Wasatch	5970

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

Green River	2910	
H zone	3250	Sand & Shale - possible oil & gas shows
J zone	4150	Sand & Shale - Oil & Gas shows anticipated
M zone	5450	Sand & Shale - primary objective - oil

4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; set at 300'
5 1/2", J-55, 15.50#, STC; 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 water to the "J" zone and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

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

8. TESTING, LOGGING AND CORING PROGRAMS:

No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction 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 H₂S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence approximately March, 1982, and will last one month.

LOMAX EXPLORATION
13 Point Surface Use Plan
For
Well Location
Federal #4-1
Located In
Section 1, T9S, R16E, S.L.B.& M.
Duchesne County, Utah

LOMAX EXPLORATION
Federal #4-1
Section 1, T9S, R16E, S.L.B.& M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLORATION well location site Federal #4-1, located in the SW 1/4 NW 1/4 Section 1, T9S, R16E, S.L.B.& M., Duchesne County, Utah:

Proceed Westerly out of Vernal, Utah along U.S. Highway 40 - 49.0 miles + to the junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 5.4 miles to its junction with an existing dirt road to the Southwest; proceed Southwesterly along this road 2.9 miles to its junction with an existing dirt road to the Southeast; proceed Sosetheast along this road 1.4 miles to its junction with an existing dirt road to the East. Proceed Easterly along this road 0.6 miles to its junction with the proposed access road (to be discussed in Item #2).

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South; thereafter the road is constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintined by County crews.

The aforementioned dirt oil field service roads and other roads in the vacinity are constructed out of existng 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. 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 planned road leaves the existing road described in Item #1 in the NE 1/4 NE 1/4 Section 2, T9S, R16E, S.L.B.& M., and proceeds in a Southeasterly direction approximately 0.4 miles to the proposed 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 meterological 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 may be one culvert required along this access road, it will be placed according to specifications for culvert placement found in the Oil & Gas Operation Manual.

There will be no turnouts required along this road.

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

The lands involved in this action are under B.L.M. jurisdiction.

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 abandoned well and two producing wells within a one mile radius of this location site. (See Topographic Map "B")

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are two existing LOMAX EXPLORATION wells within a one mile radius of this location site. Each of these locations have the following production facilities - two 300 barrel tnks, line heaters, pumping units and heater trace.

A tank battery site will be set 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 well 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 operatrion 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 road approximately 16.3 miles from the Duchesne River at a point where it crosses under U.S. Highway 40.

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 material 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. METHODS 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 of 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.L.M. District Manager shall be notified before any construction begins on the proposed location site .

LOMAX EXPLORATION

Federal #4-1

Section 1, T9S, R16E, S.L.B. & M.

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 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 and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. Representative 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 Green River is located approximately 17 miles to the Southeast 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 visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

LOMAX EXPLORATION
Federal #4-1
Section 1, T9S, R16E, S.L.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 are 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").

Federal #4-1 is located approximately 1.5 miles North of Castle Peak Draw a non-perennial drainage which runs to the North & East.

The terrain in the vicinity of the location slopes from the Southwest through the location site to the Northeast at approximately 2.7% 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 archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Jack Pruitt
LOMAX EXPLORATION
333 North Belt East, Ste. 880
Houston, TX 77060

1-713-931-9276

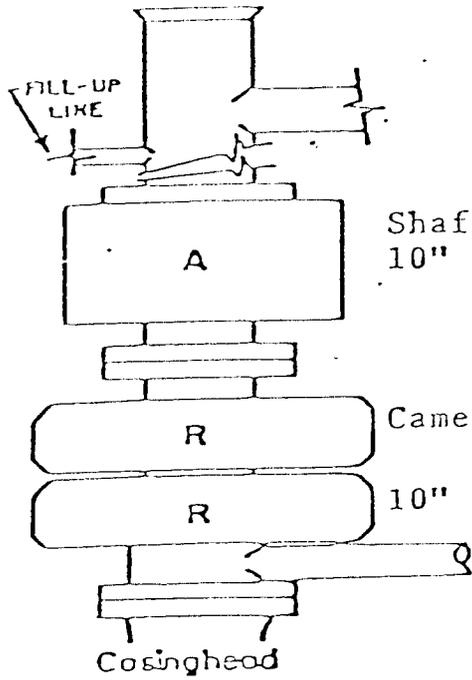
LOMAX EXPLORATION
Federal #4-1
Section 1, T9S, R16E, S.L.B.& M.

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 and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

8/28/81
Date

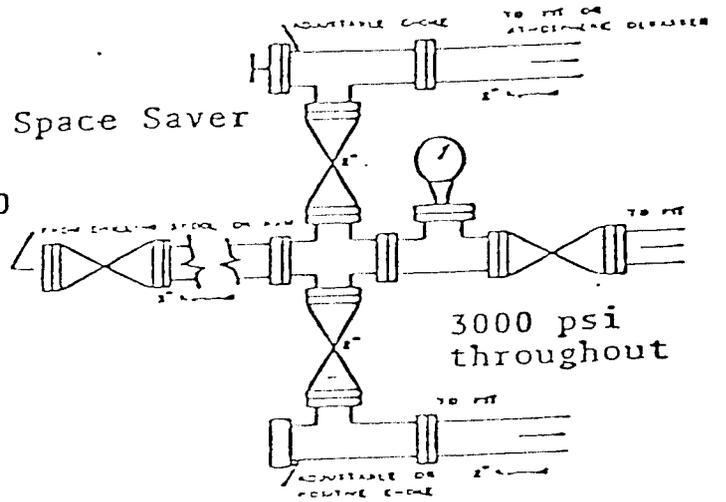
Jack Pruitt
Jack Pruitt



Shaffer Spherical
10" 900

Cameron Space Saver

10" 900



LOMAX EXPLORATION CO.
FEDERAL # 4-1

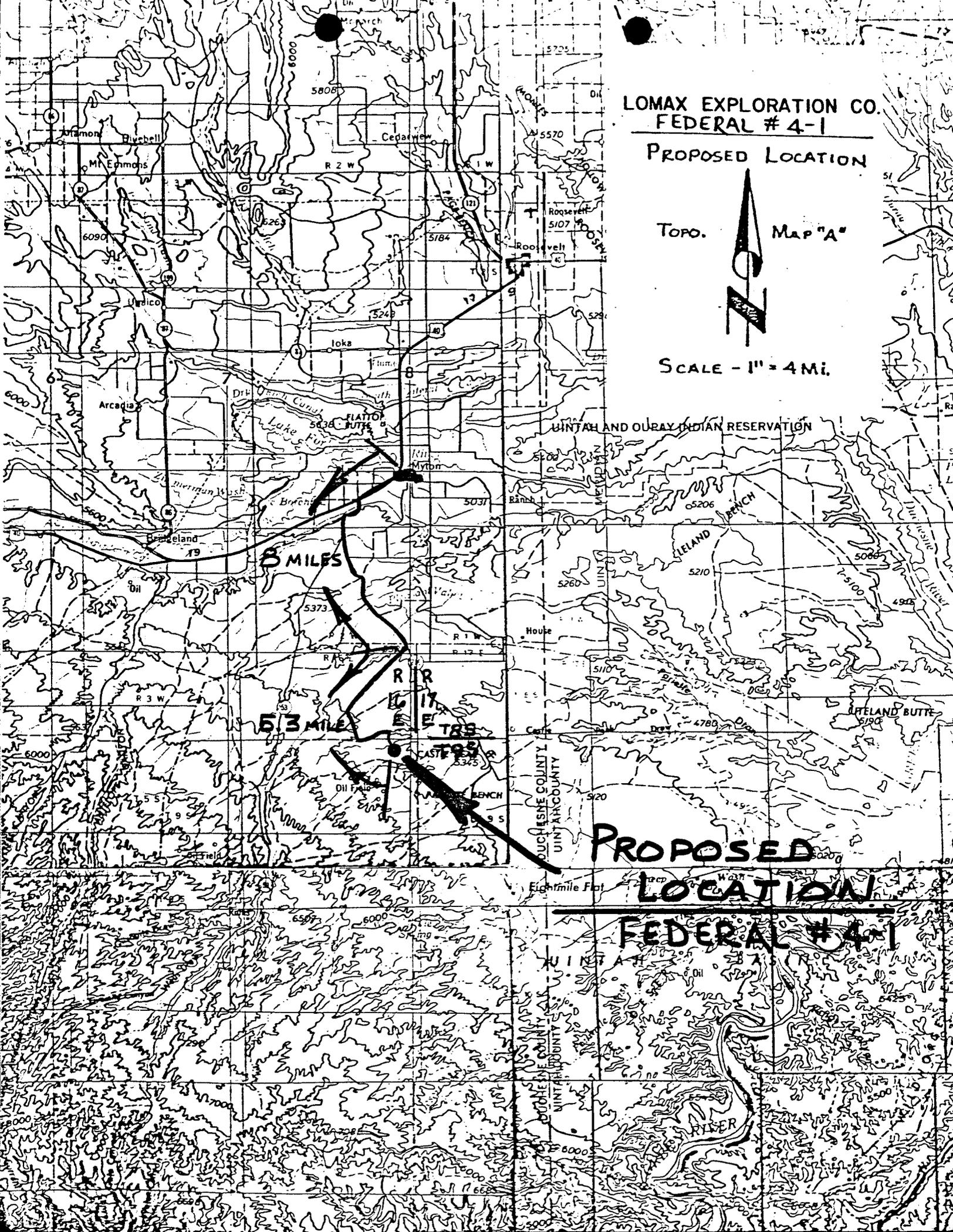
PROPOSED LOCATION

TOPO.

MAP "A"



SCALE - 1" = 4 Mi.



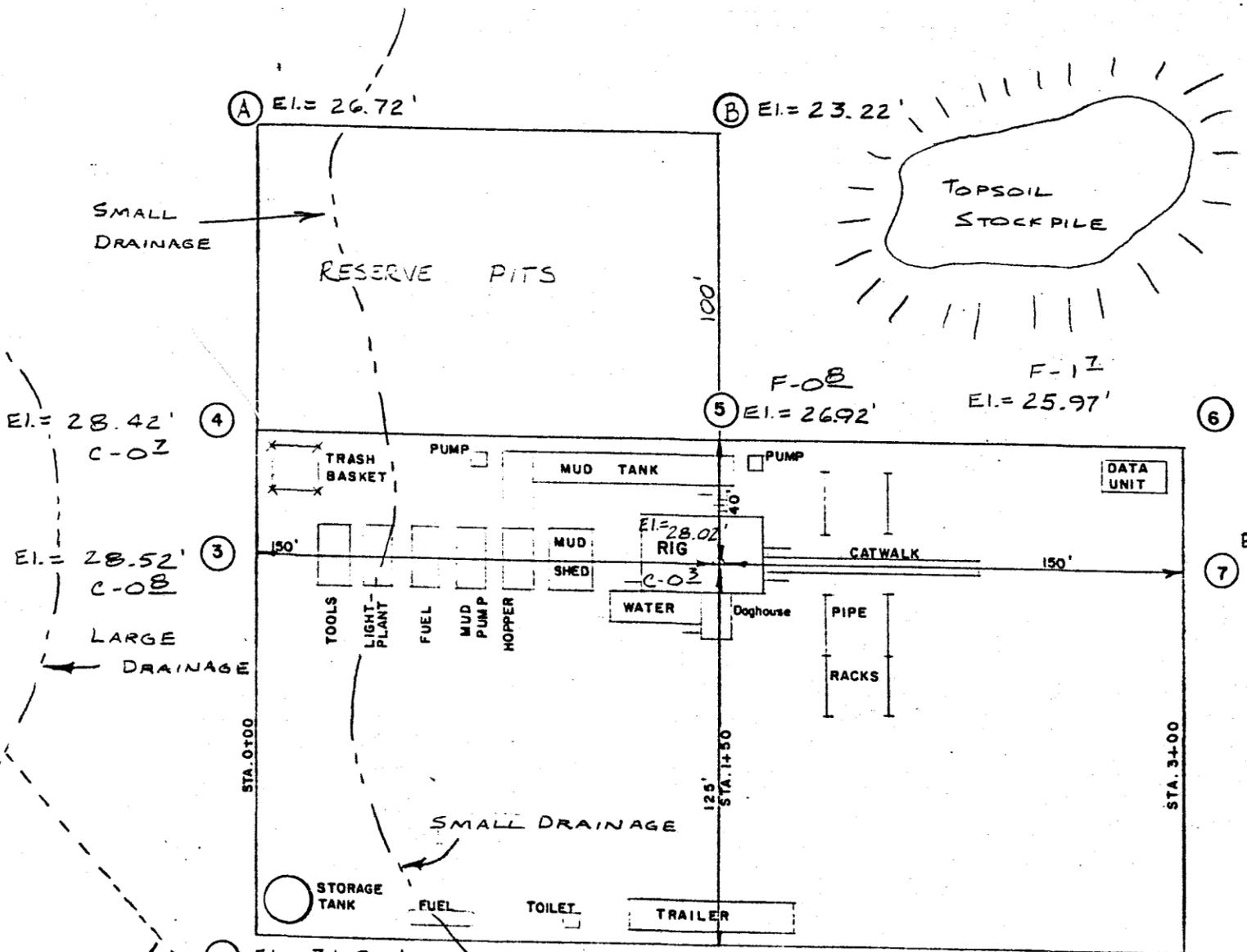
5 MILES

5.3 MILES

PROPOSED
LOCATION
FEDERAL # 4-1

LOMAX EXPLORATION

FEDERAL # 4-1



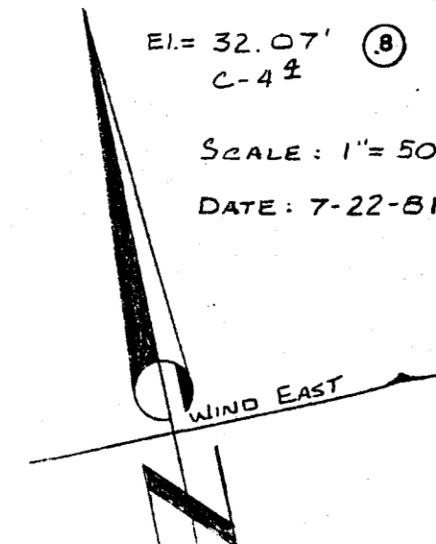
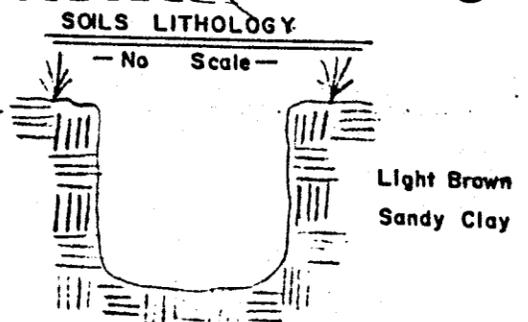
Ei. = 28.42' C-02

Ei. = 28.52' C-08

Ei. = 31.92' C-42

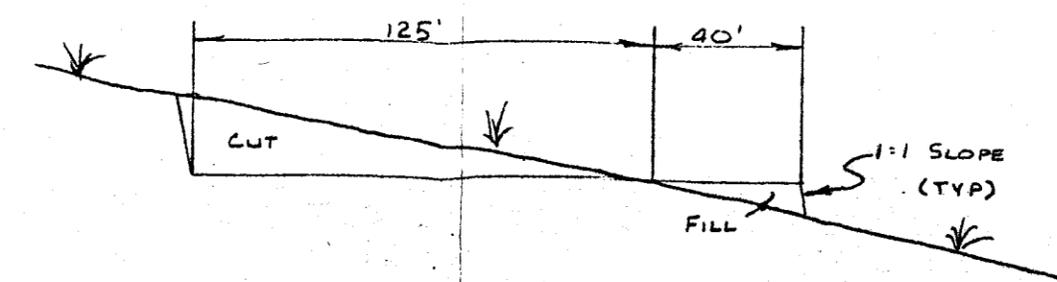
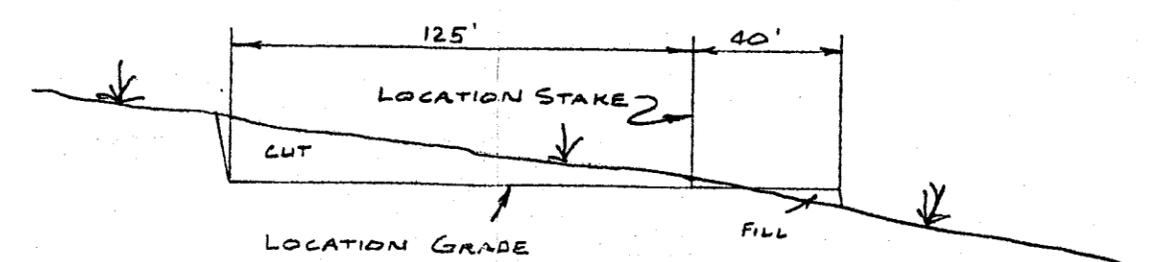
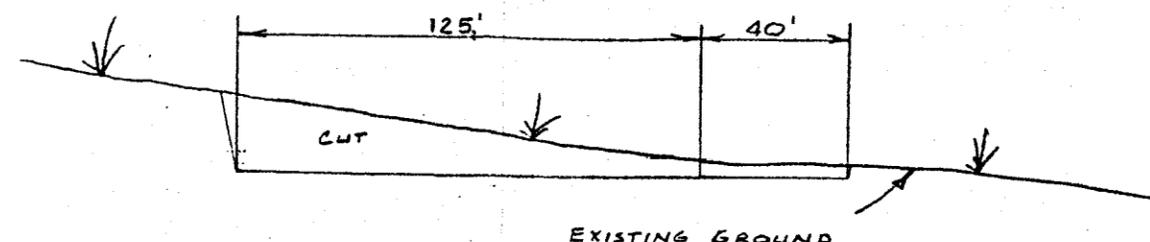
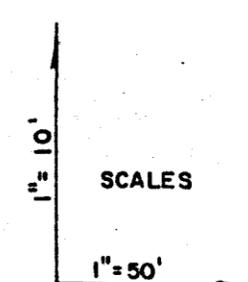
Ei. = 31.12' C-3±

Ei. = 32.07' C-4±



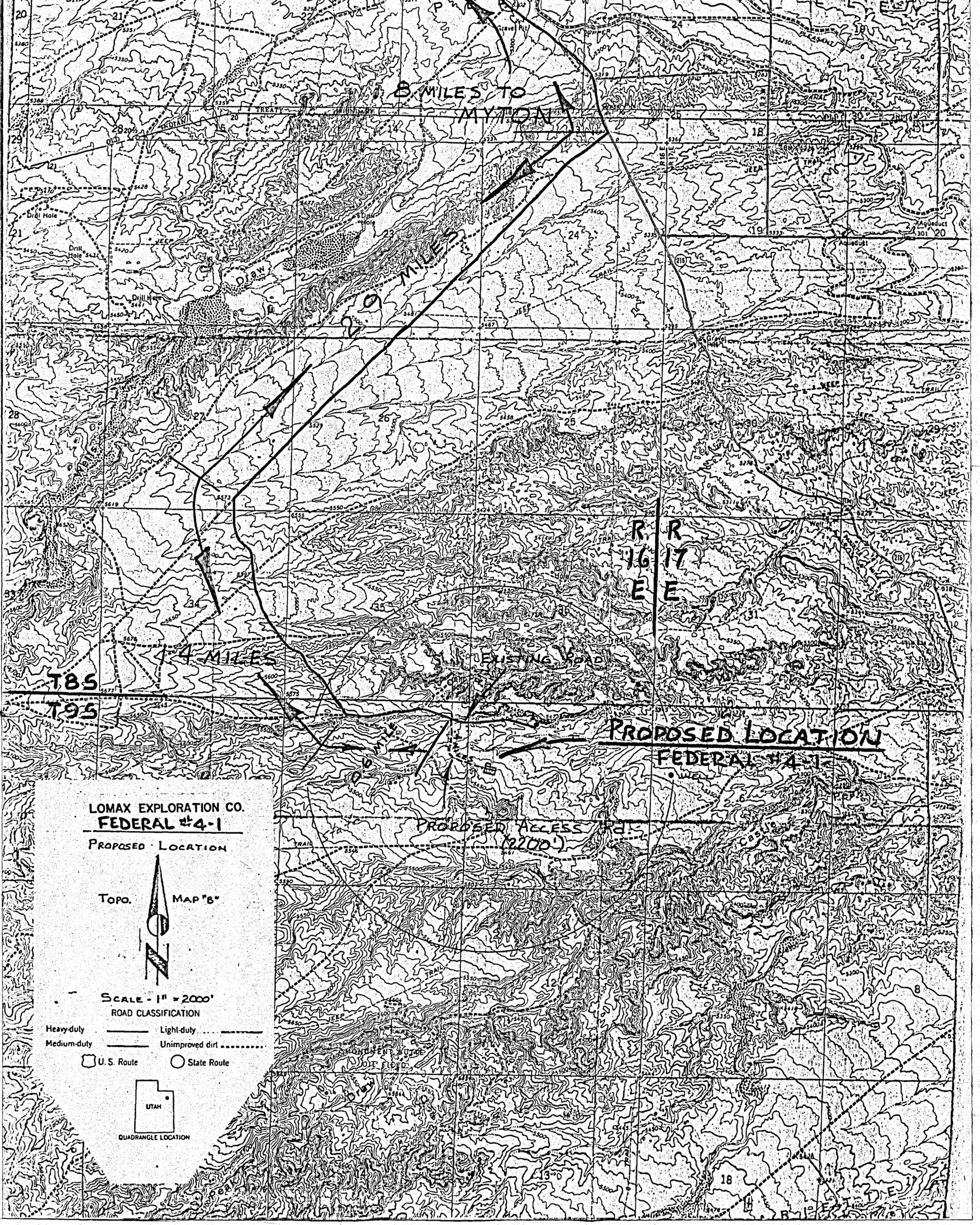
SCALE: 1" = 50'
 DATE: 7-22-81

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APPROXIMATE YARDAGES

Cubic Yards of Cut - 3069
 Cubic Yards of Fill - 182



LOMAX EXPLORATION CO.
FEDERAL #4-1

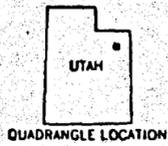
PROPOSED LOCATION

Topo. MAP "B"

SCALE - 1" = 2000'
ROAD CLASSIFICATION

Heavy-duty Light-duty
Medium-duty Unimproved dirt

U. S. Route State Route



UTAH
QUADRANGLE LOCATION

** FILE NOTATIONS **

DATE: Sept. 29, 1981

OPERATOR: Lomax Explor. Co.

WELL NO: Fed. #4-1

Location: Sec. 1 T. 9S R. 16E County: Duchess

File Prepared: Entered on N.I.D:

Card Indexed: Completion Sheet:

API Number 43-013-30602

CHECKED BY:

Petroleum Engineer: M.S. Minder 10-2-81

Director: _____

Administrative Aide: As Per Rule C-3,

APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. _____ O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Plotted on Map

Approval Letter Written

Hot Line P.I.

October 2, 1981

Lomax Exploration Company
333 N. Belt East, Suite #880
Houston, Texas 77060

RE: Well No. Federal #4-1,
Sec. 1, T. 9S, R. 16E,
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30602.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

March 10, 1983

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

Re: See attached list of wells

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf

Well No. State # 15-32
Sec. 32, T. 8S, R. 17E.
Duchesne County, Utah

Well No. Federal # 3-1
Sec. 1, T. 9S, R. 16E.
Duchesne County, Utah

Well No. Federal # 4-1
Sec. 1, T. 9S, R. 16E.
Duchesne County, Utah

Well No. Federal # 9-23
Sec. 23, T. 9S, R. 16E.
Duchesne County, Utah

March 16, 1983

Ms. Cari Furse
State of Utah
Division of Oil and Gas
4241 State Office Building
Salt Lake City, Utah 84114

State #15-32
Federal #3-1
Federal #4-1
Federal #9-23

Dear Ms. Furse:

This letter is in response to your letter dated March 10, 1983 concerning our plans for the subject wells. We plan to drill wells #3-1, #4-1 and #15-32 some time in the future. Federal #9-23 was spud on March 15, 1983 (Sundry Notice enclosed).

Please sign copy of letter enclosed and return in envelope provided to acknowledge receipt of this letter.

If you need additional information, please advise.

Very truly yours,



Paul Curry
Engineering Assistant

PC/mt
Enclosures

3-22-83
Date

Cari Furse
Signed



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

December 5, 1983

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

Re: See Attached Well Sheet

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

A handwritten signature in cursive script that reads "Claudia Jones".

Claudia Jones
Well Records Specialist

CJ/cj

Well No. Ute Tribal #11-13
NE SW Sec. 13, T. 4S, R. 3W.
1940' FSL, 1980' FWL
Duchesne County, Utah

Well No. Ute Tribal 1-25
NE NE Sec. 25, T. 4S, R. 3W.
661' FNL, 659' FEL
Duchesne County, Utah

Well No. Federal #13-35
SW SW Sec. 35, T. 8S, R. 16E.
640' FSL, 592' FWL
Duchesne County, Utah

Well No. State #15-36
SW SE Sec. 36, T. 8S, R. 16E.
793' FSL, 2133' FEL
Duchesne County, Utah

Well No. State #15-32
SW SE Sec. 32, T. 8S, R. 17E.
800' FSL, 2397' FEL
Duchesne County, Utah

Well No. Federal #3-1
SW NE Sec. 1, T. 9S, R. 16E.
1892' FNL, 1898' FEL
Duchesne County, Utah

Well No. Federal #4-1
SW NW Sec. 1, T. 9S, R. 16E.
1984' FNL, 666' FWL
Duchesne County, Utah

Well No. State #1A-2
NE NE Sec. 2, T. 9S, R. 16E.
646' FNL, 637' FEL
Duchesne County, Utah

Well No. Federal #1-23
NE NE Sec. 23, T. 9S, R. 16E.
638' FNL, 630' FEL
Duchesne County, Utah

December 22, 1984³

RECEIVED
DEC 27 1984

DIVISION OF
OIL, GAS & MINING

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

Attention: Ms. Claudia Jones

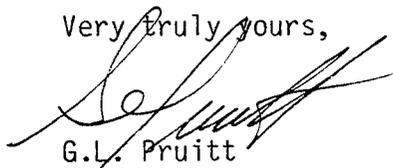
Permits to Drill

Gentlemen:

Please reference your letter dated December 5, 1983 concerning well permits for eight wells which have not been spudded. The Ute Tribal #1-25 and Federal #13-35 are scheduled in our immediate drilling plans. We intend to drill several of the other listed wells during 1984 and would therefore like to maintain an approved permit to drill.

Please let me know if this presents a problem.

Very truly yours,



G.L. Pruitt
V.P. Drilling & Production

GLP/mt

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



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

December 29, 1983

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

Attention: G.L. Pruitt

LA
RE: Well No. Federal #4-1
API #43-013-30602
1984' FNL, 666' FWL SW NE
Sec. 1, T. 9S, R 16E.
Duchesne County, Utah

Gentlemen:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded effective one calendar month from the date of this notice.

A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

Respectfully,

A handwritten signature in cursive script, appearing to read "Norman C. Stout".

Norman C. Stout
Administrative Assistant

NCS/cj



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
U-810

April 3, 1984

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

Re: Rescind Application for Permit to Drill
Well No. Federal 4-1
Section 1, T9S, R16E
Duchesne County, Utah
Lease U-33992

Gentlemen:

The Application for Permit to Drill the referenced well was approved on October 21, 1982. Since that date, no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Lloyd H Ferguson
District Manager

cc: Well File
State O & G
SMA

RECEIVED

APR 5 1984

DIVISION OF
OIL, GAS & MINING