

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-22245

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

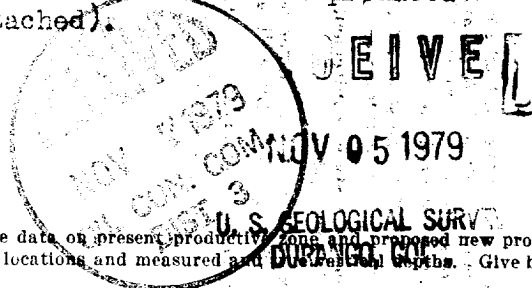
1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 82-080136	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Kimbell Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 1097, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Salazar 26	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 640' FNL & 550' FWL Section 26, T25N, R6W (N.M. Oil Conserv. Comm. approval of unorthodox location attached)		9. WELL NO. 4-2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles north Counselors Trading Post		10. FNL AND POOL OR WELL NO. S. 26, T. 25, R. 6, E. 1 Otero-Chacra Ext.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 550'		11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 26, T25N-R6W	
16. NO. OF ACRES IN LEASE 1440		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE N. Mexico	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1560'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6763' Ground		22. APPROX. DATE WORK WILL START* 60-90 days	

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 3/4"	8 5/8"	24#	200'	150 sks. (circul. to surf.)
6 5/8"	4 1/2"	10.5#	3710'	200 sks.

It is planned to set and cement 200' of 8 5/8" surface pipe and drill this well through the Chacra formation to a T.D. of 3710'. 4 1/2" casing will be run and cemented at T.D. and the Pictured Cliffs and Chacra formations perforated and sand water fractured. The gas from the 2 zones will be commingled if permission is granted by the New Mexico Oil Conservation Commission; otherwise, a packer will be set between the Pictured Cliffs and Chacra zones and each zone produced and metered separately. (Additional information attached).

you Lubster



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 depths. Give blowout preventer program, if any.

24. *E. A. Clement*  
SIGNER E. A. Clement TITLE Prod. Supt. DATE Nov. 2, 1979

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

ok Frank

NSL 1095

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1-78

All distances must be from the outer boundaries of the Section

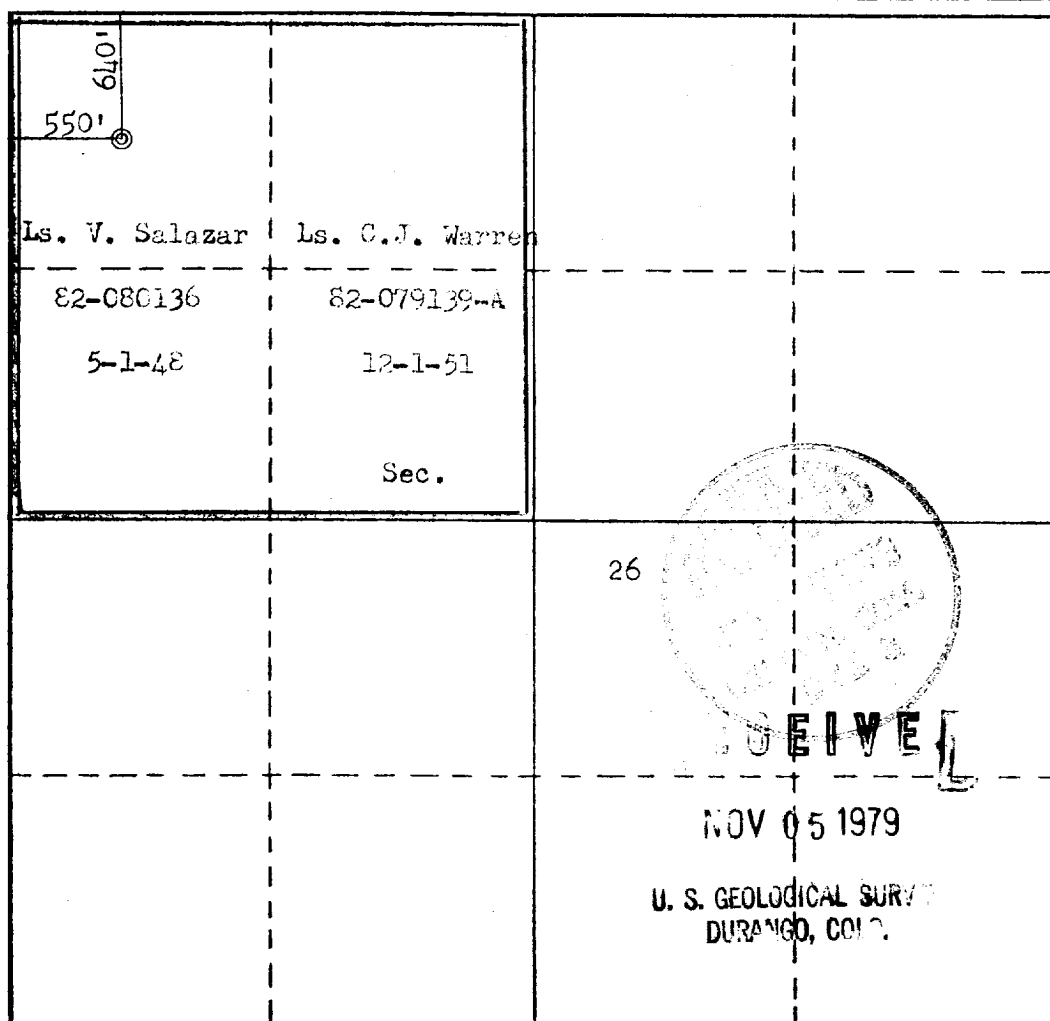
Operator <b>KIMBELL OIL COMPANY</b>			Lease <b>SALAZAR 26</b>		Well No. <b>4-35</b>
Unit Letter <b>D</b>	Section <b>26</b>	Township <b>25N</b>	Range <b>6W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>640</b> feet from the <b>North</b> line and <b>550</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6763</b>	Producing Formation <b>Pictured Cliffs-Chacra</b>	Pool <b>Unimproved Chacra ext</b> <b>Blanco P.C. South ext</b>		Dedicated Acreage: <b>160</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
**E. A. Clement**

Position  
**Prod. Supt.**

Company  
**Kimbell Oil Company**

Date  
**10-12-79**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**October 8, 1979**

Registered Professional Engineer and/or Land Surveyor  
**Fred B. Kerr, Jr.**

Certificate No.  
**3950**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

APPLICATION FOR PERMIT TO DRILL  
(Additional information as required by ATI-6)

Operator: Kimbell Oil Company  
Address: Box 1097, Farmington, N. M. 87401

Location: 640' FWL & 550' FWL Section 26, T25N, R6W  
Rio Arriba County, New Mexico

Elevation: 6763' Ground

Type Tools: Rotary

Total Depth: 3710'

Est. Formation Tops:	Surf. San Jose	Pictured Cliffs	2673'
	Ojo Alamo 2158'	Chacra	3513'
	Kirtland 2238'	Total Depth	3710'
	Frontland 2298'		

Est. Depth of  
Water, Oil, Gas: Water - None  
Oil - None  
Gas - Pictured Cliffs 2673'  
Chacra 3513'

Casing Program: Surf. Casing - 200', 8 5/8", 24 lb., 1st, cemented with  
250 sks. Class B cement with 3% Calc. Chloride.  
W.C.C. 12 hrs. & test BOP & casing. to 500 PSI for 1/2 hour  
before drilling out.  
Prod. Casing - 3710', 4 1/2", 10.5 lb., New, cemented with  
200 sks. cement with 50/50 Fox Mix and salt & gel  
additives, preceded by 30 bbls. gel water.  
Tubing - 2 3/8", 4.7 lb. from bottom perforation to  
surface.

Pressure Control  
Equipment: 3000 psi W.P. & 6000 psi test double gate blow out  
preventer equipped with blind and pipe rams.

Mud Program: Low solids mud surface to T.D. with quantity, viscosity  
and weight maintained to standards as recommended by a  
drilling mud engineer.

Testing: None  
Coring: None

Logging: E.C. Induction log from surface pipe to T.D.

Anticipated  
Abnormal Pressure  
or Temperature: None anticipated.

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Starting Date: As soon as approved and a rig is available.  
(Expected 60 to 90 days)

Duration: 7 to 8 days to drill.

Completion: Selectively perforate and sand water fracture Pictured  
Cliffs and Chacra formations.  
7 to 8 days to complete.

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DURANGO, COLO.



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR

LARRY KEHOE  
SECRETARY

October 29, 1979

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

Kimbell Oil Company  
P. O. Box 1097  
Farmington, New Mexico 87401

Attention: E. A. Clement

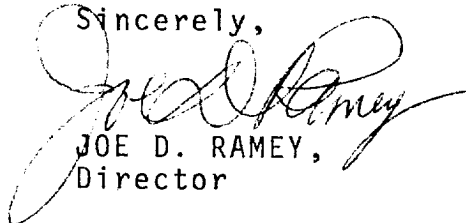
Administrative Order NSL-1095

Gentlemen:

Reference is made to your application for a non-standard location for your Salazar Well No. 4-26 located 640 feet from the North line and 550 feet from the West line of Section 26, Township 25 North, Range 6 West, NMPM, Chacra-Pictured Cliffs Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Sincerely,



JOE D. RAMEY,  
Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec  
Oil & Gas Engineering Committee - Hobbs

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DURANGO, COLO.

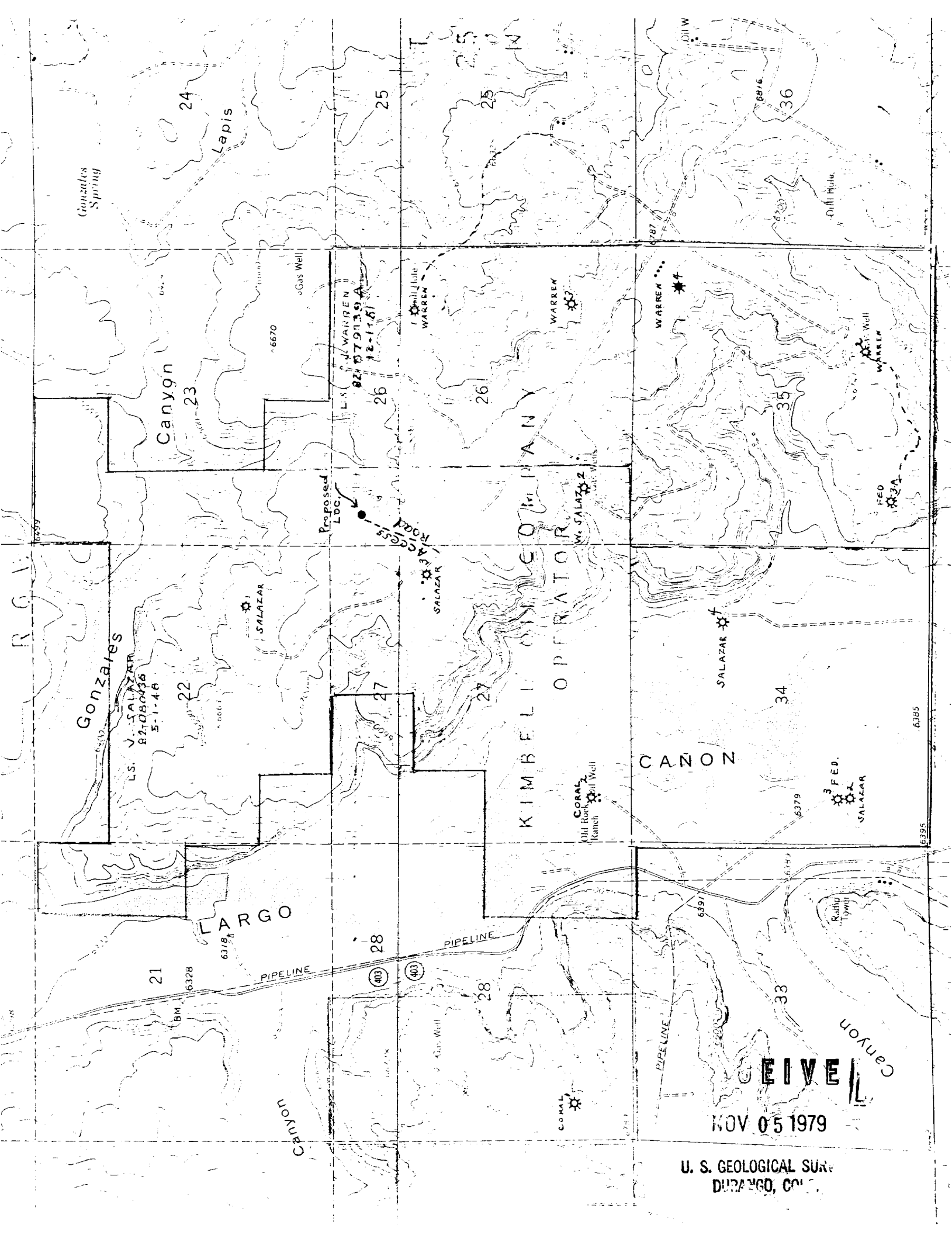
MULTI-POINT SURFACE USE AND OPERATIONS PLAN

Kimbell Oil Company  
Salazar No. 4-26  
NNW Section 26, T25N, R6W  
Rio Arriba County, New Mexico

1. Existing Roads: Refer to attached map.
2. Planned Access Roads: Approximately 1400' of access road will be built from the existing main road to the well site. This road will be consistent with the local terrain and will not exceed 20 feet in width. This road will be constructed with ditches, culverts or other measures necessary to insure proper drainage and control erosion. (Indicated on attached map).
3. Location of Existing Wells: Refer to attached map.
4. Location of Tank Batteries, Production Facilities, and Production Gathering and Service Lines owned or controlled by the Operator: (Refer to attached map.)  
If this is a productive well, it will be gas and the facilities will be a well head, separator and gas lines from well to separator. The separator will be set 150' from the well-head and lines will be buried across the location.
5. Location and type of water supply: All rivers, creeks, lakes, ponds and wells are shown on the attached map. No arrangement has been made to secure water to drill this well at this time, but it will probably be supplied from one or more of the water holes in the area which are supplying water for this purpose.
6. Source of Construction Materials: It is not anticipated that any sand, gravel, stone or soil material will be used. All construction material needed will be purchased in Farmington and transported to the location.
7. Methods for handling Waste Disposal:
  - a. Drill cuttings will be buried 3' below surface.
  - b. Drilling mud will be left in a fenced open pit to evaporate and dry and then covered with sub-soil and top soil and leveled.
  - c. Trash will be burned in a burn pit then buried and leveled.
  - d. A portable toilet will be provided.
8. Ancillary Facilities: No camps or airstrips will be built.

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