

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

MESA PETROLEUM COMPANY

## 3. ADDRESS OF OPERATOR

1660 Lincoln, 2800 Lincoln Center, Denver, Colorado 80264

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

820/S &amp; 1620/W

At proposed prod. zone

same

same

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

## 16. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

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

6503 GL

## 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	200	150 Sks
7 7/8	4 1/2	10.5	3250	500 sks

(See Attachments)

GAS UNDER THIS LEASE IS DEDICATED TO A CONTRACT.

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

John Alexander

TITLE

AGENT

DATE January 16, 1981

(This space for Federal or State office use)

APPROVED

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

DISTRICT ENGINEER

NMOCC

All distances must be from the outer boundaries of the Section.

Operator <b>MESA PETROLEUM COMPANY</b>		Lease <b>COX CANYON-FEDERAL</b>		Well No. <b>20</b>
Unit Letter <b>N</b>	Section <b>30</b>	Township <b>32N</b>	Range <b>11W</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>820</b> feet from the <b>South</b> line and <b>1620</b> feet from the <b>West</b> line				
Ground Level Elev. <b>6503</b>	Producing Formation <b>FRUITLAND</b>	Pool <b>UNDESIGNATED FRUITLAND</b>	Dedicated Acreage: <b>160.154.0</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

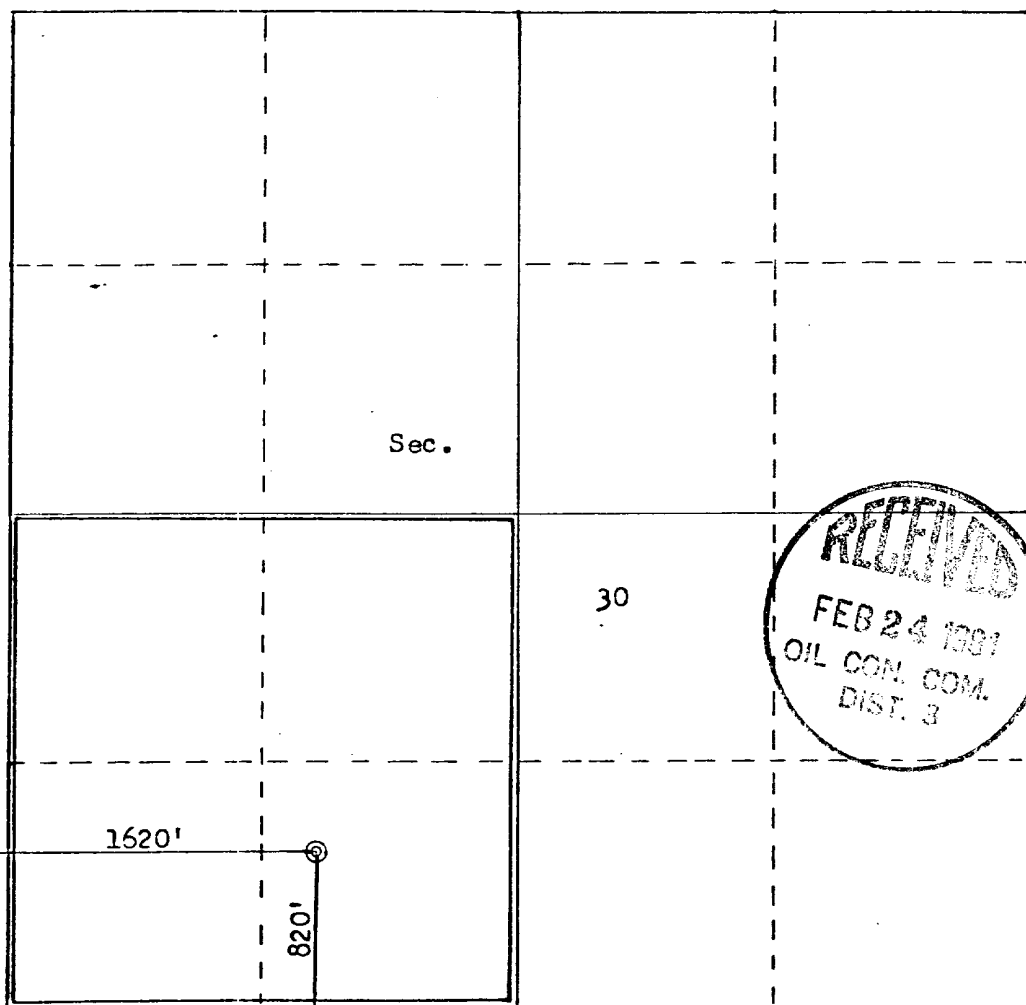
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 \_\_\_\_\_

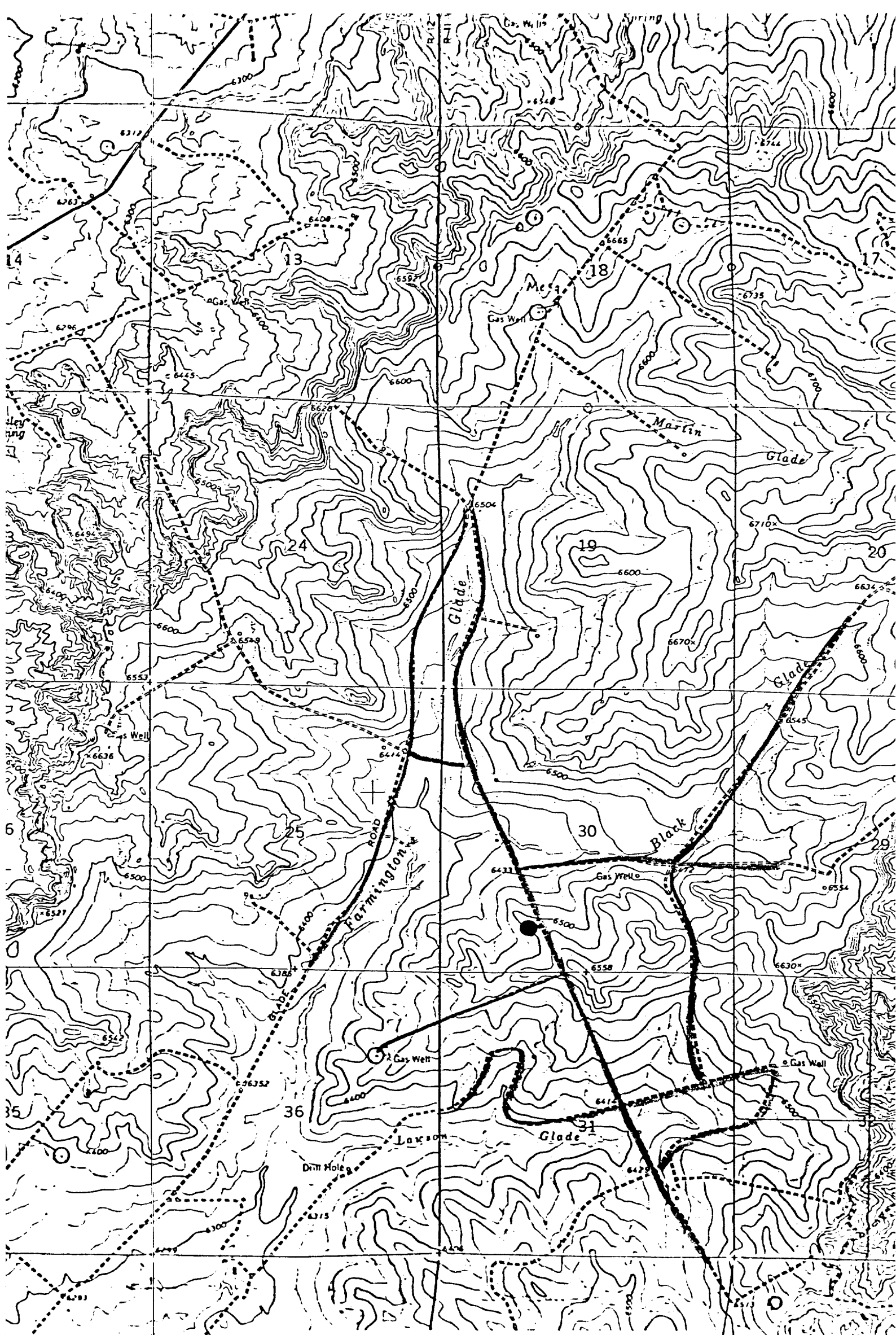
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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.



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<b>JOHN ALEXANDER</b>
Position	<b>AGENT</b>
Company	<b>MESA PETROLEUM CO.</b>
Date	<b>January 16, 1981</b>
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	<b>December 19, 1980</b>
Registered Professional Engineer and Land Surveyor	<b>Fred G. Kest</b>
Certificate No.	<b>3950</b>



Vicinity Map for  
MESA PETROLEUM CO. #20 COX CANYON-FEDERAL  
820' FSL 1620' FWL Sec. 30-T32N-R11W  
SAN JUAN COUNTY, NEW MEXICO