

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 1980' S & 970' W  
At proposed prod. zone same

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

15. 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.

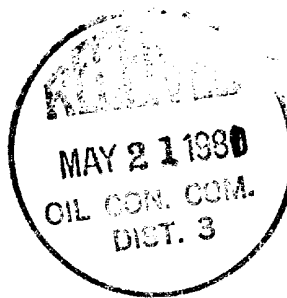
21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6862 GR

23. PROPOSED DRILLING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4	8 5/8	24	250
7 7/8	4 1/2	10.5	5700

(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 Benjamin Hoelter TITLE Agent DATE 4/15/81

(This space for Federal or State office use)

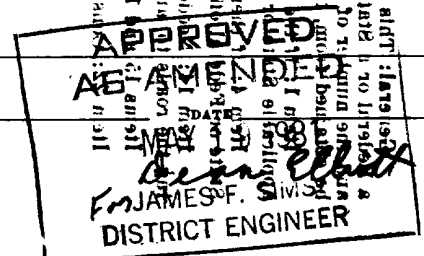
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

ah

NMOCC



30-045-25043

5. NAME ORIGINATOR AND SERIAL NO.  
NM 12233

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Blanco Federal 25

9. WELL NO.  
5

10. FIELD AND POOL, OR WILDCAT  
Lybrook-Gallup Ext.

11. SEC., T., R., M., OR BLK.  
25-24N-8W

12. COUNTY OR PARISH  
San Juan

13. STATE  
NM

16. NO. OF ACRES IN LEASE  
160.1080

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
June 1, 1981

This action is subject to administrative appeal pursuant to 30 CFR 250.950

environmental

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

Operator <b>MESA PETROLEUM CO.</b>			Lease <b>SOUTH BLANCO-FEDERAL 25</b>		Well No. <b>5</b>
Unit Letter <b>L</b>	Section <b>25</b>	Township <b>24N</b>	Range <b>8W</b>	County <b>San Juan</b>	
Actual Footage Location of Wells <b>1980</b> feet from the <b>South</b> line and <b>970</b> feet from the <b>West</b> line					
Ground Level Elev: <b>6862</b>	Producing Formation <b>Gallup</b>	Pool <b>Lybrook-Gallup Ext.</b>		Dedicated Acreage <b>40</b>	Acres

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

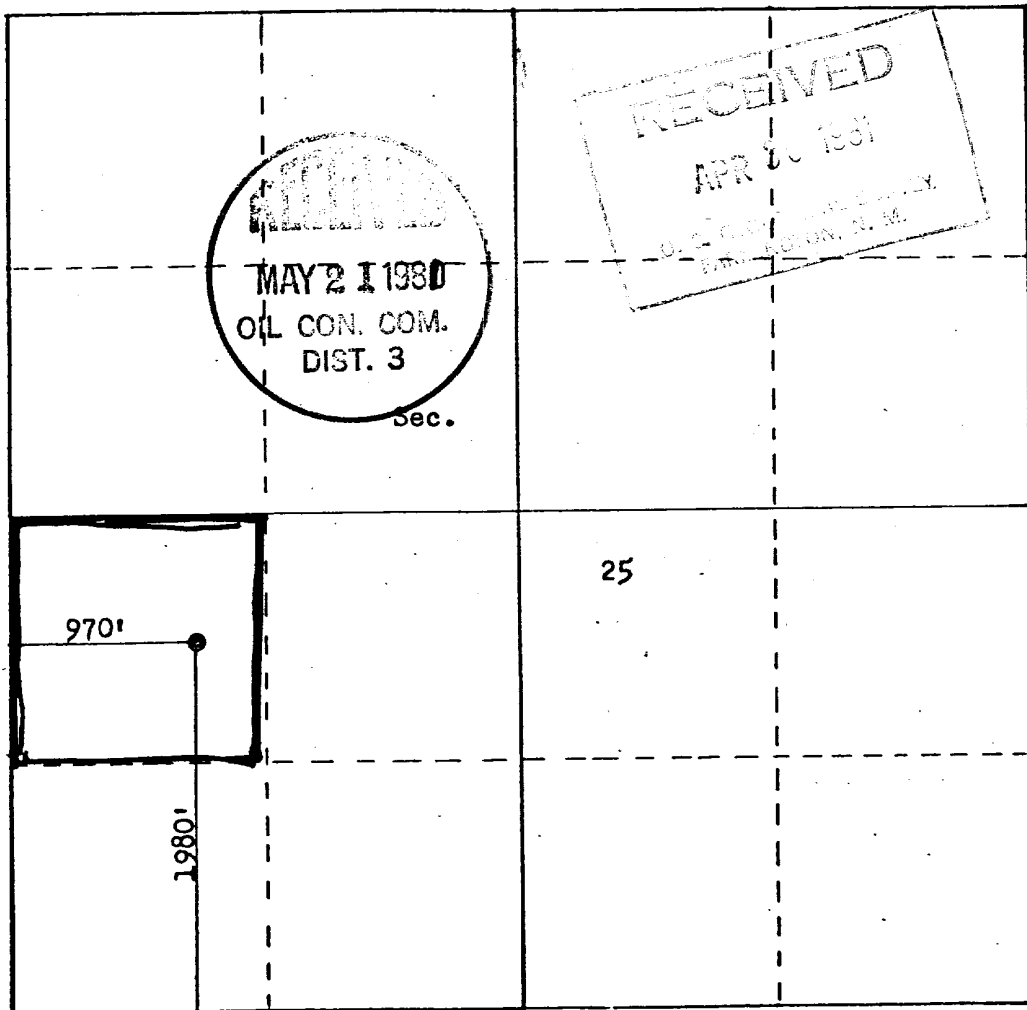
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 \_\_\_\_\_

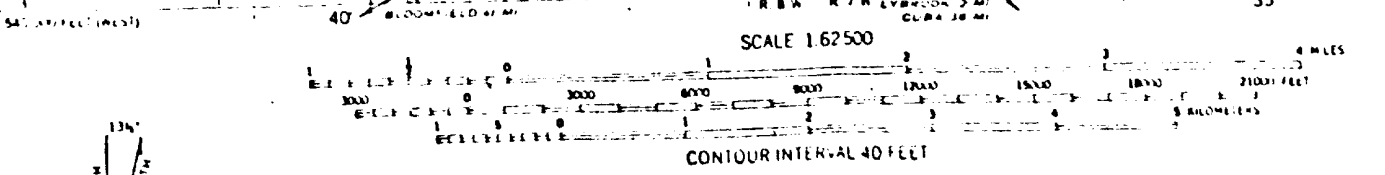
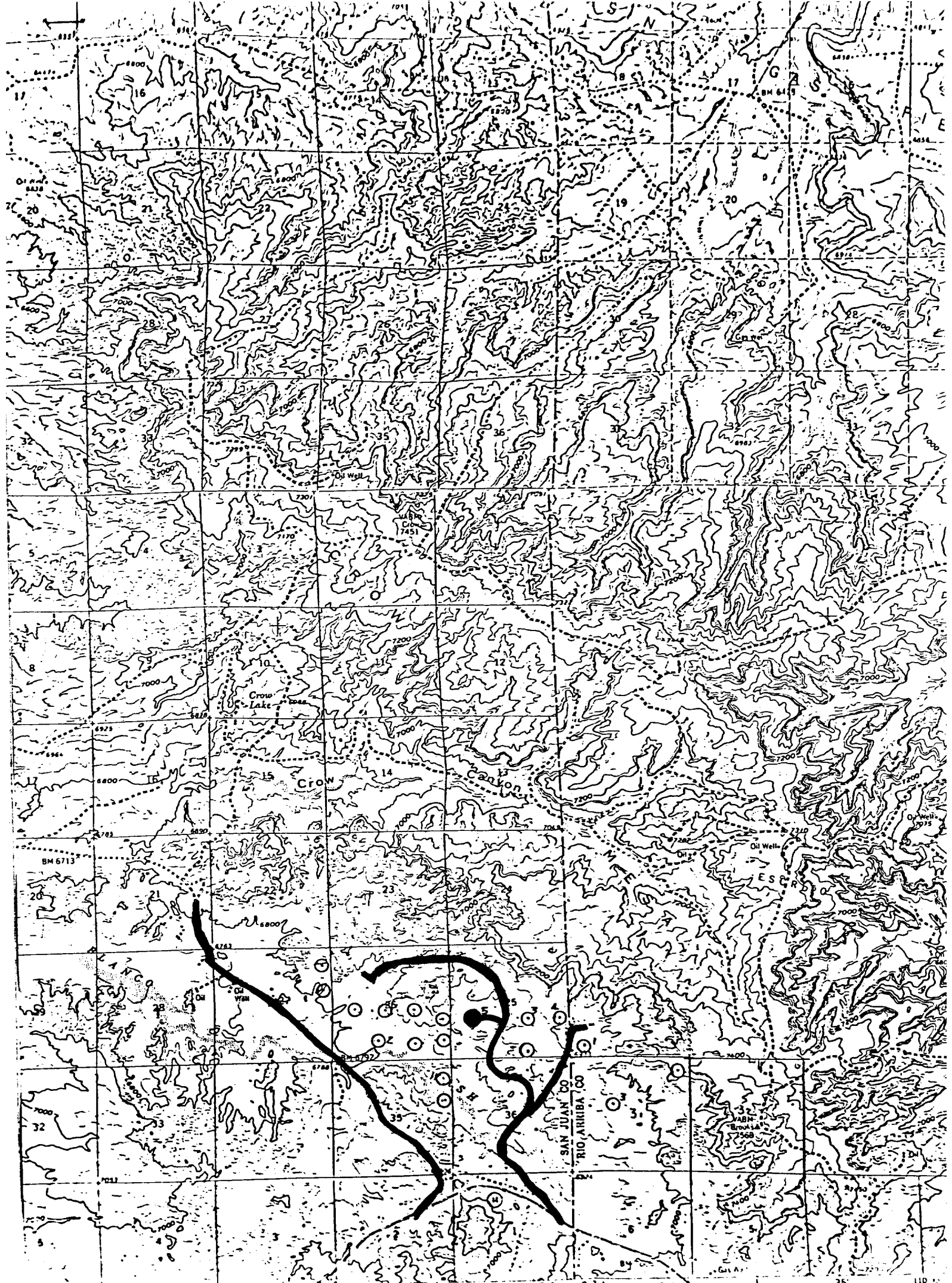
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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	<i>John Alexander</i> John Alexander
Position	Agent
Company	MESA PETROLEUM CO.
Date	4/13/81
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	March 25 1981
Registered Professional Engineer and Land Surveyor <i>Frederic B. Kerr Jr.</i> Frederic B. Kerr Jr. Certificate No. LXII 3950 KERR, JR.	



Vicinity Map for  
MESA PETROLEUM CO. #5 SOUTH BLANCO-FEDERAL 25  
1980' FSL 970' FWL Sec. 25-T24N-R8W  
SAN JUAN COUNTY, NEW MEXICO