

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 CO.

3. ADDRESS OF OPERATOR

1660 Lincoln, 2800 Lincoln Center, Denver, Co 80264

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

At surface

660'/South & 660' $\frac{1}{4}$ E

At proposed prod. zone

same

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

GEOLOGICAL SURVEY,
FARMINGTON, N. M.

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.

16. NO. OF ACRES IN LEASE

960

19. PROPOSED DEPTH

5800

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

6816 GR

22. APPROX. DATE WORK WILL START*

Aug 1, 1981

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	250	250 sks Cir. to surface
7 7/8	4 1/2	10.5	5800	1100 sks

(See attachments)

Gas under this lease is dedicated to a contract.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"This action is subject to administrative
appeal pursuant to 30 CFR 290.

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

May 29, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

ATTESTED

DATE

JUN 2-9 1981

JAMES F. SIMS
DISTRICT ENGINEER

NMOCG

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


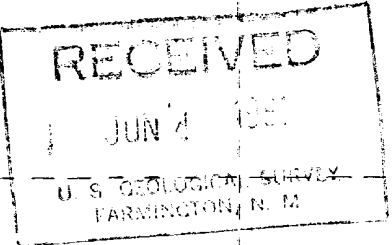
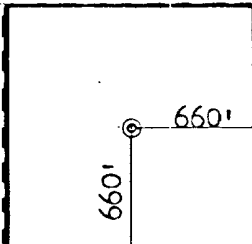
Operator MESA PETROLEUM CO.			Lease SOUTH BLANCO-FEDERAL 22		Well No. 2
Unit Letter P	Section 22	Township 24N	Range 8W	County San Juan	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the East line					
Ground Level Elev. 6816	Producing Formation Gallup		Pool Lybrook Gallup Ext.		Dedicated Acreage: 40 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 _____

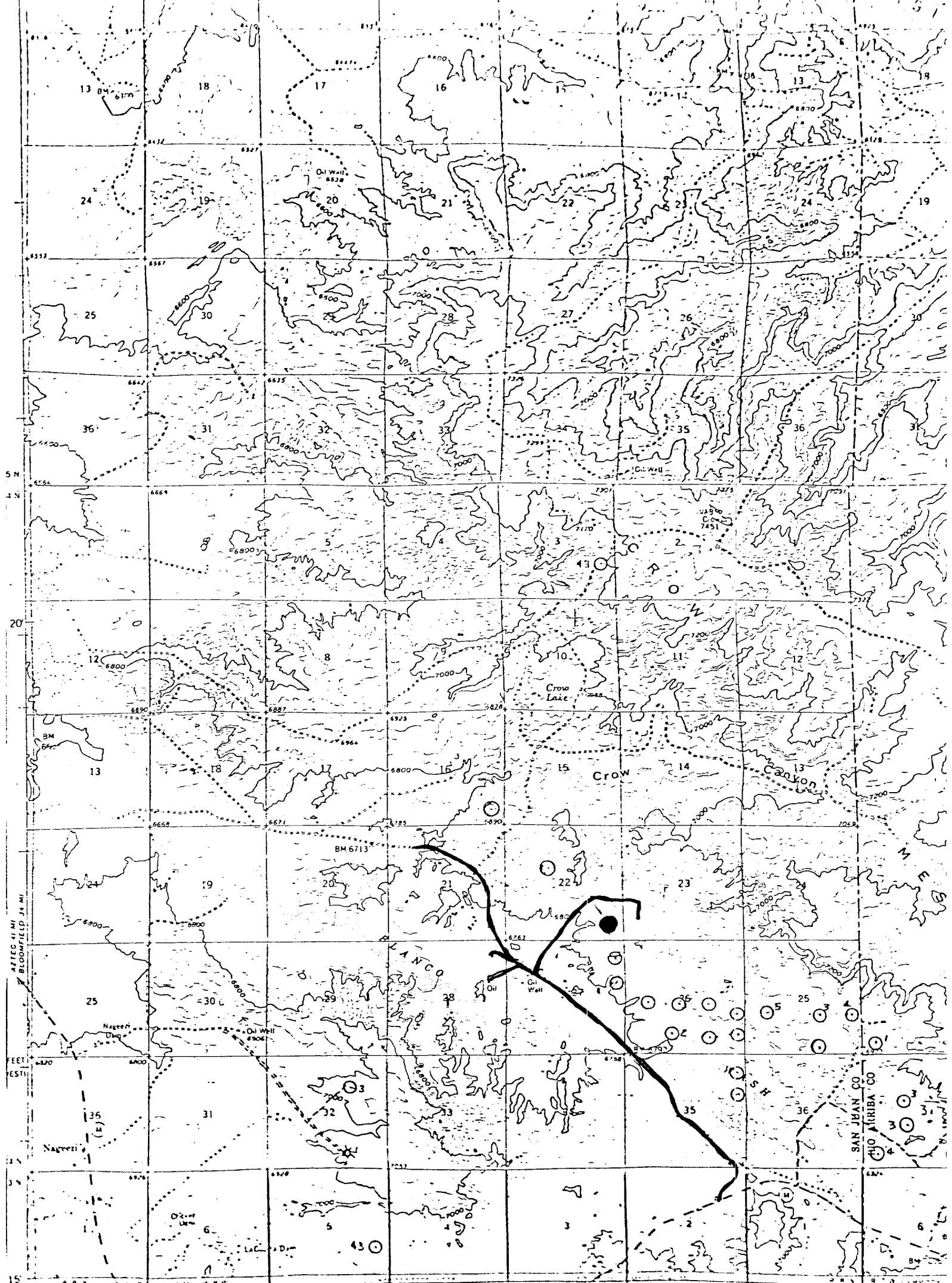
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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.

		Sec.
		22
		

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	May 26, 1981
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	May 26, 1981
Registered Professional Engineer and Land Surveyor <i>Fred R. Kern Jr.</i> Fred R. Kern Jr.	
Certificate No.	3950



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric method *H&V-X-44*
photographs taken 1955 Field checked 1959
Polyconic projection, 1927 North American datum
10 (XX) foot grid based on New Mexico
west and central zones
1000 meter Universal Transverse M
zone 13 shown in blue
Dashed land lines indicate approx
Certain land lines omitted be cause

Vicinity Map for
MESA PETROLEUM CO. #2 SOUTH BLANCO FEDERAL 22
660' FSL 660' FEL Sec. 22-T24N-R8W
SAN JUAN COUNTY, NEW MEXICO

SCALE 1:62500
CONTOUR INTERVAL 40 FEET
EAT M S MEAS SCALE

U.S. GEOLOGICAL SURVEY, DENVER 25, COLORADO
A FURTHER EXAMINATION OF THE MAPS AND SYMBOLS IS ADVISED