

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, Colorado 80264

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

At surface

1800'/S & 1800'/W

At proposed prod. zone

same

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.

16. NO. OF ACRES IN LEASE

983.65

19. PROPOSED DEPTH

3400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160-156.20

20. ROTARY OR CABLE TOOLS

ROTARY

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

6604 GL

22. APPROX. DATE WORK WILL START*

March 10, 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	200	150 sks
7 7/8	4 1/2	10.5	3400	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)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

MAR 30 1981

JAMES F. SIMS
DISTRICT ENGINEER

with NW

23-

INMOCC

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

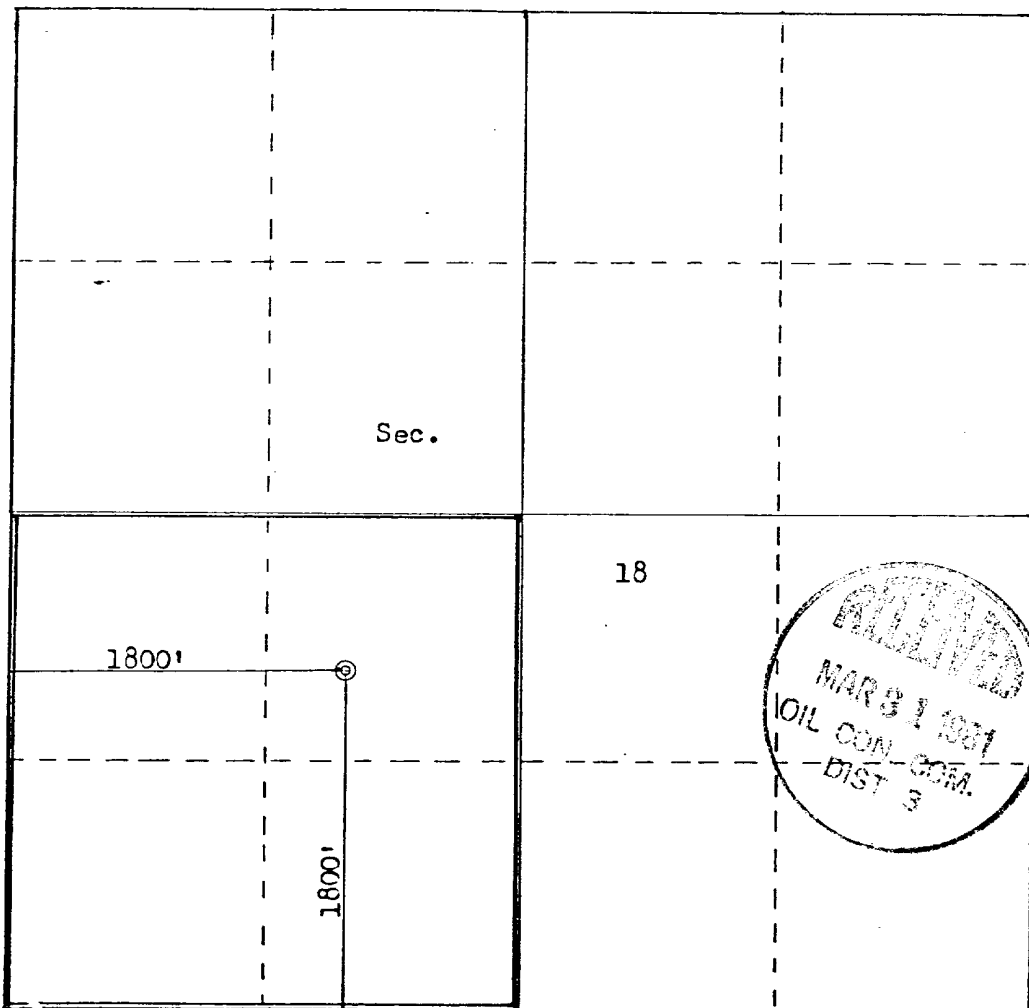
Operator MESA PETROLEUM COMPANY		Lease JOHNS-FEDERAL		Well No. 4	
Unit Letter K	Section 18	Township 32N	Range 11W	County San Juan	
Actual Footage Location of Well: 1800 feet from the South line and 1800 feet from the West line					
Ground Level Elev: 6604	Producing Formation PICTURED CLIFFS		Pool BLANCO PICTURED CLIFFS		Dedicated Acreage: 160 ^{156.10} 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 _____

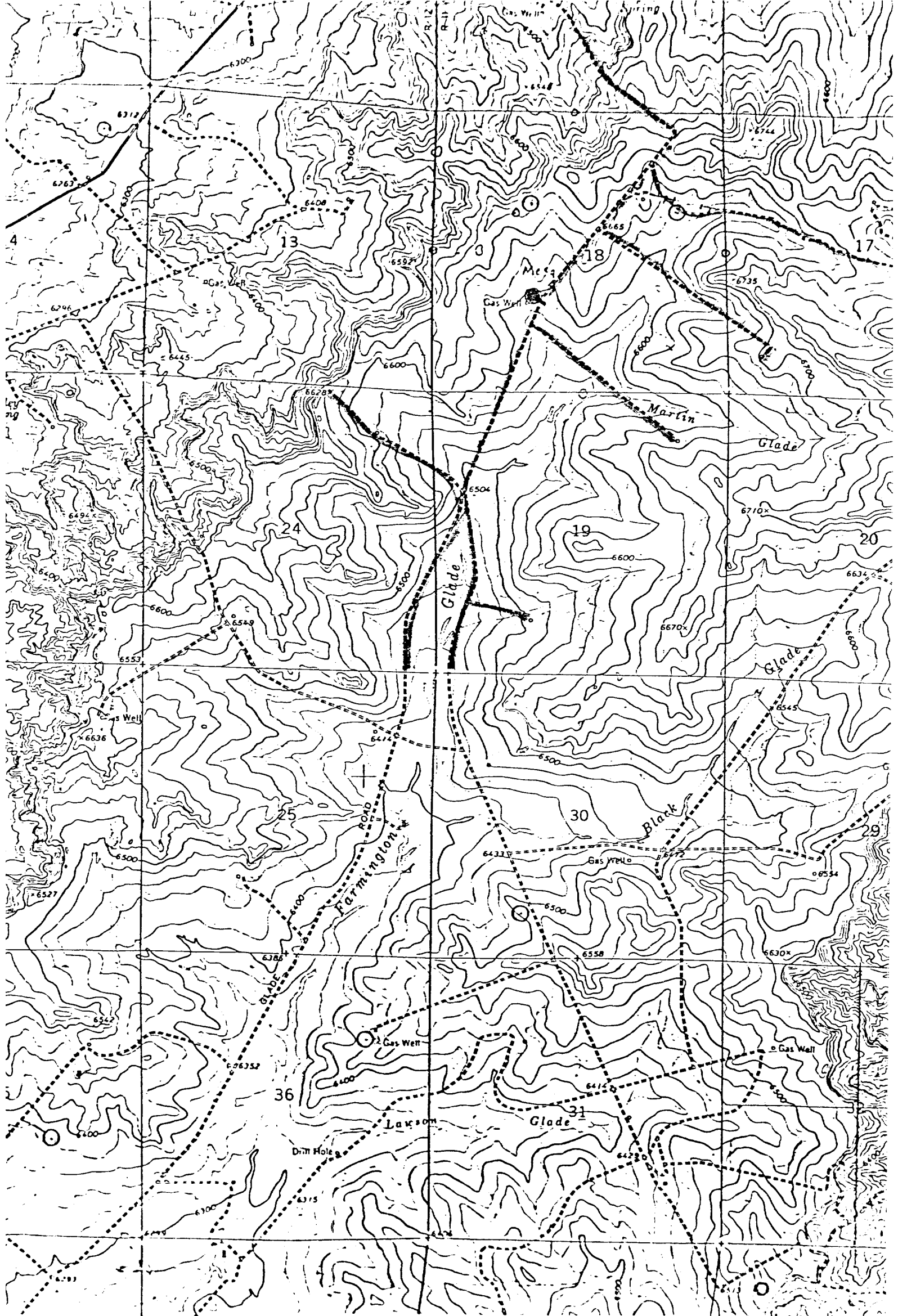
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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.	
<i>John Alexander</i>	Name
JOHN ALEXANDER	Position
AGENT	Company
MESA PETROLEUM CO.	Date
January 16, 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	December 19, 1980
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i>
Certified New Mexico	3990 B. KERR, JR.



Vicinity Map for
MOCA PETROLEUM CO. #4 JOHN-EDWARD
1800' E 1600' W Sec. 18-T32N-R11W
SAN JUAN COUNTY, NEW MEXICO