

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 80202

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

At surface

1690' N & 1725' W

At proposed prod. zone

same

same

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

U. S. 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

983.65

19. PROPOSED DEPTH

3370

17. NO. OF ACRES ASSIGNED
TO THIS WELL

100 - 156.30

20. ROTARY OR CABLE TOOLS

ROTARY

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

6682' GL

22. APPROX. DATE WORK WILL START*

March 14, 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	3370	500 sks

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

(See Attachments)

This action is subject to administrative
appeal pursuant to 30 CFR 290.

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
JOHN ALEXANDER

TITLE AGENT

DATE January 16, 1981

(This space for Federal or State office use)

APPROVED

PERMIT NO.

AS AMENDED

APPROVAL DATE

APPROVED BY

FEB 23 1981

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

Bruce Wamley
for JAMES F. SIMS
DISTRICT ENGINEERWhite
NWH

43-

NMOCC

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

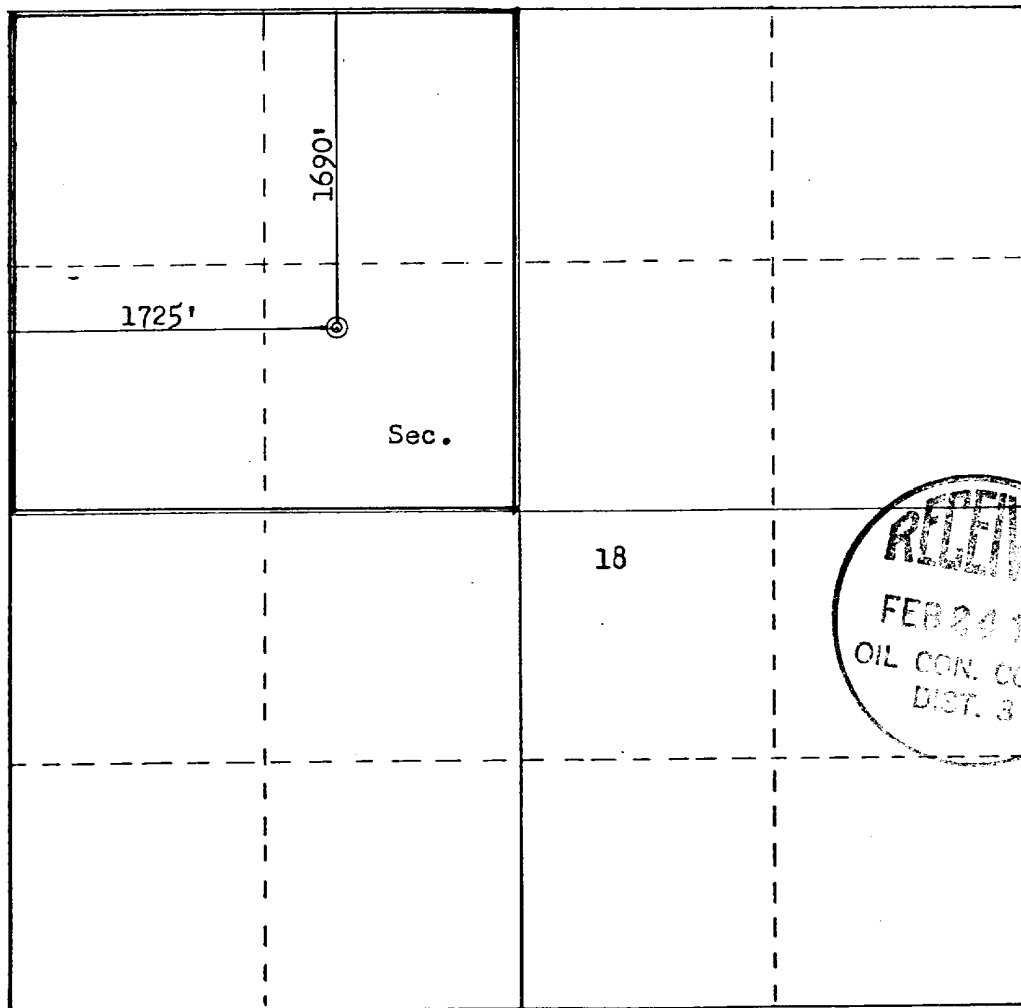
Operator MESA PETROLEUM COMPANY			Lease JOHNS-FEDERAL			Well No. 5		
Unit Letter F	Section 18	Township 32N	Range 11W	County San Juan				
Actual Footage Location of Well: 1690 feet from the North line and 1725 feet from the West line								
Ground Level Elev: 6682	Producing Formation PICTURED CLIFFS		Pool BLANCO PICTURED CLIFFS			Dedicated Acreage: 160 156.30 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.

John Alexander
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.

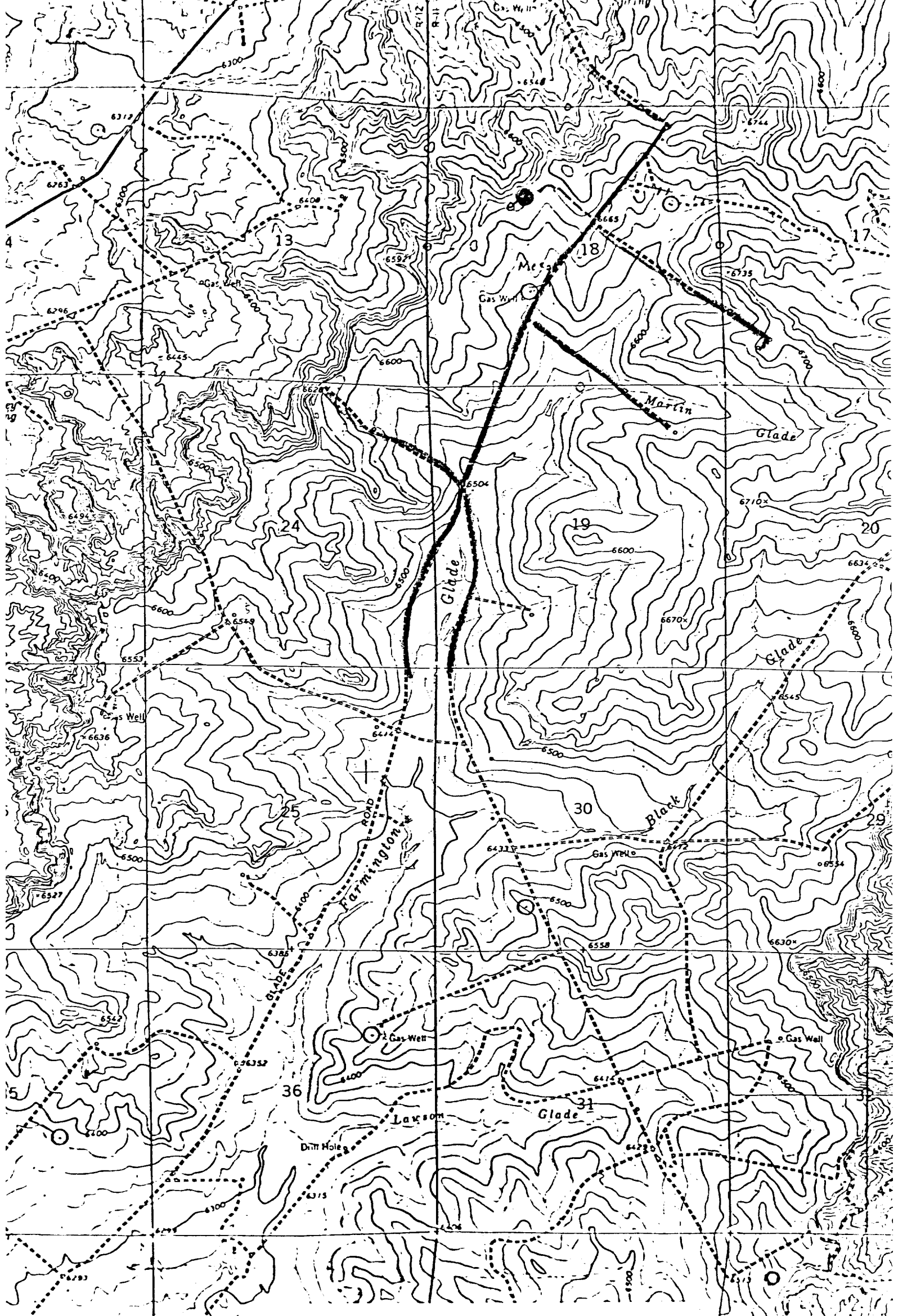
Date Surveyed

December 19, 1980

Registered Professional Engineer and Land Surveyor

Fred B. Kerr, Jr.
Fred B. Kerr, Jr.

Certificate No. 3950



Vicinity Map for
MESA PETROLEUM CO. #5 JOHNS-FEDERAL
1690'FNL 1725'FWL Sec. 18-T32N-R11W
SAN JUAN COUNTY, NEW MEXICO