

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

870' /N & 1770' /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.)

6325 GR

16. NO. OF ACRES IN LEASE

349.884 (total)

19. PROPOSED DEPTH

7600

17. NO. OF ACRES ASSIGNED
TO THIS WELL~~Basin 220 MW 220~~ N 316.19

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

December 15, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4	10 3/4	40.5	300	300 sk
8 3/4	7	20	3000	220 sk
6 1/4	4 1/2	10.5	2800-7600	500 sk

(See attachments)

Gas under this lease is dedicated.

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

11/30/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Dean Elliott
Dean Elliott

TITLE

James F. Hines
District Supervisor

DATE

DEC 18 1981

CONDITIONS OF APPROVAL, IF ANY:

d7-

NM0000

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

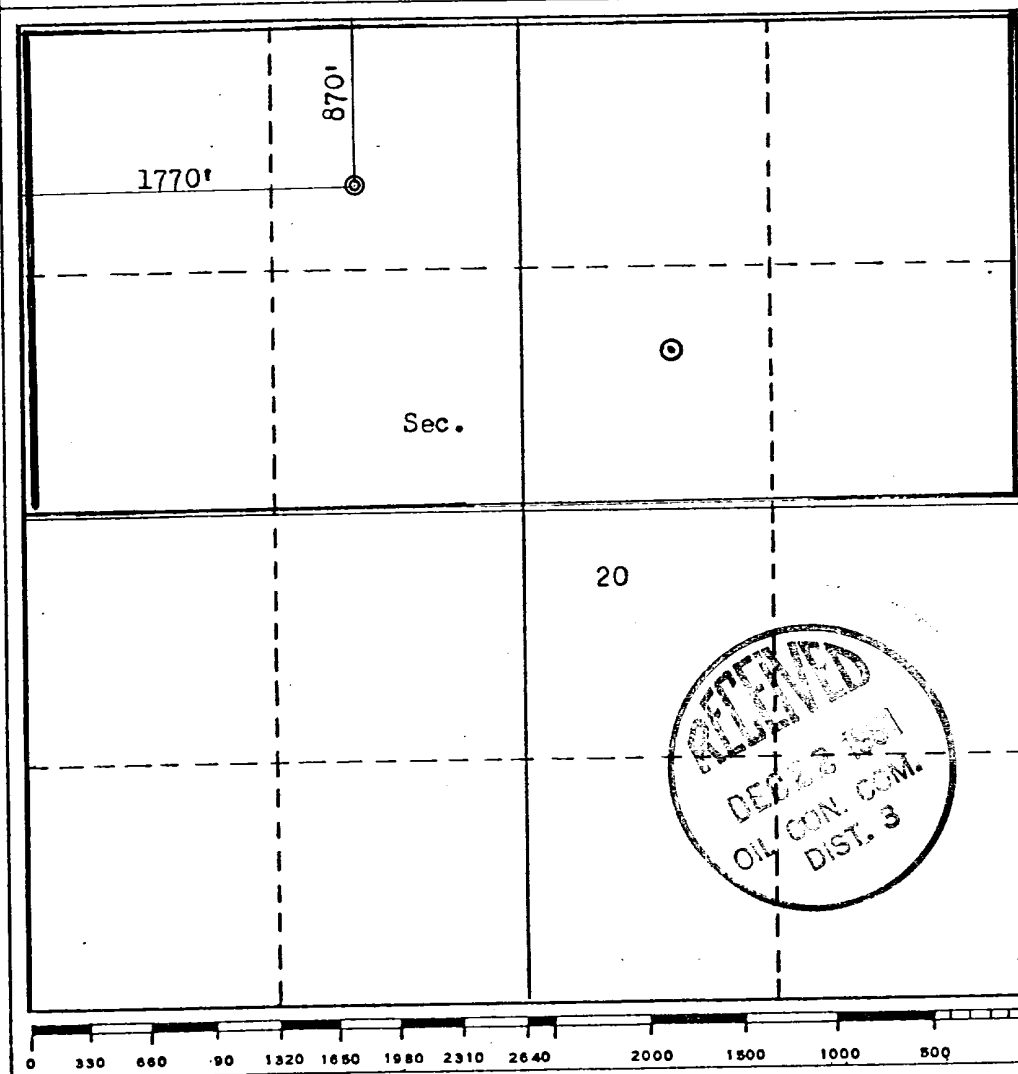
Operator MESA PETROLEUM CO			Lease GAGE		Well No. 3M
Unit Letter C	Section 20	Township 30N	Range 10W	County San Juan	
Actual Footage Location of Well: 870 feet from the North line and 1770 feet from the West line					
Ground Level Elev. 6325	Producing Formation Dakota-Mesa Verde		Pool Basin Dakota-Blanco MV		Dedicated Acreage: 20.320 20.320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. *N 316.18*
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.



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
November 24, 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

November 24, 1981

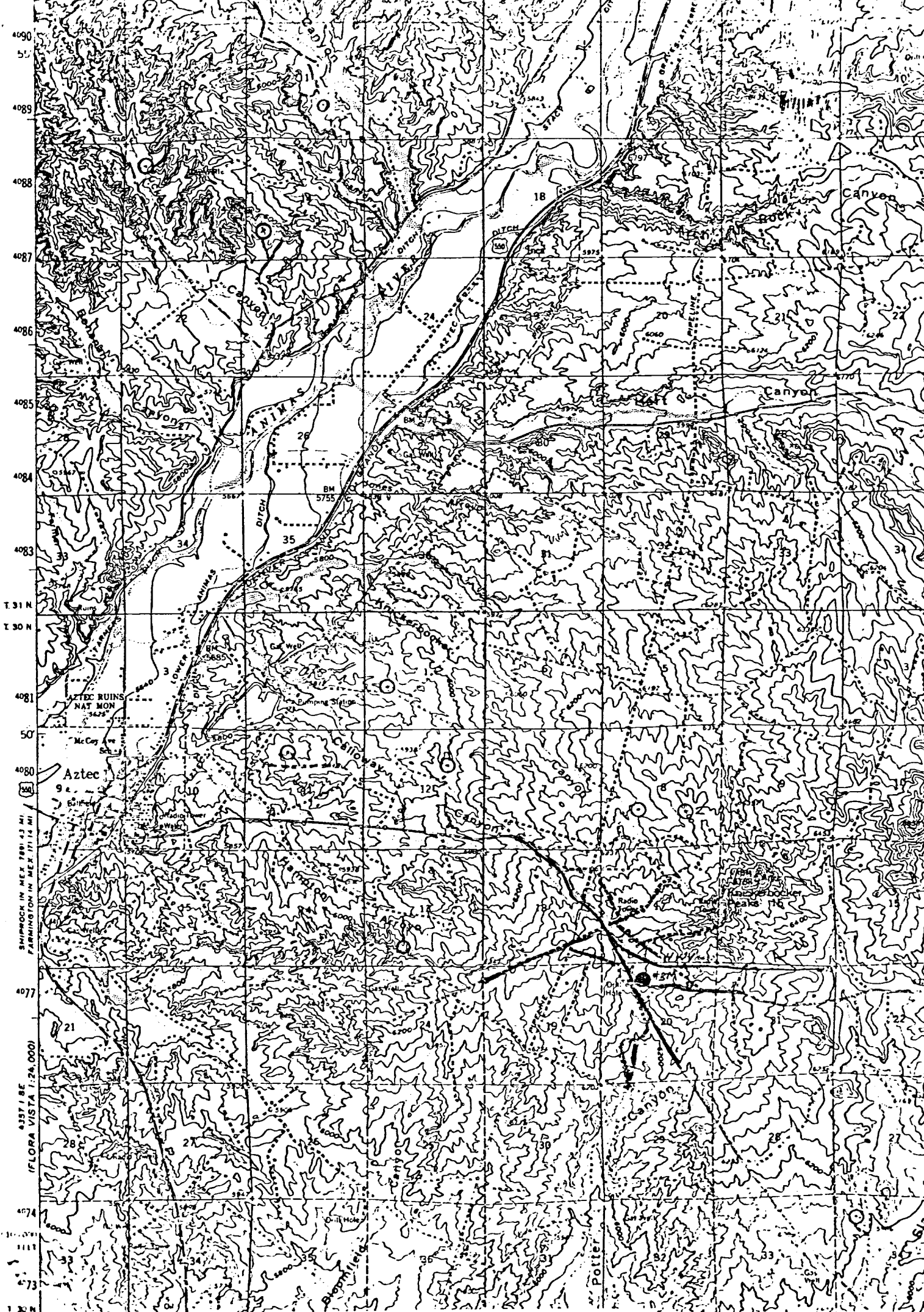
Registered Professional Engineer
and/or Land Surveyor

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

Certificate No.

3950

B. KERR, JR.



Vicinity Map for
Mesa Petroleum Co #3M Gage
870'FN 1770'FW Sec. 20-T30N-R10W
San Juan County New Mexico

Maped, edited and published by the Geological Survey
of the United States
Topography by photogrammetric methods from aerial
photographs taken in 1959. Field checked 1959.
Datum: 1927 North American datum.
Projection: Transverse Mercator coordinate system.
Scale: 1:62,500.
Projection: Transverse Mercator grid ticks
at 15' intervals.

