

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21644

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. 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

P. O. Box 2009, Amarillo, Texas 79105

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

1650' FSL & EL, Sec. 30, T32N, R10W

At proposed prod. zone

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

4 miles west of Cedar Hill, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, ET.
(Also to nearest dril. well line, if any)

1650'

16. NO. OF ACRES IN LEASE

323.89

17. NO. OF ACRES ASSIGNED
TO THIS WELL

Infill Mesaverde well

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2700'

19. PROPOSED DEPTH

6000'

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START*

As rig availability dictates

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"	32.75	140	Sufficient to Circulate
9 1/2"	7"	23	3200	Sufficient to cover Ojo Alamo
6 1/8"	4 1/2"	10.5	3000-6000	Sufficient to tie back into 7" csg.

Mesa proposes to drill a Mesaverde infill well at the above location to an approximate depth of 5500'. Electric logs will be run from surface casing to 7" casing point & from bottom of 7" casing to TD. Production liner will be set through & perforated.

All work will be conducted in accordance with the rules & regulations of the Dept. of the Interior & the State of New Mexico.

DEC 23 1974

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

J. J. Slaker

TITLE

Production Engr.

DATE

12-19-74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions On Reverse Side

XC. James Archer - 7
12-19-74

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form O-102
Supersedes O-128
Effective 1-1-65

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

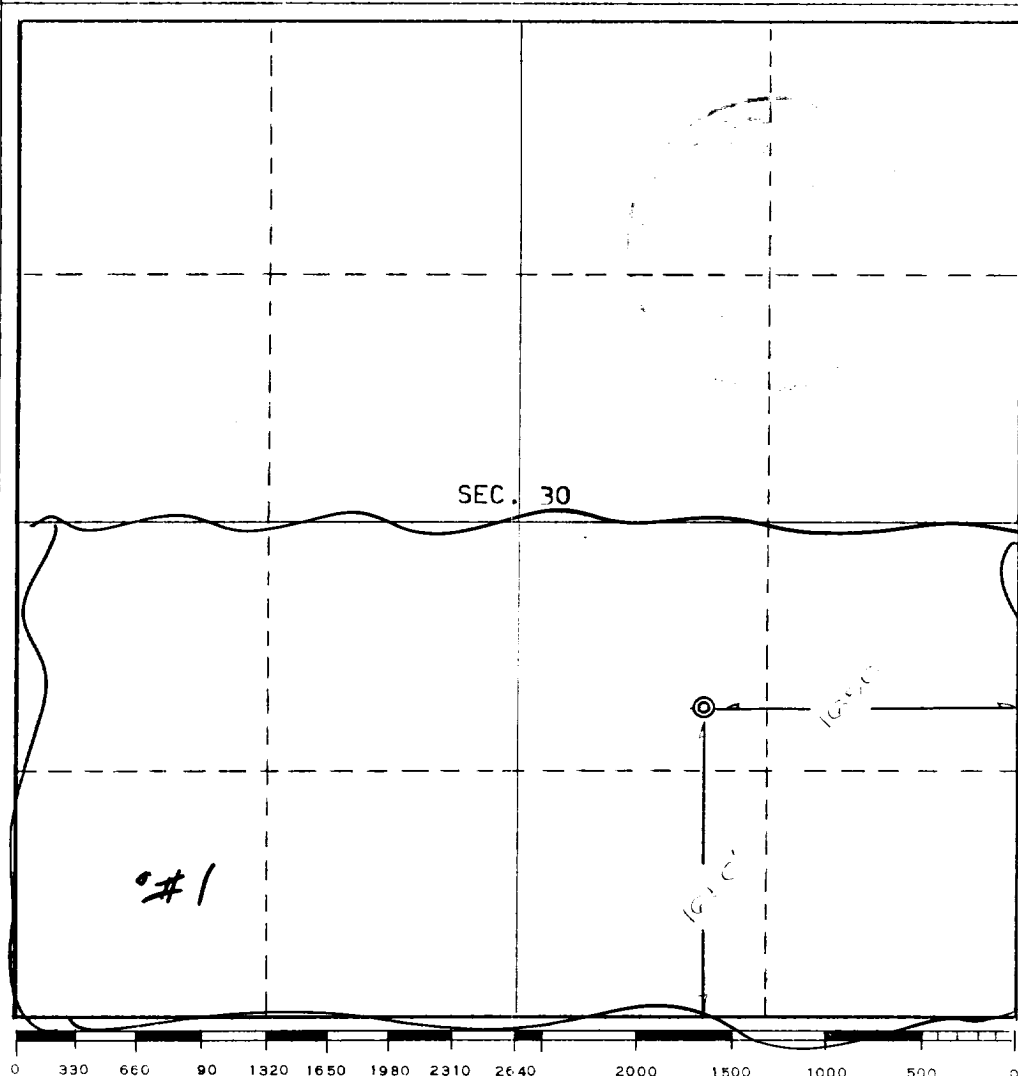
Operator Mesa Petroleum Co.			Lease Hamilton		Well No. 323-PP
Unit Letter J	Section 30	Township 32 North	Range 10 West	County San Juan	
Actual Footage Location of Well:					
1650 feet from the South line and		1650 feet from the East line			
Ground Level Elev. 6091	Producing Formation Mesa Verde	Pool Blanca	Dedicated Acreage 323-PP		

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.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name J. F. [Signature]
 Position Drilling & Forman
 Company Mesa Petr. Co.
 Date 12-19-74

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 14, 1974
 Registered Professional Engineer and/or Land Surveyor
E. V. Echolaw
 Certificate No. 3602
E. V. Echolaw LS