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NEW MEXICO OIL CONSERVATION COMMISSION
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SEP 8 1981

30-005-61112

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG 9574	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name ROACH STATE	
2. Name of Operator MESA PETROLEUM CO.		9. Well No. 1	
3. Address of Operator 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701		10. Field and Pool, or Wildcat WILDCAT ABO	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE SOUTH LINE AND 660 FEET FROM THE WEST LINE OF SEC. 16 TWP. 6S RGE. 22E NMPM		12. County CHAVES	
19. Proposed Depth 3250'		19A. Formation ABO	
20. Rotary or C.T. ROTARY		21. Elevations (Show whether DF, RT, etc.) 4318.8' GR	
21A. Kind & Status Plug. Bond BLANKET		21B. Drilling Contractor TOM BROWN DRILLING	
22. Approx. Date Work will start OCTOBER 6, 1981			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	900'	500	SURFACE
11"	8 5/8"	24#	1600'	500	SUFFICIENT TO ISOLATE WTR, O&G
7 7/8"	4 1/2"	10.5#	3250'	500	SUFFICIENT TO COVER ALL PAY

Propose to drill 17 1/2" hole using air to 900' or deeper. Will set 13 3/8" surface casing and cement to surface. Will reduce hole to 11" and drill to 1600' to set 8 5/8" casing. Will nipple up ram type BOP's and reduce hole to 7 7/8" and drill to total depth using air, foam, or mud as required. After log evaluation, 4 1/2" casing may be run and cemented with sufficient kinds and amounts of cement to isolate and seal off any fresh water, oil, or gas zones encountered.

APPROVAL FOR 180 DAYS
PERMIT EXPIRES 3-10-82
UNLESS DRILLING UNDERWAY.

Gas Sales Are Dedicated
XC NMOCD (6) TLS CEN RCDS, ACCTG, ROSWELL, MEC, LAND, PARTNERS, FILE
IN ABOVE PROPOSED PROGRAM, IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA OF PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE.
REVERTER PROGRAM, IF ANY.

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

Signed R. E. Martin Title REGULATORY COORDINATOR Date AUGUST 31, 1981

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE SEP 10 1981

CONDITIONS OF APPROVAL, IF ANY:

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

Form 1
Supersedes L-1-1
Effective 1-1-81

All distances must be from the outer boundaries of the Section

Operator Mesa Petroleum Co.			Lease Roach State		Well No. 1
Unit Letter M	Section 16	Township 6 South	Range 22 East	County Chaves	
Actual Footage Location of Well:					
660 feet from the SOUTH line and		660 feet from the WEST line			
Ground Level Elev. 4318.8	Producing Formation ABO	Pool WILDCAT	Dedicated Acreage: SW/4 160		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

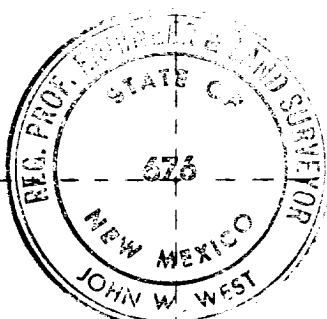
☐ Yes ☐ No If answer is "yes," type of consolidation _____

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.

M E S A
LG 9574

660' —
660' —
660' —



CERTIFICATION

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

R. E. Mathis

Name

R. E. MATHIS

Position

REGULATORY COORDINATOR

Company

MESA PETROLEUM CO.

Date

AUGUST 31, 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:

8-18-81

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600