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RECEIVED  
NEW MEXICO OIL CONSERVATION COMMISSION

30-005-60868  
Form C-101  
Revised 1-1-65

*Amended Location*  
APR 13 1981  
O. C. D.  
ARTESIA, OFFICE

5A. Indicate Type of Lease  
STATE  FEE   
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well DRILL  DEEPEN  PLUG BACK   
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator MESA PETROLEUM CO. ✓  
3. Address of Operator 1000 VAUGHN BUILDING/MIDLAND TEXAS 79701  
4. Location of Well UNIT LETTER L LOCATED 1980 FEET FROM THE SOUTH LINE  
AND 760 FEET FROM THE WEST LINE OF SEC. 12 TWP. 7S RGE. 25E NMPM

7. Unit Agreement Name  
8. Farm or Lease Name DAVIS  
9. Well No. 1  
10. Field and Pool, or Wildcat WILDCAT  
12. County CHAVES

19. Proposed Depth 4400'  
19A. Formation ABO  
20. Rotary or C.T. ROTARY

21. Elevations (Show whether DF, RT, etc.) 3698.8' GR  
21A. Kind & Status Plug. Bond BLANKET  
21B. Drilling Contractor TOM BROWN DRILLING  
22. Approx. Date Work will start APRIL 24, 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#	800'	500	SURFACE
11"	8 5/8"	24#	1600'	500	SUFFICIENT TO
7 7/8"	4 1/2"	10.5#	4400'	500	ISOLATE WTR, O&G SUFFICIENT TO COVER ALL PAY

Propose to drill 17 1/2" hole using air to 800' 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.

Gas Sales Are Dedicated to Transwestern Pipeline Co.

APPROVAL VALUE FOR 180 DF  
PERMIT EXPIRES 10-17-81  
UNLESS DRILLING UNDERWAY

NOTE: Location moved 100' east to clear county road.  
XC: NMOC (6), TLS, CEN RCDS, ACCTG, ROSWELL, MEC, MAH, PARTNERS, FILE

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
Signed R. P. Mackin Title REGULATORY COORDINATOR Date APRIL 10, 1981

(This space for State Use)

APPROVED BY W. A. Gress TITLE SUPERVISOR, DISTRICT II DATE APR 17 1981

CONDITIONS OF APPROVAL, IF ANY:  
Cement to be set to surface behind 13 3/8" & 8 5/8" casing time to witness cementing 8 5/8"

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

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

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

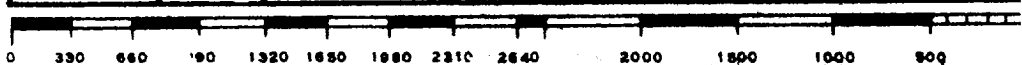
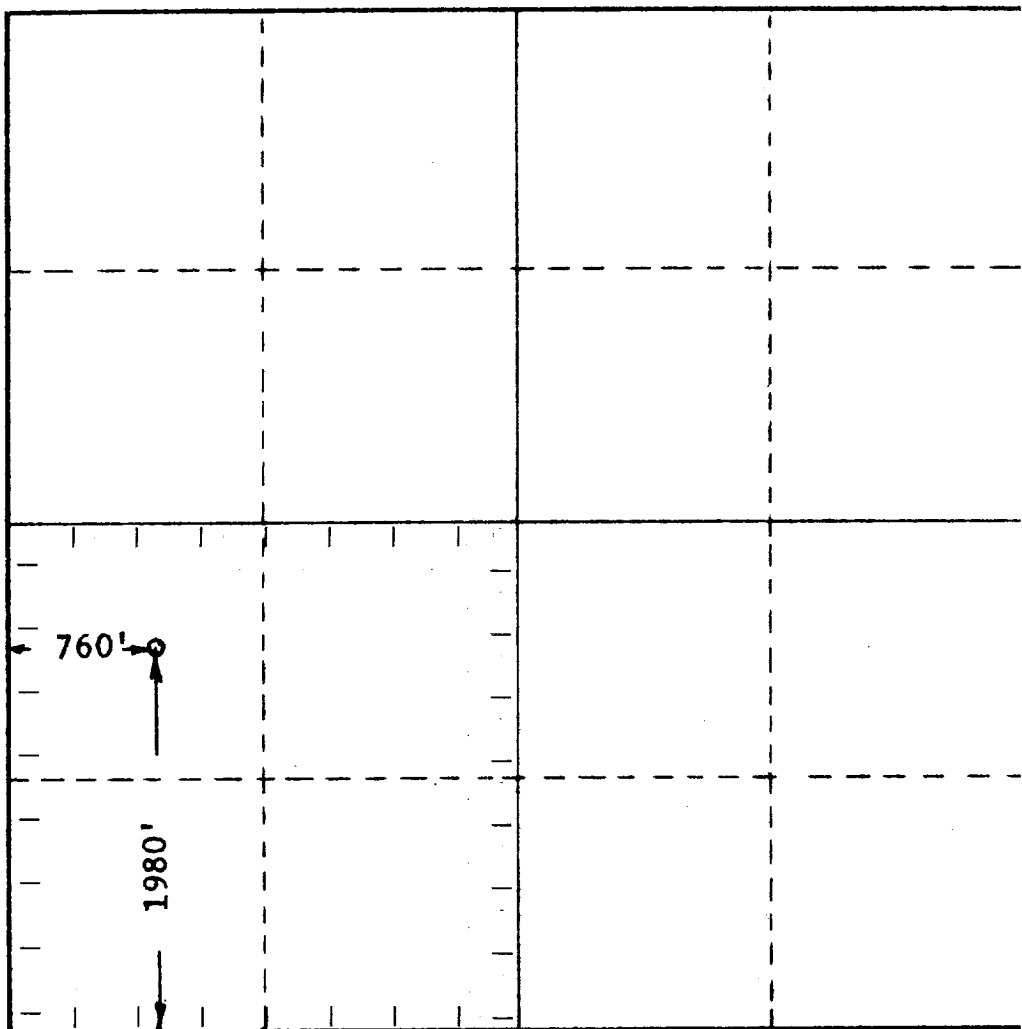
Operator <b>Mesa Petroleum Corp.</b>		Lease <b>Davis</b>		Well No. <b>1</b>
Unit Letter <b>L</b>	Section <b>12</b>	Township <b>7 South</b>	Range <b>25 East</b>	County <b>Chaves</b>
Actual Footage Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>760</b> feet from the <b>West</b> line				
Ground Level Elev. <b>3698.8' GR</b>	Producing Formation <b>ABO</b>	Pool <b>WILDCAT</b>	Dedicated Acreage: <b>SW/4 160</b> 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.



**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  
**APRIL 10, 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  
**April 9, 1981**  
No. \_\_\_\_\_  
Registered Professional Engineer and/or Land Surveyor  
**3239**  
*Ronald J. Eldson*  
Certified by **JOHN W. WEST 878**  
**PATRICK A. ROMERO 8063**  
**Ronald J. Eldson 3239**