

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

FEB 10 1982

O. C. D.  
ARTESIA, OFFICE

30-005-6394

Form C-101  
Revised 10-1-78

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U.S.G.S.	
LAND OFFICE	
OPERATOR	1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Form or Lease Name NEAL COM
2. Name of Operator MESA PETROLEUM CO.		9. Well No. 1
3. Address of Operator 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493		10. Field and Pool, or Wildcat UNDESIGNATED ABO
4. Location of Well UNIT LETTER E LOCATED 1980 FEET FROM THE NORTH LINE AND 660 FEET FROM THE WEST LINE OF SEC. 5 TWP. 7S RGE. 26E		12. County CHAVES
19. Proposed Depth 4450'		19A. Formation ABO
21A. Drilling Contractor DUAL DRILLING		23. Rotary or C.T. ROTARY
21B. Kind & Status Plug. Bond BLANKET		22. Approx. Date Work will start APRIL 15, 1982
21. Elevations (show whether HP, RL, etc.) 3603' GR		

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'	300/200/300	SURFACE
11" or 12 1/4"	8 5/8"	24#	1600'	500/300	ISOLATE WTR, O&G
7 7/8"	4 1/2"	10.5#	4450'	500/500	COVER ALL PAY

Propose to drill 17 1/2" hole to approximately 900', 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 reduce hole to 7 7/8", nipple up RAM type BOP's, and drill to total depth. Drilling medium will be air, foam, or mud as required.

Gas Sales are dedicated.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 8-12-82  
UNLESS DRILLING UNDERWAY

XC: NMOC(6), TLS, CEN RCDS, ACCTG, ROSWELL, MEC, LAND, PARTNERS, FILE, REM

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PAY.  
LIVE 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. E. Mark Title REGULATORY COORDINATOR Date FEBRUARY 9, 1982

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE FEB 12 1982

CONDITIONS OF APPROVAL, IF ANY:

Notify NMLO.C.C. in sufficient  
time to witness cementing  
the 13 3/8" casing

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 8750Form C-102  
Revised 10-1-78

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

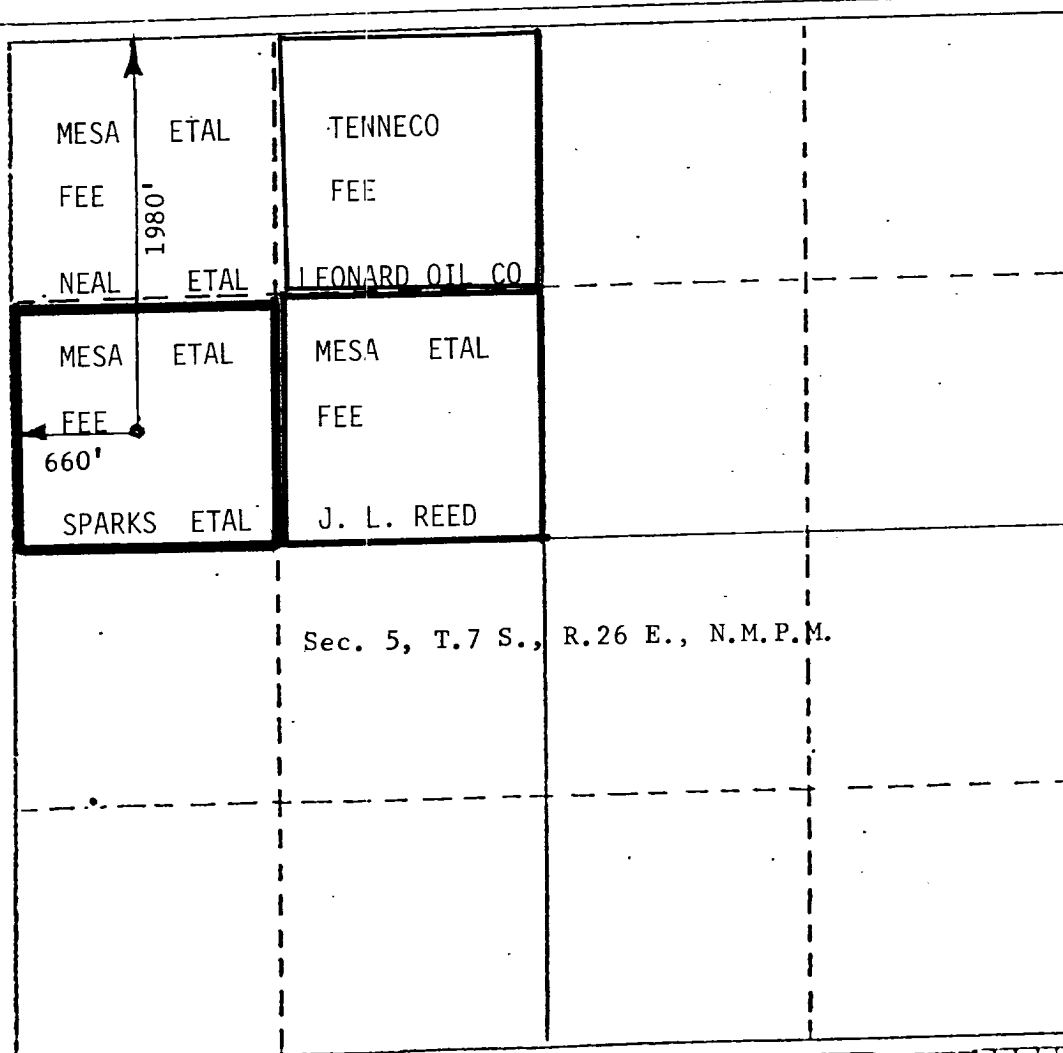
Operator Mesa Petroleum Co.			Lease Neal Com		Well No. #1
Unit Letter E	Section 5	Township 7 South	Range 26 East	County Chaves	
Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3603	Producing Formation ABO	Pool UNDESIGNATED		Dedicated Acreage: NW/4 160 Acres	

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 COMMUNITIZATION IN PROGRESS

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 Division.



## 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

2-9-82

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

January 20, 1982

Registered Professional Engineer and/or Land Surveyor

John D. Jaquess, P.E. &amp; L.S.

Certificate No.

6290