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NEW MEXICO OIL CONSERVATION COMMISSION

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O. C. D.  
ARTESIA, OFFICE

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE ☒ FEE ☐  
5. State Oil & Gas Lease No.  
LG 6693

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"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name NED STATE
2. Name of Operator MESA PETROLEUM CO. ✓		9. Well No. 2
3. Address of Operator 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701		10. Field and Pool, or Wildcat Undesignated ABO
4. Location of Well UNIT LETTER 0 LOCATED 660 FEET FROM THE SOUTH LINE AND 1980 FEET FROM THE EAST LINE OF SEC. 5 TWP. 9S RGE. 23E NMPM		12. County CHAVES
19. Proposed Depth 3700		19A. Formation ABO
20. Rotary or C.T. ROTARY		21. Elevations (Show whether DF, RT, etc.) 3909.7' GR
21A. Kind & Status Plug. Bond BLANKET		21B. Drilling Contractor DESERT DRILLING CO.
22. Approx. Date Work will start JUNE 4, 1981		

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	1000'	750	SURFACE
7 7/8"	4 1/2"	10.5#	3700'	500	SUFFICIENT TO ISOLATE WTR, O&G

Propose to drill 12 1/4" hole on air or foam as required to 1000' to set 8 5/8" surface casing. Will cement to surface, reduce hole to 7 7/8" and drill to total depth. 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 VALID FOR 180 DAYS  
PERMIT EXPIRES 10-16-81  
UNLESS DRILLING UNDERWAY

XC: NMOC (6), TLS, CEN RCDS, ACCTG, ROSWELL, MEC, LAND, 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. E. Martin Title REGULATORY COORDINATOR Date APRIL 9, 1981

(This space for State Use)

APPROVED BY W. A. Gresset TITLE SUPERVISOR, DISTRICT II DATE APR 16 1981

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 5/8" casing

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

Mesa Petroleum Co.		NED State		Well No. 2
Section 0	Range 5	Township 9 South	Range 23 East	County Chaves
Actual Well Location of Well				
660	feet from the south	line and 1980	feet from the east	Line
Ground Surface Elev. 3909.7	Producing Formation ABO	Pool UNDESIGNATED	Designated Acreage SE/4 160 Acres	

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

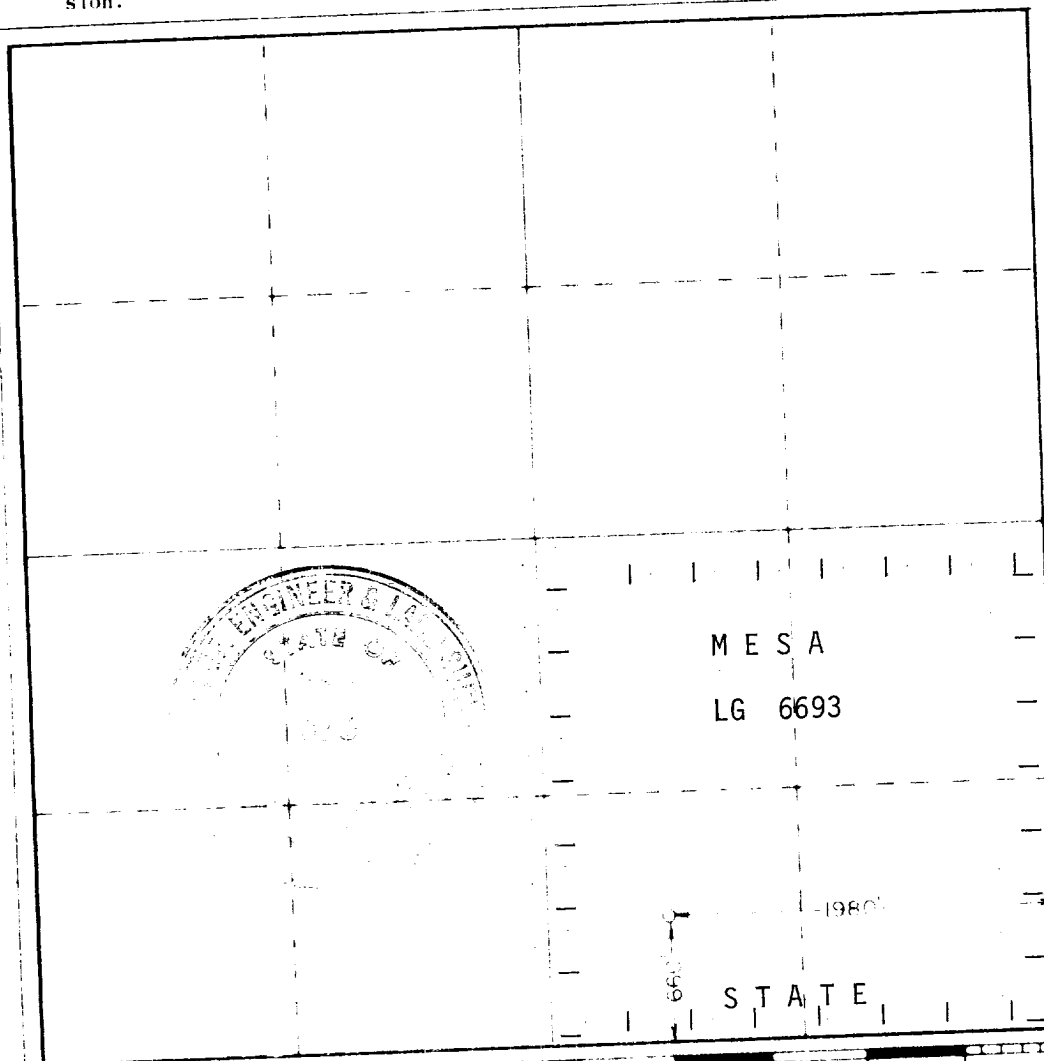
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty)

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*

R. E. MATHIS

REGULATORY COORDINATOR

MESA PETROLEUM CO.

APRIL 9, 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 4-4-81

Registered Professional Engineer in the State of New Mexico

*John W. West*

Certificate No. JOHN W. WEST 676  
PATRICK A. ROMERO 6668  
Ronald J. Eidson 3239