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NEW MEXICO OIL CONSERVATION COMMISSION
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JAN 07 1981

O. C. D.

30-005-60848

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name LAKE TANK	
9. Well No. 1	
10. Field and Pool, or Wildcat WILDCAT	
12. County CHAVES	
19. Proposed Depth 4700'	19A. Formation PENN
20. Rotary or C.T. ROTARY	
21. Elevations (Show whether DF, RT, etc.) 3951.0' GR	22. Approx. Date Work will start 2-15-81

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>	
2. Name of Operator MESA PETROLEUM CO.	
3. Address of Operator 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701	
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1980'</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>660'</u> FEET FROM THE <u>EAST</u> LINE OF SEC. <u>18</u> TWP. <u>6S</u> RGE. <u>24E</u> NMPM	
21. Elevations (Show whether DF, RT, etc.) 3951.0' GR	
21A. Kind & Status Plug. Bond BLANKET	
21B. Drilling Contractor DUAL	

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#	2000	600	SUFFICIENT TO
7 7/8"	4 1/2"	10.5#	4650	500	COVER ALL PAY

Propose to drill 17 1/2" hole to 800' using air. Will set 13 3/8" surface casing and cement to surface. Will reduce hole to 11" and drill to 2000' to set 8 5/8" intermediate casing. Will nipple up ram type BOP's and reduce hole to 7 7/8" and drill to total depth with air, foam, or mud as required. After log evaluation, 4 1/2" casing may be run and cemented back to surface casing or with sufficient kinds and amounts to isolate and seal off any fresh water, oil, or gas zones encountered.

Gas sales are not deducted.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 7-16-81
UNLESS DRILL TO DEPTH

XC: NMOCD (6), TLS, CEN RCDS, ACCTG, HOBBS OFFICE, 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. E. Nathan Title REGULATORY COORDINATOR Date 1-5-81

(This space for State Use)

APPROVED BY H. A. Gressett TITLE REGULATORY COORDINATOR DATE JAN 16 1981

CONDITIONS OF APPROVAL, IF ANY:

**N 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

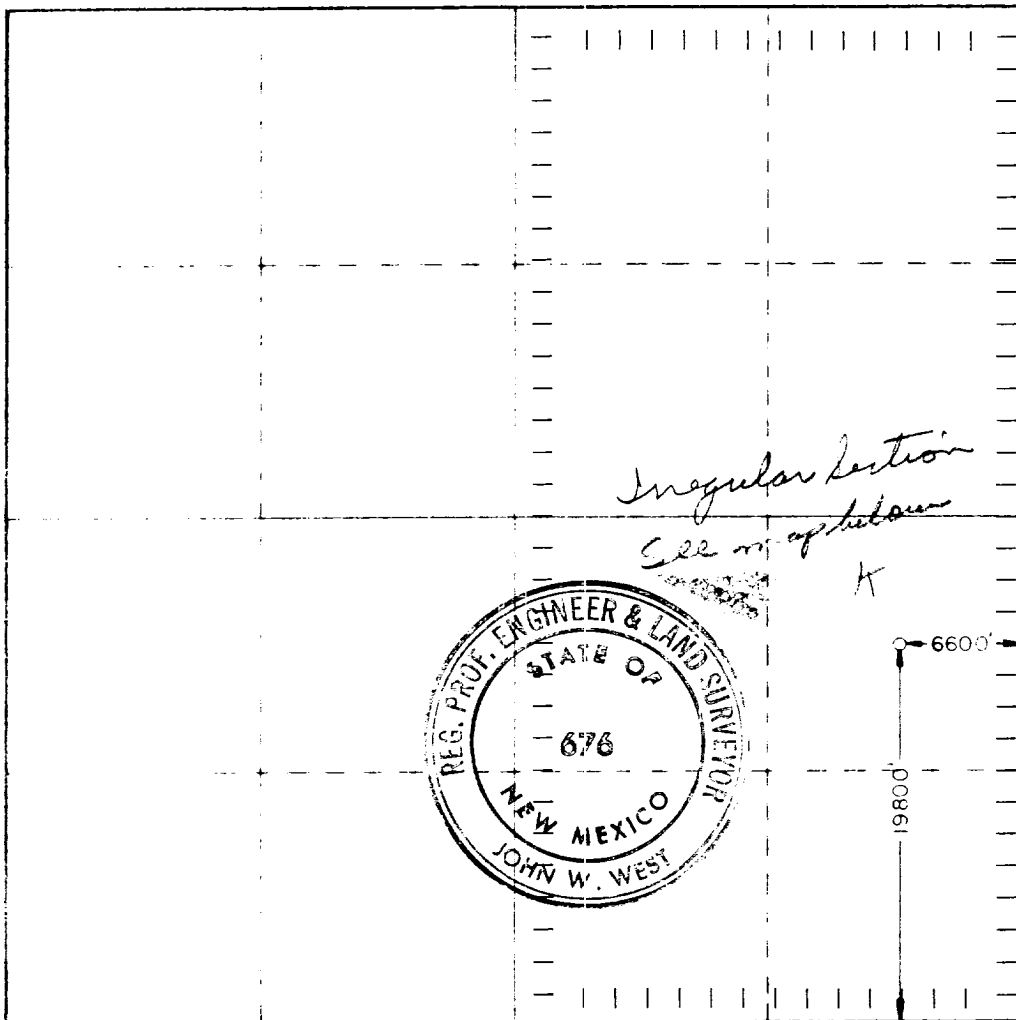
Mesa Petroleum Co.			Lake Tank		Well No. 1
Section 18	Township 6 South	Range 24 East	County Chaves		
1980 feet from the south line and 660 feet from the East side					
Gravel Elev. 3951.0	Producing Formation PENN	Pool WILDCAT	Dedicated Acreage: E/2 320 Acres		

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 _____

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

JANUARY 5, 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

03 December 1980

Registered Professional Engineer

No. 10,000 License

John W. West

Certificate No.

JOHN W. WEST 676
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239

110 660 90 320 1680 1986 231 2640 2000 1500 1000 500 0