

30-025-27269

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NEW MEXICO OIL CONSERVATION COMMISSION

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.	

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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. Farm or Lease Name WEST KNOWLES		
2. Name of Operator Mesa Petroleum Co.			9. Well No. 8		
3. Address of Operator 1000 Vaughn Building / Midland, Texas 79701			10. Field and Pool, or Wildcat CASEY STRAWN		
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>34</u> TWP. <u>16S</u> RGE. <u>37E</u> NMPM			12. County LEA		
19. Proposed Depth 11,700			19A. Formation STRAWN		20. Rotary or C.T. ROTARY
21. Elevations (Show whether DF, RT, etc.) 3771.8' GR		21A. Kind & Status Plug. Bond BLANKET	21B. Drilling Contractor MORANCO		22. Approx. Date Work will start APRIL 1, 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#	400'	400	SURFACE
12 1/4"	9 5/8"	36#/40#	4500'	1000/500	SURFACE
8 1/2"	5 1/2"	15.5#/17#	11,700'	900/500	SUFFICIENT TO TIE BACK TO 9 5/8" CSG

Propose to spud well with 17 1/2" hole with fresh water gel spud mud. Will drill to 400' to set 13 3/8" surface casing and cement to surface. Will reduce hole to 12 1/4" and install 3000 psi casinghead and double BOP and drill to 4500' to set 9 5/8" casing and cement back to surface. Will reduce hole to 8 1/2" and drill 7900', mud up to core Drinkard and then drill to 11,000' and mud up to TD. May run 5 1/2" production casing after log evaluation and cement with sufficient kinds and amounts of cement to tie back into the 9 5/8" casing to isolate and shut off any water, oil, or gas zones encountered.

Operator's Gas Sales Are Dedicated To Phillips.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 8/11/81
UNLESS DRILLING UNDERWAY

XC: NMOC (6), TLS, HOBBS, CEN RCDS, ACCTG, MAH, PARTNERS, MEC, 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.

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

signed R. P. Mark Title Regulatory Coordinator Date FEBRUARY 9, 1981

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE FEB 11 1981

CONDITIONS OF APPROVAL IF ANY:

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

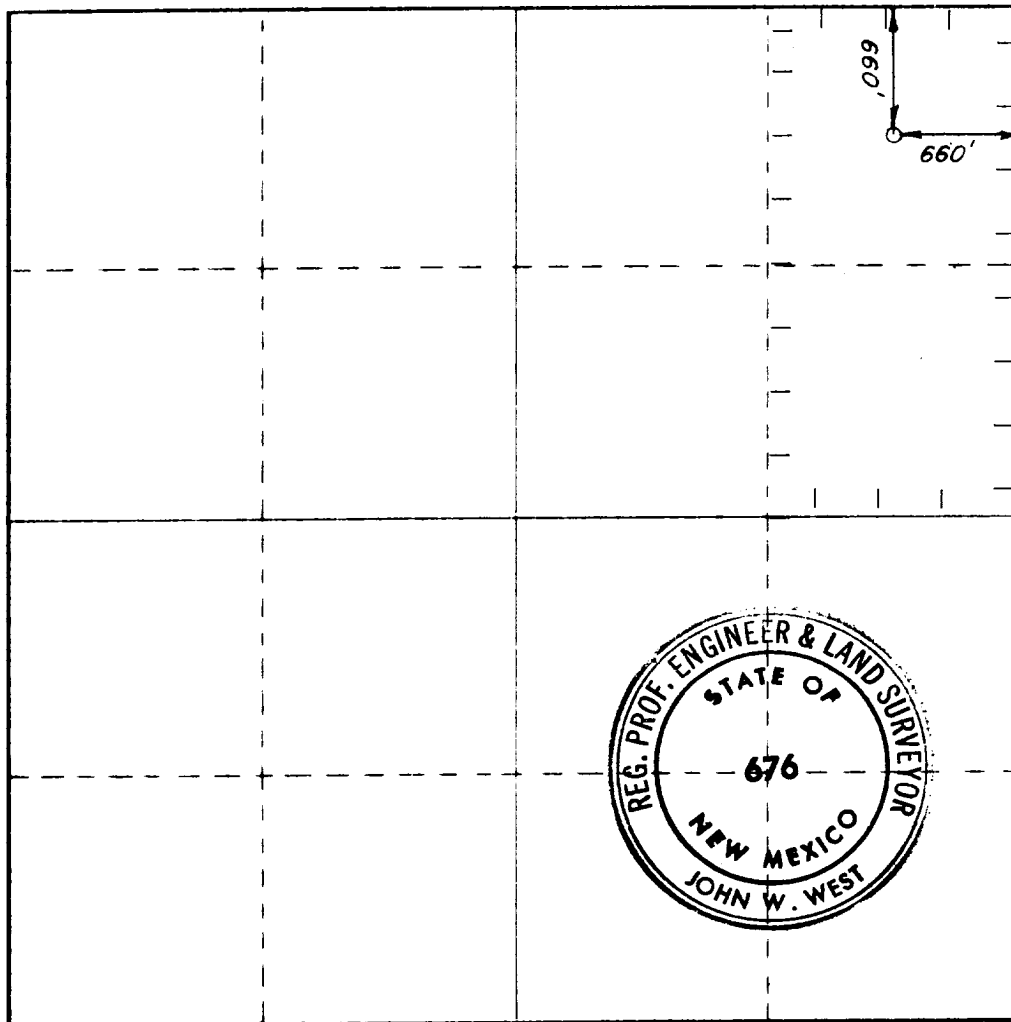
Operator MESA PETROLEUM CO.			Lease WEST KNOWLES			Well No. 8		
Unit Letter A	Section 34	Township 16 South	Range 37 East	County Lea County, New Mexico				
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the East								
Ground Level Elev. 3771.8		Producing Formation STRAWN		Pool CASEY			Well Test Acreage 80	

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 UNITIZATION

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

FEBRUARY 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 Surveyed

January 23, 1981

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