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NEW MEXICO OIL CONSERVATION COMMISSION

30-005-60867
Form C-101
Revised 1-1-65

FEB 06 1981

O. C. D.
ARTESIA, OFFICE

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 SHANNON
9. Well No. 1
10. Field and Pool, or Wildcat WILDCAT
12. County CHAVES
19. Proposed Depth 4200'
19A. Formation ABO
20. Rotary or C.T. ROTARY
21. Elevations (Show whether DF, RT, etc.) 3861.65' GR
21A. Kind & Status Plug. Bond BLANKET
21B. Drilling Contractor TOM BROWN
22. Approx. Date Work will start APRIL 15, 1981

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"/>
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input 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 G LOCATED 1980' FEET FROM THE NORTH LINE AND 1980 FEET FROM THE EAST LINE OF SEC. 27 TWP. 6S RGE. 24E NMPM
19. Proposed Depth 4200'
19A. Formation ABO
20. Rotary or C.T. ROTARY
21. Elevations (Show whether DF, RT, etc.) 3861.65' GR
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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 ISOLATE WTR, O&G
7 7/8"	4 1/2"	10.5#	4200'	500	SUFFICIENT TO COVER ALL PAY

Propose to drill 17 1/2" hole to 800' or deeper on air as far as possible and switching to foam or mud if water zones are encountered. Will set 13 3/8" surface casing and cement to surface. Will reduce hole and drill to 1600' to set 8 5/8" casing. Will nipple up ram type BOPs 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 Not Dedicated.

XC: NMOC (6), TLS, CEN RCDS, ACCTG, HOBBS, NEC, LAND, PARTNERS, FILE

APPROVAL VALID FOR 180 DAYS
PERMIT DUE 8-17-81
UNLESS DRILLING UNDERWAY

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. Mathis Title Regulatory Coordinator Date FEBRUARY 5, 1981

(This space for State Use)

APPROVED BY W. J. L. L. L. TITLE SUPERVISOR, DISTRICT II DATE FEB 17 1981

CONDITIONS OF APPROVAL, IF ANY:

N MEXICO OIL CONSERVATION COMMISS
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-120
 Effective 1-4-83

All addresses except by from the state boundaries of the Section.

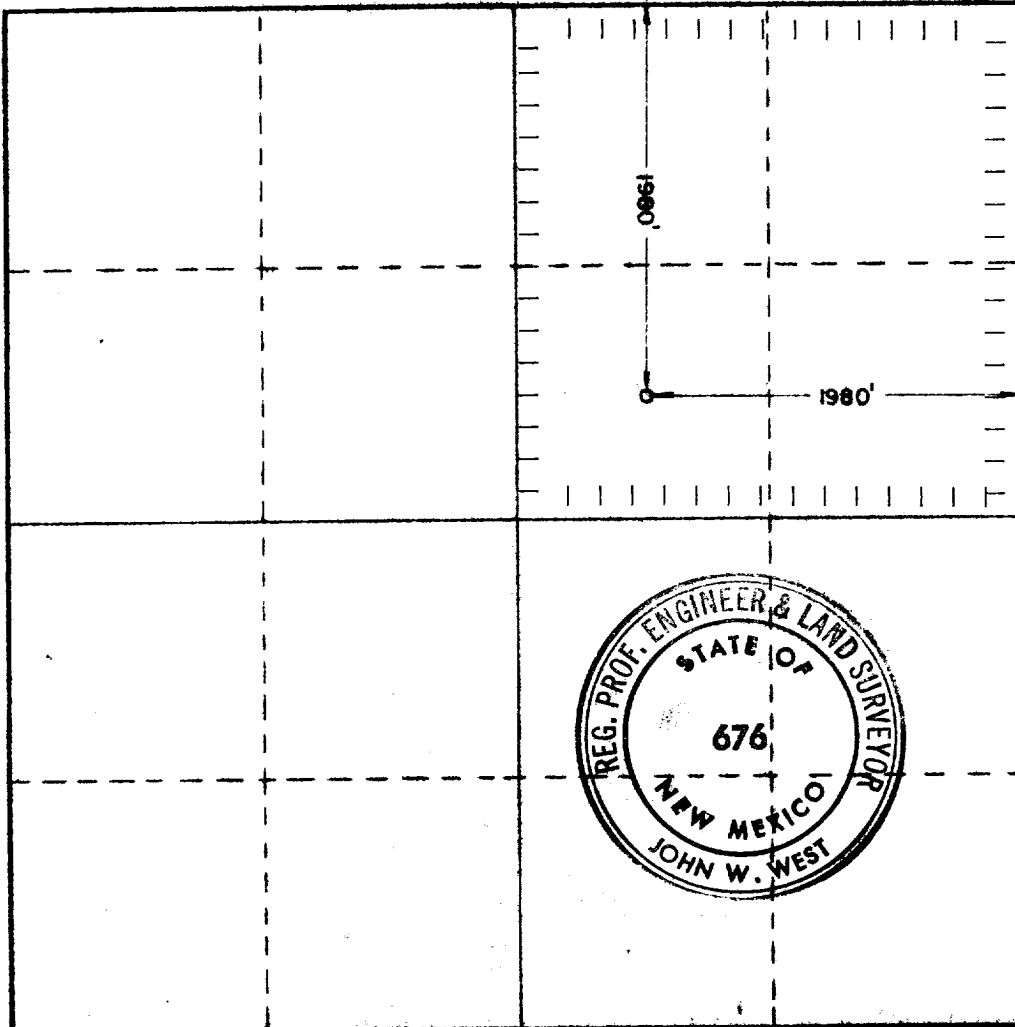
Operator Mesa Petroleum Co.			Lease Shannon		Well No. 1
Unit Letter 6	Section 27	Township 6 South	Range 24 East	County Chaves	
Actual Footage Location of Well: 1980 feet from the north line and 1980 feet from the east line					
Ground Level Elev. 3861.65	Producing Formation ABO	Pool Und WILDCAT also	Dedicated Acreage: NE/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 _____

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 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
Nov. 19, 1980

Registered Professional Engineer and/or Land Surveyor

John W. West
 Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 668
RONALD J. KIDDER 3239

