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NEW MEXICO OIL CONSERVATION COMMISSION

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APR 27 1978

O.C.C.

OFFICE

30-015-22517

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. L-3096
7. Unit Agreement Name
8. Farm or Lease Name Cass State Com
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated Morrow
12. County Eddy
19. Proposed Depth 8800'
19A. Formation Morrow
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3626 GR 3641 RKB
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Warton
22. Approx. Date Work will start June 1, 1978

1a. Type of Work 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"/>	
2. Name of Operator Mesa Petroleum Co	
3. Address of Operator 1000 Vaughn Building/Midland, Texas 79701	
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 30 TWP. 18S RGE. 25E NMPM	
23.	

## 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	350	400	Circ
12 1/4	8-5/8	24	1150	400 + 200	Circ
7-7/8	4-1/2	10.5 - 11.6	8800	600	6500'

Propose to drill to 350' and run 13-3/8" casing, then cement to surface. Will install casinghead and NU BOPs to drill 12 1/4" intermediate hole to approximately 1150'. Will cement 8-5/8" casing to surface and NU BOPs as before (pipe, blind, and hydri). Will drill 7-7/8" hole to approximately 8800'; will run DSTs as necessary to evaluate formations as penetrated. Will cement production casing with sufficient volume to cover all possible pay intervals.

Mud Program: Use fresh water with gel and LCM to 1150'. Will then use fresh water to 6000', gradually converting to drispac-KCL system. Maximum mud weight expected is 8.8 PPG.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

Operator's gas is committed to Northern Natural Gas.

EXPIRES 7-28-78

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 Michael P. Hanton Title Division Engineer Date April 25, 1978

(This space for State Use)

PROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE APR 28 1978

ADDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to

Notify N.M.O.C.C. in writing  
time to witness cementing  
the 8 3/4" casing

XC: JLF, JWH, MEC, NMOCC, W.I. OWNERS  
surface behind 13 3/8" + 8 3/8" casing

**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.

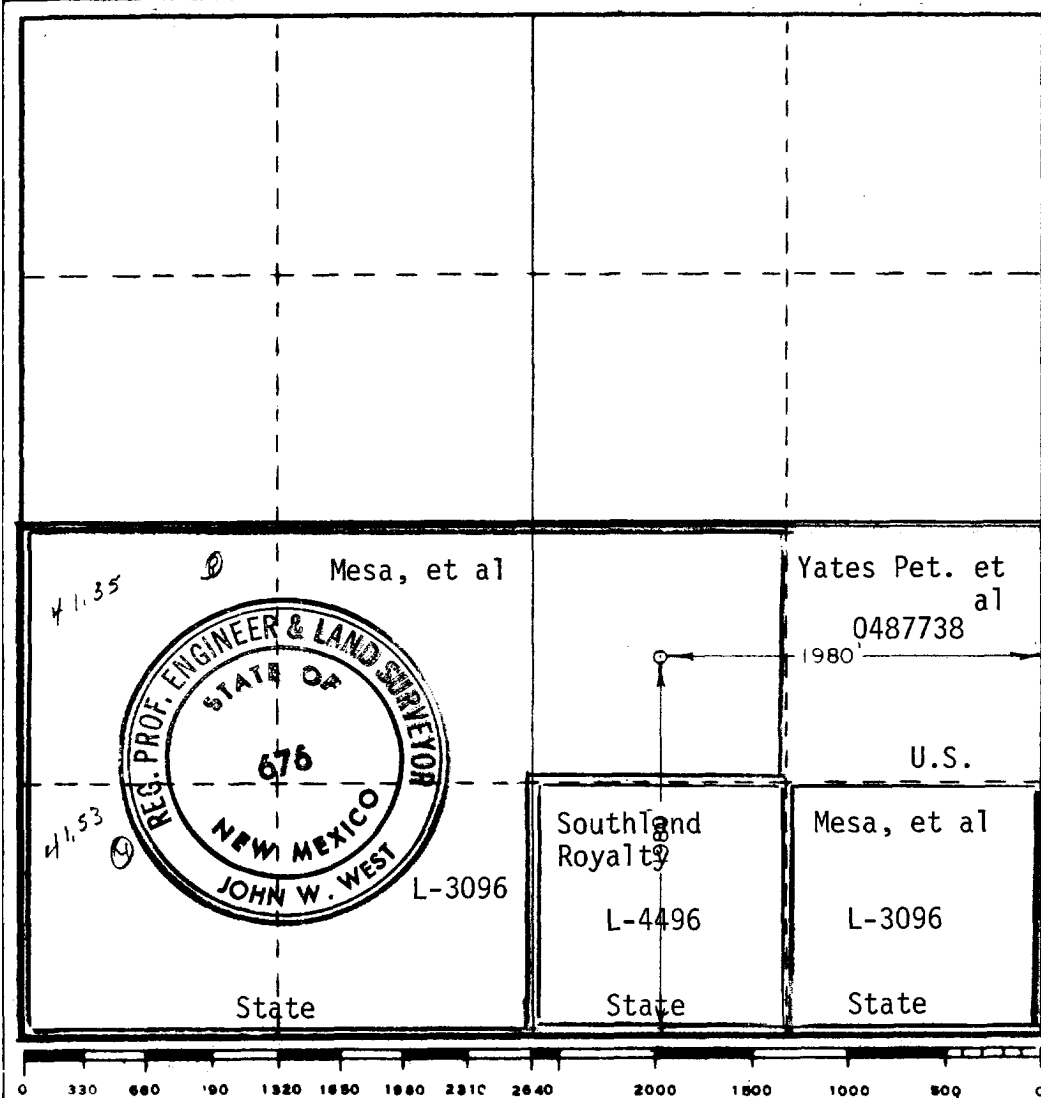
Operator <b>Mesa Petroleum Co.</b>			Lease <b>Cass State Com.</b>		Well No. <b>1</b>
Unit Letter <b>J</b>	Section <b>30</b>	Township <b>18 South</b>	Range <b>25 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3626.1</b>	Producing Formation <b>Morrow</b>		Pool <b>Undesignated</b>	Dedicated Acreage: <b>S/2 322.8820</b> 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 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 Commission.



**CERTIFICATION**

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

*Michael P. Houston*

Name  
**Michael P. Houston**

Position  
**Division Engineer**

Company  
**Mesa Petroleum Co**

Date  
**April 26, 1978**

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  
**4/21/78**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **John W. West 676**  
**Ronald J. Eidsen 3239**