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NEW MEXICO OIL CONSERVATION COMMISSION

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MAY - 7 1982

O. C. D.  
ARTESIA, OFFICE

30-005-61583  
Form C-101  
Revised 1-1-85

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 b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator MESA PETROLEUM CO. ✓		SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name BELL ESTATE	
3. Address of Operator 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79703-4493				9. Well No. 2	
4. Location of Well UNIT LETTER L LOCATED 1980 FEET FROM THE SOUTH LINE AND 990 FEET FROM THE WEST LINE OF SEC. 17 TWP. 5S RGE. 24E NMPM				10. Field and Pool, or Wildcat PECOS SLOPE ABO	
				12. County CHAVES	
		19. Proposed Depth 4200'		19A. Formation ABO	
21. Elevations (Show whether DF, RT, etc.) 4137' GR		21A. Kind & Status Plug. Bond BLANKET		20. Rotary or C.T. ROTARY	
		21B. Drilling Contractor TOM BROWN DRILLING		22. Approx. Date Work will start MAY 15, 1982	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4"	10 3/4"	40.5#	950'	700/300	SURFACE
9 1/2"	7 5/8"/7"	26.4#/23#	1600'	700/300	TIE BACK
7 7/8"/6 1/2"/6 1/4"	4 1/2"/5 1/2"	10.5#/15.5#	4200'	300	COVER ABO

Propose to drill 14 3/4" hole with mud or air to approximately 950' and run 10 3/4" casing. Will cement to surface and test casing with cementing head to 600 psi. Will reduce hole to 9 1/2" and drill on mud or air to approximately 1600' and run 7 5/8" casing if circulation has been lost and cement with sufficient amounts to tie-back to 10 3/4" casing. Will then reduce hole to 6 1/2" or 6 1/4", test BOP's and casing and drill to total depth. If hole conditions are favorable, the 7 5/8" casing will be omitted and the hole will be reduced to 7 7/8" and drilled to total depth. Either 4 1/2" or 5 1/2" casing will be run as production casing depending upon hole sized drilled to TD.

Operator's gas sales are dedicated.

APPROVAL VALIC FOR 180 DAYS  
PERMIT EXPIRES 11-10-82  
UNLESS DRILLING UNDERWAY

XC: NMOCD (6), TLS, CEN RCDS, ACCTG, MEC, LAND, ROSWELL, REM, FILE (PARTNERS )

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. Mott Title REGULATORY COORDINATOR Date 5-5-82

(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE 5-10-82

CONDITIONS OF APPROVAL, IF ANY:

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator Mesa Petroleum Co.			Lease Bell Estate		Well No. #2
Unit Letter L	Section 17	Township 5 South	Range 24 East	County Chaves	
Actual Postage Location of Well: 990 feet from the West line and 1980 feet from the South line					
Ground Level Elev. 4137	Producing Formation ABO	Pool UNDESIGNATED		Dedicated Acreage: SW/4 160 Acres	

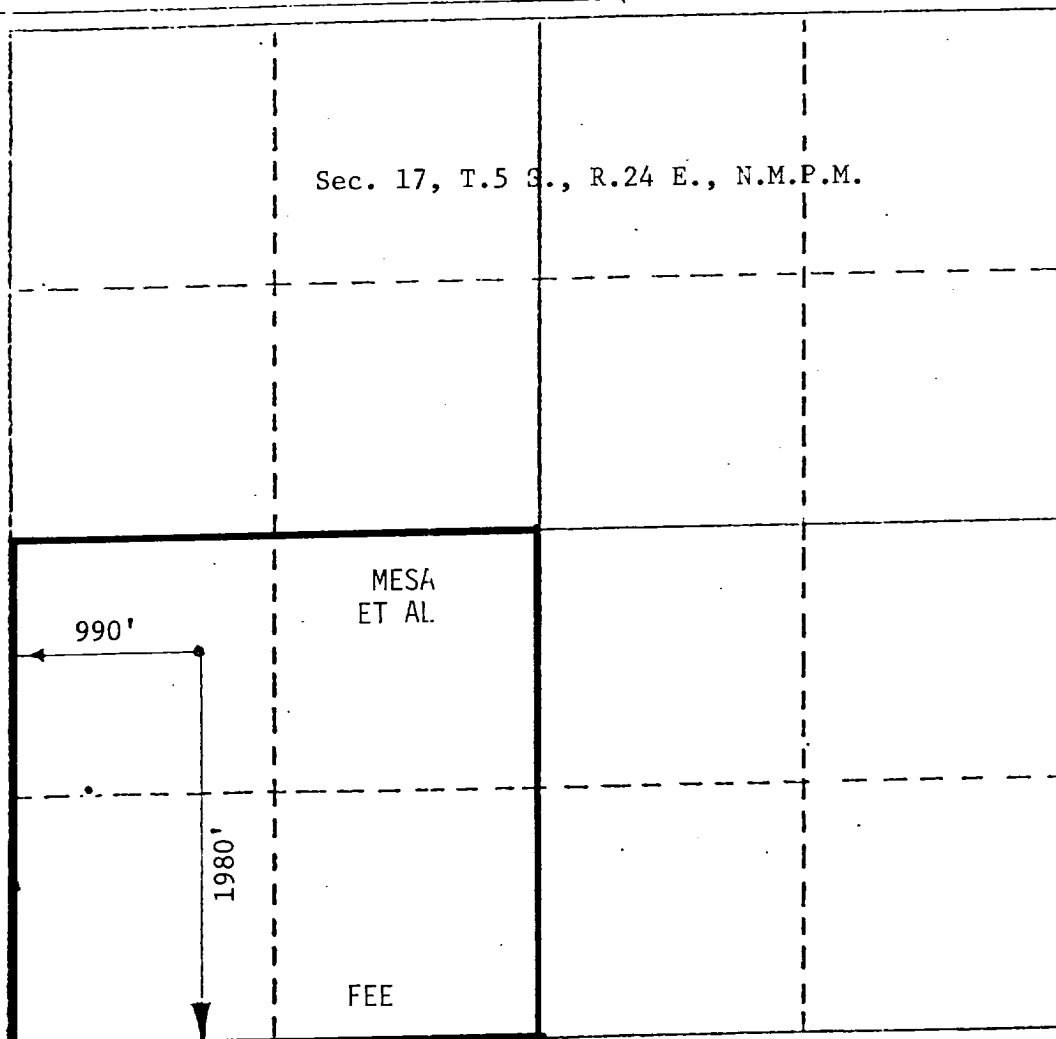
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 Division.

Sec. 17, T.5 S., R.24 E., N.M.P.M.



## 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

MAY 5, 1982

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

May 3, 1982

Registered Professional Engineer and/or Licensed Surveyor

John D. Jaquess, P.E. &amp; L.S.

Certificate No.

6290