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NEW MEXICO OIL CONSERVATION COMMISSION

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.	
E - 10160	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name KEMNITZ STATE	
2. Name of Operator Mesa Petroleum Company		9. Well No. 1	
3. Address of Operator 1000 Vaughn Building/ Midland, Texas 79701		10. Field and Pool, or Wildcat HUME QUEEN	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE SOUTH LINE AND 660 FEET FROM THE WEST LINE OF SEC. 22 TWP. 16S RGE. 34E NMPM		12. County LEA	
19. Proposed Depth 4045'		19A. Formation PENROSE	
21. Elevations (Show whether DF, RT, etc.) 4102' RKB		22. Approx. Date Work will start June 16, 1980	
21A. Kind & Status Plug. Bond BLANKET		20. Rotary or C.T. P.U.	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

Due to decline in production of Wolfcamp formation in this "OLD WELL", propose to bring pump to surface, pull tubing and packer, and set retainer at 10,600'. Will squeeze Wolfcamp perfs at 10,734' --- 10,830' with 150 sx of cement leaving 2 to 5 sx on top of retainer. Will run free point indicator and cut off 4-1/2" casing (anticipated at 4600'-4800'). Will then set cement plug (50' in and out of the 4-1/2" casing stub). Will place 100' cement plug at shoe of 7-5/8" casing and set CIBP at 4400' with 10' of cement on top. Will perforate 7-5/8" casing at PENROSE formation, 4032' --- 4045', followed by acidization and frac treatment as required.

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. F. Markis Title Regulatory Coordinator Date 5-16-80

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DATE 5-16-80

CONDITIONS OF APPROVAL, IF ANY:

XC: NMOCD (6), TLS, JWH, ACCTG, CENTRAL RECORDS, MEC, JBH, FILE 5-16-80

NEW 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.

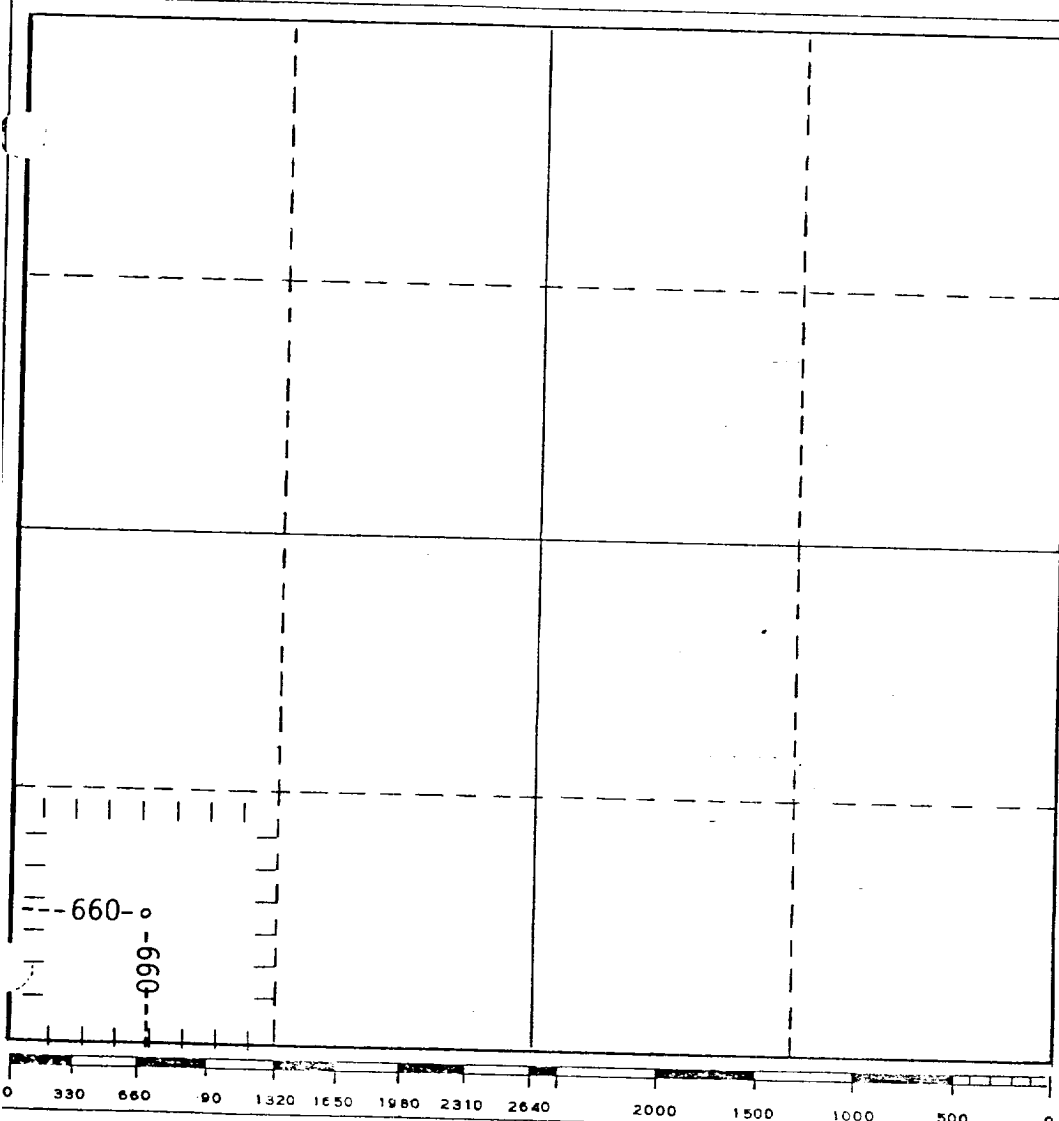
Operator MESA PETROLEUM		Lease KEMNITZ STATE		Well No. 1	
Well Letter M	Section 22	Township 16 SOUTH	Range 34 EAST	County LEA	
Actual Footage Location of Well: 660 feet from the SOUTH line and 660 feet from the WEST line					
Ground Level Elev. NA	Producing Formation PENROSE		Pool HUME QUEEN	Dedicated Acreage: 40 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 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

MAY 16, 1980

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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.