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NEW MEXICO OIL CONSERVATION COMMISSION

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30-05-22655

Form C-101
Revised 1-1-65

AUG - 9 1978

O. C. C.
ARTESIA, OFFICE

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-484	

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 Bogle State Com	
2. Name of Operator Mesa Petroleum Co. ✓		9. Well No. 2	
3. Address of Operator 1000 Vaughn Bldg. Midland, Texas 79701		10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER <u>R</u> LOCATED <u>1980</u> FEET FROM THE <u>East</u> LINE AND <u>1980</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>2</u> TWP. <u>16S</u> RGE. <u>27E</u> NMPM		12. County Eddy	
19. Proposed Depth 9000'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3585.7 GR	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Warton	
22. Approx. Date Work will start 9-1-78			

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	Surface
11"	8 5/8"	24	1600	1050	Surface
7 7/8"	4 1/2"	11.6	9000	Sufficient to	cover all pay

Propose to drill 17 1/2" hole to approximately 350' without BOPS. After Cementing 13 3/8" casing and nipping up BOPS, will drill 11" hole to approximately 1600' using fresh water drilling fluid. After cementing 8 5/8" casing and nipping up 3000 psi BOPS, will drill 7 7/8" hole to total depth using cut brine drilling fluid. Maximum mud weight should be 9.5#/gal. based on offset well data. Operator's gas is dedicated to Northern Natural Gas Company.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 11-11-78

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 Steve Douglas Title Staff Engineer Date 8/7/78

(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE AUG 11 1978

CONDITIONS OF APPROVAL, IF ANY:

XC: JLF, MEC, NMCD, FILE, JWH, JBH, WI OWNERS

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 8 5/8" casing

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

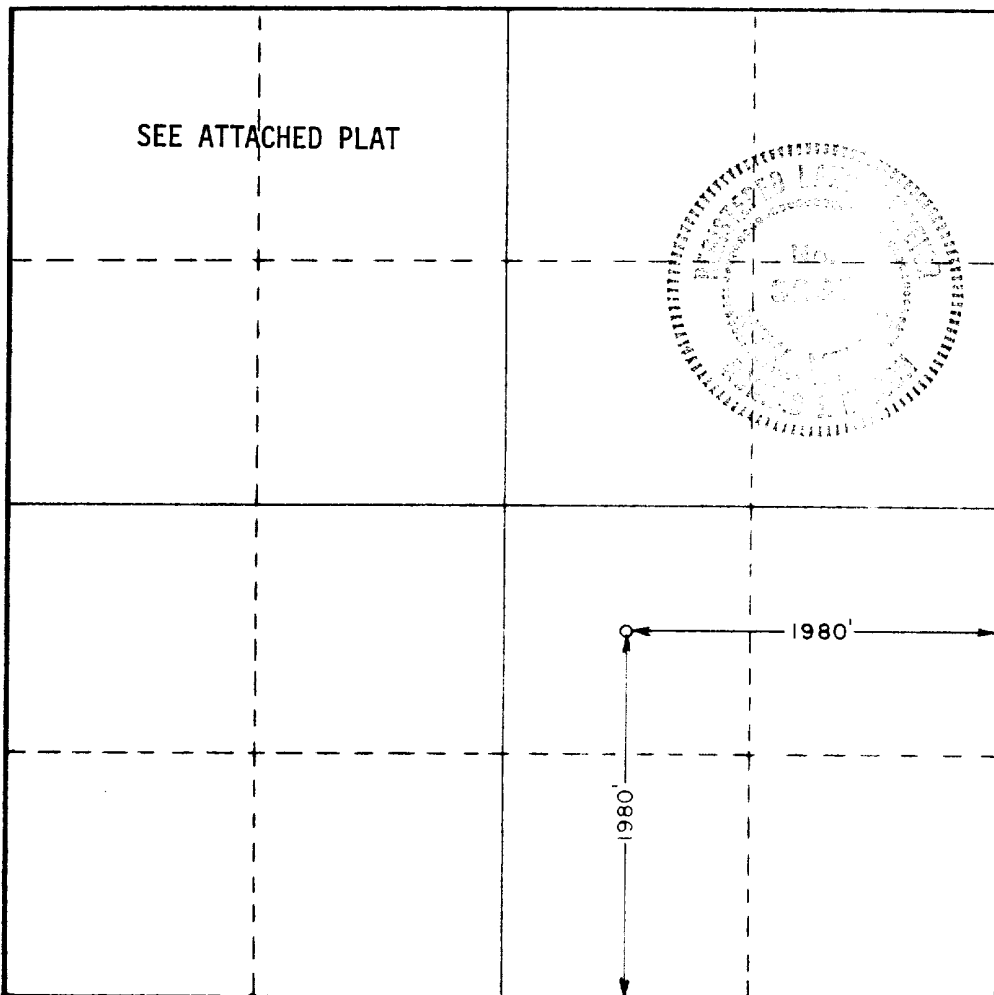
Operator Mesa Petroleum Co.			Lease Bogle State Com.		Well No. 2
Unit Letter R	Section 2	Township 16 South	Range 27 East	County Eddy	
Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the East line					
Ground Level Elev. 3585.7	Producing Formation Morrow	Pool Undesignated		Dedicated Acreage: S/320 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 Pending

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.

Steve Douglas
 Name

Steve Douglas

Position
Engineer

Company
Mesa Petroleum Co.

Date
August 7, 1978

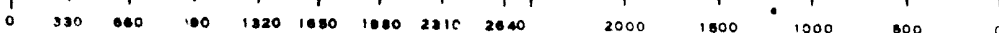
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
Dec. 31, 1977

Registered Professional Engineer
 and/or Land Surveyor

Ronald J. Eidson
 Certificate No. **John W. West 676**

Ronald J. Eidson 3239



MESA PETROLEUM CO.
BOGLE ST. COM. #2

