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NEW MEXICO OIL CONSERVATION COMMISSION

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30-015-22898

Form C-101
Revised 1-1-65

APR - 6 1979

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. LG-5026
7. Unit Agreement Name
8. Farm or Lease Name Gardner State
9. Well No. 2
10. Field and Pool, or Wildcat Undesignated Morrow
12. County Eddy
19. Proposed Depth 8000
19A. Formation Morrow
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3981 GR
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Ard
22. Approx. Date Work will start April 15, 1979

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"/>	7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	8. Farm or Lease Name Gardner State
2. Name of Operator Mesa Petroleum Co	9. Well No. 2
3. Address of Operator 1000 Vaughn Building/ Midland, Texas 79701	10. Field and Pool, or Wildcat Undesignated Morrow
4. Location of Well UNIT LETTER <u>K I</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>8</u> TWP. <u>19S</u> RGE. <u>23E</u> NMPM	12. County Eddy
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	250	300	Circ
12-1/4	8-5/8	24	1700	1000	Circ
7-7/8	5-1/2	17	8000	1200	3000

Propose to drill surface hole w/water and addition of lost circulation material. After setting 13-3/8" casing and circulating cement to surface, will nipple up 12" API 3000 psi casing flange and install double hydraulic 12" API 3000 psi WP BOPs. Will drill 12-1/4" intermediate hole to 1700' using water and LCM. After setting 8-5/8" casing and circulating cement to surface, will install 10" API 3000 psi WP BOPs and drill 7-7/8" hole to total depth of 8000'. Maximum expected mud weight should not exceed 9.6 PPG based upon offset wells.

Gas is not dedicated to a purchaser.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 7-9-79

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. Houston Title Division Engineer Date 4-5-79

(This space for State Use)

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE APR 9 - 1979

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to

Notify N.M.O.C.C. in sufficient

time to witness cementing

the 8 5/8" casing

XC: JLF, JWH, MEC, JBH, FILE, NMOC,

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

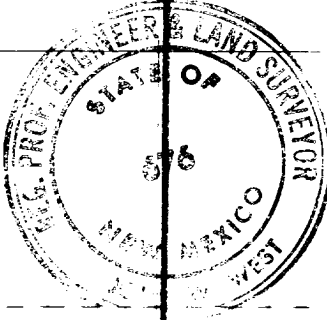
Mesa Petroleum Co.		Gardner State		2
1	8	19 South	23 East	Eddy
1980				
feet from line		South	660	feet from line
3981.0		Morrow	Undesignated	E/2 320 A-1

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 N/A

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.

MESA PETROLEUM CO	
LG 5026	
	
STATE	

CERTIFICATION

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

Michael P. Houston

Michael P. Houston

Division Engineer

Mesa Petroleum Co

April 5, 1979

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.

March 31, 1979

John C. West

John C. West

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