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JAN 7 1982

O. C. D.

ARTESIA OFFICE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 b. Type of Well
 OIL WELL ☐ GAS WELL ☒ OTHER ☐
 DEEPEN ☐ PLUG BACK ☐
 SINGLE ZONE ☒ MULTIPLE ZONE ☐
 2. Name of Operator
 MESA PETROLEUM CO ✓
 3. Address of Operator
 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493
 4. Location of Well
 UNIT LETTER E LOCATED 1930 FEET FROM THE North LINE
 AND 660 FEET FROM THE West LINE OF SEC. 11 TWP. 5S RGE. 24E MAP
 19. Proposed Depth
 4100'
 19A. Formation
 ABO
 20. Rotary or C.T.
 ROTARY
 21A. Kind & Status Plug. Bond
 BLANKET
 21B. Drilling Contractor
 Dual Drilling
 22. Approx. Date Work will start
 February 18, 1982

5A. Indicate Type of Lease
 STATE ☐ REC ☒
 5. State Oil & Gas Lease No.
 7. Unit Agreement Name
 8. Farm or Lease Name
 Horse Creek Com
 9. Well No.
 2
 10. Field and Pool, or Wildcat
 Undesignated Abo
 12. County
 Chaves

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#	900'	300/200/300	SURFACE
11"	8 5/8"	24#	1600'	500/300	ISOLATE WTR, O&G
7 7/8"	4 1/2"	10.5#	4100'	500/500	COVER ALL PAY

Propose to drill 17 1/2" hole to approximately 900', set 13 3/8" surface casing and cement to surface. Will reduce hole to 11" and drill to 1600' to set 8 5/8" casing. Will reduce hole to 7 7/8", nipple up RAM type BOP's, and drill to total depth. Drilling medium will be air, foam, or mud as required.

Gas Sales are dedicated.

Note: Location moved 50' to north due to topography.

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 7-8-82
 UNLESS DRILLING UNDERWAY

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

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 P. Nash Title REGULATORY COORDINATOR Date 12-29-81

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE JAN 8 1982
 CONDITIONS OF APPROVAL, IF ANY:

Posted 12-1
 API + NL Book
 1-8-82

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

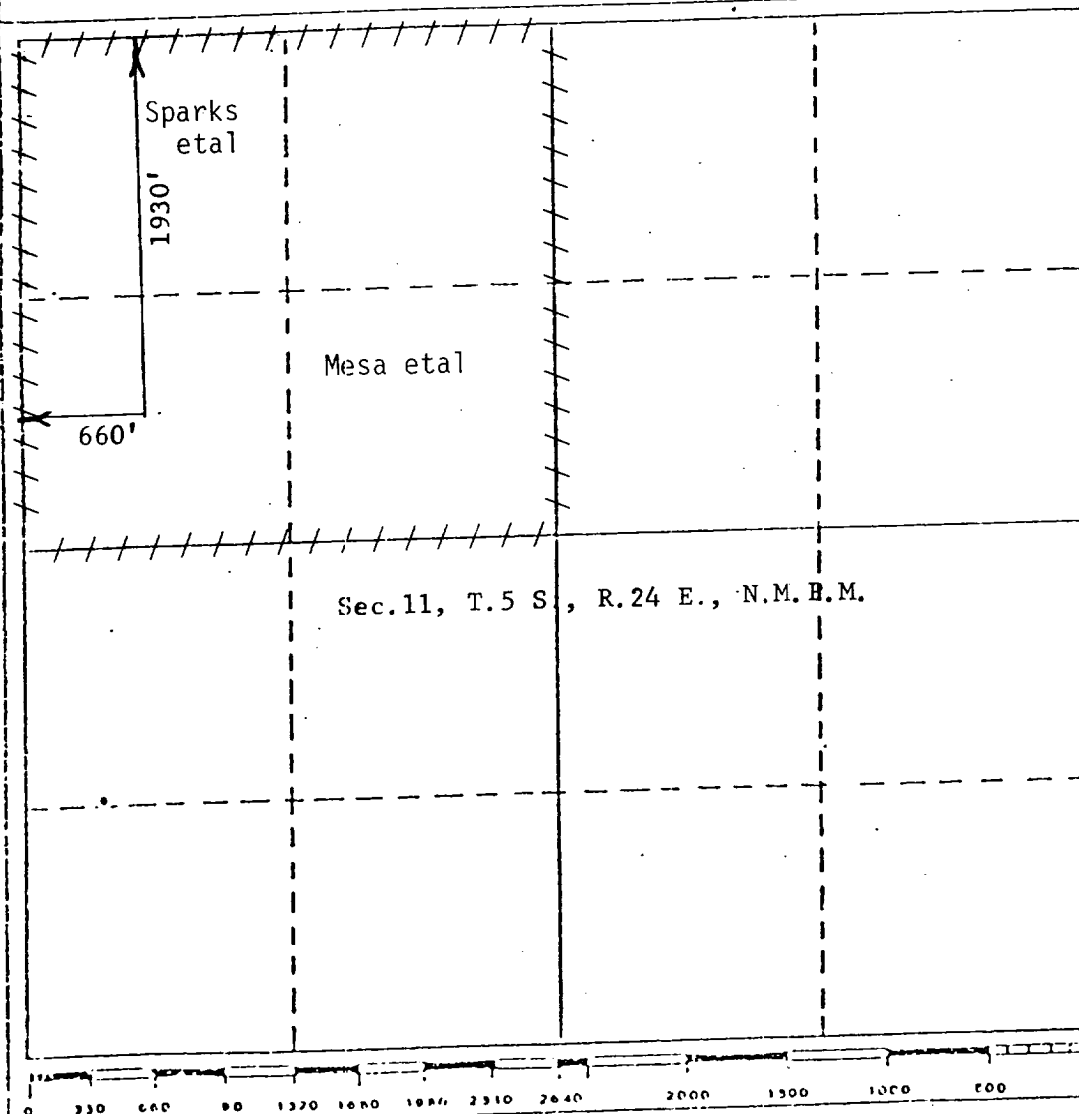
Operator Mesa Petroleum Co.			Lease Horsecreek Com		Well No. #2
Unit Letter E	Section 11	Township 5 South	Range 24 East	County Chaves	
Actual Footage Location of Well: 660 feet from the West line and 1930 feet from the North line					
Ground Level Elev. 3906	Producing Formation ABO	Pool Undesignated		Dedicated Acreage: NW/4 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Division.



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 Cood

Company

Mesa Petroleum Co

Date

12-28-81

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

December 18, 1981

Registered Professional Engineer and/or Land Surveyor

John D. Jacques, P.E., L.S.
Certificate No. 6290