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NEW MEXICO OIL CONSERVATION COMMISSION

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JUN 24 1982

O. C. D.
ARTESIA, OFFICE30-005-61681
Form C-101
Revised 1-1-65

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 DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name WILLOW CREEK UNIT
b. Type of Well 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 Willow Creek Unit
2. Name of Operator MESA PETROLEUM CO. Agent for Yates Petroleum Corp - Unit Operator		9. Well No. 8
3. Address of Operator 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79703-4493		10. Field and Pool, or Wildcat UNDESIGNATED ABO
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE SOUTH LINE AND 660 FEET FROM THE WEST LINE OF SEC. 1 TWP. 5S RGE. 25E NMPM		12. County CHAVES
19. Proposed Depth 4350'		19A. Formation ABO
20. Rotary or C.T. ROTARY		
21. Elevations (Show whether DF, RT, etc.) 3675' GR	21A. Kind & Status Plug. Bond BLANKET	21B. Drilling Contractor TOM BROWN DRILLING
22. Approx. Date Work will start JULY 16, 1982		

23.

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#	4350'	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 size drilled to TD.

Operator's gas sales are dedicated.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 12-29-82
UNLESS DRILLING UNDERWAY

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

Produced TD-I
APR 7 NL R-16
7-2-82

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. Marshall Title REGULATORY COORDINATOR Date 6-22-82

(This space for State Use)

OIL AND GAS INSPECTOR

JUN 29 1982

APPROVED BY Mike Wilkerson TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to

Notify N.M.O.C.C. in sufficient
time to witness cementing

surface behind 10 3/4" casing

10 3/4" casing

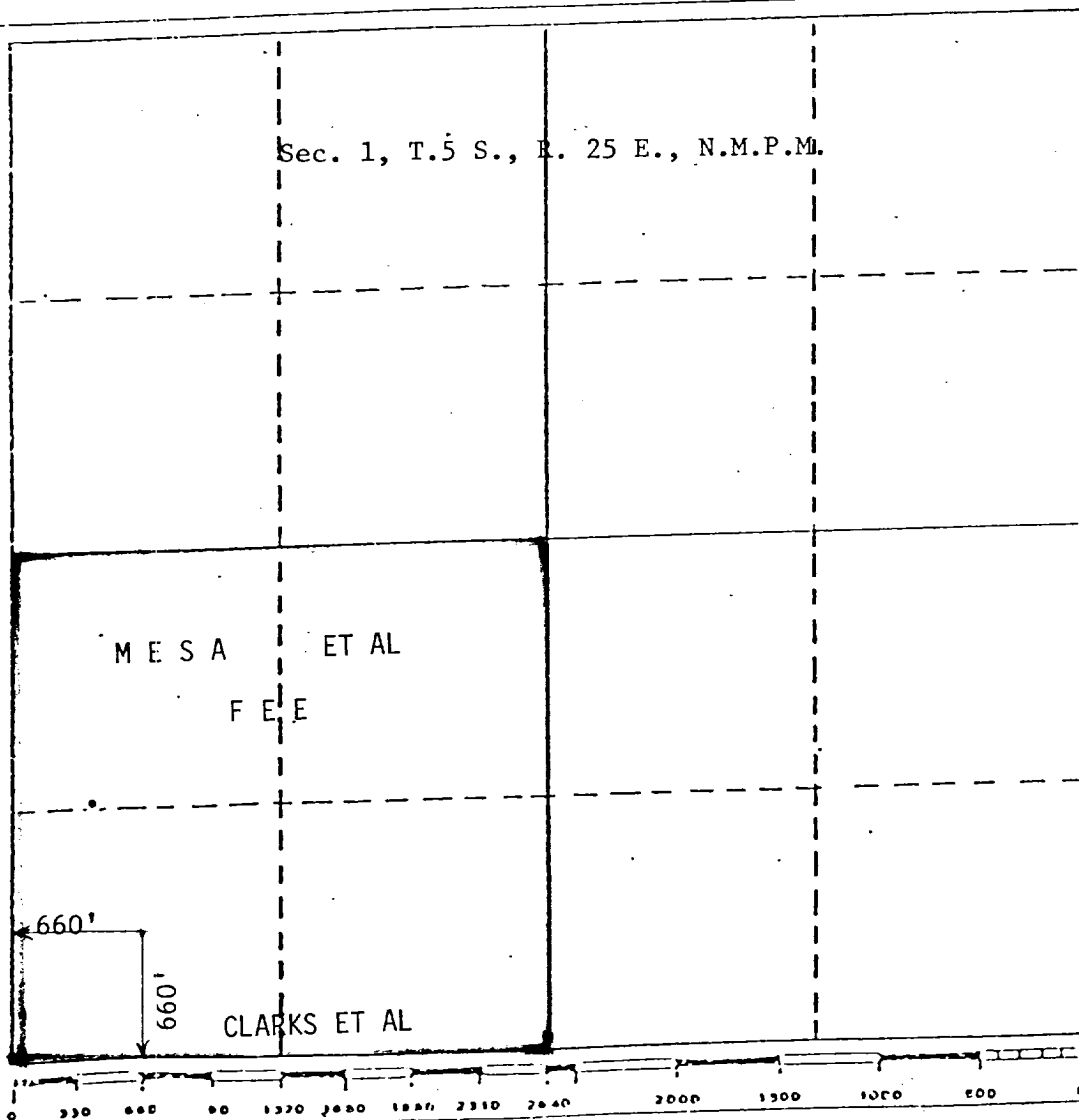
All distances must be from the outer boundaries of the Section.

Operator Mesa Petroleum Co. Agent for Yates Petr Corp - Unit Oper			Lease Willow Creek Unit		Well No. 8
Unit Letter M	Section 1	Township 5 South	Range 25 East	County Chaves	
Actual Postage Location of Well: 660 feet from the South line and 660 feet from the west line					
Ground Level Elev. 3675	Producing Formation ABO	Pool UNDESIGNATED		Dedicated Acreage: SW/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 _____

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

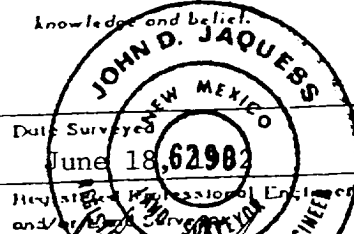
Name
R. E. MATHIS

Position
REGULATORY COORDINATOR

Company
MESA PETROLEUM CO.

Date
JUNE 22, 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
June 18, 1982

Registered Professional Engineer and/or Surveyor
JOHN D. JAQUESS

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

Certificate No.
6290