

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION **RECEIVED**

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

OCT 4 1982

O. C. D.

ARTESIA OFFICE

Form C-101
Revised 10-1-78

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SANTA FE	<input checked="" type="checkbox"/>
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U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

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 Jeffers	
2. Name of Operator Mesa Petroleum Co. ✓		9. Well No. 1	
3. Address of Operator P.O. Box 2009 / Amarillo, Texas 79189		10. Field and Pool, or Wildcat Undesignated ABO	
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>2</u> TWP. <u>10S</u> RGE. <u>24E</u> NMPM		12. County Chaves	
19. Proposed Depth <u>4100'</u>		19A. Formation ABO	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3553' GR	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Tom Brown Drilling	
22. Approx. Date Work will start October 10, 1982			

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#	4100'	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 sized drilled to TD.

Operator's gas sales are dedicated.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4-2-83
UNLESS DRILLING UNDERWAY

XC: NMOC-D-A (O+5), TLS, CEN RCDS, ACCTG, MIDLAND, ROSWELL, REM, (FILE) PARTNERS ()

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. Mark Title Regulatory Coordinator Date 9-30-82

(This space for State Use)

APPROVED BY Mark Wilkins TITLE OIL AND GAS INSPECTOR DATE OCT 7 1982

CONDITIONS OF APPROVAL, IF ANY:

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

10-3-82 casing

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
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All distances must be from the outer boundaries of the Section.

Operator Mesa Petroleum Co.			Lease Jeffers		Well No. #1
Unit Letter P	Section 2	Township 10 South	Range 24 East	County Chaves	
Actual Postage Location of Well: 660 feet from the South line and 660 feet from the East line					
Ground Level Elev. 3553	Producing Formation ABO		Pool Undesignated		Dedicated Acreage: SE$\frac{1}{4}$ 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.

Sec. 2, T.10 S., R.24 E., N.M.P.M.

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

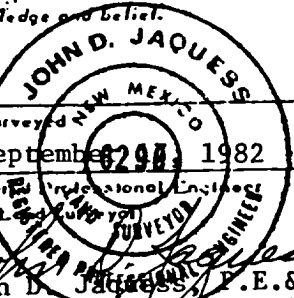
Company

Mesa Petroleum Co.

Date

9-30-82

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 **September 29, 1982**

Registered Professional Engineer and/or Land Surveyor
John D. Jaquess
John D. Jaquess, P.E. & L.S.

Certificate No.

6290

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600