

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

RECEIVED

NOV 12 1982

O. C. D.  
ARTESIA, OFFICEForm C-101  
Revised 10-1-78

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SANTA FE	<input checked="" type="checkbox"/>
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LAND OFFICE	<input type="checkbox"/>
OPERATOR	<input type="checkbox"/>

## 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"/>		5a. Indicate Type of Lease STATE <input type="checkbox"/> FEDERAL <input checked="" type="checkbox"/>
1b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5b. State Oil & Gas Lease No.
2. Name of Operator Mesa Petroleum Co. ✓		7. Unit Agreement Name
3. Address of Operator P.O. Box 2009 Amarillo, Texas 79189		8. Term or Lease Name Bean Com.
4. Location of Well THIS LETTER M LOCATED 660 FEET FROM THE South LINE		9. Well No. #1
AND 660 FEET FROM THE West LINE OF SEC. 20 TWP. 7S. RGE. 26E. WHEN		10. Field, or part of, of which UNDESIGNATED ABO
11. County Chaves		
12. Proposed Depth 4200'	13a. Formation ABO	13b. Type of Well ROTARY
14. Kind of Surface Prod. Prod. BLANKET	15. Drilling Contractor Tom Brown	16. Approx. Date Work will start 15 Nov. 82
17. Approx. Depth of Well 3571'		

## 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"	26.4#	1600	700/300	Tie Back
7 7/8"	4 1/2"	10.5#	4200	1000	Cover all pay

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", 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 75 DAYS  
PERMIT EXPIRES 5-17-83  
UNLESS DRILLING UNDERWAY

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 [Signature] Title Regulatory Agent Date 11 Nov. 82

(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE NOV 12 1982

CONDITIONS OF APPROVAL, IF ANY:

time to witness cementing  
the casing

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

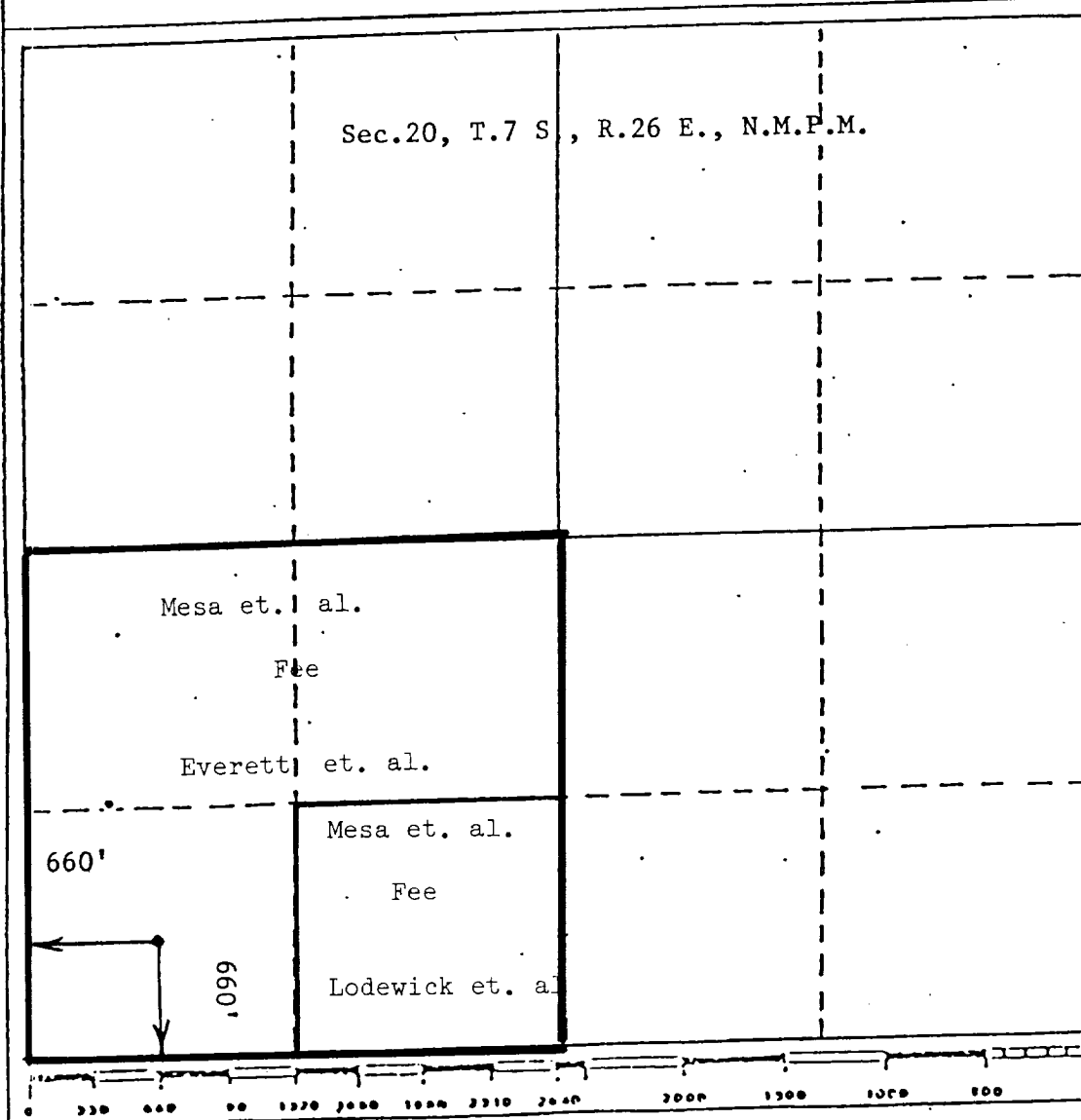
Operator <b>Mesa Petroleum Co.</b>		Lease <b>Bean Com</b>		NOV 12 1982	Well No. <b>#1</b>
Unit Letter <b>M</b>	Section <b>20</b>	Township <b>7 South</b>	Range <b>26 East</b>	County <b>O. C. D.</b>	
Actual Postage Location of Well: <b>660</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3571</b>	Producing Formation <b>ABO</b>	Pool <b>UNDESIGNATED ABO</b>		Dedicated Acreage: <b>SW 1/4 160 Acre</b>	

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.

*Lloyd Reed*  
Name

Lloyd Reed

Position

Regulatory Agent

Company

Mesa Petroleum Co.

Date

11 Nov. 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.

**JOHN D. JAQUESS**  
NEW MEXICO  
Date Surveyed  
November 11, 1982  
Registered Professional Engineer  
and/or Land Surveyor  
John D. Jaquess, P.E. & L.  
Certificate No. 6290