

NM OIL CONS. COMMISSION
Artesian UNIT 88210
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN ☐ ILLUSTRATE*
(Other instructions on
reverse side)Form approved,
Budget Bureau No. 42-R1425.

30-005-61518

C/SF
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"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-40030	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR MESA PETROLEUM CO. ✓			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493			8. FARM OR LEASE NAME Lodewick Fed Com	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*) At surface 1980' FSL & 1650" FWL At proposed prod. zone same			9. WELL NO. 5	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 43 miles North/Northeast of Roswell, New Mexico			10. FIELD AND POOL, OR WILDCAT Undesignated ABO	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'/990'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 8, T5S, R25E	
16. NO. OF ACRES IN LEASE 680			12. COUNTY OR PARISH Chaves	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2310'			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3868' GR			22. APPROX. DATE WORK WILL START* April 13, 1982	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	900'	SURFACE
11" or 12 1/4"	8 5/8"	24#	1600'	ISOLATE WATER, OIL & GAS
7 7/8"	4 1/2"	10.5#	4300'	COVER ALL PAY

Propose to drill 17 1/2" hole to approximately 900' to set 13 3/8" surface casing and cement to surface. Will reduce hole to 11" or 12 1/4" and drill to approximately 1600' to set 8 5/8" casing. Will nipple up RAM type BOPs, reduce hole to 7 7/8" and drill to total depth. Drilling medium will be air, foam, or mud as required.

Operator's Gas Sales Are Dedicated.

xc: MMS (6), TLS, CEN RCDS, ACCGT, MEC, LAND, PARTNERS, FILE, REM, ROSWELL GAS

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

R. P. Mathis

TITLE

REGULATORY COORDINATOR

DATE

3-10-82

(This space for Federal or State office use)

PERMIT NO. APPROVED (Off. Sgd.) GEORGE H. STEWART APPROVED BY CONDITIONS OF APPROVAL, IF ANY: APR 1 1982 FOR JAMES A. GILLHAM DISTRICT SUPERVISOR	TITLE DATE
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APPROVAL DATE

DATE

*See Instructions On Reverse Side

Posted ED-1
API & NL Book
4-9-82