

UNITED STATES
DEPARTMENT OF THE INTERIORNM OIL & GAS COMMISSION
Division DD
Artesia, NM 88210

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> X DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-36644		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> X 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 DEBBIE FEDERAL		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 990' FNL & 760' FWL NW $\frac{1}{4}$ NW $\frac{1}{4}$ D At proposed prod. zone SAME			9. WELL NO. 2		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 32 miles Northwest 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) 760'/760'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 30, T7S, R23E		
16. NO. OF ACRES IN LEASE 1941.5			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. 3330'			20. ROTARY OR CABLE TOOLS ROTARY		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4185' GR			22. APPROX. DATE WORK WILL START* AUGUST 5, 1982		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	1400'	700/300 SURFACE
7 7/8"	4 1/2"	10.5#	3400'	300 COVER ALL PAY

Propose to drill 12 1/4" hole to approximately 1400' to set 8 5/8" surface casing and cement to surface. Will nipple up ram type BOP's and reduce hole to 7 7/8" to drill to total depth. Drilling medium will be air, foam, or mud as required. After log evaluation, 4 1/2" casing may be run and cemented with sufficient kinds and amounts to isolate and seal off any fresh water, oil or gas zones encountered.

Operator's Gas Sales are dedicated.

Posted and
12/16/83
5-70-83

XC: MMS (7), TLS, CEN RCDS, ACCTG, MEC, LAND, 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. 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 William R. Muntachin DIVISION DRILLING SUPERVISOR 7-6-82
TITLE DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY

JUL 8 1982

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

Operator Mesa Petroleum Co.		Lesse Debbie Federal		Well No. 2
Unit Letter D	Section 30	Township 7 S.	Range 23 E.	County Chaves
Actual Footage Location of Well:				
990	feet from the	North	line and	760 feet from the West line
Ground Level Elev. 4185	Producing Formation ABO		Pool UNDESIGNATED ABO	Dedicated Acreage: NE/4 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

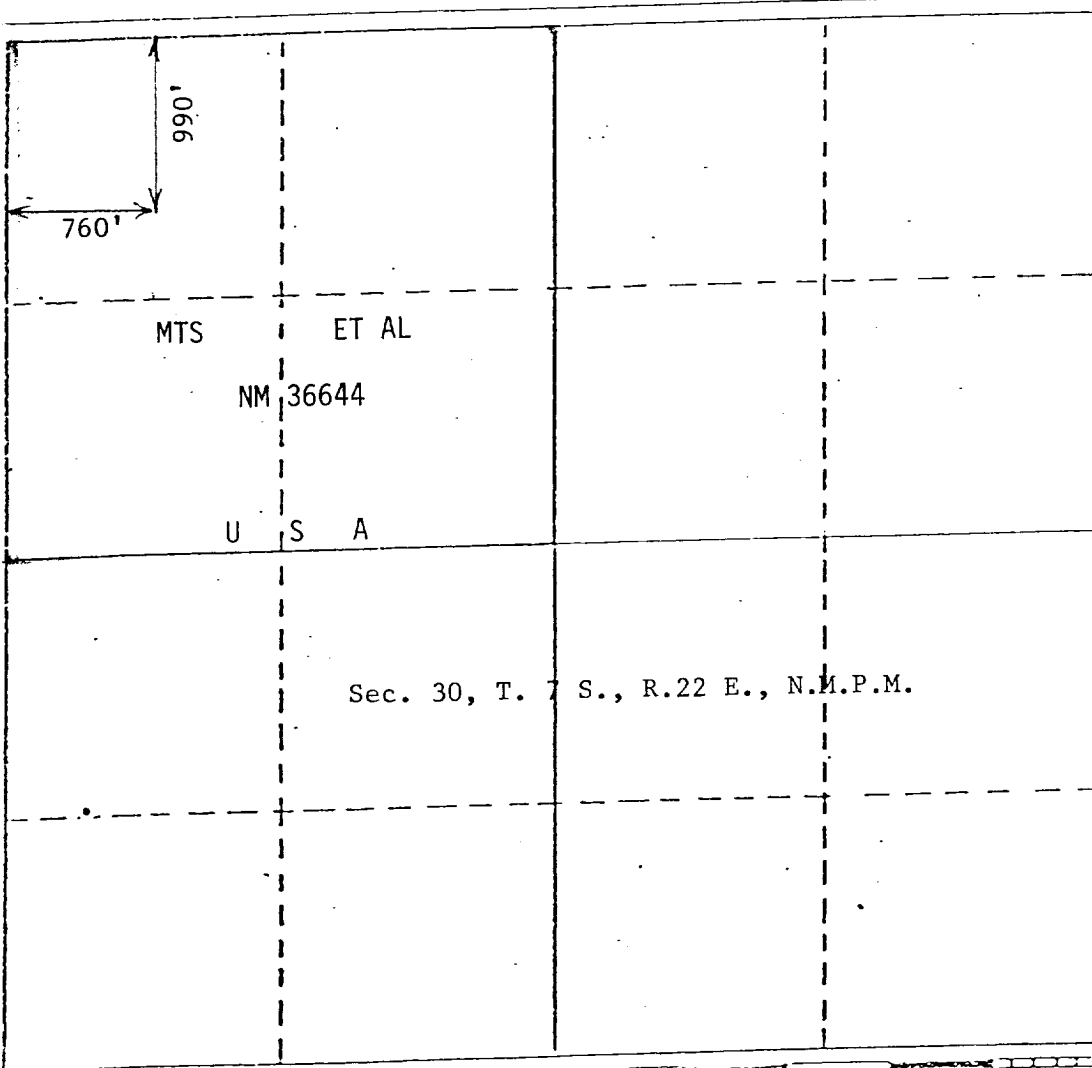
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

W.R. Miertschin

Name

W. R. MIERTSCHIN

Position

DIV. DRILLING SUPERVISOR

Company

MESA PETROLEUM CO.

Date

JULY 6, 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

6-29-82

Registered Professional Engineer and/or Land Surveyor

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

Certificate No. 6290