

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
SUBMIT IN TRIPLICATE **PO X 1980** FORM APPROVED  
(Other instructions on reverse side) **Hobbs, NM 88241**  
NO. 1004-0136  
Expires February 28, 1995

<b>APPLICATION FOR PERMIT TO DRILL OR DEEPEN</b>				5. LEASE DESIGNATION AND SERIAL NO NM052	
1a. TYPE OF WORK Drill <input type="checkbox"/> Deepen <input checked="" type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
b. TYPE OF WELL Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>				7. UNIT AGREEMENT NAME N/A	
2. NAME OF OPERATOR Mallon Oil Company				8. FARM OR LEASE NAME, WELL NO Mallon 34 Federal No. 16	
3. ADDRESS AND TELEPHONE NO. P.O. Box 3256 Carlsbad, NM 88220 (505) 885-4596				9. API WELL NO 30-025-32818	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FSL and 660' FWL (NW SW) Unit L At proposed prod. zone 1980' FSL and 660' FWL (NW SW) Unit L				10. FIELD AND POOL, OR WILDCAT Brushy Canyon/Bone Spring	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE * 35 miles southwest of Hobbs, New Mexico				12. COUNTY OR PARISH Lea County	
15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'				16. NO. OF ACRES IN LEASE 640	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'				17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 3678' GR				19. PROPOSED DEPTH 6300'	
23. PROPOSED CASING AND CEMENTING PROGRAM				20. ROTARY OR CABLE TOOLS Rotary	
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
14-3/4"	9-5/8"	36#	1485'	Cement to surface	
8-3/4"	5-1/2"	15.5# & 17#	10,200'	Cement top 1285'	

Present wellbore open hole from 1485'-8330'. Cement plugs at 7100'-8003' and 5881'-5981'.

Mallon Oil Company proposes to drill out cement plugs and deepen well to 10,200' with 8-3/4" hole for a Bone Springs test, mud 10.0#/gal. brine water, log 10,200'-8330', set 5-1/2" casing cement volume caliper plus 25%.

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

SIGNED: Terry Lindeman TITLE: Production Superintendent DATE: 07/08/97

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY: (ORIG. SGD.) DAVID R. GLASS TITLE: PETROLEUM ENGINEER DATE: JUL 10 1997

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.