Dorm 3160-3 (July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR

(Other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0136 Expires February 28, 1995

1 1998

BUREAU OF LAND MANAGEMENT ASE DESIGNATION AND SERIAL NO. **APPLICATION FOR PERMIT TO DRIL 14643**958 PM 12: 00 1a TYPE OF WORK 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Drill X Deepen JICEBILEOALEER DEUE N. M. b. TYPE OF WELL 7. UNIT AGREEMENT NAME X Oil Well Gas Wel Othe N/A 2. NAME OF OPERATOR 8. FARM OR LEASE NAME, WELL NO. Mallon Oil Company Jicarilla 459-17 No. 11 3. ADDRESS AND TELEPHONE NO P.O. Box 3256 Carlsbad, NM 88220 (505) 885-4596 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) E. Blanco, Pictured Cliffs At surface 1188' FSL and 1603' FEL (SW/ SE) Unit O 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 1188' FSL and 1603' FEL (SW/SE) Unit O At proposed prod. zone Sec. 17, T30N-R03W 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE * 12. COUNTY OR PARISH 13. STATE 52 miles east of Bloomfield, New Mexico Rio Arriba NM 15. DISTANCE FROM PROPOSED * 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED LOCATION TO NEAREST TO THIS WELL PROPERTY OR LEASE LINE, FT 1603 2560 160 (Also to nearest drlg. unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION* 20. ROTARY OR CABLE TOOLS 19. PROPOSED DEPTH TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4500' Rotary 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 7291' GL July 4, 1998 22. APPROX.DATE WORK WILL START PROPOSED CASING AND CEMENTING PROGRAM 23 SIZE OF HOLE GRADE, SIZE OF CASING WEIGHT PER FOOT QUANTITY OF CEMENT SETTING DEPTH 12-1/4" 8-5/8' 24# 500 Circ. to surface 7-7/8" 5-1/2" 15.5# 4500 570 sks Mallon Oil Company proposes to drill to a depth sufficient to test the Pictured Cliffs formation. If productive, 5-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments: **Drilling Program** Exhibit 1: Blow Out Preventor Equipment/Plan Exhibit D: **Drilling Site Layout** Location and Elevation Plat Exhibit A: Exhibit E: **Production Facilities** Exhibit B: Existing Roads/Planned Access Roads Exhibit F H2S Contingency Plan Exhibit C: One Mile Radius Map Exhibit G: Environmental Assessment 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 24 SIGNED: Operations Superintendent DATE May 29, 1998 Terry Lindeman (This space for Federal or State office use)

*See Instructions On Reverse Side

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

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.



PERMIT NO.

operations thereon

CONDITIONS OF APPROVAL, IF ANY:

(Original Signed) HECTOR A. VILLALOBOS

DRILLING PROGRAM

Attached to Form 3160-3
Mallon Oil Company
Jicarilla 459 -17 No. 11
1188' FSL and 1603' FEL (SW/SE) Unit O
Sec. 17, T30N-R03W
Rio Arriba County, New Mexico

Lease Number: JIC459

1. Geologic name of surface formation: San Jose

2. Estimated tops of important geologic markers:

San Jose	Surface
Ojo Alamo	3230'
Kirtland	3458'
Fruitland	3478'
Pictured Cliffs	3768'
Lower P.C.	4017'
Total Depth	4500'

3. Estimated depths of anticipated fresh water, oil or gas:

San Jose	50'	Fresh Water
Ojo Alamo	3230'	Gas
Fruitland	3478'	Gas
Pictured Cliffs	3768'	Gas

No other formations are expected to give up oil, gas, or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 8-5/8" casing at 500' and circulating cement back to surface.

STRICT I .O. Box 1980, Hobbs, N.M. 88241-1960

State of New Mexico Energy, Minerals & Natural Resources Department

Of New Mexico

Natural Resources Department

Revised Febuary 21, 1994

Instructions on back

Submit to Appropriate District Office

ISTRICT II .O. Drawer DD, Artesia, N.M. 88211-0719

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

State Lease - 4 Copies Fee Lease - 3 Copies

ISTRICT IV O Box 2088, Santa Fe, NM 87504-2088

000 Rio Brazos Rd., Aztec, N.M. 87410

ISTRICT III

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code E. BLANCO DC Property Name Well Number Jicarilla 459-17 #11 Operator Name • Elevation Mallon Oil Co. 7291' 10 Surface Location UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line 30 N1188 South 1603 East Arriba 11 Bottom Hole Location If Different From Surface UL or lot no. Section Township Lot Idn Feet from the North/South line | Feet from the East/West line County Dedicated Acres 18 Joint or Infill "Consolidation Code "Order No. NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 16 17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief erry bindeman Printed Name Operations Superintendent June 4, 1998 1917 B.C. 18 SURVEYOR CERTIFICATION 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 belief. Date of Sur <u> 1603'</u> EXHIBIT A ø ∞ POFESSIONN Cartificate Number

1917 B.C.

Set Stone



