

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN TRIPLICATE
(Other instructions on
reverse side)FORM APPROVED
OMB NO. 1004-0136
Expires February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN				5. LEASE DESIGNATION AND SERIAL NO. Jc 458
1a. TYPE OF WORK Drill <input checked="" type="checkbox"/> Deepen <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
b. TYPE OF WELL Oil Well <input type="checkbox"/> Gas Well <input checked="" 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 013925				8. FARM OR LEASE NAME, WELL NO. Jicarilla 458-6 No. 4 32859
3. ADDRESS AND TELEPHONE NO. P.O. Box 3256 Carlsbad, NM 88220 (505) 885-4596				9. API WELL NO. 30-039-25950
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1700' FNL and 1060' FWL (SE/NW) Unit F At proposed prod. zone 1700' FNL and 1060' FWL (SE/NW) Unit F				10. FIELD AND POOL, OR WILDCAT E. Blanco, Pictured Cliffs EXT 72400 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T30N-R3W
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 55 miles east of Bloomfield, New Mexico				12. COUNTY OR PARISH Rio Arriba
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 1060' (Also to nearest drlg. unit line, if any)				13. STATE NM
16. NO. OF ACRES 2560				17. NO. OF ACRES ASSIGNED TO THIS WELL 168 168.42
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1200'				19. PROPOSED DEPTH 4500'
20. ROTARY OR CABLE TOOLS Rotary				21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 6992'
22. APPROX. DATE WORK WILL START 08/17/98				23. PROPOSED CASING AND CEMENTING PROGRAM
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	500'	Circulate 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 A: Location and Elevation Plat
Exhibit B: Roads and Pipelines
Exhibit C: One Mile Radius Map

Exhibit D: Drilling Site Layout
Exhibit E: Production Facilities
Exhibit F: H2S Contingency Plan
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: Terry Lindeman TITLE: Operations SuperintendentDATE: 07/27/98

(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: (Original Signed) HECTOR A. VILLALOBOS TITLE: Asst Field Mgr DATE: AUG 21 1998

*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.

R-8774 (NSP)
Hold C-104 FOR NSB Q

DRILLING PROGRAM

Attached to Form 3160-3
Mallon Oil Company
Jicarilla 458-6 No. 4
1700' FNL & 1060' FWL (SE/NW) Unit F
Sec. 6, T30N-R3W
Rio Arriba County, New Mexico

Lease Number: JIC458

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.

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-25950		2 Pool Code 22400		3 Pool Name E BLANCO PC EXT	
4 Property Code 22859		5 Property Name JICARILLA 458-6			6 Well Number 4
7 OGRID No. 013925		8 Operator Name MALLON OIL COMPANY			9 Elevation 6992'

10 Surface Location

UL or lot no. F	Section 6	Township 30-N	Range 3-W	Lot Idn	Feet from the 1700	North/South line NORTH	Feet from the 1060	East/West line WEST	County RIO ARRIBA
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 112/6842	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

	<p>U.S.G.L.O. B.C.</p> <p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature Terry Lindeman</p> <p>Printed Name Operations Superintendent</p> <p>Title July 27, 1998</p> <p>Date</p>
	<p>U.S.G.L.O. B.C.</p> <p>18 SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p>Date of Survey 6-15-98</p> <p>Signature and seal of Professional Surveyor 8894</p> <p>Certificate Number</p>

MALLON OIL COMPANY

JICARILLA 458-6 No.4

NW/4 SECTION 6, T-30-N, R-3-W, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

1700' FNL

1060' FWL

