

CONFIDENTIAL

Form 3160-3
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

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

09 JUL 27 APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK: ☒ **Drill** ☐ **Deepen**

b. TYPE OF WELL: ☐ **Oil Well** ☒ **Gas Well** ☐ **Other** ☐ **Single Zone** ☐ **Multiple Zone**

2. NAME OF OPERATOR: **Mallon Oil Company**

3. ADDRESS AND TELEPHONE NO.: **P.O. Box 2797 Durango, CO 81302 (970) 382-9100**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.):
At surface: **793' FNL and 886' FWL (NW/NW) Unit D**
At proposed prod. zone: **793' FNL and 886' FWL (NW/NW) Unit D**

5. LEASE DESIGNATION AND SERIAL NO.: **JIC 452**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: **Jicarilla Apache**

7. UNIT AGREEMENT NAME: **N/A**

8. FARM OR LEASE NAME, WELL NO.: **Jicarilla 452SJ No. 4**

9. API WELL NO.: **30-039-26235**

10. FIELD AND POOL, OR WILDCAT: **Cabresto Canyon, San Jose ext.**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: **Sec. 5, T29N-R03W**

12. COUNTY OR PARISH: **Rio Arriba**

13. STATE: **NM**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: **51 miles east of Bloomfield, New Mexico**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): **793'**

16. NO. OF ACRES IN LEASE: **2,320**

17. NO. OF ACRES ASSIGNED TO THIS WELL: **171 150.99**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: **100'**

19. PROPOSED DEPTH: **1800'**

20. ROTARY OR CABLE TOOLS: **Rotary**

21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.): **7077' GR**

22. APPROX. DATE WORK WILL START: **09/01/99**

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"	4-1/2"	14.7#	1800'	300 sks 50/50 Poz w/additive

Mallon Oil Co. proposes to drill this well to an approximate TD of 1800' in the San Jose formation. This well is placed on an existing well pad. Some additional pad extension may be required. The Jicarilla oil and Gas Administration has waived any necessity of re-onsiting the well pad as long as any required archaeology survey is submitted. Environmental assessment was previously submitted under the initial well APD. If productive, 4-1/2" 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: Archaeology Report

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: *Jerry Lindeman* TITLE: Operations Superintendent DATE: 07/26/99

(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: *5/Joan R. Resnick* TITLE: *Asst Field Mgr* DATE: *10/30/99*

*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.

CONFIDENTIAL

DISTRICT I
P.O. Box 1980, Hobbs, N.M. 88241-1980

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

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

DISTRICT IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102
Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26235		*Pool Code 96822		*Pool Name Cabresto Canyon; San Jose ext.	
*Property Code 25035		*Property Name JICARILLA 452 SJ			*Well Number 4
*OGRID No. 13925		*Operator Name MALLON OIL COMPANY			*Elevation 7077'

¹⁰ Surface Location

UL or lot no. D	Section 5	Township 29-N	Range 3-W	Lot Idn	Feet from the 793	North/South line NORTH	Feet from the 886	East/West line WEST	County RIO ARriba
--------------------	--------------	------------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	----------------------

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
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

*Dedicated Acres 150.98	*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

N 89-41-07 E 5288.8'

<p>18 SET PIN & CAP LS 8894</p> <p>363.66'</p> <p>793'</p> <p>886'</p> <p>EXISTING WELL</p> <p>FD. MARKED STONE SET PIN & CAP LS 8894</p> <p>FD. U.S.G.L.O. BRASS CAP 1917</p> <p>RECEIVED OCT 25 1999 OIL CON. DIV. DIST. 3</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 _____</p> <p>Terry Lindeman</p> <p>Printed Name</p> <p>Operations Superintendent</p> <p>Title</p> <p>July 26, 1999</p> <p>Date</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>7-9-99</p> <p>Date of Survey</p> <p>Signature _____</p> <p>Seal of Professional Surveyor</p> <p>8894</p> <p>ROY A. RUSH NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR</p> <p>8894</p> <p>Certificate Number</p>	

