

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK Drill <input checked="" type="checkbox"/> Deepen <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla 457
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"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
2. NAME OF OPERATOR Mallon Oil Company 13925		7. UNIT AGREEMENT NAME N/A
3. ADDRESS AND TELEPHONE NO. P.O. Box 3256 Carlsbad, NM 88220 (505) 885-4596		8. FARM OR LEASE NAME, WELL NO. Jicarilla 457-4 No.2 22865
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1510' FSL and 2400' FWL (NE SW) Unit K		9. API WELL NO. 30-039-25780
At proposed prod. zone 1510' FSL and 2400' FWL (NE SW) Unit K		10. FIELD AND POOL OR WILDCAT 30N3W4K; E. Blanco, Mancos 96788
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE * 50 miles east of Bloomfield, New Mexico		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA K Sec. 4, T30N-R3W
15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 2400'	16. NO. OF ACRES IN LEASE 2532.97	12. COUNTY OR PARISH Rio Arriba
18. DISTANCE FROM PROPOSED LOCATION * TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5780'	19. PROPOSED DEPTH 6500'	13. STATE NM
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 7104 7478.6	22. APPROX. DATE WORK WILL START February 28, 1998	

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'	Circ. to surface
7 7/8"	5 1/2"	15.5#	6500'	914 sks Surface

Mallon Oil Company proposes to drill to a depth sufficient to test the Mancos 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
Exhibit H: Archaeological Clearance

RECEIVED
FEB 23 1998
OIL CON. DIV.
DIST. 3

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: Production Superintendent DATE: 01/12/98

(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 Joe Incardine TITLE: Lands and Mineral Resources DATE: FEB 1 8 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.

HOLD C-104 FOR 1152

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Exhibit A

Form C-102

Revised February 21, 1994

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

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

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

OIL CONSERVATION DIVISION

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number <u>30-039-25780</u>	² Pool Code <u>96788</u>	³ Pool Name <u>WILDCAT 30N30W4KMANCOS (G)</u> Mancos 6500' T.D.
⁴ Property Code <u>22865</u>	⁵ Property Name JICARILLA 457-4	⁶ Well Number 2
⁷ OGRID No. <u>13925</u>	⁸ Operator Name MALLON OIL CO.	⁹ Elevation 7104'

¹⁰ Surface Location

UL or lot no. K	Section 4	Township 30-N	Range 3-W	Lot Idn	Feet from the 1510	North/South line SOUTH	Feet from the 2400	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 <u>160</u>	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

<div><p>16</p><p>(RECORD)</p><p>2400'</p><p>1510'</p><p>N 0-08 W 2633.3' (RECORD)</p><p>S 89-38 W 2627.7' (MEAS.)</p><p>BLM B.C. 1917</p><p>SET STONE</p></div>	<div><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><u>Terry Lindeman</u> Signature Terry Lindeman Printed Name Production Superintendent Title <u>1-12-98</u> 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><u>12-4-98</u> Date of Survey Signature and Seal of Professional Surveyor 8894 Certificate Number</p><p>ROY A. RUSH NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 8894</p></div>
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Exhibit A

MALLON OIL COMPANY
PROPOSED WELL LOCATION & ACCESS ROAD
JICARILLA 457-4 No. 2
SW/4 SEC. 4, T-30-N, R-3-W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO
1510' FSL, 2400' FWL

PRESERVE

Bancos Lake

PROPOSED ACCESS ROAD

BM
7108

MALLON OIL COMPANY
(PROPOSED) WELL LOCATION & Pipeline Access
JICARILLA 457-4 No. 2
S. 4, T-30 N, R-3 W, N.M.P.M.
SANDOZ COUNTY, NEW MEXICO
1510' EBL 1510' EBL

PROPOSED WELL LOCATION

San Juan Lake

Proposed Pipeline Access

EM 13

7200