

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 460	
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 460-16 No. 4 2283	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 840' FSL and 1180' FWL (SW SW) Unit M		9. API WELL NO. 30-039-25785	
At proposed prod. zone 840' FSL and 1180' FWL (SW SW) Unit M		10. FIELD AND POOL, OR WILDCAT E. Blanco, Pictured Cliffs 72400	
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 M Sec. 16, T30N-R3W	
15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1180'		12. COUNTY OR PARISH Rio Arriba	
16. NO. OF ACRES IN LEASE 1999.99'		13. STATE NM	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2400'	
19. PROPOSED DEPTH 4500'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (SHOW WHETHER OF, RT, GR, Etc.) 7251 7421		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
12-1/4"	8-5/8"	24#	500'
7-8/8"	5-1/2"	15.5#	4500'
QUANTITY OF CEMENT Circ. to surface 570 sks Surface			

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  
Exhibit H: Archaeological Clearance

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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.

SIGNEE: 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 18 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.

*Handwritten signature/initials*

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NOV 10 1900

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

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

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

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

<sup>1</sup> A.P. Number 30-039-25785	<sup>2</sup> Pool Code 72400	<sup>3</sup> Pool Name EIBLANCO PICTURED CLIFFS 4500' T.D.
<sup>4</sup> Property Code 22183	<sup>5</sup> Property Name JICARILLA 460-16	<sup>6</sup> Well Number 4
<sup>7</sup> GRID No. 13925	<sup>8</sup> Operator Name MALLON OIL CO.	<sup>9</sup> Elevation 7251'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
NA	16	30-N	3-W		840	SOUTH	1180	WEST	RIO ARRIBA

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
160			

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

<sup>16</sup> U.S.G.L.O. B.C. 1917 2639.50' MEASURED N 00° 02' 016" W U.S.G.L.O. B.C. 1917 2640' RECORD N 00° 02' 016" W 1180' 840' N 89° 58' 00" E (RECORD)				<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Terry Lindeman Printed Name Production Superintendent Title 1-12-98 Date
				<sup>18</sup> SURVEYOR CERTIFICATION 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.  Date of Survey 12-27-98 Signature and Seal of Professional Surveyor A. RUSH NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 8894 Certificate Number 8894

Exhibit A

MALLON OIL COMPANY  
PROPOSED WELL LOCATION & ACCESS ROAD  
JICARILLA 460-16 NO. 4  
SW/4 SEC. 16, T-30-N, R-3-W, N.M.P.M.,  
RIO ARRIBA COUNTY, NEW MEXICO  
840 FSL, 1180 FWL

Exhibit B

