

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE  
(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 458	
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 458-6 No. 3 22859	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1790' FNL and 1700' FEL (SW NE) Unit G At proposed prod. zone 1790' FNL and 1700' FEL (SW NE) Unit G		9. API WELL NO 30-039-25782 72400	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 50 miles east of Bloomfield, New Mexico		10. FIELD AND POOL OR WILDCAT E. Blanco, Pictured Cliffs EXT	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 2700'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T30N-R3W	
16. NO. OF ACRES IN LEASE 2249'		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160 158.57		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4000'		19. PROPOSED DEPTH 4500'	
20. ROTARY OR CABLE TOOLS Rotary		21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 7077 7124	
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

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.

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 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.

RECEIVED  
JAN 10 1907  
U.S. DEPT. OF AGRICULTURE  
WASHINGTON, D.C.

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

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

API Number 30-039-25782		Pool Code 7240P		Pool Name E BLANCO PICTURED CLIFFS EXT 4500'	
Property Code 22859		Property Name JICARILLA 458-6			Well Number 3
GRID No. 13925		Operator Name MALLON OIL CO.			Elevation 7077'

<sup>10</sup> Surface Location

UL or lot no. G	Section 6	Township 30--N	Range 3--W	Lot Idn	Feet from the 1790	North/South line SOUTH	Feet from the 1700	East/West line EAST	County RIO ARRIBA
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<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
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Dedicated Acres 158.57	Joint or Infill	Consolidation Code	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

16	2 39.47 1790'	S 89°49'00" W 2640' (RECORD)	1 38.74 1790'	17 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	
	5 40.09 1700'	FD. U.S.G.L.O. BRASS CAP 1917	6 40.09 1700'	18 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 12-30-1997	
				Signature and Seal of Registered Professional Land Surveyor ROY A. RUSH NEW MEXICO 8894 REGISTERED PROFESSIONAL LAND SURVEYOR	
		FD. U.S.G.L.O. BRASS CAP 1917		Certificate Number	

Exhibit A