

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. JIC458	
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		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 458-8 No. 9	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1450' FSL and 1450' FWL (NE SW) Unit K		9. API WELL NO. 30-039-25758	
At proposed prod. zone 1450' FSL and 1450' FWL (NE SW) Unit K		10. FIELD AND POOL, OR WILDCAT E. Blanco, Pictured Cliffs	
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 Sec. 8, T30N-R03W	
15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 3830'		12. COUNTY OR PARISH Rio Arriba	
16. NO. OF ACRES IN LEASE 2249.19'		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. 1900'	
19. PROPOSED DEPTH 4500'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 7046.8'		22. APPROX. DATE WORK WILL START October 20, 1997	
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

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: 10/15/97

(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, (Original Signed) HECTOR A. VILLALOBOS

APPROVED BY _____ TITLE _____ DATE _____

*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
DEC 12 1997
OIL CON. DIV.
DEC 12 1997

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., Artesia, 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

¹ API Number 30-039-25758	² Pool Code 72400	³ Pool Name E BLANCO; PC
⁴ Property Code 22182	⁵ Property Name JICARILLA 458-8	⁶ Well Number 9
⁷ GRID No. 13925	⁸ Operator Name MALLON OIL CO.	⁹ Elevation 7046.6' 7047

¹⁰ Surface Location

UL or lot no. K	Section 8	Township 30-N	Range 3-W	Lot Idn.	Feet from the 1450	North/South line SOUTH	Feet from the 1450	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
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

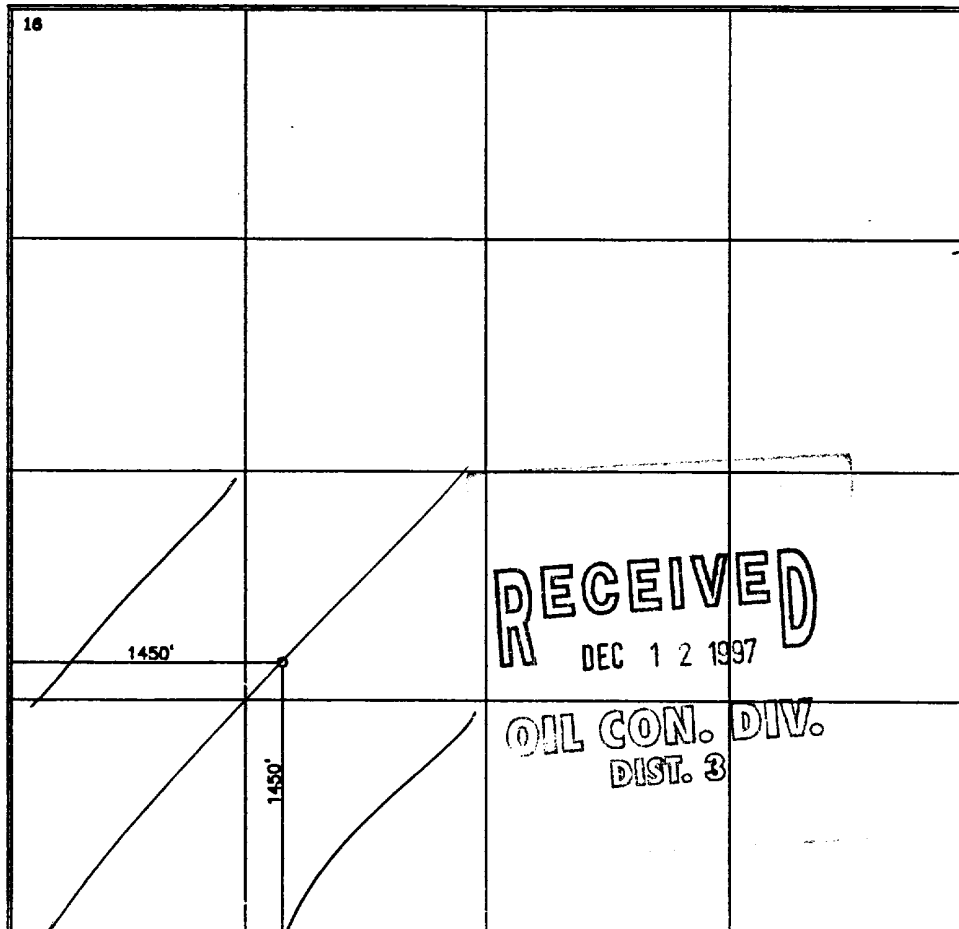
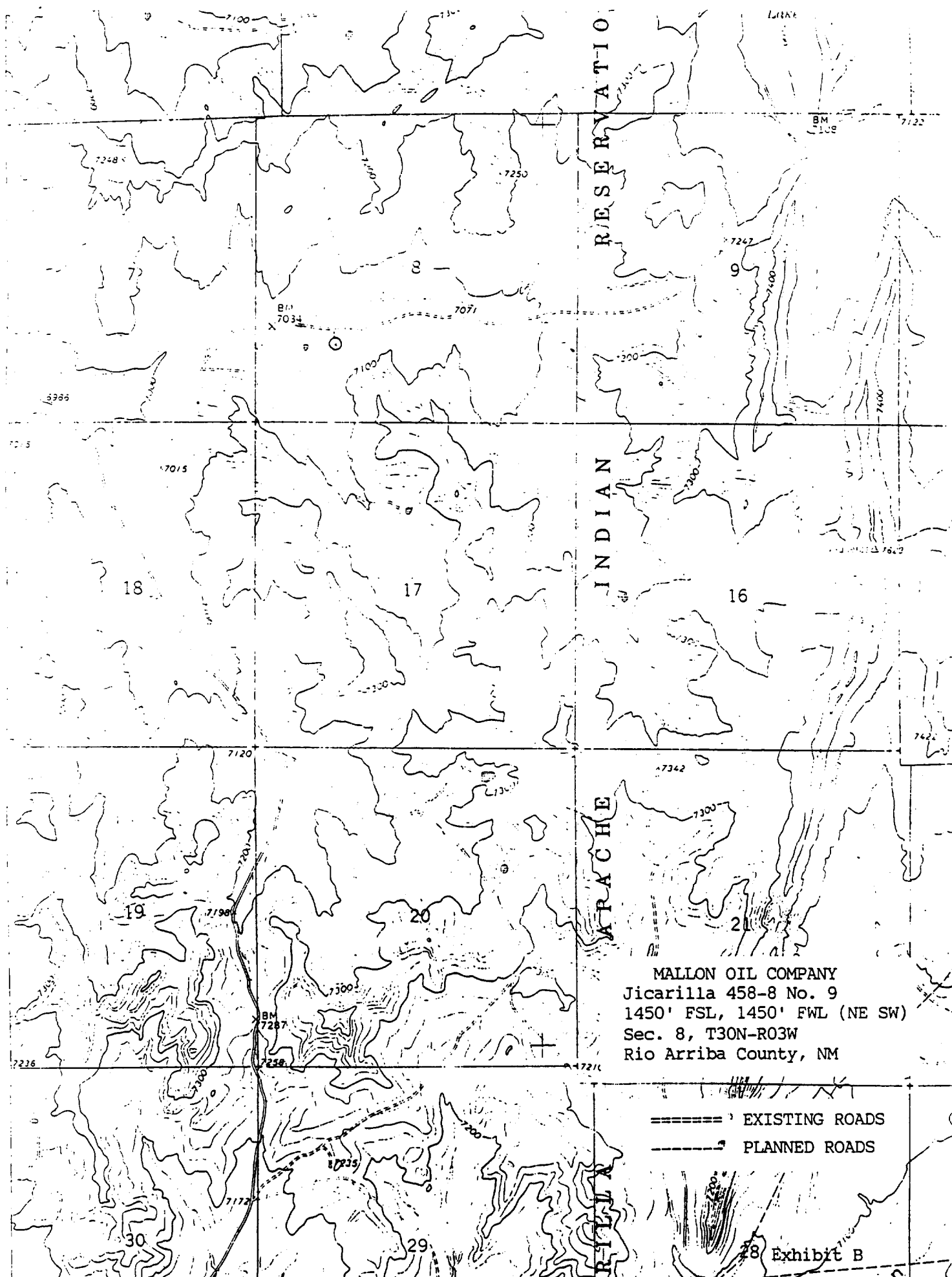
¹⁶ 	RECEIVED DEC 12 1997 OIL CON. DIV. DIST. 3	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Terry Lindeman</u> Printed Name: Terry Lindeman Title: Production Superintendent Date: 10/9/97
		¹⁸ 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: 9-18-97 Signature: <u>[Signature]</u> NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 8894 Certificate Number: 8894

Exhibit A



DISTRICT I
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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-25758	² Pool Code 96538	³ Well Name CABALISTO CANYON Ojo Alamo (G) EXT
⁴ Property Code	⁵ Property Name JICARILLA 458-8	⁶ Well Number 9
⁷ OGRID No.	⁸ Operator Name MALLON OIL CO.	⁹ Elevation 7046.6'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	8	30-N	3-W		1450	SOUTH	1450	WEST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

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				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: <u>9-18-97</u> Signature: <u>[Signature]</u> Registered Professional Land Surveyor New Mexico 8894 Certificate Number: <u>8894</u>

Exhibit A