

# 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

## 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. <b>MDA 701-98-0013</b>	
b. TYPE OF WELL Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Jicarilla Apache</b>	
2. NAME OF OPERATOR <b>Mallon Oil Company</b>		7. UNIT AGREEMENT NAME <b>N/A</b>	
3. ADDRESS AND TELEPHONE NO. <b>P.O. Box 2797 Durango, Colorado 81302 (970) 382-9100</b>		8. FARM OR LEASE NAME, WELL NO. <b>Jicarilla 30-3-27 #2</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface <b>494' FSL and 831' FWL (SW/SW) Unit M</b> At proposed prod. zone <b>494' FSL and 831' FWL (SW/SW) Unit M</b>		9. API WELL NO. <b>30-039-26100</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE * <b>53 miles east of Bloomfield, New Mexico</b>		10. FIELD AND POOL, OR WILDCAT <b>E. Blanco, Pictured Cliffs</b>	
15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. <b>3300'</b>		11. SEC., T., R., M., OR BLK. <b>Sec: 27, T30N-R03W</b>	
16. NO. OF ACRES IN LEASE <b>39,360</b>		12. COUNTY OR PARISH <b>Rio Arriba</b>	
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>160</b>		13. STATE <b>NM</b>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>2475'</b>		19. PROPOSED DEPTH <b>4500'</b>	
20. ROTARY OR CABLE TOOLS <b>Rotary</b>		21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) <b>7089' GR</b>	
22. APPROX. DATE WORK WILL START <b>12/01/98</b>		23. PROPOSED CASING AND CEMENTING PROGRAM	
SIZE OF HOLE <b>12-1/4"</b>	GRADE, SIZE OF CASING <b>8-5/8"</b>	WEIGHT PER FOOT <b>24#</b>	SETTING DEPTH <b>500'</b>
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>15.5#</b>	<b>4500'</b>
QUANTITY OF CEMENT <b>Circulate to surface</b>		<b>570 sks</b>	

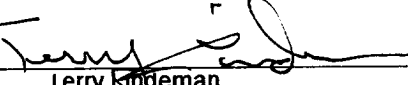
Mallon Oil Company proposes to drill to a depth sufficient to test the Pictured Cliffs formation. If productive, 5-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas 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:  TITLE: Operations Superintendent DATE: 11/20/98

(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: (Original Signed) HECTOR A. VILLALOBOS TITLE: Asst Field Mgr DATE: FEB 2

\*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 C104 FOR NSC

# CONFIDENTIAL

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

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

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

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, NM 87504-2088

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 30-039-26100		2 Pool Code 72400		3 Pool Name E B L... NC	
4 Property Code 24237		5 Property Name JICARILLA 30-3-27			6 Well Number 2
7 OGRD No. 013925		8 Operator Name MALLON OIL COMPANY			9 Elevation 7089'

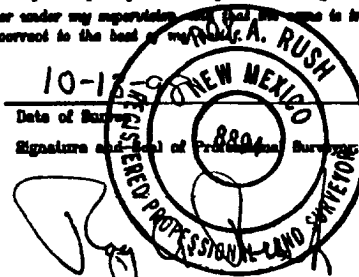
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	30-N	3-W		494	SOUTH	831	WEST	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
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 FD. U.S.G.L.O. BRASS CAP 1917				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Terrance G. Lindeman Printed Name Operations Superintendent Title  Date			
27				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 knowledge and belief  Date of Survey 10-17-88 Signature and Seal of Professional Surveyor  8894 Certificate Number			
				FD. MARKED STONE			

N 00-12-10 W 5266.00'

SET 1/2" REBAR W/ PAST.

N 89-41-55 E 5229.10'

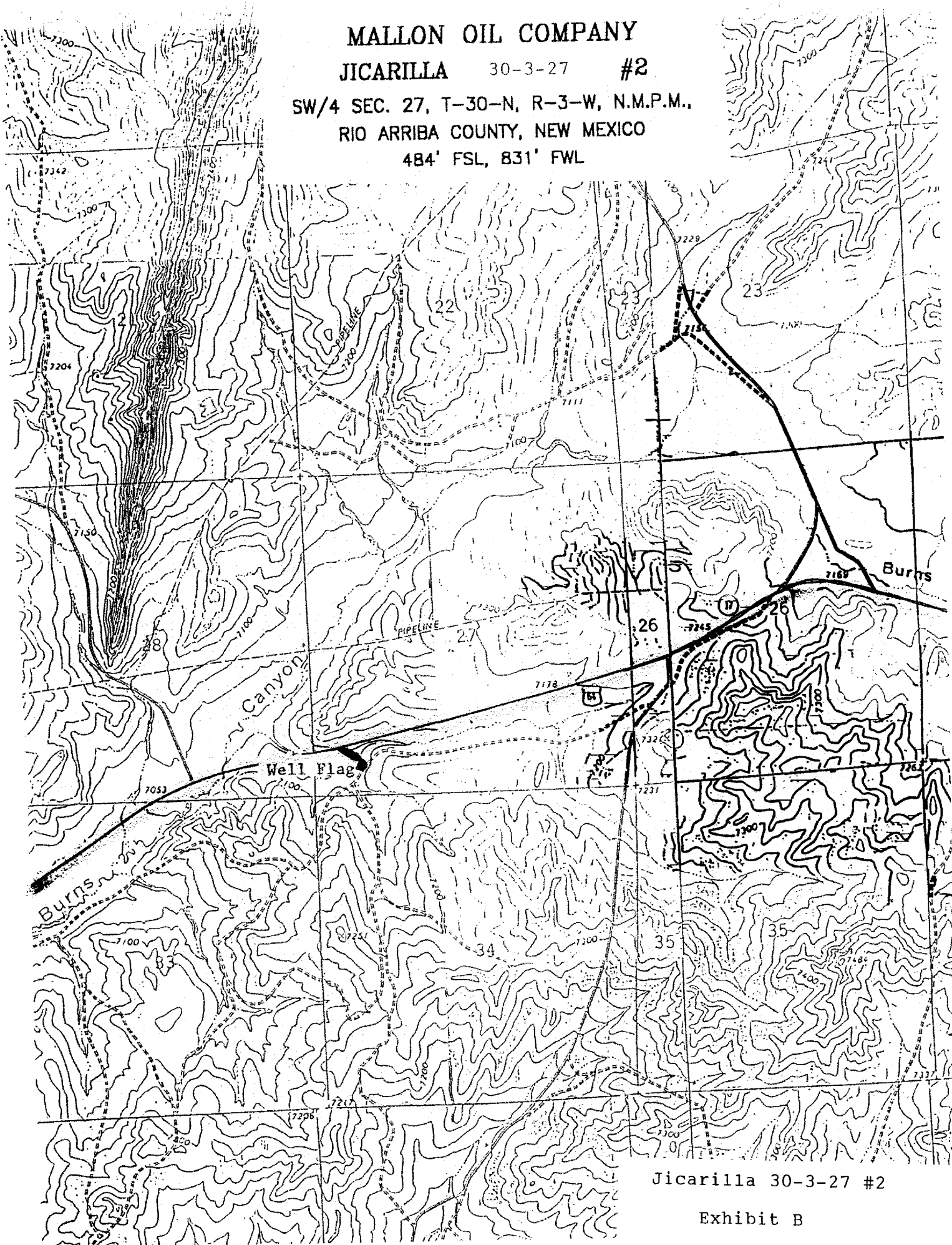
# MALLON OIL COMPANY

JICARILLA 30-3-27 #2

SW/4 SEC. 27, T-30-N, R-3-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

484' FSL, 831' FWL



Jicarilla 30-3-27 #2

Exhibit B