

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	
1b 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 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 457-10 No.8 30-039-25783	
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2400' FSL and 1500' FWL (NE SW) Unit K At proposed prod. zone 2400' FSL and 1500' FWL (NE SW) Unit K		9 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		10 SEC. T, R, M, OR BLK AND SURVEY OR AREA Sec. 10, T30N-R3W	
15 DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 3300'		11 SEC. T, R, M, OR BLK AND SURVEY OR AREA Rio Arriba NM	
16 NO. OF ACRES IN LEASE 2532.97		12 COUNTY OR PARISH 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. 4500'	
19 PROPOSED DEPTH 4500'		20 ROTARY OR CABLE TOOLS Rotary	
21 ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 7197424'		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 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 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.

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DISTRICT I
P.O. Box 1860, Hobbs, N.M. 88241-1860

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number <u>30-034-25783</u>	² Pool Code <u>72400</u>	³ Pool Name <u>E. BLANCO</u> Pictured Cliff <u>4500' T.D.</u>
⁴ Property Code <u>22860</u>	⁵ Property Name JICARILLA 457-10	⁶ Well Number 8
⁷ GRID No. <u>13925</u>	⁸ Operator Name MALLON OIL CO.	⁹ Elevation 7197'

¹⁰ Surface Location

UL or lot no. <u>K</u>	Section 10	Township 30-N	Range 3-W	Lot Idn	Feet from the 2400	North/South line SOUTH	Feet from the 1500	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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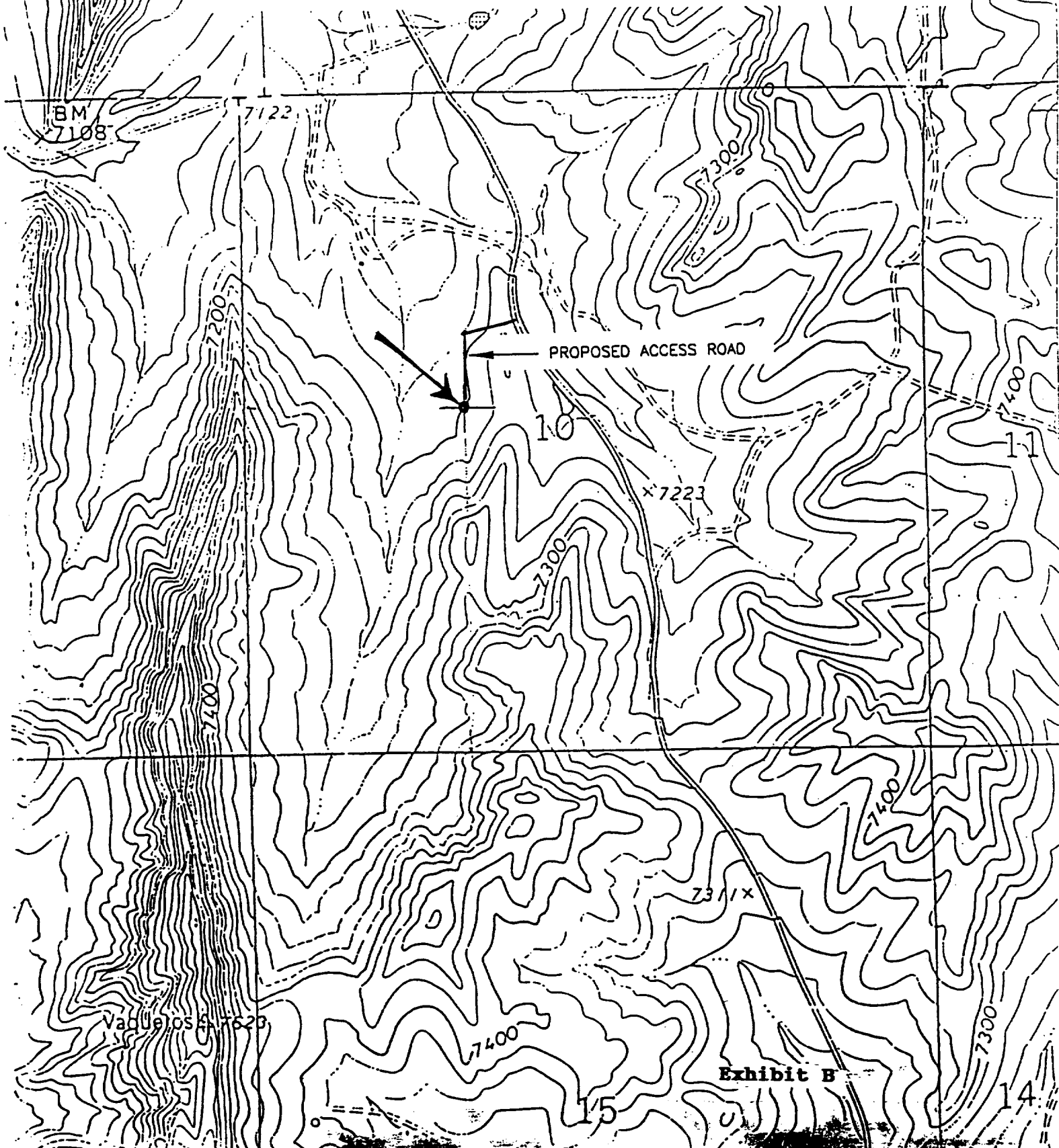
¹² Dedicated Acres <u>160</u>	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 (measured)				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <u>Terry Lindeman</u> Signature <u>Terry Lindeman</u> Printed Name <u>Production Superintendent</u> Title <u>1-12-98</u> Date
1500' 5115' N 00-39-38 W WEST 2640' (record)				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. <u>12-NOV-98</u> Date of Survey <u>NEW MEXICO</u> Signature and Seal of Professional Land Surveyor: <u>8894</u> Certification Number

Exhibit A

MALLON OIL COMPANY
PROPOSED WELL LOCATION & ACCESS ROAD
JICARILLA 457-10 No. 8
SW/4 SEC. 10, T-30-N, R-3-W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO
2400' FSL, 1500' FWL



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-3135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. JIC 457
2. Name of Operator Mallon Oil Company		6. Indian, Alutche or Tribe Name Jicarilla Apache
3. Address and Telephone No. P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596		7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2400' FSL and 1500' FWL (NE SW) Unit K Sec. 10, T30N-R03W		8. Well Name and No. Jicarilla 457-10 No. 8
		9. Well API No. 30-039-25783
		10. Field and Pool, or Exploratory Area East Blanco, Pictured Cliffs*
		11. County or Parish, State Rio Arriba County, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other: Spud	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)

Mallon Oil Company spud the above referenced well on 4/9/98 at 3:00 pm. Drilled 12-1/4" hole, 8-5/8" x 24 lbs/ft surface csg was set at 541.50' and cemented with 300 sxs Class "B" cement. Circulated 90 sxs of cement to pit.

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DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed <u>Christy Serrano</u> Christy Serrano	Title <u>Production Secretary</u>	Date <u>4/27/98</u>
(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)		
Approved By <u>[Signature]</u>	Title <u>Lands and Mineral Resources</u>	Date <u>MAY 7 1998</u>

Conditions of approval, if any