

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APR 2001

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work ☒ DRILL ☐ REENTER

1b. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator  
**Mallon Oil Company**

3a. Address  
PO Box 2797, Durango, CO 81302

3b. Phone No. (include area code)  
970-382-9100

4. Location of Well (Report location clearly and in accordance with any State Requirements. \*)

At surface 1,500' FSL 440' FEL NE 1/4 SE 1/4

At proposed production zone Same

14. Distance in miles and direction from nearest town or post office. \*

57 miles east of Bloomfield, NM

15. Distance from proposed location to nearest property of lease line. ft. (Also nearest Drig. unit line, if any)

Lease =  $\pm 1,183'$

16. No. of acres in lease  
39,360.0

17. Spacing Unit dedicated to this well

~~Statewide~~ 160 SE 1/4

18. Distance from proposed location to nearest well, drilling, completed or applied for, on this lease. ft.

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19. Proposed depth  
4,500'

20. BLM/BIA Bond No. on file

1318288

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
7,536' GR

22. Approximate date work will start \*  
March 8, 2001

23. Estimated duration  
45-60 days drlg + completion

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPC shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature



Name (Printed/Typed)

David F. Banko

Date

February 9, 2001

Title

Agent for Mallon Oil Company

Approved by (Signature)



Name (Printed/Typed)

Date

MAR 28 2001

Title

Asst Field Manager

Office

AUFO

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, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 NSL

CONFIDENTIAL

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, 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  
appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26730	*Pool Code 72400	*Pool Name Blanco- Pictured Cliffs East
*Property Code 25495	*Property Name JICARILLA 29-02-06	*Well Number 2
*OGRID No. 13925	*Operator Name MALLON OIL COMPANY	*Elevation 7536'

## <sup>10</sup> Surface Location

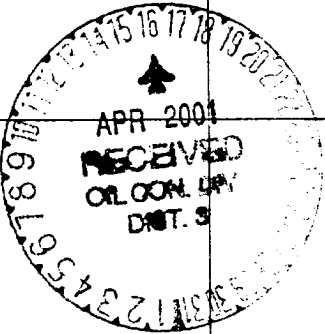
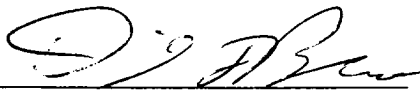
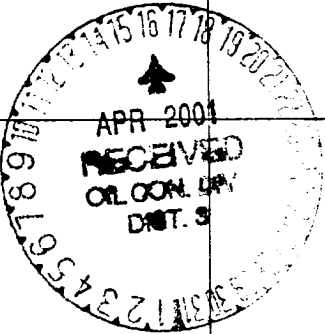
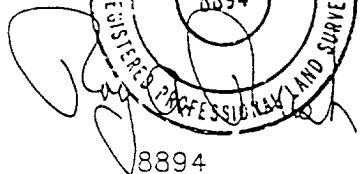
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	6	29-N	2-W		1500'	SOUTH	440'	EAST	RIO ARRIBA

<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
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<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

18	<div style="text-align: center; margin-top: 100px;">  </div>	<div style="text-align: center;">CALC'D CORNER</div>
		<div style="text-align: center;">17</div> <div style="text-align: center; font-weight: bold;">OPERATOR CERTIFICATION</div> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <div style="margin-top: 20px;">  </div> <div style="margin-top: 10px;">       Signature _____        David F. Banko        Printed Name _____        Agent for Mallon Oil Co.        Title _____        April 13, 2001        Date _____     </div>
	<div style="text-align: center; margin-top: 100px;">  </div>	<div style="text-align: center;">18</div> <div style="text-align: center; font-weight: bold;">SURVEYOR CERTIFICATION</div> <p><i>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.</i></p> <div style="margin-top: 20px;">  </div> <div style="margin-top: 10px;">       Date of Survey _____        Signature and Seal of Professional Surveyor _____        8894        Certificate Number _____     </div>
FD. U.S.G.L.O. BC 1917	N 89-52-17 W 5134.4'	<div style="text-align: center;">       LAT. 36°45.03'N        LONG. 107°04.37'W     </div> <div style="margin-top: 100px; text-align: center;">       440'        1500'        FD.        MARKED        STONE     </div>

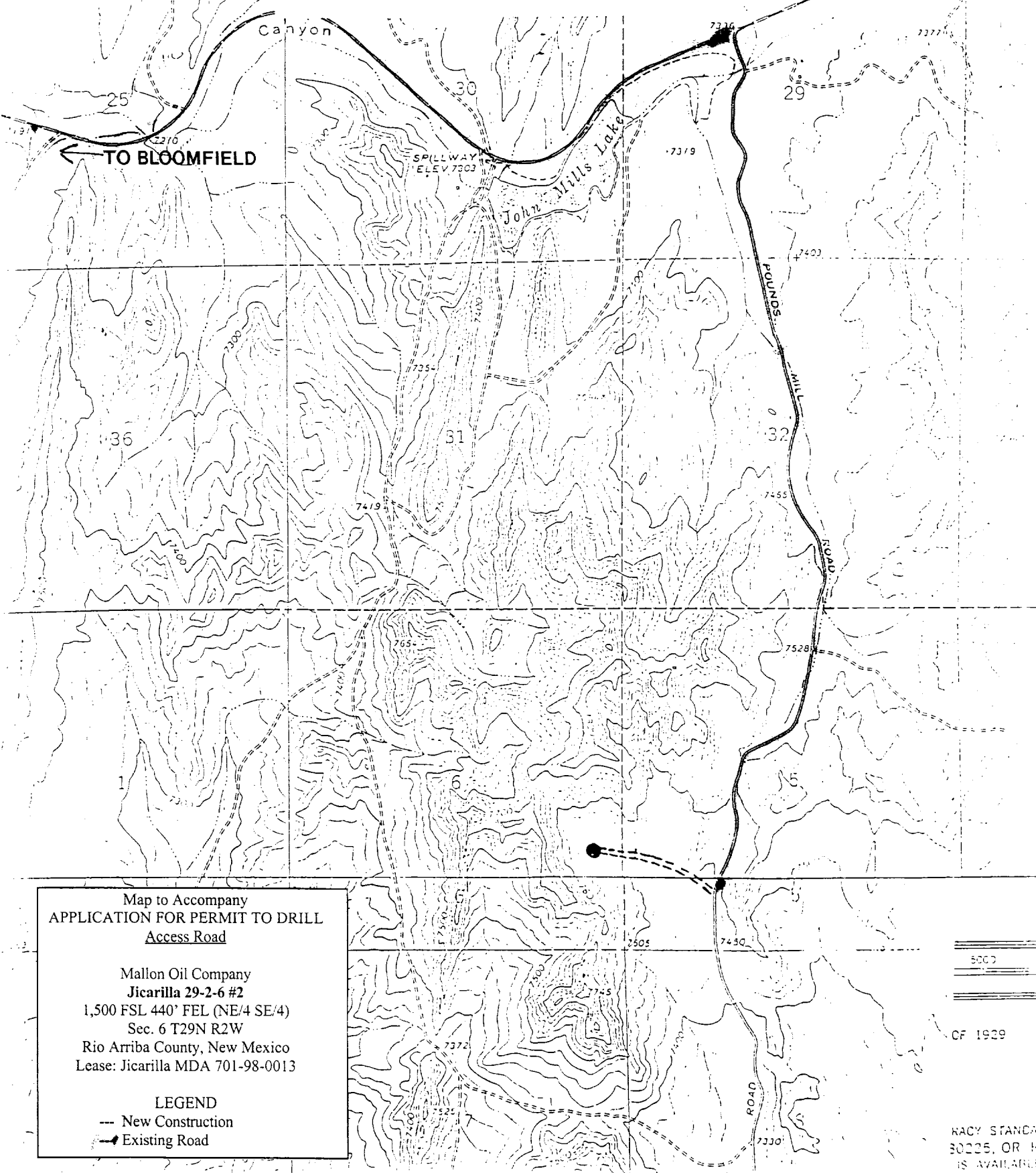
MALLON OIL COMPANY

JICARILLA 29-02-06 #2

SE/4 SEC. 6, T-29-N, R-2-W, N.M.P.M.

RIO ARRIBA COUNTY, NEW MEXICO

1500' FSL 440' FEL



Map to Accompany  
APPLICATION FOR PERMIT TO DRILL  
Access Road

Mallon Oil Company  
Jicarilla 29-2-6 #2  
1,500 FSL 440' FEL (NE/4 SE/4)  
Sec. 6 T29N R2W  
Rio Arriba County, New Mexico  
Lease: Jicarilla MDA 701-98-0013

LEGEND

- New Construction
- Existing Road

5002

CF 1929

NACV STANDARD  
30225, OR IF  
IS AVAILABLE

Mallon Oil Company  
**Jicarilla 29-2-6 #2**  
 1,500 FSL 440' FEL (NE/4 SE/4)  
 Sec. 6 T29N R2W  
 Rio Arriba County, New Mexico  
 Lease: Jicarilla MDA 701-98-0013

**DRILLING PROGRAM**  
 (Per Rule 320)

**SURFACE FORMATION** – San Jose

**GROUND ELEVATION** - 7,536'

**ESTIMATED FORMATION TOPS** - (Water, oil, gas and/or other mineral-bearing formations)

San Jose	Surface	Sandstone, shales & siltstones
Nacimiento	2,600'	Sandstone, shales & siltstones
Ojo Alamo	3,030'	Sandstone, shales & siltstones
Kirtland	3,358'	Sandstone, shales & siltstones
Fruitland	3,468'	Sandstone, shales & siltstones
Pictured Cliffs	3,660'	Sandstone, shales & siltstones
Lewis	3,800'	Sandstone, shales & siltstones
Total Depth	4,500'	Sandstone, shales & siltstones

Estimated depths of anticipated fresh water, oil, or gas:

San Jose	1,300'	Gas
Nacimiento	2,600'	Gas
Ojo Alamo	3,030'	Gas
Fruitland	3,468'	Gas
Pictured Cliffs	3,660'	Gas

**TOTAL DEPTH**        4,500'

**CASING PROGRAM**

<b>Depth</b>	<b>Hole Diameter</b>	<b>Casing Diameter</b>	<b>Casing Weight and Grade</b>	<b>Cement</b>
0' – 250'	12-1/4"	8-5/8"	K-55 24# ST&C New	To surface (±175 sxs Class B)
0' – T.D.	7-7/8"	5-1/2"	K-55 15.5# LT&C New	TD to surface (±1,170 sxs lite or 65:35 poz and ±270 sxs 50:50 poz *)

\* Actual cement volume to be determined by caliper log.

Yields:     Class B yield = 1.18 ft<sup>3</sup>/sx  
               65:35 Poz yield = 1.62 ft<sup>3</sup>/sx  
               50:50 Poz yield = 1.26 ft<sup>3</sup>/sx

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and protected.

# 2-M SYSTEM

Jicarilla 29-02-08 No. 1

