

(July 1992)

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

98 JUN -3

5. LEASE DESIGNATION AND SERIAL NO.

JRC 457-27

1a. TYPE OF WORK

Drill ☒Deepen ☐

b. TYPE OF WELL

Oil Well ☐Gas Well ☒Other ☐Single Zone ☐Multiple Zone ☐

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

N/A

2. NAME OF OPERATOR

Mallon Oil Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 3256

Carlsbad, NM 88220

(505) 885-4596

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1150' FSL and 1191' FEL (SE/SE) Unit P.

At proposed prod. zone

1150' FSL and 1191' FEL (SE/SE) Unit P.

8. FARM OR LEASE NAME, WELL NO.

Jicarilla 457-9 No. 1

9. API WELL NO.

30-039-25902

10. FIELD AND POOL, OR WILDCAT

E. Blanco, Pictured Cliffs

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

Sec. 9, T30N-R03W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

54 miles east of Bloomfield, NM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DISTANCE FROM PROPOSED *

LOCATION TO NEAREST

1150'

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

2560

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.

19. PROPOSED DEPTH

4500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.)

7238' GL

22. APPROX. DATE WORK WILL START

July 4, 1998

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	500'	Circ. to surface
7-7/8"	5-1/2"	15.5#	4500'	570 sks

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: Existing Roads/Planned Access Roads
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: Operations Superintendent

DATE

May 29, 1998

(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

Post Field Mgr.

DATE

JUL 1 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.

DRILLING PROGRAM

Attached to Form 3160-3
Mallon Oil Company
Jicarilla 457-9 #1
1150' FSL & 1191' FEL (SE/SE) Unit P
Sec. 9, T30N-R03W
Rio Arriba County, New Mexico

Lease Number: JIC 457

- 1. Geologic name of surface formation: San Jose**
- 2. Estimated tops of important geologic markers:**

San Jose	Surface
Ojo Alamo	3272'
Kirtland	3512'
Fruitland	3754'
Pictured Cliffs	3808'
Lower P.C.	4039'
Total Depth	4210'

- 3. Estimated depths of anticipated fresh water, oil or gas:**

San Jose	50'	Fresh Water
Ojo Alamo	3272'	Gas
Fruitland	3754'	Gas
Pictured Cliffs	3808'	Gas

No other formations are expected to give up oil, gas, or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 8-5/8" casing at 500' and circulating cement back to surface.

DISTRICT I
P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

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

OIL CONSERVATION DIVISION

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

P.O. Box 2088

Santa Fe, NM 87504-2088

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

☐ AMENDED REPORT

Exhibit A

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-25902		*Pool Code 72400	*Pool Name G BLANCO PC
*Property Code 23335	*Property Name Jicarilla 457-9		*Well Number #1
*OGRD No. 13925	*Operator Name Mallon Oil Co.		*Elevation 7238'

¹⁰ Surface Location

UL or lot no. 9	Section 9	Township 30 N	Range 3 W	Lot Idn	Feet from the 1150	North/South line South	Feet from the 1191	East/West line East	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 160	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	1917 B.C.	Set Stone	17 OPERATOR CERTIFICATION
<div>RECEIVED JUL 6 1998 OIL CON. DIV. DIST. 3</div>			I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
			<div>Signature Terry Lindeman Printed Name Operations Superintendent Title 6-2-98 Date</div>
<div>5145.4'</div> <div>1150'</div> <div>1191'</div> <div>1917 B.C.</div> <div>S89-56-34E</div> <div>5284.4'</div> <div>1917 B.C.</div>			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
			<div>3-2 ROY A. RUSH NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 8894 8894 Certificate Number</div>