

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAIL ROOM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR
Mallon Oil Company

3. ADDRESS OF OPERATOR
1099 18th St., Suite 2750, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 790' FNL & 1850' FWL
At proposed prod. zone same

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

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
2460 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
4200'

20. ROTARY OR CABLE TOOLS
0 - TD

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7515' GL 7527' RKB

22. APPROX. DATE WORK WILL START*
5/15/88

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
9-7/8"	7-5/8"	26.4#	125'
6-3/4"	4-1/2"	11.6#	4200'

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract 522
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache Tribe
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Jicarilla 522
9. WELL NO.
1
10. FIELD AND POOL, OR WILDCAT
Wildcat Pictured Cliffs
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
C
Sec. 33, T30N, R2W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
NM

17. NO. OF ACRES ASSIGNED
TO THIS WELL
160
20. ROTARY OR CABLE TOOLS
0 - TD
22. APPROX. DATE WORK WILL START*
5/15/88

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"
60 sx Class "B" - 71 ft³
200 sx 50/50 pozmix - 252 ft³

Will drill hole to 125' and set 125 feet of 7-5/8" 26.4#/ft J-55 casing, cementing with 71 ft³ Class "B" cement, circulated to surface. Will drill 6-3/4" hole to 4200' and run 4200' of 4-1/2" 11.6#/ft J-55 casing and cement with 252 ft³ 50/50 pozmix with 2% gel and 10% salt. Circulating medium will be clear water, natural mud and water loss control additives. No abnormal pressures or temperatures are anticipated. Will run Induction and Density Logs. Blowout preventer schematic is attached. The gas from this formation is not dedicated to a gas contract.

Estimated Tops: Ojo Alamo - 3296'
Kirtland - 3477'
Fruitland - 3654'
Pictured Cliffs - 3777'
Lower P.C. - 3990'
Total Depth - 4200'

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OIL CON. DIV
DIST. 2

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 Kevin H. McCord TITLE Petroleum Engineer DATE 4/28/88
Agent for Mallon Oil Co.

(This space for Federal or State use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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DIST. 2
NMOCC

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-107
Supersedes O-128
Effective 1-1-87

All distances must be from the outer boundaries of the Section.

MALLON OIL COMPANY		Lease JICARILLA 522		Well No. 1
Section C	33	Township 30 N	Range 2 W	County RIO ARRIBA
Footage Location of Well: 790' feet from the North line and 1850 feet from the West line				
Level Elev: 7515	Producing Formation Pictured Cliffs	Pool Undesignated Pictured Cliffs	Dedicated Acreage: 160 Acres	

Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

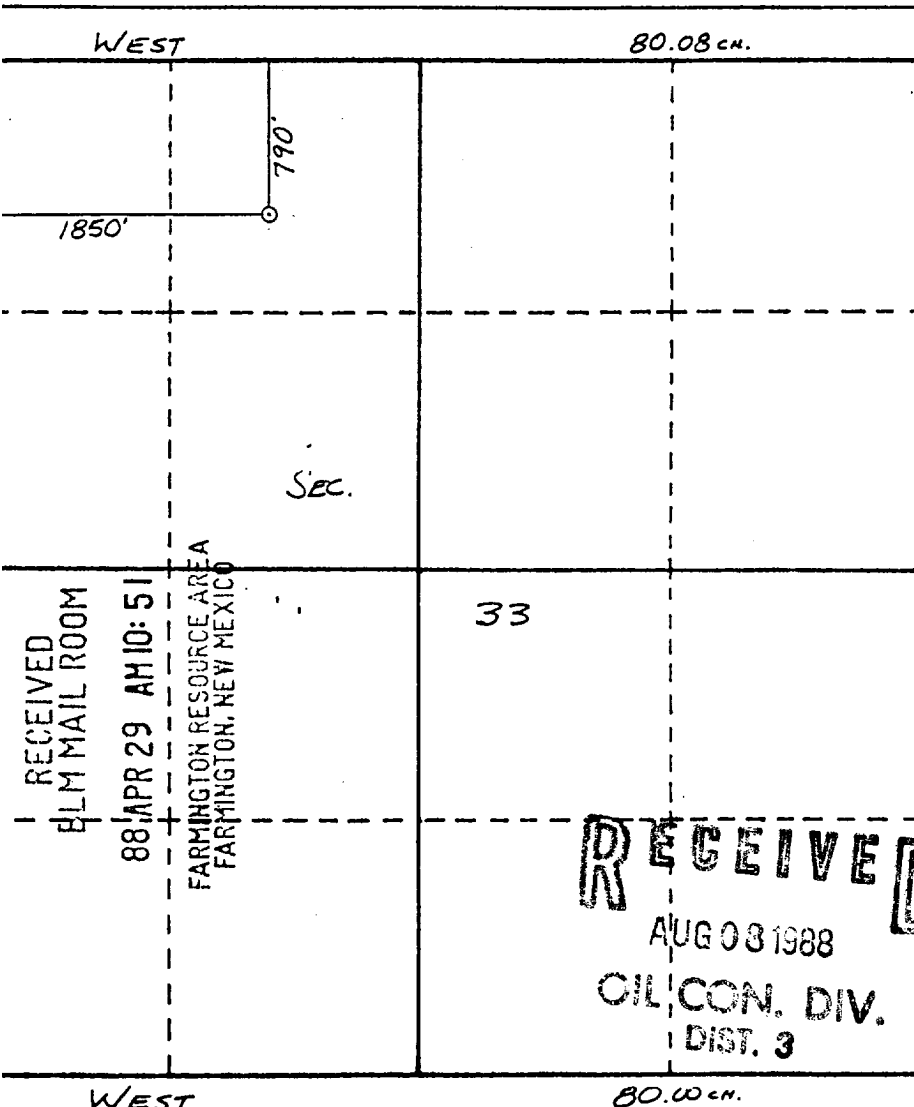
If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	Kevin H. McCord
Position	Petroleum Engineer
Company	Mallon Oil Company
Date	4/28/88
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 Surveyed	4-4-88
Registered Professional Engineer and	William E. Mahne II #8466
Certificate No.	8466