

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

30-639-84124

MAY 05 1987

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 ☐

SINGLE
ZONE ☐

MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Mallon Oil Company c/o KM Production Co.

3. ADDRESS OF OPERATOR

P.O. Box 2406, Farmington, NM 87499

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

2310' FSL & 2000' FWL
At proposed prod. zone

FEB 02 1987

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

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7255' G.L.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

22. APPROX. DATE WORK WILL START*

Feb. 1, 1987

23.

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12 1/4	9-5/8"	24#/ft	275'	130 ft ³ Class B w/2% CaCl ₂
8-3/4	5-1/2"	15.5#/ft	8050'	1st-560 ft ³ 50-50 pozmix w/2% gal
				2nd-1020 ft ³ Class B w/2% Econofil

Will drill 12 1/4 hole to 275' of 9-5/8" 24#/ft J-55 casing and cement with 130 ft³ Class B w/2% CaCl₂. Cement will be circulated to surface. Will drill to 8050' and log well. If well appears productive, will run 8050' of 5 1/2#/ft J-55 new casing and cement in two stages, set D.V. tool @ 6170'; 1st: 560 ft³ 50-50 pozmix w/2% gel & 10% salt; 2nd: 1020 ft³ Class B w/2% econofil. Will perforate and stimulate well as required. No abnormal pressures or temperatures are anticipated. Circulation medium will be clear water, natural mud, and water loss additives. Blowout preventer schematic is attached. The gas from this formation is dedicated.

ESTIMATED TOPS:

Ojo Alamo	- 3008	Gallup	- 6645
Pictured Cliffs	- 3404	Gallup B	- 6850
Cliffhouse	- 5234	Greenhourn	- 7680
Pt. Lookout	- 5634	Dakota	- 7800

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

Kim A. McKeel

TITLE Agent

DATE Jan 26, 1987

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

RECEIVED
APR 29 1987

APPROVED
AS AMENDED

APR 28 1987

/s/ J. Stan McKee

"Approval of this action does
not warrant that the applicant
holds legal or equitable rights
or title to this lease."

*See Instructions On Reverse Side

FOR AREA MANAGER

THE U.S.C. Section 360 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.

8894

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-79

All distances must be from the outer boundaries of the Section

Operator Mallon Oil Company			Lease Jicarilla 480-		Well No. 1
Unit Letter K	Section 21	Township 28 North	Range 1 West	County Rio Arriba	
Actual Postage Location of Well: (cardinal) 2310 feet from the South line and 2000 feet from the West line					
Ground Level Elev. 7255	Producing Formation Gallup/Dakota		Pool W.C. W.C. Undestg. Glp/Basin Dak.		Dedicated Acreage: 40/40 Acres

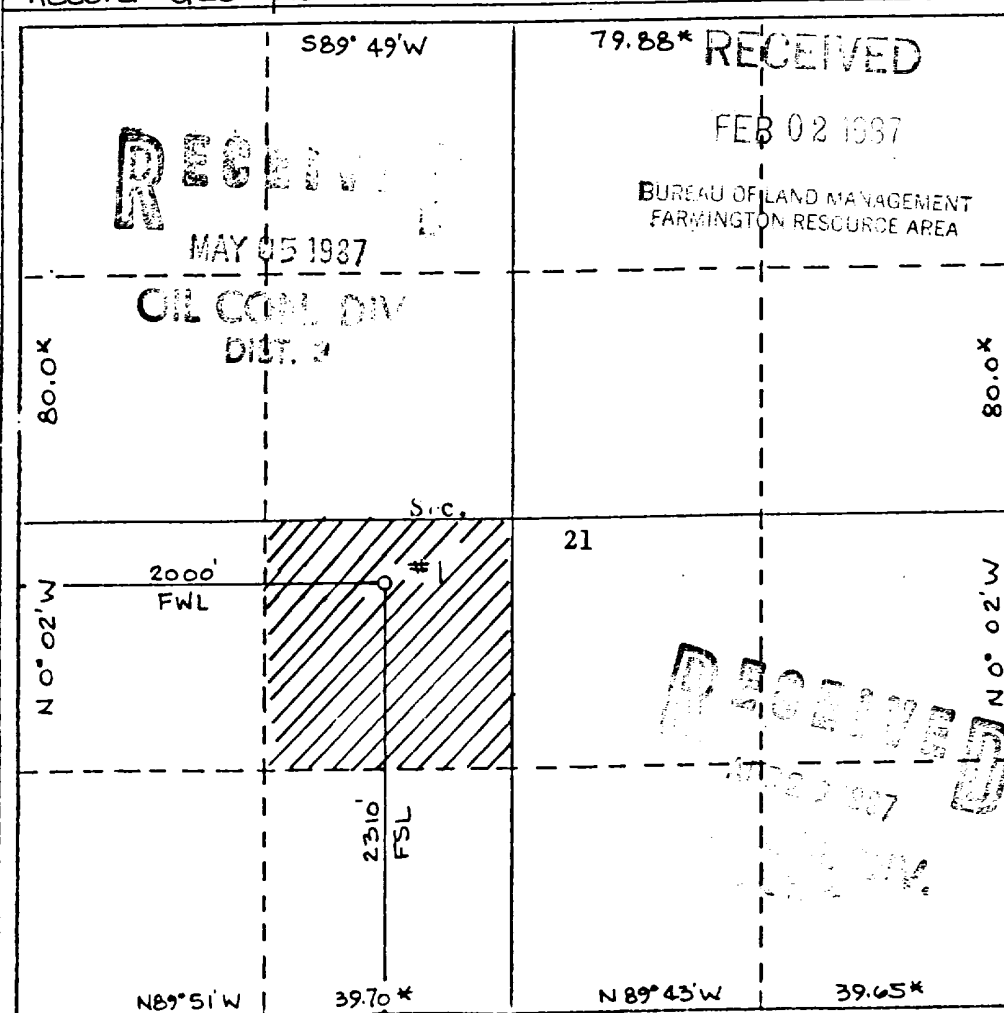
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 Division.

*Record GLO plat 1891



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Kevin H. McCord
Name

Kevin H. McCord

Position

Agent

Company

Mallon Oil Company

Date

January 26, 1987

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

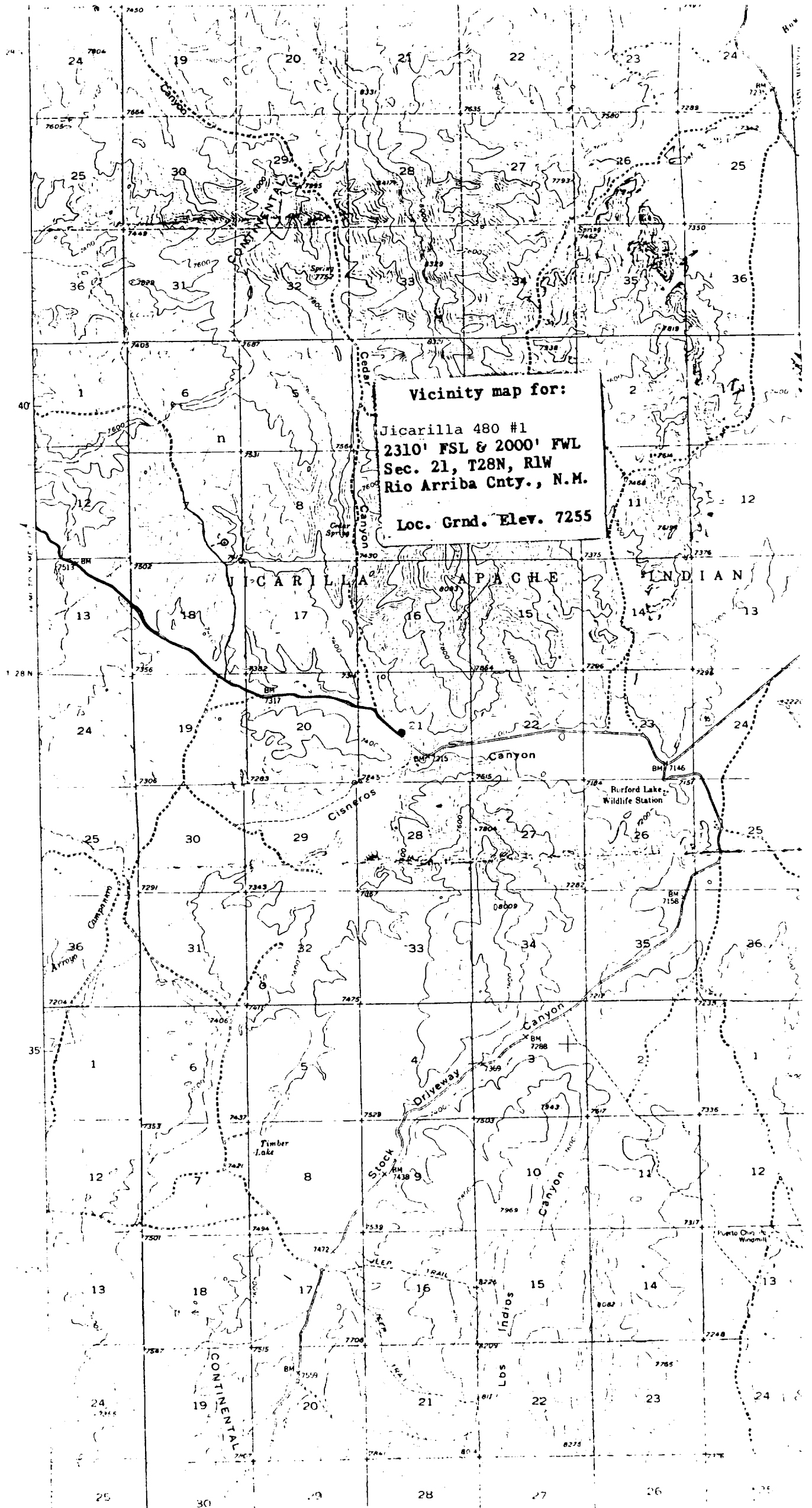
Aug. 25, 1986

Registered Professional Engineer and/or Land Surveyor

Certificate No.

8894

(B)



Ucarilla 480 #1
 2310' FSL & 2000' FWL
 Roadway description to: Sec. 21, T28N, R1W
 Rio Arriba Co., N.M.

Paved + 9 Gravel & dirt 5.8 Trails — New access —
 Begin at equivalent mile marker 73.2 on US 64 (+ 10 miles west of Dulce, N.M.)
 at intersection of US 64 & NM 537

DIRECTION	DISTANCE (+)	ROAD TYPE & COMMENTS	DESCRIPTION (PT)
Southerly	+ 9	Paved NM 537	@ Burford Lk. Rd.—intersect.
Turn left	5.8 mi	2 lane gravel & dirt	@ staked location.