

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

3. ADDRESS OF OPERATOR

2850 Security Life Bldg., Denver, CO 80202

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

At surface

860' FSL & 990' FEL

At proposed prod. zone

same

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

BUREAU OF LAND MANAGEMENT
WASHINGTON RESOURCE AREA

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

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E/320.54/40

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

19. PROPOSED DEPTH

8100'

20. ROTARY OR CABLE TOOLS

0-TD

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

7432' G.L.

22. APPROX. DATE WORK WILL START*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8-5/8"	24#	250'	130 ft ³ Class B w/2% CaCl ₂
7-7/8"	5 1/2"	15.5#	8100	180 ft ³ Class B w/2% Econofil
				290 ft ³ 50-50 pozmix w/2% gel & 10% salt; 2nd: 680 ft ³ Class B w/2% econofil.

Will drill 12 1/4" hole to 250' and set 250' of 8-5/8" 24#/ft. J-55 casing and cement with 130 ft³ Class B w/2% CaCl₂. Cement will be circulated to surface. Will drill to 8100' and log well. If well appears productive, will run 8100' of 5 1/2", 15.5#/ft. J-55 new casing and cement in two stages, set D.V. tool @ 6000'; 1st: 180 ft³ Class B w/2% econofil followed by 290 ft³ 50-50 pozmix w/2% gel & 10% salt; 2nd: 680 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 preventor schematic is attached. The gas from this formation is not dedicated.

ESTIMATED TOPS: Pic. Cliffs - 3505' Greenhorn - 7670'
Mesaverde - 5450' Graneros - 7750'
Gallup - 6800' Dakota - 7860'
Juana Lopez - 7350' T. D. - 8100'

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 preventor program, if any.

24.

SIGNED

Kevin H. [Signature]
RECEIVED
SEP 18 1984
OIL CON. DIV. 1
DIST. 3

TITLE Agent

DATE 8-13-84

(This space for operator's use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL

TITLE

DATE

SEP 14 1984
(SGD.) MAT MILLENBACH

M. MILLENBACH
AREA MANAGER

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

P. O. BOX 2044

Form C-107
Revised 10-1-83STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

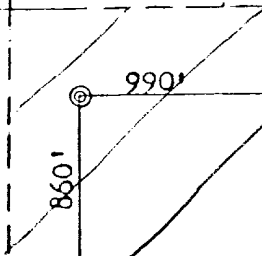
Operator MALLON OIL COMPANY			Lease RIBEYOWIDS Feb 2		Well No. 2-16
Well Letter P	Section 2	Township 25N	Range 2W	County Rio Arriba	
Actual Footage Location of Well: 860 feet from the South line and 990 feet from the East line					
Sound Level Elev. 7432	Producing Formation Dakota/Gallup		Pool Basin Dakota/Undesignated Gallup		Dedicated Acreage: 320 / 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 Commission.

Sec.	RECEIVED AUG 13 1984 DIVISION OF LAND & MINERALS SANTA FE, NEW MEXICO
	2
RECEIVED SEP 18 1984 OIL CON. DIV. DIST. 3	
	

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 Co.

Date

8-13-84

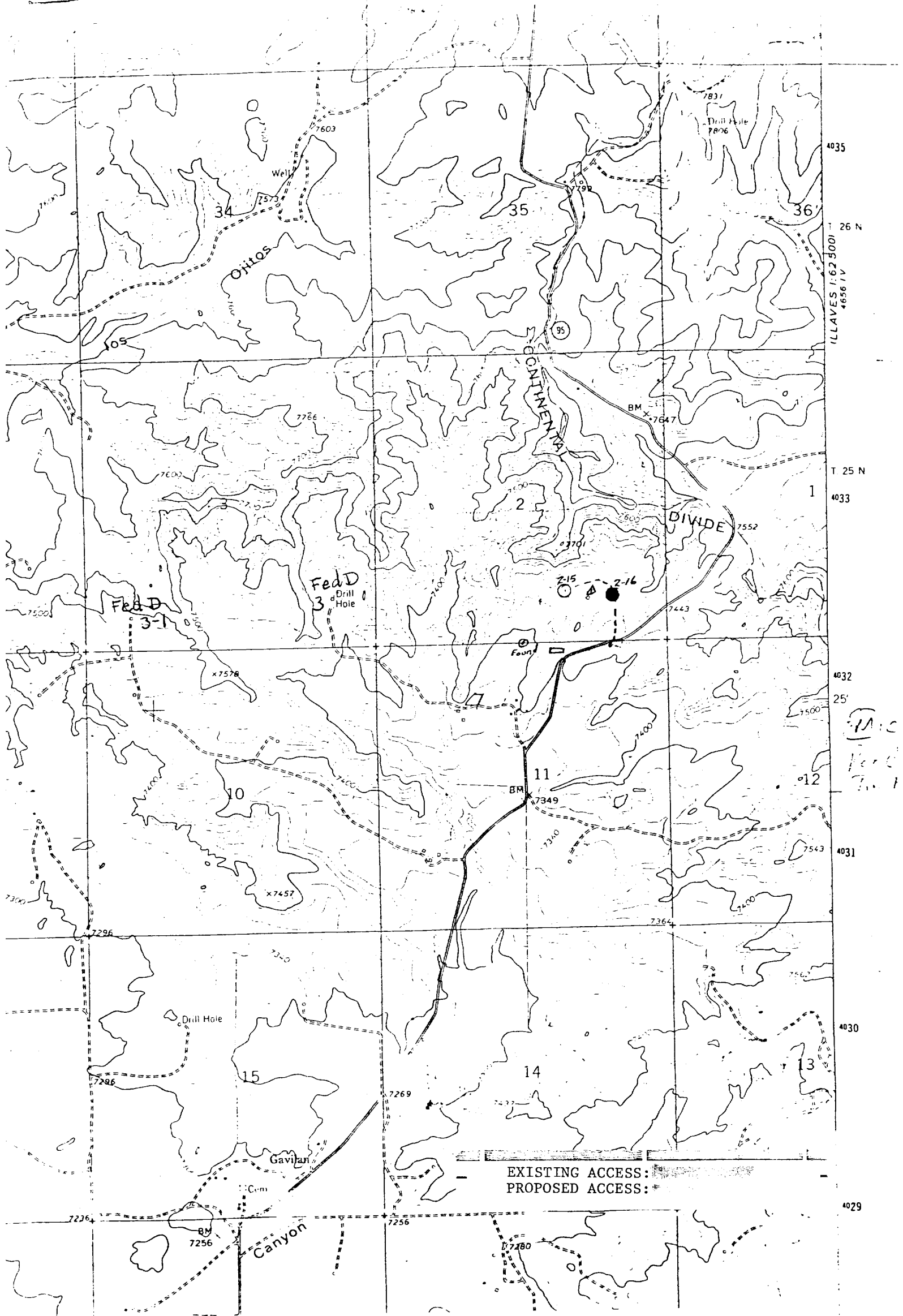
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

July 5, 1984

Registered Professional Engineer
and Land Surveyor*Fred E. Kerr Jr.*
Fred E. Kerr Jr.

Certificate No. 4122



Vicinity Map for
MALLON OIL COMPANY #2-16 RIBEYOWIDS
860'FSL 990'FEL Sec. 2-T25N-R2W
RIO ARRIBA COUNTY, NEW MEXICO