

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

2750 Security Life Building, Denver, CO 80202

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

At surface

1850' FSL & ~~1650'~~ 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

480

17. NO. OF ACRES ASSIGNED
TO THIS WELL

W 34.87 / 40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

8300'

20. ROTARY OR CABLE TOOLS

Rotary 0-TD

21. ELEVATIONS (Show whether DF, R, or L) OPERATIONS AUTHORIZED ARE

7547' G.L.

SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

ASAP

23. "GENERAL REQUIREMENTS" 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"	9-5/8"	36#	250'	130ft ³ Class B w/2% CaCl ₂
7-7/8"	5 1/2"	15.5#	8300'	180ft ³ Class B w/2% Econofil
			1st -	290ft ³ 50-50 poz w/2% gel 10% salt
			2nd -	680ft ³ Class B w/2% Econofil

Will drill 12 1/4" hole to 250' and set 250' of 9-5/8" 36#/ft J-55 casing and cement w/130ft³ Class B w/2% CaCl₂. Cement will be circulated to surface. Will drill to 8300' and log well. If well appears productive, will run 8300' of 5 1/2" 15.5#/ft J-55 casing and cement in two stages, set D.V. tool @ 6200'; 1st: 180ft³ Class B w/2% econofil followed by 290ft³ 50-50 pozmix w/2% gel & 10% salt; 2nd: 680ft³ 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 not dedicated.

ESTIMATED TOPS: Ojo Alamo - 3228' Gallup - 6971'
Pic. Cliffs - 3659' Greenhorn - 7923'
Cliffhouse - 5482' Dakota - 8047'
Pt. Lookout - 6024' T.D. - 8300'

RECEIVED
APR 22 1985

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 depths. Give blowout preventer program, if any.

24.

SIGNED

Kevin H. McLeod

TITLE

Agent

DATE

3-21-85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMOCC

*See Instructions On Reverse Side

APR 18 1985

W. MILLENBACH
AREA MANAGER

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

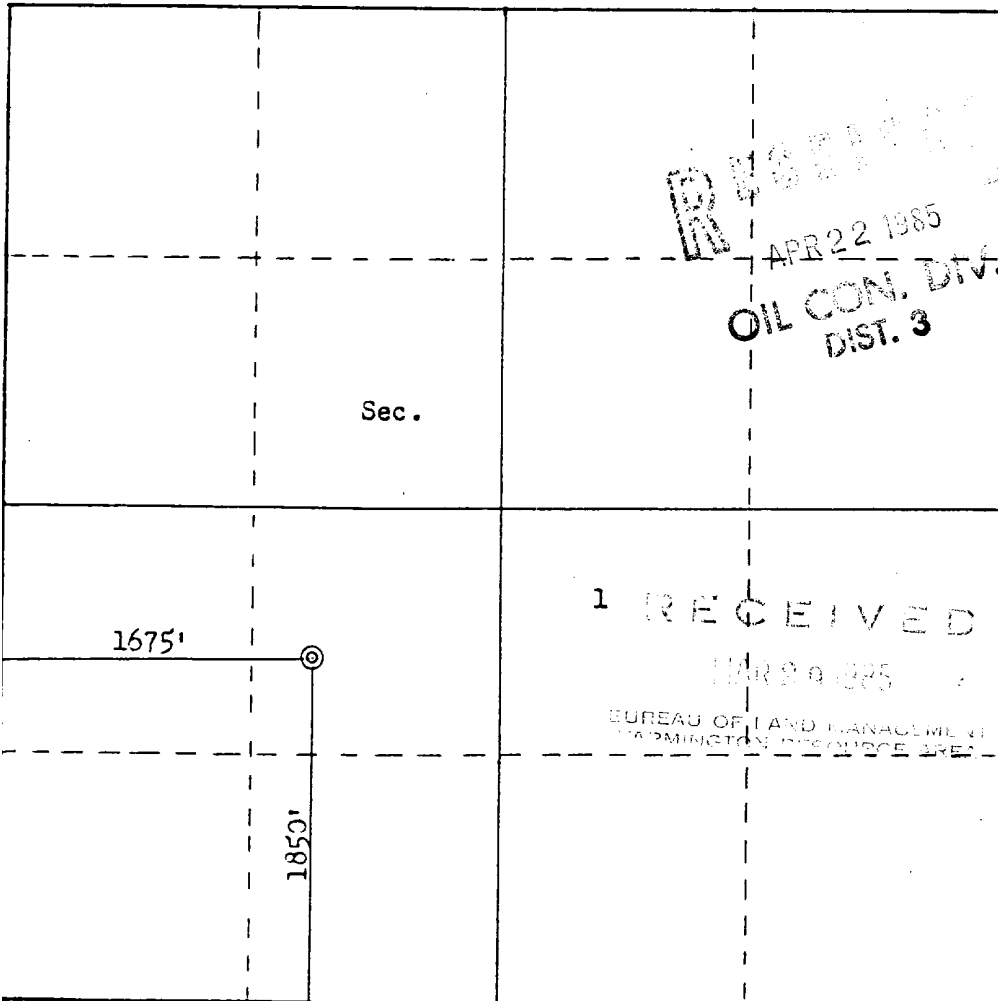
Operator MALLON OIL COMPANY			Lease FEDERAL		Well No. 1-11
Unit Letter K	Section 1	Township 25N	Range 2W	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the South line and 1675 feet from the West line					
Ground Level Elev. 7544	Producing Formation Gallup-Dakota		Pool Basin Dakota-Unders. Gallup		Dedicated Acreage: 314.37/40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.



Scale: 1"=1000'

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

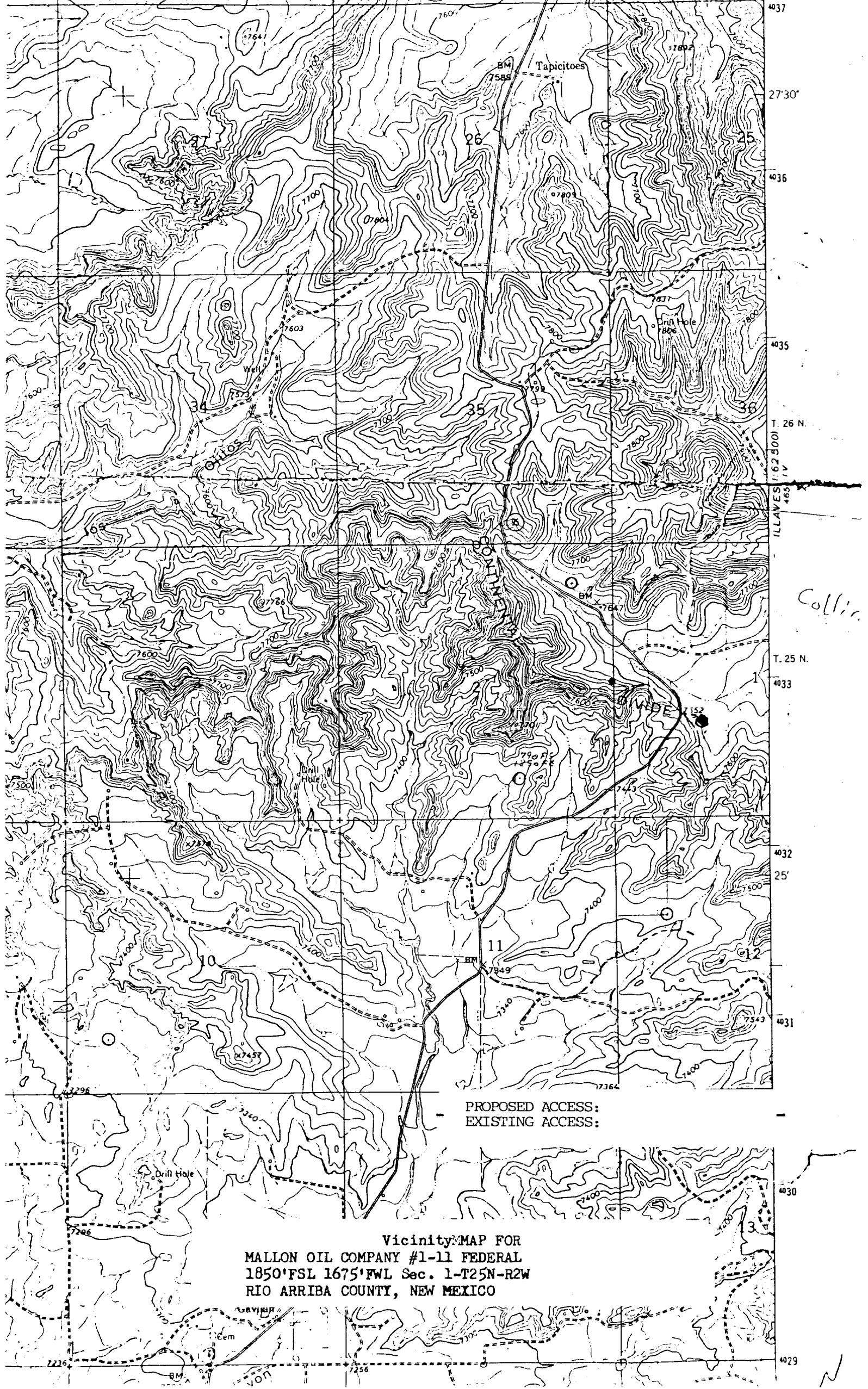
Date
March 28, 1985

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
March 27, 1985

Registered Professional Engineer
and
Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. 45000
1980



PROPOSED ACCESS:
EXISTING ACCESS:

Vicinity MAP FOR
MALLON OIL COMPANY #1-11 FEDERAL
1850' FSL 1675' FWL Sec. 1-T25N-R2W
RIO ARRIBA COUNTY, NEW MEXICO