

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. NM 40646	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Mallon Oil Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 2750 Security Life Building, Denver, CO 80202				8. FARM OR LEASE NAME Fisher Federal 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 790' FNL & 790' FEL At proposed prod. zone same				9. WELL NO. #1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*				10. FIELD AND POOL, OR WILDCAT Basin Dakota-Undes. Gallup	
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 321.52 / 40.20	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 8400'		20. ROTARY OR CABLE TOOLS 0-TD Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7648' G.L. DRILLING OPERATIONS AUTHORIZED ARE				22. APPROX. DATE WORK WILL START* ASAP	
23. SUBJECT TO COMPLIANCE WITH ATTACHED PROPOSED CASING AND CEMENTING PROGRAM "GENERAL REQUIREMENTS"				This action is subject to administrative approval pursuant to 30 CFR 200.	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		
12 1/4"	9-5/8"	36# J-55	275'	130ft ³ Class B w/2% CaCl ₂	
7-7/8"	5 1/2"	15.5# J-55	8400'	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 275' and set 275' 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 in two stages, set D.V. tool @ 6200'; 1st: 180ft³ Class B w/2% econofil followed by 290 ft³ 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 - 3329' Gallup - 7072'
Pictured Cliffs - 3760' Greenhorn - 8024'
Cliffhouse - 5586' Dakota - 8148'
Point Lookout - 6125' T.D. - 8400'

Original staking as the Collins Federal #2-1

OIL CON. DIV.
DIST. 3

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 <u>Kevin H. McLeod</u> TITLE <u>Agent</u> DATE <u>4/2/85</u>	
(This space for Federal or State office use)	
PERMIT NO. _____	APPROVAL DATE _____
APPROVED BY _____	TITLE _____
CONDITIONS OF APPROVAL, IF ANY:	
APR 10 1985 (SGD) MAT MILLENBACH M. MILLENBACH AREA MANAGER	

*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-4-85

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

Operator MALLON OIL COMPANY			Lease Fisher Federal			Well No. 2-1		
Unit Letter A	Section 2	Township 25N	Range 2W	County Rio Arriba				
Actual Footage Location of Well: 790 feet from the North line and 790 feet from the East line								
Ground Level Elev. 7648	Producing Formation Gallup-Dakota		Pool Basin Dakota-Undes. Gallup			Dedicated Acreage: 321.52 / 40.20 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.

		790'
		790'
Sec.		
2		
OIL CON. DIV. DIST. 3		
RECEIVED		

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
4-2-85

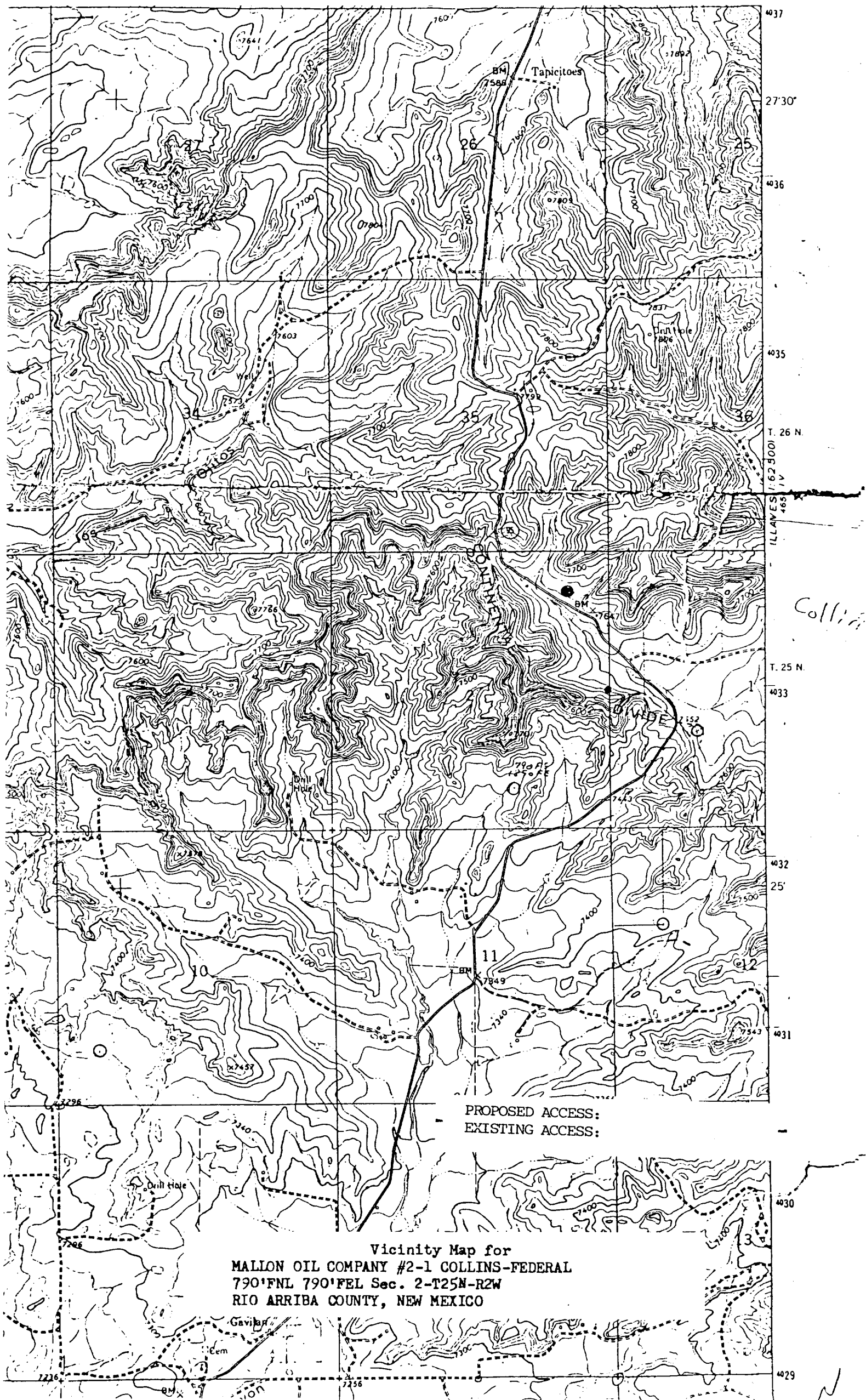
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
March 27, 1985

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. 4



PROPOSED ACCESS:
EXISTING ACCESS:

Vicinity Map for
MALLON OIL COMPANY #2-1 COLLINS-FEDERAL
790'FNL 790'FEL Sec. 2-T25N-R2W
RIO ARRIBA COUNTY, NEW MEXICO

