

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 Building, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations.)
At surface 795' FSL & 2145' FEL
At proposed prod. zone same

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 drg. unit line, if any)

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7458' G.L.

23. DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	9-5/8"	24#/ft	275'
8-3/4"	5-1/2"	15.5#/ft	8250'

17. NO. OF ACRES ASSIGNED TO THIS WELL
E 321.15/E 321.15

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
July 1, 1986

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

Will drill 12 1/4" hole to 275' and set 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 8250' and log well. If well appears productive, will run 8250' of 5 1/2", 15 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 preventor schematic is attached. The gas from this formation is dedicated.

ESTIMATED TOPS:	Ojo Alamo - 3208	Gallup - 6845
	Pictured Cliffs - 3604	Gallup B - 7050
	Mesaverde - 5434	Greenhorn - 7880
	Cliffhouse - 5834	Graneros - 8000
	Pt. Lookout - 5834	Dakota - 8000

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 _____ TITLE Agent DATE May 19, 1986

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

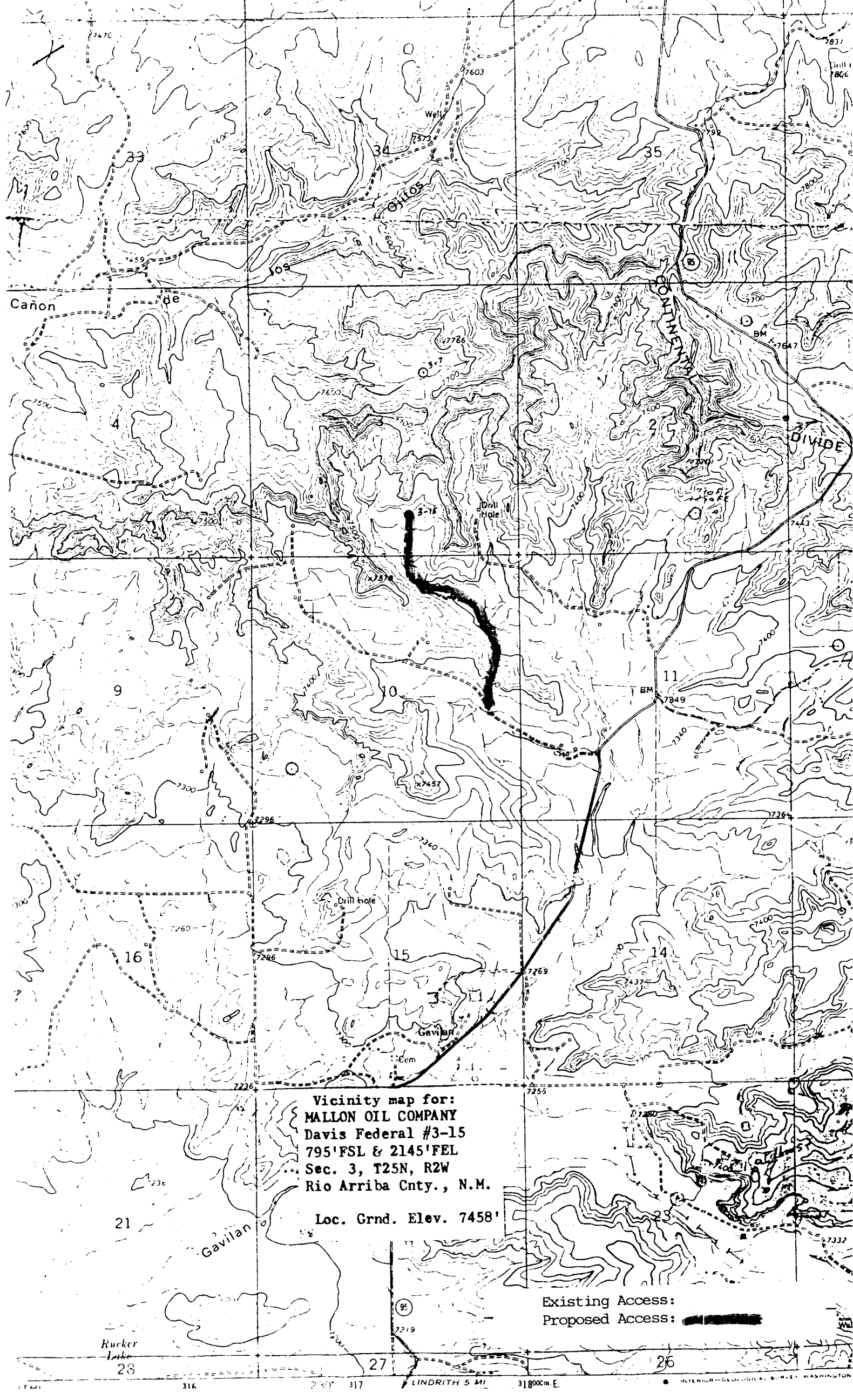
CONDITIONS OF APPROVAL, IF ANY

holds for 104 for NSL

for life to this lease.

*See Instructions On Reverse Side

It is a crime for any person knowingly and willfully to make to any department or agency of the



Vicinity map for:
MALLON OIL COMPANY
Davis Federal #3-15
795'FSL & 2145'FEL
Sec. 3, T25N, R2W
Rio Arriba Cnty., N.M.

Loc. Grnd. Elev. 7458'

Existing Access:
Proposed Access:

Rucker
Lake

28

95

7219

27

26

LINDRITH 5 MI

318000m E

INTERIOR GEOLOGICAL SURVEY WASHINGTON

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

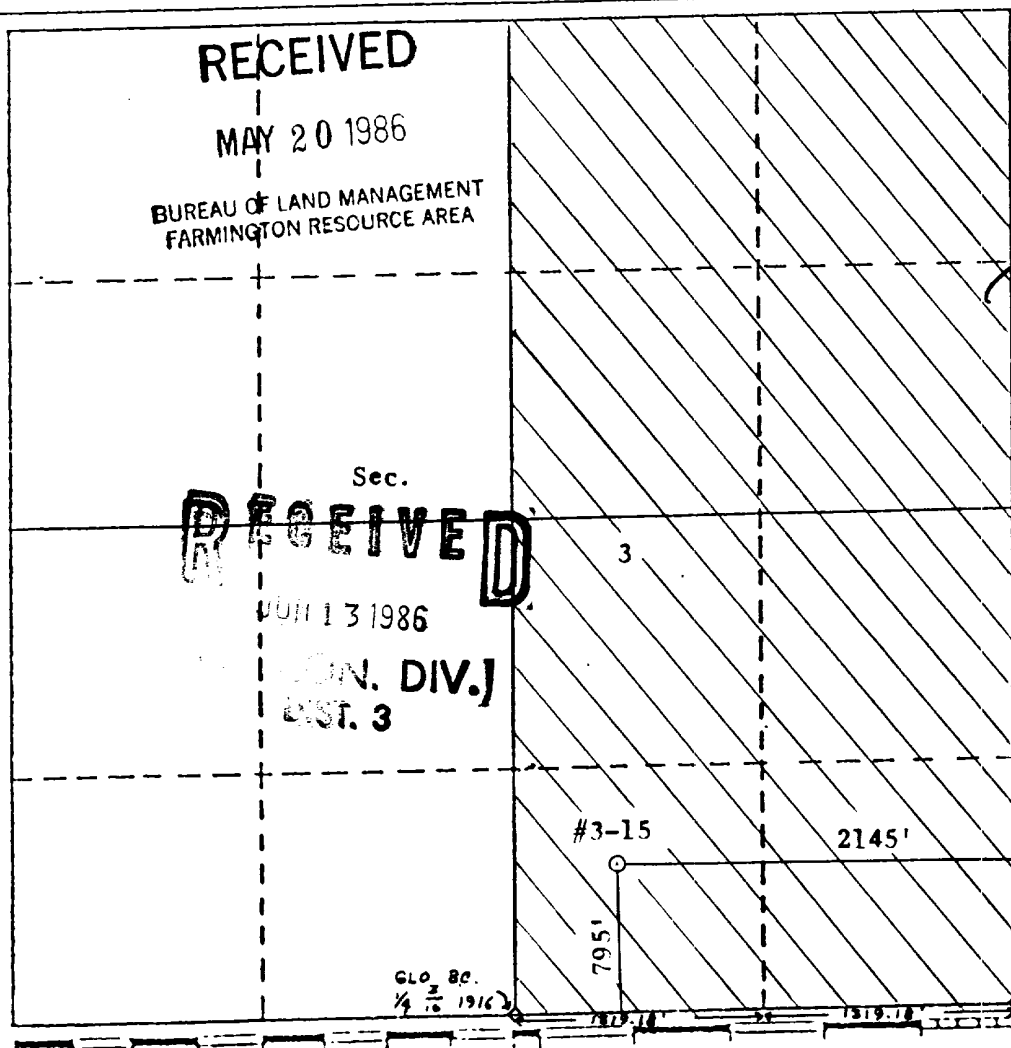
Operator MALLON OIL COMPANY		Lease Davis Federal 3		Well No. 15
Unit Letter 0	Section 3	Township 25 North	Range 2 West	County Rio Arriba
Actual Footage Location of Well: 795' feet from the South line and 2145' feet from the East line				
Ground Level Elev. 7458'	Producing Formation Gallup/Dakota	Pool Gavilan Mancos/Gavilan EXT Greenhorn-Graneros-Dakota EXT Dedicated Acreage: 321.15/321.15		

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.



CERTIFICATION

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

Name
Robert L. Bayless
Position
Agent
Company
Mallon Oil Company
Date
May 19, 1986

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
Feb. 3, 1986
Registered Professional Engineer and/or Land Surveyor
ROY A. RUSH
Certificate No.
8894
GLO. B.C.
312

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-77

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

Operator MALLON OIL COMPANY			Lease DAVIS - FEDERAL 3		Well No. 15
Unit Letter O	Section 3	Township 25 North	Range 2 West	County RIO ARRIBA	
Actual Footage Location of Well:					
795 feet from the South line and		2145 feet from the East line			
Ground Level Elev. 7458'	Producing Formation Gallup/Dakota		Pool Gavilan Mancos/Gavilan Greenhorn-Graneros-Dakota	Dedicated Acreage: 321.15/321.15 Acre	

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 Com Agreement # NM 015P35-86C-526

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

RECEIVED OCT 31 1986 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA		NM 04077 40.55 net acres 12.5% Royalty	
Sec.		NM 04077A 80 net acres 12.5% Royalty 3	
			NM 43748 160.60 net acres
		NM 04077 40 net acres #3-15 795' 12.5% Royalty	Sliding Scale Royalty 2145'

0 330 660 90 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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	Agent
Company	Mallon Oil Company
Date	October 17, 1986
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.	
See original C-102	
Date Surveyed	Filed 5/19/86
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	