

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

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 840, Farmington, New Mexico 87499

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

1190' FNL & 790' FEL

At proposed prod. zone

Same as above

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

20 Miles South of Farmington, New Mexico

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

1400'

16. NO. OF ACRES IN LEASE

1120

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

650'

19. PROPOSED DEPTH

1280'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

6120' GL

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

22. APPROX. DATE WORK WILL START\*

June, 1990

23. and appeal pursuant to 43 CFR 3165.3 AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-3/4"	7"	20 lb/ft	100'	50 sx (59 cu.ft.)
6-1/4"	4-1/2"	10.5 lb/ft	1280'	130 sx (202 cu.ft.)

Propose to drill 9-3/4" surface hole to 100' KB. Will set approximately 100 ft. of 7", J-55, 20 lb/ft surface casing at 100 ft KB with 50 sx (59 cu.ft.) of Class "B" with 2% CaCl<sub>2</sub>. Top of cement at the surface. Wait on cement 10 hours. Nipple up BOPs. Pressure test casing to 600 psi for 30 minutes. Drill 6-1/4" hole to total depth at 1,280 ft. Will run open hole logs. If well appears productive will set 4-1/2", J-55, 10.5 lb/ft production casing at total depth with 85 sx of Class "B" with 2% D-79 (175 cu.ft.) followed by 55 sx (67 cu.ft.) of Class "H" with 2% gel. Estimated top of cement at the surface. Will perforate and stimulate as necessary to test well. Additional program details attached.

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

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface conditions and proposed and true vertical depths. Give blowout preventer program, if any.

SIGNED

*Steven S. Dunn*

TITLE Operations Manager

DATE APRIL 27, 1990

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

JUL 6 1990

TITLE

CONDITIONS OF APPROVAL, IF ANY:

CC: Well File

OIL CON. DIV.  
DIST. 3

\*See Instructions On Reverse Side

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-162  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

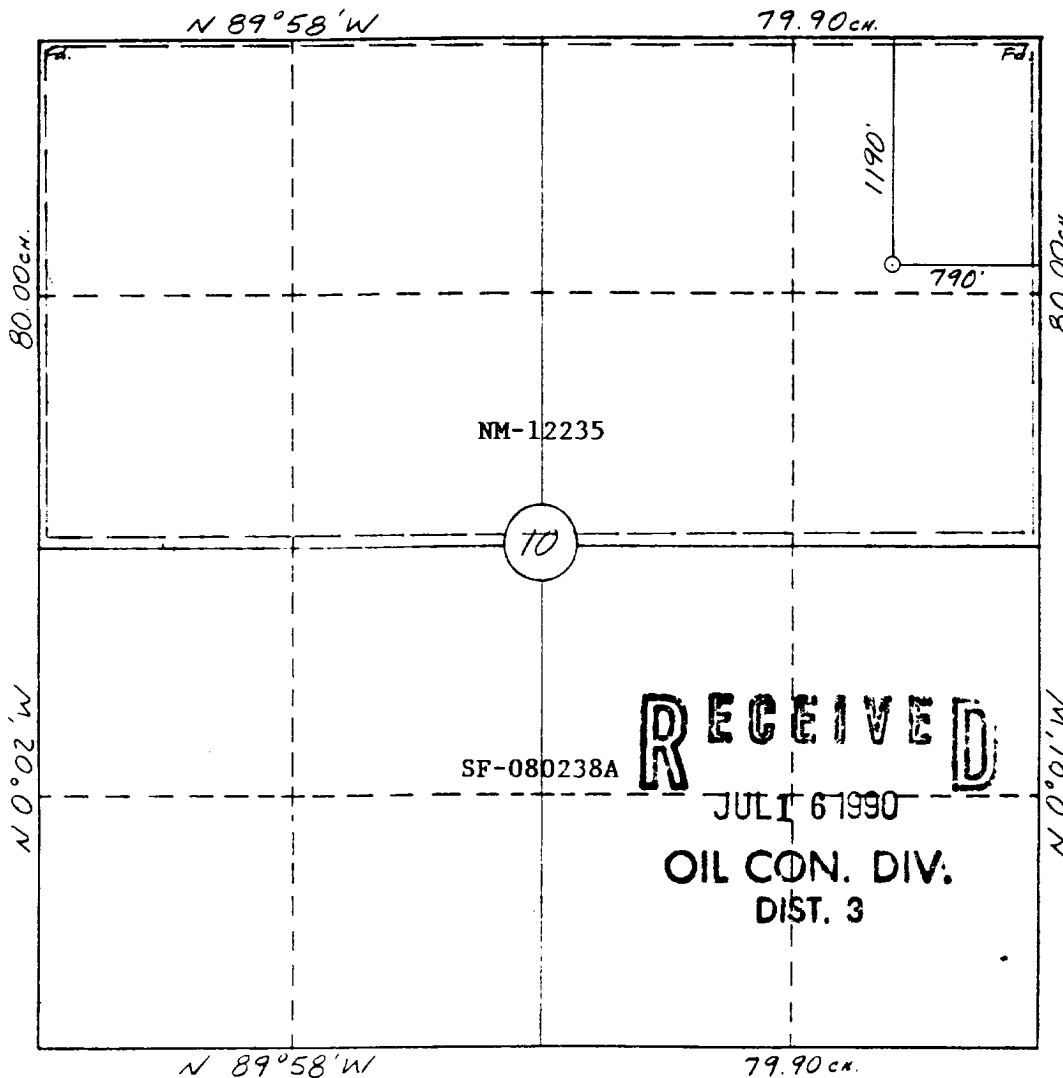
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MERRION OIL & GAS CORPORATION			Lease SOUTHLANT		Well No. 8
Unit Letter A	Section 10	Township 26 N	Range 13 W	County San Juan	NMPM
Actual Footage Location of Well: 1190 feet from the North line and 790 feet from the East line					
Ground level Elev. 6120	Producing Formation Fruitland		Pool Basin		Dedicated Acreage: 320 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 interest 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 interest, has been approved by the Division.

0 350 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



OPERATOR CERTIFICATION

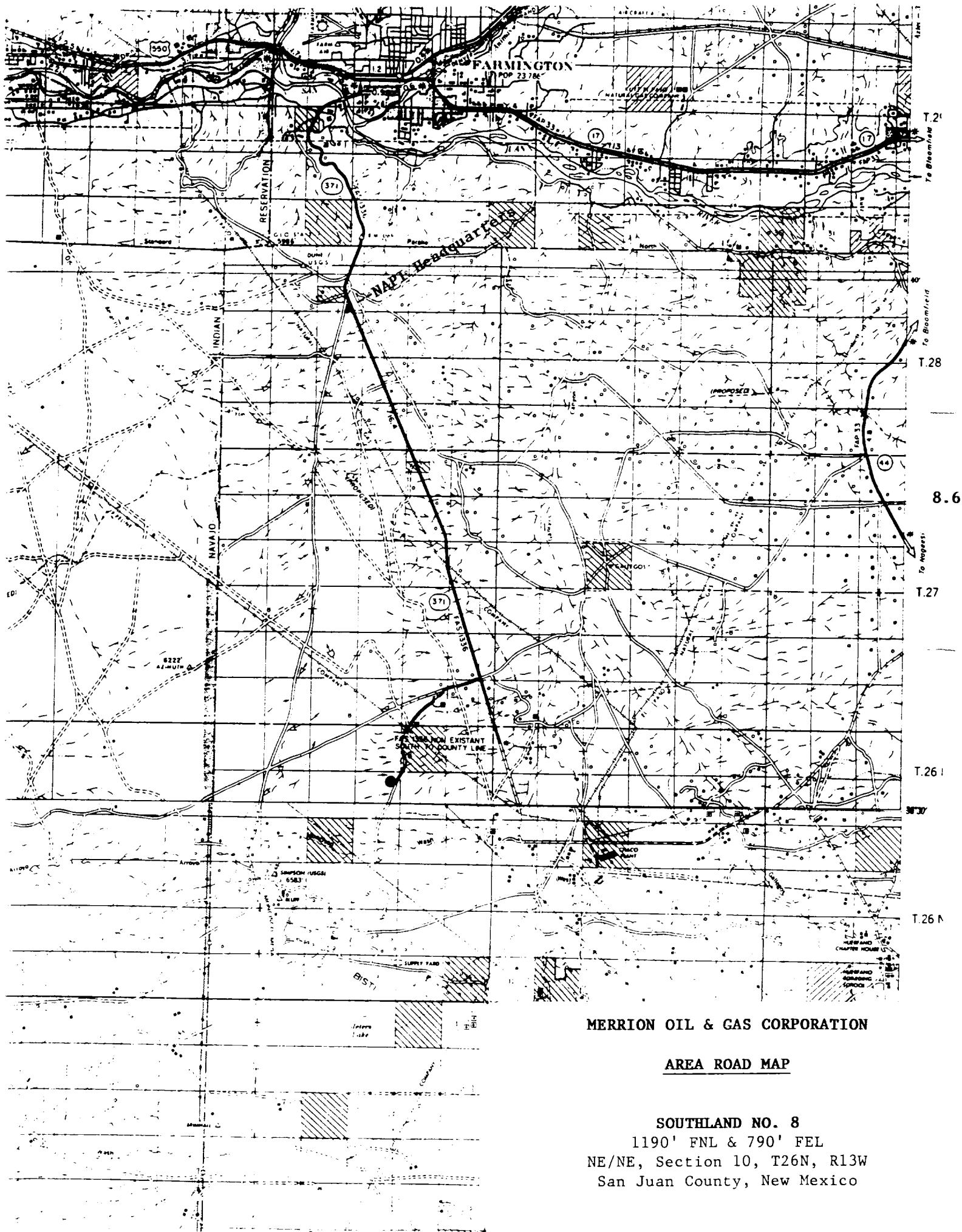
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature  
Steven S. Dunn  
Printed Name  
Steven S. Dunn  
Position  
Operations Manager  
Company  
Merrion Oil & Gas Corp.  
Date  
APRIL 27, 1990

SURVEYOR CERTIFICATION

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.

4-13-90  
Date Surveyed  
William E. Maduke II  
Signature & Seal of Professional Surveyor  
#8466  
Certificate No. 85488



MERRION OIL & GAS CORPORATION

AREA ROAD MAP

**SOUTHLAND NO. 8**

1190' FNL & 790' FEL

NE/NE, Section 10, T26N, R13W

San Juan County, New Mexico