

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

790' FSL & 990' FWL (SWSW)  
At proposed prod. zone

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)

990'

16. NO. OF ACRES IN LEASE  
2374

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

1700'

19. PROPOSED DEPTH  
1200'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5,907' GR

22. APPROX. DATE WORK WILL START\*  
July, 1990

23. PROPOSED CASING 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	1200'	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 hrs. Nipple up BOPS. Pressure test casing to 600 psi for 30 minutes. Drill 6-1/4" hole to total depth at 1,200 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 78 sx Class "B" with 2% D-79 (161 ft<sup>3</sup>) followed by 52 sx (63 cu.ft.) of Class "H", 2% gel. Estimated top of cement at the surface. Will perforate and stimulate as necessary to test well. Additional drilling program details attached.

RECEIVED  
JUL 31 1990

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 Steven S. Dunn TITLE Operations Manager DATE 6-4-90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED  
JUL 24 1990  
AREA MANAGER

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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-102  
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 <b>Merrion Oil &amp; Gas Corporation</b>			Lease <b>Morgan</b>		Well No. <b>5</b>
Unit Letter <b>M</b>	Section <b>31</b>	Township <b>27N</b>	Range <b>12W</b>	County <b>NMPM San Juan</b>	
Actual Footage Location of Well: <b>790</b> feet from the <b>South</b> line and <b>990</b> feet from the <b>West</b> line					
Ground level Elev. <b>5907'</b>		Producing Formation <b>Fruitland</b>		Pool <b>Basin Fruitland</b>	Dedicated Acreage: <b>320</b> Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

### OPERATOR CERTIFICATION

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

Signature

Printed Name

**Steven S. Dunn**

Position

**Operations Manager**

Company

**Merrion Oil & Gas Corp.**

Date

**6/4/90**

### 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.

**6-03-90**

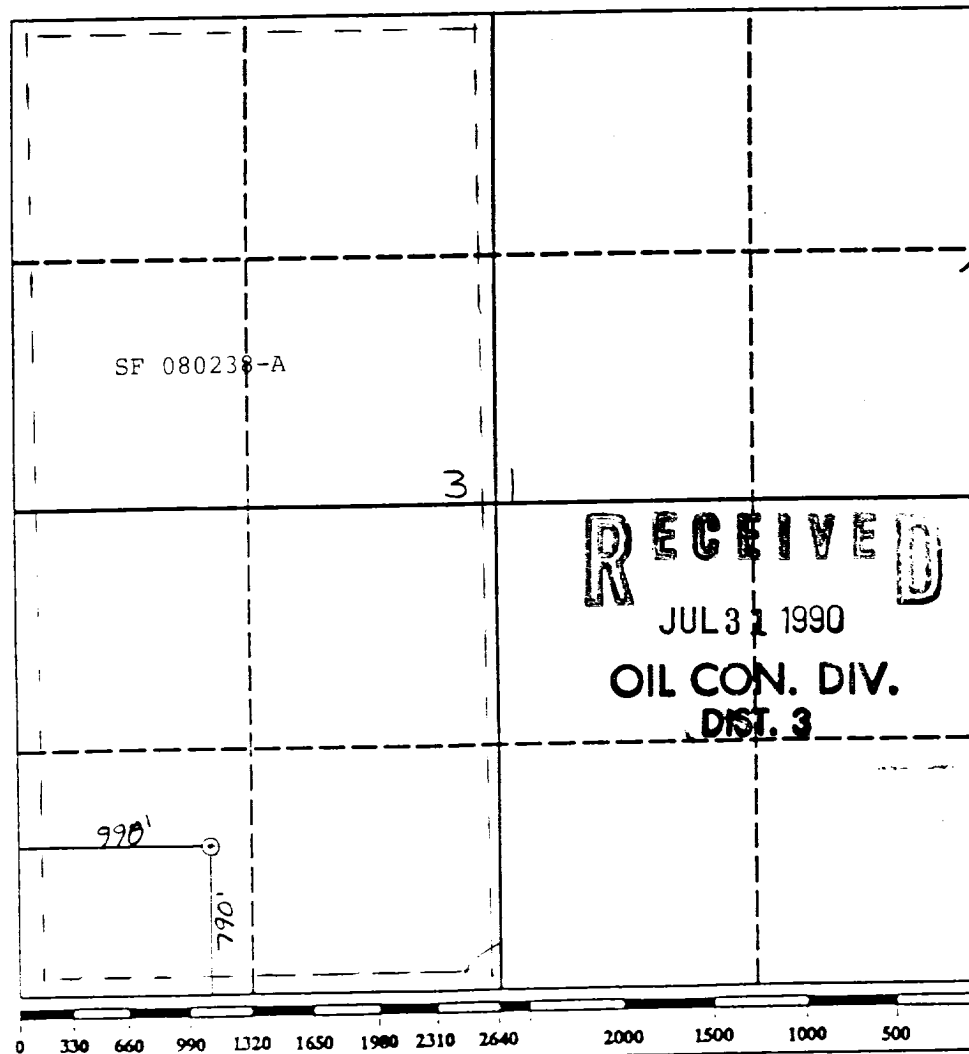
Date Surveyed

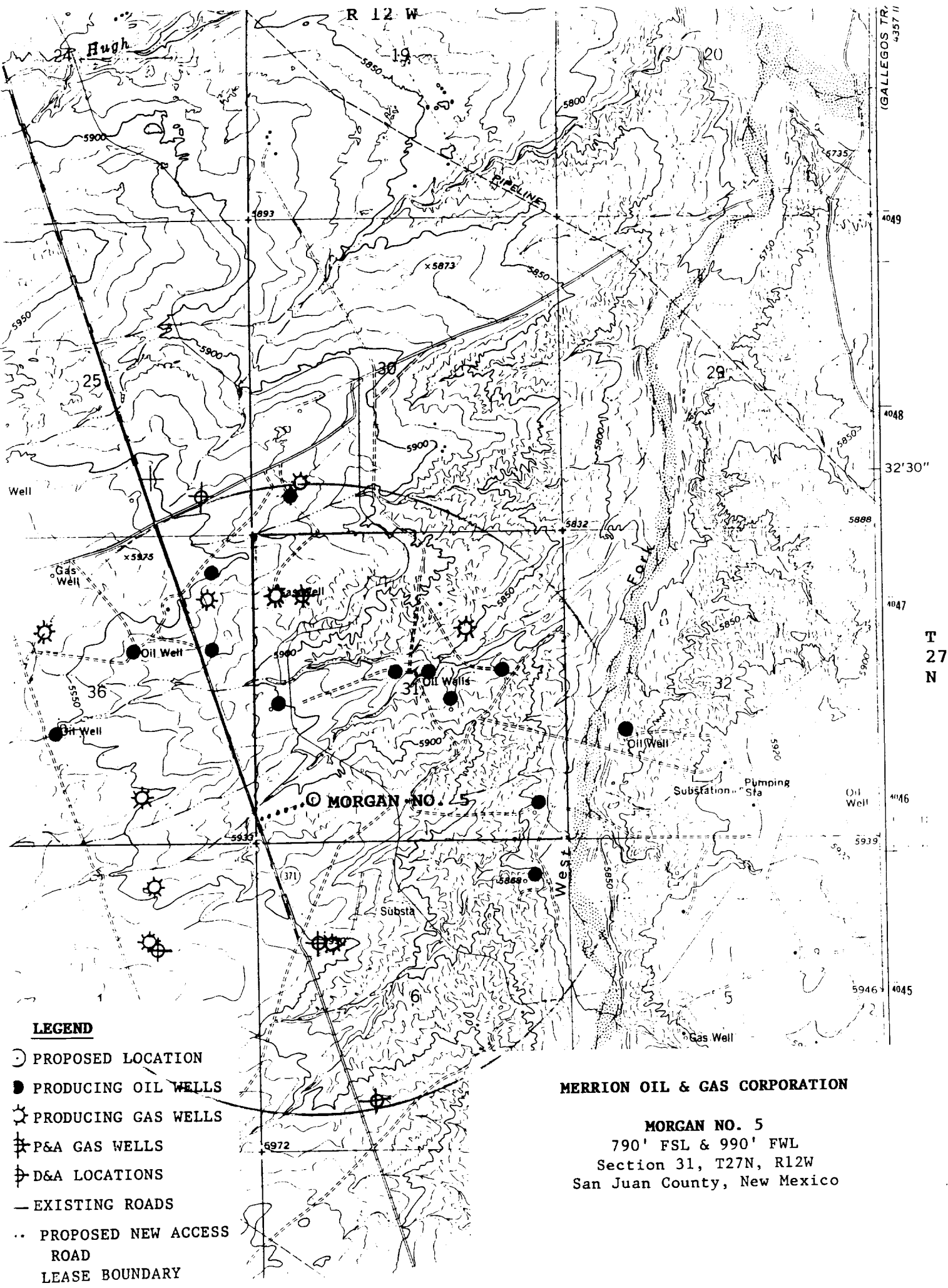
**Roy A. Rush**

Signature & Seal of  
Professional Surveyor

Certificate No.

**8894**





**MERRION OIL & GAS CORPORATION**

**MORGAN NO. 5**  
790' FSL & 990' FWL  
Section 31, T27N, R12W  
San Juan County, New Mexico