

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

1850' FSL & 1850' FWL (NESW)

At proposed prod. zone

1805

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

20 miles South of Farmington, New Mexico

10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1850'

16. NO. OF ACRES IN LEASE

2227.60

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320 W/314.21

18. DISTANCE FROM PROPOSED\*

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

1600'

19. PROPOSED DEPTH

1090'

20. ROTARY OR CABLE TOOLS

Rotary

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

6,115' 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 "GENERAL REQUIREMENTS"
9-3/4"	7"	20 lb/ft	100'	50 sx (59 cu.ft.)
6-1/4"	4-1/2"	10.5 lb/ft	1090'	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 1,090 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

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

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

of old 0-104 for pool change  
for Topaco Flow Test. #10 (C)  
\*See Instructions On Reverse Side

NMOCD

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D.C. 20540

# 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

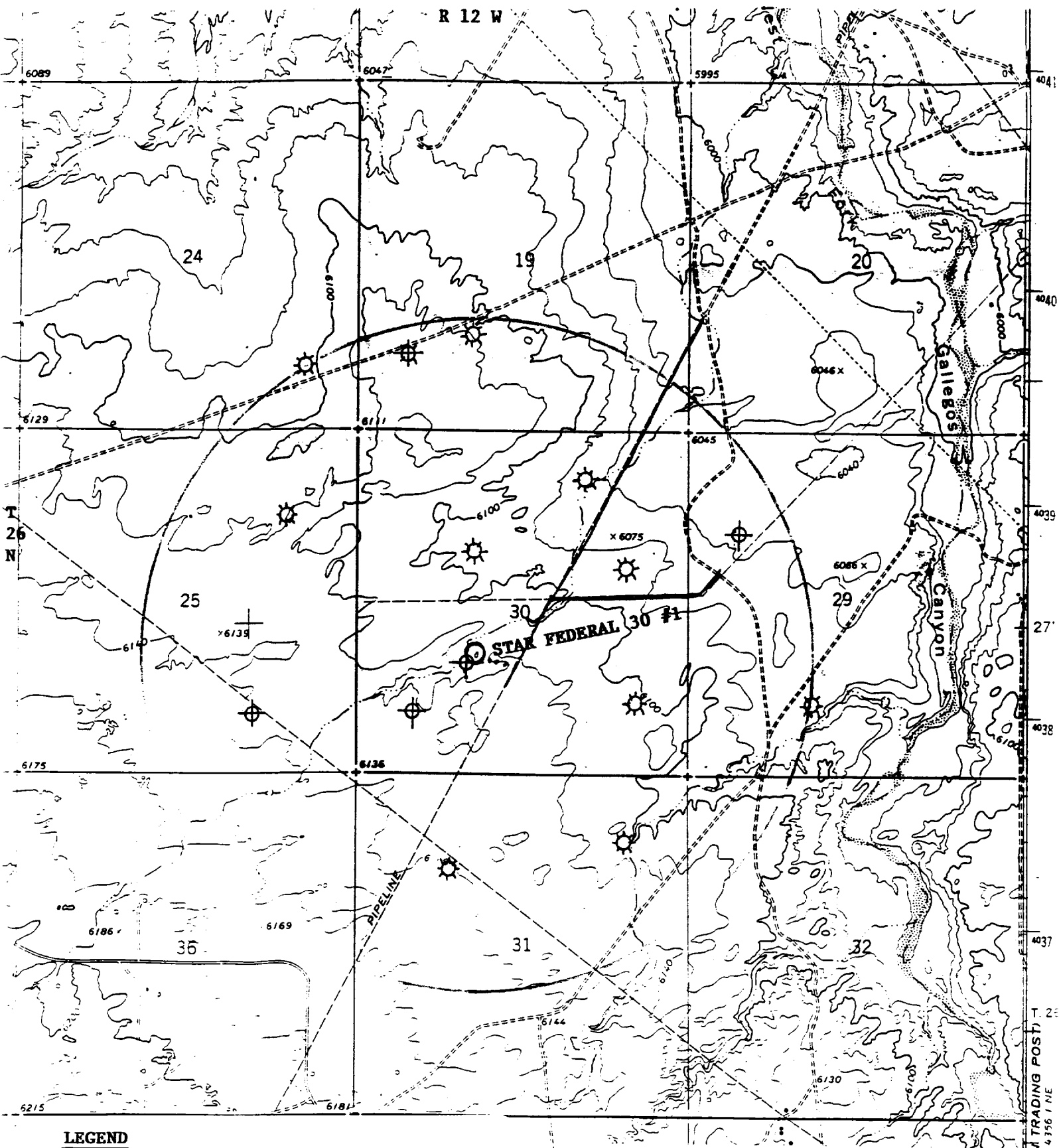
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

## 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>Star Federal 30</b>		Well No. <b>1</b>
Unit Letter <b>K</b>	Section <b>30</b>	Township <b>26N</b>	Range <b>12W</b>	County <b>NMPM</b>	<b>San Juan</b>
Actual Footage Location of Well: <b>1850</b> feet from the <b>South</b> line and <b>1850</b> feet from the <b>West</b> line					
Ground level Elev. <b>6115'</b>	Producing Formation <b>Fruitland</b>		Pool <b>Basin Fruitland</b>		Dedicated Acreage: <b>320</b> Acres
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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.?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>					
<p>NM0560223</p> <p>79.22 CH</p> <p>1850'</p> <p>79.33 CH</p> <p>1850'</p> <p>0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0</p>			<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Steven S. Dunn</i> Printed Name: <b>Steven S. Dunn</b> Position: <b>Operations Manager</b> Company: <b>Merrion Oil &amp; Gas Corp.</b> Date: <b>6/4/90</b>		
			<b>SURVEYOR CERTIFICATION</b> 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: <b>6-02-90</b> Signature: <b>Roy A. Rush</b> Signature & Seal of Professional Surveyor: <i>Roy A. Rush</i> Certificate No.: <b>8894</b> Professional Land Surveyor: <b>8894</b>		





**LEGEND**

- PROPOSED LOCATION
- ⊙ PRODUCING GAS WELLS
- ⊕ P&A GAS WELL
- ⊕ D&A LOCATIONS
- EXISTING ROADS
- .... PROPOSED NEW ACCESS ROAD
- LEASE BOUNDARY

**MERRION OIL & GAS CORPORATION**

**STAR FEDERAL 30 NO. 1**  
 1850' FSL & 1850' FWL  
 Section 30, T26N, R12W  
 San Juan County, New Mexico

