

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

31-639-23351

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work		7. Unit Agreement Name	
2. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Rita	
3. Name of Operator Merrion Oil & Gas Corporation		9. Well No. 5	
4. Address of Operator P. O. Box 1017, Farmington, New Mexico 87499		10. Field and Pool, or Wildcat Counselors Gallup	
5. Location of Well UNIT LETTER M LOCATED 890 FEET FROM THE South LINE NO. 760 FEET FROM THE West LINE OF SEC. 5 TWP. 23N RGE. 6W NMPM		12. County Rio Arriba	
19. Proposed Depth 5730'		19A. Formation Gallup	
20. Rotary <del>XXXX</del> 0 - TD			
21A. Kind & Status Plug. Bond Nationwide		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start Winter/spring, 1984			

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	8-5/8"	24#/ft	200'	170 sx	Surface
7-7/8"	4-1/2"	10.5#/ft	5730'	875 sx	Above Ojo Alamo

Propose to drill 12-1/4" hole to 200 ft. Set 200 ft. of 8-5/8" 20#/ft. new surface casing with 175 sx Class B, 2% CaCl<sub>2</sub>. Will drill 7-7/8" hole to TD and run open hole logs. If logs appear productive, will run 4-1/2", J-55, 10.5#/ft. new casing to TD and 2 stage cement. 1st stage 175 sx Class H, 2% Gel. to cover Gallup. Stage tool below Point Lookout @ 4650' est. 2nd stage 600 sx Class B with 2% D-79 followed by 100 sx Class H 2% Gel. Will bring cement above Ojo Alamo. Drilling mud will be low water loss gel, fresh water, starch. Will perforate and frac as necessary. Blowout prevention equipment will be 10" 900 series double ram.

## ESTIMATED TOPS

Ojo Alamo	1407	Lewis	2130
Kirtland	1572	Mesa Verde	3530
Fruitland	1860	Mancos	4447
Pictured Cliffs	1990	Gallup	5280

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DEC - 7 1983

OIL CON. DIV.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Alan A. L... Title Operations Manager Date 12/6/83

(This space for State Use)

APPROVED BY Frank J. Clary TITLE Assistant Director DATE DEC 7 1983

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
DEC 7 1983  
SUBMITTED

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENT

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

Operator: MERRION OIL & GAS CORPORATION		Lease RITA		Well No. 5
Init Letter M	Section 5	Township 23N	Range 6W	County Rio Arriba
Actual Footage Location of Well: 890 feet from the South line and 760 feet from the West line				
Ground Level Elev: 6820	Producing Formation Gallup	Pool Counselors Gallup	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

Sec.		5	
760	890'	Fee	

Scale: 1"=1000'

## CERTIFICATION

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

Name

Steve S. Dunn

Position

Operations Manager

Company

Merrion Oil &amp; Gas Corporation

Date

12/6/83

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

December 1, 1983

Registered Professional Engineer  
and Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950