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30039-23352

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
E-1207-1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DEEPEEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				7. Unit Agreement Name	
2. Name of Operator Merrion Oil & Gas Corporation				8. Farm or Lease Name Enchilada	
3. Address of Operator P. O. Box 1017, Farmington, New Mexico 87499				9. Well No. 1	
4. Location of Well UNIT LETTER B LOCATED 860 FEET FROM THE North LINE AND 1825 FEET FROM THE East LINE OF SEC. 16 TWP. 23N RGE. 6W NMPM				10. Field and Pool, or Wildcat Counselors Gallup	
12. County Rio Arriba				20. Rotary <input checked="" type="checkbox"/> TD	
19. Proposed Depth 5760'		19A. Formation Gallup		22. Approx. Date Work will start Winter/spring, 1984	
21. Elevations (Show whether DF, RT, etc.) 6856' GL		21A. Kind & Status Plug. Bond Nationwide		21B. Drilling Contractor Unknown	

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"	20#/ft.	200	170 sx	Surface
7-7/8"	4-1/2"	10.5 #/ft	5760	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 170 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	1434	Lewis	2159
Kirtland	1600	Mesa Verde	3559
Fruitland	1884	Mancos	4474
Pictured Cliffs	2019	Gallup	5310

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ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE 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 Arthur S. Sub Title Operations Manager Date 12/6/83

(This space for State Use)  
APPROVED BY Frank J. Long TITLE Assistant Director DATE DEC 7 1983

CONDITIONS OF APPROVAL, IF ANY:

JUNE 7 1984  
CONTRACTED  
MAY BE SUBMITTED

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

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

Operator <b>MERRION OIL &amp; GAS CORPORATION</b>			Lease <b>ENCHILADA</b>		Well No. <b>1</b>
Unit Letter <b>B</b>	Section <b>16</b>	Township <b>23N</b>	Range <b>6W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>860</b> feet from the <b>North</b> line and <b>1825</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6856</b>	Producing Formation <b>Gallup</b>		Pool <b>Counselors Gallup</b>		Dedicated Acreage: <b>160</b> 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.		860'	1825'
		E-1207+1	
16		RECEIVED DEC - 7 - 1983 OIL CONSERV. DIV.	

Scale: 1"=1000'

## CERTIFICATION

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

*Steve S. Dunn*  
Name  
Steve S. Dunn  
Position  
Operations Manager  
Company  
Merrion Oil & 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  
11/30/83  
Registered Professional Engineer and Land Surveyor  
*Fred B. Kerry Jr.*  
Fred B. Kerry Jr.  
Certificate No. 44, KERN, N.M.  
3950