## STATE OF NEW MEXICO NERGY AND MINERALS DEPARTMENT

DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.	T	
LAND OFFICE		
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## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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W MEXICO 87501	5A. Indicate Type of Lease
	STATE PEE X
31-139-2335/	.5. State Oil & Gas Lease No.

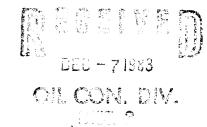
OPERATOR							IIIIII		UU
	N FOR PE	RMIT TO	DRILL, DEEPEN	OR PLUG BA	ACK				
. Type of Work						The state of the s	7. Unit Agre	ement Name	7777
Type of Well DRILL X	]		DEEPEN		PLUG B	ACK -	8. Form or L	.ease Name	
OIL X GAS WELL	OTH	ER		SINGLE X	MULT	ZONE	Rit	a	
Name of Operator							9. Well No.		
Merrion Oil & Gas	Corporat	ion					5		
Address of Operator			* '				10. Field om	d Pool, or Wildcat	
P. O. Box 1017, Fa	armington	, New M	exico 87499				Cou	nselors Gall	up.
Location of Well UNIT LETT	ER M		890	FEET FROM THE	South	LINE			
o 760 FEET FROM	τ <sub>ηε</sub> West	LIN	E OF SEC. 5	TWP. 23N	AGE. 6W	NMPM			
						111111	12. County Rio Arri	.ba	
				19. Proposed Dep 5730 '		A. Formation Gallup		20. Rotary <b>***</b>	
Elevations (Show whether DF 6820 GL	, RT, etc.)	Natio	1	21B. Drilling Con Unknown	atractor			Date Work will store / Spring, 1984	
PROPOSED CASING AND CEMENT PROGRAM									
SIZE OF HOLE	SIZE OF	CASING	WEIGHT PER FOO	T SETTING	DEPTH	SACKS OF	CEMENT	EST. TOP	

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 <b>'</b>	170 sx	Surface
<u>7-7/8"</u>	4-1/2"	10.5#/ft	5730 <b>'</b>	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%  $CaCl_2$ . 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
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Ojo Alamo	1407	Lewis	2130
Kirtland	1572	Mesa Verde	3530
Fruitland	1860	Mancos	4447
Pictured Cliffs	1990	Gallup	5280



ABOVE SPACE DESCRIBE PROPOSED PROGRAM ZONE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.	M: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESEN	T PRODUCTIV	E ZONE AND PROPOSED NEW PRODU	J (
reby certify that the information above is true and	complete to the best of my knowledge and belief.			
ed At 1.V	Tule Operations Manager	Date	12/6/83	
(This space for State Use)				_
PROVED BY Should Change	- TITLE - TO NOTE TO THE TOTAL			
DITIONS OF APPROVAL, IF ANY:	July 1984	ATE.		
	CHARLED CONTRACTOR			

## STATE OF NEW MEXICO

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Form C-107 kevised 10-1-78

RGY AND MINERALS DEPARTMENT All distances must be from the cuter houndaries of the Section. Well No. Геаве )perator. RITA MERRION OIL & GAS CORPORATION County Range Section Township Jnit Letter Rio Arriba 6W 23N Actual Footage Location of Well: 760 West feet from the 890 South feet from the line and Dedicated Acreage: Producing Formation Ground Level Elev: Counselors Gallup 6820 Gallup 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? If answer is "yes," type of consolidation Yes 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. CERTIFICATION I hereby certify that the information contained herein is true and complete to the besit of my knowledge and belief. Steve S. Position Operations Manager Merrion Oil & Gas Corporation Date Sec. 12/6/83 I hereby certify that the well location shown on this plat was plotted from field 5 nates 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 760 890 Fee

Scale: 1"=1000'