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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

30-039-22883

Form O-101
Revised 12-81

5A. Indicate Type of Lease	
STATE ☐	FEE ☒
6. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Rita	
9. Well No.	
2	
10. Field and Pool, or Wildcat	
W/Lybrook Gallup	
12. County	
Rio Arriba	
19. Proposed Depth	19A. Formation
5600' KB	Gallup
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DE, RT, etc.)	21A. Kind & Status Plug. Bond
6773 GL	
21B. Drilling Contractor	21. Approx. Date Work will start
Young Drilling	Feb. 3, 1982

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	
b. Type of Well	
DRILL ☒	DEEPEN ☐
OIL WELL ☒	GAS WELL ☐
OTHER ☐	
2. Name of Operator	
Merrion Oil & Gas Corporation	
3. Address of Operator	
P. O. Box 1017, Farmington, New Mexico 87401	
4. Location of Well	
UNIT LETTER	LOCATED
O	980
FEET FROM THE	
South	
LINE	
AND	1820
FEET FROM THE	
East	
LINE OF SEC.	5
TWP.	23N
RGE.	6W
NMPM	
19. Proposed Depth	
5600' KB	
19A. Formation	
Gallup	
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DE, RT, etc.)	
6773 GL	
21A. Kind & Status Plug. Bond	
21B. Drilling Contractor	
Young Drilling	
21. Approx. Date Work will start	
Feb. 3, 1982	

22.

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'	175 sx	Surface
7-7/8"	4-1/2"	10.5 #/ft.	5710'	500 sx	Above Ojo Alamo

Propose to drill 12-1/4" hole to 200 ft., set 200 ft. 8-5/8" 20 #/ft. new surface casing w/175 sx Class 'B' 2% CACL₂. Will drill 7-7/8" hole to TD and run open hole logs. If logs appear productive will run 4-1/2" K-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 @ 4430' est. 2nd stage 500 sx Class 'B' w/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	1375'	Lewis	2100'
Kirtland	1545'	Mesa Verde	3500'
Fruitland	1825'	Mancos	4420'
Pictured Cliffs	1960'	Gallup	5041'

TOTAL DEPTH 5600'

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. 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 [Signature] Title Operations Manager Date 1/19/82

(This space for State Use)

SUPERVISOR DISTRICT # 3

APPROVED

JAN 20 1982

APPROVED BY [Signature] TITLE Supervisor DATE 1/20/82

CONDITIONS OF APPROVAL, IF ANY:

DRILLING C. REARDED,

EXPIRES

July 20, 1982

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2988
SANTA FE, NEW MEXICO 87501Form O-107
Revised 10-1-78

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

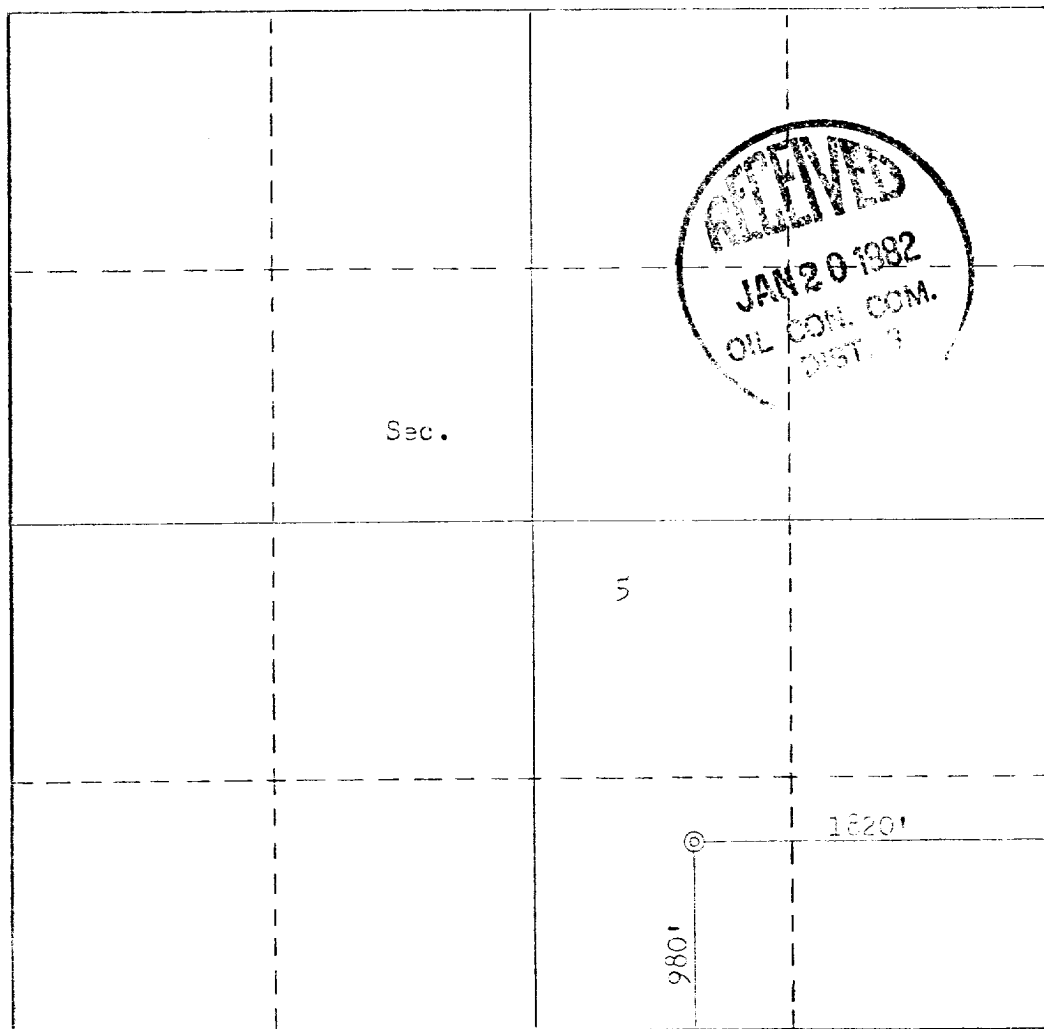
Operator MERRION OIL & GAS COMPANY			Lease RITA		Well No. 2
Unit Letter 0	Section 5	Township 23N	Range 6W	County Rio Arriba	
Actual Footage Location of Well: 980 feet from the South line and 1520 feet from the East line					
Ground Level Elev. 6773	Producing Formation Gallup		Pool Iybrook Gallup		Dedicated Acreage: 40 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.



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 & Gas Corp.

Date
1/19/82

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

January 1982

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600