

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
5. State Oil & Gas Lease No.
LG 3496

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ 2. Name of Operator Merrion Oil & Gas Corporation 3. Address of Operator P. O. Box 840, Farmington, New Mexico 87499 4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1850</u> FEET FROM THE <u>North</u> LINE AND <u>790</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>2</u> TWP. <u>25N</u> RGE. <u>9W</u> MPMR 10. Proposed Depth 6890' 11A. Formation Gallup/Dakota 12. County San Juan 13. Nature of Well Rotary 14. Approximate Date Work will start Fall, 1985		7. Unit Agreement Name 8. Name of Lessee Name Yucca Com 9. Well No. 1 10. Field and Pool, or Wildcat Dufers Point Gallup Dakota 11. County San Juan
21A. Kind & Status Fluid. Bond Statewide 21B. Drilling Contractor 22. Approx. Date Work will start Fall, 1985		

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" J-55	24 #/ft.	200'	175 sx Class B	(206.5)
7-7/8"	4-1/2", J-55	10.5 #/ft.	6890'	620 sx (1193.2 cu. ft.)	

Propose to drill 12-1/4" hole to 200' and set 200' of 8-5/8", 24 #/ft. surface casing with 175 sx. Class B 3% CaCl₂ (206.5 cu. ft.). Will drill 7-7/8" hole to TD and run open hole logs. If appears productive, will run 4-1/2", 10.5 #/ft, J-55 casing to 6890' and cement 1st Stage with 450 sx Class H, 2% gel to cover Gallup and Dakota. Second Stage with tool at 4754' with 165 sx Class B, 2% D-79 (927 cu. ft.) followed by 50 sx Class H 2% gel (61 cu. ft.) to cover Mesaverde. Third Stage tool at 2274' with 70 sx Class B 2% D-79 (144.2 cu. ft.) followed by 50 sx Class H, 2% gel (61 cu. ft.) to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo. Will perforate and stimulate as necessary. 10" 900 series Double Ram preventers will be used in drilling. Drilling fluid is gel starch, fresh water.

RECEIVED
NOV 01 1985
OIL CON. DIV.
DIST. 3

APPROVAL EXPIRES 5-5-86
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.
Estimated tops on back.

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 PLUG BACK 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 10/30/85

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH TITLE GEOLOGIST DISTRICT #3 DATE NOV 04 1985
CONDITIONS OF APPROVAL, IF ANY: