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NEW MEXICO OIL CONSERVATION COMMISSION

30-039-23/39

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E 29137

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"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator Merrion Oil & Gas Corporation		8. Farm or Lease Name Canyon Largo Unit	
3. Address of Operator P. O. Box 1017, Farmington, New Mexico 87499		9. Well No. 321	
4. Location of Well UNIT LETTER A LOCATED 790 FEET FROM THE North LINE AND 790 FEET FROM THE East LINE OF SEC. 32 TWP. 25N RGE. 6W NMPM		10. Field and Pool, or Wildcat Devils Fork Gallup Assoc	
12. County Rio Arriba		160	
19. Proposed Depth 6375' KB		19A. Formation Gallup	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 6788' GL	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor Bayless Drilling	
22. Approx. Date Work will start Early 1983			

23.

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	
7-7/8"	4-1/2"	11.6 #/ft.	6375'	875 sx	

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% 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 @ 5050' KB est. 2nd stage 600 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. Blow-out prevention equipment will be 10" 900 series double ram.

ESTIMATED TOPS

APPROVAL DATES: 7/13/83 Ojo Alamo
UNTIL CEMENT IS COMMENCED Pictured Cliffs
SPUD CHECK MUST BE SUBMITTED Mesa Verde
WITHIN 10 DAYS Gallup

1900'
2580'
4100'
5951'

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JAN 13 1983

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 Alan S. L. Title Operations Manager Date 1/4/83

(This space for State Use)

APPROVED BY Frank J. Chang TITLE SUPERVISOR DISTRICT #3 DATE 1/11/83

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-76

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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

Operator Merrion Oil and Gas Corporation			Lease Canyon Largo Unit		Well No. 321
Unit Letter A	Section 32	Township 25N	Range 6W	County Rio Arriba	
Actual Footage Location of Well: 790 feet from the North line and 790 feet from the East line					
Ground Level Elev. 6788	Producing Formation Gallup		Pool Devils Fork Gallup Assoc. Ext.		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		790'	
		790'	
State Lease		32	
		E 29137 OIL CON. I DIST. 3	

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
1/4/83

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 28, 1982

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.

Certificate No. **3950**

Scale: 1"=1000'

1:62,500
INAGLE 121

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

107°30'
36°22'30"

276000m E

277

33 MI. TO N. MEX. 17

27°30'

4028000m N

