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 NEW MEXICO OIL CONSERVATION COMMISSION
 DIST. 3
 FEB 8 1983
 GEOLOGICAL SURVEY
 FARMINGTON, N. M.

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. LG 1916	
7. Unit Agreement Name	
8. Farm or Lease Name Roadrunner	
9. Well No. 1	
10. Field and Pool, or Wildcat Dufes Point Gal-duk	
12. County San Juan	
19. Proposed Depth 7200'	19A. Formation Dakota
20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 7241 GL	21A. Kind & Status Plug. Bond
21B. Drilling Contractor Undesignated	
22. Approx. Date Work will start 2nd Quarter, 1983	

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"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator Merriion Oil & Gas Corporation	
3. Address of Operator P. O. Box 1017, Farmington, New Mexico 87499	
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1850</u> FEET FROM THE <u>North</u> LINE AND <u>1660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>24N</u> RGE. <u>8W</u> NMPM	
19. Proposed Depth 7200'	
19A. Formation Dakota	
20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 7241 GL	
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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"	24 #/ft.	200'	175 sx	Surface
7-7/8"	4-1/2"	11.6 #/ft.	7150'	795 sx.	Above Ojo Alamo

Propose to drill 12-1/4" hole to 200' and set 200' of 8-5/8", 24 #/ft, surface casing with 175 sx. Will drill 7-7/8" hole to TD, and run open hole logs. If appears productive, will run 4-1/2", 11.6 #/ft casing to 7200' and cement 1st Stage with 450 sx Class H 2% Gel to cover Gallup and Dakota. Second Stage with tool @ 5100' with 165 sx Class B, 2% D-79 followed by 50 sx Class H 2% gel to cover Mesa Verde. Third Stage tool @ 2650' with 70 sx Class B 2% D-79 followed by 50 sx Class H 2% gel 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.

ESTIMATED TOPS

Ojo Alamo	1800'	Cliffhouse	3570'	Greenhorn	6730'
Kirtland	1925'	Menefee	3600'	Graneros	6910'
Fruitland	2340'	Pt. Lookout	4880'	Dakota	7010'
Pictured Cliffs	2550'	Mancos	5100'	TD	7200'
Lewis	2645'	Gallup	5945'		

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 A. [Signature] Title Operations Manager Date 2/7/83

(This space for State Use)

SUPERVISOR DISTRICT # 3

APPROVED BY [Signature] TITLE APPROVING ENGINEER DATE 2/10/83

CONDITIONS OF APPROVAL, IF ANY:

COMMENCED.
 FILE SUBMITTED

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

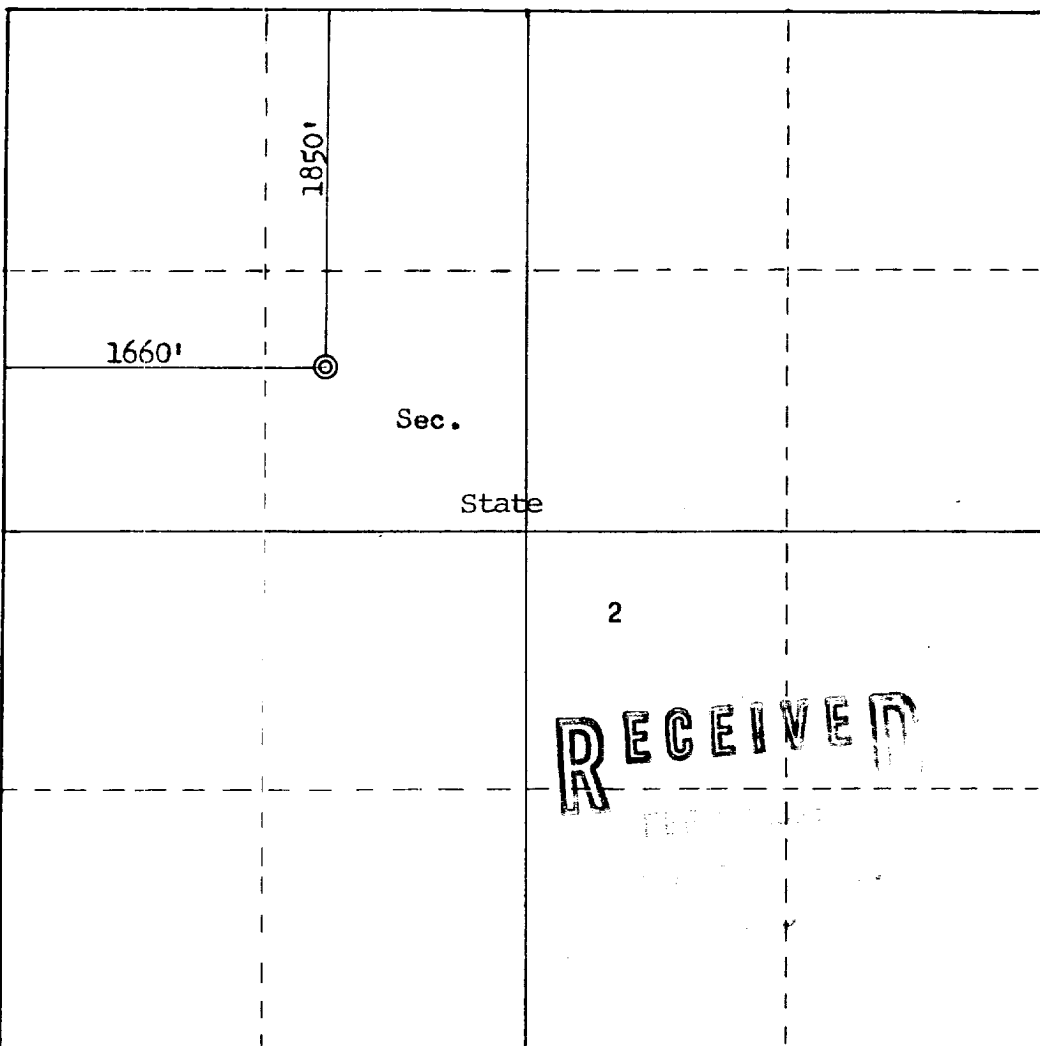
Operator MERRION OIL & GAS CORPORATION			Lease ROADRUNNER		Well No. 1
Unit Letter F	Section 2	Township 24N	Range 8W	County San Juan	
Actual Footage Location of Well: 1850 feet from the North line and 1660 feet from the West line					
Ground Level Elev. 7241	Producing Formation Dakota		Pool Dufers Point Gallup Dakota		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.



Scale: 1"=1000'

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 Corporation

Date

12/16/82

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

December 13, 1982

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

