

Re-submission of previously approved APD.

Form 3331 C
(Mar. 1963)

SUBMIT IN TRIPLICATE*

(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1017, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 1850' FSL and 790' FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12 miles South of Cuncelors

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 790

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 2640

19. PROPOSED DEPTH

5720

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6424 GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

Winter 1985 (Jan/Feb)

23. "GENERAL REQUIREMENTS" CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 2901

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8"	24 #/ft.	200	175 sx.
7-7/8"	4-1/2"	11.6 #/ft.	5720	1025 sx.

Will drill 12-1/4" surface hole to 200 ft. and set 200 ft. of 8-5/8", 24 #/ft J-55 grade casing with 175 sx (361 cu. ft.) Class B cement with 3% CaCl₂. Will drill 7-7/8" hole to 5720'. Will run open hole logs. No other testing planned. If well appears productive, will run 5720' of 4-1/2", 11.6 #/ft. J-55 grade casing and stage cement. First stage will cement with 225 sx (275 cu. ft.) Class H 2% gel (1.22 cu. ft/sk yield) cement to cover Gallup interval from TD. Estimated top of cement is 5000'. Will set stage collar at approximately 4420', below Point Lookout Formation. Second Stage will cement with 700 sx (1442 cu. ft.) Class B 2% D-79, (2.06 cu. ft/sk yield) cement followed by 100 sx (122 cu. ft.) Class H 2% gel cement to cover Mesaverde, Chacra, Pictured Cliffs, Fruitland and Ojo Alamo. Estimated top of cement is 400 ft.

Drilling circulating medium will be low solids, non-dispersed, low water loss mud using bentonite, starch, CMC, and fresh water.

Minimum specifications for pressure control is 10" 900 series Double Ram Blowout Preventer. Will perforate and stimulate as required for completion.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

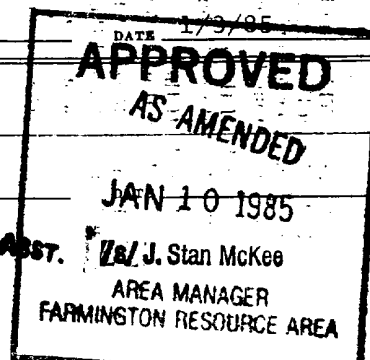
24. SIGNED [Signature] TITLE Operations Manager

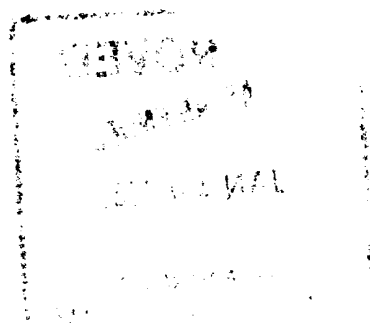
(This space for Federal or State office use)

APPROVAL DATE

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE





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

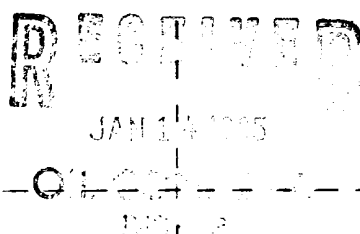
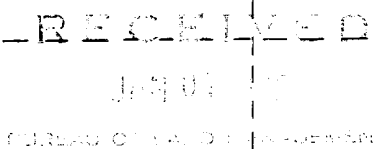
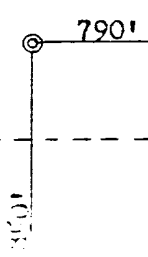
Operator MERRION & SHELLESS Oil & Gas Corp.			Lease CANYON LARGO UNIT		Well No. 307
Unit Letter I	Section 11	Township 24N	Range 6W	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the South line and 790 feet from the East line					
Ground Level Elev: 6424	Producing Formation Gallup	Pool Devils Fork Gallup Assoc		Dedicated Acreage: 160 Acres	

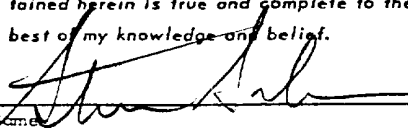
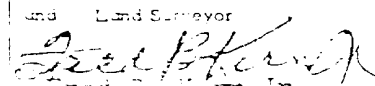
- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated 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.		11	
			

<p align="center">CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> 	
Name	Steve S. Dunn
Position	Operations Manager
Company	Merrion Oil & Gas Corp.
Date	1/3/85
<p>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.</p>	
Date Surveyed	Jan 3, 1985
<p>Surveyed by _____ and _____ Land Surveyor</p>  <p>Fred B. Kerr Jr.</p>	

Canyon Largo Unit #307
1850' FSL & 790' FEL
Section 11, T24N, R6W

