

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 840' FEL

At proposed prod. zone Same

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

Approximately 15 miles South of Farmington

10. DISTANCE FROM PROPOSED*

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

840'

18. DISTANCE FROM PROPOSED LOCATION*

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

50'

16. NO. OF ACRES IN LEASE

160'

17. NO. OF ACRES ASSIGNED

TO THIS WELL
160'

19. PROPOSED DEPTH

1235'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5951' GL
DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

April, 1983

23. "GENERAL REQUIREMENTS"
PROPOSED CASING AND CEMENTING PROGRAMThis action is subject to administrative
appeal pursuant to 30 CFR 290.
QUANTITY OF CEMENT

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-3/4"	7"	20 #/ft	90'	25 sx. (29.5 cu. ft.)
6-1/4"	4-1/2"	9.5 #/ft	1150'	150 sx (183 cu. ft.)

Will drill 9-3/4" hole to 90 ft. and set 90 ft. of 7", 20 lb., J-55 casing with 25 sx (29.5 cu. ft.) cement. Will drill 6-1/4" hole to 1150 ft. and run 1150 ft. of 4-1/2", 9.5 lb. J-55 casing and cement with 150 sx (183 cu. ft.) Class H and 2% D-79. No abnormal pressures nor temperatures are anticipated. Circulating medium will be clear water, natural mud and water loss control additives. Will drill out with air to test Fruitland zone to 1235 ft. If necessary, will run Gamma Ray-Neutron Logs. Will run 2-7/8" slotted liner from 1145' to TD. Blowout preventer schematic drawing attached. The gas from this formation is dedicated.

ESTIMATED TOPS

Alluvium	Surface
Ojo Alamo	30'
Kirtland	180'
Fruitland	975'

RECEIVED

APR 6 1983

OIL CON. DIV.

DIST. 3

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

TITLE Operations Manager

DATE 2/11/83

(This space for Federal or State office use)

APPROVED
AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APR 05 1983
JAMES F. SIMS
DISTRICT ENGINEER

NMCCG

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

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

Operator MERRION OIL & GAS CORP.		Lease HICKMAN		Well No. 812
Unit Letter I	Section 3	Township 26N	Range 12W	County San Juan
Actual Footage Location of Well: 1850 feet from the South line and 840 feet from the East line				
Ground Level Elev. 5951	Producing Formation Pictured Cliffs	Pool So. Gallegos Fruitland - PC	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.

RECEIVED APR 6 1983 OIL CON. DIV. DIST. 3		RECEIVED FEB 15 1983 U. S. GEOLOGICAL SURVEY ENERGY RESOURCES DIV.	
Sec.		3	
		840'	
		1850'	
		SF 080384-B	

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Steve S. Dunn

Name
Steve S. Dunn
Position
Operations Manager
Company
Merrion Oil & Gas Corporation
Date
2/11/83

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
January 7, 1983
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certificate No. **1050**

