

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

1720' FSL and 1750' FWL

At proposed prod. zone

Same

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

13 miles North of Counselors, New Mexico

15. DISTANCE FROM PROPOSED*

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

1750

18. DISTANCE FROM PROPOSED LOCATION*

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

1200'

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

6561' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8"	23 #/ft, J-55	200	170 sk (350.2 cu. ft.) Class B
7-7/8"	4-1/2"	10.5 #/ft, J-55	4755	925 sk

Will drill 12-1/4" surface hole to 200 ft. and set 200 ft. of 8-5/8", 23 #/ft, J-55 grade casing with 170 sk Class B cement with 3% CaCl₂. Will drill 7-7/8" hole to 4755 ft. Will run open hole logs. No other testing during drilling is planned. If well appears productive will run 4755' of 4-1/2" 10.5 #/ft, J or K-55 grade casing to TD. Will cement with 700 sk Class B 2% D-79, yield 2.06 cu. ft/sk (1442 cu. ft.) cement followed by 225 sk Class H 2% gel, 1.22 cu. ft/sk. yield (275 cu. ft.) cement to cover Mesaverde, Chacra, Pictured Cliffs, Fruitland and Ojo Alamo. Estimated top of cement is at the surface. Drilling circulating medium will be low solids, non-dispersed, low water loss mud using Bentonit starch, CMC, and fresh water.

Minimum specifications for pressure control is 10" 900 series double ram blowout preventer. Will perforate the Mesaverde 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

TITLE Operations Manager

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY

SEP 25 1984
OIL CON. DIV.
DIST. 3

NMOCC

5. LEASE DESIGNATION AND SERIAL NO.

SF 078877

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Canyon Largo Unit

8. FARM OR LEASE NAME

Canyon Largo Unit

9. WELL NO.

349

10. FIELD AND POOL, OR WILDCAT

Devils Fork Mesaverde

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 8, T24N, R6W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

This action is subject to administrative
appeal pursuant to 30 CFR 290.

APPROVED

AS AMENDED

SEP 21 1984

DATE

Stan McKee

AREA MANAGER
FARMINGTON RESOURCE AREA

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2048

Form C-107
Revised 10-1

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

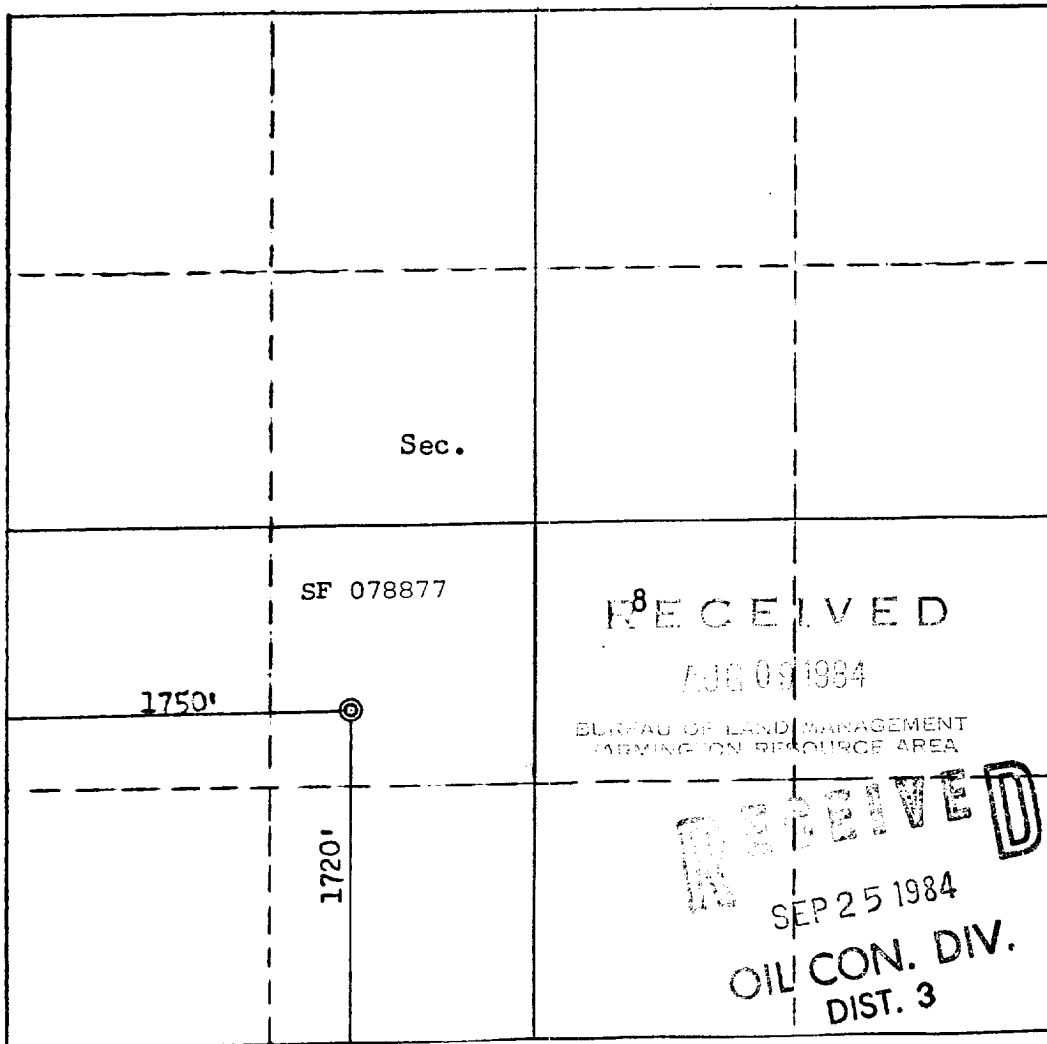
Operator MERRION OIL & GAS CORPORATION		Lease Canyon Largo Unit		Well No. 349
Unit Letter K	Section 8	Township 24N	Range 6W	County Rio Arriba
Actual Footage Location of Well: 1720 feet from the South line and 1750 feet from the West line				
Ground Level Elev: 6561	Producing Formation Mesaverde		Pool Devils Fork Mesaverde	Dedicated Acreage 40 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.



Scale: 1"=1000'

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

7/26/84

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

July 20, 1984

Registered Professional Engineer
and Land Surveyor

Fred E. Kerr Jr.
Fred E. Kerr Jr.

Certificate No.

2050

