

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 14654

3. ADDRESS OF OPERATOR

P. O. Box 840, Farmington, New Mexico 87499

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

At surface

1850' FSL & 1850' FEL (NWSE)

At proposed prod. zone

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

± 17 miles South of Counselors, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

790'

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. PROPOSED DEPTH

6020'

20. ROTARY OR CABLE TOOLS

Rotary

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

6,712 GR

22. APPROX. DATE WORK WILL START*

September 15, 1992

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8", J55	36#/ft	240'	150 sxs
8-3/4"	7", J55	23#/ft	6020'	740 sxs (2 stages)

We propose to drill 12-1/4" surface hole to 240 ft and set 240 ft of 9-5/8", 36#, J-55 surface casing with 150 sx Class B (177 cu.ft.) 2% CaCl₂. Will wait on cement 10 hrs, press test to 600 psi for 15 minutes. Will drill 8-3/4" hole to 6020 ft. Will run open hole logs. If well appears productive, we will run 6020 ft of 7", 23#, J-55 casing and cement 1st Stage with 290 sx (597 cu.ft.) Class B, 2% Sodium Metasilicate (yield 2.06 cu.ft./sx), followed by 75 sx (92 cu.ft.) Class H with 2% gel (yield 1.22 cu.ft./sx). Will circulate 3-4 hrs between stages. Second stage tool in Mancos at ± 2660'. Will cement with 275 sx (567 cu.ft.) Class B, 2% Sodium Metasilicate (yield 2.06 cu.ft./sx), followed by 100 sx (122 cu.ft.) Class H with 2% gel (yield 1.22 cu.ft./sx). Estimated top of cement is at the surface. We will perforate and stimulate as necessary to test the potentially productive intervals.

Additional drilling technical details are attached.

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

Steven S. Dunn

TITLE Operations Manager

DATE JULY 31, 1992

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDEDOIL CON. DIV.
DIST. 3

*See Instructions On Reverse Side

SEP 08 1992

AREA MANAGER

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

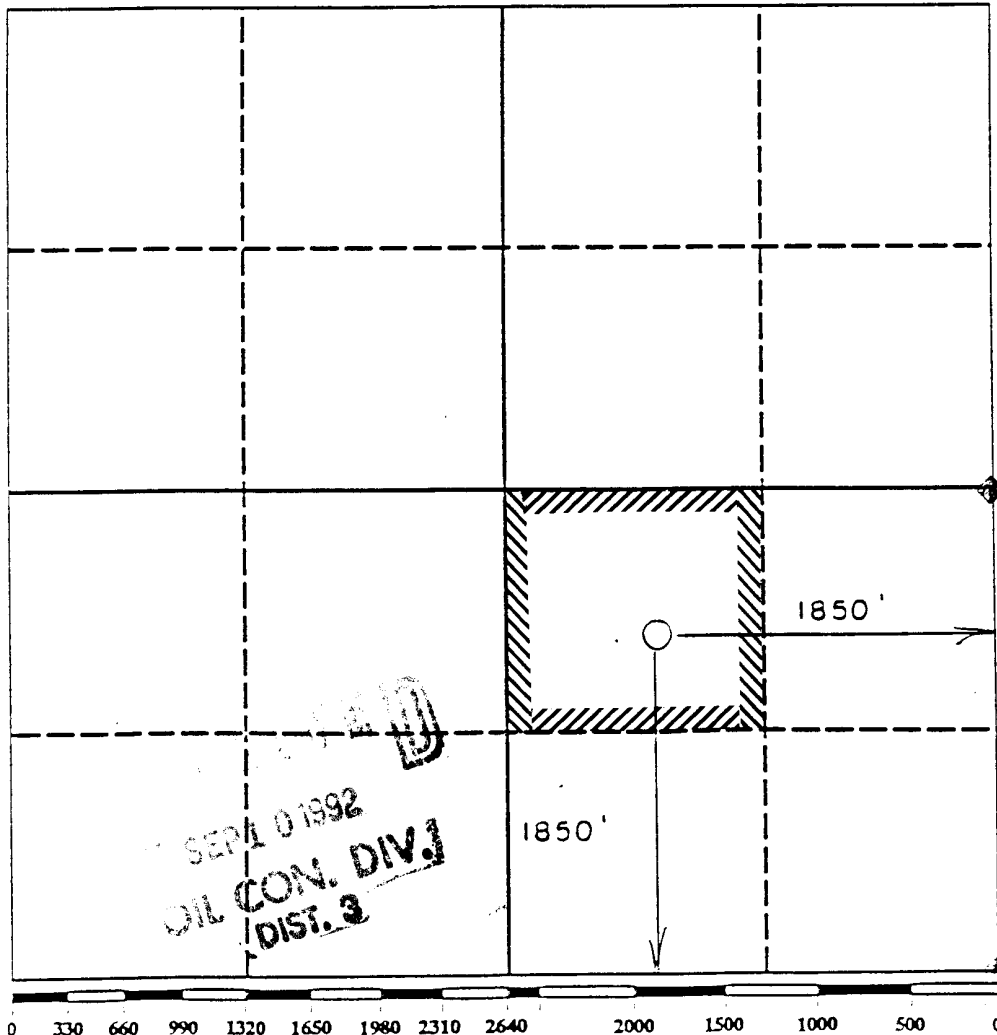
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MERRION O & G			Lease CHACO WASH			Well No. Chaco Wash #1		
Unit Letter J	Section 13	Township 20 N.	Range 6 W.	County Mc Kinley		NMPM		
Actual Footage Location of Well: 1850 feet from the South line and 1850 feet from the East line								
Ground level Elev. 6712'		Producing Formation ENTRADA		Pool WILDCAT		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 interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature _____
Printed Name
STEVEN S. DUNN
Position
OPERATIONS MGR.
Company
MERRION OIL & GAS
Date _____

SURVEYOR CERTIFICATION

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 _____
Signature & Seal of Professional Surveyor
CEG H. HUDDLESTON
6844
Certificate No.
6344

CHACO WASH NO. 1
1850'fs1 &1850'fe1 (NESE)
Section 13, T20N, R6W
McKinley County, New Mexico

CHACO WASH NO. 1

1850'fs1 & 1850'fe1 (NESE)

Section 13, T20N, R6W

McKinley County, New Mexico

CHACO/ WASH NO. 1

2. SCHOOL

MERRION OIL & GAS CORPORATION

CHACO WASH NO. 1

1850' fs1 & 1850' fe1 (NESE)

Section 13, T20N, R6W

McKinley County, New Mexico

