

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work

DRILL ☒ Re-enterDEEPEN ☐

b. Type of Well

Oil Well ☐Gas Well ☐Other ☒

SWD

Single Well ☒Multiple Zone ☐

2. Name of Operator

Merrion Oil & Gas Corporation

3. Address and Telephone No.

610 Reilly Ave Farmington NM 87401
ph: (505) 327-9801

4. Location of Well (Footages)

At Surface 1840' FNL & 880' FEL (se ne)

At proposed prod. zone

14. Distance in Miles and Directions from Nearest Town or Post Office

5 Miles north of La Plata, NM Post Office

15. Distance from Proposed Location to Nearest
(Also to nearest drig. unit line, if any)

Property or Lease Line, Ft 590'

16. No. of Acres in Lease

2510.66 acres

17. No. of Acres Assigned to This Well

320 acres

18. Distance from Proposed Location to Nearest Well Drilling, Completed, or Applied for, on this Lease, FT

228'

19. Proposed Depth

2600'

20. Rotary or Cable Tools

ROTARY

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

5960' GR

This action is subject to technical and

procedural review pursuant to 43 CFR 3165.1-1

and appeals pursuant to 43 CFR 3165.1-5. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10-3/4" In Place		225'	150 sx; to surface
7-7/8"	5-1/2" J55	15.5 LB	2600' approx
			462sx; to surface

Merrion proposes to re-enter and drill a 7-7/8" hole through cement plugs in the existing wellbore with fresh water to approx 2600'. Will tag plug at \pm 3350' and set 5-1/2" casing from 2600' to surface, cementing to surface with 462 sx 'B' (545 cuft). Perforate 2276'-82', 2290'-2300', 2315'-30', 2340'-51', 2354'-60', 2420'-70', 4 spf. Swab test to assure no gas in zone. Frac perfs with slick water and 50,000# 20/40 sand. Set injection packer at 2220' KB on 2 3/8" tubing. Circulate packer fluid down casing/tubing annulus. Perform mechanical integrity test, witnessed by NMOCD. Drilling operations below surface casing will be conducted with a double ram type BOP in place, min. working pressure 1000 psig. Additional drilling technical details attached.

NOTIFY AZTEC OCD
IN TIME TO WITNESS24 hours
CTP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal to deepen, give present productive zone and proposed new productive zone.

COPIES: BLM+6, WELL FILE+1

24. I hereby certify that the foregoing is true and correct

Signed

Connie S. Dinning Title Contract Engineer

Date November 5, 1997

(This space for Federal or State office use)

Permit No.

Approval Date

DEC 7 1997

Application approval does not warrant or certify that applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any:

APPROVED BY:

/S/ Duane W. Spencer

TITLE

DATE

DEC - 7 1998

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

97 NOV -6 PM 3:18

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-11367		2 Pool Code 96160		3 Pool Name SWD; Mesaverde		
4 Property Code		5 Property Name JONES			6 Well Number 1	
7 OGRID No. 014634		8 Operator Name MERRION OIL & GAS CORPORATION			9 Elevation 5960'	

10 Surface Location

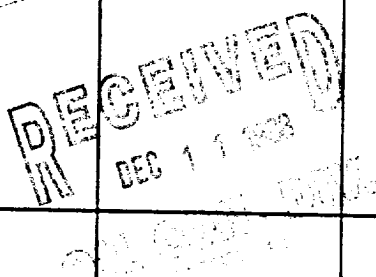
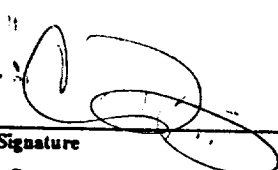
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	22	32N	13W	SENE	1840	north	880	east	San Juan

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16					17 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 Connie Dinning Contract Engineer	
					Title 11/5/97 Date	
					18 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 belief.	
					Date of Survey	
					Signature and Seal of Professional Surveyor:	
					Certificate Number	

