

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 ☒DEEPEN ☐

b. Type of Well

Oil Well ☐Gas Well ☒Other ☐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 790' fsl & 790' fwl (sw sw)

At proposed prod. zone

5. Lease Designation and Serial No.
SF-080384B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Hickman A No. **A3** 7803

9. API Well No.

30-045-29685

10. Field and Pool, or Exploratory Area
Basin Fruitland

71629

11. Sec., T., R., M., or BLK.
and Survey or Area

Section 10, T26N, R12W

12. County or Parish
San Juan13. State
NM

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

20 miles south of Farmington, New Mexico

15. Distance from Proposed Location to Nearest Property or Lease Line, Ft

790'

16. No. of Acres in Lease

957.92 acres

17. No. of Acres Assigned to This Well

S/320 acres

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

700'

19. Proposed Depth

1390'

20. Rotary or Cable Tools

Rotary

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

6074' GR; 6079' RKB

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

22. Anticipated Date Work will Start

August, 1997

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE & GRADE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-3/4"	7" J55	23 ppf	120'	75 sx (89 cuft)
6-1/4"	4-1/2" J55	10.5 ppf	1390'	156 sx (254 cuft)

Merrion proposes to drill 9-3/4" hole with native mud to approx 120' and set 7" surface casing cementing to surface with 75 sx 'B' w/ 2% CaCl₂ (89 cuft). Will drill 6-1/4" hole to TD @ approx 1390' with native mud. Run open hole surveys. Will set 4-1/2" 10.5 # J55 production casing from TD to surface. Will cement in single stage with 25 sx 'B' (29 cuft) lead slurry followed by 81 sx 'B' w/ 2% SMS (166 cuft) and tail in w/ 50 sx 'B' (59 cuft). Top of Cement circulated to surface.

Will test Fruitland Coal perforated casing. Will Fracture stimulate and put on beam pump for production test. 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.

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

RECEIVED
BLM
JUL -9 PM 1:42
670 FARMINGTON, NM

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

COPIES: BLM+4, WELL FILE+1

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

Signed

Steven S. Dunn

Title Drilling & Prod Manager

Date July 7, 1997

(This space for Federal or State office use)

Permit No.

Approval Date

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:

TITLE

DATE

NMOC

NEW YORK
JAN 10 1912

ADOLPH W. BLOOM
& CO.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RECEIVED
BLM

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29685		Pool Code 71629	Pool Name 070 FARMINGTON, NM Basin Fruitland
Property Code 7803	Property Name Hickman A #2		Well Number 3
OGRID No. 014634	Operator Name MERRION OIL & GAS		Elevation 6074'

¹⁰ Surface Location

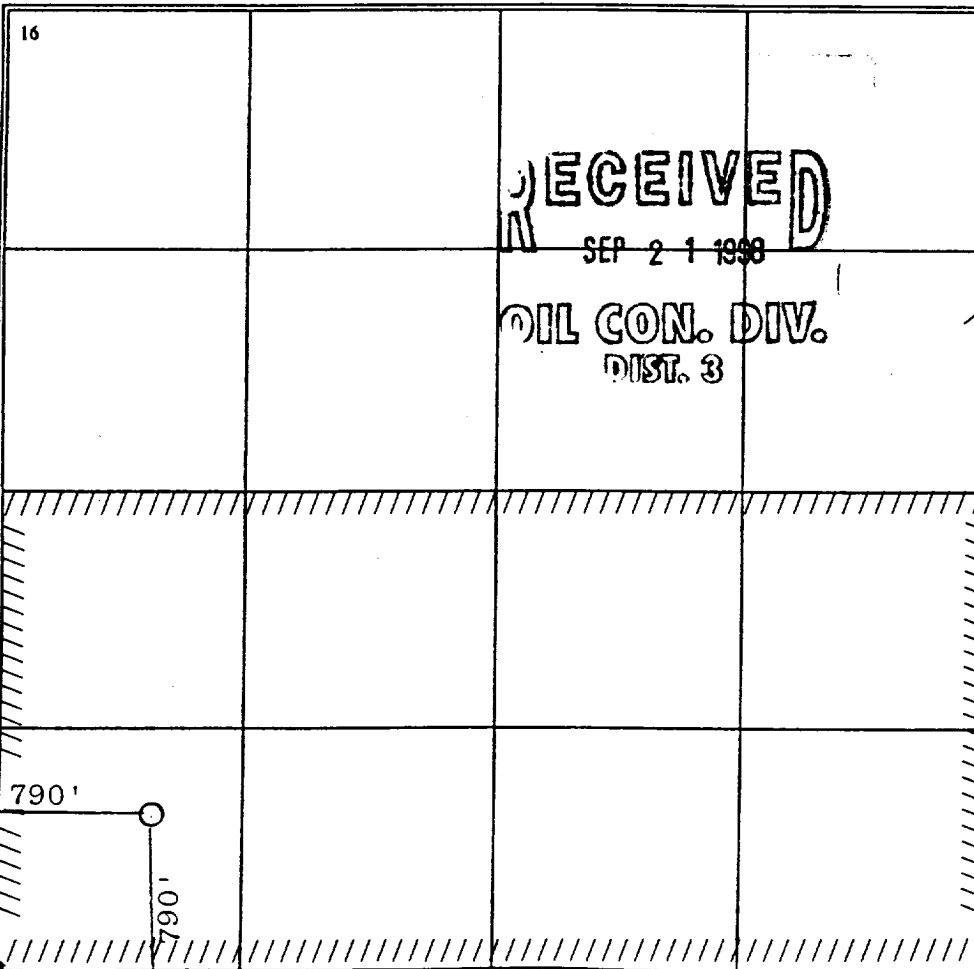
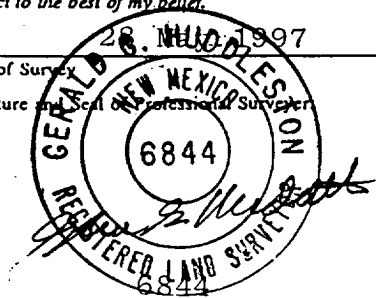
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	10	26N	12W	SWSW	790	South	790	West	San Juan

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 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 	<p>RECEIVED SEP 21 1998 OIL CON. DIV. DIST. 3</p>	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Steven S. Dunn Printed Name Drlg & Prod Manager Title 7/08/97 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 28. JUL 1997 Signature and Seal of Professional Surveyor  Certificate Number

RECEIVED
JAN 17 1964
FBI - NEW YORK
JAN 17 1964

