

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

5. Lease Designation and Serial No.  
SF-081028-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
CA in Progress8. Well Name and No.  
Serendipity No. 3 78419. API Well No.  
30-045-2968610. Field and Pool, or Exploratory Area  
Basin Fruitland 71629Sec., T., R., M., or BLK.  
and Survey or Area

Section 26, T26N, R13W

County or Parish  
San Juan13. State  
NM

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 &amp; Gas Corporation 14634

3. Address and Telephone No.

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

4. Location of Well (Footages)

At Surface 1500' fsl &amp; 900' fwl (nw sw)

At proposed prod. zone Same

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

23 miles south of Farmington, New Mexico

15. Distance from Proposed Location to Nearest

Property or Lease Line, Ft 900'

16. No. of Acres in Lease

160 acres

17. No. of Acres Assigned to This Well

11/320 acres

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

none

19. Proposed Depth

1368'

20. Rotary or Cable Tools

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

6212' GR and 6217' RKB

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

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"  
September, 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'	45 sx (53 cuft)
6-1/4"	4-1/2" J55	10.5 ppf	1368'	155 sx (253 cuft)

Merrion proposes to drill 8-3/4" hole with native mud to approx 120' and set 7" surface casing, cement to surface with 45 sx 'B' w/ 2% CaCl<sub>2</sub> 53 cuft). Will drill 6-1/4" hole to TD @ approx 1368' KB 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 80 sx 'B' w/ 2% SMS (253 cuft) and tail in with 50 sx 'B' (59 cuft). Top of Cement circulated to surface.

Will test Fruitland Coal through perforated casing. Will fracture stimulate and put on beam pump or compressor lift for production test. Drilling operations below surface casing will be conducted with a double ram type BOP in place, minimum working pressure 1000 psig. Additional drilling technical details attached.

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 &amp; Prod Manager Date July 10, 1997

(This space for Federal or State office use)

Permit No.

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.

Approval Date

APPROVED BY:

TITLE

DATE

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

97 JUL 24 PM 2:04 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number 30-045-29686		2 Pool Code 71629		3 Pool Name Basin Fruitland	
4 Property Code 1841		5 Property Name Serendipity # 3			6 Well Number # 3
7 OGRID No. 014634		8 Operator Name MERRION OIL & GAS			9 Elevation 6212'

10 Surface Location

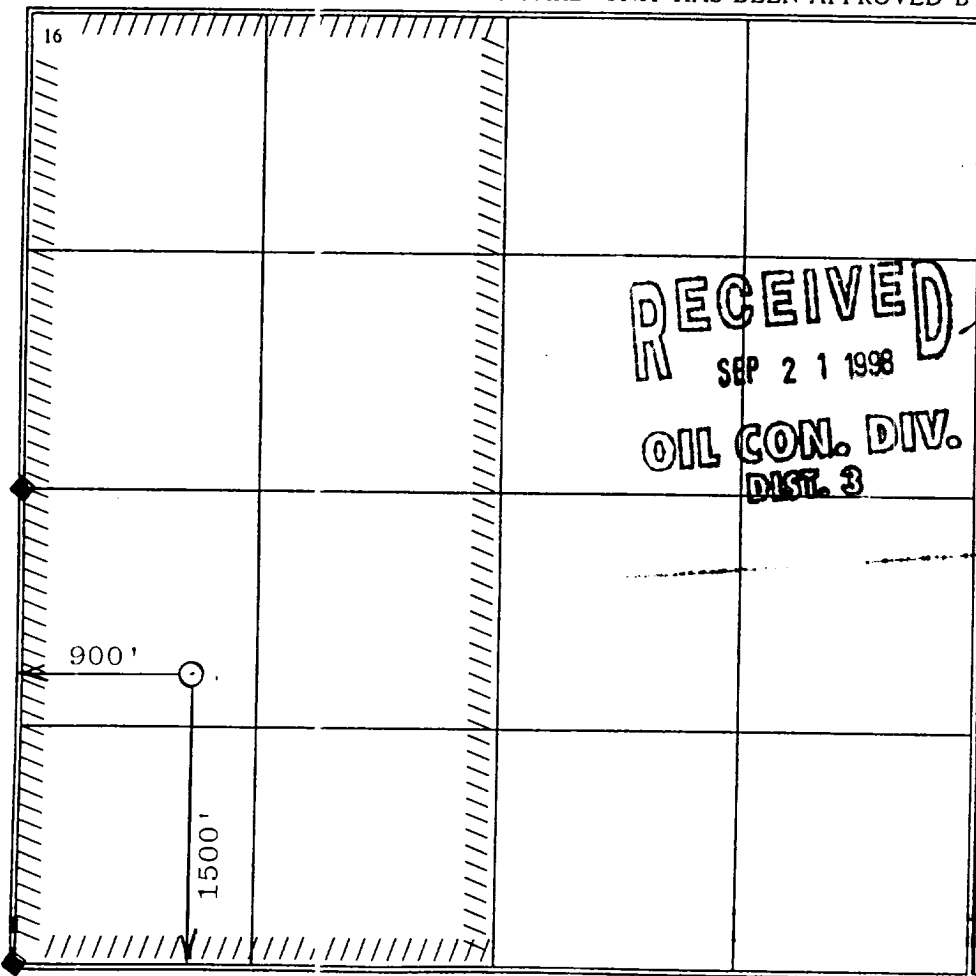
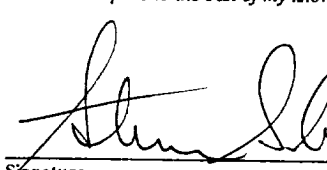
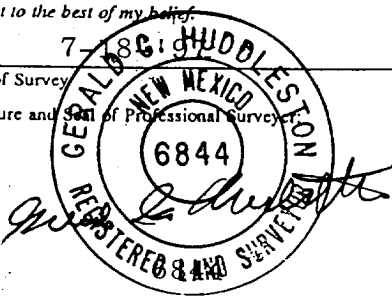
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	26	26 N	13 W	NWSW	1500	South	900	West	San Juan

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 In Ill	14 Consolidation Code	15 Order No. In Progress
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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

	<p>16</p>	<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 Drig & Prod Manager Title 7/23/97 Date	
			18 SURVEYOR CERTIFICATION Thereby 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.  7-18618 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number	

**Merrion Oil & Gas Corporation**

### Serendipity No. 3

1500' fs & 900' fwp (nw-swt)

Section 26, T26N R13W NMPM  
San Juan County, New Mexico

**T26N**

Serendipity No. 3

SF081028-A

Harlow 21

**R13W**

# R12W