

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
BLMFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 19935. Lease Designation and Serial No.
N00-C-14-20-5377

6. If Indian, Allottee or Tribe Name

Navajo Allotted

7. If Unit or CA, Agreement Designation

Papers Wash Unit

8. Well Name and No.

PWU H No.4

9. API Well No.

30-031-20503

10. Field and Pool, or Exploratory Area

Papers Wash Entrada

11. Country or Parish, State

McKinley County,
New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

96 AUG 13 AM 11:27
070 FARMINGTON, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Merrion Oil & Gas Corporation

3. Address and Telephone No.

610 Reilly Avenue, Farmington, NM 87401-2634 (505) 327-9801

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2310' fsl & 990' fw1 (NWSW)
Section 15, T19N, R5W NMPM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☒ Other Drlg Horizontal well.☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

7/21-22/96 MIRU.

7/23/96 Run Directional Survey tool. RU. PU drill pipe and drill collars. TOH. TIH with casing mill. Ran GR-Correlation log.

7/24/96 TD @ 4876'. Mill 7" casing from 4796' to 4876', circ. MW 8.6, Visc. 46. At 4847' - 78°S, 106°E.

7/25/96 TD @ 4841'. TIH, mix 50 sx cement plug from 4876' to 4550'. Reverse out 25 sx cement at 4679'. TOH. TIH. With 6-1/4" mill tooth bit, drill cement 4715' to 4841'/KOP.

7/26/96 TD 5006'. Made 165' in 12-3/4 hrs. MW 8.6, Visc. 42. TIH with horizontal drilling tools 2.25" motor. Bit #1, 6-1/4", Reed, EHP62A, SN RT2241, made 165' in 12-3/4 hrs.

7/27/96 TD @ 5181'. Made 175' in 23 hrs. MW 8.6, Visc. 42. Bit #1 made 340' in 35-3/4 hrs

*** CONTINUED OTHER SIDE ***

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

Signed Steven S. Dunn Title Operations ManagerDate 7/12/96

(This space for Federal or State office use)

Approved by _____ Title _____
Conditions of approval, if any:

ACCEPTED FOR RECORD

Date

AUG 14 1996

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.

FARMINGTON DISTRICT OFFICE

NMOC

BY

7/28/96 TD @ 5240'. Made 59' in 13-1/2 hrs. MW 8.5, Visc. 45. Bit #1 made 383' in 42-1/2 hrs. TOH. TIH with 2.25" motor and bit. Bit #2, 6-1/4", Reed, EHP62A, SN RT2442, made 16' in 6 hrs.

7/29/96 TD @ 5357'. Made 117' in 23-1/2 hrs. MW 8.5, Visc. 46. Bit #2 made 133' in 29-1/2 hrs.

<u>MD</u>	<u>INCL</u>	<u>AZ</u>	<u>TVD</u>	<u>Direction</u>
5334'	73.9°	208.1°	5187.1°	315°S 73°W

7/30/96 TD @ 5357'. Made 14' in 3 hrs. MW 8.5, Visc. 52. Bit #2 made 147' in 32-1/2 hrs. Made two short trips. TOH with 17 jts (695') of 4-1/2", 11.6#, J-55 liner, set at 5361'. Liner hanger set at 4665'. Cemented with 125 sxs Class 'G' cement. Bumped plug at 2:40 am. Reversed out 30 sx cement. Pulled 10 stands. Pressured up to 500 psi, held for 2 hrs. TOH. Top of Entrada at 5370'. Projected TVD 5195'.

7/31/96 TD @ 5371'. TIH. drill cement and shoe from 5336' to 5371'. TOH. TIH with Bit #3, Hughes, 3-7/8", STR30, SN-P88XN.

8/01/96 TD @ 5573'. Made 202' in 22-1/2 hrs. MW 8.6, Visc. 40. Bit #3 made 202' in 22-1/2 hrs.

8/02/96 TD @ 5638'. Made 65' in 9 hrs. MW 8.6, Visc. 40. Bit #3 made 267' in 31-1/2 hrs.

8/03/96T TD @ 5638'. TIH with 112 jts of 3-1/2" tubing, set at 3360'. Swabbed 398 bbls fluid in 13 hrs. FL 300'-2400'. Made 61 runs, depth 1000'-3350'. Oil cut 5 to 10%. Last 5 hrs, swabbed 165 bbls fluid. FL at 2400'. Run depth 3350'. Made 26 runs, oil cut 5-10%.

8/04/96 TD @ 5638'. Made 10 swab runs, 55 bbls fluid, FL @ 2400'. Run depth 3350'. Oil cut 5%. TOH with 3-1/2" tbg. TIH with Bit #4, Hughes 3-7/8", STR 30. SN R73XC. Made 203' in 8-1/2 hrs. MW 8.5, Visc. 39.

8/05/96 TD @ 6110'. Made 269' in 7-1/2 hrs. MW 8.5, Visc. 39. Bit #4 made 472' in 16 hrs. Displaced hole with water. LD drill string. TIH with 112 jts of 3-1/2" tubing, set at 3360'. Swabbed 80 bbls of fluid in 2 hrs. FL 500'-600', Run depth 1600'. Made 11 runs. Percentage of oil is a trace. Surveys at 6110'.

<u>MD</u>	<u>INCL</u>	<u>AZ</u>	<u>TVD</u>	<u>DIRECTION</u>
6110'	92.7°	212.9°	5234.7	962°S 489°W
5607'			5238'	564°S 209°W (Top of Entrada)
6100'			5235.2'	954°S 484°W (Top of Entrada)
5725'			5248.1'	646°S 270°W (Low Point in Lat)