

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0145
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM 53926

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Corrales

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

WC Mesaverde

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 3, T20N, R6W

12. COUNTY OR PARISH 13. STATE

McKinley

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

JAN 23 1986

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Merrion Oil & Gas Corporaiton

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.*
See also space 17 below.)
At surface

465' FSL and 2300' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6901' GL, 6909' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PCLL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) TD, Production Casing ☐

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

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

17. 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.)*

TD 3217' KB, 1/21/86.

Ran 77 joints of 5-1/2", 14 #/ft, J-55, R-3 new casing. Set casing at 3217' KB with 200 sx Class B, 2% chemical extender (412 cu. ft.). Followed by 225 sx Class H, 2% gel (274.5 cu. ft.).

Temperature survey found top of cement at 400' KB.

RECEIVED
FEB 03 1986
OIL CON. DIV.
DIST. 3

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

SIGNED

TITLE Operations Manager

DATE 1/22/86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE JAN 30 1986

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

NMOCC

MERRION OIL & GAS CORPORATION

Corrales No. 2

Sec. 3, T20N, R6W
McKinley Co., New Mexico

12/06/85

Surface inspection on the above well. No problems found and clearance was recommended for location. (JCA)

1/14/86

MIRU New Mexico Drilling Rig No. 1. Spud 1/13/86. Ran 3 joints 8-5/8", 23 #/ft, J-55 surface casing to 128' KB with 90 sx Class B 2% CaCl₂. Circulated 5 Bbls to surface. Pressure tested to 600 PSI for 30 minutes. Held.

Day 1. Current depth - 182' KB. Current operation drilling. Mud wt. 8.9, Vis. 35, Water Loss 7.

1/15/86

Day 2. Current depth - 1382' KB. Current operation - drilling. Mud weight: 8.0, Viscosity: 32, Water Loss: 8.9. Surveys: 500' - 1/4; 1015' - 1/4. (AM)

1/16/86

Day 3. Current depth - 2180' KB. Current operation - circulating. Mud weight: 9.1, Viscosity: 35, Water Loss: 8. Surveys: 1510 - 1/4; 2000 - 1/2. (AM)

1/17/86

Day 4. Current depth - 2188' KB. Current operation - Tripping in hole to ream. Mud wt. 9.3, Vis. 38, Water Loss 8.

Reached 1st core point at 5:20 AM 1/16/86. TD @ 2188' KB. Condition hole for coring. Trip in hole with core barrel and begin coring at 12:00 PM 1/16/86. Finish coring at 12:00 AM 1/17/86. Trip out of hole with core and prepare to lay core down. Core would not come out of barrel. Had to rig up rig pump and pump core out. Core came free at 700 PSI @ 4:00 AM 1/17/86. Core was scattered on location but saved. Cored 30' only recovered 20'. Trip back in hole with drillpipe. Next core point at 2520' KB. (DE)

1/18/86

Day 5. Current depth - 2188' KB. Current operation coring. Mud wt. 9.1, Vis. 35, Water Loss 9. Survey: 1510' - 1/4; 2000' - 1/2.

1/19/86

Day 6. Current depth - 2512' KB. Current operation running in hole. Mud wt. 9, Vis. 40, Water Loss 7.

1/20/86

Day 7. Current depth - 3216' KB. Current operation - Mixing Mud. Mud wt. 9.2, Vis. 60, Water Loss 7. Survey: 3004' - 3/4.

1/21/86

Start out of hole with third core at 2:00 AM 1/18/86. Lay down core, box it, and bring to core lab. Trip in hole with drillpipe and drill to TD. TD @ 3216' (KB) Driller. TD @ 3215' (KB) Logger. Rig up Welex and run IES Induction and Compensated Neutron/Density Logs. TD reached at 7:30 AM 1/20/86. (DE)

Casing TD 3217' KB.

Float collar PBTD 3174' KB.

Ran total of 77 joints 5.5" 14 #/ft, J-55, R-3, new casing from Lybrook yard. Casing detail on tomorrow's report. Cement as follows: Cement casing in single stage as follows: Western Co. mixed and pumped 200 sx Class B cement with 2% Chemical Extender, 2.06 cu. ft/sk, 12.5 #/gal. Tail in with 225 sx Class H cement, 2% gel, 1.22 cu. ft/sk, 15.6 #/gal. Shut down, wash up pump and lines. Drop plug and displace with water as follows: Lost circulation with 65 Bbls displaced. Shut down with 13 Bbls left to displace. Waited 15 minutes 4 times, pumping to check circulation. Got full circulation back after staging. 7 Bbls lost to formation. Displaced last 6 Bbls with full circulation. Pumped plug with 78 Bbls displaced and lost pressure. Pumped 1/2 Bbl. Did not get pressure back. Shut down. Float held good. Set casing in slips as cemented. Did not get cement to surface. Released New Mexico Drilling. Called for Temperature Survey. (CCM/RD)

1/22/86

Corrected casing TD - 3218' KB.

Item	Length	Depth, KB
Guideshoe	1.	3217
Shoe Joint	42.21	
Insert Float		PBTD 3173.79
76 joints 5-1/2" casing	<u>3179.73</u>	
Total String	3240.94	23.94 above KB

Total pipe - 3240.94' threads off, 77 joints of 5-1/2", 14 #/ft, J-55 MKK New Left 8 joints excess casing on location. New Mexico Drilling stacking in Lybrook Piedra Yard. (RD)