

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## 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

1. Type of Well  
Oil ☐ Well Gas ☒ Well Other ☐

2. Name of Operator

Merrion Oil &amp; Gas Corporation

3. Address and Telephone No.

610 Reilly Avenue, Farmington, NM 87401-2634

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

1850' FSL &amp; 790' FEL (NE SE)

SECTION 24, T24N, R6W

5. Lease Designation and Serial No.

SF-079086

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

CANADA MESA No. 2

9. API Well No.

30-039-20571

10. Field and Pool, or Exploratory Area

BASIN DAKOTA

11. County or Parish, State

RIO ARRIBA COUNTY,  
New Mexico

12. 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☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water(Note: Report results of multiple completion on  
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.)\*

2/4/02 Road rig from Pot Mesa #1. MIRU Professional Well Service Rig #2 on 2/4/02. Spot pump and pit. Unable to find 4<sup>th</sup> anchor.2/5/02 Wait for anchor/test truck until 0930 hrs. Set 4<sup>th</sup> anchor. RU rig and equipment. ND horse head and bridle. TOH with 84 rods (lay down remaining 158 rods onto trailer). Lay down 2"x1-1/4"x12' RHAC pump. ND WH and NU BOP. TOH with tubing. (tally on way out). PU 4-1/2" scrapper and TIH. TIH 1/2 way before running out of daylight. Will finish scrapper run in morning.

2/6/02 Finish scrapper run to 6450'. TOH, PU CIBP and TIH. Set CIPB at 6336' KB. RU pumps, lines and load hole with water. RU American Energy Services, mix and pump 12 sxs (14 cu.ft.) of Class "B" cement on top of CIBP (balanced plug). TOH, RU Blue Jet and RIH with CBL/GR. Cement quality varies (suspect micro annulus). Ran main pass under 250#. RIH with squeeze guns and perforate 2 holes at 5314' KB.

\*\*\*CONTINUED OTHER SIDE \*\*\*

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

Signed

Title Drlg &amp; Prod Manager

Date

2/26/02

Steven S. Dunn

(This space for Federal or State office use)

Approved By

Title

Date

Conditions of approval, if any:

FOR RECORD

201202



2/7/02 TIH with CIRC set at 5243'. RU American Energy Services. Establish injection rate of 1.5 BPM at 1400#. Mix and pump 50 sxs (59 cu.ft.) of Class 'B' cement. Sting out of retainer leaving 50' of cement on top of CIRC. Pull up to 3621', mix and pump 12 sxs (14 cu.ft.) of Class 'B' cement across Mesaverde top. RD and release AES. TOH, RU Blue Jet. RIH with 3-1/8" casing gun and perforate 2062'-2078' (1 SPF - total of 15 holes - EHD: 0.34"). RD and release Blue Jet. TIH with 35 stands of 2-3/8" tubing with seating nipple on bottom (seating nipple at 2110' KB). RUTS. Swabbed well down to 1200' in 15 runs. After 5 additional runs, fluid level remained at 1200'. SD for 30 min and fluid level rose to 900'. RD swab equipment and TOH. SWI, secure location and SDON. Will run packer in morning to determine if fluid inflow is from perforated interval or up hole. (WE)

2/8/02 TIH with packer and set at 1987'. RUTS. Initial fluid level was 500'. Made 7 swab runs and never got fluid level to drop. Recovered approx. 5-6 bbls of grey water on each run (last runs were gas cut). Loaded annulus and pressure tested to 300#, release packer and TOH. RU Blue Jet and perforated 2 holes at 1997'. PU CIRC, TIH and set CIRC at 2048'. Sting out of retainer and load hole. Sting into retainer and established circulation thru the Pictured Cliffs perfs and back thru the squeeze holes. RU AES and pump 40 sxs (47 cu.ft.) of Class 'B' at 3 BPM and 400#. Displaced cement with 7 bbls, sting out of retainer and cleared tubing with 1 bbl of water. TOH, PU packer and TIH to 1900'. Break circulation with water and pumped 7 bbls of cement to the bottom of the tubing. Set packer and continued pumping cement at 1.2 BPM and 400#. Pumped a total of 100 sxs (118 cu.ft.) of Class 'B'. Displaced cement with 7.25 bbls of water. Pressure increased to 1000# at 6 bbls gone but broke back to 800#. SD pressure was 700# and holding. Bled back 2 bbls released packer and pulled 5 stands. Reverse tubing clean, reset packer and pumped 2 bbls of water at 0.2 BPM and 800#. SD pressure was 600# and holding. Shut in tubing with 600#. WOC. SD for weekend.

2/9-10/02 Shut down for weekend.

2/11/02 Found well with 0#, unable to get packer to release. Pulled up to 20K over and made multiple attempts to "set down" on packer - feels like no movement on packer. SD to repair rig. RU pump and lines, attempt to pump down tubing and casing, both held 800#, released pressure. Attempted to rotate safety joint on packer, made 9 rounds on tubing at surface when tongs broke. RU swab equipment and RIH with no-go. Got down to seating nipple (which is 1 joint above packer). RD swab equipment.

2/12/02 RU Wireline Specialists and freepoint tubing. Ran freepoint tool to 1610' to check for plugged tubing. Free @ 1365', 75% free @ 1370'. Back tubing off @ 1346'. Rig down Wireline Specialists. TOH with 22 stands and 1 single of 2-3/8" tubing. PU 4 jts of washover pipe (125.61'), 6 each 3-3/32" drill collars (180.50'), TBHA = 329.66', TIH to 1000'.

2/13/02 TIH with 2-3/8" tubing and washover pipe. Tag top of fish @ 1349'. Rig up power swivel and begin washing over fish. Washing over @ 30' per hour to 1426' and slowed to 10' per hour for approx. 20' (cement appeared to be harder). Washed over tubing from 1349' to 1468'. TOH to inspect shoe and pick up more washover pipe.

2/14/02 TIH with 2-3/8" tubing and washover pipe. Rcam from 1425' to 1468'. Washed over tubing from 1468' to 1478'. Stopped drilling off at 1478'. TOH to inspect shoe. Recovered 2 joints of 2-3/8" tubing hung inside washover pipe, 175' of 2-3/8" tubing and packer still in the hole. Lay down fish and make up new shoe. TIH with 6 joints of washover pipe (190') and 6 each 3-1/16" drill collars, TIH to 1000'.

2/15/02 TIH with 2-3/8" tubing and washover pipe, washed over tubing from 1478' to 1484'. Stopped drilling off @ 1484', TOH to inspect shoe, make up new shoe. TIH with 6 joints of washover pipe (190') and 6 each 3-1/16" drill collar collars and 2-3/8" tubing. Wash over from 1484' to 1488'. Began pressuring up, TOH to drill collars.

2/16/02 TOH, laying down drill collars and washover pipe. Recovered 70' of 2-3/8" tubing inside washover pipe, Top of fish @ 1472'. Load out fishing tools, LD tubing and rods from derrick onto M&R's trailer. Left 25 stands of 2-3/8" tubing in derrick to cement with. Shut down for the weekend.

2/17-18/02 Shut down for weekend and holiday. (WE)

2/19-24/02 Well shut down - WO orders.

2/25/02 TIH with 2-3/8" tubing open ended. Tag top of fish @ 1472'. Load hole with water. Cement 1" plug from 1472' to 1372' with 12 sxs (14 cu ft) Type "B". Lay down 36 joints 2-3/8" tubing. Cement 2" plug from 370' to surface with 30 sxs (35 cu ft) Type "B" cement. Lay down 12 joints of 2-3/8" tubing. Cement to surface with 5 sxs (6 cu ft) Type "B" cement. Rig down to move. WO dry hole marker.