

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐  
well well well  
2. NAME OF OPERATOR  
Merrion Oil & Gas Corporation  
3. ADDRESS OF OPERATOR  
P. O. Box 1017, Farmington, New Mexico 87499  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1580' FNL and 1750' FWL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:  
TEST WATER SHUT-OFF ☐ ☐  
FRACTURE TREAT ☐ ☐  
SHOOT OR ACIDIZE ☐ ☐  
REPAIR WELL ☐ ☐  
PULL OR ALTER CASING ☐ ☐  
MULTIPLE COMPLETE ☐ ☐  
CHANGE ZONES ☐ ☐  
ABANDON\* ☐ ☐  
(other) TD, Well History, casing

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 6520', 2/7/84.  
Ran 4-1/2" 10.5 #/ft., set @ 6520' KB with 350 sx Class H (427 cu. ft.), 100 sx Class B (1561 cu. ft.), 100 sx Class H (122 cu. ft.)  
Circulated 5 Bbls to surface.  
Well History attached.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED John S. Sub TITLE Operations Manager DATE 2/22/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL IF ANY:

\*See Instructions on Reverse Side

5. LEASE SF 078359
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Rita Com
9. WELL NO. 4
10. FIELD OR WILDCAT NAME Undesignated, Dakota
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 8, T23N, R35W
12. COUNTY OR PARISH Rio Arriba Co
13. STATE New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) 6811

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED  
FEB 27 1984  
OIL CON. DIV.  
DIST. 3

ACCEPTED FOR RECORD  
FEB 24 1984  
FARMINGTON RESOURCE AREA  
BY 57m

MERRION OIL & GAS CORPORATION

Rita Com No. 4  
Sec. 8, T23N, R6W  
Rio Arriba Co., New Mexico

1/30/84 Move in, rig up Four Corners Drilling Rig 10. TD 230. Spud @ 5:00 PM  
1/29/84. Set 210.50' of 8-5/8" @ 223' with 175 sx 2% CaCl<sub>2</sub>. (361 cu.  
ft.) Circ. cement to top. Current operation: Waiting on cement.  
1/31/84 Day No. 2. TD 2330. Current operation drilling. Mud wt. 8.9,  
Vis. 35, Water Loss 6. Survey: 496' - 1°, 774' - 1-1/4°,  
1267' - 1/2°, 1765' - 1/2°, 1921' - 1°.  
2/1/84 Day No. 3. TD 3330. Current operation drilling. Mud wt. 9,  
Vis. 37, Water Loss 7. Survey: 2485' - 3/4°, 2877' - 1°.  
2/2/84 Day No. 4. TD 4140. Current operation drilling. Mud wt. 9, Vis. 36,  
Water Loss 6.5, Survey: 3423' - 3/4°, 3918' - 3/4°.  
1/84 Day No. 5. TD 4841. Current operation drilling. Mud wt. 9, Vis.  
35, Water Loss 6.5. Survey: 4452' - 1°.  
2/4/84 Day No. 6. TD 5370'. Current operation drilling. Mud wt. 9, Vis. 36,  
Water Loss 7.

2/5/84 Day No. 7. TD 5785'. Current operation drilling. Mud wt. 9, Vis. 36,  
Water Loss 7.

2/6/84 Day No. 8. TD 6285. Current operation drilling. Mud wt. 9.1, Vis. 43,  
Water Loss 7. Survey: 6270' 1-1/2°.

2/7/84 Day No. 9. TD 6520. Current operation: Tripping to knockout  
bridge. Mud wt. 9.2, Vis. 100, Water Loss 6.8. Survey: 6271 -  
1-1/2°. 6523 - 1/2°.

2/8/84 Day No. 10. Ran IES Induction and Compensated Density logs.  
Rig down loggers. Lay down drill pipe. Ran 4-1/2" casing  
(details to follow tomorrow). 2nd Stage plug down @ 5:30 AM.  
Circulated 4 Bbls cement to surface.

2/9/84 Long String Casing:  
Drillers TD - 6520' KB.  
Loggers TD - 6528' KB.  
Casing TD - 6520' KB.

1 FEB 7 1984

CON. DIV.]  
DIST. 3

Item	Length	Depth, KB
Guideshoe	.80	6520'
Joint #1, 4.5" casing	40.38	
Bakerline Differential Fill Float	1.72	6477.1
Joint #2 - 45, 44 joints 4.5" casing	1772.45	
Stage Tool	1.74	4702.91
Joint 46 - 162, 117 joints 4.5" casing	4716.63	
Total String	6533.72	13.72' above KB

Ran 162 joints 4.5" casing, 6529.46'

Rolled out 14 joints - transferred to Rita Com No. 5.

Circulated the last joint down. Circulated 1-1/4 hours to lower mud  
viscosity to 55 - 60 sec. vis. Rig up Cementers for 1st Stage cement.  
Rigged up Western Co. to cement 1st Stage with 350 sx Class H, 2% gel  
mixed at 15.4 #/gal. Yield 1.22 cu. ft/sk. (427 cu. ft.). 76.25 Bbls  
of slurry. Washed up pump and lines. Dropped plug and displaced with  
26 Bbls of water and 77 Bbls of mud. Total of 103 Bbls displacement.  
Plug down @ 12:15 AM 2/8/84. Bled off pressure - hld good. Dropped  
bomb. Waited 20 minutes. Opened stage tool and turned over to rig to  
circulate. 3:30 AM. Western cemented 2nd Stage with 700 sx Class B  
with 2% econofil. 12.2 #/gal. Yield of 2.23 cu. ft/sc (1561 cu. ft.)  
278 Bbls slurry. Mix and pump 100 sx Class H with 2% gel, 15.4 #/gal.  
Yield 1.22 cu. ft/sk (122 cu. ft.). 21.8 Bbl slurry. Shut down, wash  
up lines and displace with water. 1.5 Bbls over displacement. Pressure  
up to 1200 PSI. Bled back 3 Bbls @ 1,000 PSI. Displace again. Bumped  
plug @ 1.5 Bbls over displacement. 76.3 Bbls displaced. Bled pressure  
off and plug held good. Rigged down cementers. Set slips as cemented.  
Rig moving to Rita Com No. 5. Plug down @ 5:15 AM 2/8/84. Circulated  
5 Bbls good cement to surface.