

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 ☒ well gas ☐ well other ☐

2. NAME OF OPERATOR  
Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 1017, Farmington, New Mexico

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 825' FSL and 810' 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:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) PBTD ☐

SUBSEQUENT REPORT OF:

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(NOTE: Report results of multiple completion or zone change on Form 9-330.)  
SEP 23 1982

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

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.)\*

PBTD 6410' KB

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Alan Sule TITLE Operations Manager DATE 9/22/82

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_ DATE ACCEPTED FOR RECORD

SEP 23 1982

\*See Instructions on Reverse Side

NMOCC

FARMINGTON, N.M.  
BY APK

MERRION OIL & GAS CORPORATION

Salazar G Com 26-1

- 9/8/82 Move in, rig up Bayless Rig 3. Shut down overnight.
- 9/9/82 Replace flanged casing valves. Nipple up BOPS. Unset Guiberson Unipacker VI and trip out w/2-3/8" tubing as follows:
- 213 Joints 2-3/8" EUE 4.7 #/ft J-55, R-2 tubing.
  - 1 Guiberson Uni-Packer VI
  - 10 Joints 2-3/8" tail pipe as above
  - 1 perf. sub and 2-3/8" bullplug. Total 6900.23' tubing.
- Ran Depthometer and found PBID @ 6983' KB. Shut down overnight.
- 9/10/82 Rig up Schlumberger. Ran Pipe Analysis Log from 5200' KB to Surface. Holes indicated @ 4372, 4377. Load hole w/water to kill gas flow. Broke bridge plug shear stud. Ordered out new plug from Baker. Ran Gamma Ray Correlation Cement Bond Log from 6300' KB to 3800' KB. Top of cement @ 5147" KB. Trapped gas in hole affected log starting @ 5100' KB. Ran Model S cast iron drillable plug to 6600' KB and set. Rig down Schlumberger. Hydrotest tubing in to 6600' KB. Roll hole w/water. Mix 15 sx. Class B cement. Spot on bottom. Pull to 6000' KB and reverse clean. Shut in. WOCT.
- 9/11/82 Pressure tested casing. Pumped in 1/2 BPM @ 2500 PSI. ISDP 900 PSIG. Pull tubing to 4400' KB. Rig up National Cementers. Mixed 40 sx Class B 1% CaCl<sub>2</sub>. Spot @ 4400' KB. Pulled tubing to 3800' KB and reversed clean. Squeezed holes to 2500 PSIG. Pumped in 2-1/4 Bbl cement. Left 5-3/4 Bbl to drill out. Shut in. WOCT.
- 9/12/82 Shut in. WOCT.
- 9/13/82 Shut in. WOCT.
- 9/14/82 Trip in w/4-3/4" bit, casing scraper. Tag cement @ 4196' KB. Drilled out to 4400' KB. Pressure tested. Pumped in @ 2500 PSI, 1/4 BPM. ISIP 1300 PSI. Trip out. Preparing to isolate remaining hole and squeeze.
- 9/15/82 Trip in hole w/2-3/8" tubing and Model R packer. Set packer @ 4170' KB. Pressure test down tubing. Pumped into holes. Re-set packer @ 4350' KB. Pressured up on the tubing and pumped into holes. Pressure test backside to 3000 PSI, held good. Determined holes still open @ 4370' KB. Set packer @ 4400' KB. Pump down tubing 3000 PSI. Held good. Trip out of hole w/tubing and packer. Trip in hole w/2-3/8" tubing open ended to 4395' KB. Rig up National Cementers, establish circulation and spot 50 sx Class H cement w/2% CaCl. Mixed and spotted 10.5 Bbls slurry @ density of 15.6. Pull 650' of tubing and cementers reversed tubing Clean w/20 Bbls water. Shut in tubing and squeezed down the backside. Pumped 3/4 of a Bbl. Shut down, pressure @ 1000 PSI. Wait 10 minutes. Pump 1 more Bbl. and shut down. Pressure @ 2900 PSI. Shut well in rig down cementers. Shut down overnight.
- 9/16/82 Move 210 Bbl. tank off location  
Trip out of hole w/tubing. Trip in hole w/bit and casing scraper, tagged cement @ 4100' KB. Drill out cement to 4300' KB. Cement still soft. Circulate to clean up and pull off bottom. Change out gate valves on the casing. Shut down overnight.

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U. S. GEOLOGICAL SURVEY

MERRION OIL & GAS CORPORATION

Salazar G 26-1  
Sec. 26, T25N, R6W  
Rio Arriba County, New Mexico

- 9/17/82 Drill out fairly hard cement from 4296' to 4396'. Clean up well and pressure test to 3000 PSIG. Held OK. Trip in to PBTD of 6500' KB. Circulate to clean up casing. Pull up to 6250'. Rig up Western Co. Sweep hole w/10 Bbl gel plug and load w/2% KCL water w/1 gal/1000 Aquaflo. Spot 300 gal. 15% HCL across Gallup interval. Trip out w/tubing. Shut down overnight.
- 9/18/82 Rig up Blue jet to perforate 19 holes select fire. 2 gun runs as follows:  
1 hole each @ 5890' KB, 5898' KB, 5907' KB, 5917' KB, 5941' KB, 5954' KB, 5973' KB, 5976' KB, 5979' KB, 5982' KB, 6031' KB, 6063' KB, 6098' KB, 6117' KB, 6133' KB, 6210' KB, 6218' KB, 6221' KB, 6224' KB.  
Rig down Bluejet. Trip in hole with Baker Service Straddle tools (Pug Morris). Breakdown perfs in 14 settings as follows:
1. 3 holes; 6218 - 24' KB. Pump in @ 1800 PSI. ISIP none. Communicated when shut down. Pressure 0 PSI.
  2. 1 hole @ 6210' KB. Pump in @ 2100 PSI. ISIP 1000 PSI.
  3. 1 hole @ 6133' KB. Pump in @ 2200 PSI. ISIP approximately 1000 PSI. Pressure broke and communicated after pump shutdown.
  4. 1 hole @ 6117' KB. Started pumping in @ 2000 PSI and communicated.
  5. 1 hole @ 6098' KB. Pump in @ 2600 PSI. ISIP 1300 PSI. No communication.
  6. 1 hole @ 6063' KB. Pump in @ 1700 PSI. ISIP 1000 PSI.
  7. 1 hole @ 6031' KB. Pump in @ 2500 PSI. ISIP 1300 PSI.
  8. 2 holes @ 5979' and 5982' KB. Pump in @ 1800 PSI. Communicated.
  9. 2 holes @ 5973 and 5976' KB. Pump in @ 2400 PSI. ISIP 1000 PSI.
  10. 1 hole @ 5954' KB. Pump in @ 2400 PSI. ISIP 1100 PSI.
  11. 1 hole @ 5933' KB. Pump in @ 2000 PSI. ISIP 800 PSI.
  12. 1 hole @ 5917' KB. Pump in @ 1800 PSI. ISIP 900 PSI.
  13. 2 holes @ 5899' KB and 5907' KB. Pump in @ 2000 PSI. ISIP 1000 PSI.
  14. 1 hole @ 5890' KB. Pump in @ 2100 PSI. ISIP 1200 PSI.

Pull 2-3/8" tubing and Baker Service Packers. Start running 3.5" frac string w/Model R packer on bottom.

- 9/19/82 Trip in w/3-1/2" NUE N-80 R-2 10rd tubing, and Baker Model R fullbore packer. Set @ 5150' KB. Wait on swage from town. Rig up Western Co. and fraced Gallup w/Mini-Max III-40 gelled water, 2% hydrocarbon phase, 2% KCL, 1 gal/1000 LT-22, 1/4 Gal/1000 Bactericide, 400 SCF/Bbl CO<sub>2</sub>, as follows:

20,000 Gal.	Pad
5,000 Gal.	1/2 #/gal. 20/40 sand
10,000 Gal.	1 #/gal. 20/40 sand
20,000 Gal.	2 #/gal. 20/40 sand
42,500 Gal.	3 #/gal. 20/40 sand
8,820 Gal.	4 #/gal. 20/40 sand
2,268 Gal.	Flush

Total Sand 215,280 Lbs.

Total Fluid 2,277 Bbls Gel Water.

300 Bbls CO<sub>2</sub>

Avg. Rate 30 BPM

Avg. Pressure 3450 PSIG

ISDP - 1400 PSIG down to 1100 PSI in 15 minutes.

Shut in 4 hours. Opened on 3/4" choke to pit to blow down.

Put in frac tanks through choke.

MERRION OIL & GAS CORPORATION

Salazar G Com 26-1  
Sec. 26, T25N, R6W  
Rio Arriba County, New Mexico

- 9/20/82 Well made 659 Bbls in 36 hours, 3% oil. Removed choke to test. Well unable to flow - loading up and gassing lightly. Preparing to pull 3-1/2" frac string.
- 9/21/82 Released packer, backside went on vacuum, tubing flowing until equalized. Trip out laying down 3-1/2" N-80 frac string. Lay down Model R packer. Ran sinker bar and depthometer. Found PBTD @ 6410' KB. Bottom perf @ 6230' KB, 180 ft of rat hole. Ran production tubing as follows:
- |   |          |
|---|----------|
| 190 jts. 2-3/8" EUE J-55 4.7 #/ft. tubing | 5857.47' |
| 1 jt. 2-3/8" seating nipple               | 1.09'    |
| 1 jt. 2-3/8" EUE J-55 4.7 #/ft. tubing    | 31.04'   |
| 1 2-3/8" saw tooth collar.                |          |
| Landed @ measured length                  | 5889.60' |
| KB depth                                  | 5899' KB |
- Top perf @ 5889' KB. Nipple down BOPs and flange up Christmas Tree Assembly. Started swabbing. Made 5 runs, casing building pressure - 40 PSIG. Shut down overnight.