

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

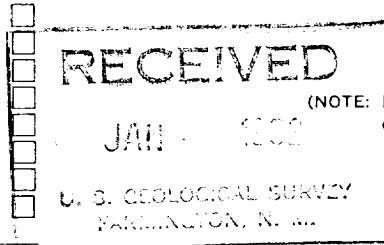
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

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 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1650 FSL & 610 FEL
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) Completion ☐

SUBSEQUENT REPORT OF:



5. LEASE
SF-079139A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Warren G 35
9. WELL NO.
2
10. FIELD OR WILDCAT NAME
Devils Fork Gallup
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 35, T25N, R6W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6664 GL

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.)*

See Attached.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Operations Manager DATE 1/11/82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

JAN 14 1982

*See Instructions on Reverse Side

NMOCC

BY [Signature]
FARMINGTON DISTRICT

MERRION OIL & GAS CORPORATION

WARREN G 35-2
Sec. 35, T25N, R6W
Rio Arriba County, New Mexico

DAILY REPORT

10/26/81 Move in, rig up. Spudded.

10/27/81 12-1/4" hole to 216 ft. Set 203 ft. of 8-5/8" surface casing. 170 sx Class 'B', 3% CaCl_2 . WOCT.

10/28/81 Drilling @ 2231'. Sand and Shale. Mud wt. 8.19, Vis. 38, Water loss 6.4.

10/29/81 Drilling @ 3152. Sand & Shale. Mud wt. 8.8, Vis. 36, Water loss 5.6. Deviated 3° @ 2752.

10/30/81 Drilling @ 3873. Sand and Shale. Mud Wt. 8.9, Vis. 38, Water Loss 6.2.

10/31/81 Drilling @ 4485. Tripped.

11/1/81 Drilling 4996'.

11/2/81 Drilling @ 5567'. Mud wt. 9.0, Vis. 37, Water Loss 6.8.

11/3/81 Drilling @ 6100'. Mud Wt. 8.9, Vis. 37, Water Loss 7.0.

11/4/81 TD @ 6200' 4:00 PM. Attempting to log. Conditioned hole and tripped out for logs. Rig up Birdwell. Ran into bridge @ 1185' K.B. unable to get through. Found tripped drill pipe and raise viscosity of drilling mud. Hole tight on trip out.

11/5/81 Ran into bridge w/logging tool @ 1185' - unable to penetrate. Rig down loggers. Trip in and lay down drill pipe. Ran 4-1/2" production casing as follows:

	Length	Depth
120 jts. 4-1/2" 10.5 lb/ft, K-55, R-3 casing	4954.01	
Stage Collar (Bakerline)	1.68	4954.01 2nd Stage
29 jts. 4-1/2" 10.5 lb/ft K-55 R-3 Casing	1214.50	4955.69
Float Collar (Bakerline)	1.68	6170.19 1st Stage
1 Shoe joint 4-1/2" 10.5 lb/ft K-55	36.98'	6171.87
Shoe (Bakerline)	1.0	6209.85

Set casing @ 6200' K.B. Circulated and reduced mud viscosity. Rig up Dowell and cemented 1st stage w/175 sx Class 'H' w/2% gel. Good circulation. Bumped plug @ 4:30 A.M. Estimated top of cement - 5250' K.B. Opened stage tool and circulated 3 hours. Cemented 2nd stage w/700 sx Class 'B' 2% D-79 tail-in w/100 sx Class 'H' 2% gel. Circulated approximately 40 Bbls good cement to surface. Bumped plug @ 9: A.M. 11/5/81. Landed casing. WOCT. Moving Bayless Rig 5.

175
20
875

MERRION OIL & GAS CORPORATION

WARMEN G 35-2
Sec. 35, T25N, R6W
Rio Arriba County, New Mexico

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- 12/22/81 Move in, rig up Bayless Rig #3. Hydro-test in the hole w/bit scraper, and 2-3/8" tubing. Drill out stage collar and trip to the bottom. SDON.
- 12/23/81 Rig up power swivel and clean out 20' cement to plug back depth of 6155' KB on tubing tally. Mix 10 Bbls gel plug and swept hole w/oil. Raised tubing to 6113 and spot acid. Trip out and rig up Blue Jet to log. Ran in w/Gamma Ray Neutron Log. Logging tools not operating. Pulled logging tools out to find problem. Fixed logging tool and ran Gamma Ray Correlation Log from 6158' KB to 4000' KB. Ran select fire gun and shot 20 holes @ 5855, 5865, 5872, 5878, 5888, 5908, 5917, 5937, 5940, 5943, 5946, 5949, 5967, 6035, 6040, 6046, 6060, 6073, 6095, and 6102. SDON.
- 12/24/81 Baker Service Tools brought out straddle packers and ran in hole w/14' spacing between packers. Breakdown starting from bottom perf working up. Perf @ 6102 communicated. Second setting, perf 6095 broke down @ 2000 PSI. Third setting, perf 6073 broke @ 2200 PSI. Fourth setting perf 6060 broke @ 1900 PSI. Fifth setting, perf 6046 broke @ 2400 PSI and pumped in @ 1800 PSI. Sixth perfs 6040 and 6035 broke @ 1700 PSI. Seventh setting, perf 5967 broke @ 1800 PSI. Eighth setting, perfs: 5949, 5946, 5940, and 5937. 5 holes broke together @ 1200 PSI. Setting nine, perf 5917 broke @ 1600 PSI, no communication. Setting eleven, perf 5888 broke @ 1800 PSI. Setting twelve, perfs 5878 and 5872. Pressured up to 4,000 PSI. Did not break. Setting thirteen, perf 5865 broke @ 1900 PSI. Setting fourteen, perf 5855 broke @ 1900 PSI. Pull packers and SDON.
- 12/24/81 Western Company Frac Crew. Fraced via casing. Pumped 28 Bbls gelled oil. Shut-down to fix guage. Pumped 281 Bbls more pad.
- | | |
|--|--------------------------------------|
| Total pad | 309 Bbls |
| 122 Bbls | 1/2#/gal. 30/40 sand. 32 Bbls/min. |
| 124 Bbls | 1#/gal. 20/40 sand. 33 Bbls/min. |
| 259 Bbls | 2#/gal. 20/40 sand. 32 Bbls/min. |
| 270 Bbls | 2#/gal. 20/40 sand @ 30 Bbls/min. |
| 413 Bbls | 3-1/2#/gal. 20/40 sand. 30 Bbls/min. |
| 281 Bbls | 4#/gal. 20/40 sand. 30 Bbls/min. |
| 196 Bbls | 4#/gal. 10/20 sand. 30 Bbls/min. |
| 89 Bbls | Flush w/lease oil. |
| Total gelled oil - 1974 Bbls | |
| Total lease oil - 89 Bbls | |
| Total Fluid | 2063 Bbls |
| Avg. Treating Pressure 3000. | |
| Avg. Injection Rate 30 Bbls/min. | |
| ISDP 2000 | |
| Final shut in pressure after 10 min. 1350. SDOW. | |
- 12/26/81 1250 PSI on casing. Open up to produce. Tanks blew right down. SDOW.
- 12/28/81 Well was dead. Ran sinker bars & chip hammer. Found fill @ 5297' KB. Running tubing to clean out sand fill.

MERRION OIL & GAS CORPORATION

WARREN G 35-2
Sec. 35, T25N, R6W
Rio Arriba County, New Mexico

- 12/29/81 Ran 2-3/8" tubing with sawtooth collar and string float. Cleaned out sand with conventional circulation to 5815'. Stuck tubing while making connection. Rigged up Brand-X and determined free point at 5670. Cut off at 5670 with chemical cutter leaving 145' of tubing in the hole. Picked up one joint and shut down for night.
- 12/30/81 Stuck in hole, bottom of tubing @ 5635' KB. Tried to break circulation and could not. Tubing pressured up to 2500 PSI. Tried to pump down back side and could not. Tried to work free w/no pressure and could not move tubing. Brand-X came out and ran freepoint. Freepoint results:
- | | |
|--------------------|---------------------|
| 5624' KB -% free | 5593' KB 0% free |
| 5562' KB 0% free | 5499' KB 0% free |
| 5438' KB 0% free | 5378' KB 0% free |
| 5314' KB 100% free | 5345' KB 0% free |
| 5330' KB 0% free | 5314' KB 100% free. |
- Chemical cut @ 5299' KB
Establish circulation and circulate hole clean.
Pull 336' tubing. SDON.
Building temporary sales line.
- 12/31/81 Ran in hole w/160.54', 5 joints, of washover pipe and cleaned out to 5450' KB. Circulated to clean up and trip out w/tubing collars, hydroaulic jars and washover pipe. Make up tools to run next day. SDON.
- 1/1/82 Trip in w/3-7/8 overshot and hit a bad spot in casing @ 4990' KB. Pull overshot and wait on tools from Dotco. Ran a lead impression block through the bad spot and tripped out of the hole. Impression block showed casing ID @ 4990' KB to be 3-13/16. SDON.
- 1/3/82 Ran in w/casing roller, jars, bumper sub., and collars. Rolled out bad spot @ 4990' KB. Trip out and back in w/full opening 3-5/8 overshot and tubing and caught fish @ 5299' KB. 154' of fish below overshot. Pulled 10 stands of tubing. SDOWE.
- 1/4/82 Trip out of hole w/overshot. No fish under the overshot. Ran 3-5/8 overshot, grapples showed wear. Ran back in w/3-7/8 overshot w/2-3/8 grapples. Could not get through tight spot @ 4990' KB. Pulled overshot. SDON.
- 1/5/82 Ran in 3-5/8 overshot w/2-3/8 grapples and extension above grapples. Pulled the top fish. Ran back in and washed over 190' of tubing w/washover pipe to 5643' KB. Pulled 10 stands tubing. SDON.
- 1/6/82 Finish pulling washover pipe. Trip in w/cut-rite mill and 2-3/8 grapples inside 3-5/8 overshot, jars, bumper sub, and collars. Tagged fish @ 5453' KB and milled off top of fish and got over fish w/overshot. Pulled 190' of fish. Made up 5 joints washover pipe and started back in hole. SDON.

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- 1/7/82 Finish tripping in to tag fish @ 5670' KB and wash down 176' to 5846' KB. Circulate to clean up. Trip out of hole. Run 3-5/8 overshot with mill control and 2-3/8 grapples, hydraulic jars, bumper sub and collars on 2-3/8 tubing. Hit top of fish @ 5701' KB. Turning on top of fish to get over, pushed fish 10' deeper into sand below. Got over fish and had to jar twice @ 20,000 lbs over string weight to pull free. Pull over shot out of hole w/145' of fish. All fish out of the hole. Sand @ 5846' KB. SDON.
- 1/8/82 Trip in w/tubing and saw-tooth collar to tag sand @ 5846' KB. Reverse circulate sand out to 5909' KB and hit a hard spot. Pick up swivel and drill out a 1' bridge @ 5909 KB. Greak off swivel and reverse circulate sand out to PBTD 6160' KB. Circulate to clean all sand from casing. Pull up to 5540' KB. SDON.
- 1/9/82 Finish pulling tubing and run back in w/2-3/8 tubing production string to top of perfs. Swab 58 Bbls oil w/a little sand each run. Well making a little gas. Shut in tubing and casing. SDON. Ran 186 jts., 5854' of 2-3/8" tubing plus seating nipple, perf. nipple and 20 ft. mud anchor. Landed @ 5889' KB.
- 1/11/82 Shut-in pressure 200 PSI tubing/200 PSI casing. Blew down tubing. Swabbed 32 Bbls and well kicked off flowing. Making 20 Bbl/hour casing pressure 500 PSIG when kicked off. Left flowing. Estimated gas 450 MCF/Day. Rig down, prepare to move.