

MERRION OIL & GAS CORPORATION

WARREN G 35-1
Sec. 35, T25N, R6W
Rio Arriba Co., New Mexico

- 10-16-81 MIRU. Spudded. Drilling @ 185 12-1/4" Hole.
- 10-17-81 Set 8-5/8" 23 lb/ft surface casing @ 200' KB w/170 sx.
Circulated cement. WOCT for 12 hrs. Drilling @ 1370'.
- 10-18-81 Drilling @2580. Tripping.
- 10-19-81 Drilling @ 3530. Mud wt. 9.0. Fix. 36. Water Loss 6.0.
- 10-20-81 Drilling @ 4285. Sand and Shale. Mud wt. 9.0, Fis. 36,
Water Loss 6.2.
- 10-21-81 Drilling @ 4750. Sand & Shale. Mud wt. 9.0, Vis. 38,
Water Loss 6.0.
- 10-22-81 Drilling @ 5425'. Sand & Shale. Mud wt. 9.0, Vis. 38,
Water Loss 6.5.
- 10-23-81 Drilling @ 5883'. Mud wt. 9.0, Vis. 38, Water Loss 6.0.
Down for rig repair 5-1/2 hr.
- 10-24-81 Rig up Gearhart Owen & ran IES Induction and Compensated
Density Logs. Lay down drill pipe.
- 10-25-81 Ran 150 jts 4-1/2" 10.5 lb/ft. K-55 new casing as follows:
- | | |
|----------------------------------|----------------|
| Shoe | 1.0 |
| 1 jt. 4.5" 10.5 lb/ft shoe joint | 42.95 |
| 1 float collar | 1.68 |
| 30 jts. 4.5 10.5 lb/ft K-55 | 1248.87 |
| 1 stage tool | 1.68 |
| 119 jts 4.5 10.5 lb/ft K-55 | 4944.89 |
| | <u>6241.07</u> |
- Bottom of casing @ 6200 K.B.
Stage tool set @ 4906.18 K.B.
- 10-26-81 Rig up Dowell, cemented 1st stage w/175 sx Class 'H' 2% GEL,
good circulation. Plug down 12:00 Noon 10/25/81.
Circulated 2 hours between stages. Cemented 2nd stage w/600
sx Class 'B' 2% D-79 followed by 100 sx Class 'H' 2% GEL.
Good circulation throughout. Plug down 3:00 PM 10/25/81.
Lay down 1 jt. 4-1/2", left 149 jts in hole. Landed casing
as cemented. WOCT. Wilson Service Co. ran Temperature Log
found TOC @ 2013' K.B., PBTD @ 4883' K.B.



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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Merrion Oil & Gas Corporation	8. Farm or Lease Name Warren G 35
3. Address of Operator P. O. Box 1017	9. Well No. 1
4. Location of Well UNIT LETTER <u>K</u> <u>1515</u> FEET FROM THE <u>South</u> LINE AND <u>2230</u> FEET FROM THE <u>West</u> LINE, SECTION <u>35</u> TOWNSHIP <u>25N</u> RANGE <u>6W</u> NMPM.	10. Field and Pool, or Wildcat Devils Fork Gallup
15. Elevation (Show whether DF, RT, GR, etc.)	12. County

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

OTHER Completion ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See attached



18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED J. Gregory Merrion

TITLE J. GREGORY MERRION, President DATE 12/28/81

APPROVED BY John T. Gray

TITLE SUPERVISOR DISTRICT 3

DATE DEC 29 1981

CONDITIONS OF APPROVAL, IF ANY:

MERRION OIL & GAS CORPORATION

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- 12/8/81 Move in, rig up Bayless Rig No. 3. SDON
- 12/9/81 Finish rig up. Sort tubing. Trip in tag fill. Cleaned out to stage tool. Found stage tool w/2' above KB on joint no. 155 @4904' KB. Drilled out stage tool. Pressure tested to 3000 PSIG. Held OK. Trip into fill above float collar. Tagged on joint no. 194 @ 6134' KB. SDON.
- 12/10/81 Clean out fill and tagged float collar w/15 ft. out on joint no 195 @ 6157.25' KB. Drilled on float collar. Bit quit drilling @ 6158.5' KB. Trip out w/bit. Pressure tested to 4000 PSIG. Held OK. Trip in w/70 STDS and used bit. SDON.
- 12/11/81 Finish drilling out float collar, and drilled 24 ft. of shoe joint to 6181 ft. KB by tally. Cleaned up hole and pulled bit 10 ft. off bottom to 6170 ft. ±. Pressure tested casing to 4000 PSIG for 10 minutes. Held fine. Rig up Western Co. Swept hole w/1000 gal. 40# gelled water and loaded casing w/lease oil. Spotted 250 gals. 15% HCL on bottom. Trip out w/tubing. Rig up Blue Jet and ran Gamma Ray - Correlation Log from 6186 to 5600 ft. Perforated select fire holes as follows: 5874, 5880, 5885, 5889, 5902, 5933, 5936, 5956, 5958, 5961, 5964, 6077, 6080, 6083, 6101, 6153, 6162. Total 17 holes - .320" per Correlation Log. Rig down Blue Jet, Western. Shut-in well.
- 12/14/81 Farmington Well Service hydrotested in the hole. Straddle packers on. Found joints 84 and 114 bad. Pulled tubing to top of perf @ 5875. Perforation broke down at 3000#. Next setting covered perfs 5881 and 5886. Did not break down at any pressure. Set @ 5891 and broke down @ 3800#. Set @ 5903. Broke down @ 3800#. Set @ 5935 - 5939. Broke down @ 3700. Set for next 2 perfs @ 5958 - 5960. Broke down @ 4000#. Set for 5963 - 6966. Broke down @ 4000#. Set for perfs @ 6079, 6082, 6085. All broke down together @ 3600 Psi. Set @ 6103. Broke down @ 4000 Psi. Set for perf @ 6155. Broke down @ 4000 Psi. Set for perf @ 6164. Broke down @ 4000 Psi. Perforation breakdown complete. Left tools in the hole. SDON.
- 12/15/81 Circulated hole w/straddle packers on bottom, using rig pump. Circulated 40 Bbls water out indicating we had not spotted acid on bottom originally and were breaking down w/water. Spotted additional 250 gals. 15% HCL across perfs. Tripped out w/tubing and packers. Finished gelling tanks and rigged up to frac. Fraced well as follows:
- | | |
|-------------|---|
| 250 Gals | 15% HCL Spearhead. |
| 13,000 Gals | Pad Maxi-O-74 gelled oil w/25 #/1000 gal. Aquaseal. |
| 5,000 Gals | 1/2 #/gal 20/40 sand. |
| 5,000 Gals | 1 #/gal 20/40 sand. |
| 10,000 Gals | 2 #/gal 20/40 sand. |
| 10,000 Gals | 3 #/gal 20/40 sand. |
| 15,000 Gals | 3-1/2 #/gal 20/40 sand. |
| 10,000 Gals | 4 #/gal 20/40 sand. |
| 4,000 Gals | 4 #/gal 10/20 sand. |
| Total Oil | 72,000 gal Maxi-O-74. |

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12/15/81 Con't.

Well screened out in wellbore before completion of job. Got 146,000 lbs. 20/40 sand in and left 4,000 lbs. 20/40 and 15,000 10/20 in casing. Average rate 26 BPM, average pressure 2850'PSIG. ISIP was vague due to screen out in well bore. Final shut-in was 2000 PSIG, after 3 min.

12/16/81 SIP - 1500 PSIG. Blew down immediately. Trip in w/saw tooth collar, string float and 2-3/8" tubing. Tag sand @ 4725 ft. Cleaned out frac sand to bottom. No gel in return oil. Pulled tubing above perfs and SDON.

12/17/81 Well dead. Trip out w/string float and saw tooth collar. Trip in w/production tubing as follows:

184 jts. 2-3/8" EUE 4.7 #/ft. K-55	5817.61'
1 Seating Nipple	1.00'
1 Perf. Sub 2-3/8"	3.00'
1 2-3/8" Mud Anchor	20.00'
KB Adjustment	<u>13.00'</u>

Landed @ 5854.61' KB

Nipple up wellhead and pumped out plug. Rig up to swab. Top perf @ 5874' KB. Swabbed 48 Bbls to frac tank. Fluid gassy and casing on vacuum. Shut-in overnight.

12/18/81 Made 80 Bbls. Swabbing and kicked off flowing twice and made 175 Bbls and died off. Opened casing and tubing and started swabbing down. SDON.