

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form O-103  
Supersedes Old  
O-100 and O-102  
Effective 1-1-82

5a. Indicate Type of Lease  
State     
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 TO DRILL FROM O-101 FOR SUCH PROPOSALS.

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name
2. Name of Operator Merrion Oil & Gas Corporation	8. Name of Lease Name Salazar G 34
3. Address of Operator P. O. Box 1017, Farmington, New Mexico 87401	9. Well No. 2
4. Location of Well UNIT LETTER <u>I</u> <u>1710</u> FEET FROM THE <u>South</u> LINE AND <u>790</u> FEET FROM THE <u>East</u> LINE, SECTION <u>34</u> TOWNSHIP <u>25N</u> RANGE <u>6W</u> N.M.P.M.	10. Field and Pool, or Association Devils Fork Gallup
15. Elevation (Show whether DF, RT, GR, etc.) 6375' GL	12. County Rio Arriba

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PLUG OF ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
Completion		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 1105.

See Attached



18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
SIGNED: [Signature] TITLE: Operations Manager DATE: 1/19/82

Original Signed by FRANK T. CHAVEZ

SUPERVISOR DISTRICT # 3

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: JAN 25 1982

CONDITIONS OF APPROVAL, IF ANY:

MERRION OIL & GAS CORPORATION

SALAZAR G 34-2  
 Section 34, T25N, R6W  
 Rio Arriba County, New Mexico

DAILY REPORT

- 11/05/81 Move in, Rig up Bayless Rig No. 5. Spud.
- 11/06/81 8-5/8" casing, 186', set at 198. Cemented 170sx Class 'B', CACL<sub>2</sub>. WOCT.
- 11/07/81 @ 1572. Tripping.
- 11/08/81 Drilling @ 2695. Mud wt. 8.9, Vis. 36, Water Loss 5.8.
- 11/09/81 Drilling @ 3496. Mud wt. 8.9, Vis. 38, Water loss 7.8.
- 11/10/81 Drilling @ 4719'. Mud wt. 9.1, Vis. 40, Water Loss 6.0.
- 11/11/81 Depth is @ 5149'. Operation is repairing mud pump. Mud wt. 9.1, Vis. 44, Water Loss 7.2.
- 11/12/81 Drilling @ 5545'. Mud wt. 9.2, Vis. 38, Water Loss 8.2.
- 11/13/81 TD @ 5850'. Circulate to condition hole. Lay down drill pipe. Ran 142 jts. 4-1/2" 10.5 lb/ft. K-55 R-3 Wheeling Pitt casing as follows:
- |                                   | Length  | Depth    |
|-----------------------------------|---------|----------|
| 112 jts. 4-1/2" 10.5 #/ft         | 4625.08 | 4617' KB |
| 1 stage collar (Bakerline)        | 1.68    | 4619' KB |
| 29 jts. 4-1/2" 10.5 #/ft          | 1188.38 | 5807' KB |
| 1 Diff. Float Collar (Bakerline)  | 1.68    | 5809' KB |
| 1 jt. 4-1/2" 10.5 #/ft shoe joint | 39.88   | 5849' KB |
| 1 shoe (Bakerline)                | 1.0     | 5850' KB |
- Rig up Dowell and cemented 1st Stage w/175 sx Class 'H' 2% Gel. Good circulation. Plug down 7:00 AM. Opened stage tool, circulating. PBTB @ 5807' KB.
- 11/14/81 Circulate 2-1/2 hrs. Cemented 2nd Stage w/600 sx Class 'B' 2% D-79, followed by 100 sx Class 'H' 2% Gel. Plug down @ 11:00 AM. Good circulation. WOCT. Moving rig.
- Wilson Service ran temperature survey. Found PBTB @ 4593' KB. Top of cement, 2nd Stage, @ 1800'.
- 1/13/82 Move in, rig up Bayless Rig 3. Unload and tally 128 jts. 2-3/8 tubing. Tubing description: API 2-3/8 4.70#/ft K-55 JE tested 7000, 8rd B-2 Collars J. API. Transfer 61 jts. 2-3/8 tubing from Warren G 35-2 + 5 joints from Nine Star Yard. Trip in. Hydrotest 194 Jts. 2-3/8 tubing under slips w/3-7/8 bit and casing scraper.
- 1/14/82 Drill out stage tool @ 4617' KB and clean out to PBTB of 5807' KB. Raised bit to 5765' KB. 12:00 Noon. Wait on Western Truck from town. Truck arrived - mixed gell, swept hole w/gel plug and fill w/de-emulsified water. Spot 250 gal. 10% Acetic Acid, across perms. Pull tubing out of acid. SDON.
- 1/15/82 Finished tripping out of hole w/casing scraper and bit. Blue jet logged from TD 5806' KB to 3700' KB and perforated 8 holes w/select fire gun

MERRION OIL & GAS CORPORATION

SALAZAR G 34-2

Section 34, T25N, R6W

RIO ARRIEA COUNTY, NEW MEXICO

1/15/82 cont.

per Gamma Ray Correlation Log @ 5681' KB, 5697' KB, 5711' KB, 5719' KB, 5723' KB, 5731' KB, 5742' KB, 5750' KB.

Baker ran straddle packers on 2-3/8 tubing and broke down each perf individually. Perf breakdown as follows:

Pumped into perf @ 5750' @ 2800#	ISDP 2400#
Pumped into perf @ 5742' @ 1800#	ISDP 1500#
Pumped into perf @ 5731' @ 2200#	ISDP 1600#
Pumped into perf @ 5723' @ 2800#	ISDP 1600#
Pumped into perf @ 5719' @ 2200#	ISDP 2000#
Pumped into perf @ 5711' @ 3500#	ISDP 3200#
Pumped into perf @ 5697' @ 3400#	ISDP 3000#
Pumped into perf @ 5681' @ 2700#	ISDP 1500#

All above measurements KB.

Perforations @ 5750' KB and 5723' KB both communicated.

Pull tubing and packer out of hole. SDON.

1/16/82 Rig up Western Company. Frac 1st stage w/70 Wuality foam, 2% KCL, 1 gal/1000 Aquaflo as follows:

20,000 Gal.	Pad
5,000 Gal.	1/2 #/gal 20/40 sand
5,000 Gal.	1 #/gal 20/40 sand
5,000 Gal.	1-1/2 #/gal 20/40 sand
5,670 Gal.	2 #/gal 20/40 sand
2,520 Gal.	1-1/2 #/gal 20/40 sand
3,764 Gal.	Flush

Avg. Rate 15 BPM

Avg. Pressure 3750 PSI

ISDP 2900

Total Water 337.8 Bbl.

Sanded off w/31,065 Lbs. 20/40 in. Shut-in for 4 hours.

Flowing back overnight - 1/2" choke.

1/17/82 Well made 1'10" overnight in 500 Bbl tank (gas, oil & water.) Blue Jet set drillable plug @ 5659' KB by log. Pressure tested plug to 4000 PSI. OK. Perforated second stage as follows: 5500, 5508, 5516, 5525, 5552, 5561, 5582, 5583, 5586, 5588, 5592, 5608, per Fed 3-E Log. Trip in w/straddle packers. Spotted 250 Gal. 10% Acetic Acid and broke down perfs per Gamma-Ray Correlation Log.

1. Perf @ 5616' KB 1800# 1100 ISDP
2. Perfs @ 5600' KB, 5596' KB, 5594' KB, 5592' KB, 5590' KB, 1200# 600# ISDP.
3. Perf @ 5569' KB 1800# 900# ISDP.
4. Perf @ 5560' KB 2000# 1300# ISDP.
5. Perf @ 5532' KB, 1700# 1400# ISDP.
6. Perf @ 5526' KB, 1600# 1100# ISDP.
7. Perf @ 5518' KB, 1800# 1200# ISDP.
8. Perf @ 5509' KB, 2200# 1900# ISDP.

MILKPIK OIL & GAS CORPORATION

SUMMIT G 34-1  
 Section 34, T12N, R10W  
 RIO ARriba COUNTY, NEW MEXICO

Trip out and fraced 2nd stage as follows:

10,000 Gal.	Pad
5,000 Gal.	1/2 #/gal 20/40 sand
5,000 Gal.	1 #/gal 20/40 sand
5,000 Gal.	1-1/2 #/gal 20/40 sand
7,500 Gal.	2 #/gal 20/40 sand
10,000 Gal.	1-1/2 #/gal 20/40 sand
2,940 Gal.	1-1/2 #/gal 20/40 sand
1,117 Gal.	Flush - Sand off in well bore.

Avg. rate 20 BPM. Avg. Pressure 3400#, 1SDP 3900#.  
 Total water 436.6 Bbl. Total N<sub>2</sub> both stages - 1,817,600 SCF.  
 Shut-in 1 hour. Flow back on 1/8" choke, switch to 1/2" Choke.  
 Unloaded sand to reserve. Put to tank. Flowing.

1/18/82 Well made 210.46 Bbls fluid in 22 hours flowing to frac tank after the frac.

1/19/82 Well flowing to frac tank w/300 PSI through 1/2" choke, slugging oil w/gas. No detectable sand. 98% oil, 2% water. Put flow to production tank, 2" line, no choke in 4 hours. Flow breakdown in 400 Bbl tank: 10" 1st hour, 3" 2nd hour, 1.5" 3rd hour, 3.7" 4th hour. 30 bbls in 4 hours.

Trip in w/tubing, seating nipple and pumpout plug. Well died off during trip in. Tagged something @ 5429.4' KB. Probably sand bridge. Started to pull tubing and well came in @ 350 PSI through casing and started making a little sand. Let well die down to 100 PSI and started pulling tubing. Halfway out of hole, pressure was 50#. Pulled all tubing and turned well into frac tank making heavy sand and gas and slugging oil.

Well made 52 Bbls oil, flowing @ 25 PSI casing pressure. Not making any sand. Running sinker bars on sand line w/depthometer to find sand fill @ 5590' KB.

1/20/82 Well made 52 Bbls overnight. Ran sinkerbars @ tag fill @ 5590' KB. Killed well w/30 Bbls oil and trip into reverse circulate sand from 5590' KB to 5645' KB - bridge plug, per tubing tally. While circulating sand out, lost 30 Bbls oil to formation. Pulled tubing. Well dead. Left open to production tank. SDON.

1/21/82 Well stayed dead overnight. Made no oil. Trip in w/tubing, casing scraper and bit. Reverse circulate to drill out. Bridge plug @ 5645' KB. Reverse circulate all the way to bottom @ 5806' KB. Trip out of hole w/tubing, casing scraper and bit. Left well open to tank. SDON.