

CORRECTED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ 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 and in accordance with any State requirements)

At surface 1630' FSC FWL & 1660' FWL

At top prod. interval reported below

At total depth

Same

Same

14. PERMIT NO. DATE ISSUED

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

5. LEASE DESIGNATION AND SERIAL NO.

SF-080136

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Salazar G 34

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Devils Fork Gallup

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA

Sec. 34, T25N, R6W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED 11/15/81 16. DATE T.D. REACHED 11/23/81 17. DATE COMPL. (Ready to prod.) 2/10/82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6387' GL 6400' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5850' KB 21. PLUG, BACK T.D., MD & TVD 5800' KB 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0 - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5480 - 5708 KB Gallup 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Neutron Correlation Log

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	23#	200 KB	12-1/4	170 SX.	
4-1/2"	10.5#	5850' KB	7-7/8	175 SX. Class 'H' 2% Gel	
				600 SX Class 'B' 2% D-79	
				100 SX Class 'B' 2% D-20	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5470' KB	

31. PERFORATION RECORD (Interval, size and number)

5644 - 5708 KB 16 holes
5530 - 5586 KB 7 holes
5539 - 5569 KB 12 holes
5583 - 5586 KB 4 holes
5508 - 5480 KB 29 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5644 - 5708	See Attached
5526 - 5585	See Attached
5508 - 5480	See Attached

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2/9/82		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/10/82	3	1/2"	→	20.6	62	-0-	3000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	150	→	165	495	-0-	45°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Craig Merilatt

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Operations Manager

2/22/82

DATE

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCC

BY Elliott

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Gallup	5480	5708	Oil, Gas	Ojo Alamo	1680	
				Kirtland Shale	1750	
				Fruitland shale	1965	
				Pictured		
				Cliffs Sand	2130	
				Lewis Shale	2250	
				Cliffhouse Sand	3695	
				Menefee	3760	
				Point Lookout Sand	4370	
				Mancos Shale	4580	
Gallup Sand	5460					

MERRION OIL & GAS CORPORATION

Salazar G 34-1
Sec. 34, T25N, R6W
Rio Arriba County, New Mexico

32. Cont.

Spot 250 Gal. 15% HCL @ 5740' KB. Trip out w/tubing. Breakdown w/KCL wa
19.5 BPM @ 2700 PSI indicated 16 holes open. Foam fraced well as follows
(70 quality foam)

6000 Gal.	Foam Pad
6000 Gal.	1/2 #/gal 20/40 sand
6000 Gal.	1 #/gal 20/40 sand
6000 Gal.	1-1/2 #/gal 20/40 sand
6000 Gal.	2 #/gal 20/40 sand
3775 Gal.	Foam Flush.

Avg. pressure 3400 PSIG. Avg. rate 20 BPM, ISDP 2900 PSIG.
Final shut-in 2500 PSI in 15 minutes. Shut-in well for 2 hours. Opened
up on 1/2" positive flow choke. Blew down to 600 PSI. Then put into
frac tank. Left flowing overnight.

Rig up Western. Foam frac middle Gallup, 5526' to 5585', as per
Correlation Log w/1 gal/1000 Aquaflo and 2% KCL as follows:

14,000 gal.	Foam Pad
7,000 gal.	1/2 #/gal 20/40 sand
7,000 gal.	1 #/gal 20/40 sand
10,000 gal.	1-1/2 #/gal 20/40 sand
17,476 gal.	2 w/gal 20/40 sand

Sanded off abruptly w/58,000# 20/40 sand into formation.
7200 additional sand left in well bore.

Avg. rate 20 BPM

Avg. pressure 3200 PSI.

ISDP 4000 PSI.

10 minutes down to 3800 PSI.

Upper zone Gallup frac.

Frac down casing w/9940 gal foam pad.

6020 gal.	1/2 #/gal 20/40 sand	3350 PSI
6020 gal.	1 #/gal 20/40 sand	3300 PSI
7980 gal.	1-1/2 #/gal 20/40 sand	3200 PSI
12040 gal.	2 #/gal 20/40 sand	3200 PSI
Flush w/3640 gal. foam.		

All fluid pumped contained 1200 SCF/Bbl N₂.

Avg. treating pressure 3250. ISDP 2800.

PSIP after 20 min. 1400 PSI.

Total sand in formation 45080# 20/40 sand

Total H₂O 326 Bbls.

Total N₂ 912,240 SCF.