

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other In-  
structions on  
reverse side)

Form approved,  
Budget Bureau No. 42-R355.5.

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 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1840' FSL and 1805' FEL  
At top prod. interval reported below Same  
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.  
NM 0558141

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Old Rock Com

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Devils Fork Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 28, T25N, R6W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
New Mexico

14. PERMIT NO.

15. DATE SPUNDED 1/24/83 16. DATE T.D. REACHED 2/3/83 17. DATE COMPL. (Ready to prod.) 3/6/83 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)\* 6395' KB 19. ELEV. CASINGHEAD 6382' GL

20. TOTAL DEPTH, MD & TVD 6060' KB 21. PLUG, BACK T.D., MD & TVD 6010' KB 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND SURVEY) 5923 - 5983' 5800 - 5857' 5881 - 5887' 5602 - 5703' Gallup 25. WAS DIRECTIONAL SURVEY MADE No 26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Correlation Log OIL CON. DIV. 27. WAS WELL CORED No

RECEIVED  
MAR 8 1983  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

RECEIVED  
MAR 14 1983

28. CASING RECORD (Report all strings set in DIST. 3)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	20	212' KB	12-1/4"	170 sx (200.60 cu. ft.)	
4-1/2"	11.6	6052' KB	7-7/8"	225 sx (274.50 cu. ft.)	
				700 sx (1442 cu. ft.)	
				100 sx (122 cu. ft.)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5664' KB 5604	

31. PERFORATION RECORD (Interval, size and number)

5923 - 5983' KB, 19 holes	.34" size
5857 - 5881' KB 13 holes	
5790 - 5800' KB 6 holes	
5602 - 5703' KB 21 holes	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	See Attached

33. PRODUCTION

DATE FIRST PRODUCTION 3/5/83 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/5/83	24	3/4"	→	110	166	-0-	1509

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
150	400	→	110	166	-0-	45°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Vented - will be sold when contract obtained. Reference Application to Vent

TEST WITNESSED BY Don Woods

35. LIST OF ATTACHMENTS  
32. Frac

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

SIGNED [Signature] TITLE Operations Manager DATE 3/07/83

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

NMOCC

ACCEPTED FOR RECORD  
FARMINGTON DISTRICT  
[Signature]

# 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 38, below regarding separate reports for separate completions.

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 should be listed on this form, see item 36.

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.

Item 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

FORMATION	TOP		DESCRIPTION, CONTENTS, ETC.	BOTTOM		TOP	
	DEPTH	MEAS.		DEPTH	MEAS.	DEPTH	MEAS.
Gallup	5602		Gas, oil.	5983			

**38. GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1510	
Kirtland Shale	1695	
Fruitland Shale	1995	
Picture Cliff	2246	
Lewis Shale	2350	
Menefee	3853	
Pt. Lookout	4430	
Mancos Shale	4670	
Gallup Sand	5598	

MERRION OIL & GAS CORPORATION

Old Rock Com No. 3  
Sec. 28, T25N, R6W  
Rio Arriba County, New Mexico

32. Frac

5923 - 5983' KB  
Maxi-0-74  
1,473 Bbls oil. 130,000# 20/40 sand. Avg. rate - 30 BPM. Avg.  
treating pressure 3900 PSI. ISIP 2200 PSI down to 1900 PSI in 10 min.

5857 - 5881' KB and 5790 - 5800' KB

Maxi-0-74, 25 #/1000 Aquaseal and 1 gal/1000 Aquaflow.  
Total sand 115,000# 20/40. Total oil 1,469 Bbls.  
Avg. treating pressure 3750 PSI. ISIP 2200 PSI down to 1800 PSI in  
15 min. Average rate 30 BPM.

5602 - 5703' KB

75 Quality Foam, 2% KCL water, 1 gal/1000 Aquaflow  
120,000# 20/40 sand. 720 Bbls water. Total N<sub>2</sub> - 2,920,436 SCF.