

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 _____		5. LEASE DESIGNATION AND SERIAL NO. NM 015014	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Merrion Oil & Gas Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1017, Farmington, New Mexico 87499		8. FARM OR LEASE NAME McKenzie Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2020' FNL and 970' FWL At top prod. interval reported below Same At total depth Same		9. WELL NO. 1	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Otero Gallup	
11. DATE SPUDDED 10/3/82		12. COUNTY OR PARISH Rio Arriba	
16. DATE T.D. REACHED 10/12/82		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 12/22/82		15. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6595' KB	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6595' KB		19. ELEV. CASINGHEAD 6582' GL	
20. TOTAL DEPTH, MD & TVD 6324' KB		21. PLUG, BACK T.D., MD & TVD 6284' 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 TV) 6053 - 6222' KB Gallup 5863 - 5977' KB		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Correlation Log		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
DIST. 9			
29. LINER RECORD			
30. TUBING RECORD			
31. PERFORATION RECORD (Interval, size and number) 6053 - 6222' KB, 25 holes 5863 - 5977' KB, 21 holes 0.340"			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 6053 - 6222' KB See attached AMOUNT AND KIND OF MATERIAL USED 75 Quality Foam, 2% KCL, 1 gal/ 1000 Aquaflo, 2,078,110 SCF N ₂ 565 Bbls H ₂ O, 85,000 # 20/40.			
33.* PRODUCTION			
DATE FIRST PRODUCTION 12/20/82			
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 12/23/82			
HOURS TESTED 24			
CHOKE SIZE 3/4"			
PROD'N. FOR TEST PERIOD →			
OIL—BBL. 163			
GAS—MCF. 259			
WATER—BBL. -0-			
GAS-OIL RATIO 1589			
FLOW. TUBING PRESS. 80 PSI			
CASING PRESSURE 350 PSI			
CALCULATED 24-HOUR RATE →			
OIL—BBL. 163			
GAS—MCF. 259			
WATER—BBL. -0-			
OIL GRAVITY-API (CORR.) 45°			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - Gas contract being negotiated. Venting to be discontinued by 1/20/83			
TEST WITNESSED BY Carl Merilatt			
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 <u>Stephen Maas</u> TITLE Operations Manager DATE 12/23/82 JAN 05 1983			

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

NM000

FARMINGTON DISTRICT

Stephen Maas

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 36.

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Gallup	5863	6222	Oil, Gas

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2045	
Kirtland	2108	
Fruitland	2345	
Pictured Cliffs	2508	
Lewis	2570	
Chacra	3346	
Cliffhouse	4056	
Menefee	4071	
Point Lookout	4708	
Mancos	4870	
Gallup	5860	

MERRION OIL & GAS CORPORATION

McKENZIE FEDERAL NO. 1
Sec. 25, T25N, R6W
Rio Arriba County, New Mexico

32. Frac continued:

5863 - 5977' KB

75 Quality Foam, 1 gal/1000 Gal. Aquaflow
77,600 lbs. 20/40 sand, 2,144, 505 SCF N₂