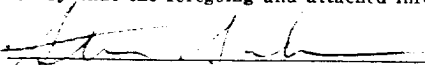


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. ELSVR. ☐ 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 2160' FNL and 1940' FEL At top prod. interval reported below Same At total depth Same					
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH Rio Arriba	
15. DATE SPURRED 2/22/83		16. DATE T.D. REACHED 3/2/83		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 3/11/83		18. ELEVATIONS (DF, RKB, RT, GB, ETC.)* 6861' KB		19. ELEV. CASINGHEAD 6848' GL	
20. TOTAL DEPTH, MD & TVD 5770'		21. PLUG, BACK T.D., MD & TVD 5721' KB		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		ROTARY TOOLS 0 - TD		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5372' - 5627' KB Gallup					25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction and Compensated Density 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"	24 #/ft	214' KB	12-1/4"	170 sx, 200.60 cu. ft.	
4-1/2"	10.5 & 11.6	5770' KB	7-7/8"	225 sx, 224.5 cu. ft.	
				700 sx, 1,442 cu. ft.	
				100 sx, 122 cu. ft.	
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE
					2-3/8
					DEPTH SET (MD) 5365' KB
					PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) 5372 - 5627' KB, 23 holes .34" See Attached				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				5372 - 5627' KB	75 Quality foam 2% KCL water 1 gal/1000 Aquaflow. 165,500 # 20/40 sand, 488 Bbls water, 1,779,460 SCF N ₂
33.* PRODUCTION					
DATE FIRST PRODUCTION 3/11/83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 3/11/83	HOURS TESTED 24	CHOKE SIZE 1/2"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 106	GAS—MCF. 180
				WATER—BBL. trace	GAS-OIL RATIO 1698
FLOW. TUBING PRESS.	CASING PRESSURE 150 PSI	CALCULATED 24-HOUR RATE →	OIL—BBL. 106	GAS—MCF. 180	WATER—BBL. trace
					OIL GRAVITY-API (CORR.) 45°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - to be sold as soon as gas connection made.					TEST WITNESSED BY
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		DATE 3/11/83	

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

NMOC

FARMINGTON DISTRICT
4/14

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:				38. GEOLOGIC MARKERS	
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				NAME	NEAR. DEPTH
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		
Gallup	5372	5627	Oil, Gas	Ojo Alamo Kirtland Shale Fruitland Shale Pictured Cliffs Lewis Shale Cliffhouse Mesaverde Upper Mancos Gallup Sands	1540 1625 1890 2130 2185 3625 4545 5365

Rigged up perforators and they could not get computer logging system to work. Used old paper logging equipment and ran Gamma-Ray Correlation Log from 5721' KB, PBTD loggers, to 4200' KB and logged from 2700' KB to 2450' KB and perforate per open hole Induction Log with 3-1/8" casing guns as follows:

2 holes	5372 - 74' KB
5 holes	5402 - 10' KB
3 holes	5421 - 25' KB
1 hole	5436' KB
7 holes	5542 - 54' KB
5 holes	5615 - 27' KB
<u>23 holes</u>	