

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 87401							
4. LOCATION OF WELL (Report location clearly and in accordance with the State requirements) At surface 2154 FNL & 1850 FWL At top prod. interval reported below Same At total depth Same							
14. PERMIT NO. FARMINGTON, N.M. DATE ISSUED							
5. LEASE DESIGNATION AND SERIAL NO.		SE-078874					
6. IF INDIAN, ALLOTTEE OR TRIBE NAME							
7. UNIT AGREEMENT NAME							
8. FARM OR LEASE NAME		Canyon Largo Unit					
9. WELL NO.		311					
10. FIELD AND POOL, OR WILDCAT		Devils Fork Gallup					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA		Sec. 3, T24N, R6W					
12. COUNTY OR PARISH		13. STATE					
Rio Arriba		New Mexico					
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD			
1/16/82	1/25/82	2/18/82	6392' CL 6405' KB	6392' 62'			
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS		
5675' KB	5631' KB			0 - TD			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*				25. WAS DIRECTIONAL SURVEY MADE			
5400 - 5605' KB - Gallup				No			
26. TYPE ELECTRIC AND OTHER LOGS RUN				27. WAS WELL CORED			
Gamma Ray Neutron Correlation Log				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"	20#	232' KB	12-1/4"	175 sx			
4-1/2"	11.6#	5675' KB	7-7/8"	175 sx Class H 2% D-20			
				600 sx Class B 2% D-79			
				100 sx Class H 2% D-20			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	5380	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
5400 - 5402	4 Holes	5461 - 5465	5 Holes	DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5405 - 5410	6 Holes	5479 - 5487	9 Holes	5400 - 5605' KB		See Attached	
5418 - 5422	8 Holes	5504 - 5506	3 Holes				
5430 - 5432	4 Holes	5601 - 5605	8 Holes				
5450 - 5454	8 Holes	.34"					
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2/18/82		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/18/82	24	1/2"		235/day	350	-0-	1489
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	200		235	350	-0-	45	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Vented until 1st delivery on 3/3/82						Carl 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		DATE 3/9/82	
						MAR 18 1982	

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

NMOCO

FARMINGTON DISTRICT
BY *Ellott*

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	5400	5605	Oil, Gas	San Jose Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliffhouse Manefee Pt. Lookout Mancos Gallup	Surface 1484 1570 1900 2110 2230 3620 3695 4235 4550 5395	

32. Cont.

Rig up Western Co. Fraced Gallup Perfs w/75 Quality Foam and 1 gal/1000
Aquaflow, 2% KCL as follows:

15,000 Gal.	Foam Pad
10,000 Gal.	1/2 #/gal 20/40 sand
10,000 Gal.	1 #/gal 20/40 sand
15,000 Gal.	1-1/2 #/gal 20/40 sand
20,000 Gal.	2 #/gal 20/40 sand
Cut sand drop 14 ball sealers	
10,000 Gal.	Foam Pad
5,000 Gal.	1/2 #/gal 20/40 sand
4,000 Gal.	1 #/gal 20/40 sand
4,000 Gal.	1-1/2 #/gal 20/40 sand
6,250 Gal.	2 #/gal 20/40 sand
Cut sand Drop 15 ball sealers	
10,000 Gal.	Foam Pad
4,000 Gal.	1/2 #/gal 20/40 sand
4,000 Gal.	1 #/gal 20/40 sand
4,000 Gal.	1-1/2 #/gal 20/40 sand
6,250 Gal.	2 #/gal 20/40 sand
2,940 Gal.	Flush Foam

Total Sand - 127,000 lbs. 20/40 sand

Total Water - 782 Bbls.

Total N₂ - 2,600,000 SCF

Avg. Rate - 30 BPM

Avg. Pressure - 3600 PSIG.

ISDP - 3100 PSIG

Final Shut-in - 2900 PSI in 15 minutes.

Shut in for 1 hour. Flowed 5 minutes 1/2" choke, shut in 1 hour.

Opened to reserve pit 1/2" choke. Blew down to 650 PSIG. Put into
frac tank overnight.

(SSD)