

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 47-355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. SF-078899	
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 J. Gregory Merrion & Robert L. Bayless		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 507, Farmington, NM 87401		8. FARM OR LEASE NAME Blackrock	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790 FSL & 1650 FWL At top prod. interval reported below Same At total depth Same		9. WELL NO. D-1E	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUDDED 10-18-79		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 20, T26N, R11W	
16. DATE T.D. REACHED 10-27-79		12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 01-18-80		13. STATE NM	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6155' GL		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6130 ft.		21. PLUG, BACK T.D., MD & TVD 6099 ft.	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5912-5953 = Dakota		25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN Slim Hole ES Induction, Neutron Density logs		27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24 lb.	200'	12-1/4"
4-1/2"	10.5 lb.	6130'	7-7/8"
		CEMENTING RECORD	
		215 sacks circulated to surface	
		3 Stage as per attached detail.	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	5996' KB	none	
31. PERFORATION RECORD (Interval, size and number)			
5947-50, 5950-53' w/3PF, 3-1/2" glass jets, .550" diameter.			
5912, 5917, 5922, 5927, 2932, 5937, 5942' w/3PF, 3-1/2" glass jets, .550" diameter.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5912-5953'		Acid and Frac per attached detail.	
33. PRODUCTION			
DATE FIRST PRODUCTION 1-26-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
DATE OF TEST 1-26-80		WELL STATUS (Producing or shut-in) Shut-In	
HOURS TESTED 1	CHOKE SIZE 1-1/4"	PROD'N. FOR TEST PERIOD 2.75 Bbl./Day	OIL—BBL. 2.75 Bbl./Day
FLOW. TUBING PRESS. 27 PSIG	CASING PRESSURE 100 PSIG	GAS—MCF. 1370 MCF/day	WATER—BBL. Mist
CALCULATED 24-HOUR RATE 2.75 bbl/day		GAS—MCF. 1370 MCF/day	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		WATER—BBL. Mist	
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 Engineer	
DATE 1-28-80		DATE 1-28-80	

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

NM0000

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.

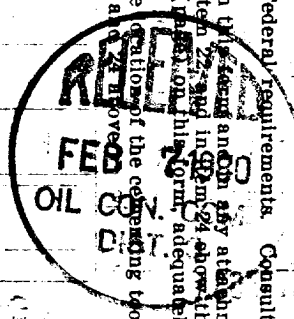
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Cogsent local State or Federal office for specific instructions.

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, below 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 (if any) 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.
Mesa Verde	3292	4050	
Gallup	4870	5120	
Dakota	5912	5953	Natural Gas

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Mesa Verde	3292		
Gallup	4870		
Greenhorn	5748		
Dakota	5912		

Merrion & Bayless
Blackrock D-1E
Well Completion Report
01-28-80

28. Cementing Record:

Cemented first stage with 320 sacks (435 cu. ft.) 50-50 Class H and Poz-Mix with 2% gel and 0.6% Flac. Cemented 2nd stage @ 4081 with 310 sacks Class H with 2% water extender and 1% CaCl_2 followed by 50 sacks Class H with 1% CaCl_2 (total slurry volume 791 cu. ft.). Cemented 3rd stage @ 1520 with 285 sacks Class H with 2% water extender and 1% CaCl_2 followed by 50 sacks Class H with 1% CaCl_2 (total slurry volume 732 cu. ft.).

32. Acid & Fracture Material:

Acid: 300 gal. 7-1/2% HCL; 500 gal. 15% HCL.
Frac: 1050 bbl. mini-mix III 30 gel water w/1% KCL, 2% condensate, 1/2 gal. 1000 bactericide and 20,000 lb. 20/40 sand followed by 50,000 lb. 10/20 sand.

ACCEPTED FOR RECORD

JAN 29 '80

FARMINGTON DISTRICT

BY _____