

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other		5. LEASE DESIGNATION AND SERIAL NO. SF-078040	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR GREAT WESTERN DRILLING CO.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 2550 La Plata Hwy, Farmington, NM 87401		8. FARM OR LEASE NAME Mudge "A"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 860' FNL & 810' FEL At top prod. interval reported below NE/NE At total depth		9. WELL NO. 56	
14. PERMIT NO. 30-045-27788		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
DATE ISSUED 10-1-90		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 10, T-31N, R-11W	
15. DATE SPUDDED 10-3-90		12. COUNTY OR PARISH San Juan	
16. DATE T.D. REACHED 10-7-90		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 11-19-90		19. ELEV. CASINGHEAD	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5959 GR		20. TOTAL DEPTH, MD & TVD 2830	
21. PLUG, BACK T.D., MD & TVD 2780		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 2830		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2373-2637 (37') Fruitland Coal	
25. WAS DIRECTIONAL SURVEY MADE Yes, 500' Interval		26. TYPE ELECTRIC AND OTHER LOGS RUN Spectral Density, Caliper, Coal analysis, Cement Bond & Gama Ray logs	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number) 2389-94, 2507-09, 2563-68, 2591-93, 2609-26 2628-34' 37', 74 .48" holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. (no acid) Frac well w/380,940 gals fresh slick water + 165,000# 100 mesh sand in 8 stages	
33.* PRODUCTION DATE FIRST PRODUCTION 1-12-90 HOURS TESTED 4 CHOKE SIZE 3/4 PROD'N. FOR TEST PERIOD 154 OIL—BBL. 2450 mcf GAS—MCF. 102 mcf WATER—BBL. 198 GAS-OIL RATIO 33 bbls		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 4 hr. vented TEST WITNESSED BY W. Hampton	
35. LIST OF ATTACHMENTS See back side		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	

SIGNED D. E. Baxter TITLE Area Supervisor DATE 1-18-91

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

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				NALIMIENTO	SURFACE	
				OJO-ALAMO	926'	
				KIRTLAND SHALE	1049'	
				FRUITLAND	2190'	
				FRUITLAND COAL	2373'	

RECEIVED
FEB 19 1991
OIL CON. DIV. J
DIST. 3