

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 <u>Coal Seam</u>		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION:		NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other <u>CIC</u>		8. FARM OR LEASE NAME	
2. NAME OF OPERATOR		Great Western Drilling Co.		Mudge Gas Com	
3. ADDRESS OF OPERATOR		2550 La Plata Hwy, Farmington, NM 87401		9. WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*		At surface 1740' FSL & 890' FWL, NW/SW		10. FIELD AND POOL, OR WILDCAT	
At top prod. interval reported below Sec. 11, T-31N, R-11W		At total depth		Basin Fruitland Coal	
14. PERMIT NO.		DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
API# 30-045-28107				Sec. 11, T-31N, R-11W	
15. DATE SPUDDED		16. DATE T.D. REACHED		12. COUNTY OR PARISH	
10-13-90		10-17-90		San Juan	
17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		13. STATE	
1-18-91		6102 GR		NM	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
2988		2940		23. INTERVALS DRILLED BY	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE		ROTARY TOOLS	
2522-2778 (30') Fruitland Coal		Yes 500' intervals		X	
26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED		CABLE TOOLS	
Spectral, Density, Caliper, Coal Analysis, cement bond & Gamma		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"	23	262	12 1/2"	330 cu. ft. 2% CaCl	Cement circulate
4 1/2"	10.5	2988	7-7/8"	702 cu. ft. 65/35 posmix + 6% gel 1/2 cu. ft. perlite per sx added + 3% class "G" neat (did not circulate)	CaCl + 177 cu. ft.
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE
					DEPTH SET (MD)
					PACKER SET (MD)
					2-3/8
					2782
					None
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2522-24, 2735-41, 2743-45, 2754-71				DEPTH INTERVAL (MD)	
2775-78 (30') 4 shots per ft. = 120 holes				AMOUNT AND KIND OF MATERIAL USED	
				(no acid)	
				Frac well w/393,120 gal fresh slt water & 100,000# mesh sand in 9 stages	
33. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
1-18-91					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
1-18-91	4	3/4		0	190 mcf
WATER—BBL.	GAS-OIL RATIO				
32.2					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
119	346		0	1140 mcf	192
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY
4 hrs. test vented					W. Hampton
35. LIST OF ATTACHMENTS					
see back cover for tops					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>D. E. Baxter</u>		TITLE <u>Area Superintendent</u>		DATE <u>2-14-91</u>	

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Nacimientito FM	Surface		
Ojo-Alamo	1070'		
Kirtland Sh.	1143'		
Fruitland FM	2306'		
Fruitland Coal	2522'		

RECEIVED
 APR 03 1991
 OIL CON. DIV
 DIST. 3