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Form 3160-4
(November 1983)
MAR 6 1991
OIL CON. DIV.

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*

1. TYPE OF WELL: OIL ☐ GAS ☐ DRY ☐ Other ☒
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

3. NAME OF OPERATOR
Great Western Drilling Co.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2550 La Plata Hwy, Farmington, NM 87401

At top prod. interval reported below Sec. 15, T-31N, R-11W
At total depth

14. PERMIT NO. API# 30-045-28103
DATE ISSUED

15. DATE SPUDDED 10-17-90
16. DATE T.D. REACHED 10-21-90
17. DATE COMPL. (Ready to prod.) 2-1-91
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6127 GR

20. TOTAL DEPTH, MD & TVD 3002
21. PLUG BACK T.D., MD & TVD 2955
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)*
2510-2788 (31') Fruitland Coal
25. WAS DIRECTIONAL SURVEY MADE
yes
500' intervals

26. TYPE ELECTRIC AND OTHER LOGS RUN
Spectral, Density, Caliper, Coal Analysis, Cement Bond & Gamma Ray
27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)				CEMENTING RECORD		AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE			
8-5/8	23	262	12 1/4	330 cu. ft. + 2% CaCl		cement cir.
4 1/2	11.6 & 10.5	3002	7-7/8	600 cu. ft. 65/35 posmix		6% gel + 1/2 cu. f
				per sx of perlite added +		3% CaCl
				+ 225 cu. ft. Class "G" neat		cement cir to s

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
None					2-3/8	2794
						Packer Set (MD)
						None

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2510-12, 2526-29, 2735-38, 2743-46, 2765-81, 2784-88 31 ft. (62 holes)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		(no acid)	Frac well w/393,120 gal fresh slick water & 100,000# mesh sand in 10 stages.

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
						WO pipe line	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-1-91	4	3/4"		0	63.6		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY API (CORR.)	
115	277		0	382	192		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
4 hr. test vented

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 D. E. Bayler TITLE Area Superintendent DATE 2-25-91

*(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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Nacimientto Fm Ojo-Alamo Kirtland Shale Fruitland FM Top of coal	Surface 1150' 1237' 2320' 2497'	

38. GEOLOGIC MARKERS