

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 LOGS*

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other ☐	
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐
2. NAME OF OPERATOR GREAT WESTERN DRILLING CO.						
3. ADDRESS OF OPERATOR 2550 La Plata Hwy, Farmington, NM 87401						
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2165' FEL and 2195' FSL, Sec. 13, T-26N, R-8W At top prod. interval reported below At total depth						
14. PERMIT NO. 30045282841			DATE ISSUED			
15. DATE SPUDDED 3-5-91		16. DATE T.D. REACHED 3-20-91		17. DATE COMPL. (Ready to prod.) 9-16-91		
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6243' GR		19. ELEV. CASINGHEAD 6243				
20. TOTAL DEPTH, MD & TVD 6774		21. PLUG, BACK T.D., MD & TVD 6690 6510		22. IF MULTIPLE COMPL., HOW MANY* 2		
23. INTERVALS DRILLED BY 6774'		ROTARY TOOLS		CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2149-2183'						
25. WAS DIRECTIONAL SURVEY MADE No						
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual induction, formation density, neutron, caliper, Gamma Ray						
27. WAS WELL CORRED No						
28. CASING RECORD (Report all strings set in well)						
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	
10-3/4"	40.5# K-55	365' KB	14-3/4"	260 cf class "B"	circulated	
7"	23# K-55	4848' KB	8-3/4"	513 cf 65/35 pos + 6% gel		
				+177 cf class "B", 2 stages	circulated	
4 1/2"	11# K-55	4619 to 6696	6 1/2"	222 cf 65/35 + 11% cf class "B"		
29. LINER RECORD						
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)		
4 1/2"	4619	6696	350			
30. TUBING RECORD						
SIZE	DEPTH SET (MD)	PACKER SET (MD)				
2-3/8"	6510	6510				
31. PERFORATION RECORD (Interval, size and number) 2149-51, 2173-83, 15' 2 shots per ft. 30 holes .35" dia. holes						
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED				
2149-83		500 gal 15% HCL				
2149-83		40,500 gal slick water + 25,700 gal 20/40 brady sod				
33. PRODUCTION						
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)	
DATE OF TEST		HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD		
10-25-91		3	3/4"			
FLOW. TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	
Packer		63		1235		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 3 hr. test vented						
35. LIST OF ATTACHMENTS See back for tops						
36. I hereby certify that the foregoing and attached information is complete and correct as determined from my records.						
SIGNED		TITLE				
John B. Keeling		Div. Prod. & Orig Supervisor				
		DATE 12-31-91				

*(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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Nacimiento	747	
				Ojo Alamo	1347	
				Kirtland	1492	
				Fruitland	1850	
				Pictured Cliffs	2145	
				Lewis	2220	
				Cliff House	3717	
				Menefee	3793	
				Point Lookout	4389	
				Mancos	4683	
				Gallup	6353	
				Greenhorn	6955	
				Graneros	6498	
				Dakota	6559	

38. GEOLOGIC MARKERS

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b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

2. NAME OF OPERATOR

GREAT WESTERN DRILLING CO.

3. ADDRESS OF OPERATOR

2550 La Plata Hwy, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

2165' FEL and 2195' FSL Sec. 13, T-26N, R-8W

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3-5-91

16. DATE T.D. REACHED

3-20-91

17. DATE COMPL. (Ready to prod.)

5-20-91

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6243 GR

19. ELEV. CASINGHEAD

6243

20. TOTAL DEPTH, MD & TVD

6774'

21. PLUG BACK T.D., MD & TVD

6510' 6698'

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

6774'

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

6580-6566' Basin Dakota

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual induction, formation density neutron, caliper, gamma ray

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5 K-55	365' KB	14-3/4"	260 cu. ft. class "B"	circulated
7"	23# K-55	4848' KB	8-3/4"	513 cu. ft. 65/35 + 6% gel	2739 g.
				+ 177 cu. ft. class "B" 2	stages circulated
4 1/2"	11# K-55	4619 to 6696'	6 1/2"	232 cu. ft. 65/35, f/w	rev. 20 bbl. go

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	4619	6696	350 cu. ft		2-3/8"	6510	6510

31. PERFORATION RECORD (Interval, size and number)

6580-90, 6594-96, 6602-08, 6610-16, 6618-30
6634-42, 6650-53, 6654-67
60' 2 shots per ft 120 holes .48" dia holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6580-6667	1000 gal 15% HCL
6580-6667 frac	183,000# 20/40 sand 104,000 gal slick water

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)		
DATE OF TEST		HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-18-91		3 hrs	3/4"	→			trace	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
63	500	→		1035	2			

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

3 hrs. test vented

35. LIST OF ATTACHMENTS

See back for tops

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

John B. Keeling

TITLE

Div. Prod. & Drlg Supervisory AREA 12-30-91

*(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):

38.

GEOLOGIC MARKERS

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				Fruitland	1850'	
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				Lewis	2220'	
				Cliff House	3717'	
				Menefee	3793'	
				Point Lookout	4389'	
				Mancos	4683'	
				Gallup	6353'	
				Greenhorn	6455'	
				Graneros	6498'	
				Dakota	6559'	