

(November 1983)

(formerly 0-1300)

UN ED STATES

SUBMIT IN DUPLICATE

Form approved.

Budget Bureau No. 1004-0137

Expires August 31, 1985

Cons. Commission DEPARTMENT OF THE INTERIOR

Artesia, NM 88201 BUREAU OF LAND MANAGEMENT

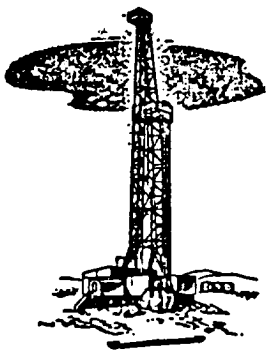
WELL COMPLETION OR RECOMPLETION REPORT **MAR 5 '86**

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DR ☐	UNACCEPTED FOR RECORD		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP EN ☐	PLUG BACK ☐	DIFF. RESER ☐	
2. NAME OF OPERATOR		Great Western Drilling Company				MAR 2 1990	
3. ADDRESS OF OPERATOR		P.O. Box 1659, Midland, Texas 79702					
4. LOCATION OF WELL (Report location clearly and in accordance with BLM Form 3160-4)		At surface 1,980' FNL, 660' FWL of Sec. 23 (SW $\frac{1}{4}$, NW $\frac{1}{4}$) (Unit E)					
At top prod. interval reported below		Same					
At total depth		Same					
14. PERMIT NO. API #		30-005-62709		DATE ISSUED		---	
15. DATE SPUDDED		7-10-89		16. DATE T.D. REACHED		7-18-89	
17. DATE COMPL. (Ready to prod.)		01-03-90		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		3,820.1' GR (3,830' KB*)	
19. ELEV. CASINGHEAD		3,819.1'		20. TOTAL DEPTH, MD & TVD		4,150'	
21. PLUG, BACK T.D., MD & TVD		4,093'		22. IF MULTIPLE COMPL., HOW MANY*		---	
23. INTERVALS DRILLED BY		0-4,150'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		Top 3,674', bottom 3,860' Abo	
25. WAS DIRECTIONAL SURVEY MADE		No					
26. TYPE ELECTRIC AND OTHER LOGS RUN		Litho-Density/Neutron-GR, Dual Laterolog/MSFL & Caliper					
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#	904' KBM	14-3/4"	370 Sx. Lite & 255 Sxs."C"	Cmt. Circ.		
5-1/2"	17 & 20#	4,151' KBM	9-7/8" & 7-7/8"	825 sx. Lite & 375 Sxs."C"	T-Cmt. 470' Temp. Surv		
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	
					2-3/8"	3,855' KBM	
31. PERFORATION RECORD (Interval, size and number)							
Perfs: 3,855-60', 3,841-50', 3,762-70', 3,721-25.5', 3,729.5-34.5', 3,674-91', 3,701-11', 3,738-45' & 3,724-3,729', total 70', 70 holes.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED				
3,674'-3,860'			4,000 gals. 7 $\frac{1}{2}$ % HCL acid & frac w/1,150 Bbls. 30# Cross-link gel + 64,780 lbs. 20-40 mesh Sd. + 46,160 lbs. 12-20 mesh Sd.				
33. Test attached							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping, size and type of pump)			WELL STATUS (Producing or shut-in)		
01-02-90		Flowing			shut-in		
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	
01-02-90	4-1/4	1/8, 3/16, 7/32, 1/4	1/4	0	70.99	0	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1/4" CK. 354	380	---	0	519	0	0	
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)						TEST WITNESSED BY	
Pending A.O.F. 869 MCFD						John Keeling	
35. LIST OF ATTACHMENTS							
2 Sets of Logs & deviation Survey & Back Pressure Test.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE			DATE		
M.B. Myers		Ass't. to Genl. Supt.			01-23-90		

*(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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Sd., Sh. & Redbeds	0'	620'		T-Grayburg	514' (+3316)	
Redbeds & Anhy.	620'	904'		T-San Andres	744' (+3086)	
Sh. & Anhy.	904'	1,017'		T-Glorieta	1,560' (+2270)	
Anhydrite	1,017'	1,567'		T-Tubb	2,976' (+854)	
Sh. & Anhy.	1,567'	2,363'		T-Abo	3,630' (+200)	
Anhy., Lime, Dolo. Salt	2,363'	3,198'				
Anhy., Lime, Dolo.	3,198'	3,678'				
Anhy., Lime, Shale	3,678'	3,962'				
Sd., Lime, Anhy., Sh.	3,962'	4,150'				



Telephone (505) 748-2205

L & M DRILLING, INC. — Oil Well Drilling Contractors

P. O. BOX 672 / ARTESIA, NEW MEXICO 88210
470

July 26, 1989

Great Western Drilling Company
PO Box 1659
Midland, TX 79702

Re: Quail Federal #3
1980' FNL & 660' FWL
Sec. 22, T6S, R25E
Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
653'	3/4°
904'	3 3/4°
942'	2 3/4°
1035'	3°
1160'	3/4°
1405'	2°
1807'	1 3/4°
2369'	1°
2854'	1 3/4°
3349'	3/4°
3844'	1 1/4°
4150'	2°

Very truly yours,

B. N. Muncy Jr.
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 26th day of July, 1989.

NOTARY PUBLIC

