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Form 3150-4

AUG 08 1991

(Rev. 11-1-83)

O. C. D.
ARTESIA, OFFICEUNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM Oil Cons. Commission

Drawer DD

Artesia, NM 88210

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.

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

45F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

2. NAME OF OPERATOR

Great Western Drilling Company

3. ADDRESS OF OPERATOR

P.O. Box 1659, Midland, TX 79702

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

At surface 760' FSL & 900' FEL, Sec. 4, T-6-s, R-25-E, Well P

At top prod. interval reported below

At total depth same

14. PERMIT NO. API# DATE ISSUED
30-00562802

5. LEASE DESIGNATION AND SERIAL NO.

NM-15862

6. IN INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Quail Federal

9. WELL NO.

8

10. FIELD AND POOL, OR WILDCAT

Pecos Slope Abo

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 4, T-6-s, R-25-E

12. COUNTY OR PARISH
Chaves13. STATE
NM

15. DATE SPUDDED 3-17-91 16. DATE T.D. REACHED 3-25-91 17. DATE COMPL. (Ready to prod.) 7-2-91 18. ELEVATIONS (OF RKB, RT, GR, ETC.)* 3,989' GR (3,998' RT) 19. ELEV. CASINGHEAD 3,988'

20. TOTAL DEPTH, MD & TVD 4,100' RTM 21. PLUG BACK T.D., MD & TVD 4,052' RTM 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10-4,100'

3,770' Bottom 4,029' Abo

Dual Laterolog Micro-SFL, Compensated Neutron-Litho-Density

25. WAS DIRECTIONAL SURVEY MADE No

26. WAS WELL CORED No

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	910' RTM	14-3/4"	325 Sxs. Lite, 250 Sxs. "C"	Circ.
4-1/2"	11.5	4,100' RTM	7-7/8"	275 Sxs. "C" 65-35 Poz (est. 3,300' T-Cmt.)	T-Cmt. 3,756'
Perf. 4-holes @ 3,850', Sq. 150 Sxs. "C", ran CBL					T-Cmt. 3,100'
Perf. 4-holes @ 3,750', Sq. 50 Sxs. HO & 150 Sxs. "C", ran CBL					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE DEPTH SET (MD) PACKER SET (MD)
					2-3/8" 4,029' None

31. PERFORATION RECORD (Interval, size and number)

Perfs.: 3,770'-3,774', 3,839'-3,851', 3,860'-3,870', 3,927'-3,943', 4,014'-4,029', (57'-57 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3,770'-4,029'	Acidized 4,000 gals. acid-frac w/40,000 gals. cross-link gel containing 60,000 lbs. 20-40 Sd. & 30,500 lbs. 12-20 mesh Sd.

33. Test Attached

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7-2-91		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-2-91	4-1/2	1/8, 3/16, 7/32, 1/4"	→	0	88	1	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
439	450	→	0	469	5	0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							

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

Pending A.O.F. 854 MCFD, gas vented

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

M. B. Myers

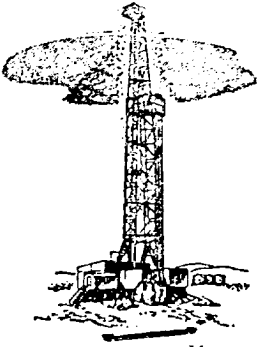
ACCEPTED FOR RECORD
PETER W. CHESTER
BUREAU OF LAND MANAGEMENT
TITLE RECORDS & GEN. Supt.

DATE 07-17-91

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

GEOLOGIC MARKERS	
38.	
NAME	TRUE
	TOP

FORMATION	TOP	BOTTOM		MEAS. DEPTH	VERT. DEPTH
			T-Yates T-San Andres T-Abo	1,595' 2,447' 3,650'	



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

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

March 28, 1991

Great Western Drilling Company
PO Box 1659
Midland, TX 79702

Attn: Curtiss Mahanay

Re: Quail Federal #8
760' FSL & 900' FEL
Sec. 4, T6S, R25E
Chaves County, New Mexico

Mr. Mahanay:

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

DEPTH	DEVIATION
537'	1°
1393'	1 1/2°
1829'	1°
2329'	1 1/2°
2828'	1°
3326'	1°
3826'	1 1/2°
4100'	1°

Very truly yours,

C. E. LaRue
Vice President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this
28th day of March, 1991.

NOTARY PUBLIC

