

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM-84902

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Quail Federal #6

9. API WELL NO.

30-025-34116

10. FIELD AND POOL, OR WILDCAT

NE Lea Delaware

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

Section 3 T20S-R34E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

15. DATE SPUDDED

9-4-97

16. DATE T.D. REACHED

9-23-97

17. DATE COMPL. (Ready to prod.)

10-16-97

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

3663' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8360'

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

8300'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

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

8204'---8228' Delaware

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBT/VDL/GR

27. WAS WELL CORRED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT FULLED
13 3/8"	54.5#	1590'	17 1/2"	800sx Premium Plus w/add	330 sx to surface
8 5/8"	32#	4993'	11"	1650sx Premium Plus w/add	200 sx to surface
5 1/2"	17#	8360'	7 7/8"	850sx Premium Plus w/add	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	8180'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

8204'---8228' 4 SPF 80 holes 0.42" EHD

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8204'---8228'	1000g 7 1/2% NEFe
	118,305# 16/30 Ottawa sand in
	30# x-linked gel

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-16-97		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
10-24-97	24		→	41	30	241	732/1
FLOW, TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
		→	41	30	241	38	

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

Sold

35. LIST OF ATTACHMENTS

Deviation survey. Logs previously sent.

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

SIGNED

John C. Maxey, Jr.

TITLE

Petroleum Engineer

DATE 10-30-97

(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Brushy Canyon	8204'	8228'	sand	Base Red Bed Yates 7 Rivers Delaware Bone Spring		1600' 3300' 3920' 5374' 8258'



KEN REYNOLDS-PRESIDENT
GARY W. CHAPPELL-VICE PRESIDENT

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

September 25, 1997

Read & Stevens, Inc.
P.O. Box 1518
Roswell, NM 88202-1518

RE: Quail Federal #6

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Lea County, New Mexico.

327' - 1/2°	2,573' - 1 1/2°	3,427' - 1 3/4°	5,911' - 1 3/4°
799' - 1/2°	3,073' - 2 3/4°	3,833' - 1 3/4°	6,382' - 1 3/4°
1,267' - 1°	3,109' - 2°	4,324' - 1 1/2°	6,882' - 1/2°
1,590' - 2°	3,204' - 2°	4,806' - 1 1/2°	7,382' - 1 1/4°
2,074' - 2°	3,299' - 2 1/2°	4,993' - 1 1/4°	7,854' - 1°
		5,411' - 1 1/4°	8,360' - 1°

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 25th day of September 1997 by Gary W. Chappell.

MY COMMISSION EXPIRES

JUNE 20, 2000

NOTARY PUBLIC