

37. SUMMARY OF POROUS ZONES: (Show all important zones or 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
Kirtland Shale	behind surface pipe		Sandstone, shale, siltstone	Kirtland		
Fruitland	1291	1612	Sandstone, siltstone, shale Coal, natural gas & water	Fruitland	1291	1291
Pictured Cliffs	1612	TD	Sandstone	Pictured Cliffs	1612	1612

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BLM  
98 SEP 25 PM 1:11  
070 FARMINGTON, NM

38. GEOLOGIC MARKERS

(October 1990)

UNITED STATES

SUBMIT IN DUPLICATE

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

FOR APPROVED  
OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-078214

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Tiger #8

9. API WELL NO.

30-045-29544

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 34, T30N R13W

12. COUNTY OR PARISH  
San Juan

13. STATE  
New Mexico

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED  
7/1/1998

16. DATE T.D. REACHED  
7/7/1998

17. DATE COMPL. (Ready to prod.)  
9/24/1998

18. ELEVATIONS (DF, RKB, RT, FE, ETC.) \*  
5679 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
1770 Ft

21. PLUG, BACK T.D., MD & TVD  
1730 Ft

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) \*

1512 - 1588 Fruitland Coal

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction - GR - Density

25. WAS DIRECTIONAL SURVEY MADE  
No

27. WAS WELL CORED  
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 PULLED
7"	23 #/Ft	247 Ft	8 3/4"	115sx (136 ft3) Class B W/2% CaCl, Cement Circulated	
4 1/2"	10.5 #/Ft	1756 Ft	6 1/4"	100sx (208 ft3) Class B W/2% Econolite, tailed with	
				70sx (83 ft3) Class B, Cement Circulated	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8"	1585 Ft	None

31. PERFORATION RECORD (Interval, size and number)

1512 - 1521 with 19 - .34" diameter holes

1571 - 1588 with 35 - .34" diameter holes

total 54 - .34" diameter holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1512 - 1588	750 gal 7 1/2% HCl acid
	22,000 gal 70 quality foam, 60,000 Lbs 16/30 sand

33. * PRODUCTION							
DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
9/24/1998		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
9/24/1998	3 Hrs.	3/4"			No flow		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
0 psi	260 psi			No flow			

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

Shut-in waiting on gas connection

TEST WITNESSED BY

David Ball

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE Petroleum Engineer

DATE 9/24/98

\*(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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

FARMINGTON DISTRICT OFFICE

RV