

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		2. NAME OF OPERATOR Cross Timbers Operating Company		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other <input type="checkbox"/>		3. ADDRESS AND TELEPHONE NO. 2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401		8. FARM OR LEASE NAME, WELL NO. Federal Gas Com 1 #2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1,000' FNL & 2,320' FEL Sec 20, T32N, R12W At top prod. interval reported below  At total depth		5. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5,940' KB		9. API WELL NO. 30-045-29816	
14. PERMIT NO.		DATE ISSUED OCT 8 1999		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
15. DATE SPUDDED 07/14/99		16. DATE T.D. REACHED 07/18/99		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 20, T 32 N, R 12 W	
17. DATE COMPL. (Ready to prod.) 9/03/99		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5,940' KB		12. COUNTY OR PARISH San Juan	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 2,285' KB		13. STATE NM	
21. PLUG, BACK T.D., MD & TVD 2,238' KB		22. IF MULTIPLE COMPL., HOW MANY*		24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 1,853' - 2,109'	
23. INTERVALS DRILLED BY ROTARY TOOLS 0-2,285'		CABLE TOOLS		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Neutron & Induction log		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
9-5/8" H-40	32.3#	147'	12-1/4"	Surf 100 sx	
7" J-55	23#	2,285'	8-3/4"	475' By TS 290 sx	
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"	2,158'				
31. PERFORATION RECORD (Interval, size and number)					
2,073' - 2,109'					
1,954' - 59' & 1,961' - 70'					
1,853' - 57', 1,863' - 68', 1,879' - 85' & 1,891' - 97'					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
Frac 2,073-2,109'			103112 gals gel wtr & 105468# 12/20		
Frac 1,954'-70'			42125 gal gel wtr & 69,220# 12/20		
Frac 1,853'-97'			28891 gal gel wtr & 22,427# 12/20		

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Pumping	
DATE OF TEST 9/7/99	HOURS TESTED No flow	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
FLOW. TUBING PRESS. 10 psig SI	CASING PRESSURE 290 psig SI	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be Sold							
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 Loren W Fairhead TITLE Operations EngineerDATE 9-24-99

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and content 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
				Farmington SS	1034'	
				Lower Kirtland Sh	1094'	
				Fruitland	1595'	
				Pictured Cliffs	2114'	

*Revised*

