Form 3160-4 (July 1992)

SIGNED

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE*

FORM APPROVED OMB NO. 1004-0137

JFFICE

(See other instructions on

Expires: Pebruary 28, 1995 5. LEASE DESIGNATION AND SERIAL NO.

reverse side) **BUREAU OF LAND MANAGEMENT** SF-077382 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG* GAS X 7. UNIT AGREEMENT NAME 1a. TYPE OF WELL: Other b. TYPE OF COMPLETION: DEEP-NEW X Other 8. FARM OR LEASE NAME, WELL NO. 2. NAME OF OPERATOR R. P. Hargrave M #1 Cross Timbers Operating Company 9. API WELL NO. 3. ADDRESS AND TELEPHONE NO 2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 8/46: 30-045-30148 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State require Fulcher Kutz Pictured Cliffs 660' FNL & 1,980' FWL DIST. 8 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA At top prod. interval reported below Sec 9, T27N, R10W At total depth 14. PERMIT NO. 12. COUNTY OR DATE ISSUED 13 STATE 15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD 05/08/00 05/12/00 6.072' GR RKB 06/23/00 est. 6.076 6.072 20. TOTAL DEPTH, MD & TVD 21. PLUG. BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 2,140 2,160 Х 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE 1,966'-1,998', Pictured Cliffs 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED GR/DIL/SGRD; GR/SDL/DSN; GR/CCL N CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT, LB./FT. TOP OF CEMENT, CEMENTING RECORD DEPTH SET (MD) HOLE SIZE AMOUNT PULLED 7"/J-55 20 214 8-3/4 100 sx, circ cmt to surf 10.5 4-1/2"/J-55 2.153 6-1/4" 240 sx, circ cmt to surf LINER RECORD TUBING RECORD 30. SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 2-3/8" 1,988' 31. PERFORATION RECORD (Interval, size and number)
1,966'-1,975' & 1,979- 1,998' 1 JSPF (ttl 30 -ACID, SHOT, FRACTURE, CEMENT SOUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 1.966'-1.998' .000 g 15% HCl acid + 50 BS: 0.33" holes) 43,200 g 700 N2 foamed wtr with 111,200 lbs 16/30 sand PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) WELL STATUS (Producing or WO pipeline Flowing SI DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL - BBL. GAS - MCF. WATER - BBL GAS - OIL RATIO 3/8" 06/13/00 3 0 15 4 FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL - BBL GAS - MCF. WATER - BBI. OIL GRAVITY - API (CORR.) 35 61 0 120 32 TEST WITAGGEPTED FOR RECORD 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold John Rector 35. LIST OF ATTACHMENTS JUN 2 3 2000 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records BY 06/15/00

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

TITLE Operations Engineer

FORMATION	TOP	BOTTOM	ORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC.		GEOLOGIC MARKERS	G G
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo Ss.	933.	
				Kirkland Sh.	1,090	
				Fruitland Fm.	1,656	
				L. Fruitland Coal	1,942	
				Pictured Cliffs	1,959	