

Expires August 31, 1985

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"/>		7. UNIT AGREEMENT NAME N/A	
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"/>		8. TERM OF LEASE NAME Federal M2	
2. NAME OF OPERATOR Quinoco Petroleum, Inc.				9. WELL NO. 1	
3. ADDRESS OF OPERATOR P.O. Box 378111, Denver, CO 80237				10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 835' FSL & 1275' FWL At top prod. interval reported below At total depth as above				11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 1-t31N-R13W	
14. PERMIT NO. 30-045-27611				12. COUNTY OR PARISH San Juan	
15. DATE SPUDDED 4/1/90				13. STATE NM	
16. DATE T.D. REACHED 4/2/90		17. DATE COMPL. (Ready to prod.) 4/17/90		18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 5,780' GR, 5,792' KB	
19. TOTAL DEPTH, MD & TVD 2,210'		20. PLUG, BACK T.D., MD & TVD 2,158'		21. IF MULTIPLE COMPL., HOW MANY* N/A	
22. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2,026 - 2,064' Fruitland Coal		23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS		24. WAS DIRECTIONAL SURVEY MADE Yes	
25. TYPE ELECTRIC AND OTHER LOGS RUN CBL				26. WAS WELL CORED No	
27. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8"		24#		312'	
5-1/2"		17#		2,210'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12-1/4"		200 sxs Class "B"		None	
7-7/8"		250 sxs 65-35 lite & 75 sxs Class "B"		None	
28. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
2-7/8"		2,103.72' KB		-	
29. PERFORATION RECORD (Interval, size and number)					
3,026-46', 2,046-55', 2,061-64' w/4 SPF (total of 52 shots)					
30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
2,026-2,064		2,172 bbls of 30# gelled H ₂ O			
		23,750# 40/70 sd, 150,000# of 12/20 sd			
31. PRODUCTION					
DATE FIRST PRODUCTION 4/18/90		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping		WELL STATUS (Producing or shut-in) SI-WOPL	
DATE OF TEST 6/1/90		HOURS TESTED 24		CHOKE SIZE -	
FLOW. TUBING PRESS. 50		CASING PRESSURE 50		CALCULATED 24-HOUR RATE -	
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY Jim Bonaventura		ACCEPTED FOR RECORD	
32. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.					
SIGNED Valley S. Richardson		TITLE Sr. Ops. Eng. Tech.		DATE 7/13/90	

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

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Fruitland Coal	1,444	2,065	Carbonaceous Shales, Medium to Fine - grained sandstones & coal beds

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	Surface	Surface
Kirtland	608'	608'
Fruitland	1,444'	1,444'
Pictured Cliffs	2,065'	2,065'

WELL NAME: Federal M #2-1 ELEVATION: GR 5,780' K.B. 5,792'
CO. NAME: Quinoco Petroleum Inc. SECTION: 1, T31N, R13W
CONTRACTOR: 4-Corners RIG# 4 CO. & STATE: San Juan Co., New Mexico
SPUD DATE: 3-31-90 T.D. DATE: 4-1-90

[illegible]