

CONFIDENTIAL

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ REPAIR ☐ PUMP BACK ☐ DIFF. REPAIR ☐ Other ☐

3. NAME OF OPERATOR

Richmond Petroleum Inc.

4. ADDRESS OF OPERATOR

2651 N. Harwood, Suite 360, Dallas, TX 75201

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):

At surface 870' FNL & 1110' FEL (NENE)

At top prod. interval reported below

At total depth same

14. PERMIT NO. DATE ISSUED

30-039-27553

6. LEASE DESIGNATION AND SERIAL NO.
NM-18328

7. IF INDIAN ALLOTTEE OR TRIBE NAME

8. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME

Federal 29-4-32

10. WELL NO.

1

11. FIELD AND POOL OR WILDCAT

Basin-Fruitland Coal Gas

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

Sec. 32, T29N, R4W

13. COUNTY OR PARISH

Rio Arriba

14. STATE

NM

15. DATE SPUDDED 8/23/89 16. DATE T.D. REACHED 8/30/89 17. DATE COMPL. (Ready to prod.) 9/27/89 18. ELEVATIONS (OF RNB, RT, GE, ETC.) 7,428' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4,487' KB 21. PLUG BACK T.D., MD & TVD 4,368' 22. INTERVALS CEMENTED BY ROTARY TOOLS 23. CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) Fruitland 4,090' - 4,250' KB 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron Gamma Ray CCL 27. WAS WELL CORRED No

OIL CON. DIV.
DIST. 3

CASING RECORD (Report all strings set in well)						AMOUNT FILLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		
8-5/8"	24# ft	240' KB	12-1/4"	150 sx Cl "8" w/2% CaCl &		1/4# cello flake
5-1/2"	15.5# ft	4,487' KB	7-7/8"	400 sx Cl "8" w/2% sodium		metasilicate
				200 sx Cl "8" 2% CaCl		

LINER RECORD					TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2-3/8"	4,079' KB

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4,192' - 4,230' K.B., 4 SPF		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4,136' - 48' K.B., 4 SPF		4,180' KB - 4,230 KB	Frac w/79.086 Gal gel Co.
4,108' - 4,110' K.B., 4 SPF			14,660 lbs 40-70 sand
			119,196 lb 12-20 sand

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
						Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/9/89	24			0	23	0	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	ACCEPTED FOR RECORD	
100 psi	100 psi		0	23	0		

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

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 Steven S. Dunn TITLE Engineer DATE 5/1/92

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
Fruitland	4,090'	4,250'	Gas, Water	Ojo Alamo Kirtland Shale Fruitland Pictured Cliffs
				MEAS. DEPTH'
				TRUE VERT. DEPTH'
				3,700'
				3,860'
				4,090'
				4,250'