

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐

2. NAME OF OPERATOR

Richmond Petroleum Inc.

3. ADDRESS OF OPERATOR

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

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

At surface 1180' FSL & 1020' FWL (SWSW)

At top prod. interval reported below

same

At total depth

same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

8/8/89

16. DATE T.D. REACHED

8/19/89

17. DATE COMPL. (Ready to prod.)

9/12/89

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

6,881 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3,700' KB

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

3,652' KB

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS PRODUCED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Fruitland 3,360' - 3,810'

RECEIVED
OCT 25 1989

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spaced Neutron, Gamma Ray, CCL log

OIL CON. DIV.

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

DIST. 3

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#/ft	275' KB	8-3/4"	130 sx Class "B" w/ 2% CaCl	
7"	23#/ft	3,298' KB	8-3/4"	220 sx Class "B" w/ 2% chem extender 1/4#/s. celloflake & 2% CaCl	
4-1/2"	11.6#/ft	3,678' KB	4-2/4"	150 sx Class "B", 2% CaCl & 1/4#/sk celloflake	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4"	3,230' KB	3,697' KB	80	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	3,700' KB	
2-7/8"	3,329' KB	

31. PERFORATION RECORD (Interval, size and number)

3,360' - 66' KB 4 SPF
3,444' - 48' KB 4 SPF
3,462' - 72' KB 4 SPF
3,480' - 90' KB 4 SPF
3,588' - 3,614' KB 4 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3,360' - 3,614'	Frac w/ 54,180 gal x-link 23,562 lbs 40-70 sand 115,920 lbs 12-20 sand

33.*

PRODUCTION

DATE

size and type of pump)

WELL STATUS (Producing or shut-in)

Shut-in

33. Test data to be provided within 90 days after production starts.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

FLOW, TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY

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

Steven S. Dunn

TITLE

Engineer

DATE 10/9/89

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

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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland	3,360'	3,810'	Gas, water	Ojo Alamo	3,010'	
				Kirtland Shale	3,150'	
				Fruitland	3,360'	
				Pictured Cliffs	3,810'	

6