

~~CONFIDENTIAL~~

cc: Richmond Petroleum

Dana Delventhal

Well File

Form approved.

Budget Bureau No. 1004-0137

Expires August 31, 1985

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Whether in-
structions on
reverse side

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. REVR. ☐ 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 800' FSL and 790' FWL (SWSW)

At top prod. interval reported below

same

At total depth

same

14. PERMIT NO.

DATE ISSUED

30-039-27554

15. DATE SPUDDED

9/9/89

16. DATE T.D. REACHED

9/16/89

17. DATE COMPL. (Ready to prod.)

10/11/89

18. ELEVATIONS (DP, RNB, RT, GR, ETC.)*

7,482' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4,466'

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

4,425'

22. IF MULTIPLE COMPL.

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Rotary

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

Fruitland 4,177' - 4,337'

JUN 14 1990

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Neutron, Gamma Ray, Correlation

OIL CON. DIV.

27. WAS WELL CORED

NO

CASING RECORD (Record all casings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#/ft	253'	12-1/4"	150 sx Cl "B" 2% Caci & 1/4#/sx cello flake	
5-1/2"	15.50#/ft	4,481'	7-7/8"	550 sx Cl "B" w/ 2% sodium metasilicate & 1/4#/sx cello flake and 200 sx Cl "B" w/ 2% Caci and 1/4#/sx cello flake	

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"	4,283' K.B.	

31. PERFORATION RECORD (Interval, size and number)

4,282' - 4,332' 4 SPF

4,226' - 36' 4 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4,226' - 4,332'	Frac w/ 30% cross-link gel w/ 300 SCF CO ₂ , 17,892 lbs 40-70 sand, 183,720 lbs 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
11/12/89	24		→	0	48	6	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
100 psi	100 psi	→	0	48	6		
24. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			ACCEPTED FOR RECORD				
			TEST WITNESSED BY				

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 5/1/90

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

ACCEPTED FOR RECORD

TEST WITNESSED BY
Carl Merilatt

MAY 22 1990

FARMINGTON RESOURCE AREA

BY

7. 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):

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
				3,700'
				3,860'
				4,090'
				4,250'
				TRUE VERT. DEPTH