

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

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

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 ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. GENVR. ☐ Other _____

3. NAME OF OPERATOR

Phillips Petroleum Company

4. ADDRESS OF OPERATOR

5525 Hwy 64, NBU 3004, Farmington, NM 87401

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

At surface Unit L, 1418' FSL & 1147' FWL

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO.

30-039-24945 10-1-90

6. LEASE DESIGNATION AND SERIAL NO.

SF-078999

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

8. UNIT AGREEMENT NAME

San Juan 31-6 Unit

9. FARM OR LEASE NAME

10. WELL NO.

231

11. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 27, T31N, R 6W

13. COUNTY OR PARISH

Rio Arriba

14. STATE

NM

15. DATE SPUDDED 10-21-90 16. DATE T.D. REACHED 7-24-91 17. DATE COMPL. (Ready to prod.) Perf'd 7-29-91 18. ELEVATION (DP, RKB, ST, OR, ETC.)* 6448' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3328' 21. PLUG BACK T.D., MD & TVD 3326' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS X 25. CABLE TOOLS

26. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3176'-3326' Fruitland 27. WAS DIRECTIONAL SURVEY MADE NO

28. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL 29. WAS WELL CORRED NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#, K-55	266.45'	12-1/4"	250 Sx C1 B, Circ 123 Sx	
7"	23#, J-55	3141.30'	8-3/4"	500 Sx 65/35 Poz, 150 Sx C1 B, Circ 92 Sx	

31. LINER RECORD					32. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	3054'	3327'	None		2-3/8"	3317'	None

33. PERFORATION RECORD (Interval, size and number)
Perf'd w/4 spf
3288'-3326'; 3246'-3268'; 3222'-3232';
3176'-3182'
Total of 304 Shots

34. ACID, SHOT, FRACTURE CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) 3176'-3182'
AMOUNT AND KIND OF MATERIAL USED
Frac'd w/156,618 gal gelled fluid,
w/2% KCL/20,920# 40/70 mesh sand
201,200# 12/20 mesh sand, 714 bbl
prepad, 1 ppg 40/70 mesh sand, 7ppg
12/20 mesh sand, 116 bbl wtr, 2400ps

35. PRODUCTION
DATE FIRST PRODUCTION SI
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing
WELL STATUS (Producing or shut-in) SI
DATE OF TEST 8-1-91 HOURS TESTED 1 CHOKER SIZE 2" PROD'N. FOR TEST PERIOD
OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO
FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE
SI 1400 SI 1420 183 929
OIL GRAVITY-API (CORR.)

36. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Waiting on Connection TEST WITNESSED BY Gene J.

37. LIST OF ATTACHMENTS None

38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED R. A. Alfred TITLE Drilling Supervisor DATE 8-6-91

*(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, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2435'	2600'	Sandstone			
Kirtland	2600'	3035'	Sandstone & Shale			
Fruitland	3035'	3160'	Sandstone & Shale & Coal			
Fruitland Coal	3160'	3322'	Shale & Coal			
Pictured Cliffs	3332'		Sandstone			