

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. REVR. ☐ Other _____

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

5525 Hwy 64 NBU 3004, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with an approved location map.)

At surface Unit K, 2067' FSL & 1819' FWL

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO.

30-039-24976

JAN 24 1992

OIL CON. DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.

NM-011349

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 29-5 Unit

8. FARM OR LEASE NAME

9. WELL NO.

201

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 27, T29N, R5W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED

12-4-90

16. DATE T.D. REACHED

12-08-90

17. DATE COMPL. (Ready to prod.)

Perf'd 12-20-91

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

6800' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3832'

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

3800'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

3529' - 3746' Fruitland

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL

27. WAS WELL CORED

NO

28. 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	285.61'	12-1/4"	250 Sx C1 B, Circ 71 Sx	
5-1/2"LS	15.5#, J-55	3832.42'	8-3/4"	175 Sx C1 B, Circ 85 Sx (1st stage)	
				825 Sx 65/35 Poz, 60 Sx C1 B, Circ 243 Sx	

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"	3691'	None
4.7#, J-55		

31. PERFORATION RECORD (Interval, size and number)

Perf'd w/2 spf
3728'-3746'; 3696'-3704' (Total 52 Holes)
3604'-3635'; 3584'-3590'; 3552'-3572';
3529'-3534' (Total 128 Holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHED	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
SI		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-8-92	1	2"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	SPEC. GRAVITY-API (CORR.)	
SI 1000	SI 1100	→	---	263	No. 1	FOR RECORD	

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

Waiting on Connection

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from my own records

SIGNED

R. A. Allred

NMOCD

TITLE Drilling Supervisor

DATE 1-15-92

*(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):

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	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2974'	3170'	Sandstone	Diagram of wellbore showing depths: 2974', 3170', 3500', 3559', 3743', 3759'. Labels include 'OJO ALAMO', 'KIRTLAND', 'FRUITLAND COAL', 'PICTURED CLIFFS', 'SANDSTONE', 'SHALE & COAL', 'SANDSTONE & SHALE', 'SANDSTONE'.		
Kirtland	3170'	3500'	Sandstone & Shale			
Fruitland	3500'	3559'	Sandstone & Shale & Coal			
Fruitland Coal	3559'	3743'	Shale & Coal			
Pictured Cliffs	3759'		Sandstone			

SAN JUAN 29-5 UNIT WELL NO. 201 FRAC INFORMATION

Frac'd from 3696' - 3746'. Howco frac'd w/18,565 gal X-link gel, 582,000 SCF N₂ @ 70% quality foam and 80,000# 16/30 sand to 5.5 ppg. Flushed csg w/3485 gal gel. Max press 1880 psi, avg press 1770 psi, ISIP 717 psi, avg rate 30 bpm.

Frac'd from 3529' - 3635'. Howco frac'd w/32,971 gals gel, 1,150,050 SCF N₂ @ 70% quality foam, and 204,892# 16/30 sand to 5 ppg. Flushed w/3214 gals gel. Max press 2650 psi, avg press 2400 psi, ISIP 1800 psi, avg inj. rate 60 bpm.