

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 any well requirements)*

At surface Unit G, 1544' FNL & 1397' FEL

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO.

30-039-24909

DATE ISSUED

JAN 30 1992

OIL CON. DIV.

DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.

NM-011348

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 29-5 Unit

8. FARM OR LEASE NAME

9. WELL NO.

223

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 33, T29N, R5W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED

10-21-90

16. DATE T.D. REACHED

1-4-92

17. DATE COMPL. (Ready to prod.)

Perf'd 1-7-92

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

6719' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3687'

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

3656'

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)*

3442'-3541' and 3626'-3656' Fruitland

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CBL/CCL/VDL

27. WAS WELL CORRED

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	284.75'	12-1/4"	250 Sx C1 B, Circ 114 Sx	
5-1/2"	15.5#, J-55	3700.33'	8-3/4"	40 Sx 65/35 Poz, 94 Sx C1B,	(1st Stage)
				637 Sx 65/35 Poz, 60 Sx C1B,	(2nd Stage)
				Circ	15/110 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"	3594'	None

31. PERFORATION RECORD (Interval, size and number)

3442' - 3656' OA

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached	SFF

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
1-14-92	1	2"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 800	SI 800	→	---	983	No Test		

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

Waiting on Connection

35. LIST OF ATTACHMENTS

NMOCD

ACCEPTED FOR RECORD

JAN 29 1992

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

SIGNED

R. A. Allred

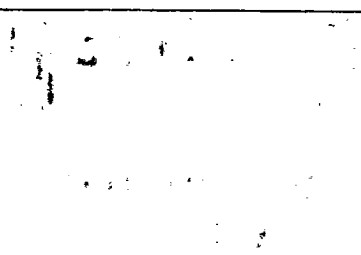
TITLE

Drilling Supervisor

DATE

1-21-92

*(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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2875'	3085'	Sandstone			
Kirtland	3085'	3330'	Sandstone & Shale			
Fruitland	3330'	3470'	Sandstone & Shale & Coal			
Fruitland Coal	3470'	3657'	Shale & Coal			
Pictured Cliffs	3667'		Sandstone			

SAN JUAN 29-5 UNIT NO. 223 FRAC RECORD

Frac'd from 3626'-3656' w/578,608 Scf of N₂ and 20,909 gals of 30# gel for 63,857 gals of 70% Quality foam and 91,000# of 16/30 sand. Max press 1926 psi, avg press 1650 psi, ISIP 320 psi, avg rate 31 bpm. Flowed well back for forced closure and clean up. Set BP @ 3584'. Frac'd from 3442'-3541' w/1,191,000 Scf of N₂ and 38,550 gals of 30# gel for 93,157 gals of 70% Quality foam and 176,020# of 16/30 sand. Max press 3050 psi, avg press 2542 psi, ISIP 2300 psi, avg rate 62 bpm. Flowed well back for force closure and clean up.