

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		7. UNIT AGREEMENT NAME San Juan 29-5 Unit	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☒ Other _____		8. FARM OR LEASE NAME, WELL NO. SJ 29-5 Unit #32M	
2. NAME OF OPERATOR Phillips Petroleum Company		9. API WELL NO. 30-039-25817	
3. ADDRESS AND TELEPHONE NO. 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface Unit D, 820' FNL & 790' FWL At top prod. interval reported below Same as above At total depth Same as above		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 29, T29N, R5W	
14. PERMIT NO. DATE ISSUED DIST. 3		12. COUNTY OR PARISH Rio Arriba, NM	
15. DATE SPUDDED 1/8/99	16. DATE T.D. REACHED 1/16/99	17. DATE COMPL. (Ready to prod.) 11/4/99	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6719 prepared GL
20. TOTAL DEPTH, MD & TVD 8159'	21. PLUG, BACK T.D., MD & TVD 8145'	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Blanco Mesaverde 4432' - 5905'			25. WAS DIRECTIONAL SURVEY MADE no
26. TYPE ELECTRIC AND OTHER LOGS RUN GR, HRI, SDL, DSEN - temp. surveys			27. WAS WELL CORED no
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9-5/8"	36#, K-55	367'	12-1/4"
7"	20#, K-55	4018'	8-3/4"
			T-100 sx (120 cf) C1 H
4-1/2"	11.6#, N-80	7665'	6-1/4"
			305 sx (643 cf) C1 H
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
3-1/2"	7452' 48"	8138'	95 cf
	686' total		
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8" &	8060'	7370'	
2-1/16"		R-3	
31. PERFORATION RECORD (Interval, size and number) Blanco Mesaverde 4432' - 5905' See attached for perforation details			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4432' - 5905'		See attached for acid and frac treatments and cement squeeze details.	
33. 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 10/30/99	HOURS TESTED 1 hr - pitot	CHOKE SIZE 1/2"	PROD'N. FOR TEST PERIOD OIL - BBL. GAS - MCF. WATER - BBL. GAS - OIL RATIO 313 mcfcd 24 bwpd
FLOW. TUBING PRESS.	CASING PRESSURE flowing-50psi	CALCULATED 24-HOUR RATE OIL - BBL. GAS - MCF. WATER - BBL. OIL GRAVITY - API (CORR.) 313 mcfcd 24 bwpd	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SI waiting on approvals to first deliver			TEST WITNESSED BY Drew Bates
35. LIST OF ATTACHMENTS Plans are to commingle production from both the Mesaverde and Dakota intervals once approvals received.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>Fabrizio Cluzman</i>		TITLE Regulatory Assistant	

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMORN

ACCEPTED FOR RECORD
NOV 16 1999
FARMINGTON FIELD OFFICE

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	2906	3033	Sandstone			
Kirtland Sh.	3033	3320	Shale and sandstone			
Fruitland	3320	3642	Shale, coal & sandstone			
Pictured Cliffs	3642	3830	Marine Sands			
Lewis Shale	3830	5460	Sandstone & shale			
Cliffhouse	5460	5559	Sandstone & shale			
Menefee Fm	5559	5824	Sandstone & shale			
Pt. Lookout	5824	6164	Sandstone & shale			
Mancos Sh.	6164	7054	Shale			
Gallup Ss	7054	7786	Sandstone & shale			
Greenhorn Ls.	7786	7841	Limestone & shale			
Graneros Sh.	7841	7970	Sandstone & shale			
Dakota Ss	7970	8159	Sandstone & shale			

San Juan 29-5 #32M
SF-078282; API 30-039-25817
Unit D, 820' FNL & 790' FWL
Section 29, T29N, R5W; Rio Arriba County, NM

Perforation detail:

Pt Lookout interval @ .31" diam. holes @ 120 degree phased holes as follows:

5903' - 5905'; 5889' - 5891'; 5884' - 5886'; 5874' - 5876'; 5863' - 5865'; 5869' - 5841';
5836' - 5838'; 5830' - 5832'; 5826' - 5828'; total 20 holes

Menefee w/.34" holes @ 1 spf as follows:

5812' - 5814' (3'); 5796' - 5798' (3'); 5785' - 5787' (3'); 5764' - 5766' (3');
5758' - 5760' (3'); 5734' - 5736' (3'); 5687' - 5689' (3'); 5658' - 5660' (3');
5655' - 5657' (3'); 5648' - 5650' (3'); Total 30 holes

Cliffhouse @ 1 spf (.34" holes) as follows

5553' - 5555'; 5548' - 5550'; 5542' - 5544'; 5534' - 5536'; 5531' - 5533'; 5528' - 5530';
5524' - 5526'; 5521' - 5523'; 5514' - 5516'; 5511' - 5513' Total 30 holes

Lewis Shale interval @ 1 spf (.38") diam. 120 degree phased holes as follows:

5014' - 5016'(3'); 5007' - 5009'(3'); 4825' - 4827' (3'); 4822' - 4824' (3');
4812' - 4814'(3'); 4672' - 4674' (3'); 4663' - 4665' (3'); 4594' - 4596'(3');
4590' - 4592' (3'); 4449' - 4451' (3'); 4442' - 4444' (3'); 4432' - 4434' (3'); Total 36 holes

Acid Treatment

Pt. Lookout interval: Pumped 750 gals 15% HCL & ballsealers

Menefee - Pumped 750 gal 15% HCL & ballsealers.

Cliffhouse- Pumped 750 gal 15% HCl & ballsealers

Lewis Shale interval: Pumped 1000 gal 15% HCL & ballsealers

Frac'd

Pt. Lookout interval: Pumped 45,975 gal of 70 Quality N2 foam consisting of 14,868 gal of 20# Linear gel & 682,000 scf N2 gas. Pumped a 2400 gal foam pad followed by 10,500# 20/40 Brady sand and 20,540 of TLC 20/40 Sand.

Menefee - Pumped 51,852 gal of 70 Quality N2 foam consisting of 14,985 gal of 20# Linear gel & 795,000 scf N2. Pumped a 2394 gal foam pad followed by 30,420 # 20/40 Brady sand.

Cliffhouse - Pumped 44,800 gal 70 Quality N2 foam w/30# Linear gel w/30,000 # 20/40 Brady sand

Lewis Shale - Pumped 69,000 gal 60 Quality N2 foam w/30# Viking X-link gel w/207,440 # 20/40 Brady sand. Total N2 used 834,000 scf.

Cement Squeeze Details:

1. Shoot 2 (.34") holes @ 5490'. Spotted 30 sx Class H cement (yield 1.18) and again had to pumped 50 sx Class H w/3% CaCl2 (yield 1.18).
2. Shoot 2 squeeze holes @ 5040'. Squeezed w/100 sx Cl H neat cement w/3% CaCl2.
3. Shoot squeeze holes @ 4385'. Squeezed 85 sx Cl H w/0.75% FL-62, 0.2% CD-32, 0.2% Sodium Metasilicate. Then tailed in w/25 sx Cl H w/3% CaCl2.