

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions 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 _____		5. LEASE DESIGNATION AND SERIAL NO. SF-078994
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☒ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME San Juan 30-5 Unit
2. NAME OF OPERATOR Phillips Petroleum Company		7. UNIT AGREEMENT NAME SJ 30-5 Unit #47M
3. ADDRESS AND TELEPHONE NO. 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454		8. FARM OR LEASE NAME, WELL NO. 30-039-25678
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit F, 1780' FNL & 1825' FWL At top prod. interval reported below Same as above At total depth Same as above		9. API WELL NO. 30-039-25678
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 17, T30N, R5W
		12. COUNTY OR PARISH Rio Arriba, NM
		13. STATE NM

15. DATE SPUDDED 5/24/97	16. DATE T.D. REACHED 6/2/97	17. DATE COMPL. (Ready to prod.) 5/7/98	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6336' GR	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 7930'	21. PLUG, BACK T.D., MD & TVD 7921'	22. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS	23. WAS DIRECTIONAL SURVEY MADE no	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Blanco Mesaverde - 5693' - 4336'				25. WAS WELL CORED no
26. TYPE ELECTRIC AND OTHER LOGS RUN GSL/CR/CCL & CBL				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	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#, K-55	343'	12-1/4"	185 sx C1 B (222 cu ft)	8 bbls-surf
7"	20#, J-55	3872'	8-3/4"	L-435 sx C1 B (957 cu ft)	5 bbls-surf
				T-150 sx C1 B (180 cu ft)	
4-1/2"	11.6# N-80	7928'	6-1/4"	L-335sx POZ & T-100 sx C1 H	TOC 5850' 9/50'

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7724'	no
					4.7#		

31. PERFORATION RECORD (Interval, size and number) Blanco Mesaverde See Attached for details on perforations	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	See Attached for	details on stimulations

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 4/27/98	HOURS TESTED 4 hrs	CHOKE SIZE 1/2"	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF. 2.4 mmcf	WATER - BBL. 5 bwpd	GAS - OIL RATIO
FLOW. TUBING PRESS. n/a	CASING PRESSURE 390 psi	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF. 2.4 mmcf	WATER - BBL. 5 bwpd	OIL GRAVITY - API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SI waiting for approvals	TESTING BY Ralph Sloane
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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 <u>Patsy Clayton</u>	TITLE <u>Regulatory Assistant</u>

*(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.
Ojo Alamo	2650	3000	Sandstone
Fruitland	3000	3400	Shale, Coal & Sandstone
Pictured Cliffs	3400	3700	Sandstone
Lewis	3700	5250	Sandstone & Shale
Cliff House	5250	5295	Sandstone & Shale
Menefee	5295	5550	Sandstone & Shale
Pt. Lookout	5550	6100	Sandstone & Shale
Mancos	6100	6360	Shale
Gallup	6360	7560	Sandstone & Shale
Greenhorn	7560	7612	Limestone & Shale
Graneros	7612	7745	Shale
Dakota	7745		Sandstone & Shale
			These are estimated tops.

**San Juan 30-5 Unit #47M – Mesaverde zone
SF-078994; Unit F, 1780' FNL & 1825' FWL
Section 17, T30N, R5W; Rio Arriba Co., NM**

Perforation and stimulation details

Perforated Mesaverde @ 1 spf (.31") holes as follows:

5693', 5686', 5666', 5625', 5624', 5613', 5604', 5583', 5572', 5562', 5559',
5537', 5529', 5502', 5492', 5488', 5485', 5478', 5472', 5470', 5453', 5448',
5444', 5423', 5421', 5356', 5354' **Total 27 holes**

Acidized Mesaverde perforations with 1,134 gal of 15% HCL & ballsealers.

Frac'd Mesaverde perforations with 100,000 gal of 60 Quality N2 foam consisting of 47,880 gal of 30# Linear gel & 1.23 mmscf N2 & 207,000 # 20/40 Brady sand.

Perforated Lewis Shale with 1 spf (.38") holes as follows:

4752' – 4755' (3');	4666' – 4669' (3');	4630' – 4633' (3');	
4596' – 4599' (3');	4568' – 4571' (3');	4505' – 4508' (3');	
4494' – 4497' (3');	4450' – 4453' (3');	4439' – 4442' (3');	
4430' – 4433' (3');	4382' – 4385' (3');	4336' – 4339' (3');	Total 36 holes

Acidized Lewis Shale perfs with pumped 1000 gal of 15% HCL & ballsealers.

Frac'd Lewis Shale perfs with 75,680 gal of 60 Quality N2 foam consisting of 32,252 gal of 30# x-link gel & 983,000 scf N2. Pumped 203,000 # 20/40 Brady sand.

