

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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR ☒	Other _____
2. NAME OF OPERATOR Phillips Petroleum Company						7. UNIT AGREEMENT NAME San Juan 30-5 Unit	
3. ADDRESS AND TELEPHONE NO. 5525 Highway 64, NBU 3004, Farmington, NM 87401						8. FARM OR LEASE NAME, WELL NO. SJ 30-5 Unit #71M	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit D, 824' FNL & 795' FWL At top prod. interval reported below Same as above At total depth Same as above						9. API WELL NO. 30-039-26029	
10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde						11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 22, T30N, R5W	
12. COUNTY OR PARISH Rio Arriba						13. STATE NM	
15. DATE SPUNDED 4/20/99		16. DATE T.D. REACHED 4/28/99		17. DATE COMPLETION (Ready to prod.) 12/28/99		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6493'	
20. TOTAL DEPTH, MD & TVD 8006'		21. PLUG, BACK T.D., MD & TVD 7959'		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 - 4047' - 5892'						25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/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	369'	12-1/4"	190 sx C1 H	5 bbls-surf.
7"	20#, K-55	3612'	8-3/4"	L-315sx C1H; T-100 sx C1 H	6 bbls-surf.
4-1/2"	11.6#, N-80	8003'	6-1/4"	335 sx 35/65 POZ C1 H	TOC - 3200'

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"	7876'	no
					4.7#		

31. PERFORATION RECORD (Interval, size and number) Mesaverde		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4047' - 5892'	See attached for 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 12/21/99	HOURS TESTED 1 hr-pitot	CHOKE SIZE 1/2"	PROD'N. FOR TEST PERIOD →	OIL - BBL. 313 mcf	GAS - MCF. 10 bwpd	WATER - BBL. 10 bwpd	GAS - OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE flowing-50 #	CALCULATED 24-HOUR RATE →	OIL - BBL.	GAS - MCF. 313 mcf	WATER - BBL. 10 bwpd	OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SI waiting to first deliver						TEST WITNESSED BY Drew Bates	

35. LIST OF ATTACHMENTS Mesaverde and Dakota gas will be commingled immediately per DHC Order 2487 dated 10/20/99.	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED <u>Davey Clugston</u>	TITLE <u>Sr. Regulatory/Proration Clerk</u>
DATE <u>12/30/99</u>	OFFICE <u>FARMINGTON FIELD OFFICE</u>

* (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.

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, 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	2475	2570	Sandstone			
Kirtland	2570	3020	Sahle & sandstone			
Fruitland	3020	3245	Shale, coal & sandstone			
Pictured Cliffs	3245	3435	Marine Sands			
Lewis Shale	3435	5300	Sandstone/shale			
Cliffhourse	5300	5380	Sandstone/shale			
Menefee Fm	5380	5635	Sandstone/shale			
Pt. Lookout	5635	5860	Sandstone/shale			
Mancos Sh	5860	6930	Shale			
Gallup Ss	6930	7660	Sandstone/Shale			
Greenhorn Ls.	7660	7705	Limestone/Shale			
Graneros Sh	7705	7830	Sandstone/Shale			
Dakota Ss	7830	8055	Sandstone/Shale			
			Tops are estimated; not open hole logs run			

San Juan 30-5 Unit #71M
SF-078739; API - 30-039-26029
Unit D, 824' FNL & 795' FWL; Section 22, T30N, R5W
Rio Arriba, County, NM

Perforation detail:

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

5892', 5864', 5856', 5842', 5832', 5790', 5780', 5770', 5753', 5746', 5740', 5731', 5720', 5706', 5698', 5696',
5682', 5679', 5676', 5674', 5672', 5669', 5665', 5649', 5638', 5635', 5633', 5627', 5625', 5621', 5619', 5616',
5613', 5603', 5601', 5597', 5591', 5584', 5574', 5566', 5543', 5532', 5506', 5500', 5483', 5473', 5442', 5438',
5410', 5399' **Total 50 holes**

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

4802' - 4804'(3');	4753' - 4755' (3');	4673' - 4675' (3');	4616' - 4618' (3');
4571' - 4573' (3');	4549' - 4551' (3');	4366' - 4368' (3');	4337' - 4339' (3');
4308' - 4310' (3');	4294' - 4296' (3');	4265' - 4267' (3');	4047' - 4049' (3); Total 36 holes

Acidized

Mesaverde interval: Pumped 1000 gal 15% HCl acid & ballsealers

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

Frac'd

Mesaverde interval: Pumped 82,213 gal 60 Quality N2 foam w/3# Viking X-link gel w/203,120 # 20/40 Brady sand.
Total N2 used 900,000 scf.

Lewis Shale interval: Pumped 66,879 gal 60 Quality N2 foam w/30# Viking X-link gel w/199,900 # 20/40 Brady sand.
Total N2 - 821,500 scf.