

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 ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☒ Other ☐

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS AND TELEPHONE NO.

5525 Highway 64, NBU 3004, Farmington, NM 87401

505-599-3454

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

Unit E, 1850' FNL & 790' FWL

At top prod. interval reported below

Same as above

At total depth

Same as above

14. PERMIT NO.

DATE ISSUED

RECEIVED
APR 14 1999

OIL CON. DIV.
DIST. 3

15. DATE SPUDDED

12/12/98

16. DATE T.D. REACHED

12/22/98

17. DATE COMPL. (Ready to prod.)

1-4-99

20. TOTAL DEPTH, MD & TVD

8063'

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

8040'

22. IF MULTIPLE COMPL., HOW MANY*

2 now

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

Mesaverde interval - 5442' - 5840' Lewis Shale interval - 4353' - 5047'

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	368'	12-1/4"	185 sx (222 cf) C1 H	5 bbls-surf.
7"	20#, K-55	3886'	8-3/4"	L-360 sx (1051 cf) C1 H	
				T-100 sx (120 cf) C1 H	10 bbls-surf.
4-1/2"	11.6#, N-80	8063'	6-1/4"	L-310sx(657cf) 35/65 POZ C1 H	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7955'	no
					4.7#		

31. PERFORATION RECORD (Interval, size and number)

Mesaverde

see attached for details on perfs

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

see attached

for acid treatment & stimulation

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
4/11/99	1 hr - pitot	2"			1.25 mmcf/d	7 bwpd	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
	SI - 620 psi			1.25 mmcf/d	7 bwpd		

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

SI waiting on approvals.

TEST WITNESSED BY

Drew Bates

35. LIST OF ATTACHMENTS

APR 14 1999

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

SIGNED

Daisy Chigton

TITLE

Regulatory Assistant

FARMINGTON FIELD OFFICE

BY

4/14/99

DATE

*(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, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo Ss	2794	2944	Sandstone			
Kirtland Sh	2944	3289	Shale & sandstone			
Fruitland Fm	3289	3289	Shale, coal & sandstone			
Pictured Cliff	3564	3724	Marine Sands			
Lewis Shale	3724	5372	Sandstone/Shale			
Cliff House	5372	5475	Sandstone/Shale			
Menefee Fm	5475	5732	Sandstone/Shale			
Point Lookout Ss	5732	6100	Sandstone/Shale			
Mancos Sh	6100	6982	Shale			
Gallup Ss	6982	7723	Sandstone/Shale			
Greenhorn Ls.	7723	7779	Limestone/Shale			
Graneros Sh	7779	7902	Sandstone/Shale			
Dakota Ss	7902	TD	Sandstone/Shale			
			Tops are estimated on the Ojo to the Pictured Cliffs			
			The tops from Lewis Shale to the Dakota are from the			
			Gas Spectrum Log dated 12/18/98			

San Juan 29-5 #64M
NM-03188; API - 30-039-25834
Unit E, 1850' FNL & 790' FWL
Section 21, T29N, R5W; Rio Arriba County, NM

Perforation detail:

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

5840', 5839', 5838', 5764', 5763', 5762', 5719', 5718', 5717', 5696', 5694', 5693', 5617',
5611', 5606', 5524', 5523', 5522', 5468', 5467', 5466', 5444', 5443', 5442' **Total 24 Holes**

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

5044' - 5047' (3');	4986' - 4989' (3');	4868' - 4871' (3');	4855' - 4858' (3');
4789' - 4792' (3');	4754' - 4757' (3');	4739' - 4742' (3');	4661' - 4664' (3');
4618' - 4621' (3');	4585' - 4588' (3');	4429' - 4432' (3');	4353' - 4356' (3') -36 total holes

Acidized

Mesaverde interval: Pumped 1000 gals 15% HCL & ballsealers

Lewis Shale interval: Pumped 1500 gal 15% HCL & ballsealers.

Frac'd

Mesaverde interval: Pumped 1000 gals 15% HCL & ballsealers. RIH & retrieved balls. RU to frac. Frac'd Lower Mesaverde interval (5422' - 5840'). Pumped 41,024 gal 60 Quality N2 30# X-link Borate foam w/ 46,360 # 20/40 Brady sand. Total N2 - 530,000 scf. Total fluid to recover 368 bbls. ATP - 2600 psi, ATR 40 bpm. ISIP - 1610 psi.

Lewis Shale interval: Pumped 84,354 gal 60 Quality N2 30# X-link Borate foam w/202,000 # 20/40 Brady sand. Total N2 - 911,000 scf, Total fluid to recover 770 bbls. ATR - 45 bpm, ATP - 2600 psi. ISIP - 785 psi.