Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. SF-078995

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other

b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff.Resvr,. Other

6. If Indian, Allotee or Tribe Name

7. Unit or CA Agreement Name and No. San Juan 31-6 Unit

2. Name of Operator: Phillips Petroleum Company

8. Lease Name and Well No. SJ 31-6 Unit #44E

3. Address: 5525 Highway 64, NBU 3004, Farmington, NM 87401

3a. Phone No. (include area code): 505-599-3454

9. API Well No. 30-039-26478

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: Unit J, 1950' FSL & 1745' FEL

At top prod. interval reported below: Same as Above

At total depth: Same as Above

10. Field and Pool, or Exploratory: Blanco Mesaverde

11. Sec., T., R., M., or Block and Survey or Area: Section 29, T31N, R6W

12. County or Parish: Rio Arriba

13. State: NM

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14. Date Spudded: 10/3/00

15. Date T.D. Reached: 10/10/00

16. Date Completed ☐ D & A ☒ Ready to Prod.: 12/1/01

17. Elevations (DF, RKB, RT, GL)*: 6517' GL

18. Total Depth: MD 8134' TVD 8134'

19. Plug Back T.D.: MD 8112' TVD 8112'

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

no new logs ran. Original GR/CCL/CBL w/DK completion used

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run ☒ No ☐ Yes (Submit report
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8",	32.3#	0	355'		220 sx	55.20	0	10 bbls
8-3/4"	7",	20#	0	3835'		550 sx	224.39	-	15 bbls
6-1/4"	4-1/2"	11.6#	0	8134'		320 sx	115.57	1980'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	8069'	N/A						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Mesaverde			5532' - 5888'	.34"	19	open
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5532' - 5888'	1500 gal 15% HCl
5532' - 5888'	75,810 gal foamed slickwater w/36,000 slickwater & 1,890,00 scf N2
	& 16,800 gal foam & followed by 59,000 gal foam containing 145,260#
	20/40 # proppant.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
12/4/01		1		0	40	2			flows from tubing
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
1.25"	760 psi	1030#			948	48		flowing to sales	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	

ACCEPTED FOR RECORD
DEC 13 2001
FARMINGTON FIELD OFFICE
BY

(See instructions and spaces for additional data on reverse side)

NMOCD

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	

29. Disposition of Gas (Sold,used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas.Depth
Nacimento	1214				
Ojo Alamo	2519	2674	Sandstone		
Kirtland	2674	3154	Sandstone & shale		
Fruitland	3154	3399	Sandstone, coal and shale		
Pictured Clf	3399	3694	Marine Sands		
Lewis Sh	3694	5454	Sandstone & shale		
Cliffhouse	5454	5499	Sandstone & shale		
Menefee	5499	5774	Sandstone & shale		
Pt. Lookout	5774	6099	Sandstone & shale		
Mancos Sh	6099	7069	Sandstone & shale		
Gallup	7069	7799	Sandstone & shale		
Greenhorn	7799	7859	Limestone & shale		
Graneros Sh	7859	7984	Sandstone & shale		
Dakota	7984	8134	Sandstone & shale		

32. Additional remarks (include plugging procedure):

On 12/14/01 the MV/DK intervals were DHC per DHC 551AZ approved 10/15/01.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey

5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Patsy Clugston Title Sr. Regulatory/Proration Clerk

Signature Patsy Clugston Date 12/7/01

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the Unite States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.