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.
NMSF079000

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, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM78421B

2. Name of Operator
PHILLIPS PETROLEUM COMPANY
Contact: PATSY CLUGSTON
E-Mail: plclugs@ppco.com

8. Lease Name and Well No.
SAN JUAN 31-6 UNIT 6M

3. Address 5525 HWY. 64
FARMINGTON, NM 87401

3a. Phone No. (include area code)
Ph: 505.599.3454

9. API Well No.
30-039-26769

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

At surface NESW 1616FSL 2490FWL 36.83889 N Lat, 107.52220 W Lon

At top prod interval reported below

At total depth

NOV 2001
RECEIVED
OIL CON. DIV.
DIST. 3

10. Field and Pool, or Exploratory
BASIN DAKOTA

11. Sec., T., R., M., or Block and Survey or Area Sec 1 T30N R7W Mer NMP

12. County or Parish
RIO ARRIBA

13. State
NM

14. Date Spudded
09/12/2001

15. Date T.D. Reached
09/22/2001

16. Date Completed
☐ D & A ☒ Ready to Prod.
10/18/2001

17. Elevations (DF, KB, RT, GL)*
6238 GL

18. Total Depth: MD 7860 TVD 7860

19. Plug Back T.D.: MD 7853 TVD 7853

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR/CCL/CBL & GR/GSL

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

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
12.250	9.625 H-40	32.0	0	348		220	48	0	15
8.750	7.000 J-55	20.0	0	3505	2826	500	184	475	0
6.250	4.500 I-80	12.0	0	7860		340	138	0	5

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
0.000								

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	DAKOTA	7703	7845	7703 TO 7845	0.340	19	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
7703 TO 7845	1) 1500 GAL 7-1/2% HCL
7703 TO 7845	2) 48,000 GAL 60 QUALITY N2 FOAM W/25,536 GAL 30# X GEL & 885,729 SCF N2
7703 TO 7845	3) AND 2500 GAL FOAM PAD W/4500 # 100 MESH SAND & 35,508 GAL FOAM W/100,620 # 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/20/2001	10/18/2001	1	→	0.0	170.0	0.0			FLOWS FROM WELL
Choke Size	**Tbg. Press Flwg. SI**	**Csg Press**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas:Oil Ratio**	**Well Status**	
.5		640.0	→		4000	5		GSI	

28a. Production - Interval B

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

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

ELECTRONIC SUBMISSION #8116 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

NMOCD

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	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 Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status

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

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
LEWIS SHALE	3425	5125	SANDSTONE & SHALE	NACIMIENTO	1090
CLIFFHOUSE	5125	5180	SANDSTONE & SHALE	OJO ALAMO	2335
MENEFFE	5180	5480	SANDSTONE & SHALE	KIRTLAND	2500
PT. LOOKOUT	5480	5835	SANDSTONE & SHALE	FRUITLAND	2892
DAKOTA	7710	7860	SANDSTONE & SHALE	PICTURED CLIFFS	3265
				LEWIS SHALE	3425
				CLIFFHOUSE	5125
				MENEFEE	5180
				PT. LOOKOUT	5480
				MANCOS	5835
				GALLUP SS	6790
				GREENHORN	7525
				GRANEROS	7575
				DAKOTA	7710

32. Additional remarks (include plugging procedure):
The production test was a flowing pitot test on a 1/2" choke. This well is NOT first delivered yet, but will be as soon as production equipment is set.

Plans are to flow test this well up the casing for up to 60 days and then will return and run the tubing. Will flow the Dakota until pressures stablize and then we will return and add the MV interval, flow MV till stabilized and then commingle DK/MV per Order #11363. A DHC application will be submitted and approved before actual commingling occurs.

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):

Electronic Submission #8116 Verified by the BLM Well Information System.
For PHILLIPS PETROLEUM COMPANY, sent to the Farmington
Committed to AFMSS for processing by Maurice Johnson on 10/24/2001 ()

Name *(please print)* PATSY CLUGSTON Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 10/19/2001

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 United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #8116 that would not fit on the form

32. Additional remarks, continued