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. NMNM03040A

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. NMNM78416

2. Name of Operator: Phillips Petroleum Company

8. Lease Name and Well No. SJ 29-6 Unit #116P

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

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

9. API Well No. 30-039-26681

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

At surface: Unit K, 1697' FSL & 1791' FWL

At top prod. interval reported below: same as above

At total depth: Same as above

10. Field and Pool, or Exploratory: Basin Fruitland Coal

11. Sec., T., R., M., or Block and Survey or Area: Section 27, T29N, R6W

12. County or Parish: Rio Arriba, 13. State: NM

DEC 2001
RECEIVED
OIL CON. DIV
DIST. 3

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
4/3/01	4/7/01	☐ D & A ☒ Ready to Prod. 12/4/01	6315' GL

18. Total Depth: MD / TVD	19. Plug Back T.D.: MD / TVD	20. Depth Bridge Plug Set: MD / TVD
3440' / 3440'	3220' / 3220'	3220' / 3220'

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

No new logs; same as with PC completion-GR/Induction Log

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"	8-5/8",	24#	0	300'		200 sx	49.86	0	10 bbls
6-1/4"	4-1/2",	11.6#	0	3430'		715 sx	231.38	0	30 bbls

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"	3200'							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Basin Fruitland Coal			3122' - 3211'	.34"	56	open
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
3122 - 3211'	1500 gal 7-1/2% HCl
3122 - 3211'	50,138 gal 60 quality N2 X-linked gel & 38,000# 20/40 sand

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
SI	11/20	1			22	2			flowing pitot test
Choke Size	**Tbg. Press. Flwg.**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
1/2"	SI 0	70 psi		0	532	50		SI	

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
Naciemento	1305				
Ojo Alamo Ss	2254	2752	Sandstone & shale		
Kirtland	2752	3087	Sandstone & shale		
Fruitland	3087	3217	Sandstone, coal & shale		
Pictured Clf	3217	3417	Marine Sands		

32. Additional remarks (include plugging procedure):

Plans are to flow test the FC interval until it stabilizes, then we will return and D/O CIBP @ 3220' and commingle PC/FC production. Will file for DHC approval before commingleing 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)*

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

Signature Patsy Clugston Date 12/10/01

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.