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

DEC 2000
RECEIVED
OIL CON. DIV.
DIST. 3

5. Lease Serial No. SF-079329

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 32 Fed 24

2. Name of Operator Phillips Petroleum Company

8. Lease Name and Well No. SJ 32 Fed 24 #1

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

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

9. API Well No. 30-045-30303

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

At surface Unit B, 964' FNL & 1531' FEL

10. Field and Pool, or Exploratory Basin Fruitland Coal

At top prod. interval reported below Same as above

11. Sec., T., R., M., or Block and Survey or Area Section 24, T32N, R9W

At total depth Same as above

12. County or Parish San Juan, 13. State NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
10/5/00	10/10/00	☐ D & A ☒ Ready to Prod. 11/29/00	6689' GL

18. Total Depth: MD / TVD	19. Plug Back T.D.: MD / TVD	20. Depth Bridge Plug Set: MD / TVD
3523' / 3523'	3523' / 3523'	n/a / n/a

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

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

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	234'		105 sx	26	0	5 bbls
8-3/4"	7"	20#	0	3300'		L-402 sx	170		
						T-50 sx	12.46	0	8 bbls
6-1/4"	5-1/2"	15.5#	3249'	3520'		n/a			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	3478'	n/a						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Basin Fruitland			3340' - 3493'	.75"	176	
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
3278' - 3521'	Underreamed 6-1/4" hole to 9-1/2" hole. Then surged naturally 13 days to C/O

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	10/23/00	1			2.8m	280			SI
Choke Size	**Tbg. Press. Flwg.**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
2"	n/a	19.6#			2.8M	280		SI waiting for P/L connect	

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.**	**Csg. Press.**	**24 Hr. →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	

ACCEPTED FOR RECORD
DEC 12 2000
FARMINGTON FIELD OFFICE
BY

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.	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.	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
Nacimiento	1090				
Ojo Alamo Ss	2285	2350	Sandstone		
Kirtland Sh	2350	3185	Sandstone/shale		
Fruitland	3185	3505	Coal, shale & sandstone		
Pictured Clf	3579		Marine Sands		
			Tops provided by John Bircher contract geologist		

32. Additional remarks (include plugging procedure):

There were problems with this well loading up and a pumping unit had to be installed before it could be first delivered. The pump was installed on 11/29/00 and now it is ready to first deliver.

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 12/4/00

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 fraudulent statements or representations as to any matter within its jurisdiction.