

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 ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. SF-078999			
2. NAME OF OPERATOR Phillips Petroleum Company				6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
3. ADDRESS AND TELEPHONE NO. 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454				7. UNIT AGREEMENT NAME San Juan 31-6 Unit			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit C, 854' FNL & 1649' FWL At top prod. interval reported below Same as above At total depth Same as above				8. FARM OR LEASE NAME, WELL NO. SJ 31-6 Unit #16M			
14. PERMIT NO.		DATE ISSUED AUG 23 1999		9. API WELL NO. 30-039-26071			
15. DATE SPUDDED 6/17/99				10. FIELD AND POOL, OR WILDCAT Basin Dakota			
16. DATE T.D. REACHED 6/26/99		17. DATE COMPL. (Ready to prod.) 8/18/99		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 33, T31N, R6W			
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6370'		19. ELEV. CASINGHEAD		12. COUNTY OR PARISH Rio Arriba			
20. TOTAL DEPTH, MD & TVD 8018'		21. PLUG, BACK T.D., MD & TVD 7977'		13. STATE NM			
22. IF MULTIPLE COMPL., HOW MANY* will be 2		23. INTERVALS DRILLED BY →		24. ROTARY TOOLS X			
25. CABLE TOOLS		26. WAS DIRECTIONAL SURVEY MADE no		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#, J-55	379'	12-1/4"	195 sx (234 cf) Class H	28 sx-surf.		
7"	20#, K-55	3644'	8-3/4"	L-345sx C1 H; T-100 sx C1 H	0 - surf + 210		
				Squeeze 50 sx C1 H POZ @ 1510	TOC - 275'		
4-1/2"	11.6# N-80	7982'	6-1/4"	355 sx 35/65 POZ	TOC - 4150'		
29. LINER RECORD			30. TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7919'	n/a
31. PERFORATION RECORD (Interval, size and number) Basin Dakota @ 1 spf (.36" holes) 7947' - 4749' (3'); 7922' - 7924' (3'); 7905' - 7907' (3'); 7870' - 7875' (6'); 7855' - 7863' (9') 7810' - 7821' (12') total 36 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 7810' - 7949' 1500 gal 7-1/2" HCL & ballsealers 7810' - 7949' 37,954 gal 60/50 Quality N2-Borat X-link; 477,000 scf N2 & 34,000# Super DC Prop 20/40 sand			
33.* PRODUCTION							
DATE FIRST PRODUCTION SI		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 8/15/99	HOURS TESTED 1 hr - pitot	CHOKE SIZE 1/2"	PROD'N. FOR TEST PERIOD →	OIL - BBL. 488 mcf	GAS - MCF. 488 mcf	WATER - BBL. 2 bwpd	GAS - OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE 78 psi	CALCULATED 24-HOUR RATE →	OIL - BBL.	GAS - MCF. 488 mcf	WATER - BBL. 2 bwpd	OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SI waiting on approvals to first deliver Dakota							
35. LIST OF ATTACHMENTS Will flow Dakota until pressures stabilize and then we will add Mesaverde pay.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Patsy Clugston		TITLE Regulatory Assistant					

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

ACCEPTED FOR RECORD
AUG 20 1999
Drew Bates
FARMINGTON FIELD OFFICE
BY DATE 8/19/99

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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, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2362	2517	Sandstone			
Kirtland Sh.	2517	2997	Shale & sandstone			
Fruitland	2997	3242	Shale, coal and sandstone			
Pictured Cliffs	3242	3492	Marine Sands			
Lewis Shale	3492	5307	Sandstone & shale			
Cliffhouse	5307	5342	Sandstone & shale			
Menefee Fm.	5342	5607	Sandstone & shale			
Pt. Lookout	5607	5937	Sandstone & shale			
Mancos Sh	5937	6907	Shale			
Gallup Ss	6907	7632	Sandstone & shale			
Greenhorn Ls	7632	7687	Limestone & shale			
Graneros Sh.	7687	7812	Sandstone & shale			
Dakota Ss.	7812	8037	Sandstone & shale			
			These tops are estimated, no open hole logs run.			

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Phillips Petroleum Company 5525 Highway 64, NBU 3004 Farmington, NM 87401		² OGRID Number 017654
		³ Reason for Filing Code NW
⁴ API Number 30-0 39-26071	⁵ Pool Name Basin Dakota	⁶ Pool Code 71599
⁷ Property Code 009259	⁸ Property Name San Juan 31-6 Unit	⁹ Well Number #16 M

II. ¹⁰ Surface Location

UL or lot no. C	Section 33	Township 31N	Range 6W	Lot. Idn	Feet from the 854'	North/South Line North	Feet from the 1649	East/West line West	County Rio Arriba
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¹¹ Bottom Hole Location

UL or lot no. C	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date SI	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
009018	Giant Refining Co. 5764 Hwy. 64 Farmington, NM 87401	2 8 2 3 8 8 0	0	
025244	Williams Field Services P.O. Box 58900 Salt Lake City, UT 84158-0900	2 8 2 3 8 8 1	G	

IV. Produced Water

²³ POD 2 8 2 3 8 8 2	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 6/17/99	²⁶ Ready Date 8/18/99	²⁷ TD 8018'	²⁸ PBSD 7977'	²⁹ Perforations 7810' - 7949'	³⁰ DHC, DC, MC Will be DHC
³¹ Hole Sie 12-1/4"	³² Casing & Tubing Size 9-5/8", 36#, J-55	³³ Depth Set 379'	³⁴ Sacks Cement 195 sx C1 H		
8-3/4"	7", 20#, K-55	3644'	L-345sx C1 H; T-100 sx C1 H		
6-1/4"	4-1/2", 11.6#, N-80	7982'	355 sx 35/65 POZ - TOC-4150'		
	2-3/8", 4.7#	7919'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
	SI	8/15/99	1 hr		78 psi
⁴¹ Choke Size 1/2"	⁴² Oil	⁴³ Water 2 bwpd	⁴⁴ Gas 488 mcfd	⁴⁵ AOF	⁴⁶ Test Method Pitot
⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Patsy Clugston</i>			OIL CONSERVATION DIVISION		
Printed name: Patsy Clugston			Approved by: ORIGINAL SIGNED BY ERNIE BUSCH		
Title: Regulatory Assistant			Title: DEPUTY OIL & GAS INSPECTOR, DIST. 3		
Date: 8/19/99			Approval Date: AUG 23 1999		
Phone: 505-599-3454					

⁴⁷ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
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