

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 39-25834	⁵ Pool Name Blanco Mesaverde	⁶ Pool Code 72319
⁷ Property Code 009256	⁸ Property Name San Juan 29-5 Unit	⁹ Well Number 64M

II. ¹⁰ Surface Location

UL or lot no. E	Section 21	Township 29N	Range 5W	Lot. Idn	Feet from the 1850'	North/South Line North	Feet from the 790'	East/West line West	County Rio Arriba
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¹¹ Bottom Hole Location

UL or lot no. E	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	2822674	0	RECEIVED APR 14 1999 OIL CON. DIV. DIST. 3
025244	Williams Field Service P.O. Box 58900 Salt Lake City, UT 84158-0900	2822675	G	

IV. Produced Water

²³ POD 2822676	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 12/12/98	²⁶ Ready Date 1/4/99	²⁷ TD 8063'	²⁸ PBTD 8040'	²⁹ Perforations see attached	³⁰ DHC, DC, MC DHC-2130
³¹ Hole Sie	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
12-1/4"	9-5/8", 36#, K-55	368'	185 sx C1 H		
8-3/4"	7", 20#, K-55	3886'	L-360 sx C1 H; T-100 sx C1 H		
6-1/4"	4-1/2", 11.6#, N-80	8063'	310 sx 35/65 C1 H		
	2-3/8", 4.7#	7955'			

VI. Well Test Data

³⁵ Date New Oil SI	³⁶ Gas Delivery Date	³⁷ Test Date 4/11/99	³⁸ Test Length 1 hr.	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure SI-620 psi
⁴¹ Choke Size 2"	⁴² Oil	⁴³ Water 7 bwpd	⁴⁴ Gas 1.25 mmcf/d	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: *Patsy Clugston*
Printed name: Patsy Clugston
Title: Regulatory Assistant
Date: 4/14/99
Phone: 505-599-3454

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY CHARLIE T. PERRY**
Title: **DEPUTY OIL & GAS INSPECTOR, DIST. #3**
Approval Date: **APR 14 1999**

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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San Juan 29-5 #64M
NM-03188; API - 30-039-25834
Unit E, 1850' FNL & 790' FWL
Section 21, T29N, R5W; Rio Arriba County, NM

Perforation detail:

Mesaverde interval @ .31" diam. holes @ 120 degree phased holes as follows:

5840', 5839', 5838', 5764', 5763', 5762', 5719', 5718', 5717', 5696', 5694', 5693', 5617',
5611', 5606', 5524', 5523', 5522', 5468', 5467', 5466', 5444', 5443', 5442' **Total 24 Holes**

Lewis Shale interval @ 1 spf (.38") diam. 120 degree phased holes as follows:

5044' - 5047' (3');	4986' - 4989' (3');	4868' - 4871' (3');	4855' - 4858' (3');;
4789' - 4792' (3');;	4754' - 4757' (3');;	4739' - 4742' (3');;	4661' - 4664'(3');;
4618' - 4621' (3');;	4585' - 4588' (3');;	4429' - 4432' (3');;	4353' - 4356' (3') -36 total holes

Acidized

Mesaverde interval: Pumped 1000 gals 15% HCL & ballsealers

Lewis Shale interval: Pumped 1500 gal 15% HCL & ballsealers.

Frac'd

Mesaverde interval: Pumped 1000 gals 15% HCL & ballsealers. RIH & retrieved balls. RU to frac. Frac'd Lower Mesaverde interval (5422' – 5840'). Pumped 41,024 gal 60 Quality N2 30# X-link Borate foam w/ 46,360 # 20/40 Brady sand. Total N2 – 530,000 scf. Total fluid to recover 368 bbls. ATP – 2600 psi, ATR 40 bpm. ISIP – 1610 psi.

Lewis Shale interval: Pumped 84,354 gal 60 Quality N2 30# X-link Borate foam w/202,000 # 20/40 Brady sand. Total N2 - 911,000 scf, Total fluid to recover 770 bbls. ATR - 45 bpm, ATP - 2600 psi. ISIP - 785 psi.