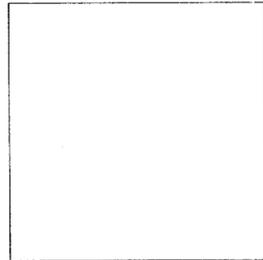


**SOFTROCK GEOLOGICAL SERVICES**  
591 CR 233, Durango, CO (970) 247-8868

**WELL INFORMATION**

COMPANY: Phillips Petroleum Company  
 WELL NAME: San Juan 32 Fed. 8 No.1  
 LOCATION: NWSW Sec 8, T32N-R9W 1845' FSL 1065' FWL  
 San Juan County, New Mexico  
 ELEVATION: GL: 6810' KB: 6826'  
 FIELD: Basin Fruitland  
 INTERVAL LOGGED: 3336' - 3549'      DATE LOGGED: 2/10/99 -  
 CONTRACTOR: Key #53      2/11/99  
 SPUD DATE:  
 WELLSITE GEOLOGISTS: Ron Horton, Jeff Davies  
 GAS INSTRUMENTATION: FID Chromatograph and Total Gas Detector



SECTION 8

**HOLE SIZES - CASING DATA - MUD TYPES**

HOLE SIZES: 12 1/4" to 370'  
 8 3/4" to 3336'  
 6 1/4" after drill out underreamed to 9 1/2"  
 CASING SIZES: 9 5/8" to 370'  
 7" to 3336'  
 MUD TYPES: Air & Water Mist

- CONGL
- SS
- SLTST
- SH
- COAL
- CHERT
- SALT
- ANHY
- LS
- DDL
- IGNEOUS
- BENTONITE
- TUFF

**ABBREVIATIONS**

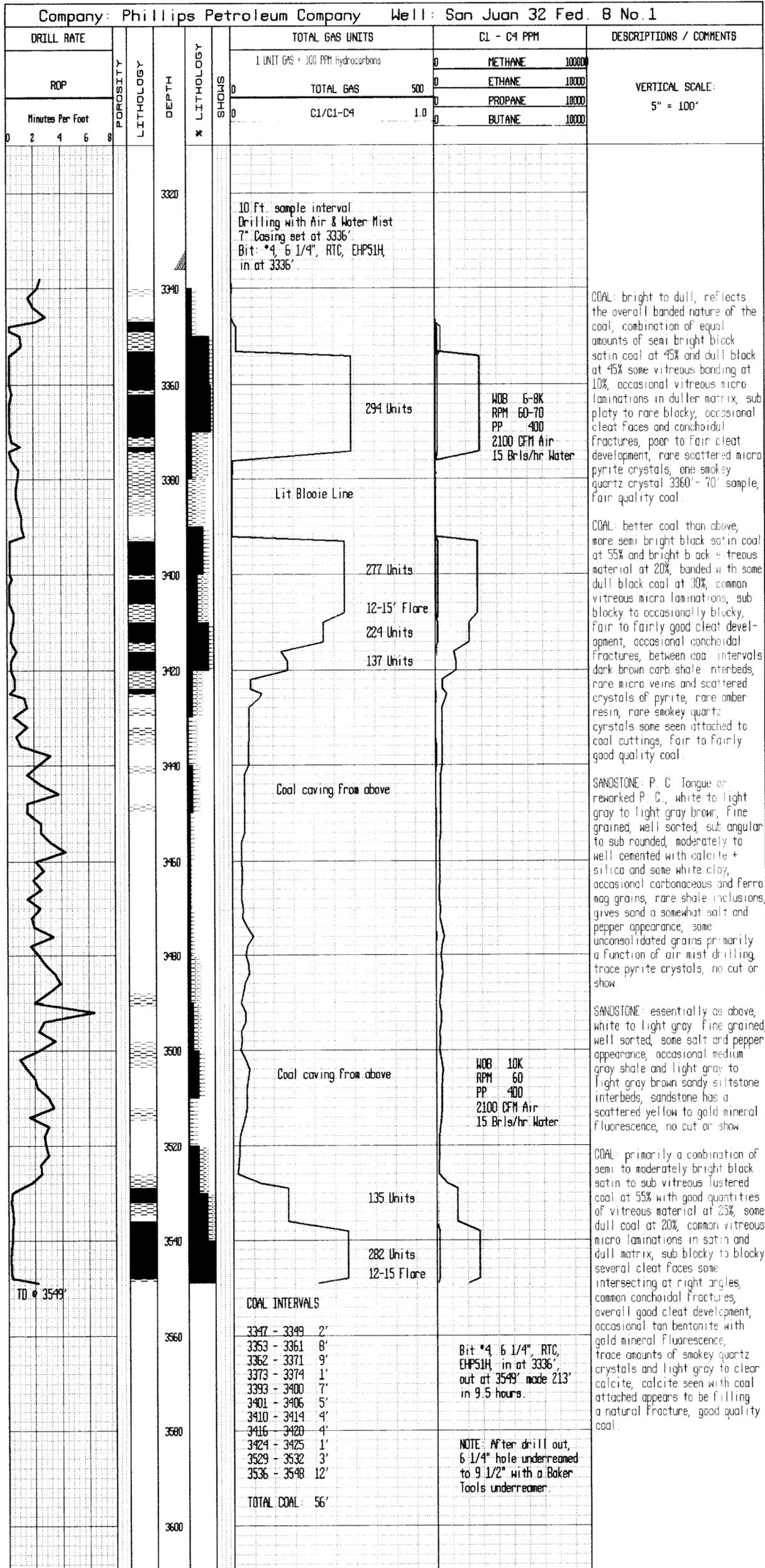
- Ck - Filter Cake
- CO - Circulate Out
- CG - Connection Gas
- DC - Depth Correction
- DS - Directional Survey
- DST - Drill Stem Test
- DTG - Down Time Gas
- LAT - Logged After Trip
- NB - New Bit
- OB - Old Bit
- NR - No Returns
- pH - pH of Mud
- PP - Pump Pressure
- RPM - Rotary Speed
- SPM - Pump Strokes
- TG - Trip Gas
- Vis - Viscosity of Mud
- WL - Water Loss of Mud
- WOB - Weight on Bit
- WT - Weight of Mud

**LITHOLOGY MODIFIERS**

- A - Anhydritic
- B - Bentonitic
- C - Calcareous
- CC - Carbonaceous / Coaly
- D - Dolomitic
- F - Fossiliferous
- G - Glauconitic
- O - Oolitic
- P - Pyritic
- S - Siliceous

**SPECIAL SYMBOLS**

- Core
- DST
- Desorption Can
- Gas Composition Can



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**

<sup>1</sup> Operator name and Address Phillips Petroleum Company 5525 Highway 64, NBU 3004 Farmington, NM 87401		<sup>2</sup> OGRID Number 017654	
		<sup>3</sup> Reason for Filing Code NW	
<sup>4</sup> API Number 30-0 45-29796	<sup>5</sup> Pool Name Basin Fruitland Coal		<sup>6</sup> Pool Code 71629
<sup>7</sup> Property Code 24189	<sup>8</sup> Property Name San Juan 32 Fed 8		<sup>9</sup> Well Number #1

**II. <sup>10</sup> Surface Location**

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L	8	32N	9W		1845'	South	1065'	West	San Juan

**<sup>11</sup> Bottom Hole Location**

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

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
151618	El Paso Field Service P.O. Box 1492 El Paso, TX 79978	2822379	G	

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 OIL CON. DIV.  
 DIST. 3

**IV. Produced Water**

<sup>23</sup> POD 000000	<sup>24</sup> POD ULSTR Location and Description
-----------------------------	--

**V. Well Completion Data**

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PBSD	<sup>29</sup> Perforations	<sup>30</sup> DHC, DC, MC
2/5/99	3/4/99	3548'	3548'	3340'-3548 Open	hole
<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size		<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement	
12-1/4"	9-5/8", 36#, J-55		370'	185 sx (222 cf) C1 H	
8-3/4"	7" 20#, K-55		3335'	L-425 sx POZ; 100 sx C1 H	
	2-3/8" 4.7#		3516'		

**VI. Well Test Data**

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date	<sup>38</sup> Test Length	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
	SI	3/1/99	1-1/2 hours		SI-520 psi
<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas	<sup>45</sup> AOF	<sup>46</sup> Test Method
2"		50 bwpd	2039 mcf		Pitot

<sup>47</sup> 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: 3/8/99 Phone: 505-599-3454

<b>OIL CONSERVATION DIVISION</b>	
Approved by:	ORIGINAL SIGNED BY ERNIE BUSCH
Title:	DEPUTY OIL & GAS INSPECTOR, DIST. #3
Approval Date:	MAR 10 1999

<sup>47</sup> 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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Phillips Petroleum Company  
San Juan 32 Fed. 8 No. 1  
NWSW Sec. 08 T32N R9W  
San Juan Co., New Mexico

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OIL CON. DIV.  
DIST. 3

Softrock Geological Services, Inc.  
Prepared by: Ronald E. Horton  
591 CR 233, Durango, CO  
(970) 247-8868 fax 247-5108