

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

WELL 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

ABBREVIATIONS

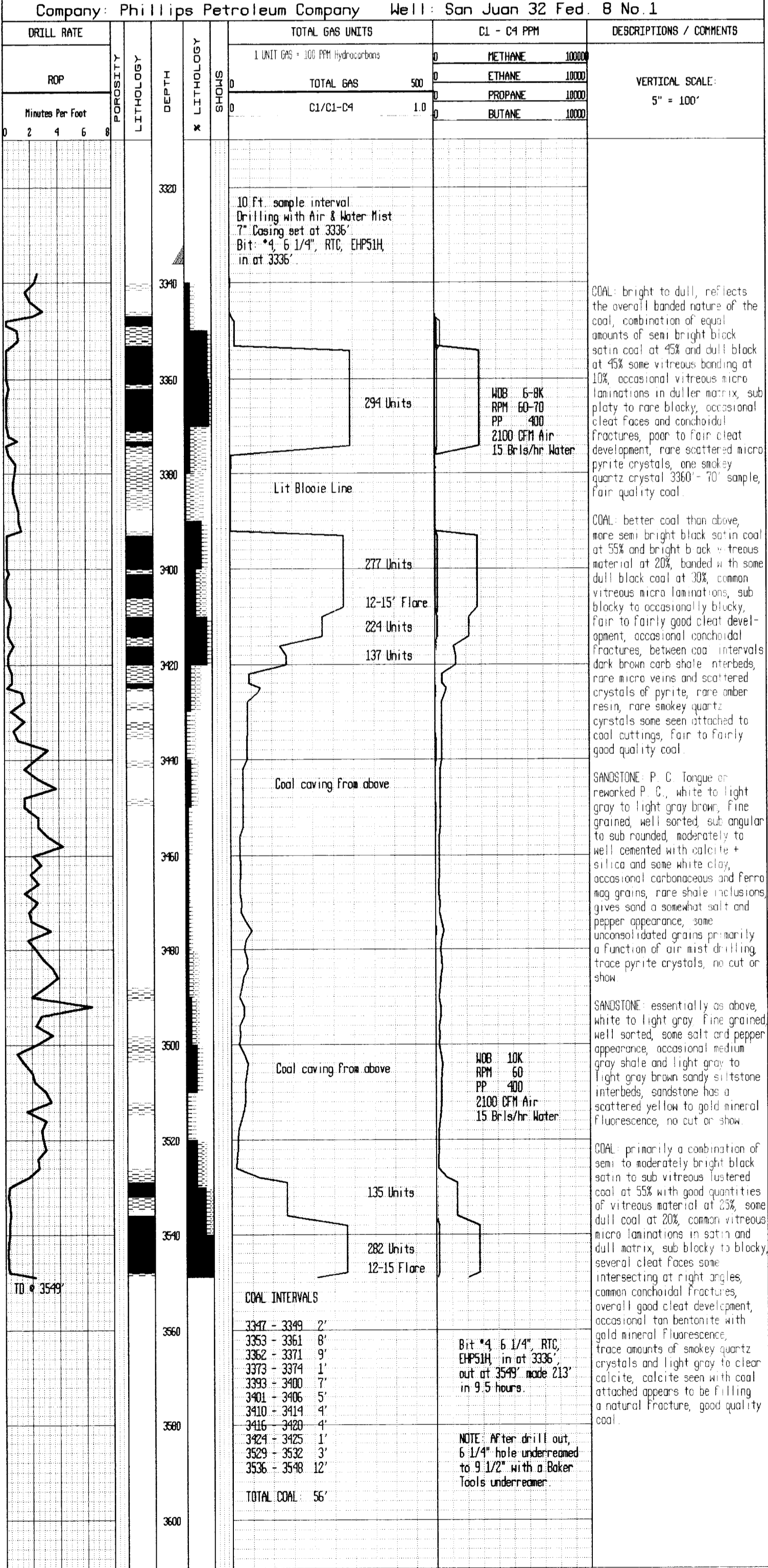
Ck - Filter Cake  
CO - Circulate Out  
CG - Connection Gas  
DC - Depth Correction  
DS - Directional Survey  
DST - Drill Stem Test  
DTG - Down Time Gas  
LAT - Logged After Trip  
NB - New Bit  
OB - Old Bit  
NR - No Returns  
pH - pH of Mud  
PP - Pump Pressure  
RPM - Rotary Speed  
SPM - Pump 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. L	Section 8	Township 32N	Range 9W	Lot. Idn	Feet from the 1845'	North/South Line South	Feet from the 1065'	East/West line West	County San Juan
--------------------	--------------	-----------------	-------------	----------	------------------------	---------------------------	------------------------	------------------------	--------------------

<sup>11</sup> Bottom Hole Location

UL or lot no. L	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
<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 151618	<sup>19</sup> Transporter Name and Address El Paso Field Service P.O. Box 1492 El Paso, TX 79978	<sup>20</sup> POD 2822379	<sup>21</sup> O/G G	<sup>22</sup> POD ULSTR Location and Description

IV. Produced Water

<sup>23</sup> POD 15161800	<sup>24</sup> POD ULSTR Location and Description
-------------------------------	--

V. Well Completion Data

<sup>25</sup> Spud Date 2/5/99	<sup>26</sup> Ready Date 3/4/99	<sup>27</sup> TD 3548'	<sup>28</sup> PBSD 3548'	<sup>29</sup> Perforations 3340'-3548 Open	<sup>30</sup> DHC, DC, MC hole
<sup>31</sup> Hole Size 12-1/4"	<sup>32</sup> Casing & Tubing Size 9-5/8", 36#, J-55	<sup>33</sup> Depth Set 370'	<sup>34</sup> Sacks Cement 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 SI	<sup>37</sup> Test Date 3/1/99	<sup>38</sup> Test Length 1-1/2 hours	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure SI-520 psi
<sup>41</sup> Choke Size 2"	<sup>42</sup> Oil	<sup>43</sup> Water 50 bwpd	<sup>44</sup> Gas 2039 mcfd	<sup>45</sup> AOF	<sup>46</sup> Test Method 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:

Printed name:

Title:

Date:

Patsy Clugston

Regulatory Assistant

3/8/99

Phone: 505-599-3454

OIL CONSERVATION DIVISION

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

**Phillips Petroleum Company  
San Juan 32 Fed. 8 No. 1  
NWSW Sec. 08 T32N R9W  
San Juan Co., New Mexico**

**RECEIVED**  
MAR 10 1999  
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**