

**Phillips Petroleum Company
San Juan 30-5 Unit No. 249
Sec. 23 T30N R5W
Rio Arriba Co., New Mexico**

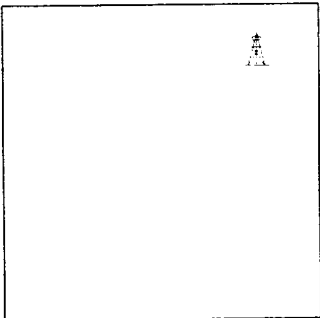
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OIL CON. DIV.
DIST. 3

**Softrock Geological Services, Inc.
Prepared by: Peter D. Falk
591 CR 233, Durango, CO
(970) 247-8868 fax 247-5108**

SOFTROCK GEOLOGICAL SERVICES
591 CR 233, Durango, CO (970) 247-7726

WELL INFORMATION

COMPANY: Phillips Petroleum Company
WELL NAME: San Juan 30-5 Unit No. 249
LOCATION: NENE Sec. 23, T30N-R5W, 1045' FNL 1081' FEL
Rio Arriba County, New Mexico
ELEVATION: Ungraded GL: 6737' KB: 6752'
FIELD: Basin Friutland
INTERVAL LOGGED: 3373' - 3464' DATE LOGGED: 9/26/98
CONTRACTOR: Big A #37, Tom Mullins Co. Man
SPUD DATE: 8/23/98
WELLSITE GEOLOGISTS: Peter D. Falk, Mike Tichi
GAS INSTRUMENTATION: FID Chromatograph and Total Gas Detector



SECTION 23

HOLE SIZES - CASING DATA - MUD TYPES

HOLE SIZES: 12 1/4" to 373'
8 3/4" to 3373'
6 1/4" to 3464' underreamed to 9 1/2"
CASING SIZES: 9 5/8" to 373'
7" to 3373'
MUD TYPES: Air & Water Mist



CONGL
SS
SLTST
SH
COAL
CHERT
SALT
ANHY
LS
DOL
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
- Slide

