

GEOLOGIC PROGNOSIS

Company: **Phillips Petroleum Company**
 Project: **1999 Fruitland Fm. Coal Program**
 Area: **San Juan 32-7 Unit**

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 APR - 6 1999

Operator: **Phillips Petroleum Company**
 Well Name: **San Juan 32-7 Unit No. 241 (Kfc)**
 Location: **SWNE 21-32N-07W**
 Footage: **2234' FNL & 1841' FEL**
 County/State: **San Juan/New Mexico**

OIL CON. DIV.
DIST. 3

Ungraded GL: **6420** Key #53 (16") KB: **6436**

<u>Formation</u>	<u>Thickness</u>	<u>Depth</u>	<u>Struct. Elev.</u>
<i>San Jose Fm.</i>	1066	Surface	6420
<i>Nacimiento Fm.</i>	1095	1066	5370
<i>Ojo Alamo Ss.</i>	120	2161	4275
<i>Kirtland Sh.</i>	645	2281	4155
<i>Fruitland Fm.</i>	70	2926	3510
Int. Csg. Depth	20	2996	3440
<i>Top Coal Interval</i>	105	3016	3420
<i>Base Coal Interval</i>	5	3121	3315
Total Depth	60	3126	3310
<i>Pictured Cliffs Ss.</i>	NA	3186	3250

Mud Log: Mud log (5"=100') from intermediate casing to TD
 (Mud Logger to pick intermediate casing point and TD)

Mechanical Logs: High Resolution Spectral Density from
 TD to intermediate casing; Gamma Ray Neutron
 from TD to surface

Correlation Logs: San Juan 32-7 Unit No. 13 (SESW 16-32N-07W)
 San Juan 32-7 Unit No. 44 (SESW 22-32N-07W)

Estimated intervals of water, oil, and gas:

Water:	Ojo Alamo	2161-2281
Oil:	None	NA
Gas:	Fruitland Coal	3016-3121
Gas & Water:	Fruitland Coal	3016-3121

John E. Bircher

March 26, 1999