WELL REPORT
TESORO PETROLEUM CORPORATION
SANTA FE "B" #36
MCKINLEY COUNTY, NEW MEXICO

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CPG 914

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WELL REPORT
TESORO PETROLEUM CORPORATION: SANTA FE "B" #36
MCKINLEY COUNTY, NEW MEXICO

LOCATION

1650' from the south line, 330' from the west line of Section 5, Township 17 North, Range 8 West, NMPM.

ELEVATION

6857' Ground: 6871' Kelley Bushing

CONTRACTOR

Coleman Drilling Company: Rig #1
Tool Pusher: Tommy McClane

DATE DRILLED OUT: August 11, 1974

DATE TD REACHED: August 12, 1974

CASING

8 5/8" @ 107' with 100 sacks
5 1/2" @ 1599' with 100 sacks

ELECTRICAL SURVEYS

Schlumberger: Induction Electrical Log: 106' to 1598'
Schlumberger: Formation Density Log: 1200' to 1598'

FORMATION TOPS

Cretaceous	Depth	Sea Level Datum	Thickness
Menefee	Surface	+6871	298'
Point Lookout	298'	+6573	260'
Upper Mancos	558'	+6313	326'
Hosta	884'	+5987	496'
Gallup	1380'	+5491	146'
Hospah Gallup	1526'	+5345	34'
U. Hospah Sand	1560'	+5311	Penetrated 39'
Total Depth	1599'	+5272	

-1-

<u>WELL CUTTINGS</u>

10' samples from 1500' to 1600' Driller TD.

Samples described below from 1500' to 1600'.

<u>SAMPLE DESCRIPTION</u>

1500-30   100% ss, gy, v-f-f-g, SR, sl/arkosic, carb inclus, shy in part, <u>N-S</u>: Tr sh, gy brn, carb

<div align="center"><u>TOP HOSPAH GALLUP 1526' LOGS</u></div>

1530-40   70% sh, gy brn, carb, sdy in part: 30% ss, as above, <u>N-S</u>

1540-50   90% ss, lt gy, f-g, SA-SR, sl/arkosic, clay filling, por, friable, <u>N-S</u>: 10% sh, as above

1550-60   60% sh, as above: 40% ss, wht-tan, f-g, SA-SR, arkosic, clay filled, por, friable, <u>gold oil fluor, strmg cut fluor</u>

<div align="center"><u>TOP UPPER HOSPAH SAND 1560' LOGS</u></div>

1560-70   80% sh, as above: 20% ss, gy, v-f-f-g, as above, <u>N-S</u>

1570-90   50% ss, tan, cons-uncons, f-m-g, domin f-g, arkosic, por, friable, <u>gold oil fluor, strmg cut fluor</u>

1590-1600   100% ss, wht, f-m-g, SA-SR, arkosic, por, friable, <u>N-S</u>

1600   Circ. Samples

           15" - 90% sh, as above: 10% ss, wht-tan, f-g, as above, Tr fluor, as above

           30" - Lith, as above