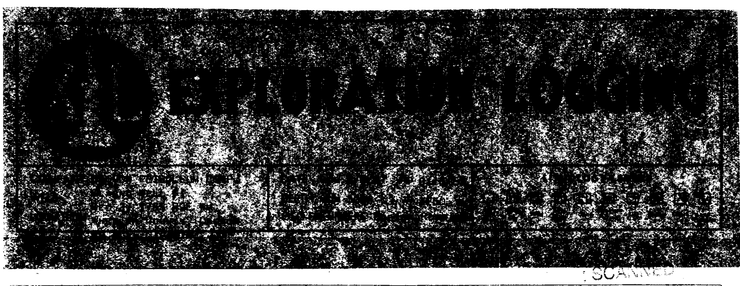

SCANNED

EXPLORATION LOGGING

DRILLING 50 RATE 25 FT/HR

Depth Hr | Percentage Lithology | Interpretive Lith. | OIL xxxx | GAS ——— | MICRO GAS ....

Slight Tr 1 2 4 6 8 10 | Trace 12 14 16 18 20 | Good Trace | Slight Sh. 30 | Show 40 | Good Show 50 100

ENGINEERING REMARKS — MUD DATA, SIT DATA | CORE ANALYSIS, WATER ANALYSIS

CONTINUOUS DITCH GAS
MICRO-GAS, MUD
PETROLEUM VAPORS

LITHOLOGY LEGEND
V BASALT AND ASS. LAVA FLOW
V TUFF
e VOLCANIC CONGL & PYROCLASTICS

3/5/57

3050

VOLCANIC CONGL. VARICOLORED VARIEGATED, AND/SUBANG FRAG. DOM. BASALTIC AND ANDESITIC W/MINOR AMOUNTS OF LT. SANDST AND GRANITIC FRAGS.

DITCH SAMPLES VERY POOR.

BYPASSING SHAKER SCREEN

DITCH SAMPLES VERY POOR TO FAIR.

3100

SMITH K2P 51FT/4½HRS

NB 9

3/6

RHYOLITIC TUFF, LT GRY AND/SUBANG. (POSS. HD SILTST)

VOL. CONGL AS ABOVE BUT W/ MORE BLACK SHALE.

3150

SMITH 30012G 36FT/1½HRS

NB 10

HUGHES W/R 127FT/16½HRS

NB 11

3/7

3200

Survey 3196' 7°15'

RHYOLITIC TUFF, LT WHITE-GRY (POSS. HARD SILTST)

SHALE, BLACK-GRY, FIRM/HARD FISSILE, SEN. GRAY SILTY, CALCITE VEINING AND INTERBEDS OF VERY HARD FINE GREYWACKE SANDST.

DEMINISHING AMOUNTS OF VOL. CONGL MATERIAL.

Mud: WT. 73
VIS. 52
W.L. 12.6
W.C. 2/32
PH 8.5

3250

3300

SMITH 30SV2 107FT/12½HRS

NB 12

3/8

3350

SHALE, AND SANDST AS DESCRIBER ABOVE.

FOLLOWING SAMPLES TAKEN FROM SHAKER SCREEN.

3400

SMITH 30012G 31FT/8½HRS

BR 10

3450

SMITH K2P 186FT/21½HRS

NB 13

3/9

3500

SANDST GRY. HARD, FINE TO VERY FINE, CALCITE VEINED GREYWACKE (?).

W/ BLACK FISSILE SHALE

3550

Mud: WT. 75
VIS. 54
W.L. 10.4
W.C. 2/32
PH 8.5

3600

SILTST. WHITE, HD. LIMEY, CALCITE INCLUSIONS, POSSIBLY TUFFACEOUS

SANDST AND SHALE AS ABOVE

SMITH K2P 330FT/24½HRS

NB 14

3/10

3700

3750

SHALE, DK GRY TO BLK, SILTY W/SHTY, STICKY W/ SILTST. DK GRY W/RED, BRN, BLUE-GRN STREAKS, W/SANDST AS ABOVE, SD. TRC CALCITE

3800

3850

SMITH 01PG 140FT/17½HRS

NB 15

3/11

3900

Survey 3877' 7°15'

3950

BYPASSING SHAKER SCREEN 3987 TO 4000 DITCH SAMPLES POOR.

4000

SMITH K2P 152FT/22 HRS

NB 16

3/12

Mud: WT. 77
VIS. 58
W.L. 9.8
W.C. 2/32
SD .75%
PH 9.5
SAL 22 G/G CL

4050

4100

SILTST. LT GRY-BLUE-GRY AND SANDST. GRY-GRN, HD, LIMEY.

4150

SMITH K2P 81FT/5½HR

NB 17

3/13

SHALE, DK GRY TO BLK, HD/FISSILE, SILTY.

4200

4250

TOTAL DEPTH 4250 FEET

4300

4350

4400

4450

4500