

STATE 36-1
NORT TOWNSEND GAS UNIT #1

GL 4049 RKB 4607

5 1/2" 17" NL to 1851'

5 1/2" 17" KL to 3085'

5 1/2" 15.5" KL to 5470'

5 1/2" 17" KL to 9142'

5 1/2" 17" NL to 9442' to TD

2 1/2" @ 10,303'

0.18 %/100'

3" @ 10,575'

0.27 %/100'

3 3/4" @ 10,850'

1.14 %/100'

5" @ 10,960'

1.39 %/100'

6 1/4" @ 11,050'

1.25 %/100'

7" @ 11,110'

Cent & scrat
10,200 - 11,200'

????

Seaman perf 10,932' - 10,972'

flow 507 BOPD + 48 SWPD + 1500 Mcf/d

Canyon perf 11,133' - 11,139'

snub 20 BOPD + 0 SWPD

11,447' Baker loc-set bridge plug

11,944' Otis WB packer

Otis N plug in SN nipple @ 11,985' leaking

Morrow perf 12,045 - 12,192 p* 5848 psi
CAOF 591 Mcf/d

T/fish 12,231' packer tail

P8TD 12,250'

5 1/2" csg @ 12,307' TD

Oh's WB 2.75" bore: 7' x 3 1/2" pup:
3 1/2" x 2 7/8" X0: 2 7/8" x 2 3/8" X0:
2 3/8" x 2 1/4" X0: 10' x 2 1/4" pup:
1.625" Oh's SN pos 3 nipples
10' x 2 1/4" pup: 1.536" Oh's SN
nipple: re-entry guide

Cent & scrat
12,000 - 12,200'

LMC
2/20/01

RECEIVED

JAN 13 1983

**O.C.D.
HOBBS OFFICE**