Rio Arriba Co, NM

12/2/76
(10) 3933 ND sd & sh, 7-7/8 hole, NND. 8.8-60-10.5-20#.
Lost circ material per bbl, lost 100% circ getting back to bottom w/new bit @ 3933, pull bit up to 1700' down 6 hrs thawing out mud lines, mix total of 1000 bbls mud, regaining 100% circulation, now GIH, breaking circulation every 900'.

12/3/76
(11) 4030 drlg sd & sh 7-7/8" hole, NND, mud
8.9-50-7.5, 20# filler per bbl, finish in hole to
3903, lost 100% circ, regain circ w/700 bbls mud,
18 hr down time lost circulation, 100% returns
last 6 hrs.

12/15/76
(23) 6125 drlg sd & sh, 7-7/8 hole, NND.

8.8-50-7.2, 18% LCM.
Wash 30' to btm, drill 9' & lost circ, pull 10
stds & mix mud, ran bit to btm, drilling past
4-3/4 hrs.

12/16/76
(24) 6166 ND sd & sh, 7-7/8 hole, NND.

8.7-42-7.2, 15% LCM.

Drill 6125-41 & lost circ, mix mud, drill 6141-66
& lost circ, mix mud, prep to drill.

Gost: 5757

OIL CON. COM.

DIST. 3

12/17/76
(25) 6172 ND sd & sh, NND. 8.6-45-7.4 + 20% LCM. Wash 30' fill & drill 6166-72 & lost circ, pull 10 stds & mix mud three times, now on btm, circ past 1-1/2 hrs, prep to log.

12/18/76
(26) 6172 TD sd & sh, 7-7/8 hole, 8.9-40-7.2, 20% LCM. circ 2 hrs, POH, Dresser Atlas log stop @ 532, ran bit to 900, POH, log stop @ 584, ran bit & knock out bridges to 3500, mix mud, reaming from 3565-3627 w/ 100% returns.