(505) 325-1415 P.O. Box 191 3001 Northridge Dr. Farmington, New Mexico 87499

JACK A. COLE

PENISTAJA NO. 6-13 CASING AND CEMENT SUMMARY

2/7/85 T.D. - 405θ' KB

Ran 109 joints 7", 23.0 lb. K-55 casing. Measured 4036.91, set at 4048.91. Cemented 1st stage through float collar at 4014.14 with 20 bbls. mud flush followed by 110 sacks (162 cu. ft.) 50-50 pozmix, 2% gel, 7 lbs. salt, 1/4 lb. flocele and 6-1/4 lbs. Gilsonite per sack followed by 100 sacks (118 cu. ft.) Class "B", 2% CaCl with 1/4 lb. flocele per sack. Plug down 6:00 p.m. Circulated 3 hours.

Cemented 2nd stage through stage collar at 1270.97 with 20 bbls. mud flush followed by 100 sacks (264 cu. ft.) 65-35 pozmix, 12% Gel and 6-1/4 lbs. Gilsonite per sack followed by 50 sacks (59 cu. ft.) Class "B", 2% CaCl and 1/4 lb. flocele per sack. Plug down 9:30 a.m.. Circulated 15 bbls. mud flush. top of cement 190 ft. determined by temperature survey.

2/11/85 Drilled 6-1/4" hole with air and mist from 4050' to 4893'.

Open hole interval to be tested and stimulated at such time as weather permits.

