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OIL CONSERVATION COMMISSION P. O. BOX 871 SANTA FE, NEW MEXICO

INAMOTION TROOFT July 11, 1952

NEWTON R. ROBERTS

Re: McCune #1 INME Sec. 22-111-13E San Miguol County

Total depth at the above captioned well at 2:15 P. M. today was 2693¹ and drilling is progressing satisfactorily with W7 bits. The last of the Abo red shale section was bassed at 2500¹. A very porous sandy linestone followed the shale and circulation was lost in this formation. Before circulation was re-established while drilling ahead approximately 40¹ deeper the mul had to be conditioned with the following ingredients: 55 sacks crevice-seal, 100 sacks aquagel, 200 lbs. soda ash, 125 lbs. lime, 37 sacks clay-acid soluble, 40 sacks cotton seed hulls, 27 sacks mica, 20 lbs. caustic soda, 125 lbs. quebracho, and three pick-up loads of sawdust.

The interval 2679-2657' was cored as core #1 and a recovery of $6\frac{1}{2}^4$ was obtained. The formation here for the most part was a porous to semiporous dark gray to white metamorphosed and re-crystallized limestone with no show of hydrocarbons apparent to the naked eye.

The formation at present is a gray to dark gray hard granitic limestone showing numerous traces of hornblendo, biotite, mescovite and quarts.

E.a.C.

Eugene A. Chaves Geologist - District 4