## NEW MEXICO OIL CONSERVATION COMMISSION

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Section A.					Da	ite 1957 C	W-6421	
Operator <b>South</b>	ern Colif	Pet Cor	n lases	Ead	omai Dab		E9 /	M 9:32
Well No. 2					ownship		Range	33 E NMPM
Located 1980				2310	Feet	From	South	Line
County <b>Iea</b> Name of Produci			tion <u><b>3601</b></u>		Dedicated Pool	Acreage		Acres
1. Is the Oper	ator the only	/ owner* i	n the dedic	cated ac				below?
	No	•	** ** *					
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"yes," Type	of Consolida	ition						
3. If the answ	er to questio	on two is	"no," list	all the	owners an	nd their	respecti	ve interests
below:							ं - <sup></sup> देकर	
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(See instructions for completing this form on the reverse side)

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Page 2 U. S. Geological Survey October 24, 1957

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Operator then conferred on October 22 with the Potash Company of America, U. S. G. S. District Engineer, and the U. S. G. S. Regional Supervisor. It was concluded that the program as shown on attached Form 9-331a would adequately protect the potash with a minimum of exceptions to Order R-111A, and still allow the operator considerable economic savings over the complete requirements of Order R-111A in this particular pool.

It should be noted that the requirement of setting the water shut-off string 200 feet below the lowest water encountered in the Santa Rosa formation may not always be completely attainable. This is due to the water that seeps into the hole sometimes causing a very sticky mud condition that has often been the reason for setting the 8-5/8" casing. Several fishing jobs have occurred because of the mud sticking the bit. Of course, the necessary depth of hole generally can be made by running the 8-5/8" and carrying it on down by underreaming and drilling below the pipe, and operator will make every effort to do so in future wells.

In regard to cementing the oil string, operator plans to use sufficient cement to circulate but in case it does not, the concession granted calling for a minimum of 200 feet of cement between the  $5\frac{1}{2}$ " and 8-5/8" casings would not require the operator to perforate the oil string just to re-cement between the two casings. Of course, re-cementing would be necessary if cement did not rise well up into the 8-5/8" casing, but operator feels this is very unlikely since the salt section is drilled with brine and very little, if any, enlarging of the hole occurs.

We trust that our conclusions now meet with your approval.

Yours very truly,

SOUTHERN CALIFORNIA PETROLEUM CORP.

J. A. Warren Division Engineer

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cc-New Mexico il Conservation Commission Hobbs and Santa Fe, New Mexico

Potash Company of America

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