



SOHIO PETROLEUM COMPANY

May 13, 1980

RECEIVED  
MAY 15 1980  
MIDLAND, TEXAS 79702  
P. O. BOX 3000  
OIL CONSERVATION DIVISION  
SANTA FE

Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Exception to Rule 303-A  
Penrose Well No. 2  
2086' FNL & 766' FWL of  
Section 9, T22S, R37E, NMPM  
Penrose Well No. 3  
1874' FNL & 766' FWL of  
Section 9, T22S, R37E, NMPM  
Lea County, New Mexico  
Lease No. 061446

Gentlemen:

The Penrose No. 2 was drilled and completed in March 1946 in the Paddock pool to a TD of 5245'. This well produces from perforations at 5158-68'. Production is measured by periodic well tests.

The Penrose No. 3 was drilled and completed in January 1947 to a TD of 8120' as a Brunson (Ellenburger) open hole completion 8089-8120'. This well was TA'd in March 1964. The Penrose No. 3 was recompleted April 1980 in the Brunson (Fusselman) pool and is producing from perforations at 7230-60'. Production will be measured by periodic well tests.

The gravity of the Paddock oil is 36° with a value of \$39.42 per barrel. The gravity of the Fusselman oil is also 36° with a value of \$39.42 per barrel. The royalty interests in both zones are the same.

Attached is a schematic diagram of the Penrose No. 2 and 3, schematic diagram of the lease tank battery, and a plat showing all wells on the subject lease and the pool from which each well is producing. The U. S. Geological Survey is being advised of our request to commingle by copy of this letter.

We request an exception to Rule 303-A be granted to permit the commingling into common facilities of the commonly owned production from the Paddock and the Fusselman formations.

Very truly yours,

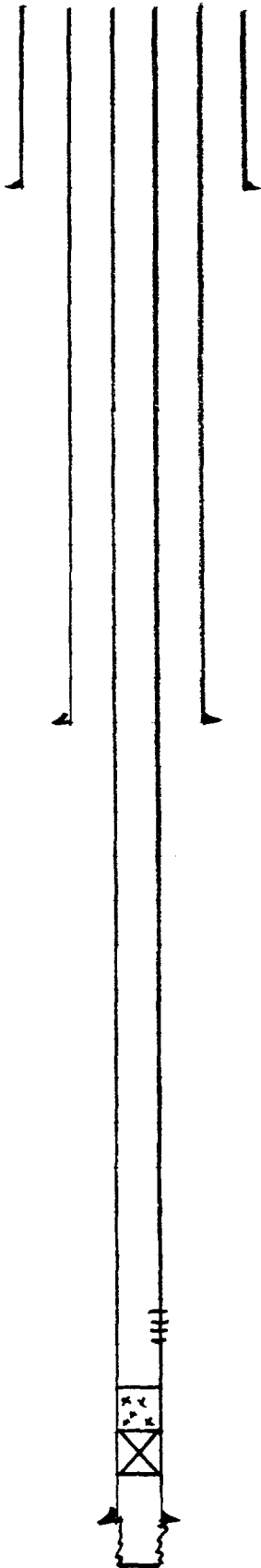
SOHIO NATURAL RESOURCES COMPANY

D. R. Lutton  
District Engineer

/rc

cc: NMOCC, Hobbs, New Mexico  
USGS, Hobbs, New Mexico

SCHEMATIC DIAGRAM OF SINGLE COMPLETION  
PADDOCK POOL  
SOHIO NATURAL RESOURCES COMPANY  
PENROSE 2



13-3/8" @ 153'  
cmtd w/150 sx

9-5/8" @ 2790'  
cmtd w/1400 sx

Perfs 5158-68'

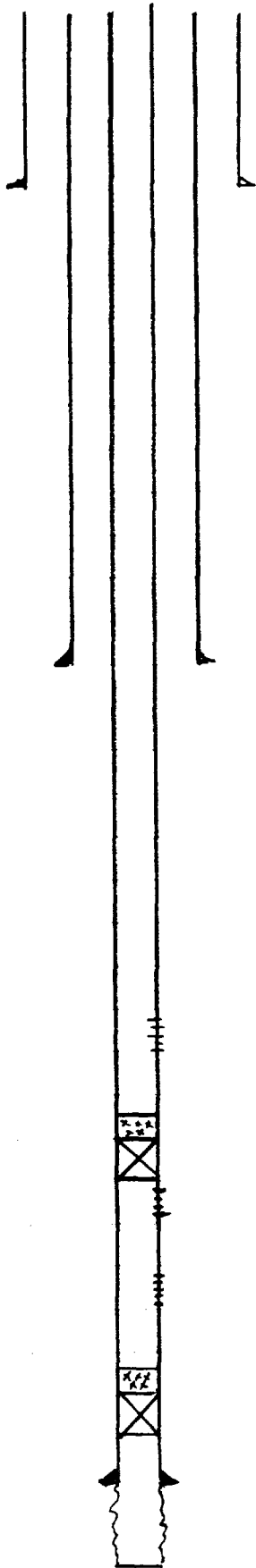
Cement Cap to 5180'

Retainer Plug @ 5195'

7" @ 5207' cmtd w/400 sx

TD 5245'

SCHEMATIC DIAGRAM OF SINGLE COMPLETION  
BRUNSON (FUSSELMAN) POOL  
SOHIO NATURAL RESOURCES COMPANY  
PENROSE 3



13-3/8" @ 153'  
cmtd w/165 sx

9-5/8" @ 2785'  
cmtd w/1400 sx

Perfs 7230-60'

CIBP 7322' w/20' cmt

Perfs 7330-40'

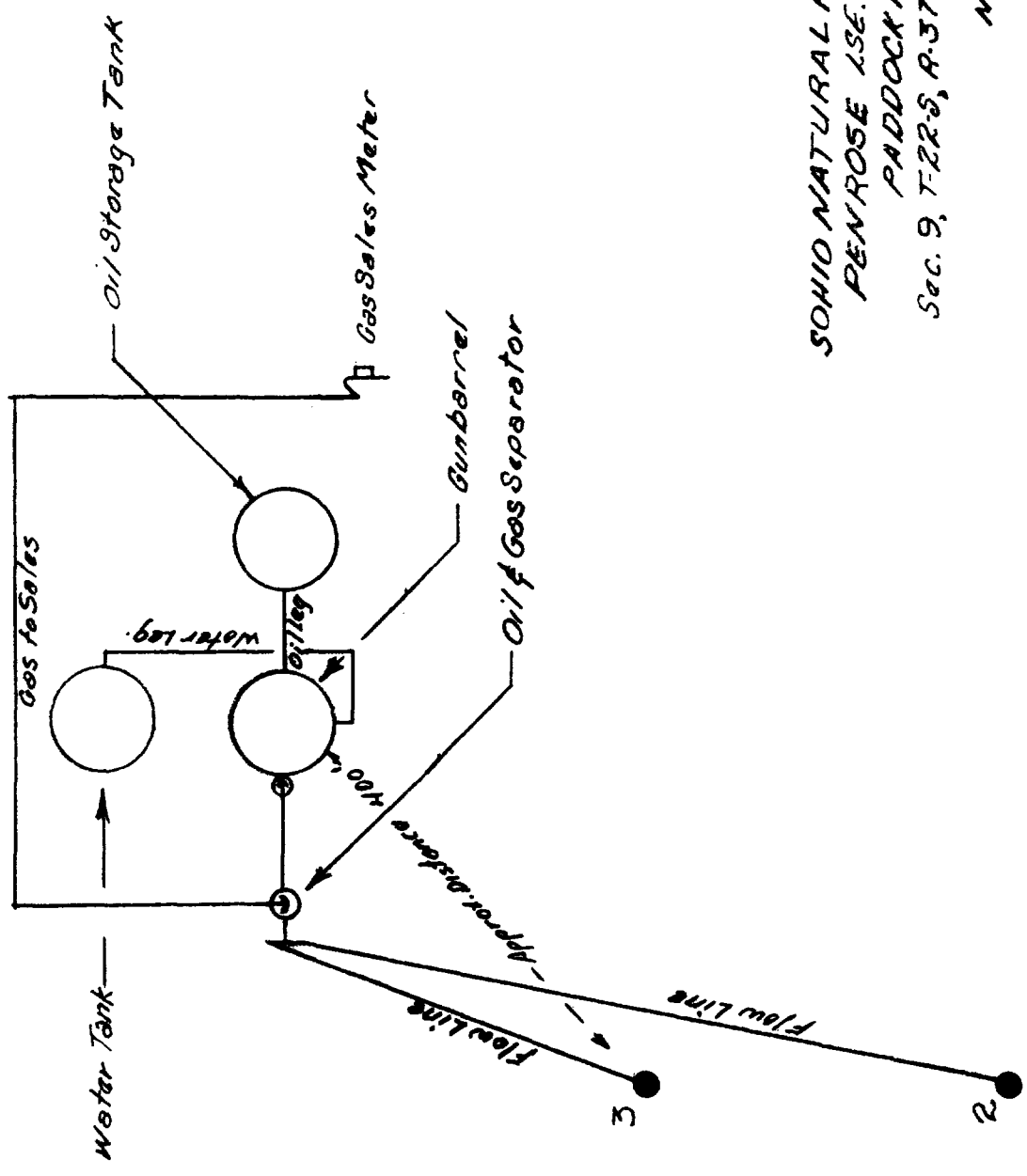
Perfs 7378-82'

CIBP 8075' w/2 sx cmt

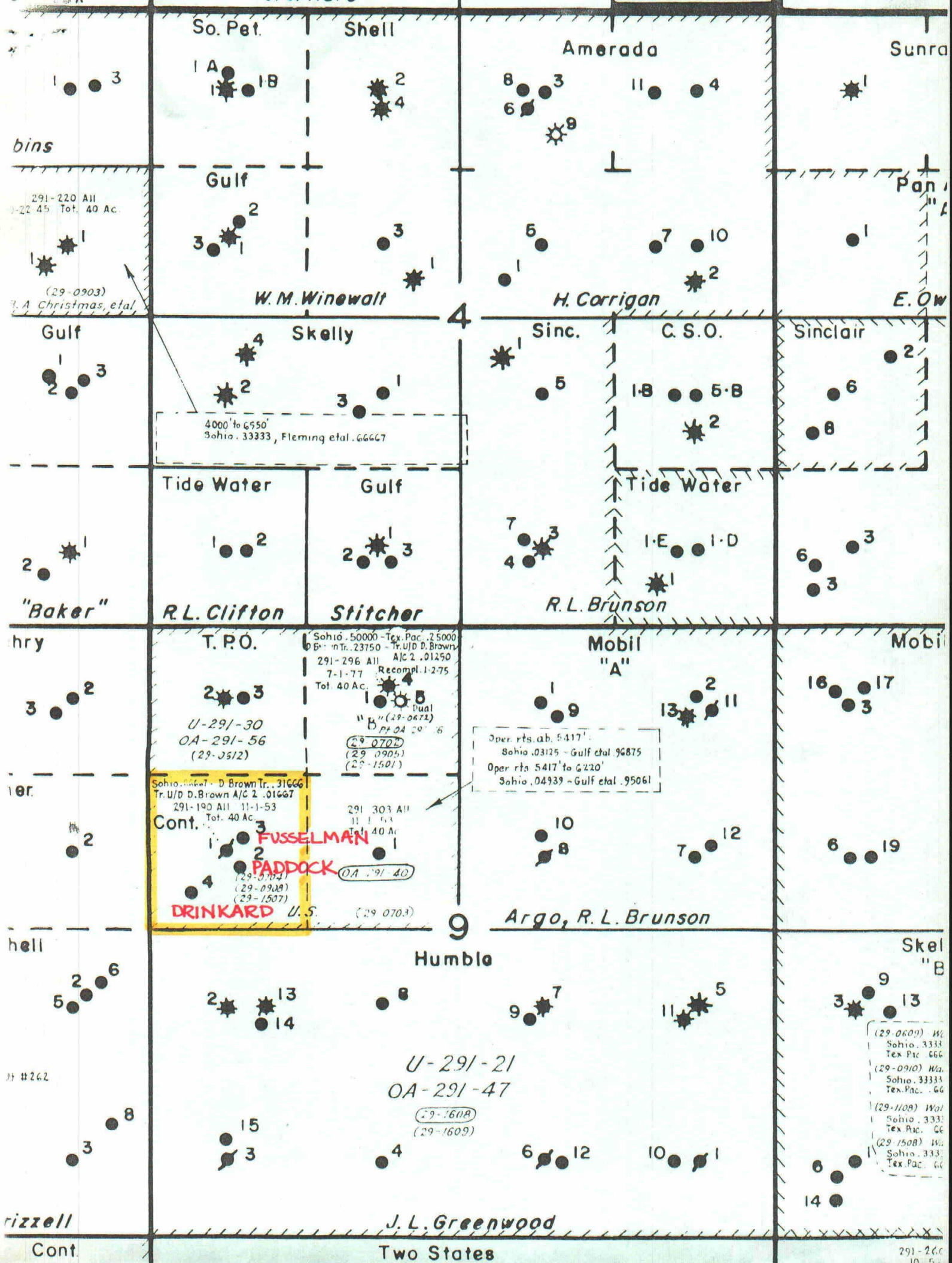
7" @ 8089'  
cmtd w/800 sx

Open Hole to 8120'

NOT TO SCALE



SONIO NATURAL RESOURCES CO.  
 PENROSE LSE. TANK BATTERY  
 PADDOCK POOL  
 Sec. 9, T22S, R37E, LEA CO., W.M.  
 NOT TO SCALE



REVISIONS	<b>SOHIO PETROLEUM COMPANY</b>	
	<b>N. DRINKARD</b>	
	P-291-37	
	LEA COUNTY,	NEW MEXICO
	SCALE 1" = 1000'	
	CHECKED	
	DRAWN J.H.E.	
	DATE 4-13-67	

**"Elliott" U.S.**

10 09475 9 13 67  
 11 06250 10 8 67  
 12 18750 12 21 67  
 13 06250 1 11 68  
 Tot. 40 Ac.

G.N. Zachry

291-260  
 10 5  
 Tot. 160

1  
 6 OA-291-24  
 OA-2

Sohio 33333  
 Tex. Pac. 66667 (29-1607) W.L.

16066 Walden A. 16000  
 Sohio 33333  
 6 Drinkard 66667

10 09475 9 13 67  
 11 06250 10 8 67  
 12 18750 12 21 67  
 13 06250 1 11 68  
 Tot. 40 Ac.

Sohio 33333  
 Drinkard 291-308  
 10 5  
 Tot. 160