



SOHIO PETROLEUM COMPANY  
EXPLORATION AND PRODUCTION

MIDLAND, TEXAS 79702  
P. O. BOX 3000

January 24, 1979

MIDLAND DISTRICT

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

Re: Exception to Rule 303-A  
Elliott B-12-2 Well #3  
2310' FNL, 660' FWL  
Sec 12, T22S, R37E, NMPM  
Elliott B-12-2 Well #2  
1980' FNL, 660' FWL  
Sec 12, T22S, R37E, NMPM  
Lea County, New Mexico  
Lease No. LC 064427

Gentlemen:

The Elliott B-12-2 #3 was drilled to a TD of 7658' in the Granite Wash formation and completed as an oil well September 1973 in the Drinkard formation. Perforations in the Drinkard are from 6254' to 6834'. Perforations in the Granite Wash are from 7182' to 7302'. Each zone is produced through separate strings of 2-1/16" tubing. Production from each zone is measured by periodic well tests. The royalty interests in both zones are the same.

The Elliott B-12-2 #2 was drilled to a TD of 5175' in 1945 in the Paddock formation and went into the Paddock (San Angelo) Unit in 1967. The well was released from the unit and returned to Sohio for recompletion in the San Andres formation. The well was plugged back to 4062' and is producing from perforations at 3912' to 3922'. Production from the San Andres is measured by periodic well tests and the royalty interest is the same as the Drinkard and Granite Wash in the #3 well.

The gravity of the Drinkard oil is 43° with a value of \$14.85 per barrel. The gravity of the Granite Wash oil is 40° with a value of \$13.36 per barrel. The gravity of the San Andres oil is 32° with a value of \$13.20 per barrel. The lowest possible commercial value of the commingled production is estimated to be \$0.02 per barrel less, but in most cases, due to the high percentage of higher gravity oil being produced, the actual commercial value of the commingled production would be the same as the sum of the values from the Drinkard, Granite Wash and San Andres.

# 2 5. since San Andres  
wants  
# 3 Drinkard - Granite Wash deal

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Attached is a schematic diagram of the Elliott B-12-2 #2 and the dually completed #3 well, 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 Drinkard, Granite Wash and San Andres formations. Permission was granted to commingle Drinkard and Granite Wash production on Commingling Order PC-482 dated July 23, 1974.

Very truly yours,

SOHIO PETROLEUM COMPANY



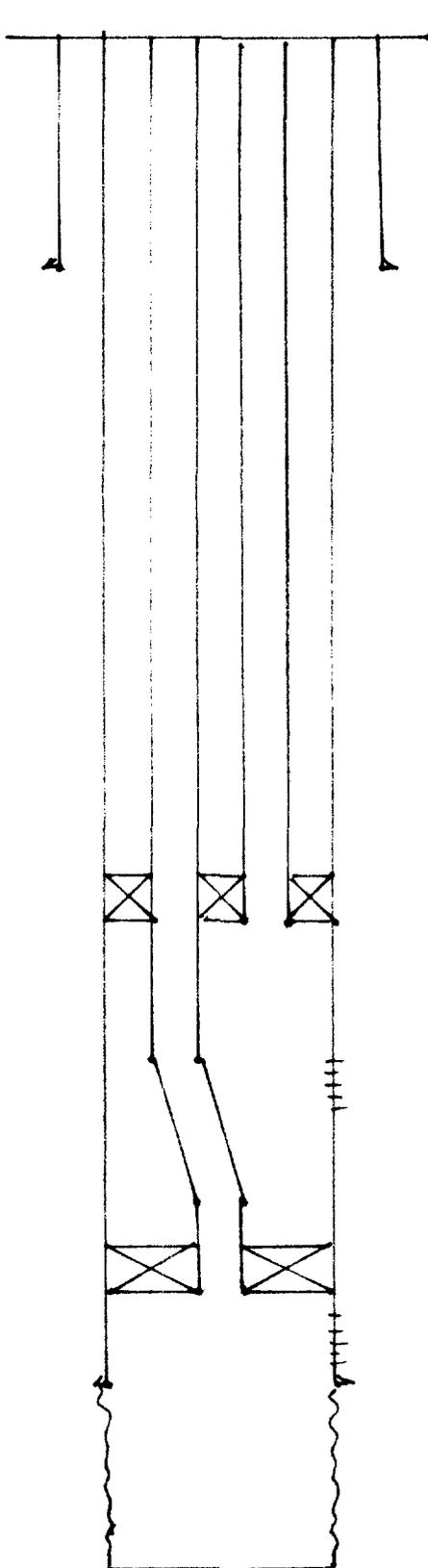
J. H. Walters  
District Superintendent

RC/JHW/rc

attachments

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

SCHEMATIC DIAGRAM OF DUAL COMPLETION  
DRINKARD AND WANTZ GRANITE WASH  
SOHIO PETROLEUM COMPANY  
ELLIOTT B-12-2 #3



GL 3343'

8-5/8" 24# csg set @ 1281.86'  
cmt d w/430 sx. Cmt circulated

2-1/16" tbg (2 strings)

Baker Model K pkr set @ 6216'

Drinkard perforations 6254-6834'

Baker Model D pkr set @ 7064'

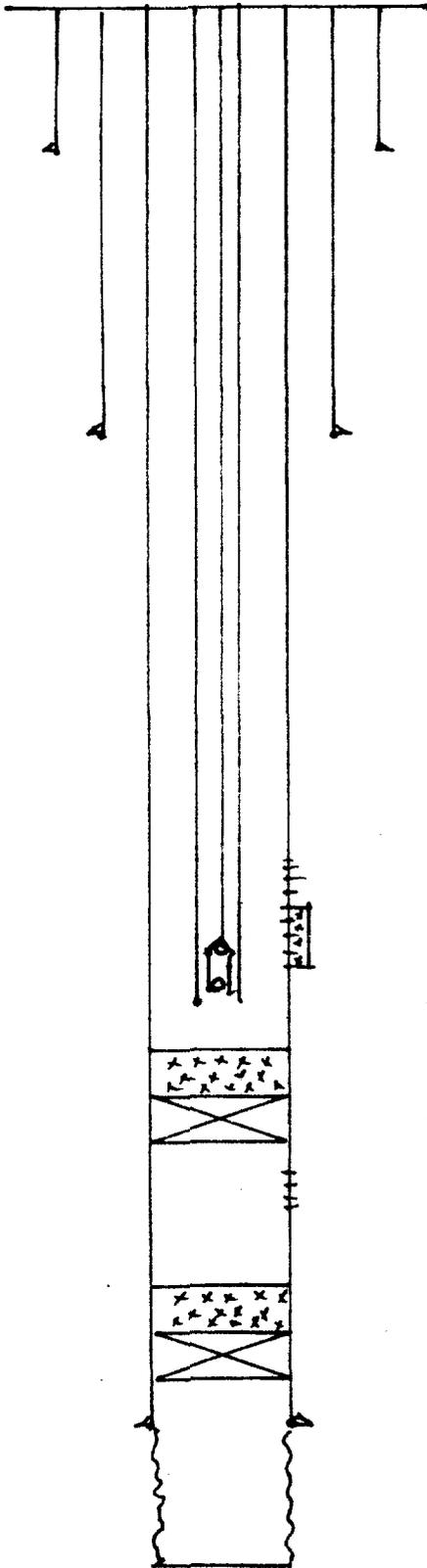
Granite Wash perforations 7182-7302'

5 1/2" 15.5# & 17# csg set @ 7343'  
cmt d w/675 sx, TOC 3314'

TD 7658'

SCHMATIC DIAGRAM OF SINGLE COMPLETION  
SAN ANDRES  
SOHIO PETROLEUM COMPANY  
ELLIOTT B-12-2 #2

3353' DF



13-3/8" csg set @ 171'  
cmtd w/118 sx

9-5/8" csg set @ 2809'  
cmtd w/1390 sx

Perforations 3912-3922'  
Sqzd perforations 3912-3971' w/125 sx

PBD 4062'

CIBP @ 4070'

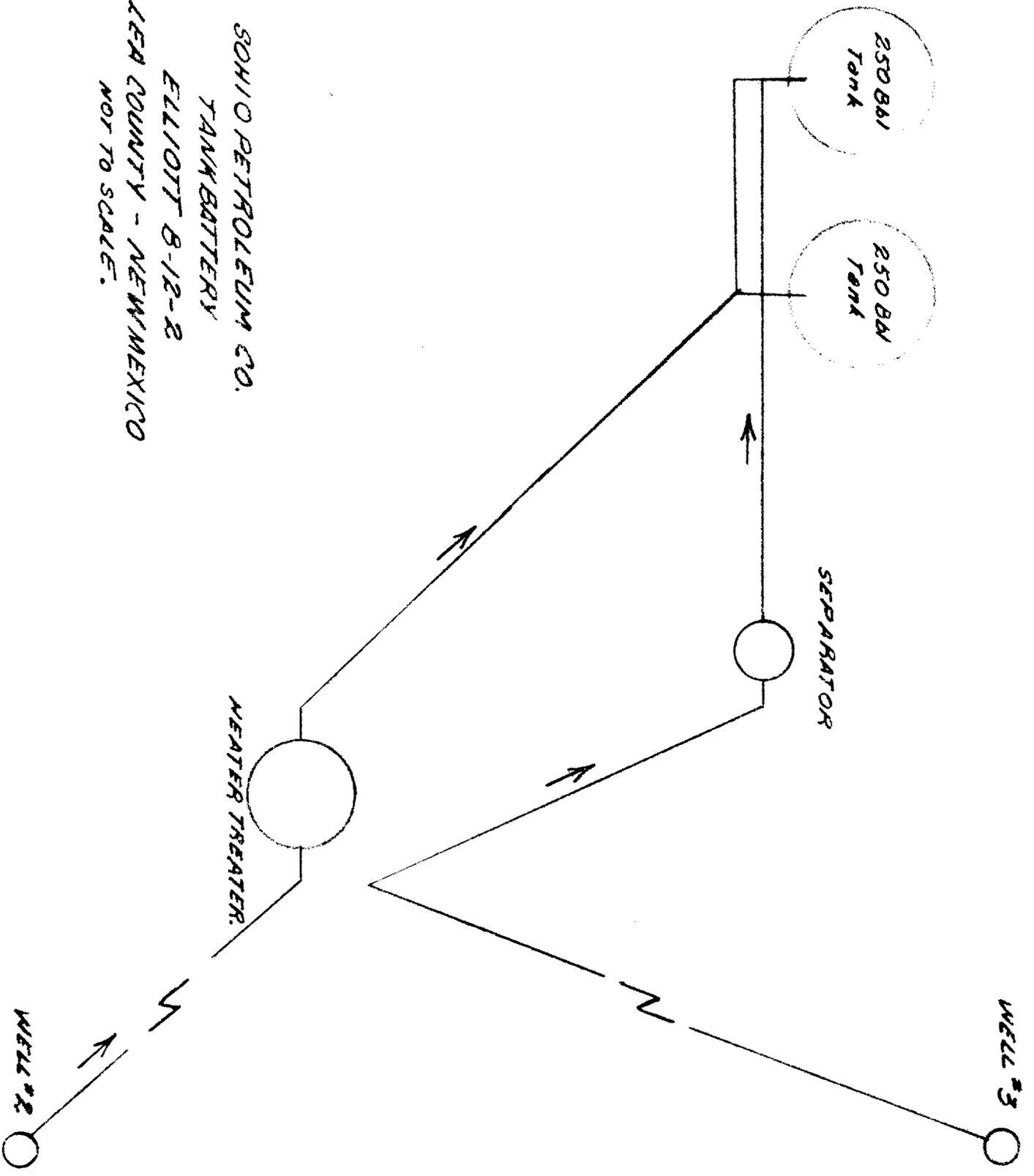
Perforations 4443-4690'

CIBP @ 5078'

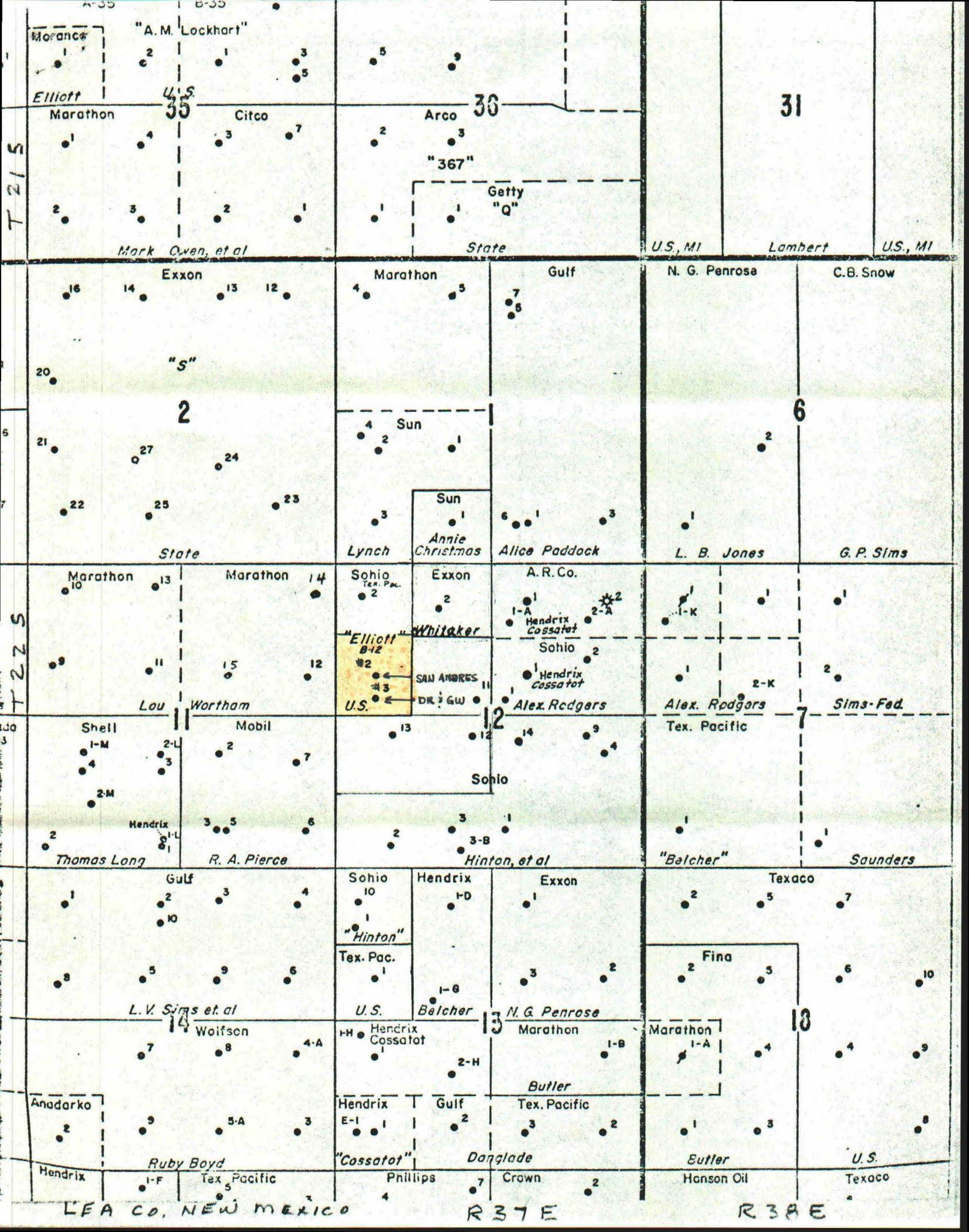
7" csg set @ 5159'  
cmtd w/500 sx

6 1/2" OH

TD 5175'



SONHO PETROLEUM CO.  
TANK BATTERY  
ELLIOTT B-12-2  
LEA COUNTY - NEW MEXICO  
NOT TO SCALE.



A-35 B-35  
 Morance  
 Elliott  
 Marathon  
 Citco  
 Arco  
 "367"  
 Getty  
 "Q"  
 State  
 U.S., MI  
 Lambert  
 U.S., MI

Exxon  
 Marathon  
 Gulf  
 N. G. Penrose  
 C.B. Snow  
 "S"  
 2  
 Sun  
 Sun  
 Annie Christmas  
 Alice Paddock  
 L. B. Jones  
 G. P. Sims

Marathon  
 Marathon  
 Sohio  
 Exxon  
 A.R.Co.  
 "Elliott B-12"  
 Whitaker  
 SAN ANTONIO  
 DR. GW  
 U.S.  
 Hendrix  
 Cossatot  
 Alex. Rodgers  
 Alex. Rodgers  
 Tex. Pacific  
 Sims-Fad.

Shell  
 Mobil  
 Gulf  
 Sohio  
 Hendrix  
 Thomas Long  
 R. A. Pierce  
 Hinton, et al  
 "Hinton"  
 Tex. Pac.  
 U.S.  
 Balcher  
 N. G. Penrose  
 Marathon  
 Marathon  
 "Balcher"  
 Saunders  
 Finis  
 U.S.

Anadarko  
 Hendrix  
 Ruby Boyd  
 Tex. Pacific  
 Phillips  
 Crown  
 Dan Glade  
 U.S.  
 U.S.  
 Hanson Oil  
 Texaco

LEA CO. NEW MEXICO

R 37 E

R 38 E