

Shell Oil Company



SEP 14 1979

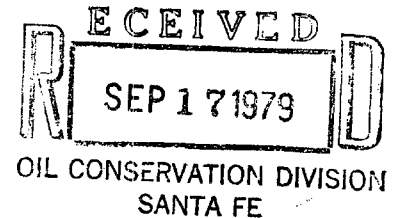
P.O. Box 991
Houston, Texas 77001

1110 = 302
Due - 10/3/79

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

Dear Sir:

SUBJECT: APPLICATION FOR DOWNHOLE
COMMINGLE SHELL SARKEYS
WELL NO. 4 UNIT LETTER N,
LOCATED 660' FSL AND 1980' FEL
OF SECTION 23, T21S, R37E
LEA COUNTY, NEW MEXICO



Shell Oil Company respectfully requests administrative approval under the provisions of Rule 303-C to commingle within the wellbore production from the Drinkard and Brinebry pools in Shell Sarkeys Well No. 4 located 660' FSL and 1980' FEL, Unit Letter N of Section 23, T21S, R37E, Lea County, New Mexico.

The subject well is currently being produced dually. The two zones are being commingled at the battery by New Mexico Oil Conservation Commission Order No. PC-187.

Both the Drinkard and Blinebry are in a steady state of decline. When downhole commingling is approved, we propose to install artificial lift to more economically and efficiently produce both zones.

A copy of this letter has been sent to all offset operators by certified mail to serve as proper notification.

Yours truly,

A. J. June

For. R. L. Easterwood
Production Administration Manager,
Mid-Continent Division

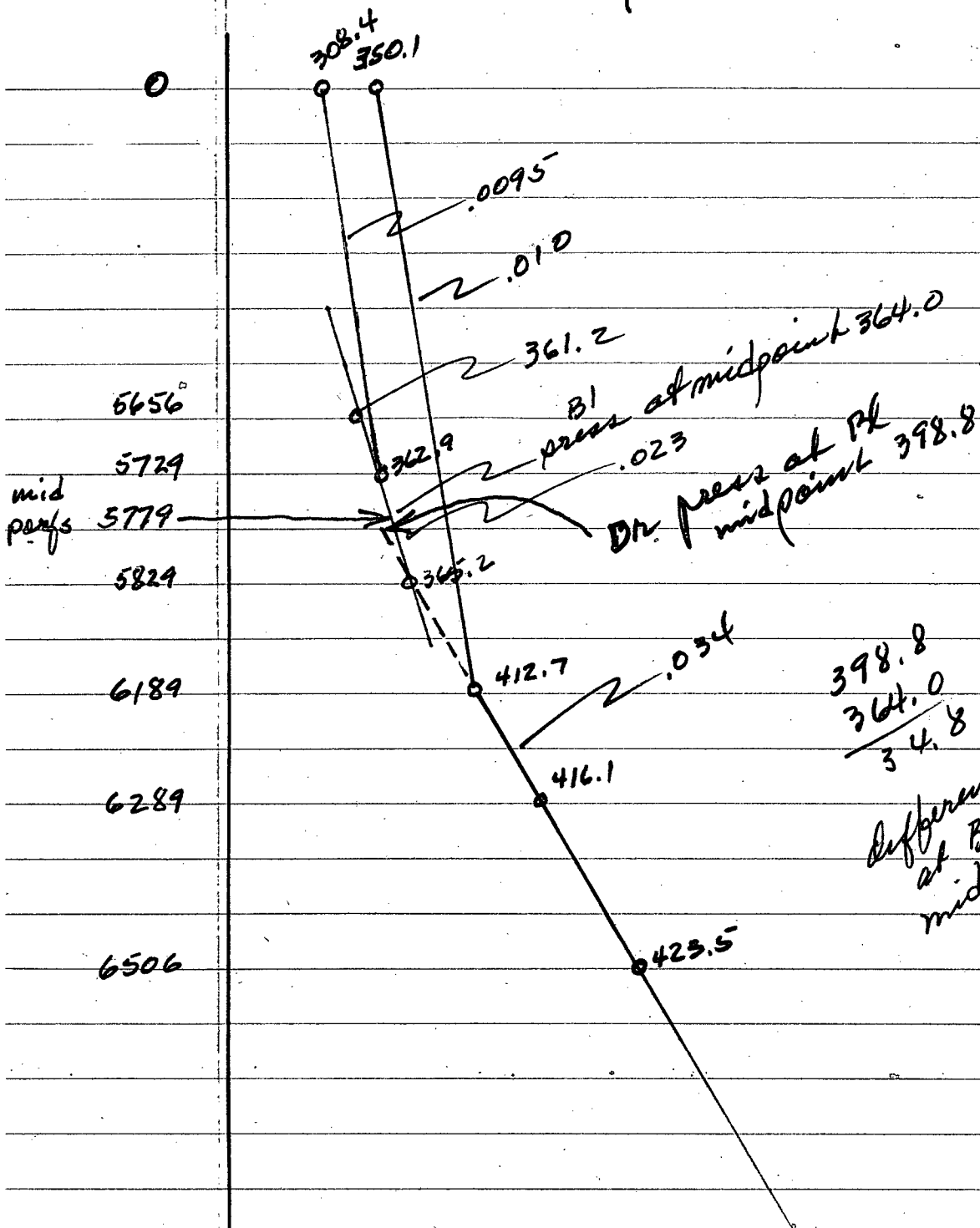
SH:LN

OK
[Signature]

Bottom pf 423

Bl 680 157° 245muf 867°
Dr 2 25 44 14
8 309

Jankeys #4



$$\begin{array}{r} \text{Bl perfs } 5854 \\ 5704 \\ \hline 2 \overline{) 15075} \end{array}$$

$$\begin{array}{r} 5704 \\ 75 \\ \hline \text{mid pt } 5779 \end{array}$$

$$\begin{array}{r} 5829 \\ 5779 \\ \hline 50 \\ .023 \\ \hline 50 \\ \hline 1.150 \end{array}$$

$$\begin{array}{r} 365.2 \\ 1.2 \\ \hline 364.0 \end{array}$$

$$\begin{array}{r} 398.8 \\ 364.0 \\ \hline 34.8 \end{array}$$

Differential
at Bl.
midpoint
34.8 psi

$$\begin{array}{r} 6189 \\ 5779 \\ \hline 410 \end{array}$$

$$\begin{array}{r} 034 \\ 410 \\ \hline 340 \\ 136 \\ \hline 13940 \end{array}$$

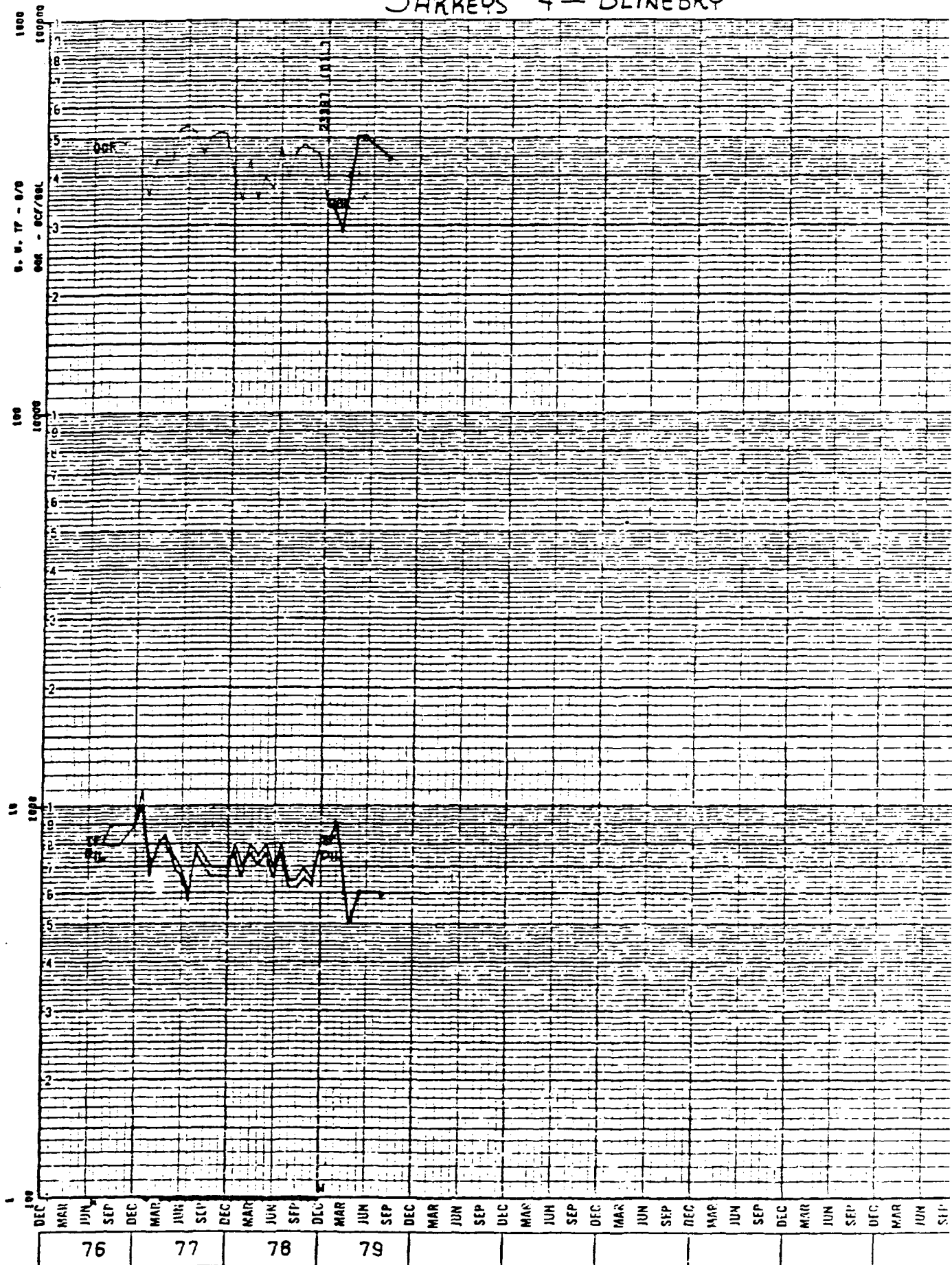
$$\begin{array}{r} 412.7 \\ 13.9 \\ \hline 398.8 \end{array}$$

Continental Oil Company, P. O. Box 1377, Roswell, New Mexico 88201

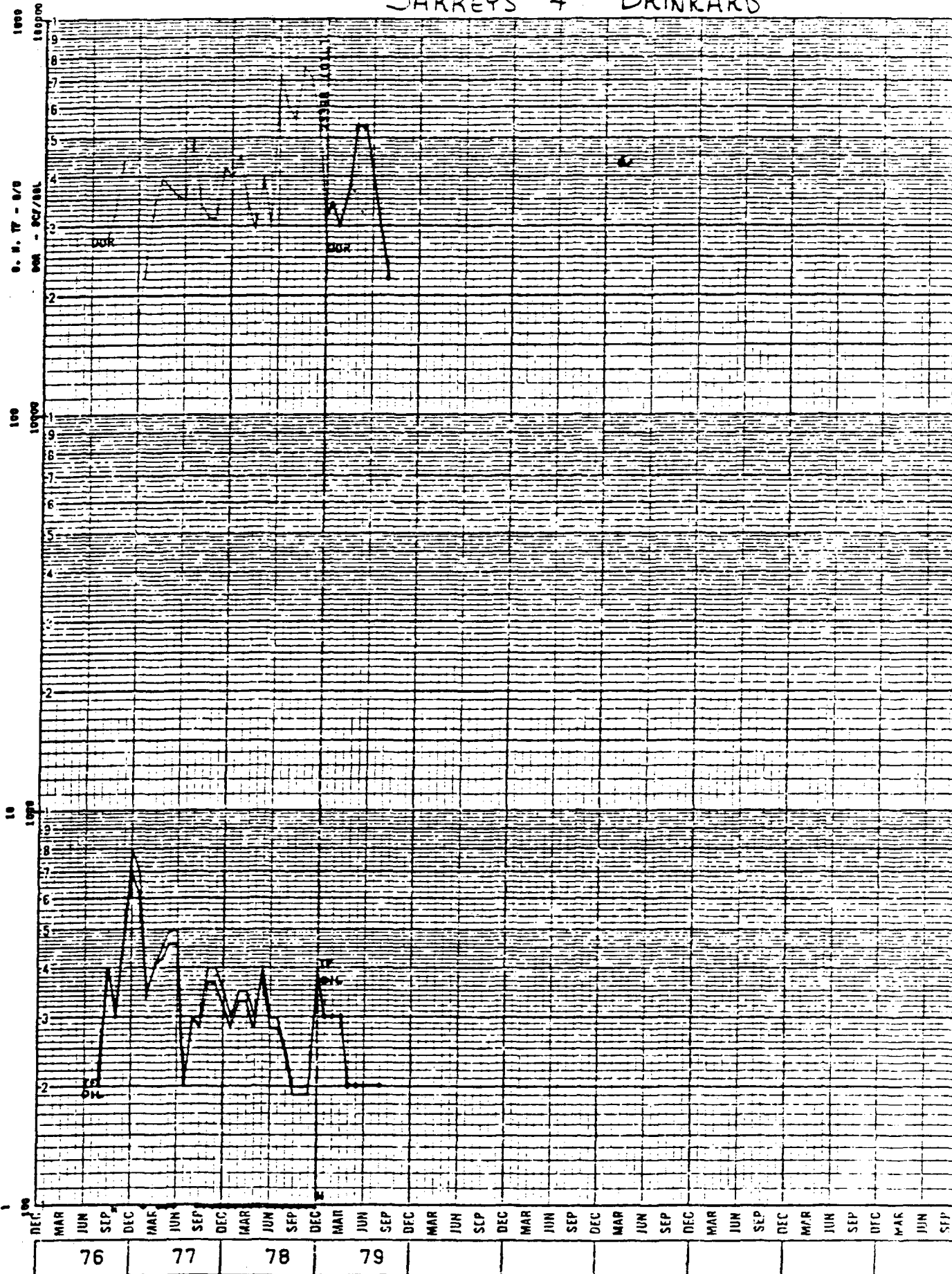
Gulf Oil Corporation, P. O. Drawer 1938, Roswell, New Mexico 88201

J. R. Cone, 209 Turner Drive, Hobbs, New Mexico, Attention Mr. L. O. Storm
(88240)

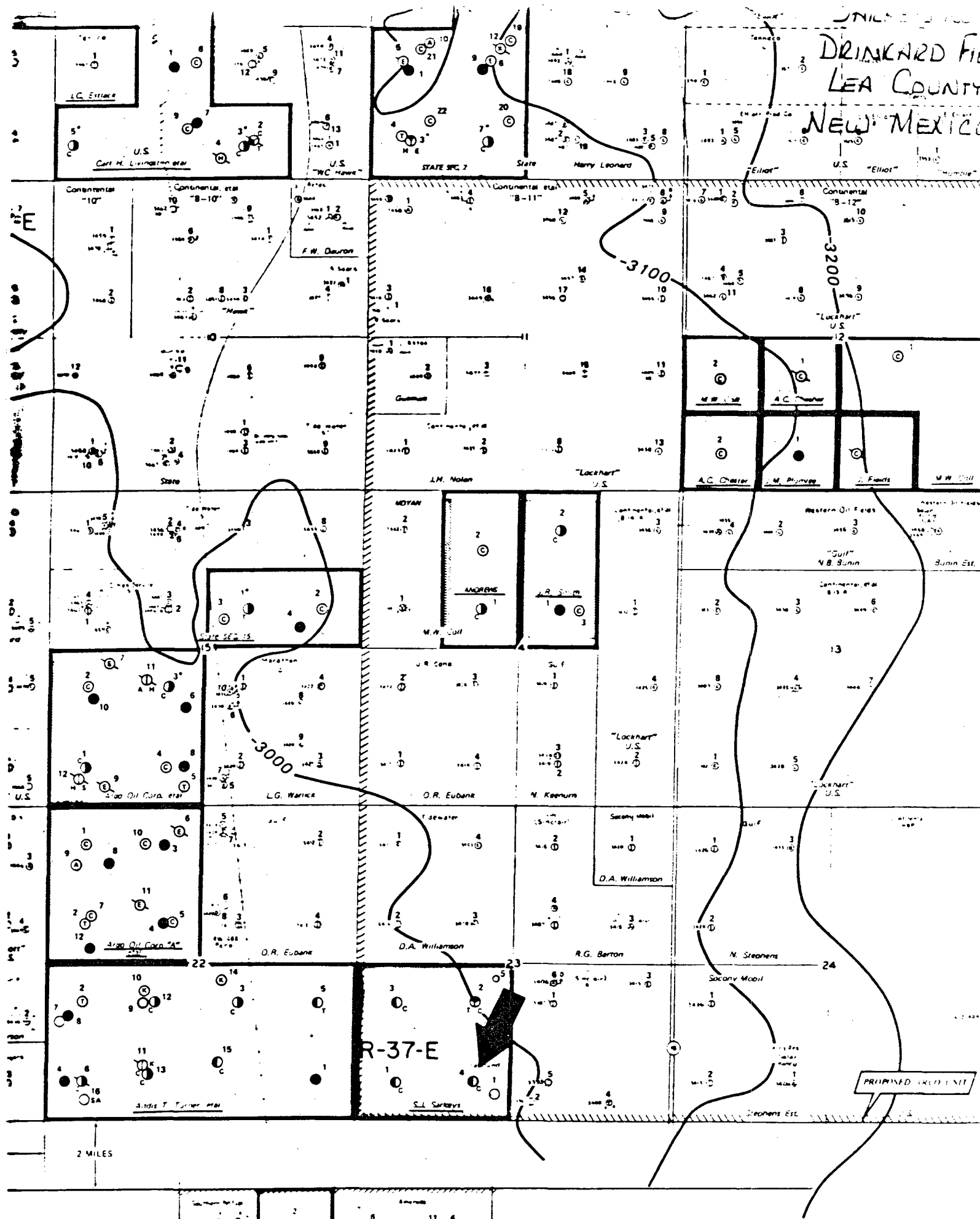
SARKEYS #4 - BLINEBRY



JARKEYS #4 - DRINKARD



DRINKARD FIELD
LEA COUNTY
NEW MEXICO



PROPOSED ACQUENT

2 MILES

R-37-E

DRINKARD FIELD
LEA COUNTY, N. MEX.

ELEV. = 3406' (DF)

13³/₈" CSG @ 229'

8⁵/₈" CSG @ 2927'

2¹/₁₆" TBG

2¹/₁₆" TBG

BLINEBRY PERFS
5704' - 5854'

PKR @ 6310'

DRINKARD PERFS
6382' - 6423'

5¹/₂" CSG @ 6450'

PBTD @ 6586'

[illegible]

Remarks: