

Mobil Oil Corporation

P.O. BOX 633
MIDLAND, TEXAS 79701

July 13, 1970

New Mexico Oil Conservation Commission (3)
P. O. Box 2088
Santa Fe, New Mexico 87501

Att: Mr. A. L. Porter, Jr.

APPLICATION FOR ADMINISTRATIVE
APPROVAL TO INJECT INTO MOBIL
OIL CORPORATION'S BRIDGES STATE
WELLS NO. 93, 89, 74, 78, 79 & 85
VACUUM GRAYBURG - SAN ANDRES POOL
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests approval to inject water into the Grayburg-San Andres formation through the following wells on the Bridges State Lease in the Vacuum Grayburg-San Andres Pool, Lea County, New Mexico:

Well No.	Location			
	Unit Letter	Section	Township	Range
93	J	3	17-S	34-E
89	A	10	17-S	34-E
74	I	11	17-S	34-E
78	K	11	17-S	34-E
79	K	12	17-S	34-E
85	G	12	17-S	34-E

Authority to initiate a waterflood project on the Bridges State Lease was granted in Order No. R-1244. Authority to expand the project was granted in Orders No. R-3318 and R-3984. Mobil further requests that this application be approved administratively under the provisions in Order No. R-3984. In support of this application, attached is:

1. A plat showing the proposed injection wells
2. A diagrammatic sketch of the proposed injection wells
3. A log of the proposed injection wells

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Produced water and supply water from the Ogallala formation will be injected into these wells at an approximate rate of 1,000 B/D per well at a maximum surface pressure of 2,500 psi.

Injecting into these wells is considered necessary to provide for a more thorough sweep of the project area.

Offset operators are being notified of this application by copy of this letter.

If any additional information is required, please advise.

Very truly yours,



Ira B. Stitt
Division Operations Engineer

CRKreuz/bje
Attachments (Only one copy
of logs available)

cc: District 1 - NMOCC (w/attach. less logs)

Offset Operators (w/map)

OFFSET OPERATORS
MOBIL OIL CORPORATION'S
BRIDGES STATE LEASE
LEA COUNTY, NEW MEXICO

Address List

Gulf Oil Company-U.S. - Box 1150, Midland, Texas 79701

Marathon Oil Company - Box 552, Midland, Texas 79701

Pennzoil United, Inc. - Box 1828, Midland, Texas 79701

Yates Drilling Company - 300 Carper Building, Artesia, New Mexico 88210

Diagrammatic Well Section
Bridges State Well #93
Vacuna (Grating-Sandstone) Pool
Lea County, New Mexico

G.L. Elev = 4072'
KB Elev = 4089'

8 5/8" 24 #/ft J-55 SET W/ 1765 SY
CIRC.

1665'

2 3/8" C.L. TBG

BAKER PC PKR.

4580' EST.

5 1/2" 14 #/ft J-55 SET W/ 1202 SY
CIRC.

4660'

4711 T.D.

Diagrammatic Well Sketch

Bridges State Well # 89

Vacuum (Gravberg Sanitation) Pool

Lea County, New Mexico

GL Elev = 4048'

KB Elev = 4057'

8 5/8" 24#/FT. U-55 Set w/ 800 SX

1657'

2 3/8" C.L. TBG.

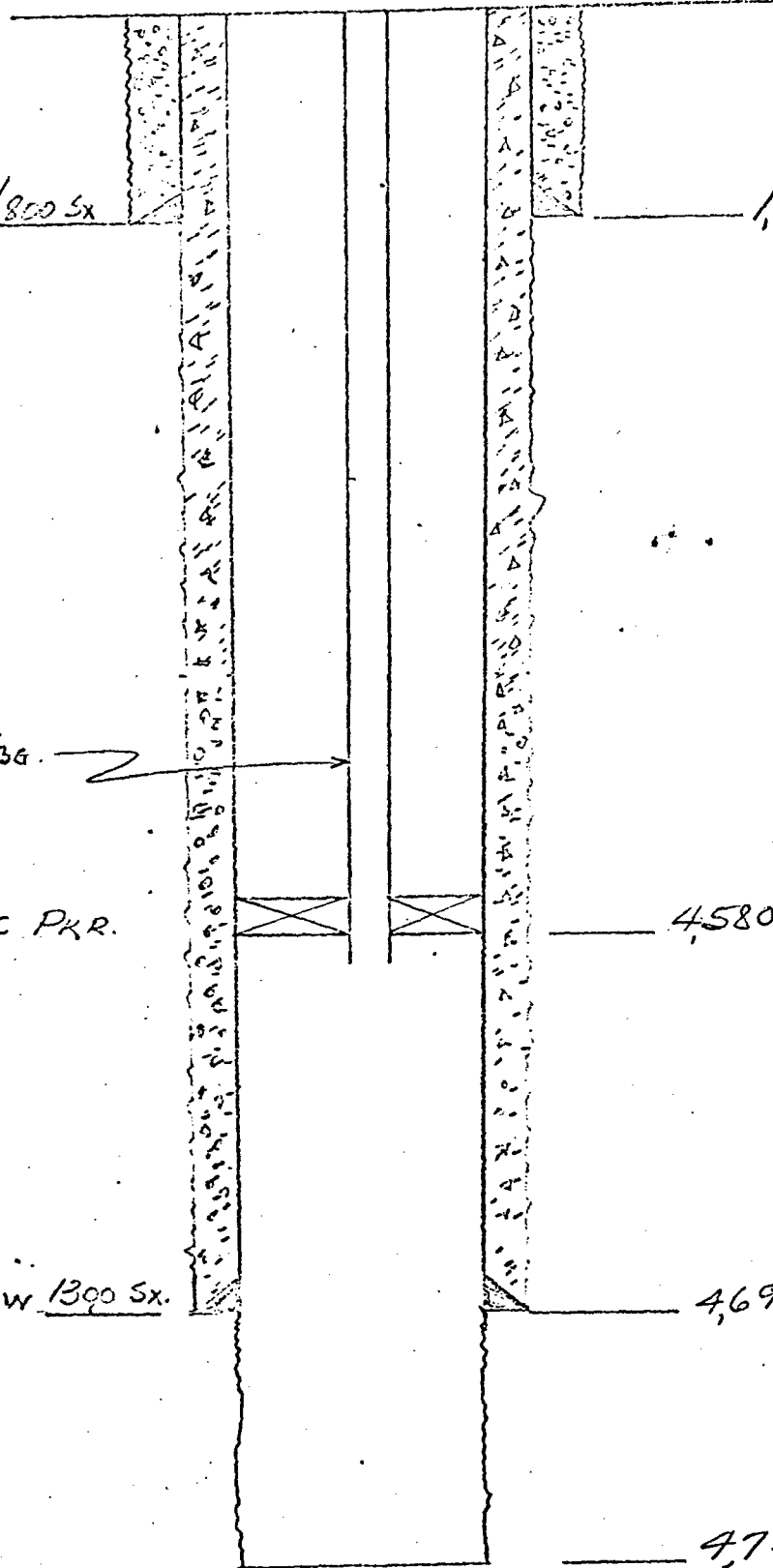
BAKER PC PKR.

4580' EST.

5 1/2" 14#/FT. U-55 Set w/ 1300 SX

4690'

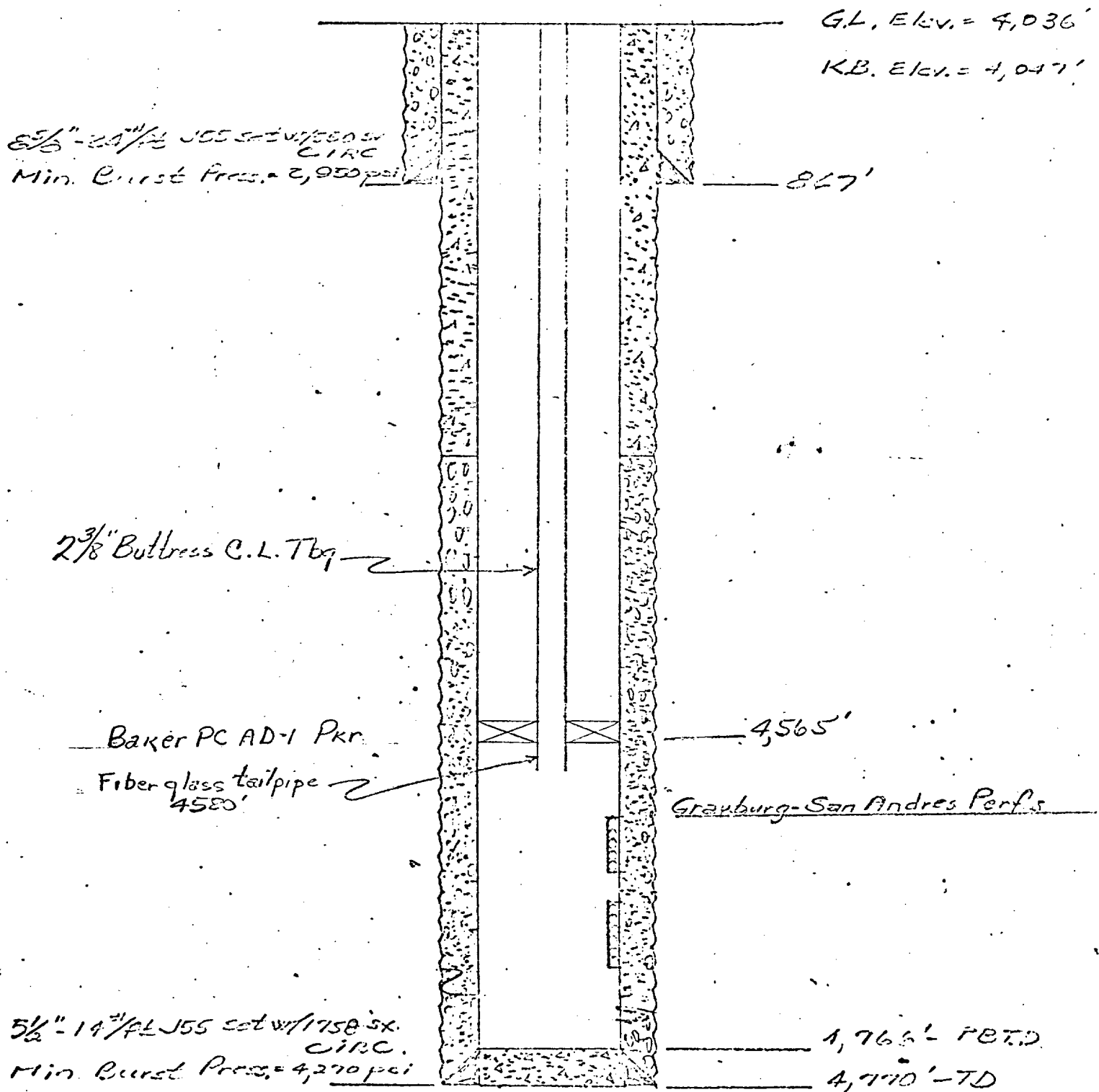
4742'



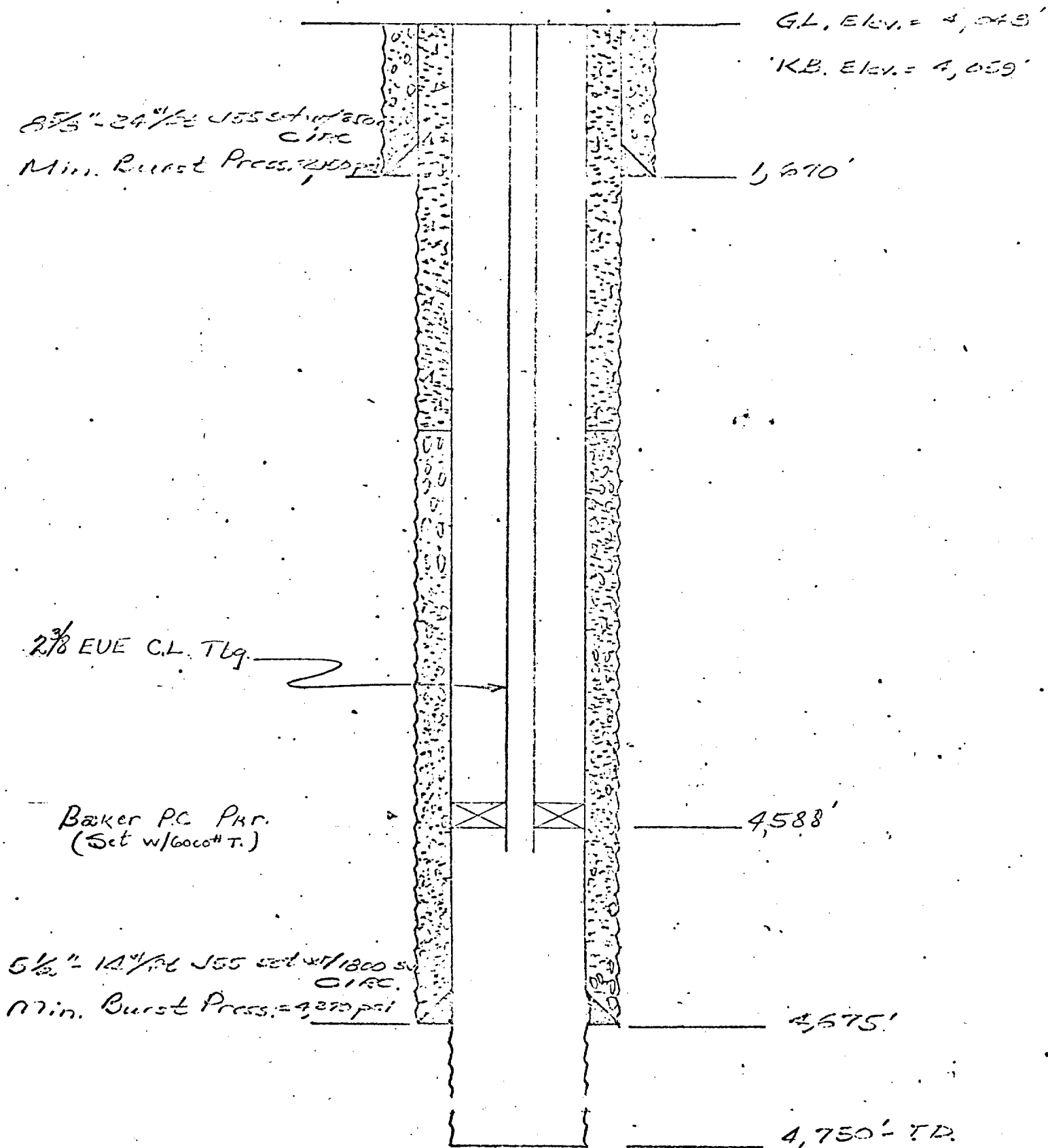
Bridges State W.I.W. No. 74

Vacuum (Grayburg-San Andres) Pool

Lea County, New Mexico



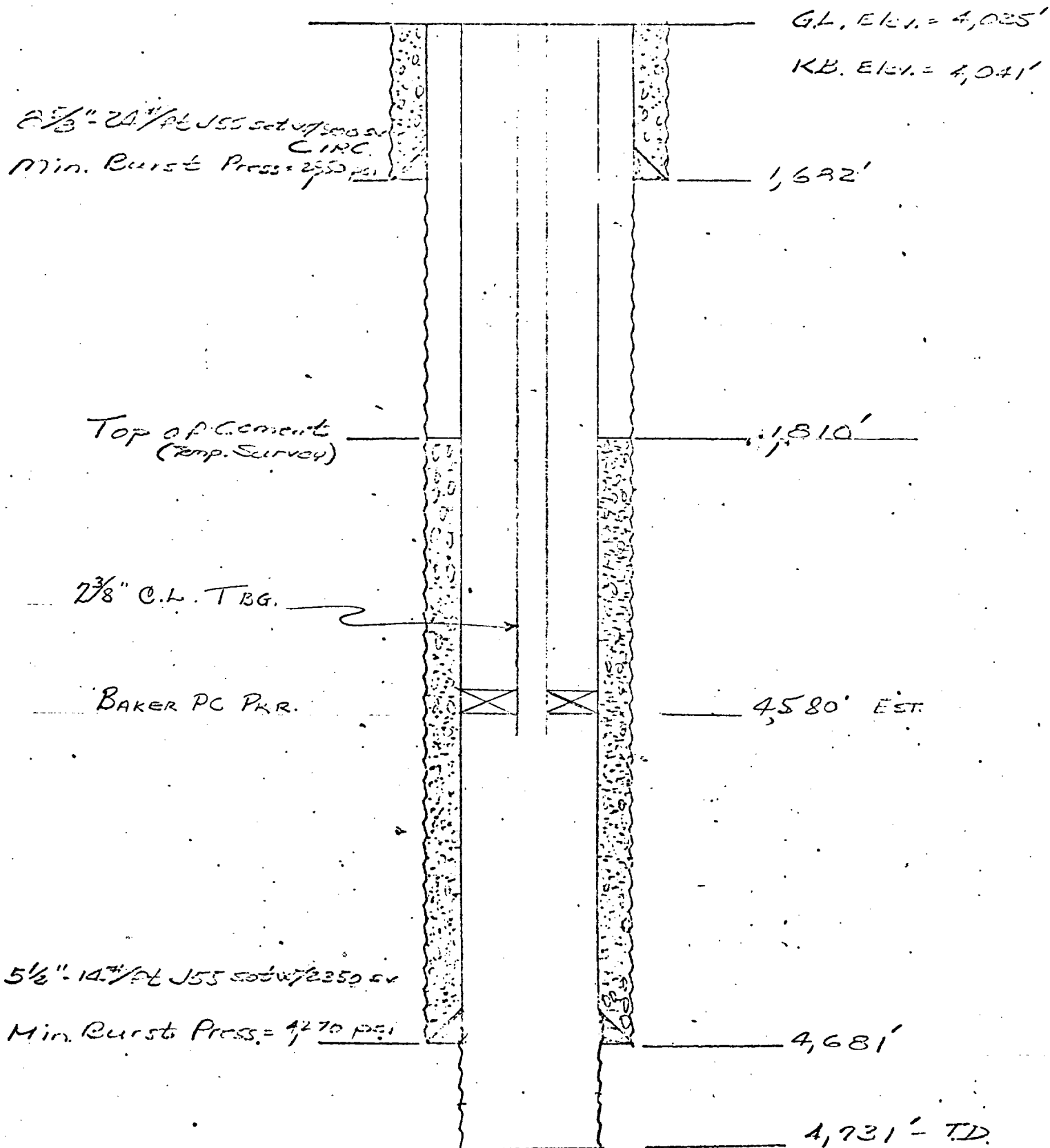
Lee County, New Mexico



Bridge State WFW No. 79

Vacuum (Greshburg-San Andres) Fld.

Lee County, New Mexico



DIAGNOSTIC WELL SECTION
Bridges State Well #85
Vacuum (Graying Sanitation) Pool
Lee County, New Mexico

