

Mobil Oil Corporation



P.O. BOX 633
MIDLAND, TEXAS 79701

August 28, 1973

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

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

PMK - 51
Nov 5/73

APPLICATION FOR APPROVAL TO
CONVERT TO INJECTION WELLS,
NORTH VACUUM ABO UNIT WELLS
NO. 216 & 217, VACUUM, NORTH
(ABO) POOL, LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests administrative approval to convert the North Vacuum Abo Unit Wells No. 216 & 217 to injection wells. These wells are located as follows:

| WELL NO. | LOCATION | | | |
|----------|-------------|---------|----------|-------|
| | Unit Letter | Section | Township | Range |
| 216 | H | 11 | 17-S | 34-E |
| 217 | F | 11 | 17-S | 34-E |

Order No. R-4430 dated September 27, 1972 authorized Mobil Oil Corporation to institute pressure maintenance operations in the North Vacuum Abo Unit by the injection of gas and water into the Abo formations through certain wells. This order also gave the Secretary-Director the authority to approve the conversion of additional wells to injection service. The subject wells were not approved as injection wells by Order R-4430 since they were brought into the unit by an expansion which became effective August 1, 1973. The Commission approved this unit expansion by letter dated July 30, 1973.

In support of this application the following items are submitted:

1. Plat showing the proposed injection wells
2. Diagrammatic wellbore sketch of each well
3. Log of each well with the injection interval indicated

NMOCC
Santa Fe, NM

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A complete set of this application, less the log, is being furnished each offset operator. These offset operators are:

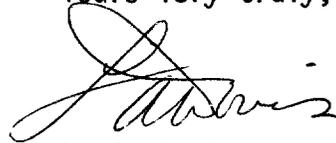
Amini Oil Corporation, 400 Wall Tower West, Midland, Texas 79701

Cities Service Oil Company, 800 Vaughn Bldg., Midland, Texas 79701

Marathon Oil Company, P. O. Box 552, Midland, Texas 79701

Should additional information be desired, please advise.

Yours very truly,



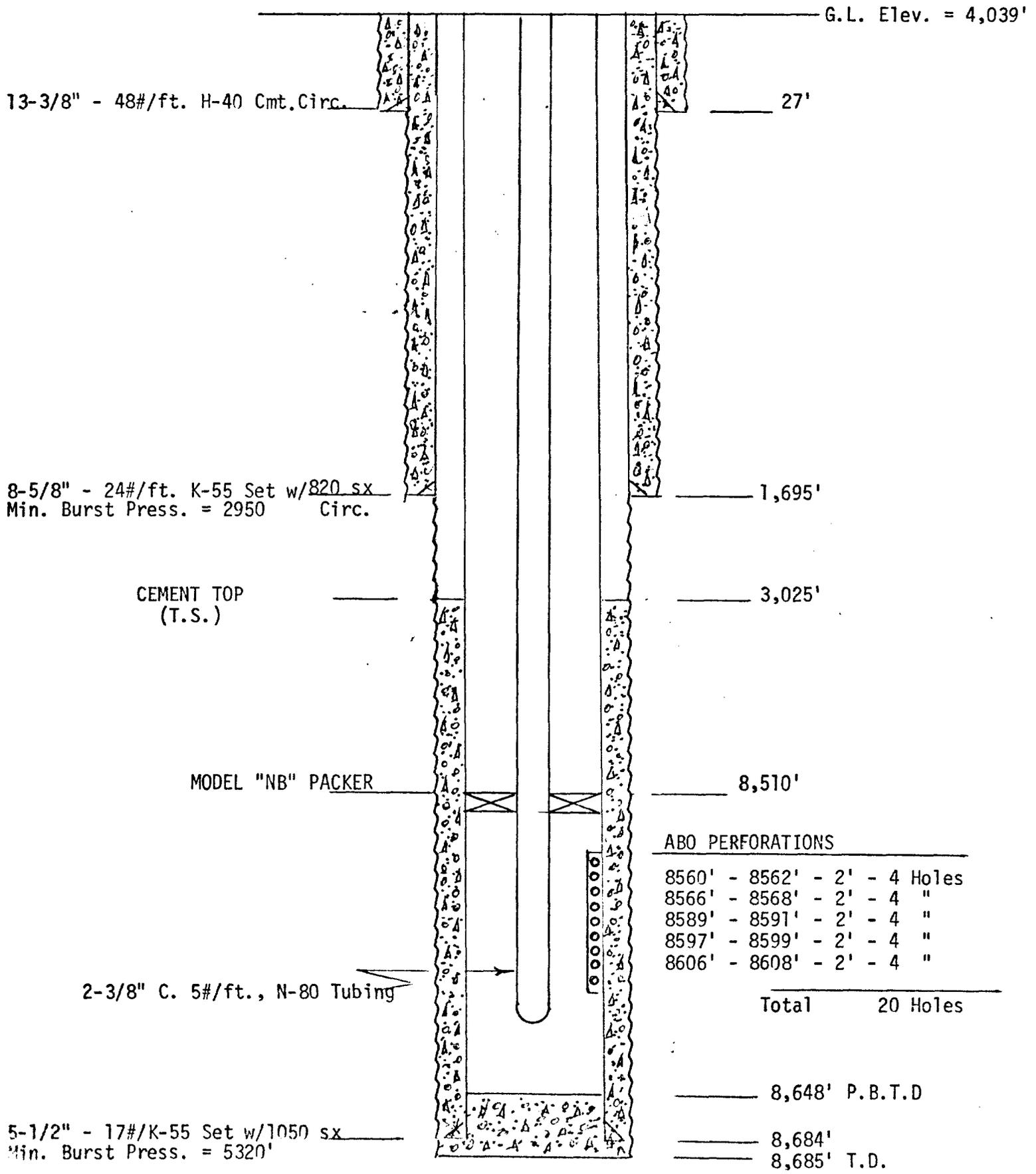
L. A. Davis
Area Operations Engineer

ADBond/cs
Attachments

cc: District 1 (w/attach.)
Offset Operators (w/attach., less log)
Commissioner of Public Lands (w/attach., less log)

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

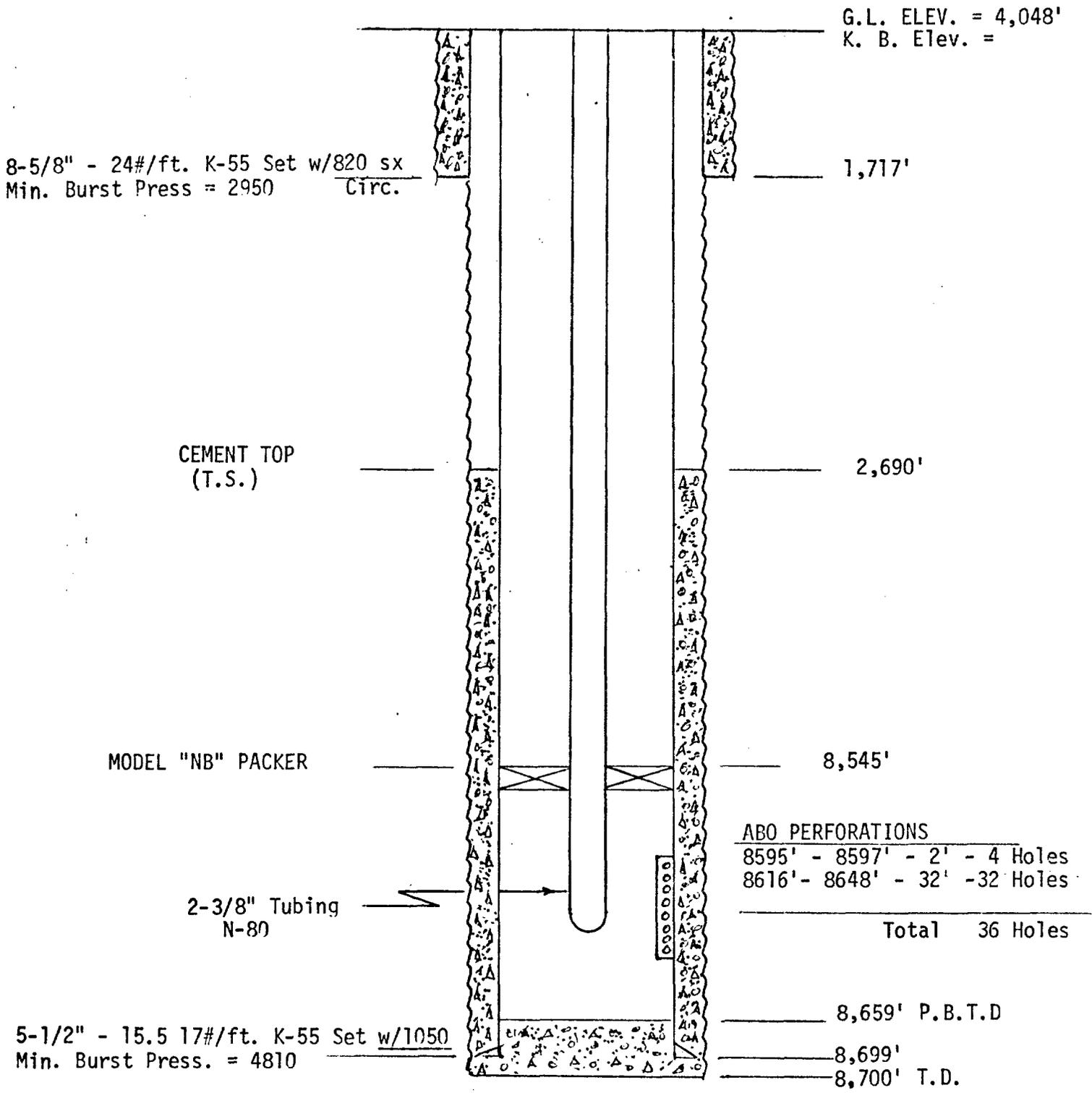
DIAGRAMMATIC WELL SKETCH
 NORTH VACUUM ABO UNIT WELL NO. 216
 NORTH VACUUM (ABO) POOL
 LEA COUNTY, NEW MEXICO



| ABO PERFORATIONS | | | |
|------------------|---------|------|-----------|
| 8560' | - 8562' | - 2' | - 4 Holes |
| 8566' | - 8568' | - 2' | - 4 " |
| 8589' | - 8591' | - 2' | - 4 " |
| 8597' | - 8599' | - 2' | - 4 " |
| 8606' | - 8608' | - 2' | - 4 " |
| Total | | | 20 Holes |

————— 8,648' P.B.T.D
 ————— 8,684'
 ————— 8,685' T.D.

DIAGRAMMATIC WELL SKETCH
 NORTH VACUUM ABO UNIT WELL NO. 217
 NORTH VACUUM (ABO) POOL
 LEA COUNTY, NEW MEXICO



(GULF LEA "FE" STATE NO. 5)