

Mobil Oil Corporation

P.O. BOX 633
MIDLAND, TEXAS 79701

PMX-47
June 12, 1973

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

Attention: Mr. A. L. Porter

PROPOSED INJECTION WELL
MOBIL OIL CORPORATION'S
NORTH VACUUM ABO UNIT
WELL #175
NORTH VACUUM-ABO POOL
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests authority to convert the subject well from a producing oil well to a gas or water injection well to serve the North Vacuum Abo Unit pressure maintenance project. This well is located in Unit H, 1980 ft from the north line and 485 ft from the east line of Sec. 14, T-17-S, R-34-E, Lea County, New Mexico. Order No. 4430 dated October 27, 1972 authorized the use of Well #125 on this same 40-acre unit as an injection well. Mobil decided not to use Well #125, but drill #175, produce it for a while from the Abo and then convert it to injection service.

In support of this request the following items are submitted in triplicate:

1. Area plat showing the location of the injection well.
2. Electric log of Well #175
3. Diagrammatic wellbore sketch.

As shown on the enclosed plat this is an interior well, therefore, no offset operators are involved.

Should additional information be required please advise.

Yours truly,



J. A. Morris
Production Engineering Supervisor

ADBond/cs
Attachments

cc: NMOCC - Hobbs - w/attach - less log

Proposed Injection Well Completion (Substitute for No. 125)

NORTH VACUUM ABO UNO Well No. 175

NORTH VACUUM (NP) Pool

LEA COUNTY, NEW MEXICO

GL ELEV = 4,017'

ELEV =

12 3/4" - 34 #/ft. Set wt 1400 sx
circ.

265'

8 5/8" - 28 #/ft. Set wt 1400 sx
Min. Burst Press. = 2470 circ.

3,060'

Baker Model NB Packer →
2 3/8" Buttress Thread N-80 Tubing →

8434

Abo Perforations

8434'-8490'; 8494'-8500';
8514'-8517'; 8520'; 8524'-8526';
8529'-8535' (2 JSPF) (58 Holes)

5 1/2" - 17 #/ft. J-55 Set wt 12300 sx.
Min. Burst Press. = 5320 circ.

8,750' T.D.

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

Proposed Injection Well Completion (Substitute for No. 125)

NORTH VACUUM ADD'NG. WELL NO. 175

NORTH VERMILION (P.O.) Bldg.

LEA COUNTY, NEW MEXICO

G.L. ELEV = 4,017'

ELEV =

12 3/4" - 34 #/ft. Set wt 14000 lb.
circ.

265'

8 5/8" - 28 #/ft. Set wt 11400 lb.
Min. Burst Press. = 2470 circ.

3060'

Baker Model NB Packer
2 3/8" Buttress Thread N-80 Tubing

9434

Also Perforations

8484'-8490'; 8494'-8500';
8514'-8517'; 8520'; 8524'-8526';
8529'-8535' (2 JSPP) (58 Holes)

5 1/2" - 17 #/ft. J-55 Set wt 12300 lb.
Min. Burst Press. = 5320 circ.

8,750' T.D.