

Mobil Oil Corporation

THREE GREENWAY PLAZA EAST - SUITE 800
HOUSTON, TEXAS 77046

February 2, 1977

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

Attn: Mr. Joe D. Ramey

7.01
APPLICATION FOR ADMINISTRATIVE
APPROVAL TO CONVERT TO WATER
INJECTION SERVICE
MOBIL OIL CORPORATION'S
DENTON NORTH WOLFCAMP UNIT
WELL #5-10 (TRACT 5, WELL #10)
DENTON WOLFCAMP POOL
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests administrative approval to convert the subject well to a water injection well under the provision of Rule 701.E.4 of the Commission's Rules and Regulations. Well #5-10 is located in Unit K, 1980' FSL and 2130' FWL of Sec. 35, T14S, R37E, Lea County, New Mexico.

Order No. R-3001, dated November 23, 1965, authorized Mobil Oil Corporation to institute a waterflood project known as the Denton North Wolfcamp Unit. This order also approved the use of certain wells as water injection wells. Mobil now desires to convert the subject well, which was not included in the original order, to a water injection well. The use of this well for injection service will flood an area of the reservoir not previously affected. This program will result in the recovery of hydrocarbons that might otherwise be left in place.

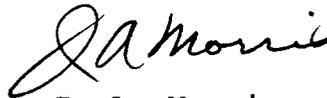
In support of this request, the following documents are submitted in triplicate:

1. A map showing all Wolfcamp wells within a 2 mile radius of the subject well;
2. A plat of the Denton North Wolfcamp Unit;
3. A log of the subject well; and
4. A diagrammatic wellbore sketch of Well #5-10.

February 2, 1977

This well is an interior well and no offset operator's property joins the proration unit on which Well #5-10 is located. Accordingly, none of the other field operators are being furnished copies of this application.

Yours very truly,



J. A. Morris
Supervisor,
Regulatory Engineering

ADBond:to
Attachments
cc: NMOCC - Hobbs

DIAGRAMMATIC WELL SKETCH
DENTON NORTH WOLFCAMP UNIT
WELL #5-10 (TRACT 5, WELL #10)
DENTON WOLFCAMP POOL

Elev. 3808' Gr.

13-3/8" Csg. set
w/400 sx cmt. circ.

350'

Top of Liner

4508'

8-5/8" csng. set w/2100 sx
cmt. circ.

4750'

2-3/8" plastic lined tubing

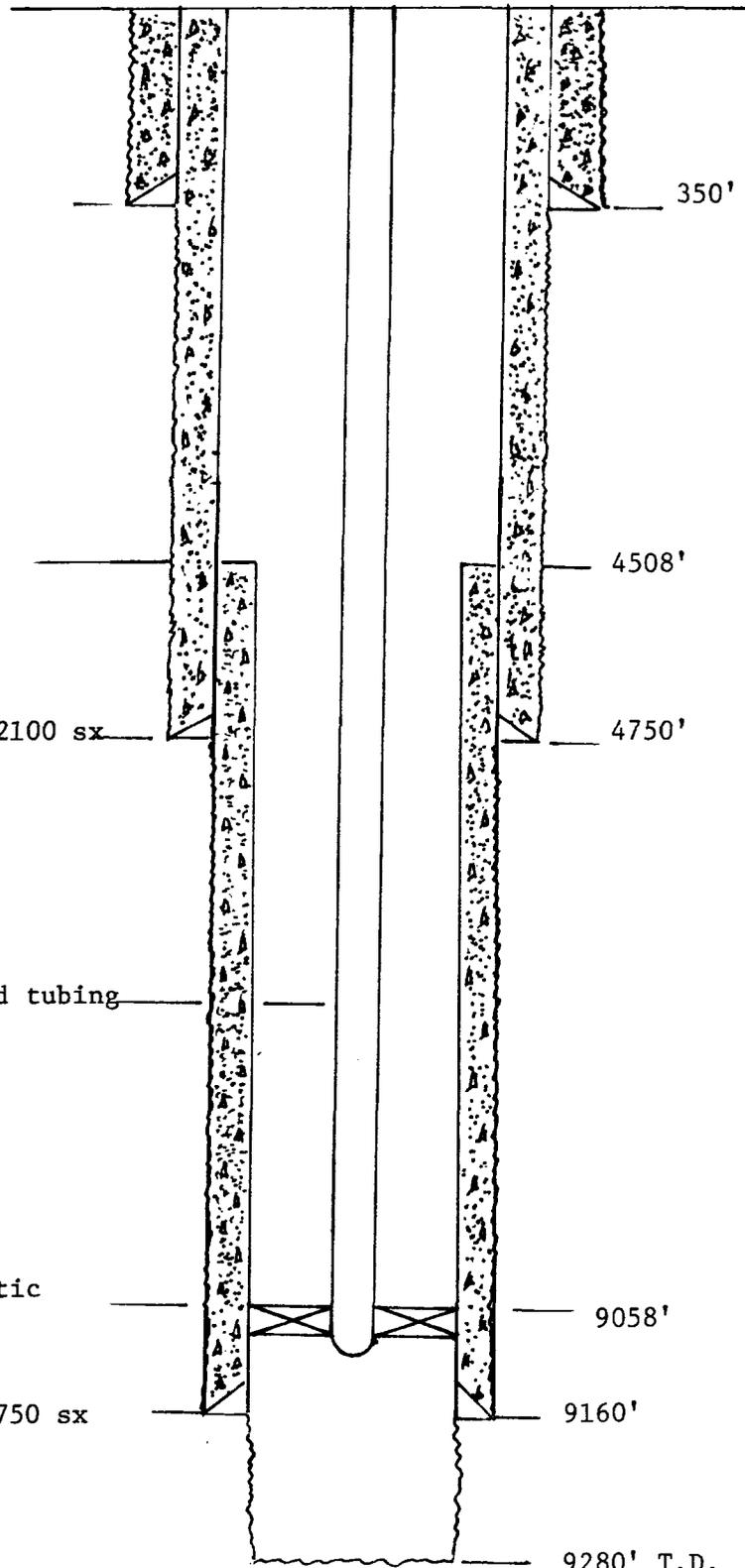
5-1/2" Model N plastic
coated packer

9058'

5-1/2" csng. set w/750 sx
cmt. circ.

9160'

9280' T.D.



OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE February 8, 1977

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX X _____
Proposed PMX _____

Gentlemen:

I have examined the application dated _____
for the Mobil Oil Corp. North Denton Wolfcamp Unit Tr. 5 #10-K 35-14-37
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,

