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May 13, 1975

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

Attention Mr. A. L. Porter Jr. - Secretary-Director

Gentlemen:

Application for Authority to Convert MCA Unit Well No. 226 to Water Injection, Lea County, New Mexico

Continental Oil Company, operator of the MCA Unit, respectfully requests authority under the provisions of Order No. R-2403-A to convert to water injection MCA Unit Well No. 226 located 660' FN & WL of Section 34, Township 17 South, Range 32 East, Maljamar (Grayburg San Andres) Pool, Lea County, New Mexico. Conversion of the well to water injection will result in improvement of waterflood pattern in the immediate offsetting wells. The attached map shows the well, marked by red triangle, and the immediate surrounding area.

The attached schematic diagram shows the manner in which the well will be equipped for injection. It is proposed to run a 4½" liner from 3400' to TD 3905' and inject in the open hole interval between 3905' and PBD 4253'. Prior to running this liner a casing inspection log will be run to determine the competence of the 7" casing. If the 7" casing is found to be in poor condition, the 4½" string will be run as a full string to the surface. The sketch shows the well as proposed to be equipped with a liner. A packer will be set at 3850 on 2 3/8" internally plastic-coated tubing and the annular space will be filled with an inert fluid and the surface connections equipped so that any change in pressure will be readily detected.

The attached log shows the portion of the bore hole into which injection is proposed to be effected.

As shown on the plat the nearest offset operator, other than Continental, is approximately ½ mile distant. It is respectfully requested that immediate approval of this application be granted.

Yours very truly,

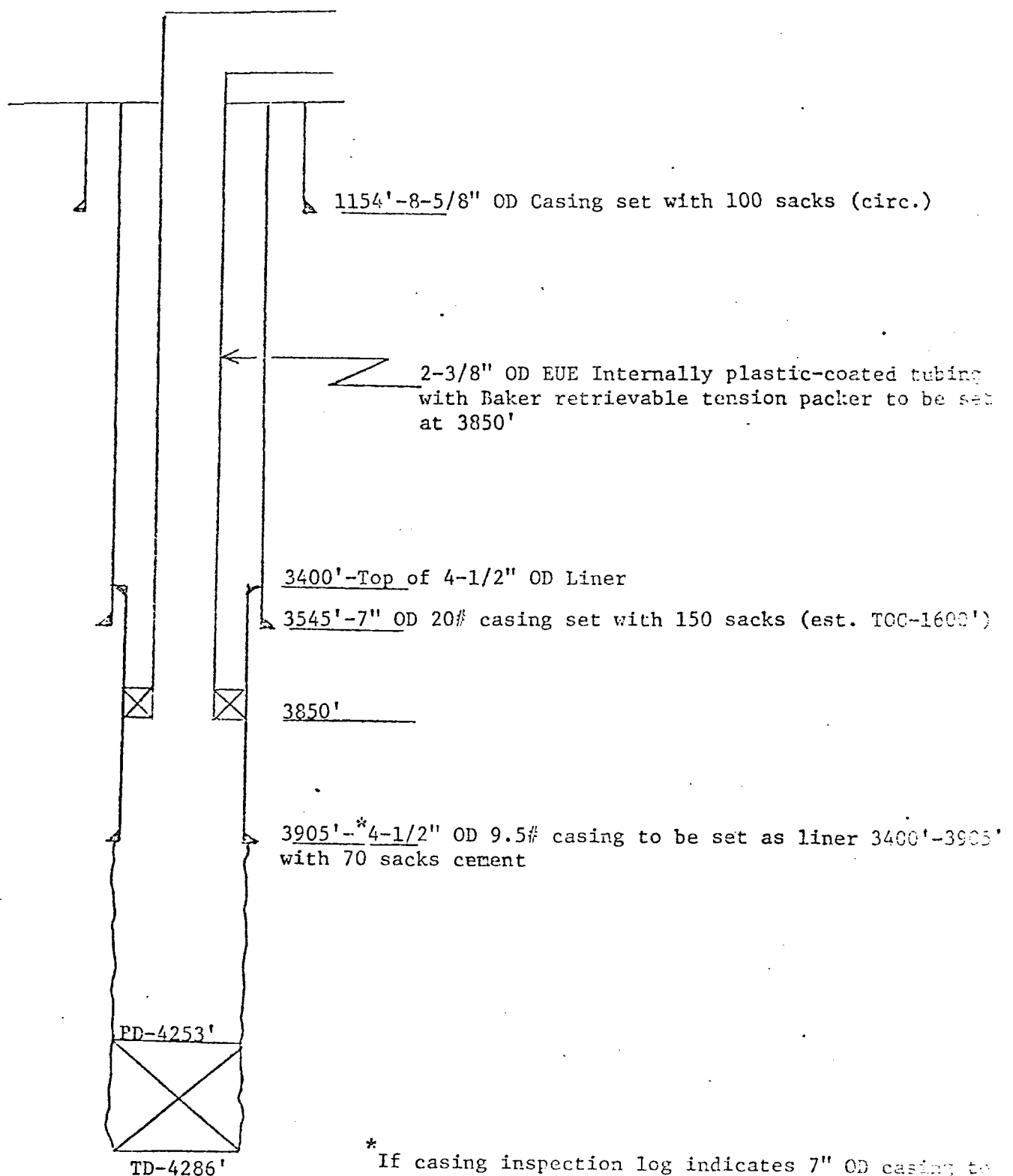
R. P. Thompson
reh
CC:
NMOCC - Hobbs
USGS - Hobbs (2)

JCC: FOH: JWK

*Continental Oil Company
Hobbs, New Mexico
Application for Authority to Convert MCA Unit Well No. 226 to Water Injection, Lea County, New Mexico
May 13, 1975*

MCA UNIT WELL NO. 226

UNIT D - 660' FNL & FWL SEC. 34 - T-17S, R-32E
LEA COUNTY, NEW MEXICO



* If casing inspection log indicates 7" OD casing to be in poor condition, a full string of 4-1/2" OD casing will be set from 3905' to surface and cemented with 285 sacks cement.

WELT

COMPANY CONTINENTAL OIL COMPANY

WELL M.C.A. 5112 - 5112

FIELD WILFORD

COUNTY IFA STATE N.Y. MEND

Location 660' ENL & 660' ENL Other Services

Caliper

Permanent Datum General Level

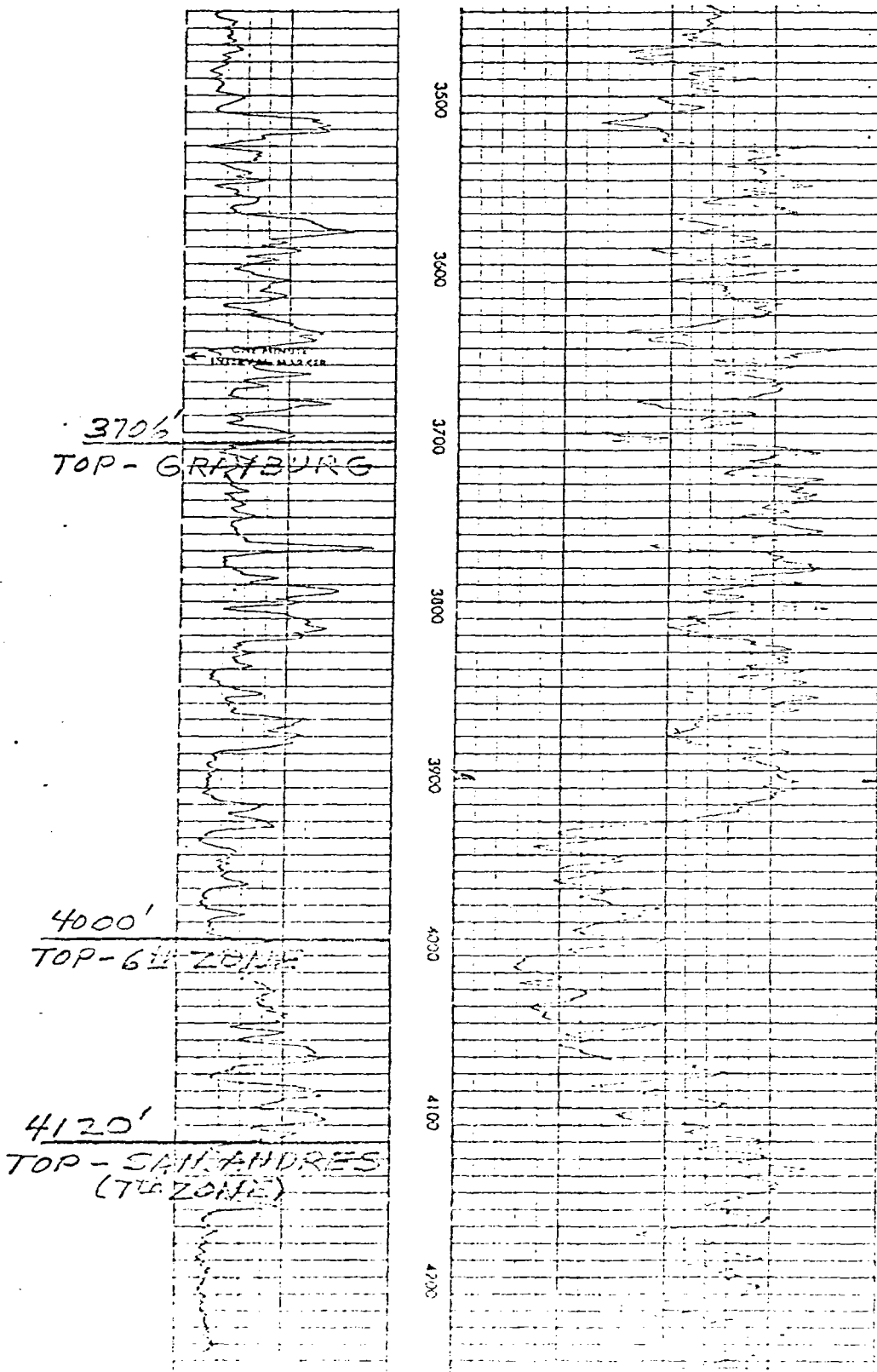
Log Measured from 0' Above Perm Datum

Drilling Measured from

Date	10-28-72
Run No.	0000
Tracing	L.P. - N.G.
Coring Driller	1912
Coring Well	1912
Bottom Logged Interval	1250
Top Logged Interval	1250
Type Fluid Hole	2-1/2"
Summary PPM Cl	
Level	2100
Max. Temp. deg. F.	
Operating 2 g time	
Recorded by	H. H. S. 1000
Witnessed by	

BORE HOLE RECORD				CALING RECORD			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	6-1/2"	3311'	1250'	7"		0	3311'

ILLEGIBLE



3905'-PROPOSED
4 1/2" OD CSG POINT

WATER INJECTION
ZONE TO BE OPEN
HOLE 3905'-4120'

OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE June 5, 1975

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

Gentlemen:

I have examined the application dated _____
for the Continental Oil Co. MCA Unit #226-D 34-17-32
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.W.R.

Yours very truly,

John W. Runyan