



L. P. Thompson  
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Hobbs Division

Western Hemisphere Petroleum Division  
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April 18, 1973

New Mexico Oil Conservation Commission - 3 ✓  
P. O. Box 2088  
Santa Fe, New Mexico 87501

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

Gentlemen:

Proposed Expansion of MCA Unit Waterflood - MCA Unit Well No. 331

Continental Oil Company wishes to expand the MCA Unit Waterflood in the Maljamar (Grayburg-San Andres) Pool by adding as an injection well MCA Unit Well No. 331. The well is located 660' FNL, 460' FWL of Section 20, Township 17 South, Range 32 East. Formerly designated Mitchell A No. 1 in the Maljamar-Paddock Pool, the well has been plugged back and perforated 3642-3706' and equipped for injection into the 6th Zone of the San Andres formation.

Well No. 331 is a twin well to Well No. 22 which is located 200' east. Well No. 22 has been injecting into the open hole 3559-4080'. Tracer surveys indicate that the water entry in Well No. 22 is into the 9th Massive, primarily. The survey indicates that the 6th Zone has not been receiving water and the well is not mechanically equipped so as to remedy this situation. It was elected, therefore, to complete Well No. 331 for injection into the 6th Zone.

The attached log shows the interval into which water will be injected in Well No. 331. The attached diagramatic sketch shows the manner in which the well is equipped for injection. The annular space above the packer between tubing and casing has been filled with treated water and equipped at the surface so that water entry into the space will be readily detectible. The attached plat shows the location of the two wells described above and the surrounding area. Please note that Continental Oil Company is the operator of the offset properties.

It is respectfully requested that administrative authority be given, under the provisions of Order No. R-2403A, to expand the MCA Waterflood project in the Maljamar Pool by the addition of Well No. 331 as an

NMOCC

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injection well in the 6th Zone. It is further respectfully requested that this authority be granted immediately inasmuch as there are no offset operators other than Continental Oil Company.

Yours very truly,

A handwritten signature in cursive script, appearing to read "J. D. Thompson".

rw  
Enc

Copies + enc:

New Mexico Oil Conservation Commission

P. O. Box 1980

Hobbs, New Mexico 88240

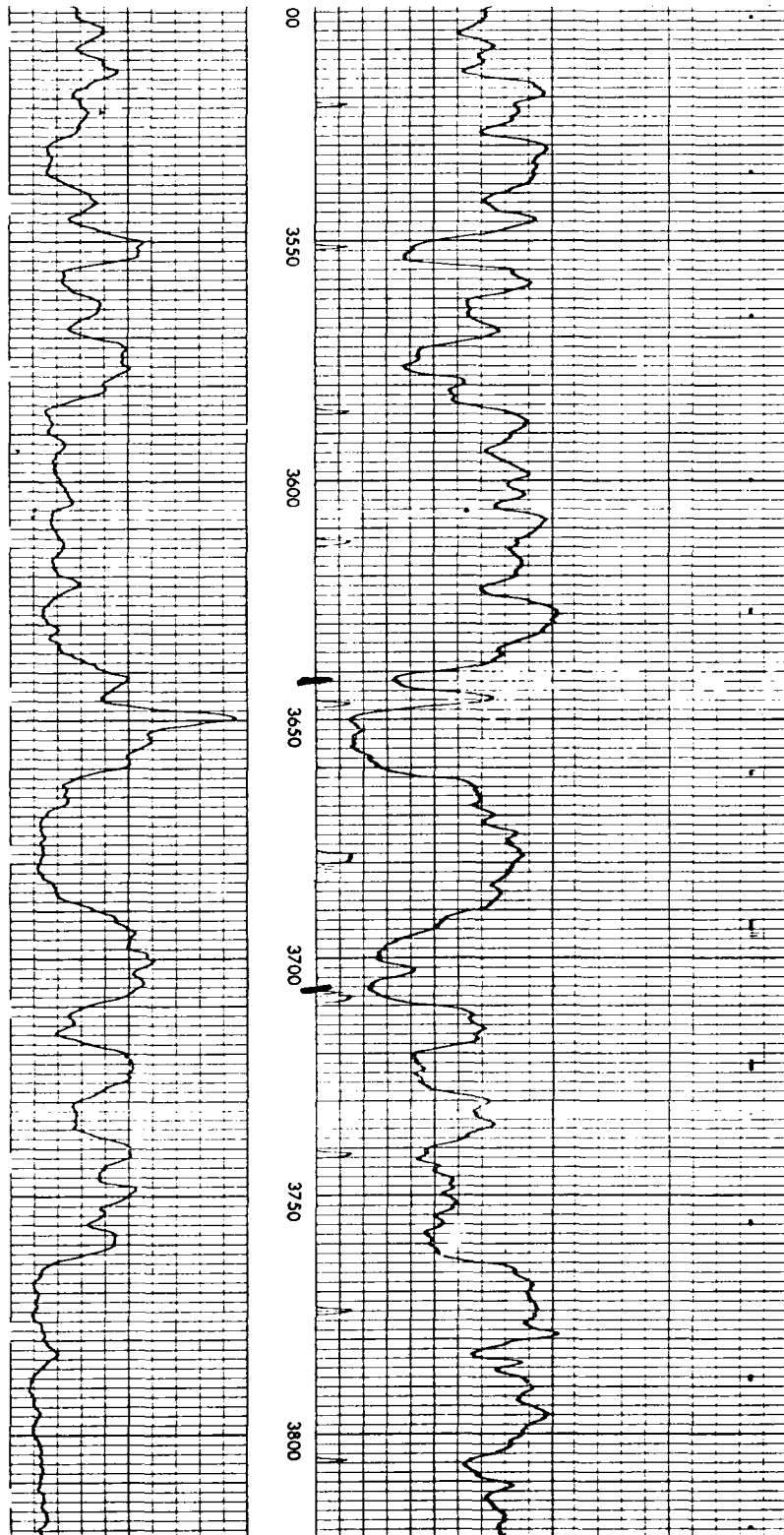
United States Geological Survey

P. O. Box 1157

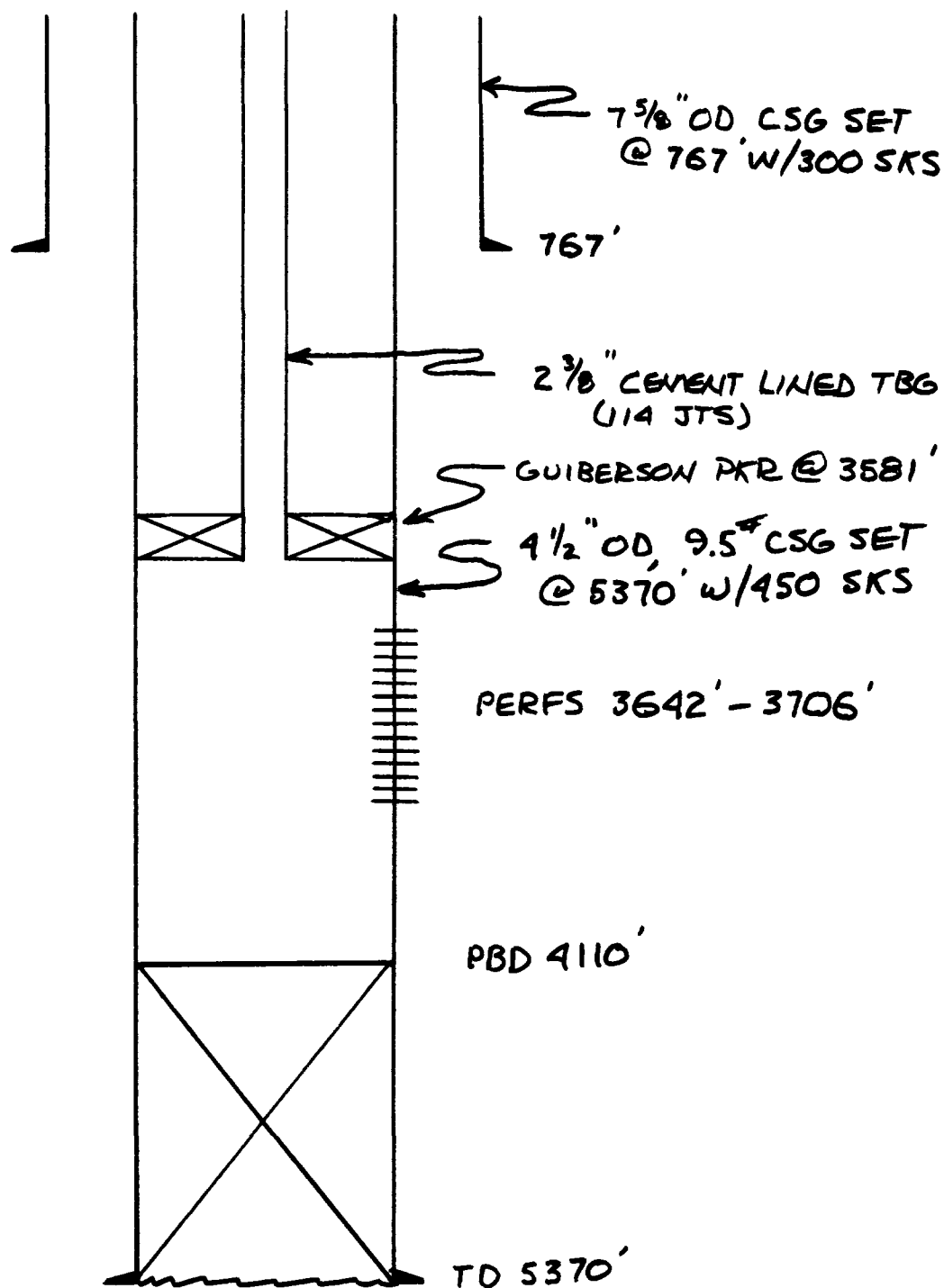
Hobbs, New Mexico 88240

RLA: GAD JWK:

# MCA UNIT WELL NO. 331



# MCA UNIT WELL NO. 331



PERF'D 3642'-3706' 12-11-72  
 TRTD PERFS W/1500 GAL 15%  
 HCL-NE ACID. FRAC'D W/25,000  
 GALS GELLED H<sub>2</sub>O AND 50,000 #  
 20-40 SAND.

