

Mobil Oil Corporation

November 30, 1973

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

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

APPLICATION FOR PERMIT TO
DRILL & USE FOR INJECTION,
NORTH VACUUM ABO UNIT,
WELL #219, NORTH VACUUM-ABO
POOL, LEA COUNTY, NEW MEXICO

Gentlemen:

Under the provisions of Order No. R-4430, Mobil Oil Corporation respectfully requests approval to:

1. Drill North Vacuum Abo Unit Well #219 at an unorthodox location.
2. Use this well as an injection well to inject gas and/or water into the Abo formation.

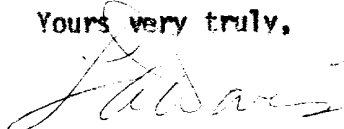
Well #219 will be located 660' from the outer boundary of the North Vacuum Abo Unit in Unit N, 1030 ft from the south line and 1973.3 ft from the west line of Sec. 13, T-17-S, R-34-E, Lea County, New Mexico. This well is being drilled to replace Well #120. Well #120 is presently dually completed in the Abo and Upper Penn formations. Order No. 4430 authorized the use of this well for injection purposes; however, it has been decided to abandon the Abo in this well and dually complete it in the Upper and Middle Penn Pools.

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

1. Map of the North Vacuum Abo Unit showing the location of the subject well and surrounding wells producing from the Abo formation.
2. A diagrammatic wellbore sketch.

By copy of this letter and attachments Texaco, Inc. P. O. Box 3109, Midland, TX, the only offset operator to this well, is being advised of this application and requested to waive objection to its approval.

Yours very truly,



L. A. Davis
Area Operations Engineer

ADBond/cs
Attachments

cc: District 1 - Attached
Texaco, Inc. "
State Land Office "

THIS COPY FOR

The reaction is exothermic, releasing energy. The energy released is the difference between the binding energy of the products and the binding energy of the reactants.

The binding energy of H^+ is 0 eV. The binding energy of H^- is 13.6 eV. The binding energy of H_2 is 4.48 eV. The energy released is 13.6 eV - 4.48 eV = 9.12 eV.

The reaction is exothermic, releasing energy. The energy released is the difference between the binding energy of the products and the binding energy of the reactants. The binding energy of H^+ is 0 eV. The binding energy of H^- is 13.6 eV. The binding energy of H_2 is 4.48 eV. The energy released is 13.6 eV - 4.48 eV = 9.12 eV.

The reaction is exothermic, releasing energy. The energy released is the difference between the binding energy of the products and the binding energy of the reactants. The binding energy of H^+ is 0 eV. The binding energy of H^- is 13.6 eV. The binding energy of H_2 is 4.48 eV. The energy released is 13.6 eV - 4.48 eV = 9.12 eV.

The reaction is exothermic, releasing energy. The energy released is the difference between the binding energy of the products and the binding energy of the reactants. The binding energy of H^+ is 0 eV. The binding energy of H^- is 13.6 eV. The binding energy of H_2 is 4.48 eV. The energy released is 13.6 eV - 4.48 eV = 9.12 eV.

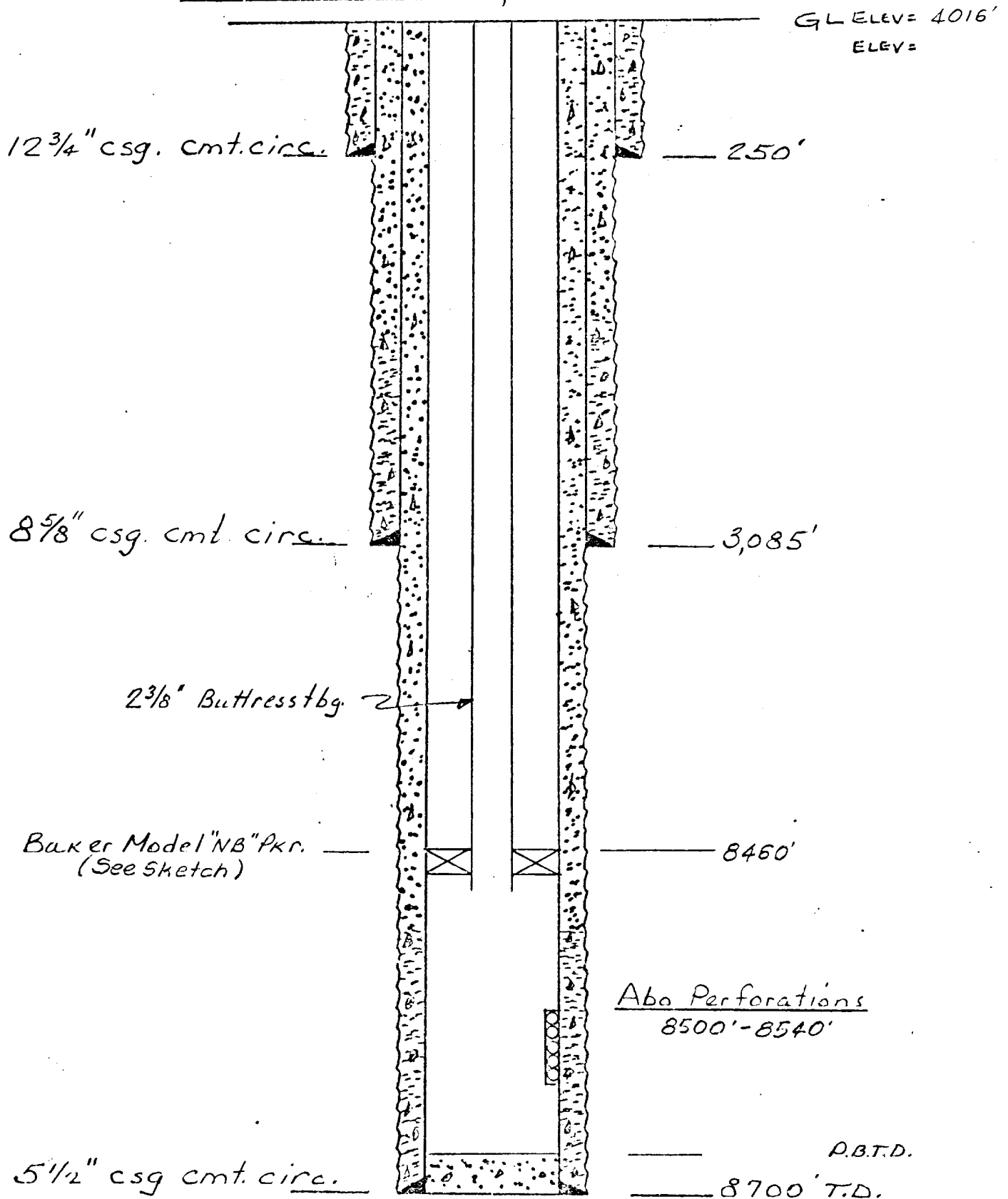
The reaction is exothermic, releasing energy. The energy released is the difference between the binding energy of the products and the binding energy of the reactants.

The reaction is exothermic, releasing energy. The energy released is the difference between the binding energy of the products and the binding energy of the reactants. The binding energy of H^+ is 0 eV. The binding energy of H^- is 13.6 eV. The binding energy of H_2 is 4.48 eV. The energy released is 13.6 eV - 4.48 eV = 9.12 eV.

The reaction is exothermic, releasing energy. The energy released is the difference between the binding energy of the products and the binding energy of the reactants.

The reaction is exothermic, releasing energy. The energy released is the difference between the binding energy of the products and the binding energy of the reactants. The binding energy of H^+ is 0 eV. The binding energy of H^- is 13.6 eV. The binding energy of H_2 is 4.48 eV. The energy released is 13.6 eV - 4.48 eV = 9.12 eV.

DIAGRAMMATIC WELL SKETCH
NORTH VACUUM ABO UNIT INJECTION WELL No. 219
NORTH VACUUM (ABO) POOL
LEA COUNTY, NEW MEXICO



PACKER HOOK-UP FOR
NORTH VACUUM ABO UNIT
INJECTION WELL NO. 219
 NORTH VACUUM-ABO POOL
 LEA COUNTY, NEW MEXICO

