

Oil Conservation Commission

321 Carper Building

Artesia, New Mexico

May 28, 1956

Mr. A. L. Porter, Jr.,
Acting Secretary-Director
Oil Conservation Commission
Santa Fe, New Mexico

Re: Hudson & Laughlin, No. 1,
Kissinger, 330' FWL & 2310'
FWL of Sec. 10-183-26E,
Eddy County, New Mexico

Dear Mr. Porter:

This letter is in reply to your telephone call and also the letter you received from the State Engineer's office in Santa Fe with reference to the above captioned well. I will bring you up to date as to the drilling and present status of the well.

This well was spudded May 11, 1956, with a rotary rig by the Waters Drilling Company, Inc., and drilled to a depth of 300' with 13 3/8" casing set in heavy rotary mud (approximately 16# per gallon) at this depth. Then drilled 11" hole to 976' in lime and a string of new 2 1/4" per foot 8 5/8" seamless casing was landed and cemented with the following mixture: 125 sacks alamo cement, 125 cubic feet Strata-Crete plus 15 sacks Aquagel (7.7%) plus 2% calcium chloride. Plug was pumped down @ 7:00 P.M., May 15, 1956, with approximately 40 sacks of cement circulated to the pits. Then the drilling contractor attempted to pull the 13 3/8" casing with my permission and after pulling a strain of 190,000 pounds without moving the 13 3/8" casing it was decided that this string of pipe would be left in the hole and in my opinion the 13 3/8" casing has the shallow water zones separated from the deep water zone. The 8 5/8" casing was allowed to set 70 hours, then the plug was drilled and pump pressure test made for shut off. The casing was pressured up to 600 pounds and would gradually drop back to 100 pounds and stand at this point without an increase of fluid in the cellar on the outside of the casing or any movement of the fluid which indicated to me that the formation below the casing shoe was absorbing the higher rate of pressure, and due to the fact that the lower portion of the 8 5/8" slipped down the hole 56 feet after it parted as indicated on the electric log further confirms my opinion.

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I think the farmers and land owners should be concerned about the quality of the methods and material used in the drilling of wells in this area. I think they should be informed by some means from the regulatory state offices and I further believe that in order for everyone concerned in this matter to be informed, the State Engineer or the Oil Conservation Commission should call a joint meeting of the (3) regulatory bodies, the oil operators, the drilling contractors, the land owners, the U. S. Geological Survey, and work out a satisfactory program for this area if the one we are using is not adequate and then everyone would know where they stand.

I trust this information will fulfill your request at this time and if any other questions arise in regard to operations in this area I will be very glad to furnish you or Mr. Irby with any information or answer any questions you may have. In closing, I wish to state that the operators of the Kissinger #1 well will no doubt realize that it is better to do the job in compliance with our rules and regulations than to back up and make the necessary repairs later as this operation is more expensive than had it been done right on the way down.

Very truly yours,

OIL CONSERVATION COMMISSION

L. A. HANSON
Supervisor, District No. 2

cc: Mr. Frank E. Irby
State Engineer's Office
State Capitol
Santa Fe, New Mexico

Mr. E. G. Minton, Jr.
State Engineer Office
Box 810
Roswell, New Mexico

Mr. John A. Frost
District Engineer
U. S. G. S.
Artesia, New Mexico