

Case 564

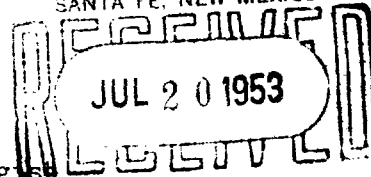
LOS NIETOS COMPANY

200 E

200 Wilkinson-Foster Building
Midland, Texas
July 17, 1953

Oil CONSERVATION COMMISSION
SANTA FE, NEW MEXICO.

New Mexico Oil Conservation Commission
Box 871
Santa Fe, New Mexico



Attention of Mr. R. R. Spurrier, State Geologist

Gentlemen:

This letter is to submit our formal application to drill directionally Los Nietos Company's State Gross No. 2 well in East Caprock Field, Lea County, New Mexico.

The well has a surface location of 1980 feet from the north and east lines of Section 2, T-12-S, R-32-E, Lea County, New Mexico. The well was spudded at 9:00 a.m., January 7, 1953, and was drilled to 11,260 feet without reaching the Devonian pay section. A directional survey was run to 11,248 feet; and the hole was found to be off 99.55' N 70° 44' E at a true vertical depth of 11,245.35 feet. This would make the sub-surface location. 1943.18 feet from the north line and 1883.71' from the east line of Section 2.

It was decided at this point to plug back and directionally drill part of the hole. Mr. R. W. Yarbrough, our district engineer in Hobbs, received verbal approval from Mr. Spurrier to do this work with this formal application to follow.

On April 19, 1953, the first whipstock was set at 9679 feet with the whipstock face oriented to S 1° E. The directional hole was finished July 2, 1953, with 19 1/4° S 35° E at 11,290 feet. The true vertical depth was 11,259.06 feet. The final sub-surface location is 2208.11 feet from the north line and 1811.54 feet from the east line of Section 2, T-12-S, R-32-E, Lea County, New Mexico.

The well was potentialled July 9, 1953, for 334.34 bbl./day after acidizing casing perforations with 500 gallons mud acid.

Submitted with this application are the sub-surface surveys and a plat for a relationship of surface and sub-surface locations.

Your kind and prompt consideration of this matter will be greatly appreciated.

Very truly yours

Bryan L. Denson
Bryan L. Denson
Division Engineer

BLD:HN
Enclosures