

New Mexico Oil and Conservation Commission Hobbs New Mexico

> RE: W. E. Harper #1 Las Cruces #069469-A

Gentlemen:

We are enclosing two (2) certified copies of the Directional Drilling Record on our W. E. Harper #1 which work was performed by the Livingston-Shrader Company, Liberty, Texas.

This well was drilled to a total depth of 14,993' and later was plugged back to a depth of 10,575' by using a Baker Model "K" cast iron retainer. The first attempt at deviating this hole was made at 10,530', but this operation was not successful in that we backed off a 4' nipple at 10,526'. It was necessary to set a permanent Kinzbach whipstock at 10,465' at which point we were successful in milling out window in 7" casing. Formation was drilled to 10,576' where we set our second whipstock. From this depth until Livingston-Shrader was released at the vertical depth of 11,630' you will be able to follow the enclosed record, however, the well was drilled to 11,848' where it was abandoned.

Yours very truly,

SUN OIL COMPANY

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0. D. Albright

Enclosure JM:bw