

New Mexico Oil Conservation Division
August 16, 1985
Page 2

increased a step rates test was run on the well in April, 1985. A copy of this test is attached. You will note that the bottom hole pressure only increased from 2580 lbs to 2700 lbs., while the injection rate increased from 1 bbl/min to 17 bbl/min and the surface pressure increased from 600 lbs to 1740 lbs. B & D Well Testers who did the work concluded that the well was probably already fractured when they started the test. Upon investigating the history of the well it was found that in the process of the original drilling of the well 13 3/8" casing was set at 3290, which is the top of the Delaware Lime, then the hole was drilled to 3580 feet, which is just above the Wolfcamp, where 9 5/8" casing was set. During the drilling of the Bone Springs the well started kicking, the mud weight was increased and severe lost circulation was experienced in the Delaware. It is felt that this is when the Delaware got fractured, if indeed it is fractured.

In order to handle the produced water during the time required to get 4400 feet of steel pipeline plastic coated, 3300 feet of 4 1/2" tubing plastic coated, find a 9 5/8" to 4 1/2" nickel plated packer, replug two wells and get the No. 1 "AZ" converted to an injection well, State Line, Ltd. respectfully requests a temporary allowable injection pressure of 800 lbs on the No. 1 Ross Draw well for 30 days.

Yours very truly,

STATE LINE, LTD,

BY BBC, Its General Partner

By: Robert E. Boling
Robert E. Boling, Vice President

REB:scp

ccw/attachments:

NMOCD
P. O. Drawer DD
Artesia, New Mexico 88210
Attention: Mr. L. A. Clements