

USA MARK WHELAN NO. 1
SE/4 NW/4 SEC 3. T-19-S, R-33-E
LEA COUNTY, NEW MEXICO

In accordance with Form 9-331a dated July 5, 1963, the following recompletion attempt was made in the Pennsylvanian. Set cement retainer at 10,560' and squeezed Wolfcamp perforations 10,597-10,600' with 265 sx cement. Drilled out and tested squeezed with 1000' mud. Texted OK. Drilled out to a depth 13,250'. Set Baker Model "B" Packer at 13,088' and acidized old perforations 13,200-44' with 1000 gallons mud acid. Fraced W/10,000 acid and 6,000# sand and glass beads. Tested from 7/20/63 to 8/6/63. Swab recovered 100 and 101 barrels of new water. No oil or gas. SI on 8/14/63 for further evaluation.

It is now proposed to plug back and attempt a Bone Springs completion. The following work is proposed:

Squeeze Morrow (Penn) perforations 13,200-44' with 1000' cement. Set CI bridge plug at approx. 10,500'. Perform test and squeeze behind oil string casing to insure cement to be above 10,000'. Perforate Bone Springs at 10,314-10,317' with 2 SPF and acidize with 3000 gallons. Swab in and evaluate.