

Supplement to New Mexico Oil Conservation Commission Form C-105, Well Record,  
covering Lea #1, Section 30, Twp 17-S, R 34-E, Lea County, N.M.

RECEIVED  
OCT 7 1937

- Aug. 9, 1937. Cored 4390-4400. 9' recovery. Lime w/some anhydrite. No shows.
- Aug. 12, 1937. Cored 4555-4575. 100% recovery. Hard lime. From 4555-59 no shows. From 4559-60 slight trace of oil, no gas, no porosity. 4560-73 no shows. 4573-75 slight show oil, little gas, slightly porous.
- Aug. 13, 1937. Cored 4575-95. 100% recovery. Last 1' sandy shale. Remainder hard lime. No shows. Cored 4595-4615. 17' recovery. From 4595-96 sandy shale with show dead oil. From 4596-4615 shale, lime & sand. No saturation. Tight porosity.
- Aug. 15, 1937. Cored 4615-35. 100% recovery. Sandy lime & shale. No shows. Cored 4635-43. 100% recovery. Hard lime & shale. No shows.
- Aug. 16, 1937. Cored 4643-55. 100% recovery. Hard lime. No shows. Cored 4655-4676. 17' recovery. Lime. Last 3' softened & showed some saturation. Good porosity. Cored 4676-86. 100% recovery. Soft lime with good porosity & some saturation. Reamed hole to 4650 & set 7" casing.
- Aug. 27, 1937. Drilled cement to bottom & tested water shut-off, which was found satisfactory.
- Aug. 28, 1937. Drilled to 4719 hard white lime. From 4704 to 4711 picked up 1/3 bailer oil hourly in slightly porous lime.
- Sept. 5, 1937. No change to 4908 lime. 500' sulphur water at 4908-12.
- Sept. 8, 1937. T.D. 4912. Ran swab three times in four hour to bottom. Swabbed dry. Recovered 18 barrels of sulphur water with a trace of oil. B
- Sept. 9, 1937. T.D. 4912. Bailed 24 hrs on bottom. Recovering 1 1/2 bailers sulphur water with trace of oil hourly.
- Sept. 12, 1937. Having drilled to 4942. Increase sulphur water 4942 white lime. Fluid rose 1900' off bottom. Trace of oil & gas.
- Sept. 13, 1937. Drilled to 4952 lime. No change.
- Sept. 14, 1937. T.D. 4952. Water rose to 3200' off bottom while preparing to plug back. Drumped 42 1/2 sacks Starcor cement on bottom with Baker bailer.
- Sept. 18, 1937. Top cement 4846 steel line measurement. Bailed 3 gallons sulphur water hourly for 12 hrs. Bailed dry. Loaded hole with 3000' water & dumped 21 sacks Incor cement to bottom.
- Sept. 23, 1937. Top cement 4762 steel line measurement. Bailed dry. Shut off O.K.
- Addized on Sept. 25th and 26th with 2000 and 6000 gallons, respectively. Swabbed dry. Let set 12 hrs night of Oct. 4th & 5th. No fluid came in. Shut down awaiting plugging authority.

