

**RALPH LOWE
INDIAN HILLS NO. 1**

**RECEIVED
JUN 21 1963
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO**

March 1, 1963 Set 304' 13-3/8" casing. Cemented with 900cu.

March 15, 1963 Set 3000' 9-5/8" casing. Cemented with 700 cu 42 gal.
1/4 lb. Flo-Seal, 400 cu 51 and 100 cu regular.

May 27, 1963 Run 250 joints 7" casing.
1167' - 60 jcs. 250 H-20
1901' - 97 jcs. 250 H-20
2027' - 123 jcs. 250 H-20
1156' - 27 jcs. 250 Sutures
Pipe in wall 10,141'. Ret. Run. 10,100'.
B-V Facker Collar at 9,100'.
First stage cemented with 100 cu regular sand.
Second stage cemented with 600 cu 30/20 Fecum, 42 Gal.
1/4 lb. Flo-Seal.

May 28, 1963 Run temperature survey. T/Cement 6,400°.

May 29-31, 1963 Drilled out cement.
Drilled to 10,212'. (Total depth of well.)

June 1, 1963 Set Baker Model K Cast Iron Cement Retainer at 10,140'.
Squeezed with 30 cu. Pressured to 10000. Held good and
did not leak off. 35 S.G.S. in formation. 4 cu top of well.
Reversed out 11 cu.
Layed down 2-7/8" drill pipe.
Picked up 2-3/8" tubing.

June 2, 1963 Perforated 7600' - 7740' with 4 shots per spot (200 holes)
Went in with tubing and T.I.W. Facker.
Treated with 1000 gals. 15% mud acid.
Treating Pressure 13000 - 12000, 4 bbls. phenylamine.
Subd back load of 24 bbls. acid and 26 bbls. flush water.
Subd at rate of 45 bbls. sulphur water.

June 3, 1963 Came out of hole with tubing.
Set Baker Model K-2H Cement Retainer with Western Company at
7665' to squeeze off perforations at 7740' - 7600'.
Started to squeeze with 130 cu cement. Got 90 cu in formation and
reversed out 60 cu.
Came out of hole with tubing.
Perforated 7200' - 7610' with 80 shots.
Went in hole with T.I.W. Facker to treat with 1000 gals. 15% mud
acid. Treating Pressure, Max. 13000, Min. 10000. Shut down.
Went on vacuum.
Subd well to get load. Pulled out 8 times. Well kicked off and
find 65 bbls. water per hour and 2,000,000 MCF gas per day.

