

CAPROCK QUEEN UNIT #1 Well No. 31-8- Detailed account of work Done.

11-25-60 Pulled 2" EUE 10 Thd tubing. Put on 3-7/8" rod bit and one jet sub. Ran tubing in hole. Rigging up reverse unit.

11-26-60 Started drilling at 3022'. Found bridge at 3022, bottom of bridge at 3025' (3' bridge). Cleaned out from 3022 to 3030', lost circulation and regained same.

11-27-60 Hole filled back up from 3030 to 3022'. Took 1100# weight to drill. Cleaned out red bed and sand to 3038'.

11-28-60 Cleaned out from 3038 to 3046'. Hole filled up 4' with cavings while circulating and jetting. Cleaned out to bottom with reverse circulator.

11-29-60 Set up hot oil unit and circulated hot water. Hole caving. Circulated out red bed to TD of 3046' w/hole caving.

11-30-60 Circulated out red bed. Hole cleaned up. Pulled 2" tubing.

12-1-60 Ran tubing with retrievable packer. Set packer at 2788.09. Cemented with 300 sacks 50-50 pozmix, 2% Gel, 2% Calcium Chloride. Squeezed bottom 4 1/2" liner.

12-2-60 Pulled tubing and pumped plug down to 1650'. Cemented with 100 sacks 50-50 pozmix and 2% Gel & 2% Calcium Chloride. Pressure up to 1900.

12-4-60 Drilled rubber plug and cement to 1645'. Went out of pipe at 1623'. Pulled 6-1/8" bit, went back with 5-3/4" bit.

12-5-60 Running on pipe and cement and red bed at 1651.17'. Circulated red bed. Ran tubing to 2210.34. Pulled tubing.

12-16-60 Ran 2174.30' of 4 1/2" 9.5# casing and cemented with 300 sacks 50-50 pozmix, 2% Gel. Did not circulate.

12-17-60 Ran 2" EUE 10 Thd. tubing with 3-7/8" bit. Top of cement at 2154.14'. Top of rubber plug at 2165'. Drilled plug and cement.

12-18-60 Drilled cement and shoe and cleaned up hole to 2178'. Pressured to 800# Held O.K. Drilled cement and junk in 7" with 3-7/8" bit.

12-19-60 Drilled to 2212.50'. Tripped tubing. Ran 3-1/8" 4-cone bit. Made 13". Pulled tubing.

12-20-60 Ran tubing and packer. Milling. Pulled tubing and tool. Picked up rubber and plastic at 2212.96.

12-21-60 Ran 2" tubing and 3-7/8" flat bottom mill. Milling at 2212.96'. Milled on rubber and junk to 2219.52' and made connection. Stopped at 2210.50' Worked mill. Pulled tubing and mill.

12-22-60 Went in hole with 2" tubing and 3-7/8" tapered mill. Stopped at 2210.50' Drilled and milled on rubber, cement and junk to 2962'. Milled on top of liner at 2210.50'. Opened up liner with mill. *No more work on this hole.*

12-23-60 Milling on junk cement. Cleaned out from 2962 to 2995.39'. Pulled tubing and mill. Ran tubing and Baker tool. Picked up plug. Pulled tubing and plug. Started back in hole with tubing and 3-7/8" bit. *Jan 20 '61*

12-24-60 Went in hole to 2995'. Cleaned out to 3046, TD. Cleaned out cement and gravel. Lost circulation from 2995 to 3015'. Hole cleaned up good. Started out of hole with tubing and bit.

12-26-60 Pulled tubing and bit. Ran tubing to 3046' Set tubing 2' off bottom. Rigged down and moved pulling unit. Connected up water line and put well back on injection.

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