

STERLING DRILLING CO.

BOX 129

STERLING, KANSAS 67579

January 9, 1982

Cudney "B" 10-4

Location: 990' FSL, 990' FEL, NE/4, Sec. 4-26-16

Edwards County, Kansas.

Elevation 2095' KB. 2086' GL.

Surface casing: 8 5/8" set at 441'. Cemented with 375 sacks

Long String: 4 1/2", 10.5#, 8rd set at 4548'. Cemented with 175 sacks cement.

RTD 4550'

PBD 4526'

Bond Log: Gamma Ray & Neutron Log ran 12-28-81

Top cement bond 3720'.

- 12-30-81 Moved in Basye Well Service & rigged up. Swabbed well down 4000'. Rigged up Dresser Atlas and perf. 4 holes per foot 4440' - 44' @ 1:30 PM. Finished swabbing hole down slight show oil on last pull off bottom. Rigged up Halliburton and fractured well with 250 gallons MCA and 750 gallons NE, 15% acid. 584 bbls gelled salt water. 10,000# 20-40 & 10,000# 10-20 sand. Maximum pressure 1200#. Average treating pressure 1100#, at 25 BPM. Instant shut down 300# down to 120# in 5 minutes. On vac in 9 1/2 minutes. Job complete at 4:00 PM
- 12-31-81 No gas on well. Ran tools without swab to check for sand. No sand. Fluid down 2900' from surface. 1st hour swabbing from 3400'. 35.50 bbls fluid slight shoe oil and gas; 2nd hr. swabbing from 3600' 28.43 bbls fluid slight show oil & gas.; 3rd hr swabbing 3800', 48.28 bbls fluid. Good flow gas following swab out.; 50 minutes swabbing from 3800' 26.99 bbls fluid, oil increasing, good flow gas following swab out.; 5th hour swabbing from 4000', wll 8', 8" TF 1/2" oil. good flow gas following swab out.; 6th hour swabbing from 3900', 39.05', 8" TF 1" oil good flow gas following swab out. 30 minutes swabbing from 3900'. 19.88' fluid real gassy. Took off swab and ran tools to check for sand about 6' sand on bottom. Total load recovered today 239.31 bbls. Lack 269 bbls. Left orbit cracked to tank at 4:00 PM.
- 1-4-82 Worked on truck until 10:15 AM. Well gassing good at 8:00 AM. Ran tools to check for sand. 2800' down to fluid. 10' sand in rat hole. Rigged up and ran 1' 2 3/8" EVE 8rd seating nipple. 79 joints plain 2 3/8" EVE 8rd tubing 2503.35. 61 joints plastic lined 2 3/8" EVE 8rd tubing. 1922.60' for a total of 4425.95' threads off set at 4432' KB. 140 joints total. Ran 2x1 1/2x12' top hold down double valved pump. 176 3/4" WCN #78 rods 1-8' pony rod. 1 1/4"x16' polish rod. Complete @ 6:00 PM