

# STERLING DRILLING CO.

BOX 129

STERLING, KANSAS 67579

January 9, 1982

Mayhew "A" 8-4

Location: 1667' FSL, 990' FWL of NW/4, Sec. 4-26-16 Edwards  
County, Kansas.

Elevation 2085' KB. 2076' GL. Surface casing

Surface casing: 8 5/8", 23# set at 452'. Cemented with 375 sks  
Long String: 4 1/2", 10.5#, 8rd casing. 114 joints set at 4556' KB.  
Cemented with 175 sacks. 75 sks Howco lite & 100  
sacks Holls mix. Plug down at 6:15 AM 12-30-81  
Shoe joint 11.69'.

R.T.D. 4560'

PBD 4517'

Ran Gamma Ray, Neutron & Bond Log 1-4-82. Top cement 3400'

1-5-82

Moved in Basye Well Service and rigged up. Swabbed hole down 2100'. Rigged up Dresser Atlas and perf. 4 holes per foot 4436' - 40' at 10:00 AM. Finished swabbing hole down. Swabbed down at 11:40 AM. Slight show oil on last pull., Ran swab again in 30 minutes. Recovered 300' gas and 5 gallons fluid slight scum oil. Let set 1 hour. Recovered 200' gas and about 5 gallons fluid scum oil. Rigged up Halliburton & fractured well with 250 gallson MCA & 750 gallons NE, 15% acid. 583 gelled salt water. 10,000# 20-40 sand. 10,000# 10-20 sand. Break down on acid. 850# to 300#. Maximum pressure 1400# at 27 BPM. Instant shut down 810# in 5 minutes 580# in 15 minutes 390#. Closed well in. Complete at 4:30 PM. Total load 583 bbls gelled salt water + 24 bbls acid.

1-6-82

Well on Vac. at 8:00 AM. Ran tools without swab to check for sand. 1900' down to fluid. 3' sand on bottom. 1st hour 35.50 bbls fluid. Swabbing from 2600'.; 2nd hr. 36.90 bbls fluid, show oil & well gassing & kicking back 100' from 2600'; 3rd hr. 45.44 bbls fluid, 9 1/2" TF 2 1/2" oil, swabbing back from 2600'; 30 minutes 14.20 bbls fluid, 7" TF 2 1/2" oil swabbing from 2600'; 4th hr. 34.08 bbls fluid, 9" TF 3 3/4" oil swabbing from 2800'. Swabbed out total of 166.12 bbls fluid. Well gassing real good. Put 34 bbls water back in hole and got ready to run tubing. Hooked casing back up to swab tank. Left orbit cracked open a little.

1-7-82

Well gassing a little thru casing at 8:00 AM. Put 34 bbls more water down casing. Ran tubing 1'x2 3/8" EVE 8rd seating nipple. 80 joints plain 2 3/8" EVE 8rd 2492.79' threads off & 61 joints 1923.17' plastic lined 2 3/8" EVE 8rd or a total of 141 joints. 4415.96' threads off set at 4422' KB. Ran 2"x1 1/2"x 12' top hold

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Completion report

1-9-82

1-7-82

down double valved pump with 5' of 1" gas anchor  
with strainer nipple on bottom. 175 WCN 3/4"  
78# rods. 1-8', 1-6' & 2-4' pony rods. 1 1/4"x  
16' polish rod. Complete at 3:15 PM

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Olin Kelso  
Production Superintendent

OK:skp