

# STERLING DRILLING CO.

BOX 129

STERLING, KANSAS 67579

December 18, 1981

## COMPLETION REPORT

Mayhew "A" 6-4

Elevation 2080' KB, 2071' GL

Location 330' FNL, 330' FEL S/2,  
lot 2, Sec. 4-26-16, Edwards Co., Ks.

Surface casing - 8 5/8", 23# set at 432' KB W/  
375 sacks cement, 60-40 Pozmix, 2.  
2% Gel, 3% cc. Plug down @ 1:30  
AM 11-8-81

RTD 4530' KB.

Long string - 4 1/2", 10.5#, 8rd, Range 3, set at  
4526' W/ 275 sacks.


Shoe joint - 11.79'. Plug down at 3:00 PM 11-15-81

Ran 200' scratchers & 4 centralizers, 1st, 2nd, 6th & 14th jt.  
PBD

- 11-24-81 Dresser Atlas ran Gamma Ray & Neutron & Bond Log
- 12-4-81 Moved in Basye Well Service double drum. Rigged up and swabbed well down to 3900' & closed in at 4:15 PM .
- 12-7-81 Rigged up Dresser Atlas and perforated 4 holes per foot 4424' - 28' at 9:00 AM. Finished swabbing hole down. No show. Rigged up Halliburton and acidized with 250 gallons 15% MCA & 750 gallons NE 15%. Loaded hole, broke at 700#. 300# on displacing at 10 BPM. Instant vac on shut down. Fluid down 1700' in 20 minutes. Total load 95 barrels. Started swabbing back load at 11:00 AM. Swabbed to bottom at 12:30 PM. Slightly show oil and gas. Let set 30 minutes, ran swab & recovered 2 1/2" or 3.55 bbls scum oil, 1600' gas ahead fluid lack 46 bbls of load. Rigged up Halliburton and fractured well with 547 bbls gelled salt water, 10,000# 20-40 & 10,000# 10-20 sand. Treating pressure 1450# at 26 BPM. Instant shut down 450#; 5 minutes 200# on vac in 10 minutes. Completed at 2:35 PM. Will start swabbing in the morning.
- 12-8-81 Took off swab and ran tools in hole to check for sand. Fillup none. Show gas on well @ 8:00 AM. 3200' down to fluid. Started swabbing at 8:35 AM. Show of oil on 3rd pull; 1st hour recovered 25.56 bbls fluid. Good show oil. Fluid level staying around 3200' from surface. Gas to surface between pulls. 5 1/2" total fluid in 5 gallon bucket, 2" oil. 2nd hour 29.88 bbls fluid; 3rd hour 28.36 bbls fluid 8" total fluid, 2 1/2" oil; 20 minutes 12.78 bbls

- 12-8-81 down for dinner. 4th hour 35.42 bbls. Swabbing 200' off bottom. Fluid level 3600' down; 5th hour 19.84 bbls fluid 30% oil. Gas increasing. Took swab off and ran tools to bottom to check for sand. Swabbed out total of 151.74 bbls fluid. Lack 388 bbls of load. Rigged up and ran 2 3/8" x 1' seating nipple and 79 joints 2 3/8" EVE, 8rd tubing. Shut in at 6:00 PM
- 12-9-81 Finish running tubing 4424.36' set at 4430' KB. 78 joints, plain, 2 3/8" EVE, 8rd on bottom & 65 joints plastic lined on top for a total of 143 joints in well. Ran 2 x 1 1/2" x 12' top holddown double valved pump. 175 new, 3/4" WCN, #78 rods, 1-8', 1-6', 1-4' & 1-2' pony rods. 1 1/4" x 16' polish rod. To put well on pump
- 12-16-81 Started well pumping to tank battery.

Very truly yours,



Olin Kelso

Production Superintendent

OK:skp