

P 33-32N-2W

THOMAS S. SCHALK
618 FIRST WICHITA NATIONAL BANK BLDG.
WICHITA FALLS, TEXAS 76301
September 23, 1974

Lone Star Industries - Schalk 62-3

Summary of Frac Treatment - Sept. 21, 1974

1st Stage:

Perforation 5608 to 5628, 5661 to 5668, 5680 to 5689
2 holes per foot
Formation broke at 1050 psi

Treating pressure and rate

1900# 1# per gallon 64 bbl per min

2200# 1# per gallon 64 bbl per min

Dropped balls at 24000 gallons, no action. Rate
continued 64 bbl per min at 2200# with 1# per gallon.

Total sand 50,000# in 39,670 gallons

Shut in pressure 900#

15 min 700#

30 min 400#

45 min 350#

Set bridge plug at 5496

2nd Stage:

Perforations 5430 to 5456 2 holes per foot

Formation broke at 3000#

Spotted 500 gal 15% HCL

Treating pressure and rate

2700# 1# per gallon 55 bbl per min

2900# 1# per gallon 40 bbl per min

Total sand 35,000# in 40,725 gallons

Shut in pressure 1600#

15 min 1100#

Bled off pressure went in hole with tubing and bit. Found
sand above perforations. Well gasing enough to require drilling
head. Lost estimated 150 bbl fluid after washing sand down
to perforations. By Sept. 22 swabbing well from 2900' fluid
at 900 and falling.

Tmn
Thomas S. Schalk