

RECORD OF DRILL-STEM AND SPECIAL TESTS

- DST #1 - 9500' - 9553'
Open 1 hour
Weak blow for 15 min - recovered 350' mud
Initial flow pressure : 70#
Final flow pressure : 140#
30 min shut-in pressure : 215#
Initial hydrostatic pressure: 4610#
Final hydrostatic pressure : 4580#
- DST #2 - 9735' - 9830'
Packer failed
- DST #3 - Open 4 hrs 10 min.
9800' - 9875'
Initial good blow, gas in 16 min.
Good blow gas throughout test
Recovered 4140' of very heavily oil and gas cut mud
Unloaded while pulling drill pipe
Initial flow pressure : 545#
Final flow pressure : 1310#
30 min shut-in pressure : 1565#
Initial hydrastatic pressure: 4665#
Final hydrastatic pressure : 4630#
- DST #4 - 9875' - 9925'
Open 5 hrs 15 min.
Gas in 5 min - died in 2 hrs 36 min to very weak blow
Oil to surface in 3 hrs 10 min, cleaned to pits for 5 min,
then turned to tank
Flowed 11.7 bbls oil, by heads, in 1 hr 30 min., then died.
Reversed out 5.45 bbls oil - no water in tool or tank
Initial flow pressure : 250#
Final flow pressure : 645#
30 min shut-in pressure : 1565#
Initial hydrastatic pressure: 4700#
Final hydrastatic pressure : 4665#
- DST #5 - 9925' - 10,000'
Open 4 hrs 51 min
Gas to surface in 4 min
Fluid to surface in 36 min, oil in 42 min.
Cleaned to pits for 15 min
Turned to tank, flowing by heads, very gassy
1st hr flowed 22.345 bbls - pressure fluctuating from 40# - 70#
2nd hr flowed 13.89 bbls - pressure fluctuating from 10# - 60#
3rd hr flowed 13.189 bbls - pressure fluctuating from 10# - 60#
4th hr flowed 13.08 bbls - pressure slightly lower from 10# - 60#

RECORD OF MINUTE-PRESSURE AND SPECIAL TESTS

1932 - 1933 - 14 1/2

Open 1 hour
Wee. flow 1.00 gals - air 1.00 gals
Initial flow pressure 100
Final flow pressure 100
30 min shut-in pressure 100
Initial hydraulic pressure 100
Final hydraulic pressure 100

1932 - 1933 - 14 1/2

Open 1 hour

1932 - 1933 - 14 1/2

Initial flow pressure 100
Final flow pressure 100
30 min shut-in pressure 100
Initial hydraulic pressure 100
Final hydraulic pressure 100
Wee. flow 1.00 gals - air 1.00 gals
Initial flow pressure 100
Final flow pressure 100
30 min shut-in pressure 100
Initial hydraulic pressure 100
Final hydraulic pressure 100

1932 - 1933 - 14 1/2

Open 1 hour
Wee. flow 1.00 gals - air 1.00 gals
Initial flow pressure 100
Final flow pressure 100
30 min shut-in pressure 100
Initial hydraulic pressure 100
Final hydraulic pressure 100
Wee. flow 1.00 gals - air 1.00 gals
Initial flow pressure 100
Final flow pressure 100
30 min shut-in pressure 100
Initial hydraulic pressure 100
Final hydraulic pressure 100

1932 - 1933 - 14 1/2

Open 1 hour
Wee. flow 1.00 gals - air 1.00 gals
Initial flow pressure 100
Final flow pressure 100
30 min shut-in pressure 100
Initial hydraulic pressure 100
Final hydraulic pressure 100
Wee. flow 1.00 gals - air 1.00 gals
Initial flow pressure 100
Final flow pressure 100
30 min shut-in pressure 100
Initial hydraulic pressure 100
Final hydraulic pressure 100