

SINCLAIR OIL & GAS COMPANY

STATE LEA 840 - Well No. 1

Located 660' f/South & 660' f/West lines of Sec. 1-11S-34E, Lea County, New Mexico

DRILL STEM TESTS:

- 8-8-57: 9085-9136 1" top & 5/8" bottom chokes. Tool open 45 mins. Recovered 30' of Drilling Mud - No shows. IFP & FFP 90#, 30 min SIP 2180# Hydrostatic 4970#.
- 8-23-57: 9881-9931 1" top & 5/8" bottom chokes. Tool open 2 hrs. Strong blow thruout test. Recovered 210' slightly gas cut mud & 1590' of salt water. No oil. IFP 120, FFP 810, 30 min SIP 2300. Hydrostatic 5270.
- 9-18-57: 11596-11616 1" top & 5/8" bottom chokes. Tool open 90 mins. Weak blow increasing to strong in 5 mins. Gas to surface in 31 mins, Flowed gas to pit for 1 hour at rate of 345 mcf per day. Recovered 1000' water blanket, 345' slightly oil & heavily gas cut mud. IFP 530, FFP 630, 30 min SIP 3070, bottom hole temp. 209 degs. Hydrostatic in 6360.
- 10-2-57: 13135-13161 1" top & 5/8" bottom chokes. 3000' water blanket. Tool open 30 mins. Weak blow for 1 min & died. Recovered 3000' water blanket & 14' drilling mud. No show oil, gas or water. IFP 1540, FFP 1565, 30 min SIP 1875, Hydrostatic 7350#.
- 10-30-57: 13161-13206 1" top & 5/8" bottom chokes. 3000' water blanket. Tool open 1 hr & 30 mins. Fair blow increasing to good blow in 15 mins. - continuing thruout test. Recovered 1804' water blanket, 1196' oil cut water blanket, 644' of 46.5 gravity free oil, 1012' heavy oil cut drilling mud & 368' salt water. IFP 1455, FFP 2155, 30 min SIP 5265, Hydrostatic in 7265, out 7200.

DEVIATION SURVEYS:

1 @ 3200; 1/2 @ 4130; 1 @ 6100; 1/2 @ 7540; 1 @ 8515; 3 @ 9190; 4 @ 9510; 2-3/4 @ 10753  
2 @ 11490; 4 @ 12030; 3 @ 13093