

D.S.T. and GOR Data

Townsend # 1 Well

- DST # 1 - 5,667-5,828
open 1 hr, SI 15 min.
wk blow-dead in 12 min.
Rec. 420' wtr. cut drlg. fluid
FP 125#; SIP 300#; HP 2700#
- DST # 2 - 10,185-10,211
No water blanket (595' in Wolfcamp)
open 7 hrs. 5 min.
strong blow- Gas in 19 min; Spray of condensate in 30 min.
Est. 100 Mcf/D; Rec. 990'; 355' HOGCM
FP 400#; SIP 3250#; HP 5775#; 41.6°
- DST # 3 - 10,204-278
open 45 min; SI 15 min.
Rec. 120' IM- N.S.
Pressures 0#
- DST # 4 - 10,415-480
open 3 hr, 35 min; SI 30 min.
5/8" btm, 1" top ch.
Strong surging blow- gas to surf. in 5 min, mud in 40 min,
oil in 44 min. Flowed est. 30 BOPM 39.1°
Est. 1250 Mcf, Est. GOR 2000:1
Rec. 1410' free oil, IFP 1000# Max. FP (1 hr 15 min.) = 1450#
FFP 1225#, SIP 3500#, HP 5625#.
- DST # 5 - 10,480-515
Pkr. failed after 38 minutes
rec. 870' GCM, no water; no oil.
- DST # 6 - 11,381-11,432
1000' WB; 3/4" top ch, 5/8" btm.
open 4 hrs, SI 30 min.
Wk blow of air, increasing to fair blow in 20 min. and remaining so
for balance of test.
Gas to surface in 2 hr 30 min. (not enough volume to gauge)
Rec. 50' free oil, 41.2°
1000' OAGCM WB, 90' OAGCM
Salinity 1500 PPM, Drlg. mud salinity 2000 PPM
FP less than 550#; SIP 3775#, HP 5850#
- DST # 7 - 11,470-11,532
1000' WB, open 3 hrs; med strong blow air,
increasing to strong blow in 30" and remaining strong throughout test.
Gas to surf. in 42 min, 1 1/2 hr gauge 158 MCPPD
Rec. 3420' free oil and HGAOC fluid unloading in strong heads.
500' / free oil 41.4°
1820' / WB plus oil & gas
400' / free oil 44.2°
300' VHGACM
400' GCM- Mud 6000 PPM
3420'
- IFP 750#
FFP 1175#
30 min SIP 3675#
HP 6000# - NO WATER

