

P E N N Z O I L C O M P A N Y

Rock Island State No. 2
Section 3, T-17-S, R-34-E
Lea County, New Mexico

DRILLSTEM TEST RECORD

- DST #1 4676-4706; 15 min pre-flow; 1 hr I.SIP 1 hr test, no blow
2 hr F.SIP; recovered 30' drilling fluid; I.F. 16#; F.F.
45#; I.SIP 557#; F.SIP 459#
- DST #2 10,102-10,132; 10 min pre-flow; weak to strong blow, 1 hr
I.SIP - 1½ hr 2nd flow, GTS 1 hr 13 min-TSTM; 2nd S.I. 2
hrs, re-open 1 hr, flow @ 6.23 MCF, 3 hr F.SIP, recovered
190' oil + 90' HO&GCM & 30' mud; I.SIP 3695#; 2nd SIP 3605#;
F.SIP 3579#; I.F. 38#; 2nd flow 90#; F.F. 154#; Oil was 47.5
grav @ 35° F
- DST #3 10,642-10,769; 10 min pre-flow, good blow 1 hr, I.SIP - 1½
hr test - GTS 16min @ rate of 57 MCFGPD, 2 hr 2nd S.I. - 2
hr 2nd flow G.V. 37 MCFGPD decreased to 34 MCFGPD; 3 hr F.
SIP - recovered 180' oil (39.5 grav @ 60° F) + 360' VHO&GCM
and 160' GC drlg. mud; HPI & HPO 5131# - I.SIP 3630#; 2nd
SIP 3682#; F.SIP 3682#; I.F. 115#; 2nd flow 256#; F.F. 321#;
Sample chamber contained: 1.2 CFG @ 100# + 900 cc oil & 600
cc mud.
- DST #4 10,820-10,901; 15 min pre-flow, weak blow - 1½ hr I.SIP -
2 hr test, fair-good blow, 4 hr F.SIP; recovered 1260'
drilling mud; I.SIP 1757# - F.SIP 3373#; I.F. 76# - F.F. 76#