

PENNZOIL COMPANY

Rock Island "B" State Well No. 1  
Sec. 4 T-17-S R-34-E  
Lea County, New Mexico

Drillstem Test Record

- DST #1: 10690 to 10702 10 minute Pre-flow - 2 hr. I.S.I.P. - 2 hr. test G.T.S. - in 11 mins. @ 230 M.C.F. decrease to T.S.T.M. - 2 hr. 2nd S.I. - 1 hr. flow, good blow immediately T.S.T.M. throughout test. 2 hr. FSIP. Reverse out 30 bbls. oil - no water - ISIP 3600# - 2nd SIP 3510# - 2 hr. FSIP 3498# - IF 796# - FF 1178# - B.H.T. 151<sup>o</sup>F - H.I. 5014# - HO 4989#
- DST #2: 10782 to 10824 20 minute Pre-flow. Very weak to fair blow. 1 1/2 hr. ISIP - 2 hr. 2nd flow, fair blow throughout. - 2 hr. 2nd S.I. - 1 hr. 3rd flow, fair blow throughout - 3 hrs. F.S.I.P. Rec. 2900' gas in drill pipe + 60' HO & GCM Sample chamber contained 1280 CC, HO & GCM + .1 cf gas @ 0# press. - H.I. 5078# - HO 5091# - I.F. 31# - 2nd flow 31# - F.F. 44# - I.S.I.P. 1650# - 2nd S.I. 3166# - FSIP 3829# - B.H.T. 152<sup>o</sup>F
- DST #3: 10830 to 10855 10 min. Pre-flow, gas in 10 minutes @ 180 MCF - 90 mins. ISIP - 2 hr. flow test, gas immediately @ 205 MCF decreasing to T.S.T.M. @ End of test - 2 hr. 2nd SIP - Re-open tool for 90 minutes - 2nd flow, gas T.S.T.M. - 3 hr. F.S.I.P. Reverse out 34.5 B.O. No water 38.5 gravity @ 72<sup>o</sup>F - Sample chamber contained: 580 cc oil + 5.5 c.f. gas @ 700# - GOR 1500 - HI & HO 5091# - I.F. 82# - 2nd flow 566# - FF 987# - ISIP 3638# - 2nd S.I.P. 3612# - F.S.I.P. 3025# - B.H.T. 153<sup>o</sup>F.
- DST #4: 10911 to 10931 10 min. Pre-flow, strong blow, G.T.S. 7 minutes @ 475 M.C.F. - 90 mins. ISIP - 2nd hr. 2nd flow, gas volume 175 MCF, increase to 430 MCF & dec. to 275 MCF - 150 minutes 2nd S.I. 120 minutes Final flow, gas volume 125 M.C.F. increase to 330 MCF & decrease to 225 MCF - 90 min. ISIP 4122# - 150 min. 2nd S.I.P. 3587# & still building - 3 hr. F.S.I.P. 3357# and building - B.H.T. 156<sup>o</sup>F.

MEMORANDUM

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Subject

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