

DST #1 - 7-14-57

Johnston tester (San And.) 4828 - 4910. 7 $\frac{1}{4}$ " pkr set @4828. 5/8" BC, 1" TC, no WC. Opened tool @10:15 A.M. w/very weak blow of air & died, in 5 min. By-passed tool in 30 min. No air blow. No gas to surf. Tool open 1 hr. Closed tool @11:15 A.M. 30 min. SIP. Pulled pkr loose & pulled out of hole. Rec. 30' drlg mud. Hydros in 2450. Hydros out 247. BHPF COH temp - 117.

DST #2 - 7-15-57

Johnston tester (San And.) 4916 - 5010. Ran 3 - 7 $\frac{1}{4}$ " pkrs. Btm. pkr @4916, no WC, $\frac{1}{2}$ " TC, 5/8" BC. Tool open 1:25 P.M. 7-15 w/weak blow of air incr. to good blow throughout 1 hr test. Closed tool @2:25 P.M. for 30 min. Rec. 2877' gas, 50' heavily oil-cut mud, 120' black oil, slightly mud cut. Unloaded 665' heavy oil-cut sulfur wr, 400' sulfur & salt wr. Hydros in 2550. Hydros out 2545. BHPF - 125. BHPG - 1650.

DST #3 - 7-17-57

Testing San And. 5179 - 5279. Ran 2 - 7 $\frac{1}{4}$ " Johnston pkrs. Btm pkr @5179. No WC, 1" TC, 5/8" BC. Opened tool @9:25 A.M. 1 hr. Very weak blow of air. Died in 6 mins. Closed tool @10:25 A.M. for 30 min. SI @10:55 A.M. Pulled pkrs loose & pulled out of hole. Rec. 20' DI. NS III in 2645. BHPF 115. BHPB in 30 min. 400#. III cut 2645.

DST #4 - 7-20-57

2 - 7 $\frac{1}{4}$ " Johnston pkrs set @5629. Tested Paddock form 5629 - 5729. 5/8" BC, 1" TC, no WC. Tool open 3:10 A.M. 7-20 for 1 hr w/fair blow for 30 min. & died. SI 30 min. Rec. 40' DI. No show. In-flow - 110. Final flow - 110. SIP 200#. Hydros 2975#.

DST #5 - 8-23-57

Testing Abo from 8715 - 9007. Ran 2 - 7 $\frac{1}{4}$ " Johnston pkrs w/1" TC, 5/8" BC, no WC. Set pkr @8915 & opened tool @12:55 P.M. 8-23 for 1 hr. No blow @surf. Closed tool @1:55 P.M. for 30 min. Pulled out. Rec. 4' drld mud. Hydros in 4755. IF 75. FF 75 in 30 min. SIP 90. Hydros out 4740.

DST #6 - 8-24-57

Testing Abo 9006 - 9057. Ran 2 - 7 $\frac{1}{4}$ " Johnston pkrs w/5/8" BC, 1" TC, no WC. Tool open @ 9:30 P.M. 8-24 for 1 hr w/no blow. SI for 30 min. Pulled pkr loose & pulled out of hole. Rec. 5' DI, no show. Hydros in 4890. IFP 35. FF 35. SIP 15. Hydros out 4780.

DST #7 - 9-2-57

Testing Penn. from 9602 to 20. Ran 2 - 7 $\frac{1}{4}$ " Johnson pkrs w/5/8" BC, 1" TC, no WC. Tool open @7:35 P.M. 9-2-57 for 1 hr w/no blow of air throughout test. SI for 30 min., rec. 10' drlg mud. No show. Hydros in 5265. IFP 100#. FFP 100#. SIP 100#. Hydros out 5130.

DST #8 - 9-4-57

Testing Penn. from 9620 - 60. Ran 2 - 7 $\frac{1}{4}$ " pkrs w/5/8" BC, 1" TC, no WC. Tool open @6:35 A.M. 9-4-57 for 1 hr and 52 min with strong blow of air. Gas to surf in 4 min. Drlg mud in 45 min, oil to surf in 52 min. Opened well to test tank & flowed 47.4 BO & no wr; in 1 hr gas vol. estimated $\frac{1}{2}$ to 1 MCFPD. Closed @8:17 A.M. for 30 min. SIP. Pulled pkr loose @8:47 A.M. Reversed out 9620' of gas & oil cut mud & oil. Hydros in 5130. IFP 695. FFP 1300. SIP 3270. Hydros out 5140.