

Cora No. 1: 4210 - 4243 recovered 23'

Recovered 7' gray fine to medium, poorly cemented sand stone w/good stain and odor.
Recovered 9' gray & red, fine to medium, fair to poorly cemented ss w/light to good stain throughout.

Recovered 5' red & gray, tight ss w/slight to no stain.

Recovered 1' gray, friable, poorly cemented ss w/good stain

Recovered 1' gray anhydrite.

Cora No. 2: 4434 - 4484 (Penrose)

Recovered 50' total

Recovered 3' gray sn stone x odor x stain.

Recovered 12' very sandy dt. x dt. sn stone.

Recovered 9' tan dt.

Recovered 23' gray fine granular sn stone.

Recovered 2' gray fine granular sn stone bleeding oil.

Recovered 1' light brown sandy lime.

DST No. 1: Queen 4200 - 4243 Tool open 2-1/2 hrs. Fair blow air increased to good blow throughout test. Rec. 2025 SW BHFP 135-1045 1 hr. BHPSI 1597-1520.

DST No. 2: 9095 - 9162 Bone Springs. Tool open 2-1/2 hrs., weak blow air throughout test. Rec. 3600' SW slightly oil cut x 4000' SW. Initial BHFP 465 Final BHFP 3287 BHPSI 3755-3690.

DST No. 3: 9651 - 9765 Bone Springs. Mis-run. Packer Failed.

DST No. 4: 9633 - 9765 Bone Springs. Tool open 2 hrs., 37 min. Extremely weak blow diminishing to zero after 30 minutes. Rec. 20' drl. mud. Initial SI pressure 100 BHFP 65 45 min. BHPSI 65

DST No. 5: 10,699 - 10,732 Wolfcamp. Tool open 2 hrs., weak blow air 5 min. x died. Rec. 75' drl. mud. No shows. Initial BHPSI 68 BHFP 35 1/2 hour BHPSI 35

DST No. 6: 12,333 - 12,403 Packer Failed.

DST No. 7: 12,310 - 12,403 Strawn. Tool open 2 hrs., very slight blow air throughout test. Rec. 1500' WB x 80' drl. mud, no show. Initial BHPSI 290 BHFP 245-330. 30 min. BHPSI 330.

DST No. 8: 12,810 - 12,870 Packer Failed.

DST No. 9: Packer Failed.

DST No. 10: Sep pkr. x tstd. 12,896 - 12,905 Tool open 7 hrs., good blow air immediately. Gas to surface 55 min., continued throughout test which measured 6 MCF gas per day. Recovered 1500' Gas cut water blanket x 40' gas cut mud. 30 min. ISIP 5435. Final 1015 IFP 740 Final 715 Initial Hyd. pressure 6315. Final 6360 Temp 170.

DST No. 11: Packer Failed.

DST No. 12: 13,075 - 13,180 Tool open 3-3/4 hrs., strong blow air. Gas to surface 38 min. Flw 457 MCF Gas per day. Reversed gas from DP. Rec. 1500' water blanket x 30' gas cut mud. 30 ISIP 6380, FSIP 5840, IFP 825, FFP 825, Hydro. pressure 6805.

DST No. 13: Packer set at 13,255 Tool open 2 hrs., no indication of fluid entering drill pipe. Pulled pkr., rec. 1500' water blanket x 90' drl. mud. No shows oil, gas or water. 30 min. initial shut-in pressure 1035, 60 min. final shut-in pressure 870, initial flowing pressure 665. Final 700, Initial hydrastatic pressure 6660. Packers dismantled and no plugging found.

DST No. 14: 13,460 - 13,530 Tool open 2 hrs., slight blow air for 10 minutes and died. Rec. 1500' water blanket x 90' drl. mud, no show. ISIP 30 in. 565, FSIP 45 in. 735. IFP 700, FFP 700 Hyd. 6865 in and out.

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DST No. 15: 13,908 - 13,956 Tool open 6 hrs., 24 min. Good blow air to surface gas 16 min. Max. 1.29 MMCF per day diminishing 1.01 MMCF per day at end of test, no fluid to surface 5/8 BH choke, 1" surface., reversed out 22 bbls. distillate, 17 bbls. salt water, 30 min. ISIP 7670, Final 5950, 60 min IFP 1035, FFP 1300, IHP 8175. out HP 8155, FP 90.

DST No. 16: Packer Failed.

DST No. 17: Packer Failed.

DST No. 18: Set pkr 14,348 to test 14,361 to 14,391 Took 30 min. ISBHP, tool open 6 hrs., strong blow air to surface immediately diminishing after 15 min. Shows of gas to surface in 4 hrs., 5 min. Rate of 1500 GFCFD. Recovered 608' aqd. water no sho of oil. 30 min. ISIBP failed, 60 min. FSIBH 775, IFP 220, FFP 220, Hyd. 6500#.

DST No. 19: Set packer at 14,393, tool open 4 hrs., no blow air to surface, by-passed tool, still no blow to surface. 30 min. ISIBHP 85#, 30 min. FSIBHP 40#, IFP zero, FFP zero. Hydr pressure 6300#, rec. 100' drl. water.

DST No. 20: Set tool at 14,393 tested from 14,399 to 14,477, tool set, tool open 4 hrs., fair blow air to surface in 3 min., decreasing after 1-1/2 hours, exhausted in 2 hours. 53 min. 1/2 hr. ISIP 85#, 1/2 FSIP 125#, IFP 42#, FFP 42#, Hydro 6295, rec. 100' fresh water, slight gas odor at tool, no sho oil.

DST No. 21: Tstd. 14,399 to 14,711, tool open 3 hrs., 10 min., when packer failed, very weak blow air throughout test, rec. est. 100' drlg. fluid no shows oil or gas. 30 min. ISIP zero FSIP failed zero IFP 85, FFP 165, Initial hydr. 6375. Final Hydr. 6340.

DST No. 22: 14,650 to 14,889 Tool open 2 hrs., 49 min., weak blow air 1 min. x died, Rec. 100' drl. mud, 177' water out drl. mud and 100' sulphur water, 30 min. ISIP 165, 3 min. FSIP 435, IFP 33, FFP 135 Hydrastatic 6550.

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