

Cottonwood Spring Unit #1

DST #1 10985-11062'. Preflo 10 min; ISI 1 hr; FP 1 hr 15 min; FSI 2 hr 30 min. Pressures - FP 731-731; ISIP 1380; FSIP 1968; HP 5782-5680. Blo inc sli during test, would bubble from btm of bucket. Rec VSGCF, 40' mud, 1500' WB. Spl cha rec 1.2 cfg, 600 cc DM w/chl 165,000 ppm.

DST #2 11430-11489'. 15 min preflo; SI 1 hr; GTS in 25 min. Op 2 hr, fair blo.

Time	Chk	PSI	Flow
1 hr	$\frac{1}{2}$	34	310,000
1 hr 15 min	$\frac{1}{2}$	40	360,000
1 hr 30 min	$\frac{1}{2}$	44	400,000
1 hr 45 min	$\frac{1}{2}$	46	410,000
2 hr	$\frac{1}{2}$	50	420,000

SI 4 hr. Rec 94' HGCDF & 1500' WC. Sampler rec 2.13 cfg, 800 cc DF. Chl 162,000 ppm, pits 157,000 ppm. IHP 6255, FHP 6008. PF 731; 1 hr ISIP 5209; FP 691-790. 4 hr FSIP 5209.

DST #3 11600-11720. 1570' WB. PF 15 min, wk blo; SI 1 hr; op 1 hr wk blo incr to fair in 30 min. No GTS. SI 2 hr. No flare. Rec 9843' GIDP, 150' SGCDF. IHP 5785, FHP 5685. PF 676; 1 hr ISIP 2471; FFP 664; 2 hr FSIP 3676. BHT 187°.

DST #4 11740-11840'. 1500' WB; 15 min PF, wk blo; SI 1 hr, op 1 hr, SI 2 hr. Rec 1500' sli GCWB; 100' GCM; Samp cha rec 4.26 cfg, 900 cc mud, 1300#. PFP 732; ISIP 4023; FFP 745-771; FSIP 4661. IHP - FHP 6153. Temp 199°.

DST #5 11360-11465. 15 min PF, good blo immed. GTS in 14 min TSTM. SI 1 hr; op 5 hr 15 min on $\frac{1}{2}$ " ck - F 95,000 cfg @ 53#. After 1 hr 30 min, op on 1" ck for 30 min. 5#. On $\frac{1}{2}$ " ck for 3 hr 15 min, max press 79#. Max flo 131,000. Dropped to 71# & 120,000 cfg @ end of flow period. Rev out. PFP 205; ISIP 4946; FFP 645; FSIP 4968; IHP 5933; FHP 6039. BHT 199°.

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