

LD and loaded out test tools. RIH w/OE DP to 8085'. Displaced 100 sx Class C cmt w/.5 of 1% CFR2, 5# salt and 8# 20/40 sand/sack 8085-7697' (388' fill). POOH w/OE'd DP. RIH w/7-7/8" RB, DC's and jars. WOC total of 12 hours. Drld cmt stringers 7735-7750'. Washed down & tagged solid cmt at 7875' that would support 60,000# wt. POOH w/RB and drlg assembly. RIH w/OE'd DP to 7876' (log measure). Spot 45 sx Class C w/0.5 of 1% CFR2, 3# salt and 8# 20/40 sand/sk 7876-7701'. POOH w/OE'd DP and cut drlg line. RIH w/7-7/8" RB, DC's and jars. WOC total of 12 hrs. Washed out cmt stringers and tagged top of solid cmt at 7802'. Drld solid cmt 7802-7813' (log measure) w/25-35,000# wt on bit. W/pump off, set 45,000# on plug-ok.

Fin RIH w/Johnston test tools; DST No. 2: 7660-7813' (153') Strawn Sandy Lime. No wtr blanket, 5/8" BHC. Tool opened w/good blow at 0643 MST 12-9-77 increasing to 10# on 1/4" blow hose in 15 min preflow. No GTS. Closed tool for 60 min ISIP. Reopened tool at 0759 MST w/press increasing to max 16# in 5 min of 3/8" ck w/GR 56 MCFD. GTS 4 mins after reopening tool. Fine mist SW to surface 40 mins after reopening tool. Press at end of 60 min flow period 14# w/GR 58 MCFD. Closed tool for 180 min FSIP at 0900 MST. Released pkrs at 1202 MST and POOH. Recovered 103' of cmt contaminated drlg fluid above circ sub and 62' of cmt contaminated drlg fluid below circ sub (res 0.14 at 45°). Recovered no wtr and no distillate. Sample chamber at 7643' contained 700 cc cmt contaminated drlg fluid and 0.2 cu ft gas at 10 psig (res 0.14 at 50°). Pit sample res 0.10 at 52°. BHP's as follows:

	Top Chart At	Btm Chart At
	7801'	7807'
IMCP and FMCP	<u>4148</u>	<u>4181</u>
15 min IF	95-150	23-83
60 min ISIP	2748	2767
60 min FF	113-132	43-63
180 min FSIP	2767	2762
BHT	135° F	

Plugged well as follows through OE'd DP:

Plug #1: 50 sx Class H neat 7211-7361' (150') across top Strawn  
 Plug #2: 50 sx Class H neat 6303-6453' (150') across top Canyon  
 Plug #3: 50 sx Class H neat 5685-5835' (150') across top Cisco  
 Plug #4: 50 sc Class H neat 4635-4735' (100') across top Wolfcamp  
 Plug #5: 50 sx Class H neat 3404-3504' (100') across top Abo  
 Plug #6: 50 sx Class H neat 1750-1850' (100') 1/2 in and 1/2 out  
 8-5/8" csg seat  
 Plug #7: 10 sx Class H 0-30' (30')  
 installed 4" dry hole marker.