

Coppen #1-7  
 Daily Drilling Report  
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1/25/14 RTD: 4110'. Cut 135'. DT: None. CT: 16¾ hrs. Dev.: ¾° @ 4110'. **DST #3 3961-3990' (LKC K):** 30-60-30-60. Slid 10' to bottom. IF: wk blw, built to 1" over 15mins. died back to surf over 30mins. FF: wk surf blw. Rec.: 3'M w/oil specs. HP: 2035-1982. FP: 19/22, 22/24. SIP: 1170-1157. BHT: 114°. HC @ 2:15AM 1/25. Pioneer started logging @ 6:00AM 1/25. LTD 4105'.

1/26/14 RTD: 4110'. CT: 13½ hrs. Pioneer finished logging @ 10:45AM 1/25. Allied plugged hole as follows using 60/40Poz, 4%Gel, 25sxs @ 2271', 100sxs 1385', 40sxs @ 268', 10sxs @ 40', 30sxs RH, 15sxs MH. Started @ 1:15PM, Compl @ 4:30PM 1/25. Orders by Pat Staab, Hays KCC. RR @ 8:30PM 1/25. FINAL REPORT

Coppen #1-7 725' FNL 1270' FWL Sec. 7-T9S-R27W 2653' KB	Haffner #1 2130' FNL 1065' FWL Sec. 12-T9S-R28W 2745' KB
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Formation	Sample tops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum
Anhydrite	2254	+399	+16	2251	+402	+19	2362	+383
B/Anhydrite	2288	+365	+15	2286	+367	+17	2395	+350
Topeka	3532	-879	Flat	3528	-875	+4	3624	-879
Heebner	3742	-1089	+3	3740	-1087	+5	3837	-1092
Lansing	3783	-1130	+3	3782	-1129	+4	3878	-1133
Stark	3963	-1310	+3	3962	-1309	+4	4058	-1313
BKC	4006	-1353	+6	4004	-1351	+8	4104	-1359
RTD	4110						4176	
LTD				4105			4175	