

STEC #1-23
 Daily Drilling Report
 Page Two

4/14/14 Depth 4475'. Cut 130'. DT: None. CT: 12¼ hrs. Dev.: None.

4/15/14 Depth 4660'. Cut 185'. DT: 4 ½ hrs. (bit trip). CT: 2 hrs. (circ). Dev.: none. Will TD at 4740' this afternoon.

4/16/14 RTD: 4720'. Cut 60'. DT: None. CT: 17½ hrs. Dev.: 1° @ 4720'. TD @ 11:30AM 4/15. Pioneer logged 4:00PM – 9:45PM 4/15. LTD: 4718'. Allied plugged 2:00AM – 5:00AM 4/16, using 60/40Poz, 4%Gel, ¼# Floseal as follows, 25sxs @ 3130', 100sxs @ 2365', 40sxs @ 275', 10sxs @ 40', 30sxs RH, 15sxs MH. Orders: Richard Williams KCC Hays.

4/17/14 RTD: 4720'. CT: 2hrs. RR @ 9:00AM 4/16/14. FINAL REPORT

Formation	MDCI STEC #1-23 600' FNL 660' FWL Sec. 23-T1S-R37W 3174' KB								MDCI Culwell 'A' #1-27 1850'FNL 2000'FEL Sec. 27-1S-R37W 3304' KB		MDCI Culwell 'B' #1-11 850' FSL 700' FWL Sec. 11-T1S-R37W 3146' KB	
	Sample top	Datum	Ref	Ref	Log Top	Datum	Ref	Ref	Log Top	Datum	Log Top	Datum
Anhydrite	3125	+49	-16	-15	3121	+53	-12	-11	3239	+65	3082	+64
B/Anhydrite	3151	+23	-8	-8	3148	+26	-5	-5	3273	+31	3115	+31
Neva	3588	-414	-16	-21	3585	-411	-13	-18	3702	-398	3539	-393
Red Eagle	3659	-485	-20	-25	3651	-477	-12	-12	3769	-465	3606	-460
Foraker	3702	-528	-18	-23	3698	-524	-14	-19	3814	-510	3651	-505
Topeka	3924	-750	-13	-23	3919	-745	-8	-18	4041	-737	3873	-727
Oread	4051	-877	-6	-17	4048	-874	-3	-14	4175	-871	4006	-860
Lansing	4135	-961	-12	-19	4130	-956	-7	-14	4253	-949	4088	-942
Stark	4354	-1180	-12	-22	4349	-1175	-7	-17	4472	-1168	4304	-1158
BKC	4407	-1233	-12	-23	4400	-1226	-5	-16	4525	-1221	4356	-1210
Pawnee	4532	-1358	-12	-25	4533	-1359	-13	-26	4650	-1346	4479	-1333
Cherokee	4616	-1442	-14	-20	4614	-1440	-12	-18	4732	-1428	4568	-1422
RTD	4720	-1546							4840	-1536	4900	-1754
LTD					4718	-1544			4842	-1538	4902	-1756