

Downing #1-6
Daily Drilling Report
Page Two

- 2/13/14 Depth 4298'. Cut 100'. DT: None. CT: 19 ½ hrs. Dev.: None. **LKC G:** pr w/ tr fr intrprtcal por, scat lt-drk brn sptd-sub sat stn, S-FSFO (some bleeding), no odor. **LKC G Prime:** pr por, scat blk sptd-sat stn, NSFO, no odor. **LKC H:** pr intrprtcal por, scat blk tarry-asph sptd-patchy stn, 1 pc w/ brn stn & VSSFO (caving?), no odor. On bottom with test at 6:17AM. **DST #2 4194-4298 (LKC G-H):** 30-60-30-60. IF: surface blow built to ¾". IF: no blow. Rec. 5' M (100% M). HP: 2064-2039. FP: 15/19, 20/24. SIP: 512-406. BHT: 119°.
- 2/14/14 Depth 4385'. Cut 87'. DT: 1¾ hrs oil line. CT: 17¾ hrs. Dev.: None. **LKC I:** pr por, NS. **LKC J:** pr w/ tr fr intrprtcal & pin point por, tr lt-med brn sptd-sub sat stn, mstly SS w/ cpl pcs FSFO, no odor, tr barren pin point por. **LKC K:** pr por, NS. **DST #3 4296-4385 (LKC J-K):** 30-60-60-90. IF: BOB in 11 min. ISl: blow back built to ½". FF: BOB in 11 min. Rec. 850' TF, 46' Free Oil (100% O), 804' OSMW (spots O, 80% W, 20% M). Oil Gravity 34° API. Chlr. 72,000 ppm. Pit chlr. 1,100 ppm. HP: 2134-2130. FP: 44/225, 230/395. SIP: 720-697. BHT: 135°.
- 2/15/14 RTD 4500'. Cut 115'. DT: None. CT: 17½ hrs. Dev.: None. TD @ 8:15PM 2/14. Pioneer logged 12:00AM to 6:00AM 2/15.
- 2/16/14 RTD 4500'. CT: 17¼ hrs. Ran 108jts of 15.5# 5½" prod csg, set @ 4493'. C.O.W.S cmt w/200sxs OWC, 250sxsCMD, PD @ 8:15PM 2/15. 30sxs RH, 20sxs MH. Circ to cellar. RR @ 12:15AM 12/16/14. FINAL REPORT.

MDCI Downing #1-6 2150' FSL 2140' FWL Sec. 6-T1S-R35W 3169' KB							MDCI Walter 'A' OWWO #1-1 1980' FSL 2080' FEL Sec. 1-T1S-R36W 3237' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	3100	+69	+10	3099	+70	+11	3178	+59
B/Anhydrite	3132	+37	+10	3132	+37	+10	3210	+27
Neva	3592	-423	-3	3594	-425	-5	3657	-420
Red Eagle	3658	-489	-7	3658	-489	-7	3719	-482
Foraker	3705	-536	-6	3706	-537	-7	3767	-530
Topeka	3913	-744	-7	3914	-745	-8	3974	-737
Oread	4029	-860	-3	4026	-857	Flat	4094	-857
Lansing	4131	-962	-6	4134	-965	-9	4193	-956
Stark	4348	-1179	-9	4347	-1178	-8	4407	-1170
BKC	4400	-1231	-11	4398	-1229	-9	4457	-1220
RTD	4500	-1331					5270	
LTD				4500	-1331		5266	