

Jean #4-8
 Daily Drilling Report
 Page Two

- 6/30/14 Depth 4495'. Cut 160'. DT: None. CT: 15hrs. Dev.: ½° @ 4242'. **DST #3 4238-4386 (LKC G-J)**: 30-60-60-90. IF: blw built to 1¼". FF: blow built to ¼". Rec. 80'M w/oil spots (100% M). HP: 2063-2054. FP: 25/43, 48/70. SIP: 925-890. BHT: 131°. **Pawnee**: pr-fr w/ some gd introol por, scat lt brn patchy-sat stn, SSFO, no odor (mstly small-vry small pcs). **DST #4 4535-4585 (Pawnee)**: est on bottom w/ test about 8:00 pm
- 7/1/14 Depth 4590'. Cut 95'. DT: None. CT: 17hrs. Dev.: None. **DST #4 4535-4585 (Pawnee)**: 30-60-60-90. IF: blw built to 3". FF: blw built to 3¼". Rec. 123' TF, 63' CGO (10%G, 90%O), 60' OCM (40%O, 60%M). Oil Grav 31° API. HP: 2283-2246. FP: 21/39, 48/63. SIP: 545-530. BHT: 138°.
- 7/2/14 RTD 4760'. Cut 170'. DT: none. CT: 15 ¾ hrs. Dev.: none. HC @ 4:00 PM 7/1/14. Pioneer logged from 8:30 PM 7/1/14 to 1:30 AM 7/2/14, LTD @ 4765'.
- 7/3/14 RTD 4760'. CT: 11 ½ hrs. Ran 5 ½" prod. csg @ 4756', COWS cmt w/450 sx. (250 sx. CMD, 200 sx EA2), PD @ 2:30 PM 7/2/14. 30 sx. in RH, 20 sx. in MH. RR @ 6:30 PM 7/2/14. FINAL REPORT.

MDCI Jean #4-8 660' FSL 1980' FWL Sec. 8-T1S-R37W 3216' KB							MDCI Jean #2-8 660' FSL 1980' FEL Sec. 8-T1S-R37W 3212' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	3170	+46	-8	3173	+43	-11	3158	+54
B/Anhydrite	3202	+14	-4	3204	+12	-6	3194	+18
Neva	3621	-405	-5	3623	-407	-7	3612	-400
Red Eagle	3685	-469	-6	3687	-471	-8	3675	-463
Foraker	3730	-514	-4	3734	-518	-8	3722	-510
Topeka	3952	-736	-3	3954	-738	-5	3945	-733
Oread	4088	-872	-6	4090	-874	-8	4078	-866
Lansing	4166	-950	-4	4167	-951	-5	4158	-946
Stark	4385	-1169	-4	4388	-1172	-7	4377	-1165
BKC	4440	-1224	-3	4443	-1227	-6	4433	-1221
Pawnee	4562	-1346	-4	4561	-1345	-3	4554	-1342
Cherokee	4650	-1434	-4	4653	-1437	-7	4642	-1430
RTD	4760						4750	-1538
LTD				4765	-1549		4751	-1539