

Jean #3-8
 Daily Drilling Report
 Page Two

- 6/18/14 Depth 4520'. Cut 110'. DT: None. CT: 17¼ hrs. Dev.: None. **LKC G:** Ls wht, fn xln, fnly suc, pr int xln por, scat vugs, w/ grn stn, pr pp por, no odor, v spty SFO, sli chlky, LS wht-lt grey, fn xln, grn-wk stn, pr int gran por, no odor, spty SFO, sli chlky. **LKC H:** Ls v lt grey-wht, fn xln, md stn, w/ scat grn stn, pr int gran por, no odor, rare SFO, v spty blk oil stain. **LKC J:** Ls wht, fn-med xln, pk-grn stn, pr int xln por, no odor, spty SFO, uneven stain. **DST #2 4307-4465 (LKC G-J):** 30-60-60-90. IF: 1/4" blw built to 3". FF: Surf blw started @ 20 mins built to 2". Rec.: 10'OCM (50%O, 50%M), 90'OCM (30%O, 70%M), 90'OCM (5%O, 95%M), 90' OWCM (20%O 35%W 45%M. HP: 2192-1977. FP: 22/79, 85/154. SIP: 1330-1291. BHT: 136°.
- 6/19/14 Depth 4662'. Cut 142'. DT: None. CT: 15½ hrs. Dev.: None. **Pawnee:** Ls wht, fn xln, ool grn stn, pr int gran por, scat fr int gran por, v fnt odor, fr SFO. **DST #3 4614-4662 (Pawnee):** 30-60-60-90. IF: blw built to 5½". FF: blw built to 4". Rec.: 580'TF, 24'MW (70%W, 30%M), 186'MW (60%W, 40%M), 370'MW (80%W, 20%M). HP: 2433-2257. FP: 22/134, 139/272. SIP: 1154-1097. BHT: 149°. RW: .318 @ 57° F CHL 26000PPM.
- 6/20/14 RTD: 5320'. Cut 658'. DT: None. CT: 18½ hrs. Dev.: None. TD @ 5:15AM 6/20. After recovering water on our Pawnee DST we decided our best option was to drill this well on down to the granite & complete it as a salt water disposal well. Will run 5 ½" prod csg.
- 6/21/14 RTD: 5320'. CT: 24hrs. Dev.: ½° @ 5320'. Pioneer logged 9:30AM – 4:00PM 6/20. LTD: 5318'. Ran 127jts of 15.5# 5½" prod csg, set @ 5318'. C.O.W.S. cmt w/300sxs CMD, 250sxs OWC. PD @ 6:30AM 6/21. 30sxs RH, 20sxs MH.
- 6/22/14 RTD: 5320'. CT: 3 1/2 Circ cmt. RR @ 10:30AM 6/21/14. FINAL REPORT

MDCI Jean #3-8 1980' FSL 660' FEL Sec. 8-T1S-R37W 3283' KB							MDCI Jean #1-8 660' FSL 660' FEL Sec. 8-T1S-R37W 3219' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	3242	+41	-10	3238	+45	-6	3168	+51
B/Anhydrite	3269	+14	-4	3266	+17	-1	3201	+18
Neva	3690	-407	-2	3687	-404	+1	3624	-405
Red Eagle	3760	-477	-10	3750	-467	Flat	3686	-467
Foraker	3803	-526	-12	3799	-516	-2	3733	-514
Topeka	4026	-743	-5	4022	-739	-1	3957	-738
Oread	4159	-876	-2	4153	-870	+4	4093	-874
Lansing	4237	-954	-1	4233	-950	+3	4172	-953
Stark	4458	-1175	-2	4454	-1171	+2	4392	-1173
BKC	4518	-1235	-5	4510	-1227	+3	4449	-1230
Pawnee	4636	-1353	-2	4631	-1348	+3	4570	-1351
Cherokee	4724	-1441	-3	4717	-1434	+4	4657	-1438
Mississippi	4942	-1659	----	4936	-1653	----		
Arbuckle				5118	-1835	----		
Reagan				5231	-1948	----		
Granite	5304	-2021						
RTD	5320						4770	
LTD				5318	-2035		4767	-1548