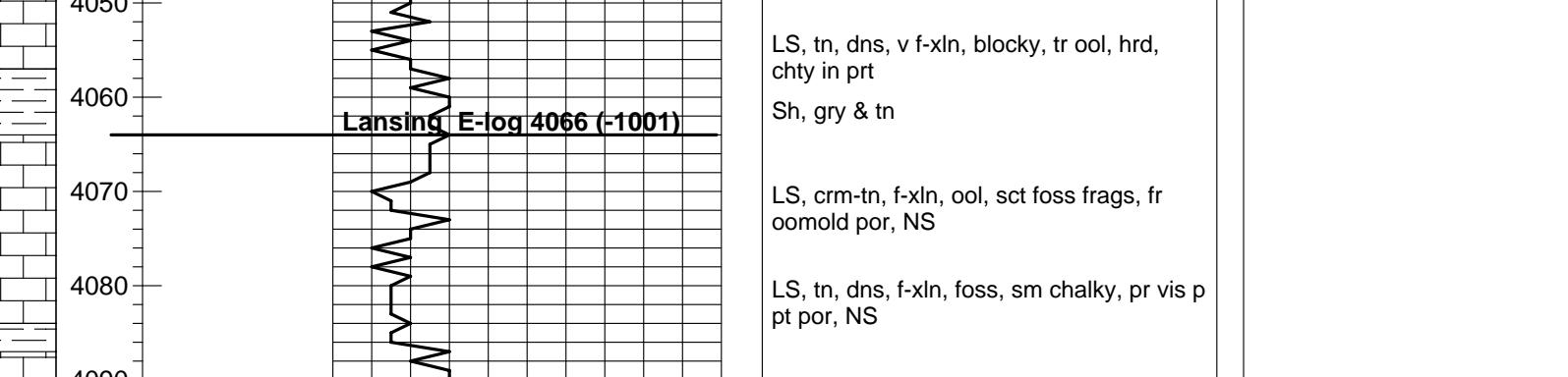


Daily Progress

Bit Record

Calcium Bolomite



Mn Crk Sh E-log 4211 (-1146)

- 4120-4130: LS, crm-tn, f-xln, foss, brittle, tr cht, pr vis por, NSFO, no odor, fw pcs w/blk edge stn
- 4140: LS, tn, dns, v f-xln, foss in prt, chty
- 4150: Sh, blk & gry + LS, tn, v f-xln, foss, tr ool, pr vis vis por, trc dead blk stn
- 4160: Sh, gry, sft
- 4170: LS, tn-crm, v f-xln, trc foss, blocky, no vis por, NS
- 4180: Sh, gry
- 4190: LS, crm-wht, f-xln, v chalky, sm ool & foss frags, sft, pr vis por, NS
- 4200: LS, crm, v f-xln, dns, trc ool, chlky in prt, pr vis por, NS
- 4210: LS, lt gry, dns, micro-xln, mott in prt
- 4220: Sh, blk, carb
- 4230: LS, tn-brn, dns, v f-xln, gran, mushy, trc foss, pr vis por, NSFO, slt odor, pr vis stn
- 4240: LS, crm-tn, f-xln, sct ool, sm foss, v sct int-part por, fw pcs w/SSFO, no odor, v sct stn
LS, tn, dns, v f-xln, trc foss, chty in prt
- 4250: Sh, blk & gry
- 4260: 7/24/12 4265'
CFS
Wt. 9.2
Vis 57
WL 7.2
Chls 2,000
- 4270: LS, tn, dns, v f-xln, bec crm-tn, f-xln, micro-ool in prt, sm chlky, pr vis int-ool por, NSFO, slt odor, pr vis stn
- 4280: Sh, blk & gry
- 4290: LS, tn, dns, v f-xln, trc ool, foss, blocky, pr vis por, NS
Stark E-log 4296 (+1231)
7/25/12 4299'
- 4300: LS, tn, dns, micro-xln, trc foss
Sh, blk, carb
- 4310: LS, tn & gry, f-xln, ool in prt, foss, sm chlky, fr ppt & moldic por, SSFO, gd odor, sct lt sat stn
CFS
Wt. 9.5
Vis 52
WL 8.0
Chls 2,000
- 4320: LS, crm-tn, dns, v f-xln, trc foss, hrd
- 4330: Sh, blk, carb
- 4340: LS, crm-wht, f-xln, ool in prt, v chalky, pr vis por, NS
- 4350: Sh, lt gry, calc
- 4360: Sh, tn & marrn, sft
- 4370: Sh, gry, sft, mica
- 4380: Sh, gry, green, & tn
- 4390: Marmaton E-log 4395 (-1330)
LS, tn, v f-xln, trc ool, chalky, no vis por, NS
- 4400: Sh, blk & gry, sm calc
- 4410: LS, tn, micro-xln, hrd, trc foss, chty in prt
- 4420: LS, It gry, dns, micro-xln, blocky, chty in prt, hrd
- 4430: LS, tn-gry, dns, micro-xln, trc foss, mott, argill
- 4440: Sh, gry & tn
- 4450: LS, tn, dns, micro-xln, trc foss, chty in prt
- 4460: Sh, gry & tn, md-sft
- 4470: Sh, gry + LS, tn, dns, micro-xln, trc foss & ool, chty in prt
- 4480: Sh, drk gry & blk
- 4490: Pawnee E-log 4496 (-1431)
7/26/12 4503'
0 5 Wt. 9.310
0 5 Vis 57
0 5 WL 8.0
0 5 Chls 2,300
- 4500: LS, crm-tn, f-xln, gran in prt, foss, chty, pr vis por, NS + Cht, wht-gry, opq, frsh
- 4510: LS, tn, dns, micro-xln, blocky, chty
- 4520: Sh, blk, carb
- 4530: LS, tn-crm, f-xln, foss, v sct ool, chlky, pr vis por, NS
- 4540: Sh, blk, carb
- 4550: LS, tn-brn, dns, v f-xln, dnsly ool, brittle, pr vis por, NS
- 4560: Sh, lt gry
- 4570: LS, tn, dns, micro-xln, hrd, trc foss, blocky
Cke Sh E-log 4577 (-1512)
- 4580: Sh, blk, carb
- 4590: LS, lt gry, sft, f-xln, mott, argill
- 4600: Sh, gry
- 4610: LS, tn, dns, micro-xln, chty, trc foss, hrd
- 4620: Sh, gry & blk
Jh Zn E-log 4620 (-1555)

DST #1 4208-4280
30"-60"-30"-60"
Blow built to 1/4 inches on IFP
No blow on FFP
REC:
10' Mud w/fw oil spts
IFP 17-23 ISIP 1169
FFP 24-29 FSIP 1079
IHP 2155 FHP 2139
Temp: 120 deg F

DST #2 4286-4310
30"-60"-30"-60"
Blow built to 1/4 inch on IFP
No blow on FFP
REC:
15' Mud w/oil spts
IFP 14-26 ISIP 1324
FFP 30-37 FSIP 1312
IHP 2216 FHP 2107
Temp: 119 deg F

DST #3 4571-4639
15"-60"-30"-90"
Blow built to BOB in 5" on IFP
Blow built to BOB in 9" on FFP
REC: 118' GIP
63' MCOW (30%, 50%w, 20%m)
252' OCOW (10%, 60%w)