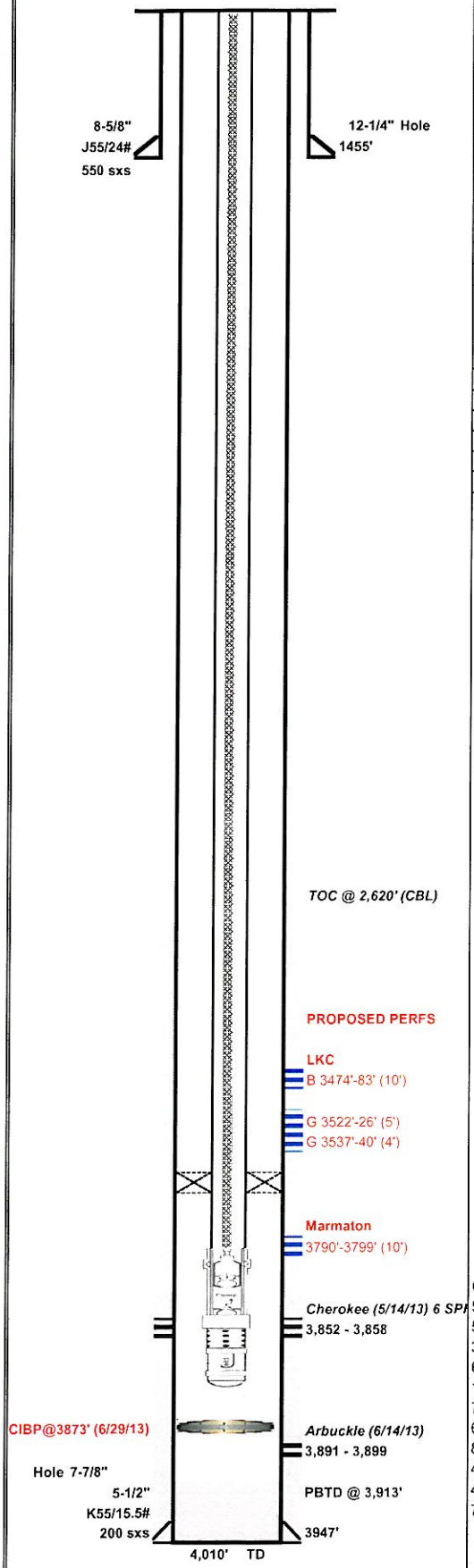
WELLBORE SCHEMATIC

PROPOSED



Lease:	Colborg			Well No.	#4
API No.	15-195-22858			Status	New Drill
Location:	NE/NW/NW Sec. 27 14N 21W (330 FNL / 990 FWL)				
County:	Trego	State:	KS	Field:	Sunny Slope
TD	4010'	GL	2106'	Spud Date:	4/27/2013
PBTD	3873'	KB	2117'	Comp Date:	TBD
Current Perfs/OH:	3,852 - 3,858	Current Zone:	Cherokee/Arbuckle		
Current Perfs/OH:					
Current Perfs/OH:					

Surface Equipment

Unit Make:	American	Unit Size:	160
Unit S/N:		Unit Rotation:	
SPM:	6.0	Stroke Length: 51"	Unit Sheave:
Prime Mover:			Motor Sheave:
Motor S/N:			Motor RPM:

Casing Breakdown

	Size	Grade / Wt	Depth	Hole Size	Cement
Conductor					
Surface	8-5/8"	J55/24#	1455'	12-1/4"	550 sxs
Production	5-1/2"	K55/15.5#	3947'	7-7/8"	200 sxs
Production					
Liner					

Tubing Breakdown

Qty	Description	Footage
116	2-7/8" Tubing	3828.00'
	TAC	
1	2-7/8" Tubing	31.00'
	SN @ 3859'	
	2-7/8" MA	6.00'
	EOT @ 3865'	
	TOTAL	3865.00'

Rod Breakdown

Qty	Description	Footage
1	Liner	8.00'
1	PR	22.00'
3	4', 6', 8' Pony rods 7/8"	20.00'
42	7/8"	1050.00'
110	3/4"	2750.00'
1	2' Pony rod 3/4"	2.00'
	2 1/2" x 1 1/2" x 12'	12.00'
	TOTAL	3864.00'

Comments

5/14/13: Perf'd Cherokee (3852-58'). Pumped 500 gal. 7.5% HCL. No show of oil
5/16/13: Pumped 800 gal 12% NEFE. 5/17/13: Pumped 1000 gal 12% NEFE. 5th hr: 3.5 bbl, 25% oil. 3550' F.S. Put on pump
6/11/13: PBTD @3887'. DO to 3913'. Perf'd Arb (3891-99'). Pumped 3000 gal 28% HCL. 4th hr: 140 bbl 1350' F.S no oil show. 6/20/13: Tiorco polymer 1000 bbl 3K ppm, 82 bbl 4.5K ppm, 179 bbl 8K ppm, 79 bbl 10K ppm. WHP:100 psi. 6/28/13: tagged at 1100' F.S. 8th hr: 280 bbl, no oil show, FL @ 1500' F.S
6/29/13: Set CIBP @ 3873'
8/29/14: HIT
4/17/15: Body break
4/27/15: Parted. Changed rod design & stimulated with PAA
7/16/17: Down w/ tbg leak. S.I as uneconomic to repair. Last test: 1 BOPD & 25 BWPD.

PREPARED BY:	LMCV	UPDATED:	7/16/2018