9/30/2013

CONSOLIDATED Oil Well Services, LLC

5000000730

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Source	State, County	Harvey , Kansas	Cement Type	CLASS A
Job Type	Intermediate	Section	16	Excess (%)	20
Customer Acct #	0	TWP	24	Density	14.8 / 15.8
Well No.	H. Entz 16-14-16-11 H	RGE	2	Water Required	6.0 / 4.61
Mailing Address	0	Formation	0	Yeild	1.38 / 1.20
City & State	AFE# 100-71D	Tubing	0	Sacks of Cement	120 / 100
Zip Code	0	Drill Pipe	0	Slurry Volume	29.5 bbl / 21.4 bbl
Contact	0	Casing Size	7" (23#)	Displacement	128.3
Email	0	Hole Size	8 3/4"	Displacement PSI	400-600
Cell	0	Casing Depth	3311.31'	MIX PSI	200
Dispatch Location	BARTLESVILLE	Hole Depth	46.27'	Rate	4-5 bpm

Time:	Description	Rate (bpm)	Volume (bbl)	Pressure	Notes
	Amount of Cement Left in Casing				

Remarks:

Held safety meeting, rig up to cement. Pressure test lines to 3000#. Pumped 10 bbl of mud flush and 10 bbl water spacer and established circulation.

Ran 120 sx of cement w/ 3% gel, 2% calcium, 5# kol seal @ 14.8 ppg for Lead and 100 sx of cement w/ 3% gel, 2% calcium, 5# kol seal @ 15.8 ppg for Tail. Dropped plug and displaced 128.3 bbl to land plug. Landed plug @ 1600#, 1000# over lift. Flowed back 3/4 bbl and held. Shut down and washed up.

Lift pressure 600# / Landed plug @ 1600# @ 10:05 pm / TOC @ approx. 1720'.