

OLDLAND ERNEST 5X

DATA INPUT

Type	Depth	
KB	5238	
GL	5224	
16 in. #/ft, UNKNOWN	0	40
9.625 in. 36 #/ft, K-55	0	785
7 in. 23 #/ft, K-55	0	5324
7 in. 23 #/ft, N-80	5324	5831
7 in. 23 #/ft, N-80	5831	6479
CEMENT_TOP	1400	
Weber	5928	
Perfs, Top:	5942	
Perfs, Btm:	6410	
PBTD:	6450	
TD:	6478	

OLDLAND ERNEST 5X Cement Schedule, P&A

Cement Plug		Cmt	Cmt	Cmt	50 sxs minimum		
Casing	depth	Top	Btm	Length	Bbl/ft	BBIs	Sxs
Surface Plug							
7", 23#/ft	785	0	250	250	0.0393	10	48
Shoe & Annular Plugs							
7", 23#/ft	785	660	910	250	0.0393	10	48
9 5/8" 36# x 7"	785	735	835	100	0.0297	3	14
						13	62
Intermediate Plug							
	(below TOC)						
7", 23#/ft	2000	1875	2125	250	0.0393	10	48
Weber Plug							
	Weber	5928					
Cement above CICR		5753	5878	125	0.0393	5	24
7" CICR @	5878						
Cement below CICR		5878	6003	125	0.0393	5	24
		Minimum Weber Plug	Excess = 10%/1000'			16	78
Cement to PBTD		6003	6450	447	0.0393	18	85
PBTD @	6450	Full Plug to PBTD	Excess = 10%/1000'			29	140
BBIs Sxs							
Minimum Weber Plug				Excess = 10%/1000'		49	235
Total Cement required				Full Plug to PBTD	Excess = 10%/1000'	78	375
Type Cement:	"G" cmt						
Cu Ft / bbl	5.61	cuft/bbl	4.84	Sxs / Bbl			
Yield, cu ft/Sx	1.16	cuft/sx					
Water Requirement, gps	5.07	gps					
Cement Weight, ppg	15.8	ppg					
Annulus							
9 5/8" 32# x 7"		-50	50	100	0.0311	3	15
9 5/8" 36# x 7"		-50	50	100	0.0297	3	14
10 3/4" 32.75 #/ft x 7"		-50	50	100	0.0533	5	26
10 3/4" 40.5 #/ft x 7"		-50	50	100	0.0505	5	24
13 3/8" 48#/ft x 7"		-50	50	100	0.1095	11	53
13 3/8" 54#/ft x 7"		-50	50	100	0.1070	11	52
Casing							
4 1/2" 11.6#/ft,		-300	300	600	0.0155	9	45
5" 18#/ft,		-250	250	500	0.0177	9	43
5 1/2" 15.5#/ft,		-200	200	400	0.0238	10	46
5 1/2" 17#/ft,		-200	200	400	0.0232	9	45
7", 20#/ft		-125	125	250	0.0404	10	49
7", 23#/ft		-125	125	250	0.0393	10	48
7", 26#/ft		-125	125	250	0.0382	10	46
Open Hole							
Open Hole, 7 7/8"				0	0.0602	0	0
Open Hole, 8 "				0	0.0622	0	0
Open Hole, 8 3/4"				0	0.0744	0	0
Tubing							
Tubing 2-3/8" 4.7 ppf, J55, TK15				0	0.0039	0	0
Tubing 2-7/8" 6.5 ppf, J55, Fibertline				0	0.0058	0	0
3 1/2"				0	0.0087	0	0

Check

Check

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