

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 21-JUN-12	F.R. # 1001916509	SERV. SUPV. JUAN D MAESTAS
LEASE & WELL NAME CROFT FARMS 3407 #30-1H - API 1507721814000	LOCATION 30-34S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG #		TYPE OF JOB Intermediate

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
7" Top Cem Plug, Nitrile cvr, Phen	Float Shoe 7 - 8rd						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
C50:50:2 + Additives		200	14.2	1.32	5.66	03:45	46.91	26.94
Displacement			8.34				211.13	
SealBond Spacer 25 (w/ 45lb bag)			8.45				40	
C15:85:8 + Additives		790	12.4	2.45	13.51	05:00	344.26	254.16
Available Mix Water _____ Bbl.		Available Displ. Fluid _____ Bbl.		TOTAL			642.31	281.10

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75		5403	6.366	7	23	CSG	5403	4780		5049	5001	

LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.9	9.625	36		800	800				4600	4600	7	8RND	WATER BASED MU	8.8

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	RIG
211	BBLS	Displacement		8.34	1500	0	0	0	0	6340	5072	RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 5500 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
22:30	0	0	0	0		ARRIVED ON LOCATION	
22:35	0	0	0	0	0	HAZARD ASSESMENT WALK AROUND	
						06/22/2012	
12:30	0	0	0	0	0	CIRCULATING THROUGH TOOL	
14:30	0	0	0	0	0	HELD SAFTYMEETING WITH RIG CREW	
15:00	0	0	0	0	0	SBSPC RIG PUMPED 40 BBLS SEAL BOND SPACER	
15:42	0	0	0	0	0	H2O TEST C063 PUMP AND LINES TO 5000 PSI	
15:48	550	0	3	345	CMT	PUMP LEAD SLURRYT @ 12.4 PPG	
17:37	440	0	5.1	47	CMT	PUMP TAIL SLURRY @ 14.2 PPG	
17:47	0	0	0	0	CMT	SHUTDOWN	
17:49	70	0	4	0	H2O	DROPT TOP PLUG AND DISPLACE	
18:04	530	0	4	60	H2O	SEE LIFT PRESSURE	
18:31	1210	0	2.5	170	H2O	SLOW RATE	
18:45	1110	0	2.5	199	H2O	SHUTDOWN	
18:55	0	0	0	0	H2O	BLEED PSI .7 BBLS RTN FLOAT HELD	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	40	643	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	