

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 26-MAY-12	F.R. # 1001911321	SERV. SUPV. JUAN D MAESTAS
LEASE & WELL NAME CROFT FARMS 3407 #30-1 - API 15077218070000	LOCATION 30-34S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG #		TYPE OF JOB Surface

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
9-5/8" Top Cem Plug, Nitrile cvr, Phe	Float Collar, Auto Fill, 9-5/8 - 8rd						
	Float Shoe 9-5/8 - 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
C + Additives		500	14.8	1.35	6.34	02:45	119.89	75.45
Displacement			8.34				58.76	
Water			8.34				20	
Available Mix Water <u>450</u> Bbl.		Available Displ. Fluid <u>500</u> Bbl.		TOTAL			198.64	75.45

HOLE										TBG-CSG-D.P.				COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE				
12.25		800	8.921	9.625	36	CSG	800	800								

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.
17.	18	84		60	60					9.625	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
61.3	BBLs	Displacement	8.34	250	0	0	0	0	3520	2500	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 2500 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
00:30	0	0	0	0		ARRIVED ON LOCATION	
00:35	0	0	0	0		HAZARD ASSESMENT WALK AROUND	
10:45	0	0	0	0		HOOKED UP TO CIRCULATE	
11:00	0	0	0	0		HELD SAFTY MEETING WITH RIG CREW	
11:30	0	0	0	0		TEST C 163 PUMP AND LINES TO 3500 PSI	
11:32	80	0	3.1	20	H2O	PUMP FRESWATER SPACER	
11:38	70	0	3.1	120	CMT	PUMP CEMENT SLURRY @ 14.8 PPG	
12:20	0	0	0	0	CMT	SHUT DOWN	
12:23	180	0	3.1	0	H2O	DROP TOP PLUG AND DISPLACE	
12:39	320	0	2.5	50	H2O	SLOW RATE	
12:45	400	0	2.5	59.4	H2O	BUMP TOP PLUG TO 1000 PSI	
12:48	0	0	0	0	H2O	BLEED PRESSURE .25 BBL 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	1000	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	40	199	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	