

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC		DATE 21-NOV-12	F.R. # 1001949060	SERV. SUPV. James Kirkpatrick										
LEASE & WELL NAME CROFT FARMS #27-1 - API 15077218420000		LOCATION 27-34S-7W		COUNTY-PARISH-BLOCK Harper Kansas										
DISTRICT McAlester		DRILLING CONTRACTOR RIG # Nabors 180		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, Ph		No Shoe, CUSTOMER SUPPLIED												
MATERIALS FURNISHED BY BJ				PHYSICAL SLURRY PROPERTIES										
				LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
H2O					8.34					20				
CLASS C + ADDITIVES				325	14.8	1.35	6.34			78	48.97			
H2O					8.34					36				
Available Mix Water		350	Bbl.	Available Displ. Fluid		350	Bbl.	TOTAL		134	48.97			
HOLE				TBG-CSG-D.P.				COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25		510	8.921	9.625	36	CSG	505	505	J-55	505	459			
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.	
18.	18	47.		60	60					9.625	8RD	WATER BASED MU	9	
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.				
36	BBLs	H2O	8.34	200					2816	1100				RIG TANK
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NO PROBLEMS														
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 6000 PSI								
18:35	6425				H2O	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>								
18:42	115		4	20	H2O	TEST, PUMP AND LINES, START H2O SPACER AHEAD								
19:05	205		3.5	78	CMT	PUMP H2O SPACER, START CMT @ 14.8 #								
19:20	1000		4	36	H2O	PUMP CMT, DROP PLUG, START H2O DISP								
19:35	0					PUMP 36 BBL DISP, BUMP PLUG, HOLD PRESSURE FOR 15 MIN								
						BLEED PRESSURE DOWN, TEST FLOAT, HOLDING								
						CMT RETURNS TO SURFACE @ 5 BBL INTO DISPLACEMENT								
						@ 30 BBL CMT RETURNS								
						THANK YOU FOR USING BAKER HUGHES, JIM AND CREW								
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	N 200	<input checked="" type="checkbox"/> Y	N 35	134	0	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N							