

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC			DATE 04-MAY-13		F.R. # 1001984519			SERV. SUPV. James Kirkpatrick															
LEASE & WELL NAME HEDRICK 2106 #19-1H - API 15159227170000					LOCATION 19-21S-6W			COUNTY-PARISH-BLOCK Rice Kansas															
DISTRICT McAlester			DRILLING CONTRACTOR RIG # Nabors 180				TYPE OF JOB Liner																
SIZE & TYPE OF PLUGS			LIST-CSG-HARDWARE			MECHANICAL BARRIERS			MD		TVD		HANGER TYPES		MD		TVD						
			No Shoe, Cust sup																				
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	
												8.45				5.54		04:55		40			
										50/50h,3%salt,0.5%fl-62,0.6%sms,0.5%fl52a		125103124		280		14.3		1.24		62		36.89	
H2O				8.34						85													
Available Mix Water			150		Bbl.		Available Displ. Fluid			300		Bbl.		TOTAL		187		36.89					
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS													
SIZE		% EXCESS	DEPTH		ID	OD	WGT.	TYPE		MD	TVD	GRADE	SHOE		FLOAT	STAGE							
6.125			7285		3.826	4.5	16.6	DP		3178	3178	J-55	7270		7219								
					4	4.5	11.6	CSG		7270	7270	L-80											
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.								
6.3	7	26		3857	3857						4.5	8RD	WATER BASED MU		8.4								
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											
85	BBLs	H2O		8.34	450					8552	1350	RIG											
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 5500 PSI																	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>																	
10:20	5600				H2O	TEST, START CEMENT @ 14.3#																	
10:40	140		4	62	CEMENT	PUMP 62 BBL CEMENT, SHUT DOWN, WASH TO PIT, PLUG AWAY, START DISPLACEMENT																	
10:50	550		3.5	20	H2O DISP	20 BBL DISPLACEMENT AWAY, MSHEAR PLUG, CONTINUE DISPLACEMENT																	
11:10	900		3	85	H2O DISP	85 BBL DISPLACEMENT AWAY, NO BUMP, SHUT DOWN, HOLD 10 MINUTES																	
11:25	550					HOLD 10 MINUTES, BLEED OFF, SET TOOL, RIG UP TO BACKSIDE TO PRESSURE UP TO 4500 PSI																	
11:35	4500					PRESSURE UP BACKSIDE TO 4500 PSI AND HOLD FOR 10 MINUTES																	
11:45						HOLD PRESSURE FOR 10 MINUTES, BLEED OFF, TURN OVER TO RIG TO CIRCULATE OUT, RIG DOWN																	
						CEMENT: 280 SACKS 50/50 CLASS H + 3% SALT + 0.5% FL-62 + 0.6% SMS + 0.5% FL-52A																	
						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:															
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		0	147	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>																