

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E&P INC	DATE 08-AUG-13	F.R. # 10011006227	SERV. SUPV. James Kirkpatrick
LEASE & WELL NAME HUDGENS 3307 #10-1 - API 15077218510000	LOCATION 10-33S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # MERCER 142		TYPE OF JOB Plug & Abandon

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
H2O			8.3				5
classh,0.01%staticfree		50	16.4	1.06	4.35		9 4.93
H2O			8.3				7
H2O			8.3				5
classh,0.01%staticfree		275	16.4	1.06	4.35		52 28.53
H2O			8.3				3

Available Mix Water <u>30</u> Bbl.	Available Displ. Fluid <u>100</u> Bbl.	TOTAL <u>81</u> <u>33.46</u>
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HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75		1300	6.366	7	23	CSG	1300	1300	J-55			
			2.441	2.875	6.5	TBG	1200	1200	J-55			
			2.441	2.875	6.5	TBG	588	588	J-55			

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.
											2.875	8RD	FRESH WATER	8.3

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	WATER
10	BBLs	H2O	8.3				5810	400	5080	400	Transport
		H2O	8.3								

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 3000 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
						LOWER PLUG					
09:20	3250				H2O	TEST, START H2O AHEAD					
09:25	200		3	5	H2O	PUMP 5 BBL H2O AHEAD, BATCH CEMENT UP TO WEIGHT, START 16.4# CEMENT DOWNHOLE					
09:30	185		3	9	CEMENT	PUMP 9 BBL CEMENT @ 16.4#, START H2O DISPLACEMENT					
09:35	385		5	7	H2O	PUMP 7 BBL H2O DISPLACEMENT, SHUT DOWN AND RETURN TO RIG					
						UPPER PLUG					
12:25	2500				H2O	TEST, START H2O AHEAD					
12:30	120		3	5	H2O	PUMP 5 BBL H2O AHEAD, BATCH CEMENT UP TO WEIGHT, START 16.4# CEMENT DOWNHOLE					
12:40	400		3	52	CEMENT	PUMP 52 BBL CEMENT @ 16.4 #, START H2O DISPLACEMENT					
12:45	215		3	3	H2O	PUMP 3 BBL H2O DISPLACEMENT, SHUT DOWN AND RETURN TO RIG					
						LOWER PLUG CEMENT: 50 SACKS CLASS H + 0.01% STATIC FREE					
						UPPER PLUG CEMENT: 275 SACKS CLASS H + 0.01% STATIC FREE					
						THANK YOU FOR USING BAKER HUGHES, JIM AND CREW					

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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 3000 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
						<u>SERVICE SUPERVISOR SIGNATURE:</u>	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	
Y <input checked="" type="checkbox"/> N		Y <input checked="" type="checkbox"/> N		81	0	Y <input checked="" type="checkbox"/> N	