

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 04-APR-13	F.R. # 1001975603	SERV. SUPV. Justin D Stamper
LEASE & WELL NAME REFFNER 2308 #4-1HN - API 15155216290000	LOCATION 4-23S-8W		COUNTY-PARISH-BLOCK Reno Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # Patterson 264		TYPE OF JOB Liner

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
	Shoe PROVIDED BY CUSTOMER						

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
SealBond Spacer			8.45				40	
50/50(poz/h)+3%salt+.5%f162+.6%sms+.5%f152		367	14.3	1.24	5.54	05:30	81	48.20
Displacement			8.34				105	
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>500</u> Bbl.		TOTAL			<u>226</u>	<u>48.20</u>

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
6.125		8722	4	4.5	11.6	CSG	5087		P-110	8538	8488	
			3.34	4	12.93	DP	3412		S-135			

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		3945	3945						2	1502		

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
105	BBLs	Displacement		8.34	1300					8552	6000	RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: ARRIVE ON LOCATION, RIG UP, WAIT ON RIG

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	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
08:45						ARRIVE ON LOCATION	
10:55						SAFETY MEETING	
11:25	300		3	40	SEAL BND	RIG TO PUMP SEAL BOND	
11:35	6500				WATER	TEST LINES, START SLURRY	
12:10	300		4	81	SLURRY	FINISH SLURRY, SHUT DOWN, WASH PUMP AND LINES, DROP DP DART	
12:15	900		5	15	WATER	CATCH CEMENT	
12:16	500		4	5	WATER	SLOW TO PICK UP WIPER DART	
12:19	450		3	9	WATER	PICK UP WIPER PLUG, BREAK 1100	
12:36	1000		4	68	WATER	SLOW TO BUMP PLUG	
12:40	650		3	10	WATER	BUMP PLUG, PRESSURE TO 1360	
12:50				-5	WATER	BLEED OFF RECIVED .5 BBLs BACK TO TRUCK	
13:08		4500		1.5	WATER	TEST BACK SIDE TO 4500	
13:18				-1.5		BLEED OFF TO TRIP TANK	
						THANK YOU FOR USING BHI	
						JUSTIN STAMPER 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"/> N	1360	<input checked="" type="checkbox"/> N	0	230	0	Y <input checked="" type="checkbox"/> N	