

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 17-JAN-13	F.R. # 1001958240	SERV. SUPV. James Kirkpatrick
LEASE & WELL NAME PREISSER 2509 #8-1 - API 15155216050000	LOCATION 8-25S-9W		COUNTY-PARISH-BLOCK Reno 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	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
Classc0.01%staticfree2%cacl20.25ppscelloflake		100	14.8	1.35	6.34	02:45	25	15.73
H2O			8.34				35.5	
H2O			8.34				20	

Available Mix Water 100 Bbl. Available Displ. Fluid 300 Bbl. **TOTAL** 80.5 15.73

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	503	503	J-55	503	458	

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	8.9

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	
35.5	BBLS	H2O	8.34	200					2815	1525	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 2500 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
22:10	3675				H2O	TEST PUMPS AND LINES, START H2O SPACER AHEAD	
22:15	120		3.4	20	H2O	PUMP H2O AHEAD, START CEMENT @ 14.8#	
22:25	310		3.3	15	CEMENT	PUMP 15 BBL CEMENT, SHUT DOWN, RECIRC LINE CLOGGED, WORK TO GET IT UNCLOGGED, START BACK ON CEMENT	
22:40	145		2.5	25	CEMENT	PUMP @ 25 BBL CEMENT, SHUT DOWN, RECIRC LINE CLOGGED, WORK TO UNCLOG LINE	
23:15	300		4	25	CEMENT	UNCLOG LINE, TRY TO START CEMENT, DE-AIREATOR SYSTEM FOR TUB CAUSING PROBLEMS WITH DRY CEMENT DELIVERY, SHUT DOWN TRY TO CLEAN LINE. COULD NOT GO BACK TO PUMPING CEMENT	
00:10						DECISION WAS MADE TO DROP PLUG AND TRY TO CIRCULATE CEMENT TO SURFACE	
00:15	150		3		H2O	PLUG AWAY, PUMP DISPLACEMENT	
00:30	150		3	35.5	H2O	PUMP DISPLACEMENT, BUMP PLUG, HOLD FOR 10 MINUTES, BLEED PRESSURE OFF, FLOAT HOLDING	
						NO CEMENT RETURNS TO SURFACE, THE DECISION WAS MADE TO DO TOP OUT CEMENT JOB	
08:20	35		1	10	CEMENT	RIG UP FOR TOP OUT AND PUMP TOP OUT CEMENT, 10 BBL PUMPED, CALCULATED FOOTAGE OF CEMENT FROM SURFACE, @ 85', 10 BBL PUMPED TO ACHIEVE CEMENT RETURNS TO SURFACE	
						CLASS C CEMENT + 0.01% STATIC FREE + 2% CaCl2 + 0.25 PPS CELLOFLAKE	
						THANK YOU FOR USING BAKER HUGHES, JIM AND CREW	

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	PIPE	ANNULUS				TEST LINES            2500 PSI	
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BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	<u>SERVICE SUPERVISOR SIGNATURE:</u>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	150	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	7	80.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	