

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 20-FEB-13	F.R. # 1001966008	SERV. SUPV. Jonathan M Schulz
LEASE & WELL NAME YOUNG TRUST 2309 #35-1H - API 1515521613000	LOCATION 35-23S-9W		COUNTY-PARISH-BLOCK Reno Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # Nabors 102		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	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
water			8.34				20	
C + .25pps Celloflake + 2% CaCl2		270	14.8	1.35	6.34	02:45	63	39.55
Water			8.34				24	
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>440</u> Bbl.		TOTAL			<u>107</u>	<u>39.55</u>

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25		346	8.921	9.625	36	CSG	346	346	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.
18.	18	47.	CSG	60	60						9.625	8RD	WATER BASED MU	8.5

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 Tank
24	BBLS	Water	8.34	99					2800	1200	Rig Tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location @ 1700, Spud In, Drill to TD, POOH, Run Casing

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"/>					
17:00						Arrive on location 2/19/2013					
16:16	2500				WATER	test pumps & lines 2/20/2013					
16:18	127		2		WATER	open well/start water spacer ahead					
16:24	121		2	20	WATER	end water ahead/ shutdown/ cant get dry product					
16:48	151		2		SLURRY	start slurry @ 14.8ppg					
17:06	197		3	63	SLURRY	end slurry/ shutdown					
17:11	155		2		WATER	drop TRP/start displacement					
17:18	135		2	16	WATER	circulate cement to surface					
17:24	708		2	24	WATER	bump plug shutdown begin casing test					
17:28	38					leak on stream flo wellhead end test					
						8 bbls of cement return to surface					
						Thanks for using BHI Pressure Pumping					
						Jonathan Schulz & 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 <input type="checkbox"/> N	700	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	8	107	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	