

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 30-DEC-12	F.R. # 1001955728	SERV. SUPV. Jonathan M Schulz
LEASE & WELL NAME NUNEMAKER 2509 #32-1H - API 15155216060000	LOCATION 32-25S-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	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 + 2% CaCl2 + .25pps Celloflake		325	14.8	1.35	6.34	02:45	96	60.27
Water			8.34				37.25	
Available Mix Water <u>400</u> Bbl.		Available Displ. Fluid <u>320</u> Bbl.		TOTAL			<u>153.25</u>	<u>60.27</u>

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	495	495	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	47.4	CSG	60	60					9.625	8RD			

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
37.3	BBLS	Water	8.34	260					2816	1200	Rig Tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: arrive on location @ 1330, Rigging Down BHA, Rig up Casing Crew, F ing Casing, Rig down Casing Crew

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 2294 PSI	
13:30						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
23:01	2294				WATER	arrive on location	
23:05	176				WATER	test pumps & lines	
23:10	194		5	20	WATER	open well/start water spacer ahead	
23:19	68		1	23	SLURRY	end water ahead/start slurry @ 14.8ppg	
23:20	77		1		SLURRY	shutdown/cant get product	
23:24	76		1	36	SLURRY	resume slurry	
23:31	97		4		SLURRY	shutdown/ again delivery problems	
23:47	112		4	96	SLURRY	resume slurry	
23:49	82		3		WATER	end slurry shutdown	
00:01	223		3	37.25	WATER	drop TRP/start displacment	
00:05	0			-125		end displacment/ shutdown/ no bump	
						check floats/ holding/ bbis back	
						approximately 57 bbls of cement to surface	

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"/>	57	153.5	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	