

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 11-JAN-13	F.R. # 1001957965	SERV. SUPV. Justin D Stamper
LEASE & WELL NAME KNORP FARMS 3410 #34-1H - API 1500723923000	LOCATION 34-34S-10W		COUNTY-PARISH-BLOCK Barber Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # Nabors FO1		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	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
WATER			8.34				20	
C+2%CACAL2+.25#CELLOFLK		325	14.8	1.35	6.34	02:30	77.93	49.04
Water			8.34				36	
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>500</u> Bbl.		TOTAL			133.93	49.04

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25		546	8.921	9.625	36	CSG	540	540	J-55	540	499	

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	8.75

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
35.6	BBLS	Water	8.34	150					3160	1500	RIG

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

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 4000 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
08:45						ARRIVE ON LOCATION	
11:00						SAFETY MEETING	
11:38	4000				WATER	TEST LINES, START WATER AHEAD	
11:46	100		4	20	WATER	FINISH WATER, START SLURRY	
12:09	60		4	78	SLURRY	FINISH SLURRY, SHUT DOWN, DROP PLUG AND DISPLACE	
12:18	100		4	25	SLURRY	SLOW TO BUMP PLUG	
12:24	130		3	13	WATER	BUMP PLUG, PRESSURE TO 900	
12:25	0					BLEED OFF RECEIVED .25 BBLS BACK TO TRUCK	
						FLOATS HOLDING	
						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"/> Y <input type="checkbox"/> N	900	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	30	136	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	