

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC		DATE 19-DEC-12	F.R. # 1001953607	SERV. SUPV. Jonathan M Schulz										
LEASE & WELL NAME KOBLOITZ 3409 #33-1H - API 15077218620000		LOCATION 33-34S-9W		COUNTY-PARISH-BLOCK Harper Kansas										
DISTRICT McAlester		DRILLING CONTRACTOR RIG # Nabors 102		TYPE OF JOB Liner										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
		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								8.5				40		
H50:50 + 3%Salt + .6%SMS+ .5%FL-52 +.05%R-3 +.5%				400				14.3	1.24	5.54	03:55	79	47.01	
Displacement								8.34				127		
Available Mix Water _____ Bbl.				Available Displ. Fluid _____ Bbl.				TOTAL				246	47.01	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6.125		9227	4	4.5	11.6	LNR	9227	4730	P-110					
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.
6.4	7	23	CSG	5090	5090						2	1502	WATER BASED MU	9.5
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		
127	BBLS	Displacement		8.34	1600						8600	4500	rig tank	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location @ 930 on 12/18, Rigging up Casing crew, Running ing,Running drill pipe, Wait on Baker Oil Tools liner head,														
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 6303 PSI								
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>								
09:30						Arrive on location 12/18								
06:40				40	SPACER	rig pumps sealbond spacer								
07:05	6303				WATER	test pumps & lines								
07:21	104		3		SLURRY	open well/start slurry @ 14.3ppg								
07:40	257		4	79	SLURRY	end slurry/ shutdown								
07:46					WATER	wash pumjps & lines								
07:54	99		3		WATER	drop TRP/start displacement								
08:01	413		5	41	WATER	bbbs pumped when caught cement								
08:06	1527		4	55	WATER	bbbs of displacement pumped when lactch plug								
08:19	2007		4	127	WATER	bump plug/ end displacement								
08:22	0			-1		check floats/ holding/ bbbs back								
08:26	4507					pressure up to set packer								
08:42	4300					pressure up backside to test								
08:55						turn over to rig								
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	2017	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	246	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N								



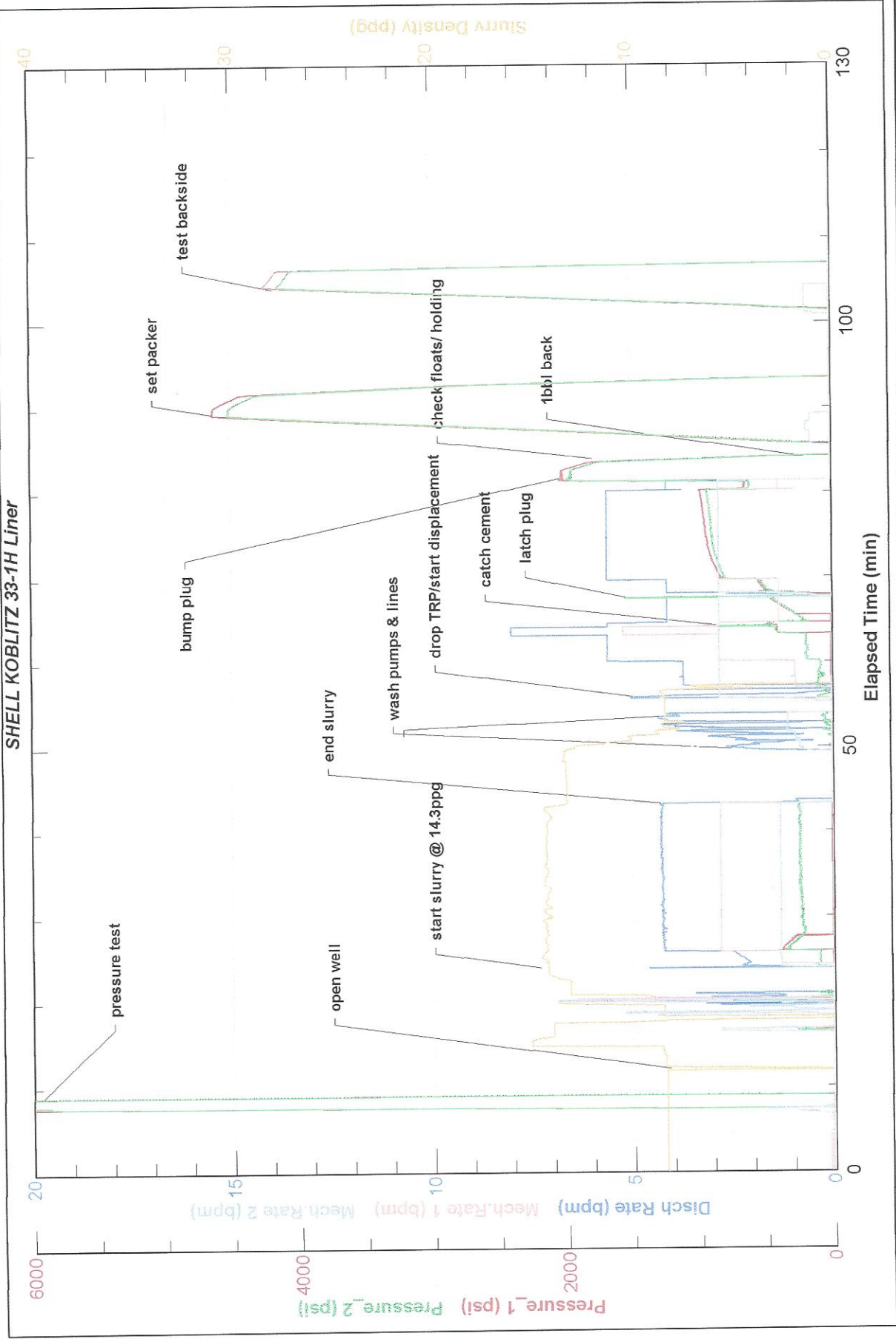
Baker Hughes JobMaster Program Version 3.60

Job Number: 1001953607

Customer: SHELL

Well Name: KOBBLITZ 33-1H

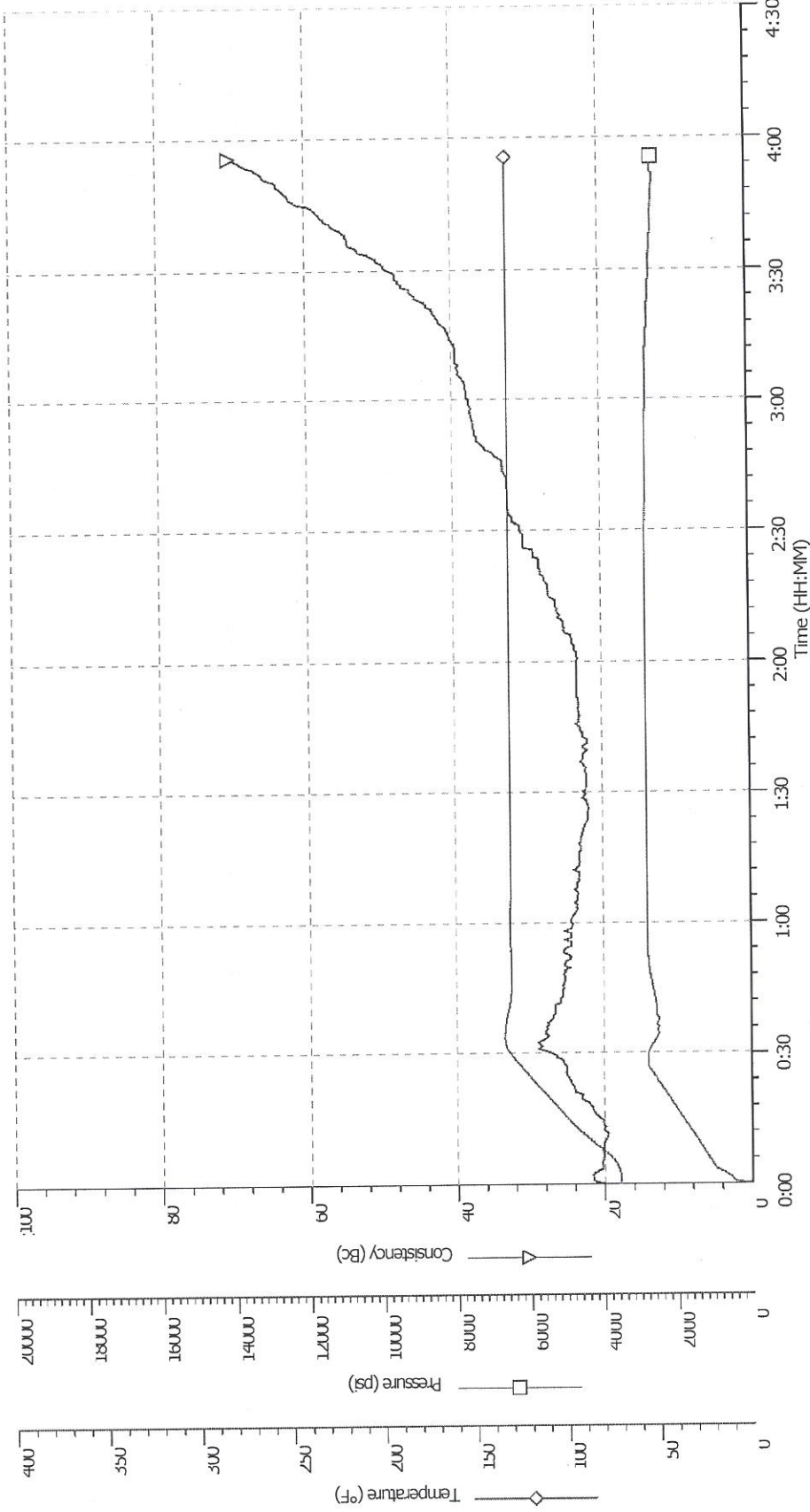
SHELL KOBBLITZ 33-1H Liner



Test Stop: 12/15/2012 7:35:19 PM
70Bc: 3:55:30

Test Start: 12/15/2012 3:40:45 PM

Instrument: 550-2
Customer: Shell Western E&P
Well Id: Koblitz 33-1H



50:50:0 H + 3%Salt+.5%FI-62+.5%FI52A+ .60% SMS +.05%R-3 @ 14.3 ppg

**BAKER
HUGHES**
11041 Nw 10th
Yukon, OK 73099
Ph: 405-354-8861



YUKON DISTRICT Cement Lab Report

Phone: (405) 354-8861 Fax: (405) 350-2727

Test Number: 125102678
Report Number:

Test Date: 12/15/2012

WELL INFORMATION

Operator: Shell Western E&P
API #:
Well Name: Koblitz 33-1H
Slurry Type: Single
Blend Type: Field
Comments:

County: Harper
State: KS
Requested By:
TVD: 4730 MD: 8813
District: Yukon

TEST DATA AND SCHEDULE

Time To Temp (min): 27.92
Initial Press (psi): 390
Final Press (psi): 2600
BHST (deg F): 134
BHCT (deg F): 134
Comments:

Mud Density (lb/gal): 9
Mix Water Density (lb/gal): 8.34
Mix Water Type: Source Water
Surf Temp (deg F): 80
Job Type: Liner

SLURRY AND TEST RESULTS

Vendor: Buzzi

Slurry: 50:50:0 Class H + 3.00% Salt (1.387 lb/sk) + 0.50% FL-52 + 0.50% FL-62 + 0.60% SMS + 0.05% R-3

Density: 14.3 lb/gal
Yield: 1.243 CuFt/sk
Mix Water: 5.545 gal/sk (55.05%)
Total Mix Liquid: 5.545 gal/sk
Fluid Loss: cc/30 min

Pump Time (50 Bc):
Pump Time (70 Bc): 3:55
Pump Time (100 Bc):

Free Water (ml): (Tested at 90 Degrees)

Compressive Strength

Rheology (PL=Power Law, BP= Bingam Plastic)

Temp	Time	Strength	Type	Temp	600	300	200	100	6	3	n'	k'	Yp	Pv	Best
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Comments: