

CEMENT JOB REPORT



CUSTOMER Cotton Limited Liability		DATE 24-DEC-08	F.R. # 225139873	SERV. SUPV. PHILLIP S MULLINS	
LEASE & WELL NAME WERNING #1-38 - API 05123251300000		LOCATION SEC 3 - 4N - 66W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brdgton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Squeeze-Top	

SIZE & TYPE OF PLUGS		LIST-CSI-HARDWARE		PHYSICAL SLURRY PROPERTIES						
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ										
Fresh water				0	8.34	0	0	00:00	5	
Fresh water				0	8.34	0	0	00:00	3	
Premium Lite Cement + additives				330	13.4	1.55	7.87	03:30	89	60.48
Available Mix Water 180 Bbl.		Available Displ. Fluid 177 Bbl.		TOTAL				97 60.48		

HOLE			TBG-CSI-D.P.			COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE
9	0	1500	4.5	11.8	CSG	7450	J-55	

LAST CASING			PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE
8.625	24	CSG	400	No packer	0	0	0	1.315	8RD	WATER BASED MU

DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX YBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	RATED	Operator	RATED	Operator	Transport
3	BBLs	Fresh water	8.34	0	0	0	2980	2000	6224	2000					

Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 6		
Mud Density In: 8.4 LBS/GAL			Circulation Rate: 1 BPM		
Mud Density Out: 0 LBS/GAL			PV & YP Mud In: 0		
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> Units: 0			PV & YP Mud Out: 0		
			Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		

Displacement And Mud Removal					
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>			Amount Bled Back After Job: .25 BBLs		
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL			Method Used to Verify Returns: Visually		
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE			UNABLE DUE TO STUCK PIPE		
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			Quantity: 0		
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID		

Plugs					
Number of Attempts by BJ:		Competition:		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: FT Bottom of Plug: FT	

Squeezes (Update Original Treatment Report for Primary Job)					
BLOCK SQUEEZE <input type="checkbox"/>		SHOE SQUEEZE <input type="checkbox"/>		TOP OF LINER SQUEEZE <input type="checkbox"/>	
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied: Fluid Weight: LBS/GAL	

Casing Test (Update Original Treatment Report for Primary Job)					
Casing Test Pressure: PSI		With LBS/GAL		Mud Time Held: Hours Minutes	

Shoe Test (Update Original Treatment Report for Primary Job)					
Depth Drilled out of Shoe: FT		Target EMW: LBS/GAL		Actual EMW: LBS/GAL	
Number of Times Tests Conducted:		Mud Weight When Test was Conducted: LBS/GAL			

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
N/A

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Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

N/A

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

N/A

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

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	3200 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ
06:30	0	0	0	0	N/A	Pre rig up safety meeting	
09:00	0	0	0	0	N/A	Pre job safety meeting	
09:37	3200	0	0	0	WATER	Pressure test pumps and line	
09:39	890	0	1	5	WATER	Spacer	
09:45	1259	0	1	45	CEMENT	Batchup and pump 165 sks of PLC+ 3% gel @ 13.4#	
10:30	1200	0	1	2	WATER	Displace	
10:32	0	0	0	0	N/A	Pull pipe	
11:13	790	0	1	44	CEMENT	Batchup and pump 165 sks of PLC+ 3% gel @ 13.4#	
11:57	760	0	1	1	WATER	Displace	
11:58	0	0	0	0	N/A	Stop service	
12:05	0	0	0	0	N/A	Post job rig down safety meeting	
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 checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	10	97	0	Y <input checked="" type="checkbox"/> N	