

CEMENT JOB REPORT



CUSTOMER		NOBLE ENERGY INC - XML		DATE		24-AUG-12		F.R. #		1001931376		SERV. SUPV.		REESE A ANDERSON															
LEASE & WELL NAME				LOCATION				COUNTY-PARISH-BLOCK																					
SPIKE STATE D #16-10 - API 05123159120000				16-3N-64W				Weid Colorado																					
DISTRICT				DRILLING CONTRACTOR RIG #				TYPE OF JOB																					
Bridgton				W/O				Squeeze-Top																					
SIZE & TYPE OF PLUGS		No Shoe		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD		TVD		HANGER TYPES		MD															
												PHYSICAL SLURRY PROPERTIES																	
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		SACKS OF CEMENT		SLURRY WGT PPG		SLURRY YLD FT ³		WATER GFS		PUMP TIME HR:MIN		Bbl Slurry		Bbl MIX WATER											
Fresh Water								8.34						03:30		1													
Treated Water								8.3								20													
Cement Slurry						428		15.8		1.15		5.00		04:00		87.7		51.05											
Available Mix Water				150		Bbl.		Available Displ. Fluid		150		Bbl.		TOTAL		108.7		51.05											
HOLE												TBG-CSG-D.P.				COLLAR DEPTHS													
SIZE		% EXCESS		DEPTH		ID		OD		WGT.		TYPE		MD		TVD		GRADE		SHOE		FLOAT		STAGE					
12				660		2.922		3.5		9.3		CSG		660		660		N-80											
LAST CASING												PKR-CMT RET-BR PL-LINER				PERF. DEPTH				TOP CONN				WELL FLUID					
ID		OD		WGT		TYPE		MD		TVD		BRAND & TYPE		DEPTH		TOP		BIT		SIZE		THREAD		TYPE		WGT.			
8.1		8.63		24		CSG		415		415		NO PACKER		0		0		0		1.66		8 RD		WATER BASED		8.4			
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						TRANSPO			
1		BBLs						0		0		0		0		0		0		0		2000		T					
Circulation Prior to Job																													
Circulated Well:				Rig		<input checked="" type="checkbox"/>		BJ		<input type="checkbox"/>		Circulation Time: 1				Circulation Rate: 2 BPM													
Mud Density In:				8.4 LBS/GAL		Mud Density Out:				8.4 LBS/GAL		PV & YP Mud In: 0				PV & YP Mud Out: 0													
Gas Present:				NO		<input checked="" type="checkbox"/>		YES		<input type="checkbox"/>		Units:				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:				0 BBLs													
Returns During Job:				<input type="checkbox"/>		NONE		<input type="checkbox"/>		PARTIAL		<input checked="" type="checkbox"/>		FULL		Method Used to Verify Returns: VISUAL													
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 checked="" type="checkbox"/>		X		NO		<input type="checkbox"/>		YES		Quantity:				Type:				<input type="checkbox"/>		BOW		<input type="checkbox"/>		RIGID	
Job Pumped Through:				<input type="checkbox"/>		CHOKE MANIFOLD		<input type="checkbox"/>		SQUEEZE MANIFOLD		<input type="checkbox"/>		MANIFOLD		<input type="checkbox"/>		NO MANIFOLD											
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"/>		X		NO		<input type="checkbox"/>		YES		Parabow Used:				<input checked="" type="checkbox"/>		X		NO		<input type="checkbox"/>		YES			
Was There a Bottom:				<input checked="" type="checkbox"/>		X		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"/>		PLANNED		<input type="checkbox"/>		UNPLANNED				<input type="checkbox"/>							
Liner Packer:				<input checked="" type="checkbox"/>		X		NO		<input type="checkbox"/>		YES		Bond Log:				<input checked="" type="checkbox"/>		X		NO		<input type="checkbox"/>		YES			
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																					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE																													

CEMENT JOB REPORT



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

NONE

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

NONE

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

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	1111 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
06:00	0	0	0	0	NA	YARD CALL		
08:30	0	0	0	0	NA	LEAVE YARD		
10:00	0	0	0	0	NA	ARRIVE ON LOCATION		
10:00	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIG UP		
10:51	0	0	0	0	NA	SAFETY MEETING		
11:11	4777	0	0	0	H2O	PRESSURE TEST		
11:20	78	0	1	1	H2O	PRE FLUSH		
11:20	772	0	1.6	61	CMT	428 SACKS 15.8 PPg CEMENT		
11:50	48	0	1.6	1	H2O	DISPLACEMENT		
11:58	0	0	0	0	NA	PRE RIG DOWN MEETING/RIG DOWN		
12:34	0	0	0	0	NA	LEAVE LOCATION		
BUMPED PLUG						PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	2	63	0	<input type="checkbox"/> <input checked="" type="checkbox"/>	<i>Reese Anderson</i>

X