

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 09-SEP-12	F.R. # 1001934082	SERV. SUPV. CHRISTOPHER M MCKEON															
LEASE & WELL NAME TWO MILE #15-1033AH - API 05123348770000		LOCATION 15-11N-57W		COUNTY-PARISH-BLOCK Weld Colorado															
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 21		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		Cement Basket, Slip On, 9-5/8 in																	
		Centralizer, with Pins, 9-5/8 in																	
		Float Collar, Pop Valve, 9-5/8 - 8rd																	
		Guide Shoe, Cement Nose, 9-5/8 in																	
MATERIALS FURNISHED BY BJ				LAB REPORT NO.				PHYSICAL SLURRY PROPERTIES											
Fresh water				0				8.34		0		0		00:00		20			
Type III + 1% CaCl ₂ + .25CF				693				14.5		1.40		6.81		01:30		173.01		112.32	
Fresh water				0				8.34		0		0		00:00		112.87			
Available Mix Water 200 Bbl.				Available Displ. Fluid 200 Bbl.				TOTAL				305.88		112.32					
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS										
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE							
13.5	30	1548	8.921	9.625	36	CSG	1531	1531	J-55	1531	1483								
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.						
14.			OPEN HOLE			No packer		0	0	9.625	8RD	WATER BASED	9.6						
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									
114.5	BBLS	Fresh water	8.34	469	0	0	0	0	2816	1500					Rig Tank				
Circulation Prior to Job																			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 5 BPM											
Mud Density In: 9.6 LBS/GAL				Mud Density Out: 9.6 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: 1 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 <input type="checkbox"/> UNABLE DUE TO STUCK PIPE																			
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 10				Type: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID											
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD																			
Plugs																			
Number of Attempts by BJ: 0				Competition: 0				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: 0 FT				Bottom of Plug: 0 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"/> NO <input type="checkbox"/> YES				Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				PSI Applied: 0				Fluid Weight: 0 LBS/GAL							
Casing Test (Update Original Treatment Report for Primary Job)																			
Casing Test Pressure: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes											
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NA																			

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Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

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

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

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

PRESSURE/RATE DETAIL

EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION			
	PIPE	ANNULUS				SAFETY MEETING: BJ CREW	<input checked="" type="checkbox"/>	CO. REP.	<input checked="" type="checkbox"/>
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ	<input type="checkbox"/>
20:00	0	0	0	0	NA	Arrive location			
20:10	0	0	0	0	NA	Spot trucks			
20:15	0	0	0	0	NA	Rig up safety meeting			
21:00	0	0	0	0	NA	Pre job safety meeting			
21:23	1710	0	0	0	H2O	Low pressure test			
21:25	4120	0	0	0	H2O	High pressure test			
21:30	153	0	5	20	H2O	Fresh water			
21:43	175	0	4.5	161	CMT	Batch up, weigh and pump 693 sx. Type III Cement			
22:30	0	0	0	0	NA	Drop plug			
22:32	543	0	6	75	H2O	Start displacement			
22:44	687	0	5	20	H2O	Rate change			
22:50	707	0	3.6	5	H2O	Rate change			
22:52	695	0	2.4	14.5	H2O	Rate change			
22:56	722	0	2.4	114.5	H2O	Bump plug/ Check float			
22:58	784	0	2.4	0	H2O	Bump plug/ Check float			
23:00	1601	0	0	0	NA	Plug down			
23:05	0	0	0	0	NA	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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	722	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10	295.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

