

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 14-AUG-12	F.R. # 1001928939	SERV. SUPV. CHRISTOPHER M MCKEON										
LEASE & WELL NAME WILDHORSE #02-0214H - API 05123355000000		LOCATION 2-9N-59W		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										
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
Fresh water				0	8.34	0	0	00:00	15					
TypeIII+1%CaCl+.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				300.88	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	1545	8.921	9.625	36	CSG	1535	1535	J-55	1535	1493			
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	8.5
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			
115	BBLs	Fresh water		8.34	472	0	0	0	0	2816	2000	Rig Tank		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1.5				Circulation Rate: 6 BPM							
Mud Density In: 8.5 LBS/GAL			Mud Density Out: 8.5 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: .75 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	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>			
	PIPE	ANNULUS				TEST LINES 2267 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
17:40	0	0	0	0	NA	Arrive location			
17:50	0	0	0	0	NA	Spot trucks			
17:55	0	0	0	0	NA	Rig up safety meeting			
18:20	0	0	0	0	NA	Pre job safety meeting			
18:43	900	0	0	0	H2O	Low pressure test			
18:45	2267	0	0	0	H2O	High pressure test			
18:46	37	0	5	10	H2O	Fresh water			
18:50	42	0	5	10	H2O	Dyed water			
18:55	128	0	5.5	172	CMT	Batch up, weigh and pump 693 sx. Type III Cement @ 14.5 ppg.			
19:34	0	0	0	0	NA	Drop plug			
19:37	38	0	5	15	H2O	Start displacement			
19:40	378	0	7.2	45	H2O	Rate change			
19:47	381	0	6	10	H2O	Rate change			
19:48	557	0	4.8	30	H2O	Rate change			
19:55	529	0	3.6	5	H2O	Rate change			
19:58	569	0	2.4	10	H2O	Rate change			
20:02	582	0	2.4	115	H2O	Bump plug			
20:05	1147	0	0	0	NA	Plug down/ Check float- Did not hold			
20:06	1071	0	2.4	2	H2O	Bump plug/ Hold 5 min./ Check float- Holding			
20:11	0	0	0	0	NA	Shut in manifold with 0 pressure as back up to float.			
20:12	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	582	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	23	307	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

