

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 31-MAY-12	F.R. # 1001912591	SERV. SUPV. CHRISTOPHER M MCKEON	
LEASE & WELL NAME H-Y 29-21-4 - API 05123354310000		LOCATION 29-6N-67W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 25		TYPE OF JOB Long String	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES MD TVD
Cement Plug, Rubber, Top 4-1/2 In	Cement Basket, Slip On, 4-1/2 In				
	Float Collar, Auto Fill, 4-1/2 - 8rd				
	Float Shoe 4-1/2 - 8rd				
	Centralizer, with Pins, 4-1/2 In				
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
ClayCare Water		0	8.34	0	0
50:50 Poz+3%CD32+4%FL52+1%SMS+20%SF		295	14.6	1.38	5.90
ClayCare Water		0	8.34	0	0
Mud Clean II		0	8.5	0	0
ClayCare Water		0	8.34	0	0
PL+6%SMS+8#/skCSE2		290	11	3.22	19.86
Available Mix Water 400 Bbl.	Available Displ. Fluid 400 Bbl.	TOTAL		412.77	178.18
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
7.875	20	7404	4	4.5	11.6
		TYPE	MD	TVD	GRADE
		CSG	7374	7374	N-80
		SHOE	7374		
		FLOAT	7360		
		STAGE			
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
8.1	8.63	24	CSG	854	850
		BRAND & TYPE		DEPTH	
		No packer		0	
				0	
				4.5	
				8RD	
				WATER BASED	
				9.2	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
114	BBLS	ClayCare Water	8.34	1105	0
				0	
				0	
				0	
				6224	
				3000	
				Rig Tank	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 9.2 LBS/GAL			Mud Density Out: 9.2 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO			Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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: 30		
			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	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NA					

CEMENT JOB REPORT



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

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 4266 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
04:49	0	0	0	0	NA	Arrive location			
04:55	0	0	0	0	NA	Rig up safety meeting			
05:45	0	0	0	0	NA	Pre job safety meeting			
05:58	3515	0	0	0	H2O	Low pressure test			
05:59	4266	0	0	0	H2O	High pressure test			
06:05	650	0	7.2	20	H2O	ClayCare			
06:09	750	0	7.2	20	H2O	Mud Clean II			
06:12	788	0	7.2	20	H2O	ClayCare			
06:14	225	0	7.5	166	CMT	Batch up, weigh and pump 290 sx. PLC + 4% Bentonite + 0.6% SMS + 8 lbs/sack CSE-2 @ 11.0 ppg			
06:36	201	0	5.1		CMT	Batch up, weigh and pump 295 sx. 50/50 Poz (Fly Ash) Class G Cement + 0.3% CD-32 + 0.4% FL-52 + 0.1% SMS + 20% S-8 @ 14.6 ppg			
06:57	0	0	0	0	NA	Drop plug/ wash up			
07:03	650	0	7.2	80	H2O	Start ClayCare displacement			
07:15	825	0	6	10	H2O	Rate change			
07:17	949	0	4.8	10	H2O	Rate change			
07:19	1024	0	3.8	5	H2O	Rate change			
07:20	1174	0	2.4	9	H2O	Rate change			
07:23	1199	0	2.4	114	H2O	Bump plug			
07:25	2556	0	0	0	NA	Plug down			
07:27	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	1199	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	415	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

