

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS		DATE 23-OCT-12	F.R. # 1001942995	SERV. SUPV. RYAN SULLIVAN	
LEASE & WELL NAME HEMBERGER 2-26-34-8-60 - API 05123358120000		LOCATION 26-8N-60W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme #19		TYPE OF JOB Surface	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS	
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Centralizer, with Pins, 9-5/8 in			
		Float Collar, Ball Valve, 9-5/8 - 8rd			
		Float Shoe 9-5/8 - 8rd			
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES	
				SACKS OF CEMENT	SLURRY WGT PPG
Fresh Water + 2 lbs Red Dye		N/A		0	8.34
Type III Cement + adds				138	14.5
Premium Lite Cement + adds				417	13
Fresh Water		N/A		0	8.34
Fresh Water		N/A		0	8.34
Available Mix Water 200 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL 290.7 113.84	
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
12.25	100	1415	8.921	9.625	36
				CSG	
				1397	
				1397	
				K-55	
				1397	
				1355	
				0	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
15.	16	65		70	70
		No packer		0	
				0	
				0	
				9.625	
				8RD	
				WATER BASED	
				8.7	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
104.8	BBLS	Fresh Water	8.34	366	0
				0	
				0	
				0	
				1616	
				1400	
				Rig	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1		Circulation Rate: 6 BPM	
Mud Density In: 8.7 LBS/GAL		Mud Density Out: 8.7 LBS/GAL		PV & YP Mud In: 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: .5 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Quantity: 14		Type: <input 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	
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"/>	
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: None					

CEMENT JOB REPORT



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)
 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)
 Floats leaking by, shut-in cement head @ 260 psi per customer request.

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	2920 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
07:00	0	0	0	0	N/A	Arrive on location, 80 miles, rig starting to run casing, wait for casing crew to move before spotting trucks	
11:20	0	0	0	0	N/A	Casing crew off location, spot trucks on location, pre-rig up safety meeting	
12:00	0	0	0	0	N/A	Pre-job safety meeting	
12:22	1146	0	0	0	WATER	Low pressure test	
12:24	2920	0	0	0	WATER	High pressure test	
12:26	98	0	4.8	10	WATER	Freshwater	
12:30	101	0	4.8	10	WATER	Dyed water	
12:34	180	0	5	131	CEMENT	Batch-up, weigh, & pump 417 sx of PLC + 0.08% Static Free + 3%CaCl + 0.25 lbs/sk Cello Flake + 6% Bentonite @ 13 ppg	
13:03	158	0	4.1	32	CEMENT	Mix, weigh, & pump 138 sx of Type III cement + 0.08 lbs/sk Static Free + 1% CaCl + 0.25 lbs/sk Cello Flake @ 14.5 ppg	
13:11	0	0	0	0	N/A	Release plug	
13:16	242	0	4.8	90	WATER	Displace	
13:35	420	0	2.4	13	WATER	Rate change	
13:41	468	0	2.4	103	WATER	Bump plug to 1154 psi, 0.5 bbls bled back, floats held, 60 bbls cement to surface	
13:48	260	0	0	0	WATER	Floats leaking by, shut-in @ 260 psi, per customer request	
13:50	0	0	0	0	N/A	Pre-rig down safety meeting	
14:30	0	0	0	0	N/A	Leave location	
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	468	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	60	286	260	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

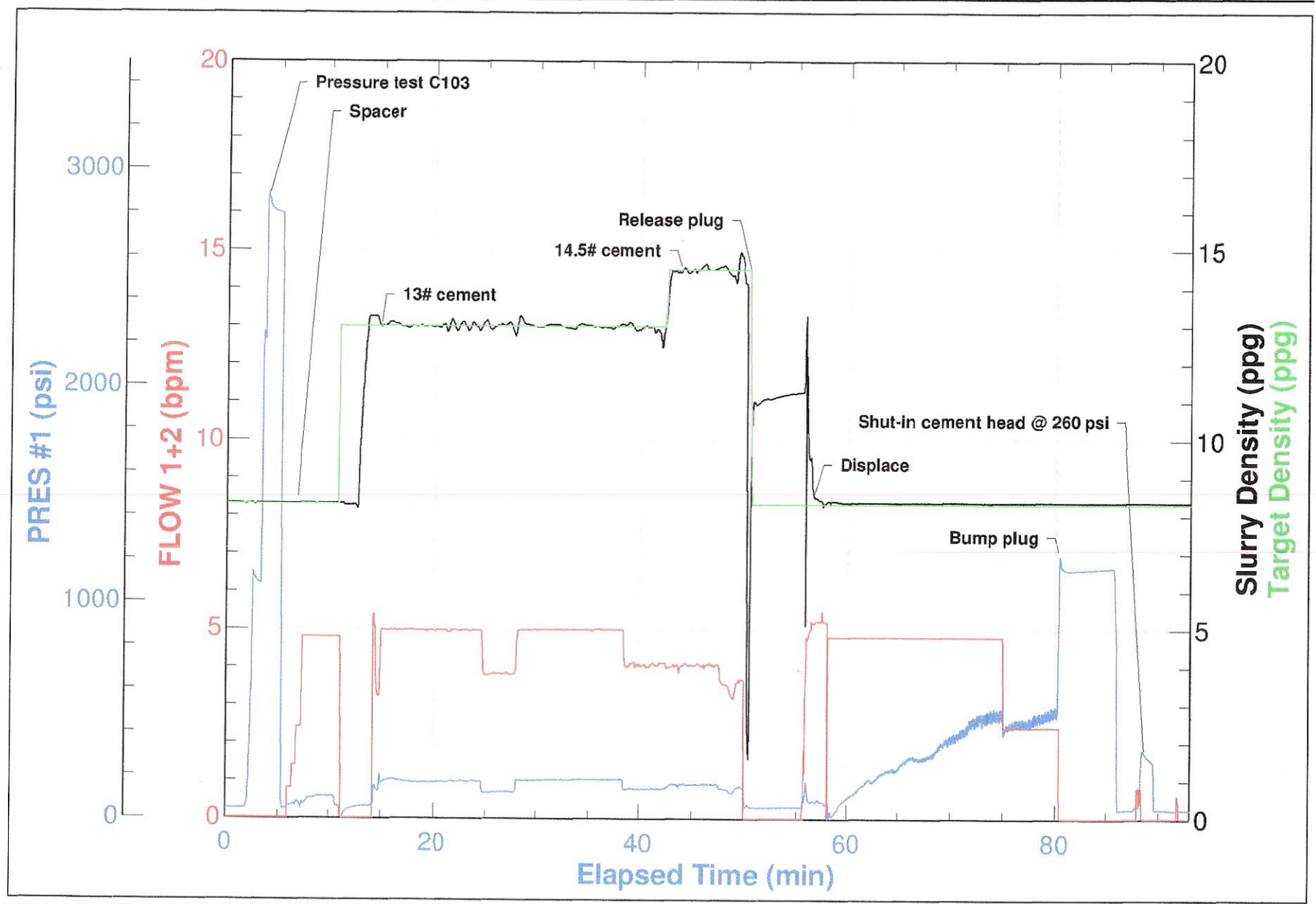


BJ Services JobMaster Program Version 3.50

Job Number: 1001942995

Customer: Carrizo

Well Name: Hemberger 2-26-34-8-60





FIELD RECEIPT NO. 1001942995

CUSTOMER				CARRIZO OIL & GAS				CREDIT APPROVAL NO.				PURCHASE ORDER NO.				CUSTOMER NUMBER				INVOICE NUMBER			
MAIL INVOICE TO :				STREET OR BOX NUMBER				CITY				STATE				ZIP CODE							
				1000 LOUISIANA ST, STE 1699				Houston				Texas				77002							
DATE WORK MO.		DAY		YEAR		BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :													
COMPLETED 10		23		2012		RYAN SULLIVAN		05123358120000		New Well													
DISTRICT								JOB DEPTH(ft)				WELL CLASS :											
BJS, BRIGHTON								1,397				Oil											
WELL NAME AND NUMBER								TD WELL DEPTH(ft)				GAS USED ON JOB :											
HEMBERGER 2-26-34-8-60								1,415				No Gas											
WELL LOCATION :				LEGAL DESCRIPTION				COUNTY/PARISH				STATE				JOB TYPE CODE :							
				26-8N-60W				Weld				Colorado				Surface							
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT		% DISC.		NET AMOUNT									
100112		Calcium Chloride		lbs		✓ 1219		1.290		1,572.51		65%		550.38									
100120		Bentonite		lbs		✓ 2177		0.530		1,153.84		65%		403.83									
100295		Cello Flake		lbs		✓ 140		5.100		714.00		65%		249.90									
398224		Premium Lite Cement		sacks		✓ 417		27.650		11,530.05		65%		4,035.52									
488019		FP-8L		gals		✓ 5		104.250		521.25		65%		182.44									
498632		Granulated Sugar		lbs		✓ 100		3.840		384.00		65%		134.40									
498680		Static Free		lbs		✓ 41		40.700		1,668.70		65%		584.05									
499703		Type III Cement		sacks		✓ 138		31.700		4,374.60		65%		1,531.11									
		SUB-TOTAL FOR Product Material								21,918.92		65.00%		7,671.63									
A152		Personnel Per Diam Chrg - Cement Svc		ea		1		210.000		210.00		0%		210.00									
M100		Bulk Materials Blending Charge		cu ft		626		5.450		3,411.70		65%		1,194.10									
R788		Automatic Density System		job		1		1,990.000		1,990.00		65%		696.50									
		SUB-TOTAL FOR Service Charges								5,611.70		62.57%		2,100.60									

ARRIVE MO.		DAY		YEAR		TIME		SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.		SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.	
LOCATION :		10		23		2012		07:00			
CUSTOMER REP.		Bob McNeese								CUSTOMER AUTHORIZED AGENT	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS										BHI APPROVED	
										X	



FIELD RECEIPT NO. 1001942995

CUSTOMER		CARRIZO OIL & GAS		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL INVOICE TO:		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
DATE WORK MO. DAY YEAR		BHI REPRESENTATIVE		WELL API NO:		WELL TYPE:		WELL CLASS:			
COMPLETED 10 23 2012		RYAN SULLIVAN		05123358120000		New Well		Oil			
DISTRICT		JOB DEPTH(ft)		TD WELL DEPTH(ft)		GAS USED ON JOB:		JOB TYPE CODE:			
BJS, BRIGHTON		1,397		1,415		No Gas		Surface			
WELL NAME AND NUMBER		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:			
HEMBERGER 2-26-34-8-60		26-8N-60W		Weld		Colorado					
WELL LOCATION:		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:			
J401		26-8N-60W		Weld		Colorado					
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT				
F055A	Cement Pumping, 1001 - 2000 ft	4hrs	1	4,875.00	4,875.00	65%	1,706.25				
F088	Cement Pumping, Additional hrs	hrs	4	900.00	3,600.00	65%	1,260.00				
F090	Fuel per pump charge - cement	pump/hr	4	70.25	281.00	0%	281.00				
J050	Cement Head	job	1	830.00	830.00	65%	290.50				
J225	Data Acquisition, Cement, Standard	job	1	2,130.00	2,130.00	65%	745.50				
J390	Mileage, Heavy Vehicle	miles	160	11.85	1,896.00	65%	663.60				
J391	Mileage, Auto, Pick-Up or Treating Van	miles	160	6.70	1,072.00	65%	375.20				
	SUB-TOTAL FOR Equipment				14,684.00	63.76%	5,322.05				
	Bulk Delivery, Dry Products	ton-mi	2118	3.94	8,344.92	65%	2,920.72				
	SUB-TOTAL FOR Freight/Delivery Charges				8,344.92	65.00%	2,920.72				
	FIELD ESTIMATE				50,559.54	64.37%	18,015.00				

ARRIVE MO. DAY YEAR TIME

LOCATION: 10 23 2012 07:00

CUSTOMER REP. Bob McNeese

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CUSTOMER AUTHORIZED AGENT

BHI APPROVED

WELL: HEMBERGER 2-26-34-8-60

Code: 312-218

Amount Approved: 18,015.00

Approved By: [Signature]