

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS		DATE 15-JUL-12	F.R. # 1001922678	SERV. SUPV. COLE W MARRIOTT	
LEASE & WELL NAME HEMBERGER 3-26-34-8-60 - API 05123358140000		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	MD TVD HANGER TYPES MD TVD
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Float Collar, Dif Fill, 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	SLURRY YLD FT ³
Fresh Water + 2 lbs Red Dye	0	0	8.34	0	0
Type III Cement + adds	0	138	14.5	1.40	6.81
Premium Lite Cement + adds	0	417	13	1.77	9.20
Fresh Water	0	0	8.34	0	0
Available Mix Water	600	Bbl.	Available Displ. Fluid	200	Bbl.
TOTAL				288.95	113.71
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
12.25	100	1420	8.921	9.625	36
			CSG		1440
					1440
					J-55
					1409
					1363
					0
LAST CASING		PKR-CMT RET-BR PL-LINER			PERF. DEPTH
ID	OD	WGT	TYPE	MD	TVD
15.	16	65		70	70
		BRAND & TYPE			DEPTH
		No packer			0
					0
					0
					9.625
					8RD
					WATER BASED
					8.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
105.4	BBLS	Fresh Water	8.34	294	0
					0
					0
					0
					2816
					1500
					Rig
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 8.4 LBS/GAL			Mud Density Out: 8.4 LBS/GAL		
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: 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: 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			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: None					
PRESSURE/RATE DETAIL			EXPLANATION		

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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)
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 None

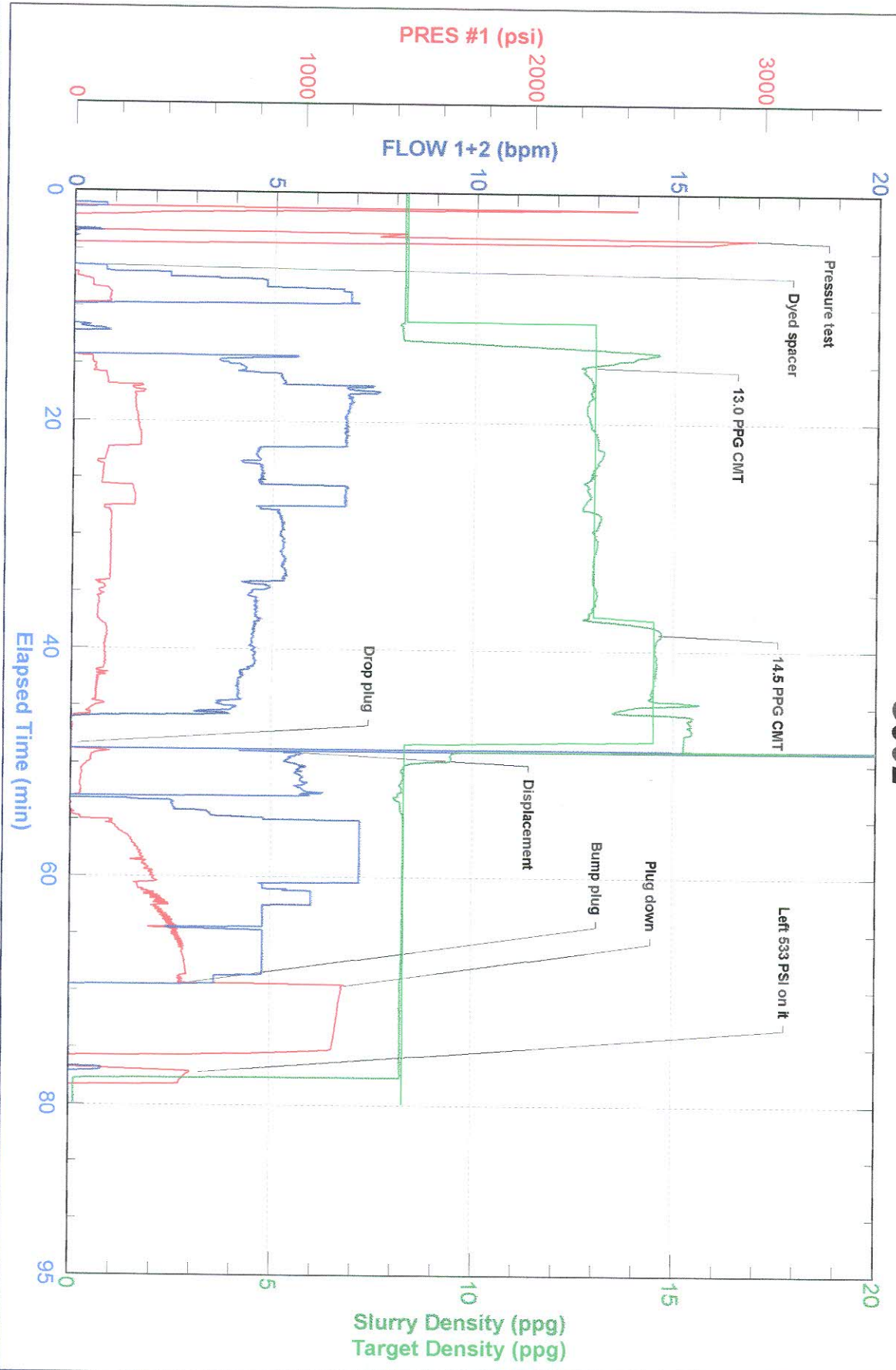
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 None

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	2999 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
22:45	0	0	0	0	N/A	Arrive on location 79 miles	
23:00	0	0	0	0	N/A	Spot trucks rig running landing joint	
23:10	0	0	0	0	N/A	Pre rig up safety meeting	
23:45	0	0	0	0	N/A	Pre job safety meeting	
00:22	2999	0	0	0	H2O	Pressure test	
00:27	150	0	6.5	15	H2O	Dyed spacer	
00:32	167	0	6.7	130	CMT	Batch up weigh and pump 417 sxs of PLC + 0.08% bwoc Static Free + 3% bwoc Calcium Chloride + 0.25% lbs/sack Cello Flake + 6% bwoc Gel	
00:58	151	0	4.5	33	CMT	Batch up weigh and pump 138 sxs of Type III Cement + 0.08% lbs/sack Static Free + 1% bwoc Calcium Chloride + 0.25% lbs/sack Cello Flake	
01:08	0	0	0	0	N/A	Drop plug	
01:10	384	0	7.2	70	MUD	Displacement	
01:22	367	0	6	20	MUD	Slow rate	
01:23	434	0	4.8	10	MUD	Slow rate	
01:30	505	0	3.6	5	MUD	Bump plug	
01:30	1186	0	0	0	N/A	Plug down	
01:37	533	0	2.4	0	H2O	Left 533 PSI on casing	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 505	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 62	TOTAL BBL. PUMPED 283	PSI LEFT ON CSG 533	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature:



BJ Services JobMaster Program Version 3.50
Job Number: 1001922678
Customer: Carrizo
Well Name: Hemberger 3-26-34-8-60

C992



FIELD RECEIPT NO. 1001922678



CUSTOMER		CARRIZO OIL & GAS		CREDIT APPROVAL NO.	PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE		
INVOICE TO :		1000 LOUISIANA ST, STE 1699		Houston		Texas		77002		
DATE WORK COMPLETED	MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE :				
07	15	2012	22:45	COLE W MARRIOTT	05123358140000	New Well				
DISTRICT				JOB DEPTH (ft)		WELL CLASS :				
BJS, BRIGHTON				1,409		Oil				
WELL NAME AND NUMBER				TD WELL DEPTH (ft)		GAS USED ON JOB :				
HEMBERGER 3-26-34-8-60				1,420		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	1,153.81	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-6L			gals	5	104.250	521.25	65%	182.44	
499632	Granulated Sugar			lbs	100	3.840	384.00	65%	134.40	
499680	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	
86720-1	9-5/8" Top Cem Plug, Nitrile cvr, Phen			ea	1	404.000	404.00	65%	141.40	
SUB-TOTAL FOR Product Material					1		22,322.92	65.00%	7,813.03	
A152	Personnel Per Diem 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	
R798	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	
<p>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.</p> <p>LOCATION : 07 14 2012 22:45</p> <p>CUSTOMER REP. Bob McNeese</p> <p>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</p> <p>CUSTOMER AUTHORIZED AGENT</p> <p>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</p> <p>CUSTOMER AUTHORIZED AGENT</p> <p>BHI APPROVED</p>										

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MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE		
INVOICE TO :		1000 LOUISIANA ST, STE 1699		Houston		Texas		77002		
DATE WORK COMPLETED	MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE :				
07	15	2012		COLE W MARIOTT	05123358140000	New Well				
DISTRICT				JOB DEPTH (ft)		WELL CLASS :				
BJS, BRIGHTON				1,409		Oil				
WELL NAME AND NUMBER				TD WELL DEPTH (ft)		GAS USED ON JOB :				
HEMBERGER 3-26-34-8-60				1,420		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
F055A	Cement Pumping, 1001 - 2000 ft	4hrs	1	4,875.000	4,875.00	65%	1,706.25
F090	Fuel per pump charge - cement	pump/hr	4	70.250	281.00	0%	281.00
J050	Cement Head	job	1	830.000	830.00	65%	290.50
J225	Data Acquisition, Cement, Standard	job	1	2,130.000	2,130.00	65%	745.50
J390	Mileage, Heavy Vehicle	miles	158	11.850	1,872.30	65%	655.31
J391	Mileage, Auto, Pick-Up or Treating Van	miles	158	6.700	1,058.60	65%	370.51
SUB-TOTAL FOR Equipment					11,046.90	63.35%	4,049.07
Bulk Delivery, Dry Products			ton-mi				
SUB-TOTAL FOR Freight/Delivery Charges				2091	3.940	65%	2,883.49
FIELD ESTIMATE							
					47,220.06	64.32%	16,846.19

Well: Hemberger 3-26-34-8-60
 AFE: 312-120
 Code: 160-110
 Description: Cement Surface 8th
 Amount Approved: ALL

APPROVED BY: Bob McNeese
 LOCATION: MO. 07 DAY 14 YEAR 2012 TIME 22:45

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SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT [Signature]

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER AUTHORIZED AGENT [Signature]

BHI APPROVED [Signature]