

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS		DATE 27-OCT-12	F.R. # 1001944006		SERV. SUPV. JASON L SJOBERG	
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 Intermediate		

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
7" Top Cem Plug, Nitrile cvr, Phen	Guide Shoe, Cement Nose, 7 in	None	0	0	None	0	0
	Float Collar, Auto Fill, 7 - 8rd						
	Centralizer, with Pins, 7 in						
	Cement Basket, Slip On, 7 in						

PHYSICAL SLURRY PROPERTIES									
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
Drilling Mud + Biocide	0	0	9.5	0	0	00:00	0		
Fresh Water	0	0	8.33	0	0	00:00	10		
SealBond Spacer	0	0	8.4	0	0	00:00	40		
Premium Lite Cement + adds	0	391	12.5	1.94	10.65		135.22	99.11	
50/50 (Poz/Class G Cement) + adds	0	139	13.5	1.71	8.30		42.40	27.47	
Drilling Mud	0	0	9.6	0	0	00:00	242.35		
Available Mix Water 450 Bbl.		Available Displ. Fluid 450 Bbl.		TOTAL		469.97		126.58	

HOLE			TBG-CSG-D.P.					COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75	0	6240	6.366	7	23	CSG	6226	6226	N-80	6226	6137	0

LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID		
ID	OD	WGT	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
8.9	9.63	36	CSG	1397	1397	No Packer	0	0	0	7	8RND	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	
241	BBLS	Drilling Mud	9.6	994	0	0	0	0	5072	3000	Rig

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 2 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 ☒ YES ☐ Units: Solids Present at End of Circulation: NO ☒ YES ☐

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: 1.5 BBLS
 Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL Method Used to Verify Returns: Visual
 Cement Returns at Surface: ☒ YES ☐ NO Were Returns Planned at Surface: ☐ NO ☒ YES
 Pipe Movement: ☐ ROTATION ☐ RECIPROCATION ☒ NONE ☐ UNABLE DUE TO STUCK PIPE
 Centralizers: ☐ NO ☒ YES Quantity: 50 Type: ☒ BOW ☐ RIGID
 Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 Wiper Balls Used: ☒ NO ☐ YES Quantity:
 Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES
 Was There a Bottom: ☒ NO ☐ YES Top of Plug: 0 FT Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☐ UNPLANNED ☐
 Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ YES PSI Applied: 0 Fluid Weight: 0 LBS/GAL

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

CEMENT JOB REPORT



Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 1676 PSI With 9.6 LBS/GAL Mud Time Held: 00 Hours 15 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)
 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	4538 PSI		
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ	<input type="checkbox"/>
06:30	0	0	0	0	N/A	Yard Call			
10:15	0	0	0	0	N/A	Leave Yard			
12:15	0	0	0	0	N/A	Arrive on Location			
12:20	0	0	0	0	N/A	Spot Trucks			
12:30	0	0	0	0	N/A	Pre Rig-up Safety Meeting			
13:25	0	0	0	0	N/A	Safety Meeting			
13:56	4538	0	0	0	H2O	Pressure Test			
13:59	663	0	5.6	10	H2O	Preflush Fresh Water			
14:02	307	0	5.6	40	H2O	Preflush Sealbond			
14:17	376	0	5.6	135	CMT	Batch, Weigh, Pump 12.5# Premium Lite Cement + adds			
14:46	206	0	5.6	206	CMT	Pump 13.5# 50/50 (Poz/Class G Cement) + adds			
15:00	0	0	0	0	N/A	Drop Plug			
15:03	89	0	5	220	MUD	Displacement			
15:47	1176	0	4.1	10	MUD	Drop Rate			
15:49	1169	0	3.6	12	MUD	Drop Rate			
15:53	1265	0	3.6	242	MUD	Bump Plug			
15:54	1676	0	0	0	N/A	Casing Test			
16:09	1817	0	0	0	N/A	Check Floats			
16:10	0	0	0	0	N/A	Post Job 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	1265	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	67	474	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

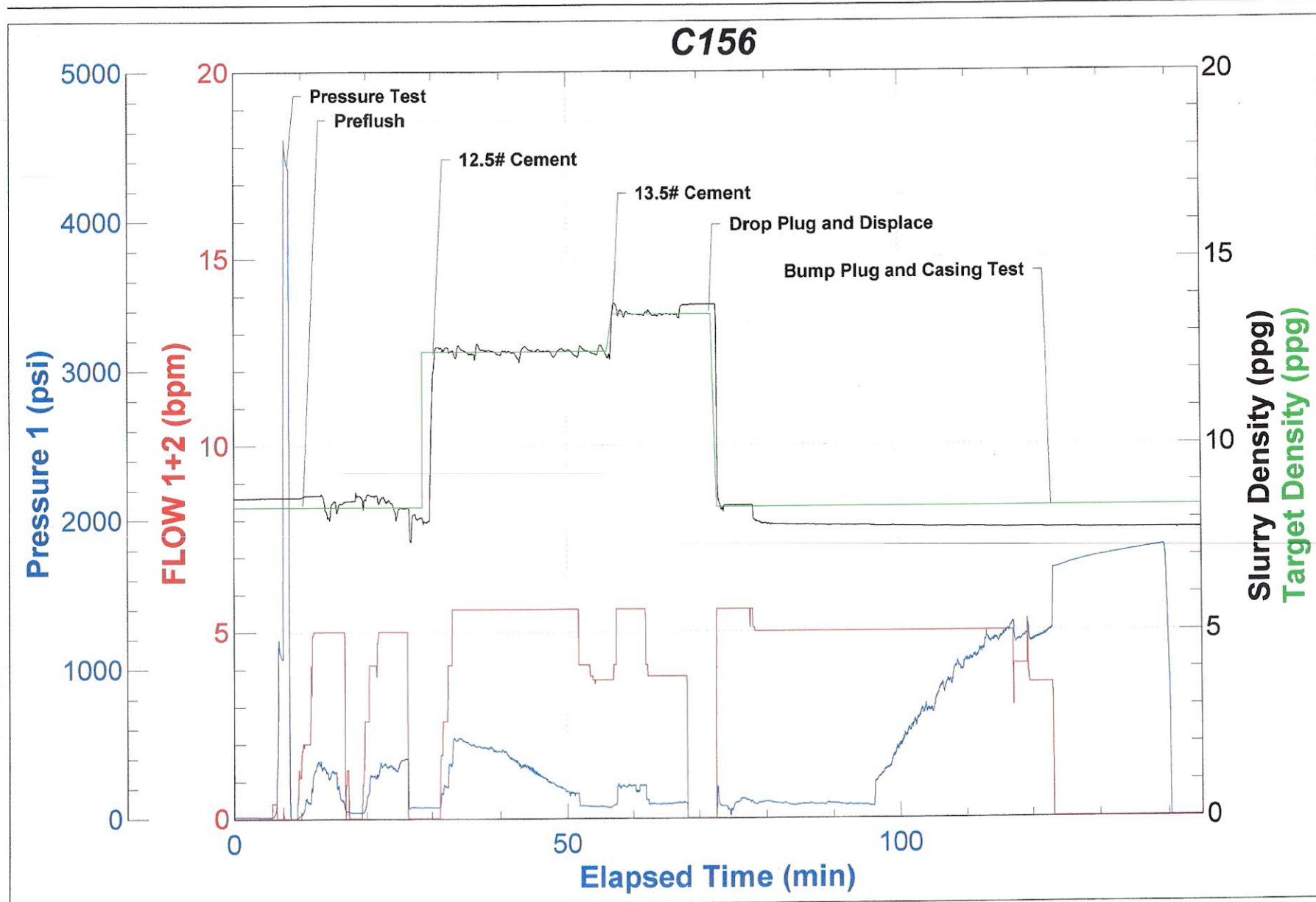


Baker Hughes JobMaster Program Version 3.60

Job Number: 1001944006

Customer: Carrizo

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





FIELD RECEIPT NO. 1001944006

CARRIZO OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
STREET OR BOX NUMBER				CITY		STATE		ZIP CODE			
1000 LOUISIANA ST, STE 1699				Houston		Texas		77002			
DATE WORK MO. DAY		YEAR		WELL API NO:		WELL TYPE:		New Well			
COMPLETED 10 27		2012		05123358120000							
DISTRICT				JOB DEPTH(ft)		WELL CLASS:		Oil			
BJS, BRIGHTON				6,226							
WELL NAME AND NUMBER				TD WELL DEPTH(ft)		GAS USED ON JOB:		No Gas			
HEMBERGER 2-26-34-8-60				6,240							
WELL LOCATION:		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:		Intermediate	
		26-8N-60W		Weld		Colorado					
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT	
100021		Class G Cement		sacks		70		31.800		2,226.00	
100120		Bentonite		lbs		2392		0.530		1,267.76	
100121		Silica Flour		lbs		2336		0.590		1,378.24	
100275		Sodium Metasilicate		lbs		12		4.100		49.20	
100295		Cello Flake		lbs		86		5.100		438.60	
100317		Poz (Fly Ash)		sacks		70		14.200		994.00	
398224		Premium Lite Cement		sacks		391		27.650		10,811.15	
398416		SealBond Spacer (w/ 30lb pail)		bbls		40		277.200		11,088.00	
488015		FL-52		lbs		183		26.900		4,922.70	
488019		FP-6L		gals		5		104.250		521.25	
488521		SealBond Plus		lbs		600		4.730		2,838.00	
499632		Granulated Sugar		lbs		200		3.840		768.00	
86714-1		7" Top Cem Plug, Nitrile cvr, Phen		ea		1		244.000		244.00	
		SUB-TOTAL FOR Product Material								37,546.90	
										65.00%	
										779.10	
										443.72	
										482.38	
										17.22	
										153.51	
										347.90	
										3,783.90	
										3,880.80	
										1,722.95	
										182.44	
										993.30	
										268.80	
										85.40	
										13,141.42	
ARRIVE LOCATION: 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.			
10 27 2012 12:20											
CUSTOMER REP. Jeff Myers								CUSTOMER AUTHORIZED AGENT			
								X			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT				BHI APPROVED			
								X			



FIELD RECEIPT NO. 1001944006

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 COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :		WELL CLASS :		GAS USED ON JOB :		JOB TYPE CODE :								
10		27	2012	2012	JASON L SJOBERG		05123358120000		New Well		Oil		No Gas		Intermediate								
DISTRICT				BJS, BRIGHTON				JOB DEPTH(ft)				6,226											
WELL NAME AND NUMBER				HEMBERGER 2-26-34-8-60				TD WELL DEPTH(ft)				6,240											
WELL LOCATION :				LEGAL DESCRIPTION				COUNTY/PARISH				STATE				COLORADO							
26-8N-60W				Weld																			
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT		% DISC.		NET AMOUNT									
A152		Personnel Per Diem Chrg - Cement Svc		ea		1		210.000		210.00		0%		210.00									
M100		Bulk Materials Blending Charge		cu ft		660		5.450		3,597.00		65%		1,258.95									
R798		Automatic Density System		job		1		1,990.000		1,990.00		65%		696.50									
		SUB-TOTAL FOR Service Charges								5,797.00		62.65%		2,165.45									
F065A		Cement Pumping, 6001 - 7000 ft		6hrs		1		8,300.000		8,300.00		65%		2,905.00									
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		182		11.850		2,156.70		65%		754.85									
J391		Mileage, Auto, Pick-Up or Treating Van		miles		182		6.700		1,219.40		65%		426.79									
		SUB-TOTAL FOR Equipment								14,917.10		63.78%		5,403.64									
J401		Bulk Delivery, Dry Products		ton-mi		2379		3.940		9,373.26		65%		3,280.64									
		SUB-TOTAL FOR Freight/Delivery Charges								9,373.26		65.00%		3,280.64									
ARRIVE LOCATION :				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.															
10				27	2012	12:20																	
CUSTOMER REP.				Jeff Myers																			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT																			
				BHI APPROVED																			
				X																			
				X																			



Report Printed on: October 27, 2012 4:27 PM