

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS			DATE 26-JUL-12		F.R. # 1001925243		SERV. SUPV. CHRISTOPHER M MCKEON							
LEASE & WELL NAME HEMBERGER 1-26-34-8-60			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			
Cement Plug, Rubber, Top 9-5/8 in		Float Collar, Auto Fill, 9-5/8 - 8rd												
		Centralizer, with Pins, 9-5/8 in												
		Float Shoe 9-5/8 - 8rd												
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES								
						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
Fresh Water + 2 lbs Red Dye						0	8.34	0	0	00:00	15			
Type III Cement + adds						138	14.5	1.40	6.81		34.45	22.37		
Premium Lite Cement + adds						417	13	1.77	9.20		131.26	91.34		
Fresh Water						0	8.34	0	0	00:00	108.23			
Available Mix Water 300 Bbl.				Available Displ. Fluid 300 Bbl.		TOTAL				288.95		113.71		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	100	1430	8.921	9.625	36	CSG	1410	1410	K-55	1410	1365			
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.
15.	16	65	CSG	80	80	No packer			0	0	9.625	8RD	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	
105.5	BBLS	Fresh Water	8.34	276		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			Circulation Rate: 6 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 <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 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														

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)
 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 2930 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
23:30	0	0	0	0	NA	Arrive location
23:40	0	0	0	0	NA	Spot trucks
23:45	0	0	0	0	NA	Rig up safety meeting
00:45	0	0	0	0	NA	Pre job safety meeting
01:10	1012	0	0	0	H2O	Low pressure test
01:11	2930	0	0	0	H2O	High pressure test
01:13	79	0	4.8	10	H2O	Fresh water
01:17	86	0	4.8	10	H2O	Dyed water
01:23	158	0	5.2	127	CMT	Batch up, weigh and pump 417 sx. 13.0 ppg. Cement
01:49	137	0	4	31	CMT	Batch up, weigh and pump 138 sx. 14.5 ppg. Cement
01:58	0	0	0	0	NA	Drop plug
02:04	413	0	4.8	90	H2O	Displacement
02:22	390	0	3.6	5	H2O	Rate change
02:23	431	0	2.4	10.5	H2O	Rate change
02:28	486	0	2.4	105.5	H2O	Bump plug
02:33	1041	0	0	0	NA	Plug down
02:35	0	0	0	0	NA	Rig down safety meeting

BUMPED
PLUG

☒ Y ☐ N

PSI TO
BUMP
PLUG

486

TEST
FLOAT
EQUIP.

☒ Y ☐ N

BBL.CMT
RETURNS/
REVERSED

55

TOTAL
BBL.
PUMPED

283.5

PSI
LEFT ON
CSG

0

SPOT
TOP OUT
CEMENT

☒ Y ☐ N

Service Supervisor Signature:

Catmy

X [Signature]

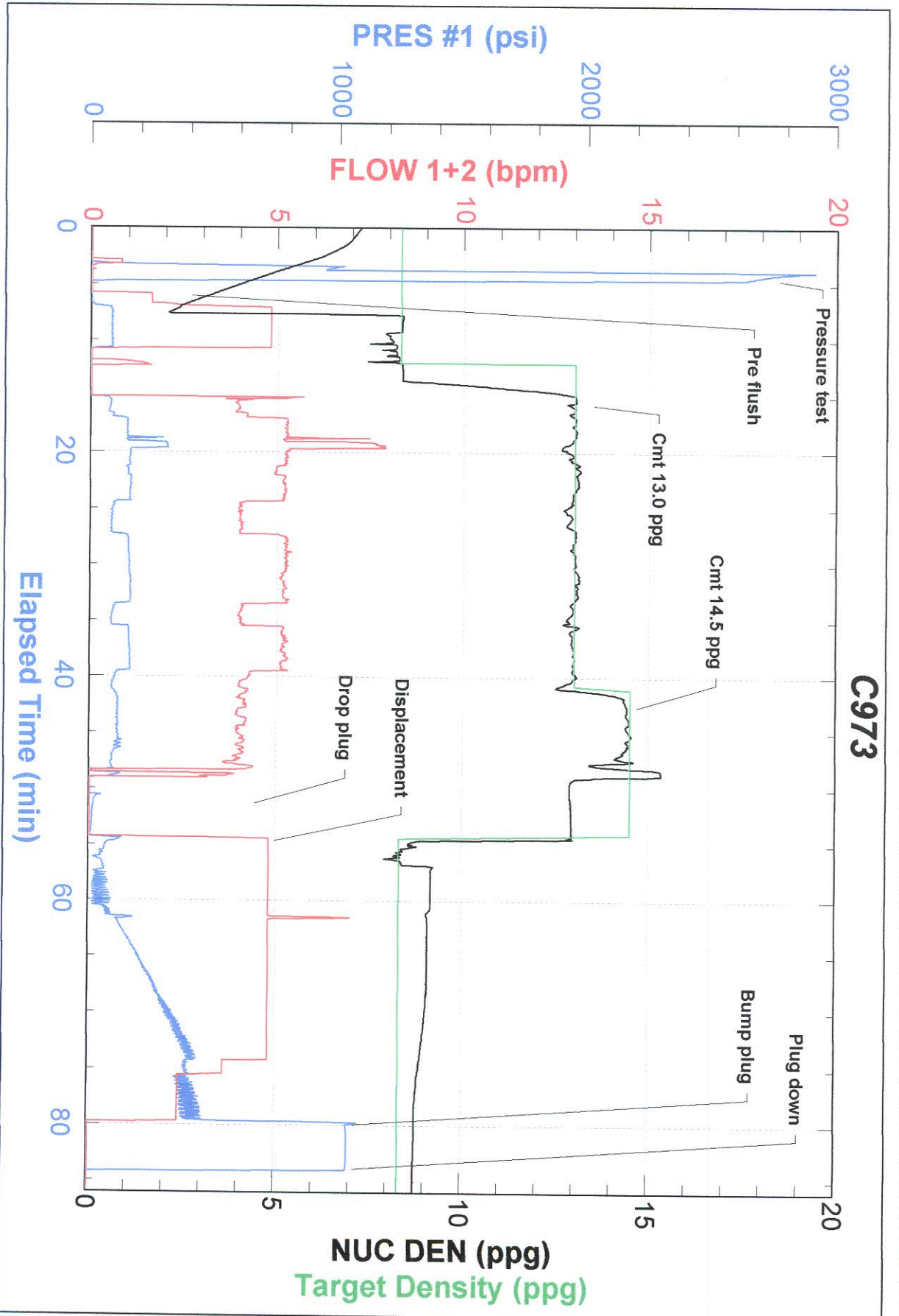


BJ Services JobMaster Program Version 3.50

Job Number: 1001925243

Customer: Carrizo

Well Name: Hemberger 1-26-34-8-60



FIELD RECEIPT NO. 1001925243



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		26	2012	CHRISTOPHER M MCKEON	05-123-34430		New Well				
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :					
				1,410		Oil					
WELL NAME AND NUMBER		HEMBERGER 1-26-34-8-60		TD WELL DEPTH (ft)		GAS USED ON JOB :					
				1,430		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	42	40.700	1,709.40	65%	598.29				
499703	Type III Cement	sacks	138	31.700	4,374.60	65%	1,531.11				
86720-1	9-5/8" Top Cem Plug, Nitrite cvr, Phen	ea	1	404.000	404.00	65%	141.40				
SUB-TOTAL FOR Product Material					22,363.62	65.00%	7,827.27				
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				
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.				
		07	26	2012	23:30						
CUSTOMER REP.		Bob McNeese		BHI APPROVED		CUSTOMER AUTHORIZED AGENT					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				X		X					

FIELD RECEIPT NO. 1001925243



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INVOICE TO :		1000 LOUISIANA ST, STE 1699		Houston		Texas		77002			
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO.		WELL TYPE :			
07 26 2012		07	26	2012	CHRISTOPHER M MCKEON	05-123-34430-0000		New Well			
DISTRICT		BUS, BRIGHTON		JOB DEPTH (ft)		1,410		WELL CLASS :			
WELL NAME AND NUMBER		HEMBERGER 1-26-34-8-60		TD WELL DEPTH (ft)		1,430		GAS USED ON JOB :			
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				
J401	Bulk Delivery, Dry Products	ton-mi	1929	3.940	7,600.26	65%	2,660.09				
HEMBERGER 1-26-34-8-60 TOTAL FOR Freight/Delivery Charges					7,600.26	65.00%	2,660.09				
FIELD ESTIMATE					46,622.48	64.32%	16,637.03				
Description: 958 Surface Cement											
Amount Approved: 16633.03											
Approved By: [Signature]											
ARRIVE MO. DAY YEAR TIME		07 26 2012 23:30		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.					
CUSTOMER REP. Bob McNeese						CUSTOMER AUTHORIZED AGENT					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		X		[Signature]		BHI APPROVED					