

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 FT ³	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
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

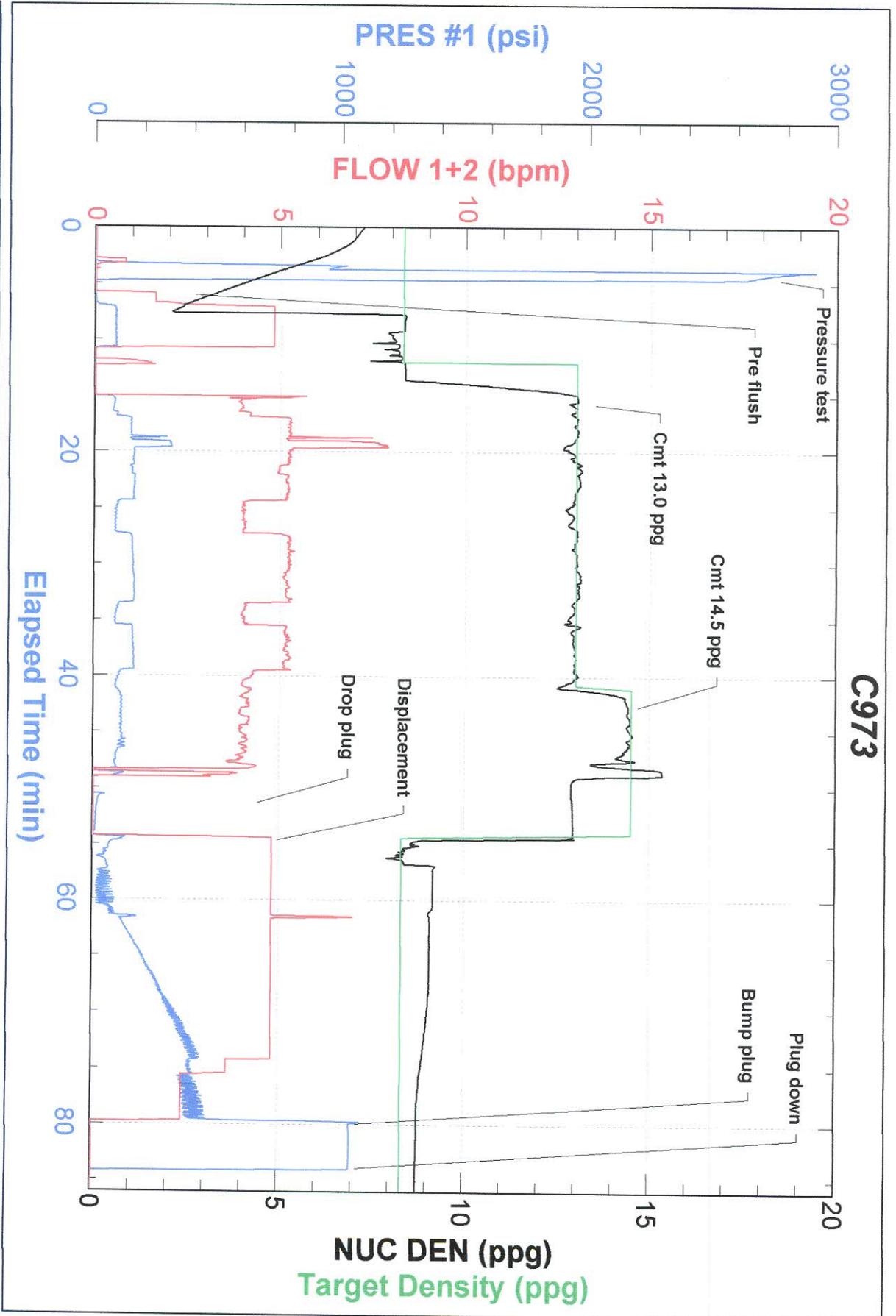
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	2930 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
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 <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 486	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 55	TOTAL BBL. PUMPED 283.5	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature:
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X



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 1000 LOUISIANA ST, STE 1699 CITY Houston STATE Texas ZIP CODE 77002

INVOICE TO: DATE WORK MO. DAY YEAR BHI REPRESENTATIVE WELL API NO. WELL TYPE: WELL CLASS: JOB DEPTH (ft) WELL DEPTH (ft)

COMPLETED 07 26 2012 CHRISTOPHER M MCKEON 05-123-34430 New Well Oil

DISTRICT: BJS, BRIGHTON WELL NAME AND NUMBER: HEMBERGER 1-26-34-8-60 TD WELL DEPTH (ft) 1,430 GAS USED ON JOB: No Gas

LEGAL DESCRIPTION: 26-8N-60W COUNTY/PARISH: Weld STATE: Colorado JOB TYPE CODE: 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.

CUSTOMER REP. Bob McNeese SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS CUSTOMER AUTHORIZED AGENT BHI APPROVED X

FIELD RECEIPT NO. 1001925243



CUSTOMER

CARRIZO OIL & GAS

CREDIT APPROVAL NO.

PURCHASE ORDER NO.

CUSTOMER NUMBER
20015134 - 00250300

INVOICE NUMBER

MAIL

STREET OR BOX NUMBER
1000 LOUISIANA ST, STE 1699

CITY
Houston

STATE
Texas

ZIP CODE
77002

INVOICE TO :

DATE WORK COMPLETED

MO. 07 DAY 26 YEAR 2012 BHI REPRESENTATIVE
CHRISTOPHER M MCKEON

WELL API NO.:
05-123-34430-0000

WELL TYPE:
New Well

DISTRICT

BUS, BRIGHTON

JOB DEPTH (ft)
1,410

WELL CLASS:
Oil

WELL NAME AND NUMBER

HEMBERGER 1-26-34-8-60

TD WELL DEPTH (ft)
1,430

GAS USED ON JOB:
No Gas

WELL LOCATION :

LEGAL DESCRIPTION
26-8N-60W

COUNTY/PARISH
Weld

STATE
Colorado

JOB TYPE CODE:
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

Code: 160-110
 Description: 95% Surface Cement
 Amount Approved: 16633.03
 Approved By: Bob McNeese

ARRIVE LOCATION : MO. 07 DAY 26 YEAR 2012 TIME 23:30
 CUSTOMER REP. Bob McNeese

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.

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]