

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS		DATE 03-APR-12	F.R. # 1001899169	SERV. SUPV. LANCE N WEBB	
LEASE & WELL NAME DEBRINE 21-44-8-61 - API 0512339580000		LOCATION 21-8N-61W		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	Centralizer, with Pins, 9-5/8 in				
	Float Collar, Auto Fill, 9-5/8 - 8rd				
	Guide Shoe, Cement Nose, 9-5/8 in				
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
Fresh Water + 2 lbs Red Dye	0	0	8.34	0	0 00:00
Type IIICement + adds	0	138	14.5	1.40	01:30
Premium Lite + adds	0	417	13	1.77	131.26
Fresh Water	0	0	8.34	0	0 00:00
Available Mix Water 250 Bbl.	Available Displ. Fluid 150 Bbl.	TOTAL		288.95	113.71
COLLAR DEPTHS					
HOLE	TBG-CSG-D.P.		COLLAR DEPTHS		
SIZE % EXCESS DEPTH	ID OD WGT. TYPE	MD TVD GRADE	SHOE	FLOAT	STAGE
12.25 0 1440	8.921 9.625 36 CSG	1428 1428 K-55	1428	1387	0
LAST CASING					
ID OD WGT. TYPE	MD TVD	PKR-CMT RET-BR PL-LINER	PERF. DEPTH	TOP CONN	WELL FLUID
15. 16 65 CSG	70 70	No Packer	0 0 0	9.625 8RND	WATER BASED
DISPL. VOLUME					
VOLUME UOM	DISPL. FLUID TYPE WGT.	CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
107.2 BBLs	Fresh Water 8.34	400	0	0	0
MAX CSG PSI					
RATED Operator		RATED Operator		MIX WATER	
3520 2000		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: 9.6 LBS/GAL		Mud Density Out: 9.6 LBS/GAL		PV & YP Mud In: 25	
PV & YP Mud Out: 25		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: 1.5 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Quantity: 6		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	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:	
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					

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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

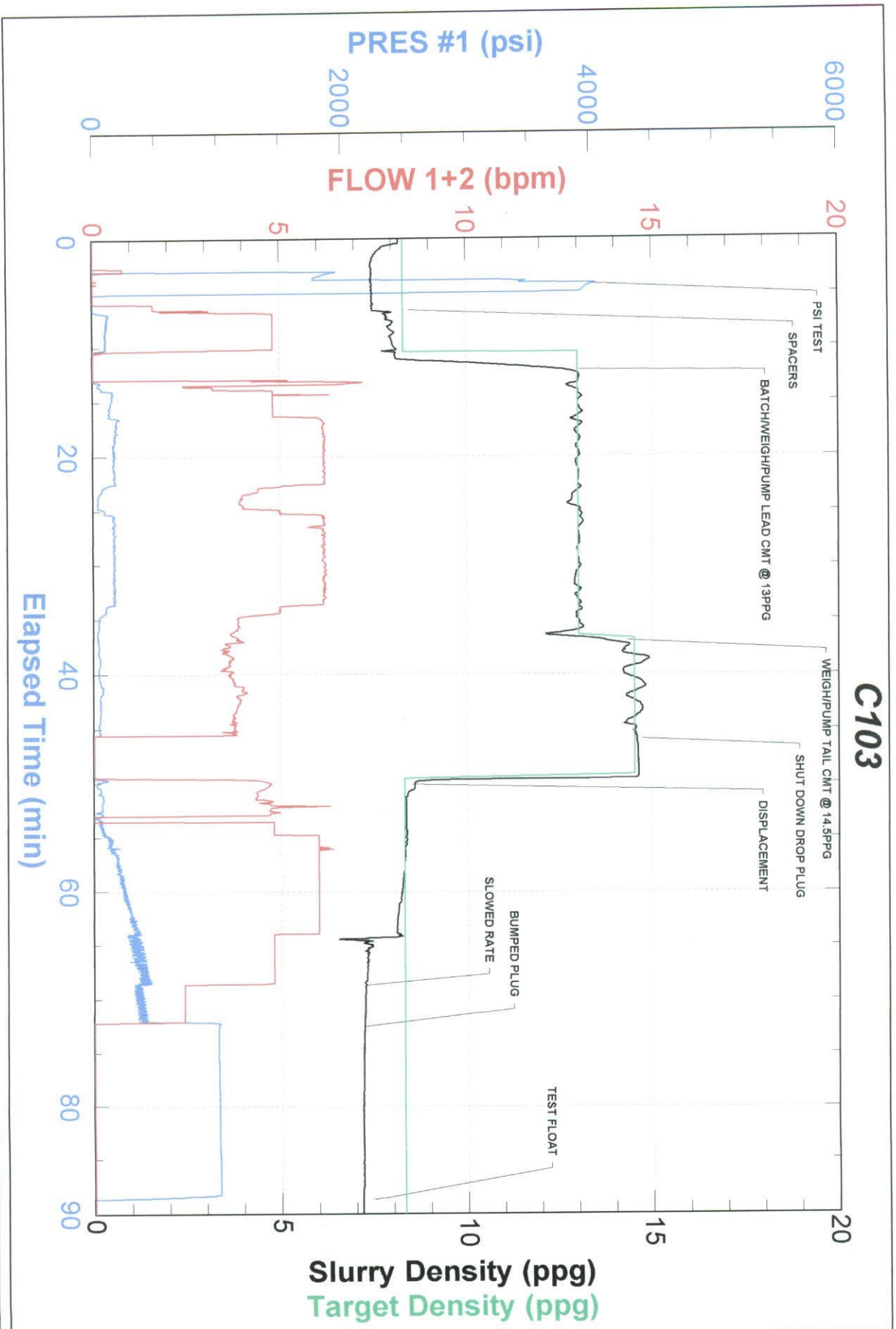
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 NONE

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	4000 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
10:00	0	0	0	0	NA	ARRIVE ON LOCATION RIG RUNNING CSG RTS 1030	
13:30	0	0	0	0	NA	SPOT TRUCKS	
15:00	0	0	0	0	NA	SAFETY MEETING	
15:20	1846	0	0	0	H2O	LOW PSI TEST	
15:22	4042	0	0	0	H2O	HIGH PSI TEST	
15:24	109	0	5	15	H2O	H2O SPACER WITH DYE	
15:30	130	0	5	131	CMT	BATCH/WEIGH/PUMP LEAD CMT @ 13PPG	
15:54	40	0	4	34	CMT	WEIGH/PUMP TAIL CMT @ 14.5PPG	
16:03	0	0	0	0	H2O	SHUT DOWN DROP PLUG	
16:07	106	0	6	0	H2O	DISPLACEMENT	
16:16	229	0	5	45	H2O	CAUGHT CMT	
16:25	327	0	2.5	97	H2O	SLOWED RATE	
16:29	995	0	0	107	H2O	BUMPED PLUG, FINAL LIFT 399 PSI, 90 BBL CMT BACK	
16:45	0	0	0	0	H2O	CHECK FLOAT, FLOAT HELD	
17:30	0	0	0	0	NA	LEAVE LOCATION	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 400	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 90	TOTAL BBL. PUMPED 287	PSI LEFT ON CSG 0	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: 1001899169
Customer: Carrizo
Well Name: Debrine 21-44-8-61





FIELD RECEIPT NO. 1001899169

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 :			
04 03 2012		LANCE N WEBB		05123339580000		New Well					
DISTRICT		Brighton		JOB DEPTH (ft)		WELL CLASS :					
WELL NAME AND NUMBER		DEBRINE 21-44-8-61		TD WELL DEPTH (ft)		GAS USED ON JOB :					
WELL LOCATION :		21-8N-61W		COUNTY/PARISH		STATE		JOB TYPE CODE :			
		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		
SUB-TOTAL FOR Product Material							21,918.92	65.00%	7,671.63		
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</p> <p>LOCATION : 04 03 2012 10:01</p> <p>CUSTOMER REP. KEVIN BARNHILL</p> <p>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</p> <p>CUSTOMER AUTHORIZED AGENT</p> <p>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</p> <p>CUSTOMER AUTHORIZED AGENT</p> <p>BHI APPROVED</p>											

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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. 04	DAY 03	YEAR 2012	BHI REPRESENTATIVE	WELL API NO:		WELL TYPE :			
				LANCE N WEBB	05123339580000		New Well			
DISTRICT	Brighton			JOB DEPTH (ft)		1,428		WELL CLASS :		
				TD WELL DEPTH (ft)		1,440		GAS USED ON JOB :		
WELL NAME AND NUMBER	DEBRINE 21-44-8-61			COUNTRY/PARISH		Weld		JOB TYPE CODE :		
WELL LOCATION :	21-8N-61W			STATE		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
F088	Cement Pumping, Additional hrs	hrs	3	900.000	2,700.00	65%	945.00
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	138	11.850	1,635.30	65%	572.36
J391	Mileage, Auto, Pick-Up or Treating Van	miles	138	6.700	924.60	65%	323.61
SUB-TOTAL FOR Equipment					13,375.90	63.63%	4,864.22
J401	Bulk Delivery, Dry Products	ton-mi	1826	3.940	7,194.44	65%	2,518.05
					7,194.44	65.00%	2,518.05
					48,100.96	64.34%	17,154.50

DRG ☒ **PROD** ☒ **DEL** ☒ **CHG** ☒ **WELL** ☒ **AMT** ☒ **FIELD** ☒ **ESTIMATE** ☒ **Code** ☒ **160 110**

Well: 21-44-8-61 **AMT \$** 17,154.50

AFE: 311 214 **Code:** 160 110

Description: Cement

Signature: Kevin Barnhill

ARRIVE LOCATION : MO. 04 DAY 03 YEAR 2012 TIME 10:01

CUSTOMER REP. KEVIN BARNHILL

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT *Kevin Barnhill*

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 AUTHORIZED AGENT *Kevin Barnhill*

BHI APPROVED *Kevin Barnhill*