

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS			DATE 21-MAR-12		F.R. # 1001896143		SERV. SUPV. RYAN R STEVENS								
LEASE & WELL NAME Bringelson Ranch 1-34-41-9-58			LOCATION				COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Xtreme Coil #19				TYPE OF JOB Intermediate								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS			MD	TVD	HANGER TYPES		MD	TVD		
7" Bot Cem Plug, Nitrile cvr, Phen		Float Collar, AI Flap, 7 - 8rd													
7" Top Cem Plug, Nitrile cvr, Phen		Float Shoe 7 - 8rd													
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	9.5	0	0	00:00	0					
Fresh Water					0	8.33	0	0	00:00	10					
SealBond Spacer					0	8.4	0	0	00:00	40					
Premium Lite Cement + adds					317	12.5	1.94	10.65	00:00	109.63	80.35				
50/50 (Poz / Class G Cement) + adds					154	13.5	1.71	8.30	00:00	46.98	30.44				
Drilling Mud					0	9.5	0	0	00:00	221					
Available Mix Water			400 Bbl.		Available Displ. Fluid			400 Bbl.		TOTAL		427.61	110.79		
HOLE				TBG-CSG-D.P.					COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE			
8.75	0	5726	6.366	7	23	CSG	5674	5551	P-110	5716	5626	0			
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.		
8.9	9.63	36	CSG	1430	1430	No Liner		0	0	7	8RD	WATER BASED	9.5		
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					
221.5	BBLS	Drilling Mud	9.5	698	0	0	0	0	5072	3000			Rig Tank		
Circulation Prior to Job															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1.5				Circulation Rate: 6 BPM							
Mud Density In: 9.5 LBS/GAL				Mud Density Out: 9.5 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: 3 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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: 51				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															

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) 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

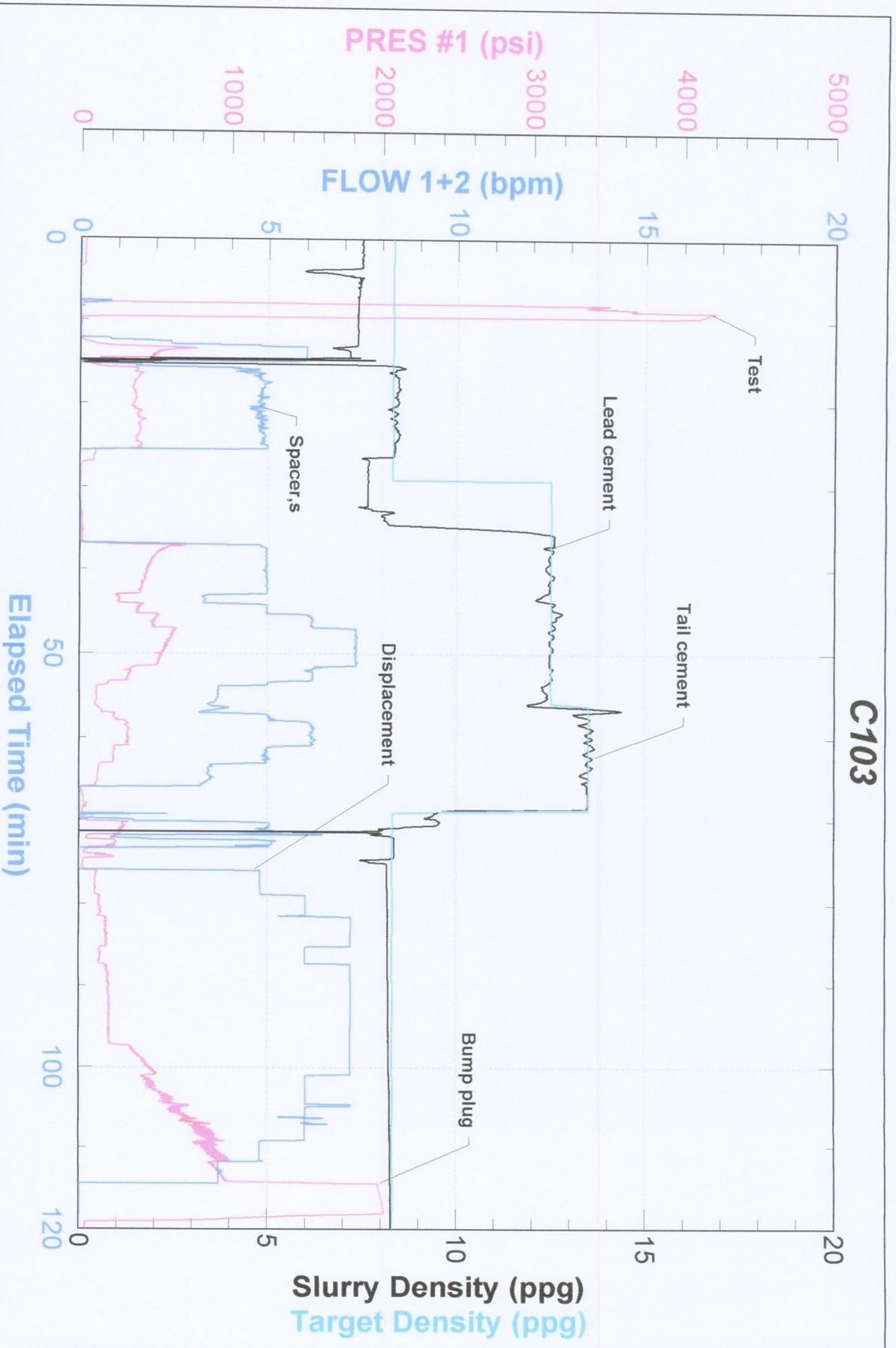
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
	PIPE	ANNULUS				
						SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
						TEST LINES 4206 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
20:02	0	0	0	0	N/A	Time arrived on location (96 Miles) rig was ready to cement
20:03	0	0	0	0	N/A	Spot trucks
20:04	0	0	0	0	N/A	Pre rig up safety meeting
22:13	0	0	0	0	N/A	Pre job safety meeting
22:22	4206	0	0	0	WATER	Pressure test
22:27	563	0	6	10	WATER	Fresh water
22:29	481	0	4.7	40	SEAL BON	Seal bond spacer
22:46	0	0	0	0	N/A	Drop Bottom PLug
22:51	613	0	7.2	106	CEMENT	Batch up weigh and pump 312 SXS of PLC + 0.25% Cello Flake + 0.4% FL-52 + 6% Bentonite @ 12.5 PPG
23:08	302	0	6	45	CEMENT	Batch up, weigh and pump 154 SXS of 50/50 Poz:G + 0.4% FL-52 + 3% Bentonite + 0.1% SMS + 20 % S-8 @ 13.5 PPG
23:20	0	0	0	0	N/A	Drop top plug
23:32	493	0	7.2	150	MUD	Start displacement with drilling mud
23:53	856	0	6	50	MUD	Drop rate
00:03	948	0	4.8	10	MUD	Drop rate
00:05	1187	0	3.7	10	MUD	Drop rate
00:08	1915	0	3.7	220	MUD	Bump Plug
00:13	0	0	0	0	N/A	Check floats
00:14	0	0	0	0	N/A	Pre rig down safety meeting
01:15	0	0	0	0	N/A	Time off location

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	1915	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	421	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

[Handwritten Signature]



BJ Services JobMaster Program Version 3.50
Job Number: 1001896143
Customer: Carrizo
Well Name: Bringelson 1-34-41-9-59



FIELD RECEIPT NO. 1001896143



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

DATE WORK COMPLETED

MO. 03 DAY 21 YEAR 2012 BHI REPRESENTATIVE RYAN R STEVENS

WELL API NO:

WELL TYPE:
New Well

DISTRICT

BJS, BRIGHTON

JOB DEPTH (ft)

5,716

WELL CLASS:
Oil

WELL NAME AND NUMBER

Bringelson Ranch 1-34-41-9-58

TD WELL DEPTH (ft)

5,726

GAS USED ON JOB:
No Gas

WELL LOCATION :

LEGAL DESCRIPTION

COUNTY/PARISH
Weld

STATE
Colorado

JOB TYPE CODE:
Intermediate

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement	sacks	77	31.800	2,448.60	65%	857.01
100120	Bentonite	lbs	2044 2,043	0.530	1,083.32	65%	379.16
100121	Silica Flour	lbs	2588	0.590	1,526.92	65%	534.42
100275	Sodium Metasilicate	lbs	13	4.100	53.30	65%	18.66
100295	Cello Flake	lbs	69	5.100	351.90	65%	123.17
100317	Poz (Fly Ash)	sacks	77	14.200	1,093.40	65%	382.69
398224	Premium Lite Cement	sacks	317	27.650	8,765.05	65%	3,067.77
398416	SealBond Spacer (w/ 30lb pail)	bbbs	40	277.200	11,088.00	65%	3,880.80
488015	FL-52	lbs	163	26.900	4,384.70	65%	1,534.65
488019	FP-6L	gals	4	104.250	417.00	65%	145.95
488252	Magnacide 575	gals	3	307.000	921.00	65%	322.35
488521	SealBond Plus	lbs	600	4.730	2,838.00	65%	993.30
499632	Granulated Sugar	lbs	100	3.840	384.00	65%	134.40
SUB-TOTAL FOR Product Material					35,355.19	65.00%	12,374.33

ARRIVE LOCATION : MO. 03 DAY 20 YEAR 2012 TIME 21:07
CUSTOMER REP. Ryan Dornak

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

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT

X BHI APPROVED

FIELD RECEIPT NO. 1001896143



CUSTOMER: CARRIZO OIL & GAS CREDIT APPROVAL NO. PURCHASE ORDER NO. CUSTOMER NUMBER INVOICE NUMBER

MAIL: STREET OR BOX NUMBER CITY STATE ZIP CODE
 1000 LOUISIANA ST. STE 1699 Houston Texas 77002

INVOICE TO: DATE WORK MO. DAY YEAR BHI REPRESENTATIVE WELL API NO. WELL TYPE: WELL CLASS: WELL NAME AND NUMBER
 03 21 2012 RYAN R STEVENS New Well Oil

DISTRICT: BJS, BRIGHTON JOB DEPTH (ft) 5,716 GAS USED ON JOB: No Gas

WELL NAME AND NUMBER: TD WELL DEPTH (ft) 5,726

Bringelson Ranch 1-34-41-9-58
 WELL LOCATION: LEGAL DESCRIPTION COUNTY/PARISH STATE JOB TYPE CODE: Intermediate

WELL LOCATION: Weld Colorado

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	592	5.450	3,226.40	65%	1,129.24
R798	Automatic Density System	job	1	1,990.000	1,990.00	65%	696.50
			SUB-TOTAL FOR Service Charges		5,426.40	62.48%	2,035.74
F063A	Cement Pumping, 5001 - 6000 ft	ghrs	1	7,325.000	7,325.00	65%	2,563.75
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
J390	Mileage, Heavy Vehicle	miles	192	11.850	2,275.20	65%	796.32
J391	Mileage, Auto, Pick-Up or Treating Van	miles	192	6.700	1,286.40	65%	450.24
			SUB-TOTAL FOR Equipment		11,997.60	63.48%	4,381.81
J401	Bulk Delivery, Dry Products	ton-mi	2242	3.940	8,833.48	65%	3,091.72
			SUB-TOTAL FOR Freight/Delivery Charges		8,833.48	65.00%	3,091.72
			FIELD ESTIMATE		61,612.67	64.48%	21,883.60

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.

CUSTOMER REP. Ryan Dornak
 SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS
 CUSTOMER AUTHORIZED AGENT

Service Receipt: I certify that the materials and services listed were received and all services performed in a workmanlike manner.

DRLG PROD COMP WO
 Well: Bringelson Ranch 1-34-41-9-58 AMT \$ 21,883.60
 AFE: 311166 Code: 160.110
 Description: Intermediate Count
 Signature: [Signature]