

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS		DATE 01-JUL-12	F.R. # 1001919506		SERV. SUPV. JASON L SJOBERG	
LEASE & WELL NAME PERGAMOS2-4-34-7-60		LOCATION			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, Ph		Float Collar, Auto Fill, 9-5/8 - 8rd		None	0	0
		Float Shoe 9-5/8 - 8rd				
		Centralizer, with Pins, 9-5/8 in				
		Cement Basket, Slip On, 9-5/8 in				
PHYSICAL SLURRY PROPERTIES						
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
Fresh Water + 2 lbs Red Dye		0	0	8.34	0	0
Type III Cement + adds		C0609312	138	14.5	1.40	6.81
Premium Lite Cement + adds		C0609312	417	13	1.77	9.20
Fresh Water		0	0	8.34	0	0
Fresh Water		0	0	8.34	0	0
Available Mix Water 300 Bbl.		Available Displ. Fluid 300 Bbl.	TOTAL		291.21	113.71
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID OD	WGT. TYPE	MD TVD GRADE	SHOE FLOAT STAGE
12.25	0	1425	8.921 9.625	36 CSG	1406 1406 J-55	1406 1360
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.
			no packer	0	9.625 8RND	WATER BASED 8.4
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	8.34 369	0 0	0 0	2816 1000	Rig
Circulation Prior to Job						
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		Circulation Rate: 7 BPM	
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 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: 0 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: 8		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		

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	3487 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:30	0	0	0	0	N/A	Yard Call	
16:20	0	0	0	0	N/A	Arrive on Location	
16:25	0	0	0	0	N/A	Spot Trucks	
16:27	0	0	0	0	N/A	Pre-rig up safety meeting	
17:20	0	0	0	0	N/A	Job Safety Meeting	
17:46	3487	0	0	0	H2O	Pressure Test Pump and Lines	
17:48	274	0	6.1	10	H2O	Preflush Fresh Water	
17:51	249	0	6.1	10	H2O	Preflush Dyed Water	
17:53	448	0	6.2	130	CMT	Batch, Weigh, Pump 13# 417 sks, 1.77 Yield, 9.2 gps	
18:23	234	0	5	32	CMT	Pump 14.5# 138 sks, 1.40 Yield, 6.81 gps	
18:30	0	0	0	0	N/A	Release Plug	
18:36	373	0	6.8	75	H2O	Displacement	
18:46	423	0	4.8	20	H2O	Drop Rate	
18:51	473	0	3.6	10.5	H2O	Drop Rate	
18:53	456	0	3.6	105.5	H2O	Bump Plug	
18:53	890	0	0	0	N/A	Plug Down	
18:58	0	0	0	0	N/A	Check Floats	
19:05	897	0	0	0	H2O	Pressure back up	
19:15	0	0	0	0	N/A	Check Floats	
19:17	126	0	0	0	H2O	Pressure up and Shut in head @ 126#	
19:19	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	456	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10	287	126	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



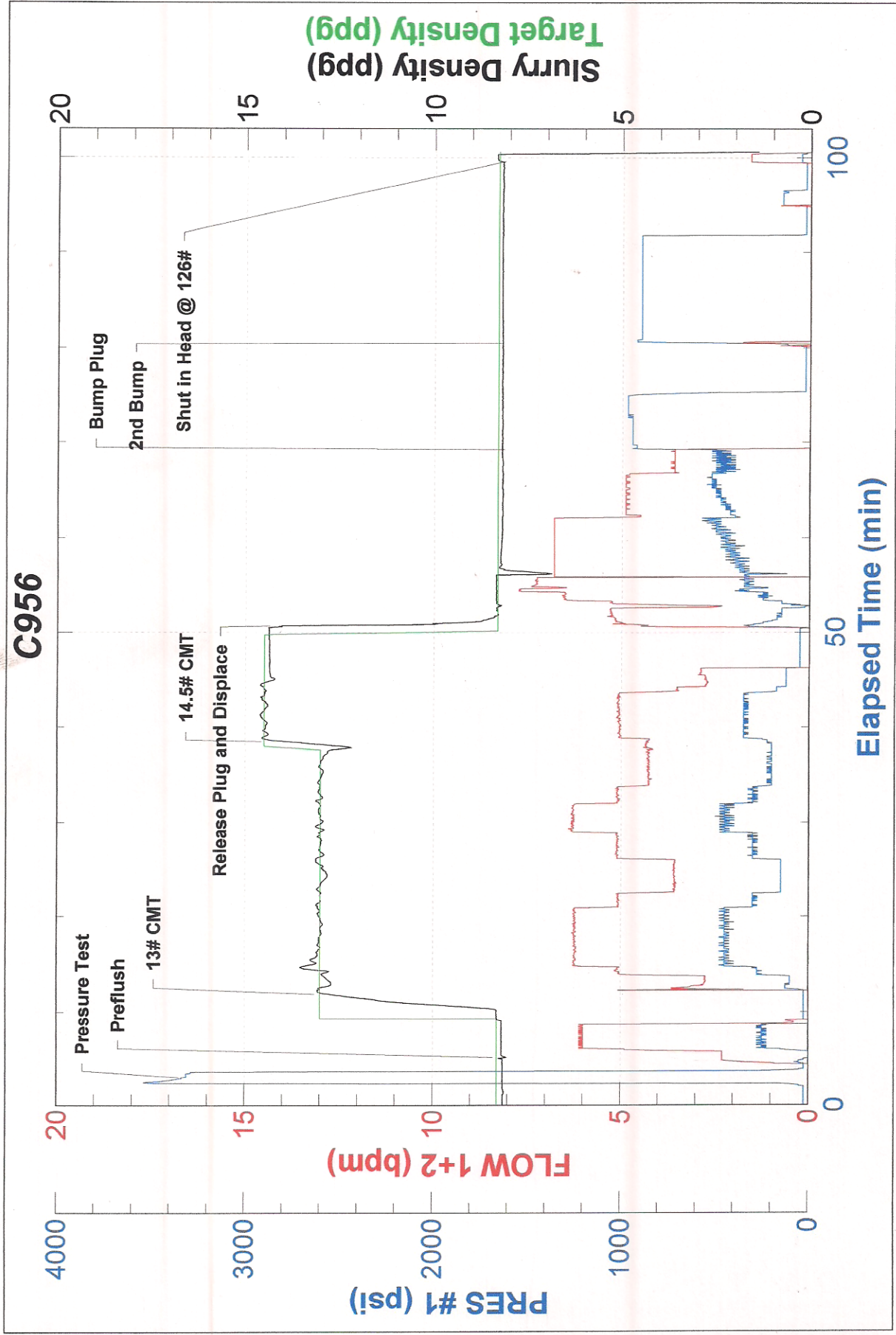
BJ Services JobMaster Program Version 3.50

Job Number: 1001919506

Customer: Carrizo

Well Name: Pergamos 2-4-34-7-60

C956





FIELD RECEIPT NO. 1001919506

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		WELL API NO:		WELL TYPE:					
07 01 2012		BHI REPRESENTATIVE JASON L SJOBERG				New Well					
DISTRICT				JOB DEPTH(ft)		WELL CLASS:					
BJS, BRIGHTON				1,406		Oil					
WELL NAME AND NUMBER				TD WELL DEPTH(ft)		GAS USED ON JOB:					
PERGAMOS2-4-34-7-60				1,425		No Gas					
WELL LOCATION:		LEGAL DESCRIPTION		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	150	3.840	576.00	65%	201.60			
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			
86720-1	9-5/8" Top Cem Plug, Nitrile cvr, Phen		ea	1	404.000	404.00	65%	141.40			
		SUB-TOTAL FOR Product Material				22,514.92	65.00%	7,880.23			
A152	Personnel Per Diem Chrg - Cement Svc		ea	1	210.000	210.00	0%	210.00			
M100	Bulk Materials Blending Charge		cu ft	627	5.450	3,417.15	65%	1,196.00			
R798	Automatic Density System		job	1	1,990.000	1,990.00	65%	696.50			
		SUB-TOTAL FOR Service Charges				5,617.15	62.57%	2,102.50			
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 01 2012		16:20									
CUSTOMER REP.		Jeff Meyers		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				BHI APPROVED							
				X							



FIELD RECEIPT NO. 1001919506

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 MO. DAY YEAR		BHI REPRESENTATIVE		WELL APINO:		WELL TYPE:		WELL CLASS:			
COMPLETED 07 01 2012		JASON L SJOBERG				New Well		Oil			
DISTRICT				JOB DEPTH (ft)				GAS USED ON JOB:			
BJS, BRIGHTON				1,406				No Gas			
WELL NAME AND NUMBER		TD WELL DEPTH (ft)		STATE		JOB TYPE CODE:					
PERGAMOS 2-4-34-7-60		1,425		Colorado		Surface					
WELL LOCATION:		LEGAL DESCRIPTION		COUNTY/PARISH		Weld					
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		% DISC.	
F055A		Cement Pumping, 1001 - 2000 ft		4hrs		1		4,875.00		65%	
F090		Fuel per pump charge - cement		pump/hr		2		70.250		0%	
J050		Cement Head		job		1		830.000		65%	
J225		Data Acquisition, Cement, Standard		job		1		2,130.000		65%	
J390		Mileage, Heavy Vehicle		miles		156		11.850		65%	
J391		Mileage, Auto, Pick-Up or Treating Van		miles		156		6.700		65%	
		SUB-TOTAL FOR Equipment						10,869.30		64.16%	
J401		Bulk Delivery, Dry Products		ton-mi		2063		3.940		65%	
		SUB-TOTAL FOR Freight/Delivery Charges						8,128.22		65.00%	
								8,128.22		65.00%	
								47,129.59		64.52%	
										16,723.19	

Well: PERGAMOS 2-4-34-7-60
 AFE: 312-123
 Code: 160-110
 Description: SURFACE CEMENT
 Amount Approved: 16,723.19

ARRIVE MO. DAY YEAR TIME
 LOCATION: 07 01 2012 16:20

CUSTOMER REP. Jeff Meyers

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