

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS			DATE 27-SEP-12		F.R. # 1001937407		SERV. SUPV. CHRISTOPHER M MCKEON							
LEASE & WELL NAME JONES 18-14-10-59 - API 05123353130000			LOCATION 18-10N-59W			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		Cement Basket, Slip On, 9-5/8 in												
		Centralizer, with Pins, 9-5/8 in												
		Float Collar, Auto Fill, 9-5/8 - 8rd												
		Guide Shoe, Cement Nose, 9-5/8 in												
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	1455	8.921	9.625	36	CSG	1442	1442	K-55	1442	1396			
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	70	70	No packer			0	0	9.625	8RD	WATER BASED	8.5
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		
108	BBLS	Fresh Water		8.34	372	0		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: 8.5 LBS/GAL Mud Density Out: 8.5 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: 1 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: 10		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 3473 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
18:55	0	0	0	0	NA	Arrive location/ Casing crew broke down			
19:30	0	0	0	0	NA	Spot trucks			
19:35	0	0	0	0	NA	Rig up safety meeting			
23:50	0	0	0	0	NA	Casing crew begins rig down/ rig circulates			
00:50	0	0	0	0	NA	Pre job safety meeting			
01:12	1928	0	0	0	H2O	Low Pressure test			
01:13	3473	0	0	0	H2O	High pressure test			
01:15	100	0	4.8	10	H2O	Fresh water			
01:19	103	0	4.8	10	H2O	Dyed water			
01:24	157	0	5	127	CMT	Batch up, weigh and pump 417 sx. PLC @ 13.0 ppg.			
01:50	123	0	4	28	CMT	Batch up, weigh and pump 138 sx. Type III Cement @ 14.5 ppg.			
02:06	0	0	0	0	NA	Drop plug			
02:08	528	0	6	95	H2O	Start displacement			
02:27	501	0	4.8	5	H2O	Rate change			
02:28	408	0	2.4	8	H2O	Rate change			
02:32	521	0	2.4	108	H2O	Bump plug			
02:37	1031	0	0	0	NA	Plug down/ Check floats			
02:45	0	0	0	0	NA	Rig down 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	521	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	50	283	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

X

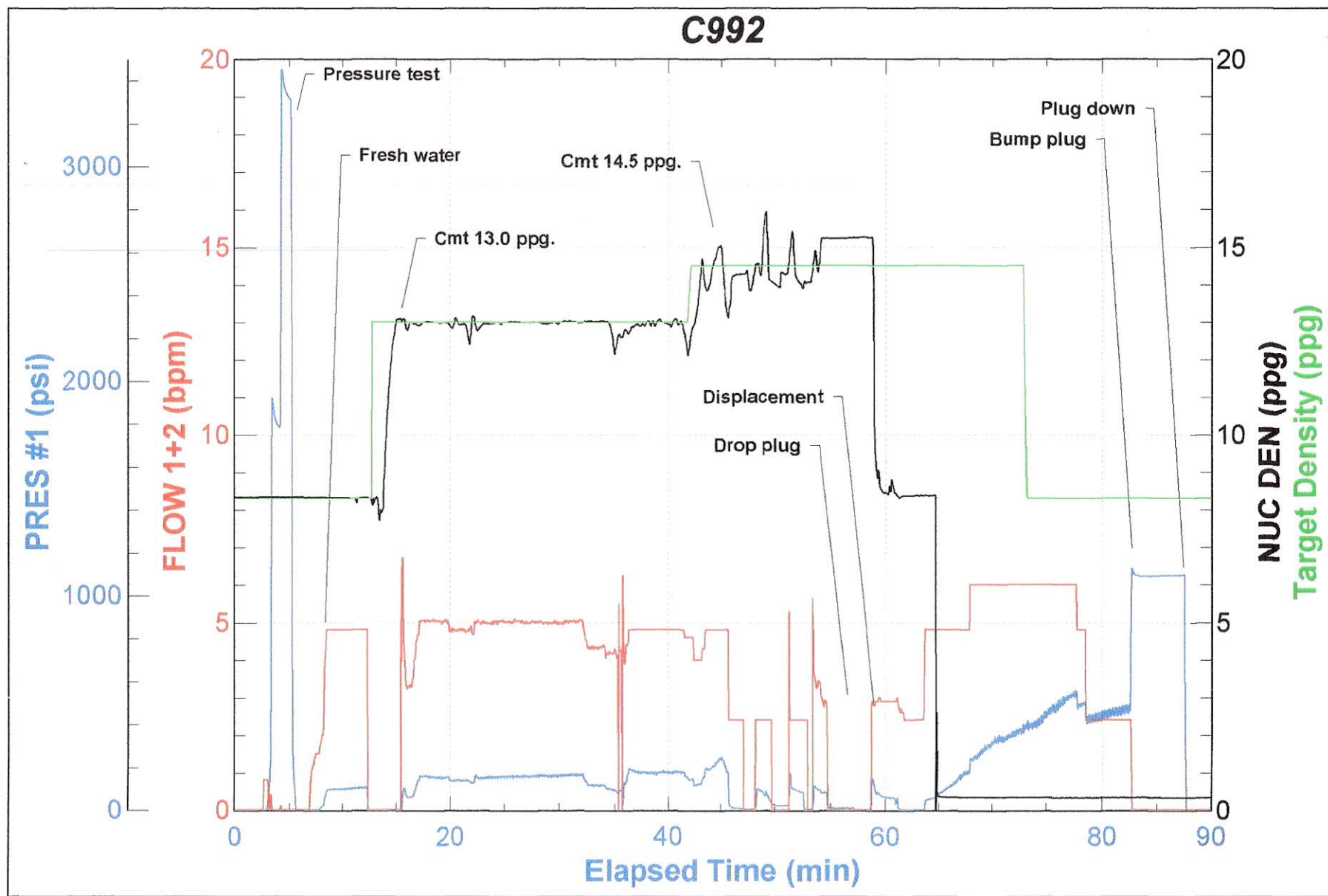


BJ Services JobMaster Program Version 3.50

Job Number: 1001937407


Customer: Carrizo

Well Name: Jones 18-14-10-59





FIELD RECEIPT NO. 1001937407

CUSTOMER CARRIZO OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20015134 - 00250300		INVOICE NUMBER							
MAIL INVOICE TO :		STREET OR BOX NUMBER 1000 LOUISIANA ST, STE 1699				CITY Houston		STATE Texas		ZIP CODE 77002							
DATE WORK COMPLETED		MO. 09	DAY 27	YEAR 2012	BHI REPRESENTATIVE CHRISTOPHER M MCKEON		WELL API NO: 05123353130000		WELL TYPE : New Well								
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 1,442			WELL CLASS : Oil									
WELL NAME AND NUMBER JONES 18-14-10-59					TD WELL DEPTH (ft) 1,455			GAS USED ON JOB : No Gas									
WELL LOCATION :		LEGAL DESCRIPTION 18-10N-59W				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		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										22,322.92		65.00%		7,813.03	
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. 09	DAY 27	YEAR 2012	TIME 18:55	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. Jeff Myers					CUSTOMER AUTHORIZED AGENT					CUSTOMER AUTHORIZED AGENT X							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS										BHI APPROVED X 							



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WELL NAME AND NUMBER JONES 18-14-10-59					TD WELL DEPTH (ft) 1,455		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 18-10N-59W			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
F088	Cement Pumping, Additional hrs	hrs	4	900.000	3,600.00	65%	1,260.00
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	194	11.850	2,298.90	65%	804.62
J391	Mileage, Auto, Pick-Up or Treating Van	miles	194	6.700	1,299.80	65%	454.93
	SUB-TOTAL FOR Equipment				15,314.70	63.81%	5,542.80
J401	Bulk Delivery, Dry Products	ton-mi	2562	3.940	10,094.28	65%	3,533.00
	SUB-TOTAL FOR Freight/Delivery Charges				10,094.28	65.00%	3,533.00
					53,343.60	64.40%	18,989.43

Well: JONES 18-14-10-59
 AFE: 312-184
 Code: 160-110
 Description: SURFACE CEMENT
 Amount Approved: 18,989.43
 Approved By: [Signature]

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CUSTOMER REP. Jeff Myers					X [Signature] CUSTOMER AUTHORIZED AGENT	X [Signature] BHI APPROVED
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					X [Signature] CUSTOMER AUTHORIZED AGENT	X [Signature] BHI APPROVED