

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS		DATE 21-NOV-12	F.R. # 1001949091	SERV. SUPV. RYAN SULLIVAN	
LEASE & WELL NAME NELSON 1-20-9-60 - API 05123362560000		LOCATION 17-9N-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	
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Centralizer, with Pins, 9-5/8 in			
		Float Shoe 9-5/8 - 8rd			
		Float Collar, Ball Valve, 9-5/8 - 8rd			
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES	
				SACKS OF CEMENT	SLURRY WGT PPG
Fresh Water + 2 lbs Red Dye		N/A		0	8.34
Type III Cement + adds				138	14.5
Premium Lite Cement + adds				417	13
Fresh Water		N/A		0	8.34
Available Mix Water 300 Bbl.		Available Displ. Fluid 300 Bbl.		TOTAL 281.9 113.84	
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID OD	WGT.	TYPE
12.25	100	1435	8.921 9.625	36	CSG
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
15.	16	65		70	70
BRAND & TYPE		DEPTH		TOP BTM	
No packer		0		0 0	
SIZE		THREAD		WELL FLUID	
9.625		8RD		WATER BASED	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
106	BBLS	Fresh Water	8.34	372	0
Circulation Prior to Job		Displacement And Mud Removal		Plugs	
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Amount Bled Back After Job: .8 BBLS		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Mud Density In: 9 LBS/GAL Mud Density Out: 9 LBS/GAL		Method Used to Verify Returns: Visually		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:		Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Top of Plug: 0 FT Bottom of Plug: 0 FT	
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL		Squeezes (Update Original Treatment Report for Primary Job)	
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE		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"/>	
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Quantity: 14 Type: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID		Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD		Casing Test (Update Original Treatment Report for Primary Job)		Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Number of Attempts by BJ: 0 Competition: 0		Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud		PSI Applied: 0 Fluid Weight: 0 LBS/GAL	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Time Held: 00 Hours 00 Minutes		EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None	
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					

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	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3818 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
15:45	0	0	0	0	N/A	Arrive on location, 85 miles, casing crew starting rig-up	
22:25	0	0	0	0	N/A	Spot trucks on location, rig running landing joint	
22:45	0	0	0	0	N/A	Ground rig-up complete, casers beginning rig-down	
23:25	0	0	0	0	N/A	Pre-job safety meeting then wait for rig to blow down top drive	
00:31	0	0	0	2	WATER	Load lines	
00:33	693	0	0	0	WATER	Low pressure test	
00:34	3818	0	0	0	WATER	High pressure test	
00:37	138	0	4.8	10	WATER	Freshwater spacer	
00:42	112	0	4.8	10	WATER	Dyed water spacer	
00:42	180	0	5	128	CEMENT	Batch-up, weigh, & pump 417 sx of PLC + 0.08% Static Free + 3% CaCl + 0.25 lbs/sk Cello Flake + 6% Bentonite @ 13 ppg	
01:07	224	0	4.8	32	CEMENT	Mix & pump 138 sx of Type III + 0.8 lbs/sk Static Free + 1% CaCl + 0.25 lbs/sk Cello Flake @ 14.5 ppg	
01:15	0	0	0	0	N/A	Release plug	
01:21	84	0	6	90	WATER	Displace	
01:36	555	0	4.8	8	WATER	Rate change	
01:38	533	0	2.4	9.6	WATER	Rate change	
01:42	595	0	2.4	107.6	WATER	Bump plug to 1240 psi, 0.8 bbls bled back, floats held, 35 bbls cement to surface	
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	595	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	35	350.6	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

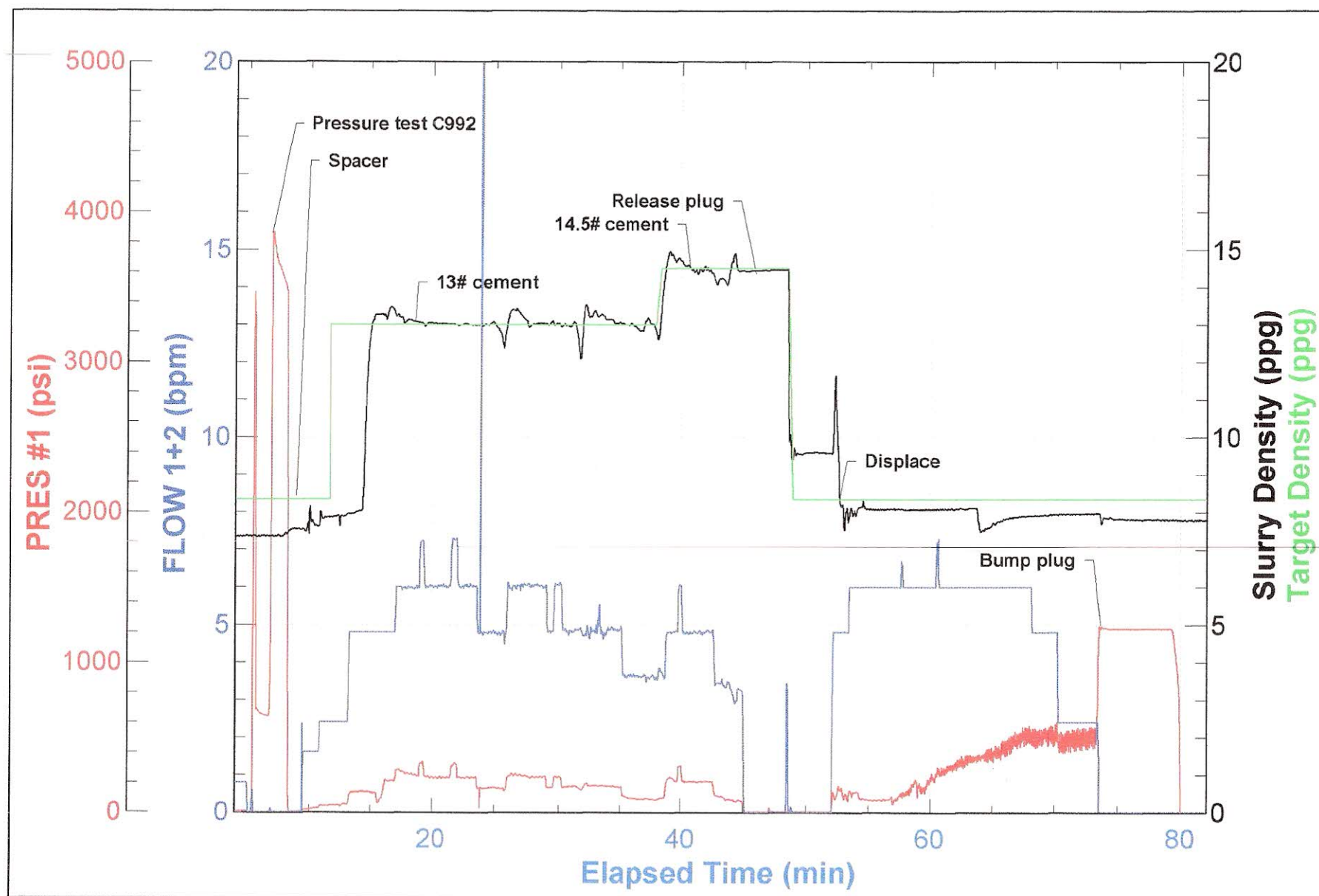


Baker Hughes JobMaster Program Version 3.60

Job Number: 1001949091

Customer: Carrizo

Well Name: Nelson 1-20-9-60





FIELD RECEIPT NO. 1001949091

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. 11 DAY 21 YEAR 2012				BHI REPRESENTATIVE RYAN SULLIVAN		WELL API NO: 05123362560000		WELL TYPE : New Well			
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 1,418		WELL CLASS : Oil					
WELL NAME AND NUMBER NELSON 1-20-9-60				TD WELL DEPTH (ft) 1,435		GAS USED ON JOB : No Gas					
WELL LOCATION : LEGAL DESCRIPTION 17-9N-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	✓ 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
ARRIVE LOCATION : MO. 11 DAY 20 YEAR 2012 TIME 15:45				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. Bob McNeese				CUSTOMER AUTHORIZED AGENT CUSTOMER AUTHORIZED AGENT				X			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								X			

Well: N/E/SON 1-20-9-60

AFE: 311-134

Code: 1100-110

Description: Cement 9 9/8 surface

Amount Approved: 449,206.96

Approved By: [Signature]



FIELD RECEIPT NO. 1001949091

CUSTOMER		CARRIZO OIL & GAS		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		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. DAY YEAR		11 21 2012		BHI REPRESENTATIVE		RYAN SULLIVAN		WELL API NO:		05123362560000		WELL TYPE :		New Well											
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		1,418		WELL CLASS :		Oil		GAS USED ON JOB :		No Gas		JOB TYPE CODE :		Surface									
WELL NAME AND NUMBER		NELSON 1-20-9-60		LEGAL DESCRIPTION		17-9N-60W		COUNTY/PARISH		Weld		STATE		Colorado		QUANTITY		1									
PRODUCT CODE		F055A		DESCRIPTION		Cement Pumping, 1001 - 2000 ft		UNIT OF MEASURE		4hrs		PRICE UNIT		4,875.000		GROSS AMOUNT		4,875.00		% DISC.		65%		NET AMOUNT		1,706.25	
		F088				Cement Pumping, Additional hrs		hrs		7				900.000		6,300.00		65%				2,205.00					
		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		170				11.850		2,014.50		65%				705.08					
		J391				Mileage, Auto, Pick-Up or Treating Van		miles		170				6.700		1,139.00		65%				398.65					
						SUB-TOTAL FOR Equipment										17,569.50		63.96%				6,331.98					
						Bulk Delivery, Dry Products		ton-mi		2250				3.940		8,865.00		65%				3,102.75					
						SUB-TOTAL FOR Freight/Delivery Charges										8,865.00		65%				3,102.75					
						FIELD ESTIMATE										53,965.12		64.41%				19,206.96					
ARRIVE LOCATION :		MO. DAY YEAR		TIME		11 20 2012		15:45		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 AUTHORIZED AGENT		X		CUSTOMER AUTHORIZED AGENT		X		BHI APPROVED		[Signature]					
CUSTOMER REP.		Bob McNeese																									
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS																											