

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML			DATE 08-MAY-15		F.R. # 10011154237			SERV. SUPV. Edgar Lozano Diaz							
LEASE & WELL NAME PTASNIK #4-30-9-59 - API 05123412430000			LOCATION 30-9N-59W			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		
Cement Plug, Rubber, Top 7 in		Float Shoe 7 - 8rd													
Cement Plug, Rubber, Bottom 7 in		Float Collar, Al Flap, 7 - 8rd													
		Stop Collar, 7 in													
		Centralizer, with Fins, 7 in													
		Thread Locking Compound													
MATERIALS FURNISHED BY BJ				LAB REPORT NO.				PHYSICAL SLURRY PROPERTIES							
								SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT3	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
UltraFlush II									8.4				40		
Premium Lite Cmt + adds								276	12.5	1.94	10.64	02:19	95	69.59	
50:50 (Poz:ClassG) + adds								163	13.5	1.45	7.05	02:22	42	27.38	
Drilling Mud									9.9				246		
Available Mix Water <u>400</u> Bbl.				Available Displ. Fluid <u>400</u> Bbl.						TOTAL		<u>423</u>	<u>96.97</u>		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE			
8.75	15	6361	6.366	7	23	CSG	6341	6300	N-80	6341	6253.6				
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		1645	1645	no packer		0	0	0	7	8RD	WATER BASED	9.6	
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					
246	BBLS	Drilling Mud	9.9	1600	0	0	0	0	6500	5000	RIG TANK				
Circulation Prior to Job															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 4 BPM							
Mud Density In: 9.6 LBS/GAL				Mud Density Out: 9.6 LBS/GAL				PV & YP Mud In:				PV & YP Mud Out:			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:				Solids Present at End of Circulation: NO <input type="checkbox"/> YES <input checked="" 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 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"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE															
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 61				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: 1600 PSI With 9.6 LBS/GAL Mud Time Held: 00 Hours 15 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	

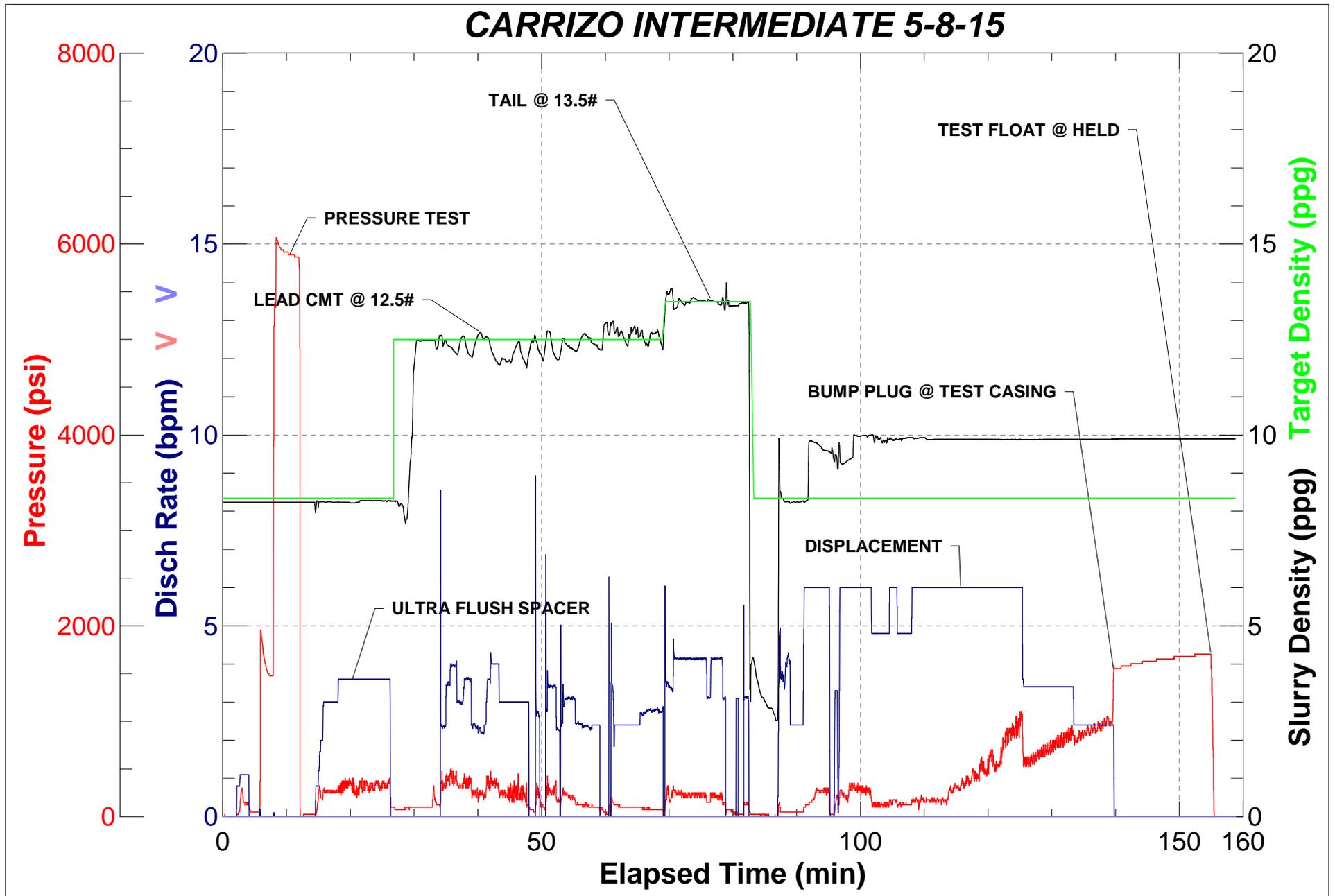
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
NA

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

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	6000 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
10:00	0	0	0	0	0	LEAVE THE YARD	
12:15	0	0	0	0	0	ARRIVE TO LOCATION	
12:40	0	0	0	0	0	SPOT TRUCK	
12:50	0	0	0	0	0	RIG UP SAFETY MEETING	
13:55	0	0	0	0	0	SAFETY MEETING	
14:30	0	0	0	0	0	STAB HEAD	
14:50	200	0	1	2	H2O	LOAD THE LINE	
14:53	1500	0	0	0	0	LOW PRESSURE TEST	
14:56	6000	0	0	0	0	PRESSURE TEST	
15:00	250	0	3	40	H2O	ULTRA FLUSH SPACER	
15:22	220	0	3	95	CMT	LEAD CEMENT @ 12.5# 276 SACKS	
01:55	260	0	4	42	CMT	TAIL CEMENT @ 13.5# 163 SACKS	
16:10	0	0	0	0	0	DROP TOP PLUG	
16:21	200	0	3	20	H2O	DISPLACEMENT PRESSURE @ RATE	
16:37	175	0	6	80	MUD	DISPLACEMENT PRESSURE @ RATE	
16:53	1000	0	6	100	MUD	DISPLACEMENT PRESSURE @ RATE	
17:04	900	0	3.4	30	MUD	PRESSURE @ RATE	
17:06	1000	0	2.4	16	MUD	SLOW PRESSURE @ RATE	
17:10	1600	0	0	0	0	BUMP PLUG @ START CASING TEST	
17:26	0	0	0	0	0	TEST FLOAT @ HELD	
17:30	0	0	0	0	0	SHUT DOWN JOB DONE	
17:40	0	0	0	0	0	RIG DOWN MEETING	
00:00	0	0	0	0	0	TOP OF LEAD @ 1337' CALCULATE	
00:00	0	0	0	0	0	TOP OF TAIL @ 4885' CALCULATE	
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	1600	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	424	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





CEMENTING LABORATORY REPORT

Lab Report # C05-021-15

Proposal #1001178753B

COMPANY : Carrizo Oil & Gas Inc.			DATE: May 7, 2015		
WELL NAME: Ptasnik #4-30-9-59			LOCATION: 30-9N-59W		
DISTRICT: Brighton			TYPE JOB: Intermediate Field Blend		
API #:	05-123-41243-0000	RIG #:	Xtreme 19	TOC(md):	
DEPTH MD/TVD(ft):	6350	6320. #		BHST(°F): 184 °F	
CASING SIZE("/#):	7 in	23. #		BHCT(°F): 153 °F	
TUBING SIZE("/#):				BHSqT(°F): 155 °F	
HOLE SIZE("):	8 3/4 in			TOL (°F): Static Circ	

SLURRY DESIGN DATA

#1	Lead Field Blend : Premium Lite Cement + 6% Bentonite + 0.3% FL-52 + 0.25 pps Cello Flake + 0.04% Static Free + 0.5 gps FP-6L
#2	Tail Field Blend : (50:50) Poz:Class G Cement + 3% Bentonite + 0.4% FL-52 + 0.3% Sodium Metasilicate + 0.04% Static Free + 0.5 gps FP-6L
#3	

SLURRY PROPERTIES	#1	#2	#3
Density : ppg	12.50	13.50	
Yield :cu.ft./sk.	1.94	1.45	
Mixing Water: gal/sk.	10.64	7.05	
Water Type:	Fresh	Fresh	
Testing Temperature :	150 °F	150 °F	
Thickening Time: hrs:mins.	2:19	2:22	
Free Water: mls.			
Fluid Loss:ml/30min			
Compressive Strength:			
	hrs.		
	hrs.		
Rheologies	RPM		
	300		
	200		
	100		
	60		
	30		
	6		
	3		
	600		
	PV		
	YP		
Gel Strength :#/100sq.ft.	10 sec.		
	10 min.		

REMARKS :

COMMENTS : The above data is supplied solely for informational purposes and Baker Hughes makes no guarantees or warranties, either express or implied, with respect to the accuracy or use of this data. All product warranties and guarantees shall be governed by the standard contract terms at the time of sale.



FIELD RECEIPT NO. 10011154237

CUSTOMER CARRIZO OIL & GAS INC XML					CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER 0040003338 - 0040139823-1	INVOICE NUMBER		
MAIL INVOICE TO : 500 DALLAS STREET, SUITE 2499					CITY Houston	STATE Texas	ZIP CODE 77063			
DATE WORK COMPLETED	MO. 05	DAY 08	YEAR 2015	BHI REPRESENTATIVE Edgar Lozano Diaz	WELL API NO: 05123412430000	WELL TYPE : New Well				
DISTRICT PP, BRIGHTON					JOB DEPTH(ft) 6,341	WELL CLASS : Oil				
WELL NAME AND NUMBER PTASNIK #4-30-9-59					TD WELL DEPTH(ft) 6,361	GAS USED ON JOB : No Gas				
WELL LOCATION : 30-9N-59W					COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Intermediate			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100275	Sodium Metasilicate				lbs	42	4.100	172.20	73%	46.49
100295	Cello Flake				lbs	69	5.100	351.90	73%	95.01
100317	Poz (Fly Ash)				sacks	82	14.200	1,164.40	73%	314.39
398117	Ultra Flush II System				bbbls	40	213.500	8,540.00	73%	2,305.80
398224	Premium Lite Cement				sacks	276	27.650	7,631.40	73%	2,060.48
488015	FL-52				lbs	127	26.900	3,416.30	73%	922.40
488019	FP-6L				gals	3	104.250	312.75	73%	84.44
488449	Bentonite II				lbs	1852	0.440	814.88	73%	220.02
499680	Static Free				lbs	16	40.700	651.20	73%	175.82
L100021-00	Class G Cement				sacks	82	31.800	2,607.60	73%	704.05
	SUB-TOTAL FOR Product Material							25,662.63	73.00%	6,928.90
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge				cu ft	487	5.450	2,654.15	73%	716.62
R798	Automatic Density System				job	1	1,990.000	1,990.00	73%	537.30
	SUB-TOTAL FOR Service Charges							4,854.15	69.84%	1,463.92
ARRIVE LOCATION :	MO. 05	DAY 08	YEAR 2015	TIME 12:15	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					CUSTOMER AUTHORIZED AGENT X			CUSTOMER AUTHORIZED AGENT		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								BHI APPROVED X		
					CUSTOMER AUTHORIZED AGENT					



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PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
F065A	Cement Pumping, 6001 - 7000 ft			6hrs	1	8,300.000	8,300.00	73%	2,241.00
F090	Fuel per pump charge - cement			pump/hr	6	70.250	421.50	0%	421.50
H9985	Float Equipment (Charge 8 of 8)			ea	1	1,849.700	1,849.70	0%	1,849.70
J050	Cement Head			job	1	830.000	830.00	73%	224.10
J225	Data Acquisition, Cement, Standard			job	1	2,130.000	2,130.00	73%	575.10
J390	Mileage, Heavy Vehicle			miles	180	11.850	2,133.00	73%	575.91
J391	Mileage, Auto, Pick-Up or Treating Van			miles	180	6.700	1,206.00	73%	325.62
	SUB-TOTAL FOR Equipment						16,870.20	63.17%	6,212.93
J401	Bulk Delivery, Dry Products			ton-mi	1796	3.940	7,076.24	73%	1,910.58
	SUB-TOTAL FOR Freight/Delivery Charges						7,076.24	73.00%	1,910.58
	FIELD ESTIMATE						54,463.22	69.67%	16,516.33
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CUSTOMER REP. JEFF								CUSTOMER AUTHORIZED AGENT X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					CUSTOMER AUTHORIZED AGENT			BHI APPROVED X	