

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML		DATE 16-SEP-14		F.R. # 10011099701		SERV. SUPV. ERIC S DEWIT	
LEASE & WELL NAME O'HARE #1-29-11-57 - API 05123400810000		LOCATION 29-11N-57W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme Coil 19		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD TVD
Cement Plug, Rubber, Top 9-5/8 in	Cement Basket, Slip On, 9-5/8 in						
	Centralizer, with Pins, 9-5/8 in						
	Float Collar, Auto Fill, 9-5/8 - 8rd						
	Float Shoe 9-5/8 - 8rd						
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
Fresh Water + 2 lbs Red Dye				0	8.34	0	00:00
Type III Cmt + adds				146	14.5	1.41	02:36
Premium Lite Cmt + adds				400	13	1.81	05:56
Fresh Water				0	8.34	0	00:00
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		289.05	113.79
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD TVD GRADE
12.25	100	1495	8.921	9.625	36	CSG	1475 1475 J-55
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		70	70	No Packer	0 0 0 9.625 8RND FRESH WATER 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
110.6	BBLS	Fresh Water	8.34	388	0	0	0 0 3500 2500 Rig Tank
Circulation Prior to Job							
Circulated Well: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Circulation Time: 1 Circulation Rate: 5 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: .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 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: 15		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: 1569 PSI With 8.34 LBS/GAL Mud				Time Held: 00 Hours 15 Minutes			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING None							

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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

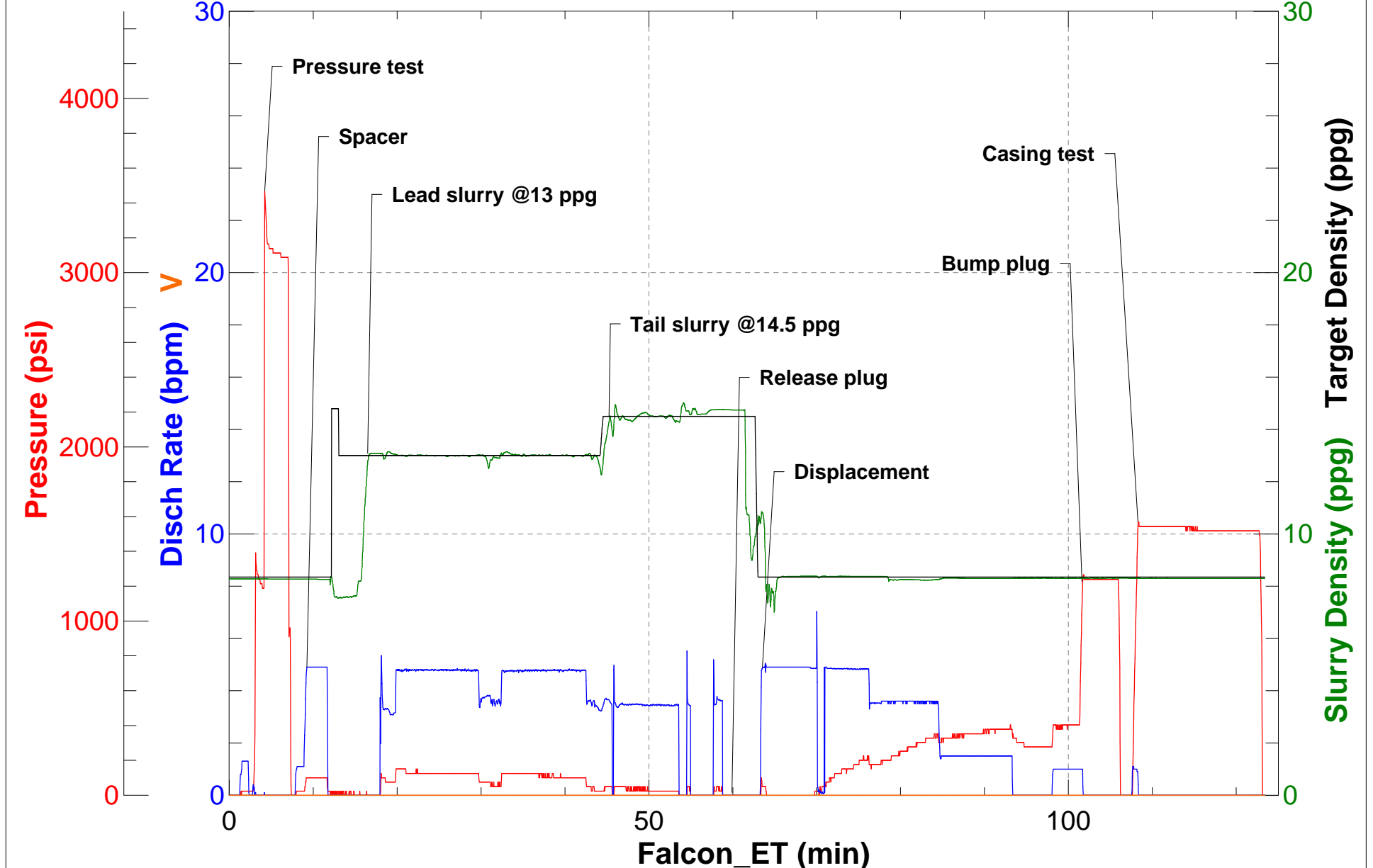
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 None

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 3467 PSI	
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	
20:05	0	0	0	0	N/A	Leave yard (9/16/14)	
03:55	0	0	0	0	N/A	Arrive on location (9/17/14, 123 Miles) Rig running casing	
05:37	0	0	0	0	N/A	Spot trucks	
05:53	0	0	0	0	N/A	Pre rig up safety meeting	
06:32	0	0	0	0	N/A	Pre job safety meeting	
07:05	24	0	1	1	H2O	Load pumps and lines	
07:07	3467	0	0	0	H2O	Pressure test pumps and lines	
07:12	100	0	4.9	15	H2O	Fresh water spacer with dye	
07:19	100	0	4.8	121	CMT	Batch, weigh, and pump lead slurry @13 ppg	
07:48	49	0	3.6	35	CMT	Batch, weigh, and pump tail slurry @14.5 ppg	
08:05	0	0	0	0	N/A	Release plug	
08:07	227	0	4.9	60	H2O	Displacement	
08:20	353	0	3.6	30	H2O	Drop rate	
08:29	379	0	1.5	15	H2O	Drop rate	
08:37	328	0	0	0	H2O	Shut down to let cement fall	
08:42	457	0	1	5	H2O	Finish displacement	
08:46	1239	0	0	0	H2O	Bump plug (62 bbls of cement to surface)	
08:50	0	0	0	0	H2O	Check floats (floats held)	
08:52	1569	0	0	0	H2O	Start casing test	
09:07	0	0	0	0	N/A	End casing test	
09:11	0	0	0	0	N/A	Pre rig down safety meeting	
10:15	0	0	0	0	N/A	Leave location	
	0	0	0	0	N/A	Arrive back at the yard	

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	457	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	62	372	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

O'Hare #1-29-11-57 Surface





FIELD RECEIPT NO. 10011099701

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 09/16/2014		BHI REPRESENTATIVE ERIC S DEWIT			WELL API NO: 05123400810000		WELL TYPE : New Well					
DISTRICT PP, BRIGHTON					JOB DEPTH(ft) 1,475		WELL CLASS : Oil					
WELL NAME AND NUMBER O'HARE #1-29-11-57					TD WELL DEPTH(ft) 1,496		GAS USED ON JOB : No Gas					
WELL LOCATION : 29-11N-57W					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	1250	1.290	1,612.50	70%	483.75		
100295	Cello Flake				lbs	137	5.100	698.70	70%	209.61		
100404	Sodium Chloride				lbs	947	0.520	492.44	70%	147.73		
398224	Premium Lite Cement				sacks	400	27.650	11,060.00	70%	3,318.00		
488449	Bentonite II				lbs	2088	0.440	918.72	70%	275.62		
499632	Granulated Sugar				lbs	150	3.840	576.00	70%	172.80		
499680	Static Free				lbs	20	40.700	814.00	70%	244.20		
499703	Type III Cement				sacks	146	31.700	4,628.20	70%	1,388.46		
	SUB-TOTAL FOR Product Material							20,800.56	70.00%	6,240.17		
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00		
M100	Bulk Materials Blending Charge				cu ft	733	5.450	3,994.85	70%	1,198.46		
R798	Automatic Density System				job	1	1,990.000	1,990.00	70%	597.00		
	SUB-TOTAL FOR Service Charges							6,194.85	67.63%	2,005.46		
ARRIVE LOCATION : 09/17/2014 03:55					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 Myer										CUSTOMER AUTHORIZED AGENT X		
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		
F055A		Cement Pumping, 1001 - 2000 ft			4hrs	1	4,875.000	4,875.00	70%	1,462.50		
F090		Fuel per pump charge - cement			pump/hr	5	70.250	351.25	0%	351.25		
J050		Cement Head			job	1	830.000	830.00	70%	249.00		
J225		Data Acquisition, Cement, Standard			job	1	2,130.000	2,130.00	70%	639.00		
J390		Mileage, Heavy Vehicle			miles	246	11.850	2,915.10	70%	874.53		
J391		Mileage, Auto, Pick-Up or Treating Van			miles	246	6.700	1,648.20	70%	494.46		
K289		Misc Cement Pumping, Non-Pump Time			hrs	1	575.000	575.00	70%	172.50		
		SUB-TOTAL FOR Equipment						13,324.55	68.15%	4,243.24		
J401		Bulk Delivery, Dry Products			ton-mi	3842	3.940	15,137.48	70%	4,541.24		
J402		Bulk Delivery, Standby Charge			hrs	2	226.500	453.00	70%	135.90		
J404		Bulk Delivery, Return of Unused Mtls			ton-mi	579	3.940	2,281.26	70%	684.38		
		SUB-TOTAL FOR Freight/Delivery Charges						17,871.74	70.00%	5,361.52		
		FIELD ESTIMATE						58,191.70	69.32%	17,850.39		
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SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS										CUSTOMER AUTHORIZED AGENT		