

CEMENT JOB REPORT



CUSTOMER Carrizo Oil & Gas		DATE 09-AUG-11	F.R. # 1001843122	SERV. SUPV. AARON M MCWILLIAMS	
LEASE & WELL NAME WICKSTROM #5-44-5-60 - API 05087081610000		LOCATION SEC 5 - 5 N - 60 W		COUNTY-PARISH-BLOCK Morgan Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 22		TYPE OF JOB Intermediate	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES	
Cement Plug, Rubber, Top 7 in	Float Collar, Auto Fill, 7 - 8rd	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
	Float Shoe 7 - 8rd				PUMP TIME HR:MIN
MATERIALS FURNISHED BY BJ					Bbl SLURRY
Drilling Mud + Biocide		0	9.5	0	00:00
Water		0	8.34	0	00:00
SealBond Spacer		0	8.4	0	00:00
Premium Lite Cement + Additives		334	12.5	1.94	10.65
50:50 Poz:G + Additives		199	13.5	1.71	8.30
Drilling Mud		0	9.5	0	00:00
Available Mix Water 400 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL 511.41 123.99	
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH
8.75	0	6360	7	26	5198
			7	23	1146
					GRADE
					SHOE
					FLOAT
					STAGE
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	TOP CONN
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH
9.625	36	CSG	1450	No packer	0
					TOP
					BTM
					SIZE
					THREAD
					TYPE
					WGT.
DISPL. VOLUME		DISPL. FLUID	CAL. PSI	CAL. MAX PSI	OP. MAX
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
240	BBLs	Drilling Mud	9.5	2493	0
					SQ. PSI
					RATED
					Operator
					MAX TBG PSI
					MAX CSG PSI
					Operator
					MIX WATER
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 9.5 LBS/GAL			Mud Density Out: 9.5 LBS/GAL		
PV & YP Mud In: 0			PV & YP Mud Out: 0		
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>			Units: 0		
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: 2 BBLs		
Returns During Job: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> PARTIAL <input type="checkbox"/> FULL			Method Used to Verify Returns: Visually		
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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			Quantity: 28		
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 checked="" 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: None					

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)
 N/A

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 N/A

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 N/A

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	4032 PSI		
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ	<input type="checkbox"/>
17:00	0	0	0	0	N/A	Yard call			
20:15	0	0	0	0	N/A	Leave yard			
21:25	0	0	0	0	N/A	Arrive on location			
02:00	0	0	0	0	N/A	Rig up safety meeting			
03:40	0	0	0	0	N/A	Pre job safety meeting			
04:30	4032	0	0	0	H2O	Pressure test pumps and lines			
04:43	475	0	6	45	MUD	Mud with biocide			
04:52	525	0	6	10	H2O	Fresh water spacer			
04:55	601	0	6	40	H2O	Seal bond spacer			
05:06	873	0	6.2	112	CMT	Batch up and pump 334 sks of PLC + 0.4% FL-52 + 6% Bentonite + 0.25% Cello 12.5 ppg 1.94 yield 10.65 pgs			
05:29	122	0	4	60	CMT	Batch up and pump 199 sks of (50:50) Poz:G + 0.4% FL-52 + 3% Bentonite + 0.1% 13.5 ppg 1.71 yield 8.30 gps			
05:45	0	0	0	0	N/A	Drop plug			
05:48	1005	0	6	180	MUD	Displacement			
06:20	904	0	4.8	30	MUD	Rate change			
06:26	853	0	2.4	30	MUD	Rate change			
06:37	979	0	2.4	240	MUD	Bump plug			
06:37	2493	0	0	0	N/A	Plug down @ 240 bbl's			
06:38	0	0	0	0	N/A	Rig down safety meeting			

BUMPED
PLUG
☐ Y ☐ N

PSI TO
BUMP
PLUG
2493

TEST
FLOAT
EQUIP.
☐ Y ☐ N

BBL.CMT
RETURNS/
REVERSED
70

TOTAL
BBL.
PUMPED
507

PSI
LEFT ON
CSG
0

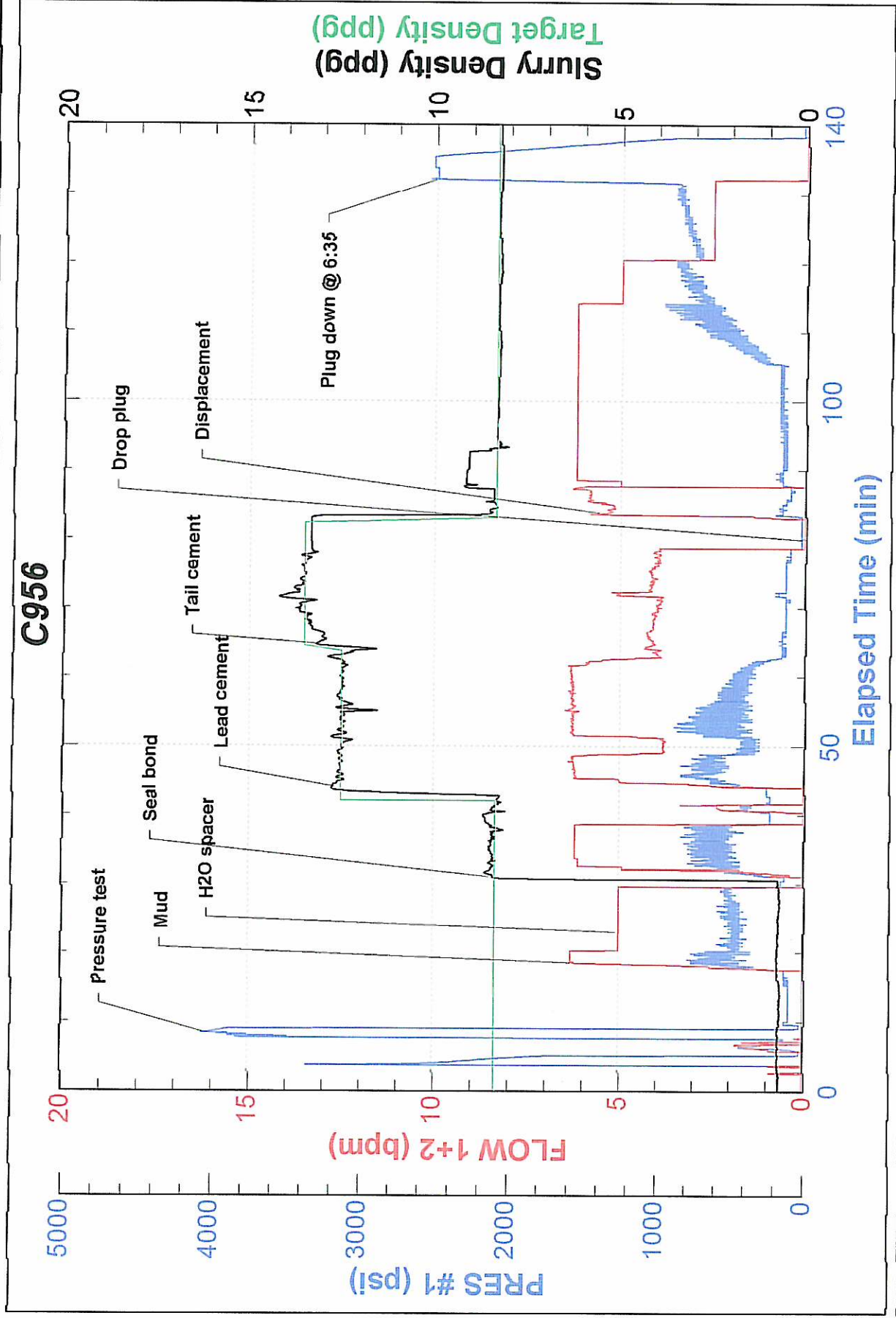
SPOT
TOP OUT
CEMENT
☐ Y ☐ N

Service Supervisor Signature:

Phil Wilson



BJ Services JobMaster Program Version 3.50
Job Number: 1001843122
Customer: Carrizo
Well Name: Wickstrom #5-44-5-60



FIELD RECEIPT NO. 1001843122

BJ Services Company



CUSTOMER (COMPANY NAME) Caltrix Oil & Gas				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20015134 - 00250300		INVOICE NUMBER	
STREET OR BOX NUMBER 1000 Louisiana Street Suite 1699				CITY Houston		STATE Texas		ZIP CODE 77002			
DATE WORK COMPLETED		MO.	DAY	YEAR	BJ SERVICES SUPERVISOR AARON M MCWILLIAMS		WELL API NO. 05087081610000		WELL TYPE New Well		
BJ SERVICES DISTRICT Brighton		MO.		DAY	YEAR	JOB DEPTH (ft) 6,248		WELL CLASS Oil			
WELL NAME AND NUMBER WICKSTROM #5-44-5-60		TO WELL DEPTH (ft) 6,360		GAS USED ON JOB No Gas							
WELL LOCATION SEC 5 - 5 N - 60 W		COUNTY/PARISH Morgan		STATE Colorado		JOB TYPE CODE Intermediate					
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT	
100021	Class G Cement				sacks	100	29.700	2,970.00	55%	1,336.50	
100120	Bentonite				lbs	2246	0.500	1,123.00	55%	\$05.35	
100121	Silica Flour				lbs	3344	0.530	1,772.32	55%	797.54	
100275	Sodium Metasilicate				lbs	17	3.900	66.30	55%	29.84	
100295	Cello Flake				lbs	73	4.850	354.05	55%	159.32	
100317	Poz (Fly Ash)				sacks	100	13.200	1,320.00	55%	\$94.00	
398224	Premium Lite Cement				sacks	334	24.050	8,032.70	55%	3,614.72	
398416	SealBond Spacer				bbls	40	264.000	10,560.00	55%	4,752.00	
488015	FL-52				lbs	184	25.600	4,710.40	55%	2,119.68	
488019	FP-6L				gals	5	99.250	496.25	55%	223.31	
488252	Magnacide 575				gals	1	620.000	620.00	55%	279.00	
488521	SealBond Plus				lbs	600	4.500	2,700.00	55%	1,215.00	
498632	Granulated Sugar				lbs	100	3.490	349.00	55%	157.05	
SUB-TOTAL FOR Product Material								35,074.02	55.00%	15,783.31	

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. Phil Wilson				CUSTOMER AUTHORIZED AGENT X			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				BJ SERVICES APPROVED X			

BJ Services Company



CUSTOMER (COMPANY NAME) Carizzo Oil & Gas				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20015134 - 00250300		INVOICE NUMBER	
MAIL INVOICE TO :				STREET OR BOX NUMBER 1000 Louisiana Street Suite 1699				CITY Houston		STATE Texas	
DATE WORK MO. DAY YEAR				WELL API NO.				WELL TYPE :		ZIP CODE	
COMPLETED 08 09 2011				05087081610000				New Well		77002	
BJ SERVICES DISTRICT				JOB DEPTH (ft)				WELL CLASS :			
Brighton				6,248				Oil			
WELL NAME AND NUMBER				TD WELL DEPTH(ft)				GAS USED ON JOB :			
WICKSTROM #5-44-5-60				6,360				No Gas			
WELL LOCATION :				COUNTY/PARISH				JOB TYPE CODE :			
SEC 5 - 5 N - 60 W				Morgan				Intermediate			
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT		
A152	Personnel Per Diem Chrg - Cement Svc			ea	1	161.500	161.50	0%	161.50		
M100	Bulk Materials Service Charge			cu ft	671	4.170	2,798.07	55%	1,259.13		
R798	Automatic Density System			job	1	1,530.000	1,530.00	55%	688.50		
	SUB-TOTAL FOR Service Charges						4,489.57	53.02%	2,109.13		
F065A	Cement Pumping, 6001 - 7000 ft			6hrs	1	6,900.000	6,900.00	55%	3,105.00		
F088	Cement Pumping, Additional hrs			hrs	4	750.000	3,000.00	55%	1,350.00		
F090	Fuel per pump charge - cement			pump/hr	4	61.000	244.00	0%	244.00		
J050	Cement Head			job	1	635.000	635.00	55%	285.75		
J390	Mileage, Heavy Vehicle			miles	112	9.100	1,019.20	55%	458.64		
J391	Mileage, Auto, Pick-Up or Treating Van			miles	112	5.150	576.80	55%	259.56		
	SUB-TOTAL FOR Equipment						12,375.00	53.92%	5,702.95		
J401	Bulk Delivery, Dry Products			ton-mi	1486	3.030	4,502.58	55%	2,026.16		
	SUB-TOTAL FOR Freight/Delivery Charges						4,502.58	55.00%	2,026.16		
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CUSTOMER REP. Phil Wilson				CUSTOMER AUTHORIZED AGENT				X CUSTOMER AUTHORIZED AGENT			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT				X BJ SERVICES APPROVED			

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WELL NAME AND NUMBER WICKSTROM #5-44-5-60				TD WELL DEPTH(ft) 6,360		STATE Colorado		JOB TYPE CODE : Intermediate			
WELL LOCATION : SEC 5 - 5 N - 60 W				COUNTY/PARISH Morgan		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT	
PRODUCT CODE				DESCRIPTION		FIELD ESTIMATE		GROSS AMOUNT		PERCENT DISC.	
								56,441.17		54.60%	
										25,621.55	

☒ DRLG ☐ PROD ☐ COMP ☐ WO ☐

Well: *Wickstrom* AMT \$ *25,621.55*

AFE: *311094* Code: *110*

Description: *Cementing 7" casing*

Signature: *Phil Wilson*

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. <i>Phil Wilson</i> CUSTOMER AUTHORIZED AGENT
CUSTOMER REP.	08	08	2011	21:25	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER. CUSTOMER AUTHORIZED AGENT <i>Phil Wilson</i> BJ SERVICES APPROVED <i>James Smith</i>