

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML		DATE 18-APR-15		F.R. # 10011150699		SERV. SUPV. Anthony J Staples	
LEASE & WELL NAME PTASNIK #2-30-9-59 - API 05123412390000		LOCATION 30-9N-59W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme Coik #19 Rig		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	Float Shoe 9-5/8 - 8rd						
	Float Collar, Auto Fill, 9-5/8 - 8rd						
	Centralizer, with Pins, 9-5/8 in						
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
Fresh Water + 2 lbs Red Dye		0	8.34	0	0		15
Type III Cmt + adds	C04-023-15	146	14.5	1.41	6.82	01:54	36.58 23.70
Premium Lite Cmt + adds	C04-023-15	339	13	1.81	9.46	02:45	109.53 76.35
Fresh Water		0	8.34	0	0		123.7
Available Mix Water 170 Bbl.		Available Displ. Fluid 170 Bbl.		TOTAL		284.81 100.05	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD TVD GRADE SHOE FLOAT STAGE
12.25	100	1645	8.921	9.625	36	CSG	1645 1645 1645 1600 1
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 9.625 8RND WATER BASED 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
123.7	BBLS	Fresh Water	8.34	430	0	0	0 0 2816 1500 Day Tank
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1 Circulation Rate: 3 BPM			
Mud Density In: 8.7 LBS/GAL Mud Density Out: 8.7 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 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: 16		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: 1607 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)
 Had an Issue With Vac Truck on Location had to Shut Down During Displacement for 9 Min...

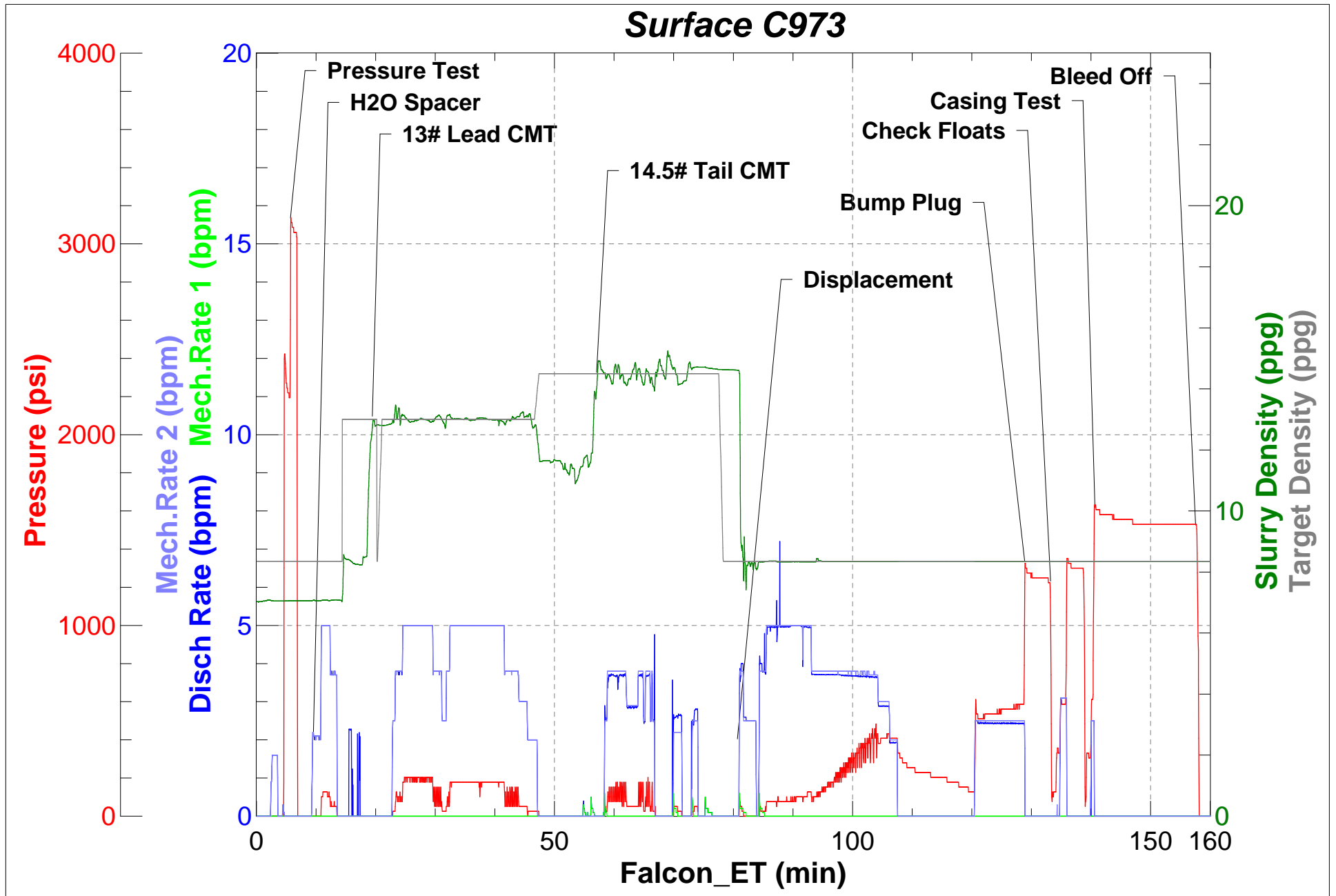
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 None

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 3138 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
14:17	0	0	0	0	N/A	Leave Yard
16:00	0	0	0	0	N/A	Arrive on Location...82 Miles
21:30	0	0	0	0	N/A	Spot Trucks
21:35	0	0	0	0	N/A	Pre-Rig Up Safety Meeting
00:05	0	0	0	0	N/A	Pre-Job Safety Meeting
00:31	50	0	1.5	2	H2O	Load Lines
00:33	3138	0	0	0	H2O	Pressure Test
00:38	102	0	5	15	H2O	Fresh Water Spacers with Dye
00:48	178	0	5	105	CMT	Batch, Weigh, and Pump 339 sks, 13# PLC + .04% Static Free + 3% CaCl + 3% NaCl + .25lb/sk Cello Flake + 6% Bentonite
01:28	75	0	3.6	35	CMT	Batch, and Pump 146 sks, 14.5 # Type III + .04lbs/sk Static Free + 1.5 % CaCl + .25 lb/sk Cello Flake + 6% Bentonite
01:44	0	0	0	0	H2O	Shut Down/Wash Up Mixing Tub
01:51	0	0	0	0	H2O	Release Plug
01:51	103	0	5	50	H2O	Displace
02:06	408	0	3.7	40	H2O	Rate Change
02:14	411	0	3	10	H2O	Rate Change
02:22	300	0	0	0	H2O	Had To Shut Down Vac Truck Having Issues
02:31	726	0	2.5	23	H2O	Displace
02:39	1275	0	0	0	H2O	Bump Plug @ 123 Bbls Away...25 Bbls CMT to Surface
02:43	0	0	0	0	H2O	Check Floats, Floats Didn't Hold after 2 Attempts
02:51	1607	0	0	0	H2O	Casing Test
03:08	1530	0	0	0	H2O	Bled Off Casing Test, Floats Held .5 Bbls Back
03:11	0	0	0	0	N/A	Pre-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	1275	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	25	280	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



Surface C973





CEMENTING LABORATORY REPORT

Lab Report # C04-023-15

Proposal #969450309B

COMPANY : Carrizo Oil & Gas				DATE:	April 17, 2015
WELL NAME: Ptasnik #2-30-9-59				LOCATION:	Sec 30, 9N-59W
DISTRICT: Brighton				TYPE JOB:	Surface Casing FB
API #:	05-123-41239-0000	RIG #:	Xtreme Coil #19	TOC(md):	
DEPTH MD/TVD(ft):	1950		1950. #	BHST(°F):	114 °F
CASING SIZE("/#):	9 5/8 in		36. #	BHCT(°F):	87 °F
TUBING SIZE("/#):				BHSqT(°F):	98 °F
HOLE SIZE("):	12 1/4 in			TOL (°F):	Static Circ

SLURRY DESIGN DATA

#1	Lead FB Slurry: Premium Lite Cement + 6% Bentonite II + 3% Calcium Chloride + 3% Sodium Chloride + 0.25 pps Cello Flake + 0.04% Static Free + 0.5 gals/100sk FP-6L
#2	Tail FB Slurry: Type III Cement + 1.5% Calcium Chloride + 0.25 pps Cello Flake + 0.04 pps Static Free + 0.5 gals/100sk FP-6L
#3	

SLURRY PROPERTIES		#1	#2	#3
Density : ppg		13.00	14.50	
Yield :cu.ft./sk.		1.81	1.41	
Mixing Water: gal/sk.		9.46	6.82	
Water Type:		Fresh	Fresh	
Testing Temperature :		87 °F	84 °F	
Thickening Time: hrs:mins.		2:45	1:54	
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 :	
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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. 10011150699

CUSTOMER CARRIZO OIL & GAS INC XML					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040003338 - 0040139823-1		INVOICE NUMBER		
MAIL INVOICE TO		STREET OR BOX NUMBER 500 DALLAS STREET, SUITE 2499				CITY Houston		STATE Texas		ZIP CODE 77063			
DATE WORK COMPLETED		MO. 04	DAY 18	YEAR 2015	BHI REPRESENTATIVE Anthony J Staples		WELL API NO: 05123412390000		WELL TYPE : New Well				
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 1,645		WELL CLASS : Oil						
WELL NAME AND NUMBER PTASNIK #2-30-9-59					TD WELL DEPTH (ft) 1,689		GAS USED ON JOB : No Gas						
WELL LOCATION :		LEGAL DESCRIPTION 30-9N-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	1091	1.290	1,407.39	76%	337.77		
100295		Cello Flake				lbs	122	5.100	622.20	76%	149.33		
100404		Sodium Chloride				lbs	802	0.520	417.04	76%	100.09		
398224		Premium Lite Cement				sacks	339	27.650	9,373.35	76%	2,249.60		
488019		FP-6L				gals	3	104.250	312.75	76%	75.06		
488449		Bentonite II				lbs	1770	0.440	778.80	76%	186.91		
499632		Granulated Sugar				lbs	100	3.840	384.00	76%	92.16		
499680		Static Free				lbs	18	40.700	732.60	76%	175.82		
499703		Type III Cement				sacks	146	31.700	4,628.20	76%	1,110.77		
		SUB-TOTAL FOR Product Material							18,656.33	76.00%	4,477.51		
A152		Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00		
M100		Bulk Materials Blending Charge				cu ft	661	5.450	3,602.45	76%	864.59		
R798		Automatic Density System				job	1	1,990.000	1,990.00	76%	477.60		
		SUB-TOTAL FOR Service Charges							5,802.45	73.25%	1,552.19		
ARRIVE LOCATION :		MO. 04	DAY 18	YEAR 2015	TIME 16:00	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 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	76%	1,170.00		
F088		Cement Pumping, Additional hrs				hrs	3	900.000	2,700.00	0%	2,700.00		
F090		Fuel per pump charge - cement				pump/hr	6	70.250	421.50	0%	421.50		
H9985		Float Equipment (Charge 3 of 8)				ea	1	1,849.700	1,849.70	0%	1,849.70		
J050		Cement Head				job	1	830.000	830.00	76%	199.20		
J225		Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	76%	511.20		
J390		Mileage, Heavy Vehicle				miles	166	11.850	1,967.10	76%	472.10		
J391		Mileage, Auto, Pick-Up or Treating Van				miles	166	6.700	1,112.20	76%	266.93		
		SUB-TOTAL FOR Equipment							15,885.50	52.22%	7,590.63		
J401		Bulk Delivery, Dry Products				ton-mi	2318	3.940	9,132.92	76%	2,191.90		
J402		Bulk Delivery, Standby Charge				hrs	2	226.500	453.00	28%	326.16		
J404		Bulk Delivery, Return of Unused Mtls				ton-mi	386	3.940	1,520.84	76%	365.00		
		SUB-TOTAL FOR Freight/Delivery Charges							11,106.76	74.04%	2,883.06		
		FIELD ESTIMATE							51,451.04	67.92%	16,503.39		
ARRIVE LOCATION :		MO. 04	DAY 18	YEAR 2015	TIME 16:00	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.		
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