

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &				DATE 27-JUN-15		F.R. # 10011160612		SERV. SUPV. Daniel F Kuenz					
LEASE & WELL NAME SHERLEY #G-4-9HC - API 05123408960000				LOCATION 4-5N-65W				COUNTY-PARISH-BLOCK Weld Colorado					
DISTRICT Brighton				DRILLING CONTRACTOR RIG # Frontier 10				TYPE OF JOB Liner					
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
4-1/2" Top Cem Plug, Nitrile cvr, Phe		Float Collar, Pop Valve, 4-1/2 - 8rd						Liner		9895	7050		
		Float Shoe 4-1/2 - 8rd											
		Stop Collar, 4-1/2 in											
		Centralizer, with Pins, 4-1/2 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	
Fresh Water							8.34				20		
UltraFlush II Spacer							10.5				80		
50:50Poz:G+.5%R3+.4%FL52+.6%ASA301+.1%SMS				C06-045-15		775	13	2.06	10.30	05:35	284.3	190.08	
+20%SF+.6%FL63+10#sCSE2+2%Gel+.01gpsFP6L											0	0	
FW+.4gptAlpha1427+2.5gptClaycare							8.34				208.5		
FW+.4gptAlpha1427+2.5gptClaycare							8.34				173		
Available Mix Water 400 Bbl.				Available Displ. Fluid 400 Bbl.				TOTAL			765.8	190.08	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
6.75	35	16582	3.34	4	14	DP	9895	7050	S-135	16576	16530.4	1	
			3.92	4.5	13.5	CSG	16576	7050	P-110				
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.
6.2	7	29	CSG	7418	7050	Liner	9895	0	0	2	1502	WATER BASED	9.7
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			
208.5	BBLS	FW+.4gptAlpha1427	8.34	1269	0	0	0	0	9928	8536	Rig Tanks		
		FW+.4gptAlpha1427	8.34										
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 3			Circulation Rate: 6 BPM				
Mud Density In: 9.7 LBS/GAL Mud Density Out: 9.7 LBS/GAL						PV & YP Mud In: 14			PV & YP Mud Out: 14				
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 type="checkbox"/>						Amount Bled Back After Job: 1.25 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: 196			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				

CEMENT JOB REPORT



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

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Rig on bottom circulating when we arrived on location.

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 4569 PSI CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
21:30						YARD CALL 06/26/2015
00:15						PRE-JOB CONVOY SAFETY MEETING
00:30						DEPART YARD
01:15						ARRIVE ON LOCATION
01:20						SAFETY WALK AROUND ON LOCATION
01:25						PRE-RIG UP SAFETY MEETING
01:30						SPOT CEMENT EQUIPMENT ON LOCATION
01:45						SUPERVISOR AND EO DEPART LOCATION TO GET LAST BULK TRUCK
02:25						ARRIVE BACK ON BHI YARD
02:30						DEPART BHI YARD WITH LAST BULK TRUCK
03:15						ARRIVE ON LOCATION WITH LAST BULK TRUCK
04:10						MAKE UP TOP CONNECTION TO WELLHEAD
04:15						PRE-JOB SAFETY MEETING
	1800	0	6	1000	WBM	RIG CIRCULATING
						GOT GAS BACK TO SURFACE DURING SPACERS, CEMENT & DISPLACEMENT
04:43	396	0	1.3	2	H2O	LOAD LINES, FRESH WATER SPACER
04:48	4569	0	0	0	H2O	PRESSURE TEST HARD LINES
04:56	1669	0	5.6	18	H2O	FRESH WATER SPACER w/ DYE
05:02	0	0	0	0	H2O	BATCH UP ULTRA FLUSH II SPACER
05:04	1690	0	5.6	80	H2O	ULTRA FLUSH II SPACER
05:23	0	0	0	0	CEMENT	BATCH UP CEMENT SLURRY 13#
05:29	1296	0	5.6	100	CEMENT	775sks (50:50)Poz:G @ 13# CEMENT SLURRY
05:50	1296	0	5.6	100	CEMENT	775sks (50:50)Poz:G @ 13# CEMENT SLURRY
06:09	690	0	4.2	84.3	CEMENT	775sks (50:50)Poz:G @ 13# CEMENT SLURRY
06:29	0	0	0	0	CEMENT	SHUT DOWN, WASH UP CEMENT PUMP & HARD LINES
06:44	169	0	5	20	H2O	DROP DART, FRESH WATER DISPLACEMENT
06:49	1269	0	5	30	H2O	FRESH WATER DISPLACEMENT
06:54	906	0	2.5	7	H2O	SLOW RATE FOR DART/WIPER PLUG LATCH
06:57	1096	0	2.5	7	H2O	DART/WIPER PLUG LATCH
07:00	1906	0	5	36	H2O	FRESH WATER DISPLACEMENT
07:07	2096	0	5	50	H2O	FRESH WATER DISPLACEMENT
07:16	2069	0	5	46	H2O	FRESH WATER DISPLACEMENT
07:26	1096	0	2.8	12.5	H2O	SLOW RATE, FRESH WATER DISPLACEMENT
07:28	1816	0	0	0	H2O	BUMP PLUG

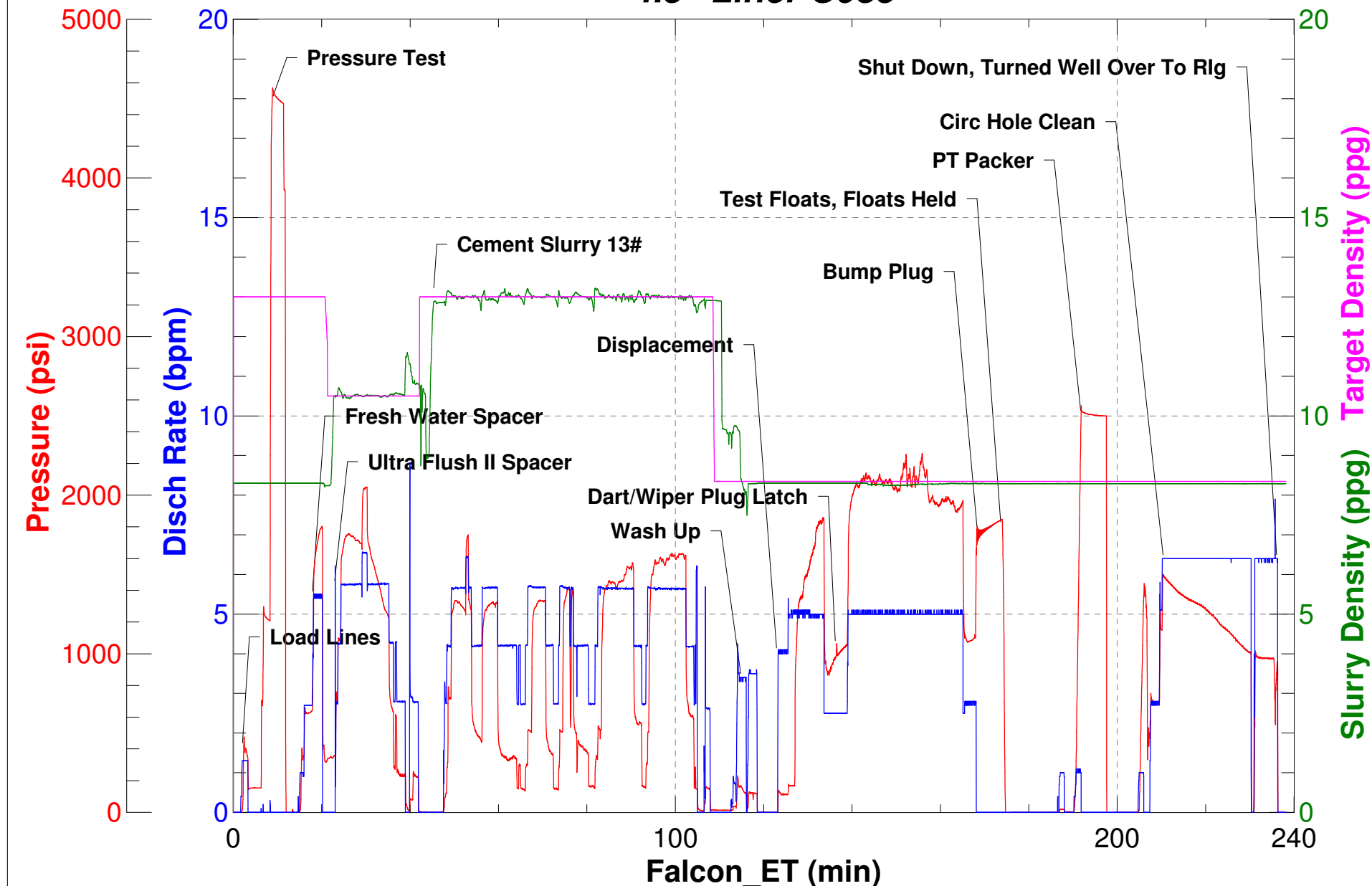
CEMENT JOB REPORT



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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	4569 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
07:34	1859	0	0	0	H2O	TEST FLOATS, BLEED OFF PRESSURE	
07:35	0	0	0	0	H2O	FLOATS HELD, 1 1/4 bbls FLOWED BACK	
07:36	0	0	0	0	H2O	RIG SETTING PACKER	
07:46	19	0	1	1	H2O	ESTABLISH BACK SIDE CIRCULATION	
07:48	0	0	0	0	H2O	SHUT DOWN, SHUT IN BACK SIDE	
07:50	2529	0	1	1.5	H2O	PRESSURE TEST PACKER	
07:52	2529	0	0	0	H2O	HOLD PRESSURE BACK SIDE	
07:57	2506	0	0	0	H2O	BLEED OFF PRESSURE	
07:58	0	0	0	0	H2O	ZERO PRESSURE ON CEMENT PUMP, ON A SQUIRT OF FLUID BACK, RIGS CHECK VALVE TRAPPED PRESSURE ON BACK SIDE	
08:05	1400	0	0	0	H2O	PUT PRESSURE ON DRILL PIPE STRING	
08:06	0	0	0	0	H2O	RIG STINGING OUT	
08:07	1496	0	6.4	100	H2O	CIRCULATE HOLE CLEAN	
08:25	1149	0	6.4	73	H2O	CIRCULATE HOLE CLEAN	
08:36	0	0	0	0	H2O	SHUT DOWN	
08:38	0	0	0	0	H2O	TURNED WELL BACK OVER TO RIG	
08:40						POST-JOB SAFETY MEETING, RIG DOWN	
						TOP OF CEMENT @ APPROX 9895'	
						APPROX 70 bbls OF ULTRA FLUSH SPACER BACK TO SURFACE	
						GAS FLOWING BACK DURING SPACERS, CEMENT & DISPLACEMENT	
						THANK YOU FOR YOUR SAFE WORK, GOOD COMMUNICATION & COOPERATION !!!!! DANIEL & THE CREW	

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	1816	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	765.8	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

4.5" Liner C085





FIELD RECEIPT NO. 10011160612

CUSTOMER BAYSWATER EXPLORATION & PRODUCTION					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20007918 - 00244714		INVOICE NUMBER				
MAIL INVOICE TO		STREET OR BOX NUMBER 730 17TH ST, STE 610				CITY DENVER		STATE Colorado		ZIP CODE 80202					
DATE WORK COMPLETED		MO. 06	DAY 27	YEAR 2015	BHI REPRESENTATIVE Daniel F Kuenz		WELL API NO: 05123408960000		WELL TYPE : New Well						
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 16,576			WELL CLASS : Oil							
WELL NAME AND NUMBER SHERLEY #G-4-9HC					TD WELL DEPTH (ft) 16,582			GAS USED ON JOB : No Gas							
WELL LOCATION :		LEGAL DESCRIPTION 4-5N-65W				COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Liner					
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT					
100021	Class G Cement				sacks	388	31.800	12,338.40	65%	4,318.44					
100121	Silica Flour				lbs	13020	0.590	7,681.80	65%	2,688.63					
100275	Sodium Metasilicate				lbs	66	4.100	270.60	65%	94.71					
100283	R-3				lbs	284	3.840	1,090.56	65%	381.70					
100316	Barite, Bulk				lbs	16200	0.630	10,206.00	65%	3,572.10					
100317	Poz (Fly Ash)				sacks	388	14.200	5,509.60	65%	1,928.36					
398117	Ultra Flush II System				bbls	80	213.500	17,080.00	65%	5,978.00					
411402	ALPHA 1427				gals	10	160.500	1,605.00	65%	561.75					
424509	FP-13L				gals	5	187.500	937.50	65%	328.13					
488015	FL-52				lbs	262	26.900	7,047.80	65%	2,466.73					
488019	FP-6L				gals	10	104.250	1,042.50	65%	364.88					
488353	CSE-2				lbs	7750	1.700	13,175.00	65%	4,611.25					
488449	Bentonite II				lbs	1302	0.440	572.88	65%	200.51					
499632	Granulated Sugar				lbs	50	3.840	192.00	65%	67.20					
499705	ASA-301				lbs	391	20.250	7,917.75	65%	2,771.21					
499767	FL-63				lbs	391	72.000	28,152.00	65%	9,853.20					
L488515-330OW	ClayCare, 330 gl tote				gals	40	147.000	5,880.00	65%	2,058.00					
ARRIVE LOCATION :		MO. 06	DAY 27	YEAR 2015	TIME 01:15	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. <div style="border-top: 1px solid black; width: 100%; text-align: center;">CUSTOMER AUTHORIZED AGENT</div>					SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER. <div style="border-top: 1px solid black; width: 100%; text-align: center;">CUSTOMER AUTHORIZED AGENT</div>				
CUSTOMER REP. Red, Siji					<div style="border-top: 1px solid black; width: 100%; text-align: center;">BHI APPROVED</div>										
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS															



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PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT			
		SUB-TOTAL FOR Product Material							120,699.39	65.00%	42,244.80			
A152		Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00			
M100		Bulk Materials Blending Charge				cu ft	1386	5.450	7,553.70	65%	2,643.80			
		SUB-TOTAL FOR Service Charges							7,763.70	63.24%	2,853.80			
F085A		Cement Pumping, 16001 - 17000 ft				8hrs	1	47,400.000	47,400.00	65%	16,590.00			
F090		Fuel per pump charge - cement				pump/hr	8	70.250	562.00	0%	562.00			
J225		Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	65%	745.50			
J390		Mileage, Heavy Vehicle				miles	70	11.850	829.50	65%	290.33			
J391		Mileage, Auto, Pick-Up or Treating Van				miles	70	6.700	469.00	65%	164.15			
		SUB-TOTAL FOR Equipment							51,390.50	64.29%	18,351.98			
J401		Bulk Delivery, Dry Products				ton-mi	1837	3.940	7,237.78	65%	2,533.22			
		SUB-TOTAL FOR Freight/Delivery Charges							7,237.78	65.00%	2,533.22			
ARRIVE LOCATION :		MO. 06	DAY 27	YEAR 2015	TIME 01:15	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.				
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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
	FIELD ESTIMATE							187,091.37	64.73%	65,983.80
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