

# CEMENT JOB REPORT



<b>CUSTOMER</b> CASTLETON COMMODITIES II		<b>DATE</b> 07-SEP-14		<b>F.R. #</b> 10011097195		<b>SERV. SUPV.</b> Joseph Lyda	
<b>LEASE &amp; WELL NAME</b> SUMMIT POINT FEDERAL #1 - API 0511306276000		<b>LOCATION</b> s6t43r19w		<b>COUNTY-PARISH-BLOCK</b> San Miguel Colorado			
<b>DISTRICT</b> Farmington		<b>DRILLING CONTRACTOR RIG #</b> Frontier#4		<b>TYPE OF JOB</b> Surface			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD	TVD
9-5/8" Top Cem Plug, Nitri cvr, Phen-		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 FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Preflush Fresh Water				8.34				10	
Type III Blend			168	14.6	1.38	6.64		41	26.38
Fresh Water				8.34				182	
Sealbond Spacer 25				9				20	
Premium Lite FM			620	12.1	2.13	11.29		235	166.21
Type III Cement			200	14.6	1.37	6.64		0	0
Available Mix Water		500	Bbl.	Available Displ. Fluid		500	Bbl.	TOTAL	
								488	192.58

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25	100	2464	8.835	9.625	40	CSG	2446	2446	J-55	2446	2399	
			8.681	9.625	47	CSG	1199	1199	N-80			

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	84	CSG	80	80					9.625	8RD	WATER BASED MU	9

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	
182	BBLS	Fresh Water	8.34	560	0	0	0	0	3950	3160	WATER TANK

**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	3500 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
06:00						ARRIVE LOCATION	
10:00						PRE RIG/SPOT MEETING	
14:00						SAFETY MEETING	
15:00						CALL FOR DIFFERENT UNIT	
19:15						UNIT ARRIVE	
20:00						SAFETY MEETING	
20:14	3500	0	0	0	H2O	PRESSURE TEST LINES	
20:18	115	0	4	0	H2O	START 10 BBL FRESH WATER SPACER	
20:22	108	0	4	10	SEAL BON	START 20 BBL SEAL BOND	
20:26	127	0	4	20	CMT	START 235 BBLS 12 1# CEMENT	
21:20	0	0	0	0	CMT	SHUT DOWN BATCH MIX	
21:25	160	0	4	0	CMT	RESUME LEAD	
21:31	0	0	0	235	CMT	SHUT DOWN BATCH TAIL 14.6#	
21:36	197	0	4	0	CMT	START 41 BBLS TAIL	
21:48	0	0	0	41	CMT	SHUT DOWN DROP PLUG	
21:48	420	0	5.4	0	H2O	START 182 BBLS DISPLACEMENT	



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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	3500 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
22:04	420	0	5.4	92	H2O	CEMENT RETURNS 90 BBLS	
22:22	813	0	0	183	H2O	BUMP PLUG 813 PSI	
22:45	0	0	0	0	H2O	CHECK FLOAT 1.5BBLS BACK FLOAT HELD	
22:50	0	0			H2O	WASH UP RIG DOWN	

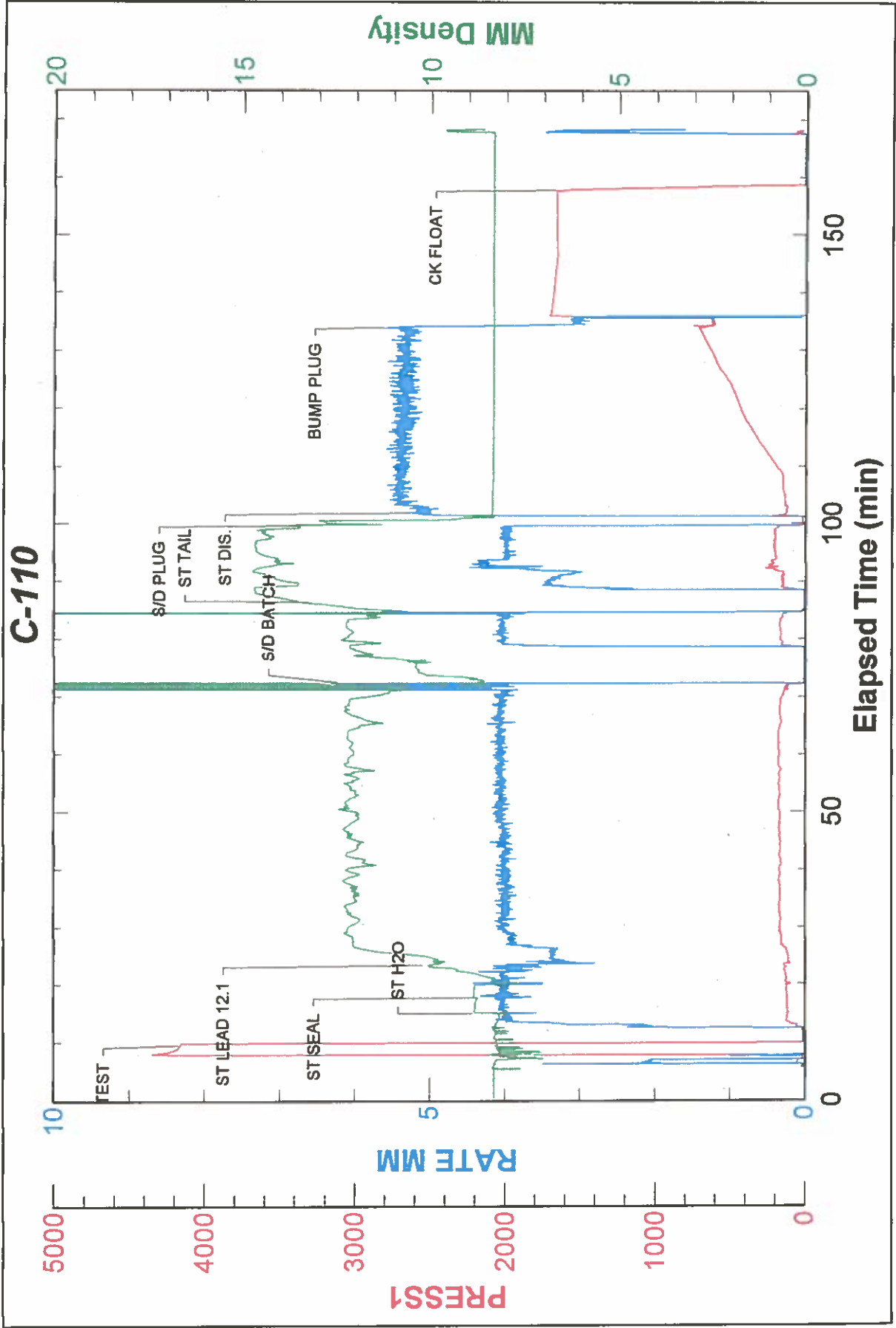
  

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	813	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	90	488	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





Baker Hughes JobMaster Program Version 3.60  
Job Number: 10011097195  
Customer: CCI  
Well Name: SUMMIT POINT FED#1





FIELD RECEIPT NO. 10011097195



CUSTOMER (COMPANY NAME) CASTLETON COMMODITIES INTERNATIONAL				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040142839 - 00401421		INVOICE NUMBER	
MAIL STREET OR BOX NUMBER 811 MAIN STREET, SUITE 3500				CITY Houston		STATE Texas		ZIP CODE 77002			
DATE WORK COMPLETED		MO. 09	DAY 07	YEAR 2014	BHI REPRESENTATIVE Joseph Lyda		WELL API NO: 05113062760000		WELL TYPE: New Well		
DISTRICT PP, FARMINGTON					JOB DEPTH (ft) 2,464		WELL CLASS: Gas				
WELL NAME AND NUMBER SUMMIT POINT FEDERAL #1					TD WELL DEPTH (ft) 2,500		GAS USED ON JOB: No Gas				
WELL		LEGAL DESCRIPTION s6143r19w			COUNTY/PARISH San Miguel		STATE Colorado		JOB TYPE CODE: Surface		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
F090	Fuel per pump charge - cement				pump/hr	3	70.250	210.75	0%	210.75	
FE003	Radio Communications				job	1	319.000	319.00	60%	127.60	
J050	Cement Head				job	1	830.000	830.00	60%	332.00	
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	60%	852.00	
J390	Mileage, Heavy Vehicle				miles	300	11.850	3,555.00	60%	1,422.00	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	300	6.700	2,010.00	60%	804.00	
	SUB-TOTAL FOR Equipment							14,304.75	59.12%	5,848.35	
J401	Bulk Delivery, Dry Products				ton-mi	5850	3.940	23,049.00	60%	9,219.60	
	SUB-TOTAL FOR Freight/Delivery Charges							23,049.00	60%	9,219.60	
	FIELD ESTIMATE							98,579.71	59.28%	40,145.14	
ARRIVE LOCATION : MO. 09 DAY 07 YEAR 2014 TIME 06:00					SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE FOLLOWING PAGES OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.						
CUSTOMER REP. MR. VERN MILLER					SEE NEXT PAGES FOR GENERAL TERMS AND CONDITIONS						
					CUSTOMER AUTHORIZED AGENT						
					BHI APPROVED						



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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100112	Calcium Chloride				lbs	1718	1.290	2,216.22	60%	886.49	
100120	Bentonite				lbs	4159	0.530	2,204.27	60%	881.71	
100275	Sodium Metasilicate				lbs	208	4.100	852.80	60%	341.12	
100294	LCM-1				lbs	3100	1.220	3,782.00	60%	1,512.80	
100295	Cello Flake				lbs	197	5.100	1,004.70	60%	401.88	
100356	Barite - Sacked				lbs	499	0.630	314.37	60%	125.75	
121116	Cement Plug, Rubber, Top 9-5/8 in				ea	1	403.20	403.20	60%	161.28	
398314	Premium Lite FM				sacks	620	35.630	22,090.60	60%	8,836.24	
488015	FL-52				lbs	240	26.900	6,456.00	60%	2,582.40	
499632	Granulated Sugar				lbs	200	3.840	768.00	0%	768.00	
499703	Type III Cement				sacks	168	39.600	6,652.80	60%	2,661.12	
L398464-00	SealBond Spacer 25, w/ 45 lb bag				bbls	20	347.000	6,940.00	60%	2,776.00	
SUB-TOTAL FOR Product Material								53,684.96	59.14%	21,934.79	
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00	
M100	Bulk Materials Blending Charge				cu ft	980	5.450	5,341.00	60%	2,136.40	
R798	Automatic Density System				Job	1	1,990.000	1,990.00	60%	796.00	
SUB-TOTAL FOR Service Charges								7,541.00	58.33%	3,142.40	
F057A	Cement Pumping, 2001 - 3000 ft				4hrs	1	5,250.000	5,250.00	60%	2,100.00	
ARRIVE MO. DAY YEAR					TIME		SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE FOLLOWING PAGES OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.				
LOCATION : 09 07 2014 06:00							SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.				
CUSTOMER REP. MR. VERN MILLER							CUSTOMER AUTHORIZED AGENT X				
SEE NEXT PAGES FOR GENERAL TERMS AND CONDITIONS							BHI APPROVED X				



# Quality Improvement



## PLEASE PRINT

Field Receipt No.: 10011087195 Date: 09-07-14

Customer Name: CASTLETON COMMODITIES INTL

Well Name: SUMMIT POINT FEDERAL #1

District: Farmington

Indicator	Performance	
	Yes	No
1. Did we pump the job as designed/requested?	<input checked="" type="radio"/>	<input type="radio"/>
2. Were the proper prejob and postjob QC tests performed?	<input checked="" type="radio"/>	<input type="radio"/>
3. Were we ready to pump when specified?	<input checked="" type="radio"/>	<input type="radio"/>
4. Did we conduct a thorough and timely prejob and postjob review with you?	<input checked="" type="radio"/>	<input type="radio"/>
5. Do you feel this job was performed in a safe manner?	<input checked="" type="radio"/>	<input type="radio"/>
6. Was the performance and appearance of our personnel professional?	<input checked="" type="radio"/>	<input type="radio"/>
7. Did our products satisfy your requirements?	<input checked="" type="radio"/>	<input type="radio"/>
8. Were you satisfied with our equipment performance and appearance?	<input checked="" type="radio"/>	<input type="radio"/>
Comments/What can we do to improve the next job?:		
Pump truck broke down waited 5 hours for replacement pump truck		
Would you like someone from our company to contact you regarding any of your concerns?		
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



# INTERNAL JOB EVALUATION

Please mark all problems which occurred during this job/operation. List problem products, units, and instruments to the left of the problem.

Indicator	Performance Standards
1. Pumped Job On Time?	MS (DM)
2. Zero Hotshots Required?	MS (DM)
3. High Pressure Lines Tested?	MS (DM)
4. Safety Meeting & Discuss Safety Requirements?	MS (DM)
5. Pumped According to Design?	MS PM (DM)
6. Job Parameters Recorded?	MS (DM)
7. Product Performance?	MS PM (DM)
8. Equipment Performance?	MS PM (DM)
9. Instrumentation Performance?	MS PM (DM)
10. Personnel Performance?	MS (DM)
11. Any Unsafe Acts or Conditions?	MS (DM)
12. Job Site Cleaned?	MS (DM)

MS - Met Standard  
PM - Partially Met Standard  
DM - Did Not Meet Standard

## Comments:

Micromotion quit working while trying to mix spacer.

<b>A. RTS Performance</b> 01 Under 1 Hour Late 02 1-4 Hours Late # Hrs. ____ 03 Over 4 Hours Late # Hrs. ____ <b>Cause:</b> 04 Borrowed Equip/Labor Late 05 Delay on Prior Job 06 District Personnel Late on Yard 07 Equipment Failure on Location 08 Equipment Failure on Way to Location 09 Equipment Failure on Yard 10 Hotshot Trip 11 Lost Way to Location 12 Outside Service Late 13 Poor Communications 14 Products Problem 15 Road/Location Conditions 16 Wait on Customer Rep 17 Other _____	<b>Product Code(s)</b> 01 Wrong Additive/Not Used 02 Contaminated Water 03 Contamination 04 Defective Material 05 Freezing 06 Incorrect Base Material 07 Incorrect Mixture 08 PH 09 Viscosity 10 Other _____	<b>Problem Unit(s)</b> 01 Fluid End 02 Suction/Disch. Manifold 03 Packing 04 Valves 05 Plunger 06 Pump Engine 07 Hydraulics 08 Power End 09 Supercharge/Mix Pump 10 Road Transmission 11 Vaporizer 12 Cold End/Warm End 13 Agitator 14 Chemical Pump 15 Dry Chemical Feeder 16 Chassis Electrical 17 Road Engine 18 Hydraulic/Air Hose 19 Air Valve(s) 20 Cement Mixing System 21 Blender Controls 22 Sand Screws 23 Suction/Discharge Pump 24 Deck Transmission 25 Tub Level 26 Ball Injector 27 Blower/Compressor 28 Pump Controls 29 Cement Head 30 Frac Head 31 Failed Line/Connection	<b>Problem Unit(s)</b> 01 Fluid End 02 Suction/Disch. Manifold 03 Packing 04 Valves 05 Plunger 06 Pump Engine 07 Hydraulics 08 Power End 09 Supercharge/Mix Pump 10 Road Transmission 11 Vaporizer 12 Cold End/Warm End 13 Agitator 14 Chemical Pump 15 Dry Chemical Feeder 16 Chassis Electrical 17 Road Engine 18 Hydraulic/Air Hose 19 Air Valve(s) 20 Cement Mixing System 21 Blender Controls 22 Sand Screws 23 Suction/Discharge Pump 24 Deck Transmission 25 Tub Level 26 Ball Injector 27 Blower/Compressor 28 Pump Controls 29 Cement Head 30 Frac Head 31 Failed Line/Connection	<b>P. Equipment Performance</b> 01 3305 Mini Monitor 02 3600/Isoplex 36 Hardware 03 Isoplex Hardware 04 Microplex Hardware 05 Monitor Setup or Operation 06 Computer 07 Monitor/LCD Display 08 JobMaster Software 09 JFrac/Frac RT Software 10 JSend 11 Satellite/Modem/Data Line 12 LAN/Wireless LAN 13 Printer 14 Overhead Display 15 Cable/Connector 16 Pressure Transducer 17 Densimeter 18 Flow Meter/Encoder/Mag PU 19 Viscometer/pH Probe/Temp 20 Controller Setup or Operation 21 ACC-II Hardware 22 UCMAC/MPendant Hardware 23 UEC or Pump Controls 24 Remote Control or Display 25 UPS/Inverter/Generator 26 Headsets/Radios 27 Other _____	<b>P. Equip. Performance. (Cont.)</b> 32 Pressure Relief Valve 33 Conveyor Assembly 34 Other _____
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## PLEASE PRINT

Field Receipt No.: 10011097195 Date: 09-07-14

Customer Name: CASTLETON COMMODITIES INTL

Well Name: SUMMIT POINT FEDERAL #1

District: Farmington

If product failure, list the trade name of the fluid used. Forward complete description, samples, and test data as per Field procedures manual to BJ Services Research, Technical Lab Services.

Report Print on 08-SEP-14 10:48 AM

Service Supervisor: 

District Manager: \_\_\_\_\_

J47311a