

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 28-OCT-14		F.R. # 10011112694			SERV. SUPV. Anthony J Staples						
LEASE & WELL NAME MOJACK #K-28HN - API 05123398550000			LOCATION 28-7N-64W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # FRONTIER 8			TYPE OF JOB Surface								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
9-5/8" Top Cem Plug, Nitrile cvr, Phe		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						0	8.34	0	0		10			
Type III Cement + Adds						250	14.5	1.41	6.81		62.8	40.53		
Fresh Water						0	8.34	0	0		57.4			
Available Mix Water 200 Bbl.			Available Displ. Fluid 200 Bbl.			TOTAL					130.2	40.53		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	30	798	8.835	9.625	40	CSG	788	788	J-55	788	743	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.
						No Packers					9.625	8RND	WATER BASED	8.8
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			
57.4	BBLS	Fresh Water		8.34	237	0	0	0	0	2816	2000	frac Tank		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 6.5 BPM						
Mud Density In: 8.8 LBS/GAL				Mud Density Out: 8.8 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: 2 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"/> RECIPROICATION <input type="checkbox"/> NONE <input checked="" type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 8				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:				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: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes						
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None														
PRESSURE/RATE DETAIL						EXPLANATION								

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	

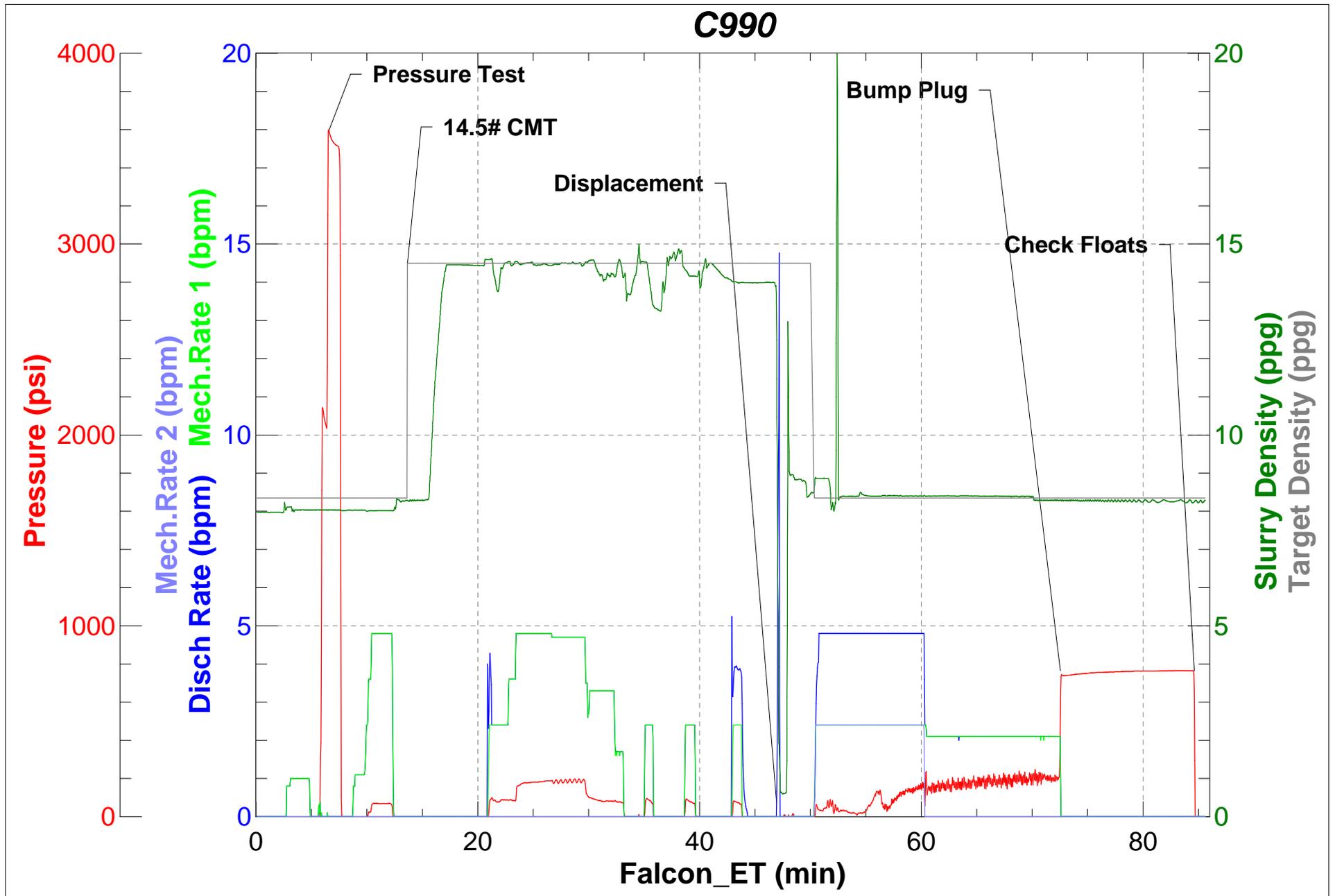
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
None

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	3599 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
10:45	0	0	0	0	N/A	Leave Yard	
11:50	0	0	0	0	N/A	Arrive on Location 48 Miles Rig Running Casing	
13:30	0	0	0	0	N/A	Spot Trucks	
13:35	0	0	0	0	N/A	Pre-Rig Up Safety Meeting	
14:40	0	0	0	0	N/A	Pre Job Safety Meeting	
15:36	0	0	1	1.5	H2O	Load Lines	
15:39	3599	0	0	0	H2O	Pressure Test	
15:44	65	0	4.8	10	H2O	Fresh Water Spacer	
15:50	181	0	4.8	62	CMT	Batch, Weigh, and Pump 14.5# Type III CMT + .08 lbs/sk Static Free + 2% CaCl + .25 lbs/sk Cello Flake +	
16:19	0	0	0	0	H2O	Shut Down/Wash Up Mixing Tub	
16:25	0	0	0	0	H2O	Drop Plug	
16:25	131	0	4.8	40	H2O	Displacement	
16:35	218	0	2	18	H2O	Rate Change	
16:47	756	0	0	0	H2O	Bump Plug @ 58 Bbls away... 11Bbls CMT to Surface	
17:00	0	0	0	0	H2O	Checked Floats	
17:05	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 type="checkbox"/> Y <input checked="" type="checkbox"/> N	218	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	11	132	0	Y <input type="checkbox"/> N	





FIELD RECEIPT NO. 10011112694

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. 10	DAY 28	YEAR 2014	BHI REPRESENTATIVE Anthony J Staples	WELL API NO: 05123398550000	WELL TYPE : New Well				
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 788	WELL CLASS : Oil				
WELL NAME AND NUMBER MOJACK #K-28HN					TD WELL DEPTH (ft) 798	GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 28-7N-64W			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	470	1.290	606.30	58%	254.65
100295	Cello Flake				lbs	53	5.100	270.30	58%	113.53
488019	FP-6L				gals	3	104.250	312.75	58%	131.36
499680	Static Free				lbs	20	40.700	814.00	58%	341.88
499703	Type III Cement				sacks	250	31.700	7,925.00	58%	3,328.50
	SUB-TOTAL FOR Product Material							9,928.35	58.00%	4,169.92
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge				cu ft	263	5.450	1,433.35	58%	602.01
M205	Environmental charges, non-BJ				ea	1	1,400.000	1,400.00	0%	1,400.00
	SUB-TOTAL FOR Service Charges							3,043.35	27.32%	2,212.01
ARRIVE LOCATION :	MO. 10	DAY 28	YEAR 2014	TIME 11:50	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. Mark Stoner					CUSTOMER AUTHORIZED AGENT				X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									CUSTOMER AUTHORIZED AGENT	



FIELD RECEIPT NO. 10011112694

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MAIL INVOICE TO		STREET OR BOX NUMBER 730 17TH ST, STE 610			CITY DENVER		STATE Colorado	ZIP CODE 80202		
DATE WORK COMPLETED	MO. 10	DAY 28	YEAR 2014	BHI REPRESENTATIVE Anthony J Staples	WELL API NO: 05123398550000	WELL TYPE : New Well				
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 788	WELL CLASS : Oil				
WELL NAME AND NUMBER MOJACK #K-28HN					TD WELL DEPTH (ft) 798	GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 28-7N-64W			COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Surface			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
F053A	Cement Pumping, 0 - 1000 ft				4hrs	1	3,200.000	3,200.00	58%	1,344.00
F090	Fuel per pump charge - cement				pump/hr	3	70.250	210.75	0%	210.75
J050	Cement Head				job	1	830.000	830.00	58%	348.60
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	58%	894.60
J390	Mileage, Heavy Vehicle				miles	48	11.850	568.80	58%	238.90
J391	Mileage, Auto, Pick-Up or Treating Van				miles	48	6.700	321.60	58%	135.07
	SUB-TOTAL FOR Equipment							7,261.15	56.32%	3,171.92
J401	Bulk Delivery, Dry Products				ton-mi	581	3.940	2,289.14	58%	961.44
	SUB-TOTAL FOR Freight/Delivery Charges							2,289.14	58.00%	961.44
	FIELD ESTIMATE							22,521.99	53.31%	10,515.29
ARRIVE LOCATION :	MO. 10	DAY 28	YEAR 2014	TIME 11:50	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. Mark Stoner					CUSTOMER AUTHORIZED AGENT				X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									CUSTOMER AUTHORIZED AGENT	

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 10-NOV-14		F.R. # 10011116655			SERV. SUPV. Anthony J Staples						
LEASE & WELL NAME MOJACK #K-28HN - API 05123398550000			LOCATION 28-7N-64W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Frontier 8			TYPE OF JOB Intermediate								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Cement Plug, Rubber, Top 7 in		Float Shoe 7 - 8rd												
		Float Collar, Auto Fill, 7 - 8rd												
		Centralizer, with Pins, 7 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						0	8.34	0	0		10			
MUD CLEAN I						0	8.5	0	0		20			
FRESH WATER						0	8.34	0	0		20			
PLHS + ADDITIVES			C11-030-14			415	12	2.42	13.60	03:21	178.9	134.53		
50:50 Class G/Poz + Addds			C11-030-14			225	14.4	1.22	5.37	02:27	48.9	28.69		
FRESH WATER						0	8.34	0	0		276.4			
Available Mix Water 200 Bbl.			Available Displ. Fluid 400 Bbl.			TOTAL					554.2	163.23		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	20	7281	6.276	7	26	CSG	7271	7041	P-110	7271	7225	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.
8.9	9.63	36	CSG	788	788	No Packer			0	0	7	8RND	WATER BASED	10.1
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				
276.4	BBLS	FRESH WATER	8.34	1527	0	0	0	0	7968	4000	Frac Tank			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 5 BPM						
Mud Density In: 10.1 LBS/G				Mud Density Out: 10.1 LBS/GAL				PV & YP Mud In: 15		PV & YP Mud Out: 15				
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: 2 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 59				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: 0 PSI				With 0 LBS/GAL				Mud		Time Held: 00 Hours 00 Minutes				

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)
None

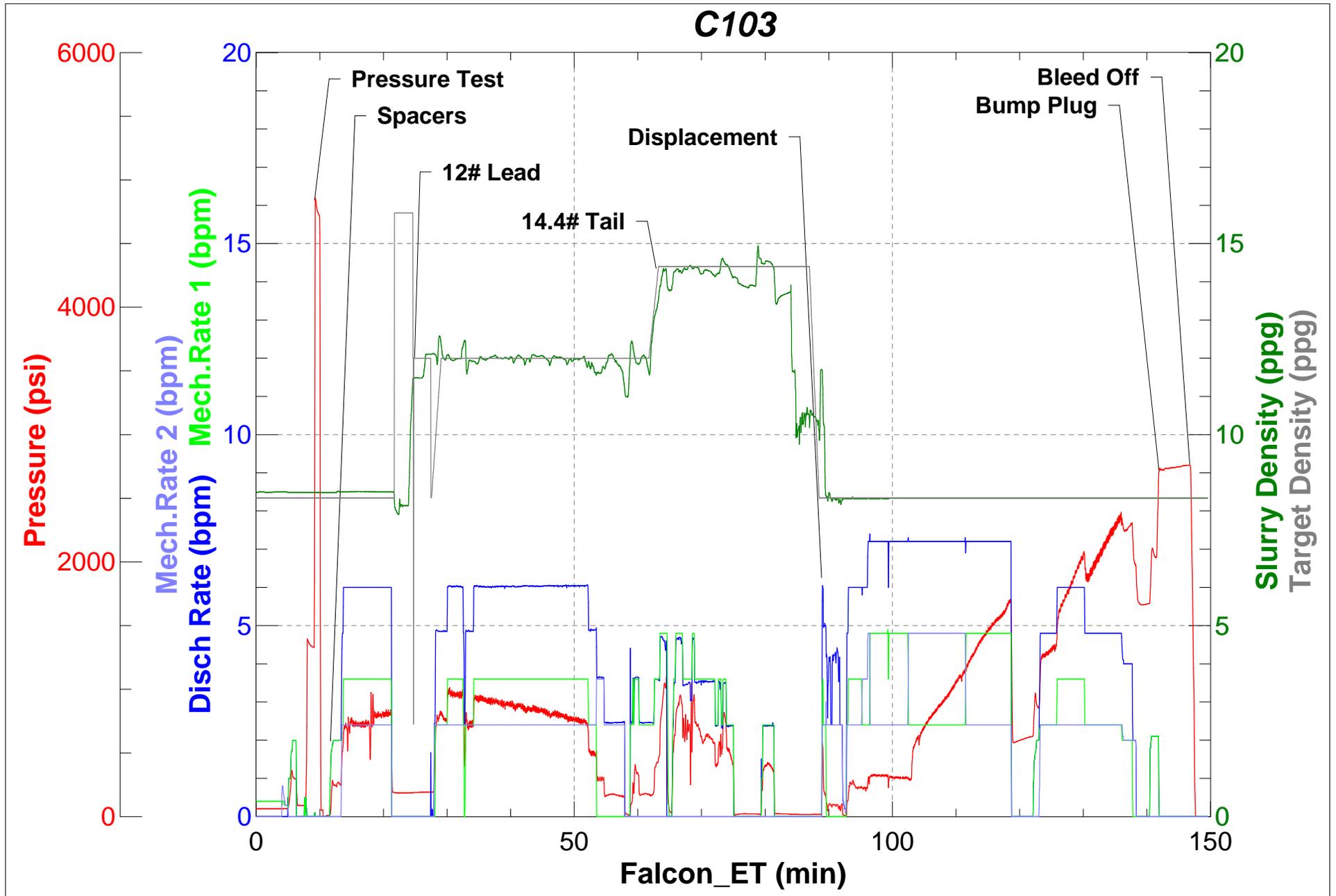
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
None

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	4863 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
15:17	0	0	0	0	N/A	Leave Yard	
16:30	0	0	0	0	N/A	Arrive On Location 50 Miles Rig Circulating	
16:37	0	0	0	0	N/A	Spot Trucks	
16:45	0	0	0	0	N/A	Pre-Rig Up Safety Meeting	
18:26	0	0	0	0	N/A	Pre-Job Safety Meeting/Rig Blowing down prior to Cementing	
19:23	313	0	2	2	H2O	Load Lines	
19:26	4863	0	0	0	H2O	Pressure Test	
19:30	487	0	5	10	H2O	Fresh Water Spacer	
19:33	645	0	6	20	H2O	Mud Clean I Spacer	
19:38	710	0	6	20	H2O	Fresh Water Spacer	
19:44	908	0	6	175	CMT	Batch, Weigh, and Pump 12# Premium Lite + .25 lbs/sk Cello Flake + .7% FL-52 + .2% ASA-301+ .2% SMS + .2% FL-66	
20:20	872	0	4.7	48	CMT	Pump 14.4# 50:50 Poz(Fly Ash) Class G + .3% CD-32 + .6% FL-52 + .3% SMS + .2% FL-66 + 2% Bentonite II	
20:41	0	0	0	0	H2O	Shut Down/Wash Up Mixing Tub	
20:48	0	0	0	0	H2O	Drop Plug	
20:48	1371	0	7.2	220	H2O	Displacement	
21:19	0	0	0	0	N/A	Shut Down By Mud Engineer Claiming Cement to Surface	
21:26	1791	0	6	20	H2O	Resumed Displacement	
21:29	1900	0	5	30	H2O	Rate Change	
21:40	2126	0	2.1	6	H2O	Rate Change	
21:43	0	0	0	0	H2O	Bumped Plug @ 276 bbls away, 5 Bbls of CMT to Surface	
21:46	0	0	0	0	H2O	Check Floats, 2.2 Bbls Back	
21:50	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	2126	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	5	549	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





FIELD RECEIPT NO. 10011116655

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. 11	DAY 10	YEAR 2014	BHI REPRESENTATIVE Anthony J Staples	WELL API NO: 05123398550000	WELL TYPE : New Well				
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 7,271	WELL CLASS : Oil				
WELL NAME AND NUMBER MOJACK #K-28HN					TD WELL DEPTH (ft) 7,281	GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 28-7N-64W			COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Intermediate			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement				sacks	113	31.800	3,593.40	58%	1,509.23
100112	Calcium Chloride				lbs	300	1.290	387.00	70%	116.10
100275	Sodium Metasilicate				lbs	129	4.100	528.90	58%	222.14
100295	Cello Flake				lbs	104	5.100	530.40	58%	222.77
100317	Poz (Fly Ash)				sacks	113	14.200	1,604.60	58%	673.93
100404	Sodium Chloride				lbs	100	0.520	52.00	70%	15.60
398110	Mud Clean I				gals	840	1.700	1,428.00	58%	599.76
398244	Premium Lite High Strength				sacks	415	57.800	23,987.00	58%	10,074.54
488013	CD-32				lbs	57	13.300	758.10	58%	318.40
488015	FL-52				lbs	367	26.900	9,872.30	58%	4,146.37
488019	FP-6L				gals	8	104.250	834.00	58%	350.28
488269	FL-66				lbs	110	72.500	7,975.00	58%	3,349.50
488449	Bentonite II				lbs	378	0.440	166.32	58%	69.85
499632	Granulated Sugar				lbs	50	3.840	192.00	58%	80.64
499705	ASA-301				lbs	72	20.250	1,458.00	58%	612.36
SUB-TOTAL FOR Product Material								53,367.02	58.10%	22,361.47
ARRIVE LOCATION :	MO. 11	DAY 10	YEAR 2014	TIME 16:37	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. Scott Osbourne					CUSTOMER AUTHORIZED AGENT				X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									CUSTOMER AUTHORIZED AGENT	



FIELD RECEIPT NO. 10011116655

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. 11	DAY 10	YEAR 2014	BHI REPRESENTATIVE Anthony J Staples	WELL API NO: 05123398550000	WELL TYPE : New Well				
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 7,271	WELL CLASS : Oil				
WELL NAME AND NUMBER MOJACK #K-28HN					TD WELL DEPTH (ft) 7,281	GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 28-7N-64W			COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Intermediate			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge				cu ft	735	5.450	4,005.75	58%	1,682.42
M205	Environmental charges, non-BJ				ea	1400	1.000	1,400.00	0%	1,400.00
	SUB-TOTAL FOR Service Charges							5,615.75	41.37%	3,292.42
F067A	Cement Pumping, 7001 - 8000 ft				6hrs	1	9,525.000	9,525.00	58%	4,000.50
F090	Fuel per pump charge - cement				pump/hr	6	70.250	421.50	58%	177.03
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	58%	894.60
J390	Mileage, Heavy Vehicle				miles	100	11.850	1,185.00	58%	497.70
J391	Mileage, Auto, Pick-Up or Treating Van				miles	100	6.700	670.00	58%	281.40
	SUB-TOTAL FOR Equipment							13,931.50	58%	5,851.23
J401	Bulk Delivery, Dry Products				ton-mi	1502	3.940	5,917.88	58%	2,485.51
	SUB-TOTAL FOR Freight/Delivery Charges							5,917.88	58.00%	2,485.51
	FIELD ESTIMATE							78,832.15	56.88%	33,990.63
ARRIVE LOCATION :	MO. 11	DAY 10	YEAR 2014	TIME 16:37	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. Scott Osbourne					CUSTOMER AUTHORIZED AGENT				X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									X	

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 01-DEC-14		F.R. # 10011122315			SERV. SUPV. JASON L SJOBERG						
LEASE & WELL NAME MOJACK #K-28HN - API 05123398550000			LOCATION 28-7N-64W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG #			TYPE OF JOB Liner								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Dart For Plug Catcher, 4-1/2 In		Guide Shoe, Cement Nose, 4-1/2 i							Liner		6496			
		Float Collar, Auto Fill, 4-1/2 - 8rd												
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			N/A			0	8.34	0	0	00:00	20			
UltraFlush Spacer			N/A			0	12	0	0	00:00	40			
(50:50) Class G:Poz + Adds						383	14.5	1.44	6.20		98.22	56.52		
Fresh Water			N/A			0	8.34	0	0	00:00	140			
Available Mix Water		300	Bbl.		Available Displ. Fluid		300	Bbl.		TOTAL	298.22	56.52		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6.125	0	11604	3.34	4	14	DP	4652		S-135	11603	11593	1		
			2.563	4	28	DP	1843		S-135					
			4	4.5	11.6	CSG	11603		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.
6.3	7	26	CSG	7271		Liner		6496	0	0	4	XT39	WATER BASED	9.3
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			
140	BBLs	Fresh Water		8.34	575	0	0	0	0	8552	6000	Frac tank		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 11			Circulation Rate: 5 BPM								
Mud Density In: 9.3 LBS/GAL			Mud Density Out: 9.3 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: 1.5 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Quantity:			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID								
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" 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: 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	

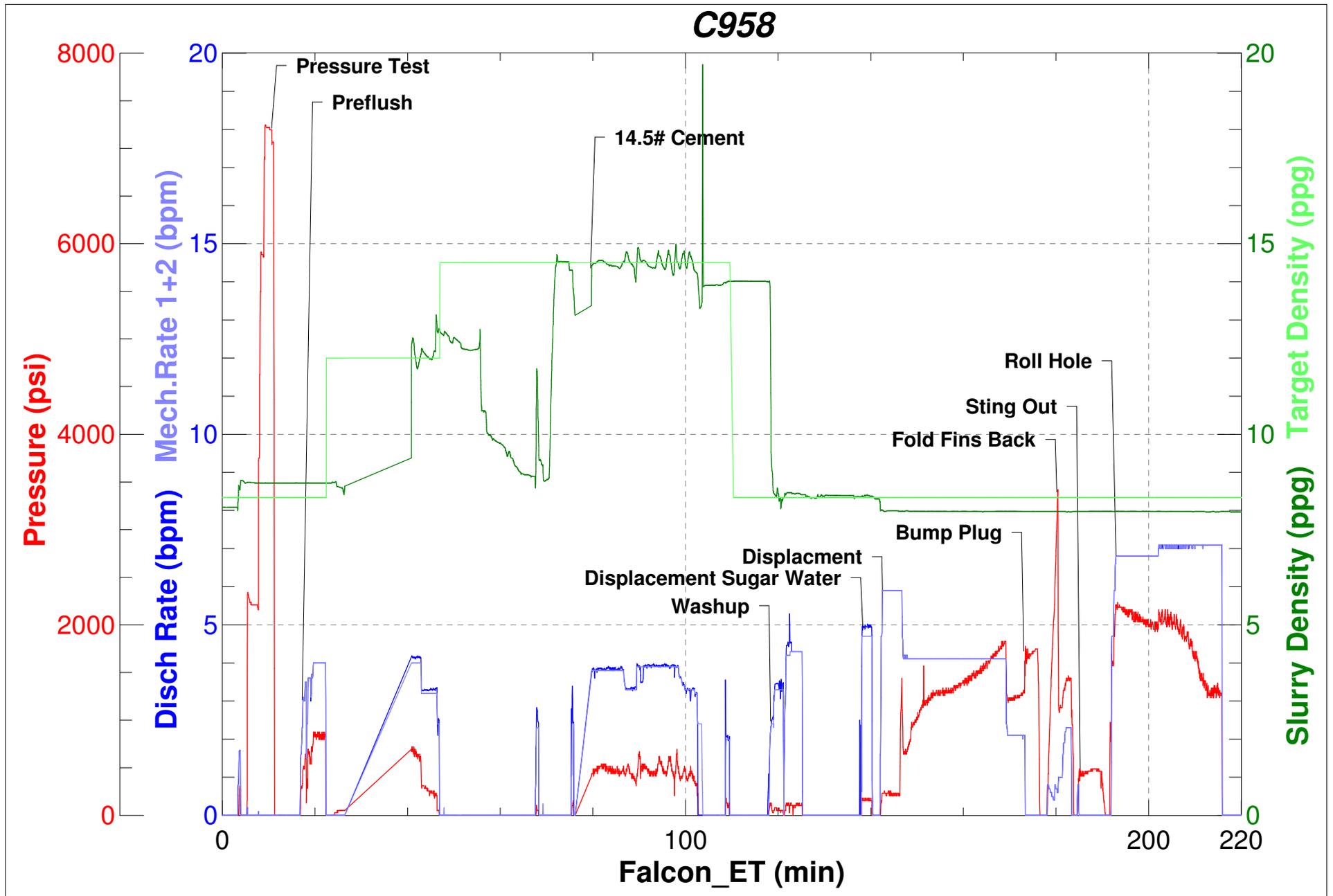
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 Cement tested 15+ hours and was unacceptable. Had to re-blend cement and wait for a test before pumping slurry.

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 7220 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
09:30	0	0	0	0	NA	Yard Call 12-1-14	
00:40	0	0	0	0	NA	Leave Yard for Double	
01:53	0	0	0	0	NA	Arrive on Location	
02:15	0	0	0	0	NA	Spot Trucks/Pre Rig-up Safety Meeting	
03:16	0	0	0	0	NA	New Slurry to be re-blended and tested (Current blend went for 15+ hours)	
13:20	0	0	0	0	NA	Safety Meeting	
14:18	7220	0	0	0	H2O	Pressure Test Pump and Lines	
14:26	823	0	4	20	H2O	Preflush Fresh Water	
14:37	926	0	4.2	40	H2O	Preflush Ultraflush II	
15:22	540	0	3.8	97	CMT	Batch, Weigh, Pump 14.5# 50:50 Poz G + .25% R-3 + .6% FL-52 + 20% Silica Flour + .2% BA-59 + .2% FL-66 + 3% Bentonite	
16:07	0	0	0	0	N/A	Shut Down and Wash Up	
16:25	0	0	0	0	N/A	Drop Dart	
16:33	180	0	4.8	10	H2O	Displacement Sugar Water	
16:37	206	0	5.9	35	H2O	Displacement	
16:42	669	0	4.1	87	H2O	Drop Rate	
17:05	1208	0	2.1	8	H2O	Drop Rate	
17:09	1275	0	2.1	140	H2O	Bump Plug	
17:12	1701	0	0	0	N/A	Check Floats	
17:13	3468	0	0	0	H2O	Fold Fins on Dart Over	
17:16	1414	0	2.3	5	H2O	Pump 5 bbls sugar water for wet shoe	
17:22	480	0	0	0	N/A	Sting Out	
17:27	2210	0	6.8	166	H2O	Roll 7" Casing	
18:00	0	0	0	0	N/A	Post Job 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	6	509	0	Y <input checked="" type="checkbox"/> N	





CUSTOMER (COMPANY NAME) 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. 12	DAY 01	YEAR 2014	BHI REPRESENTATIVE JASON L SJOBERG	WELL API NO 05123398550000	WELL TYPE : New Well				
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 11,603	WELL CLASS : Gas				
WELL NAME AND NUMBER MOJACK #K-28HN					TD WELL DEPTH (ft) 11,604	GAS USED ON JOB : No Gas				
WELL	LEGAL DESCRIPTION 28-7N-64W			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	192	31.800	6,105.60	58%	2,564.35
100112	Calcium Chloride				lbs	300	1.290	387.00	70%	116.10
100121	Silica Flour				lbs	6435	0.590	3,796.65	58%	1,594.59
100283	R-3				lbs	81	3.840	311.04	58%	130.64
100316	Barite, Bulk				lbs	8200	0.630	5,166.00	58%	2,169.72
100317	Poz (Fly Ash)				sacks	192	14.200	2,726.40	58%	1,145.09
100404	Sodium Chloride				lbs	100	0.520	52.00	70%	15.60
398117	Ultra Flush II System				bbls	40	213.500	8,540.00	58%	3,586.80
428086	BA-59				lbs	65	36.000	2,340.00	58%	982.80
488015	FL-52				lbs	193	26.900	5,191.70	58%	2,180.51
488019	FP-6L				gals	4	104.250	417.00	58%	175.14
488269	FL-66				lbs	65	72.500	4,712.50	58%	1,979.25
488449	Bentonite II				lbs	966	0.440	425.04	58%	178.52
499632	Granulated Sugar				lbs	50	3.840	192.00	58%	80.64
SUB-TOTAL FOR Product Material								40,362.93	58.13%	16,899.75
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge				cu ft	579	5.450	3,155.55	58%	1,325.33
M203	Handling Charge, Customer Materials				unit	296	0.050	14.80	0%	14.80
M205	Environmental charges, non-BJ				ea	1400	1.000	1,400.00	0%	1,400.00
ARRIVE LOCATION :	MO. 12	DAY 02	YEAR 2014	TIME 01:53	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.			SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		
CUSTOMER REP. Marsh Wing					CUSTOMER AUTHORIZED AGENT			CUSTOMER AUTHORIZED AGENT		
SEE NEXT PAGES FOR GENERAL TERMS AND CONDITIONS								X		
					CUSTOMER AUTHORIZED AGENT			BHI APPROVED		
					X					



CUSTOMER (COMPANY NAME) 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.	DAY	YEAR	BHI REPRESENTATIVE JASON L SJOBERG	WELL API NO 05123398550000		WELL TYPE : New Well			
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 11,603		WELL CLASS : Gas			
WELL NAME AND NUMBER MOJACK #K-28HN					TD WELL DEPTH (ft) 11,604		GAS USED ON JOB : No Gas			
WELL		LEGAL DESCRIPTION 28-7N-64W			COUNTY/PARISH Weld		STATE Colorado	JOB TYPE CODE : Liner		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
	SUB-TOTAL FOR Service Charges							4,780.35	38.29%	2,950.13
F075A	Cement Pumping, 11001 - 12000 ft				8hrs	1	20,950.000	20,950.00	58%	8,799.00
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	58%	894.60
J390	Mileage, Heavy Vehicle				miles	102	11.850	1,208.70	58%	507.65
J391	Mileage, Auto, Pick-Up or Treating Van				miles	102	6.700	683.40	58%	287.03
	SUB-TOTAL FOR Equipment							25,534.10	56.72%	11,050.28
J401	Bulk Delivery, Dry Products				ton-mi	1242	3.940	4,893.48	58%	2,055.26
	SUB-TOTAL FOR Freight/Delivery Charges							4,893.48	58.00%	2,055.26
	FIELD ESTIMATE							75,570.86	56.39%	32,955.42
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 FOLLOWING PAGES 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.	12	02	2014	01:53						
SEE NEXT PAGES FOR GENERAL TERMS AND CONDITIONS										
CUSTOMER AUTHORIZED AGENT					CUSTOMER AUTHORIZED AGENT			X		
					BHI APPROVED			X		