

# CEMENT JOB REPORT



<b>CUSTOMER</b> CUSTOMER (NOT FOR BILLIN)		<b>DATE</b> 14-AUG-14	<b>F.R. #</b> 10011091201		<b>SERV. SUPV.</b> ROBERT HORAN		
<b>LEASE &amp; WELL NAME</b> EWS #1 - API 05123397700000		<b>LOCATION</b> 26-8N-60W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> ENSIGN 138		<b>TYPE OF JOB</b> Surface			
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b> <b>TVD</b> <b>HANGER TYPES</b> <b>MD</b> <b>TVD</b>	
Cement Plug, Rubber Top 9-5/8 in-PC		Float Collar, Auto Fill, 9-5/8 - 8rd		NONE			
		Float Shoe 9-5/8 - 8rd					
		Cement Basket, Slip On, 9-5/8 in					
		Centralizer, with Pins, 9-5/8 in					
<b>MATERIALS FURNISHED BY BJ</b>		<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>			
				<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	
Fresh Water + Dye		N/A		0	8.34	0	
Surface Cement				219	14.5	1.41	
Fresh Water		N/A		0	8.34	0	
<b>Available Mix Water</b> 500 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 500 <b>Bbl.</b>		<b>TOTAL</b>		114.71 35.56	
<b>HOLE</b>		<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>	
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b> <b>TVD</b> <b>GRADE</b> <b>SHOE</b> <b>FLOAT</b> <b>STAGE</b>
12.25	35	685	8.921	9.625	36	CSG	695 695 P-110 695 652 0
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</b> <b>WELL FLUID</b>
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b> <b>TVD</b>	<b>BRAND &amp; TYPE</b> <b>DEPTH</b> <b>TOP</b> <b>BTM</b>		<b>SIZE</b> <b>THREAD</b> <b>TYPE</b> <b>WGT.</b>
					NO PACKER		9.625 8 RND WATER BASED 8.34
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b> <b>MAX CSG PSI</b> <b>MIX WATER</b>
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b> <b>Operator</b> <b>RATED</b> <b>Operator</b>
50.4	BBLS	Fresh Water	8.34	0	0	0	0 0 2816 1500 RIG TANK
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1		Circulation Rate: 5 BPM	
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 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"/>			
<b>Displacement And Mud Removal</b>							
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"/> 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: 9		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							
<b>Plugs</b>							
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	
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>							
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	
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>							
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)  
NONE

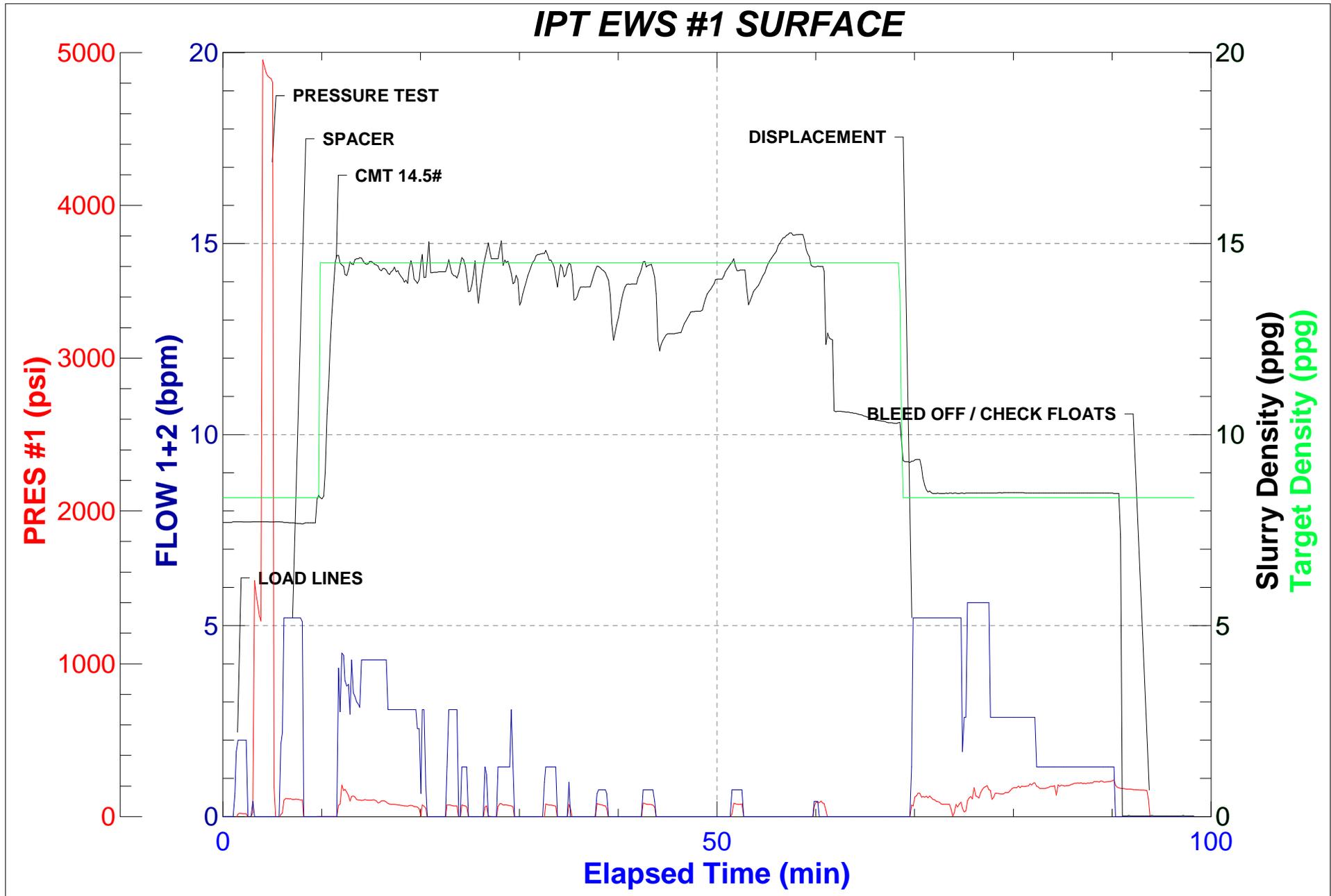
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
NONE

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 4952 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
07:00	0	0	0	0	N/A	YARD CALL
08:00	0	0	0	0	N/A	SAFETY MEETING
08:15	0	0	0	0	N/A	LEAVE YARD
10:00	0	0	0	0	N/A	ARRIVE LOCATION
10:30	0	0	0	0	N/A	STAGE TRUCKS
15:10	0	0	0	0	N/A	SAFETY MEETING
15:25		0	.8		H2O	LOAD LINES
15:30	4952	0	0	0	H2O	PRESSURE TEST
15:34	117	0	5.2	10	H2O	SPACER / DYE/ FRESH
15:38	124	0	4		CMT	BATCH, WEIGH, PUMP 14.5 #
16:29	0	0	0	0	H2O	DROP PLUG
16:38	92	0	5	10	H2O	DISPLACEMENT
16:45	120	0	3	20	H2O	RATE CHANGE
16:56	198	0	1.3	40	H2O	RATE CHANGE
17:00	254	0	1.3	50.4	H2O	BUMP PLUG
17:05	0	0	0	0	N/A	CHECK FLOATS / HELD
17:10	0	0	0	0	N/A	SAFETY MEETING

BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 254	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 4	TOTAL BBL. PUMPED 117	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:
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### IPT EWS #1 SURFACE





FIELD RECEIPT NO. 10011091201

CUSTOMER CUSTOMER (NOT FOR BILLING)					CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER 20077777 - 20077777	INVOICE NUMBER		
MAIL INVOICE TO : Contact Credit Before Perform Job.					CITY Houston	STATE Texas	ZIP CODE 77092			
DATE WORK COMPLETED	MO. 08	DAY 14	YEAR 2014	BHI REPRESENTATIVE ROBERT HORAN	WELL API NO: 05123397700000	WELL TYPE : New Well				
DISTRICT BJS, BRIGHTON					JOB DEPTH(ft) 695	WELL CLASS : Injection				
WELL NAME AND NUMBER EWS #1					TD WELL DEPTH(ft) 714	GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 26-8N-60W		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	318	1.290	410.22	50%	205.11
100295	Cello Flake				lbs	34	5.100	173.40	50%	86.70
488019	FP-6L				gals	2	104.250	208.50	50%	104.25
499632	Granulated Sugar				lbs	100	3.840	384.00	50%	192.00
499680	Static Free				lbs	18	40.700	732.60	50%	366.30
499703	Type III Cement				sacks	225	31.700	7,132.50	50%	3,566.25
	SUB-TOTAL FOR Product Material							9,041.22	50%	4,520.61
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge				cu ft	235	5.450	1,280.75	50%	640.38
	SUB-TOTAL FOR Service Charges							1,490.75	42.96%	850.38
ARRIVE LOCATION :	MO. 08	DAY 14	YEAR 2014	TIME 10:00	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. RED					CUSTOMER AUTHORIZED AGENT			X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								BHI APPROVED		
					CUSTOMER AUTHORIZED AGENT					



FIELD RECEIPT NO. 10011091201

<b>CUSTOMER</b> CUSTOMER (NOT FOR BILLING)					<b>CREDIT APPROVAL NO.</b>	<b>PURCHASE ORDER NO.</b>	<b>CUSTOMER NUMBER</b> 20077777 - 20077777	<b>INVOICE NUMBER</b>		
<b>MAIL INVOICE TO :</b> Contact Credit Before Perform Job.					<b>CITY</b> Houston	<b>STATE</b> Texas	<b>ZIP CODE</b> 77092			
<b>DATE WORK COMPLETED</b>	<b>MO.</b> 08	<b>DAY</b> 14	<b>YEAR</b> 2014	<b>BHI REPRESENTATIVE</b> ROBERT HORAN	<b>WELL API NO:</b> 05123397700000	<b>WELL TYPE :</b> New Well				
<b>DISTRICT</b> BJS, BRIGHTON					<b>JOB DEPTH(ft)</b> 695	<b>WELL CLASS :</b> Injection				
<b>WELL NAME AND NUMBER</b> EWS #1					<b>TD WELL DEPTH(ft)</b> 714	<b>GAS USED ON JOB :</b> No Gas				
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b> 26-8N-60W			<b>COUNTY/PARISH</b> Weld	<b>STATE</b> Colorado	<b>JOB TYPE CODE :</b> Surface			
<b>PRODUCT CODE</b>	<b>DESCRIPTION</b>				<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>
F053A	Cement Pumping, 0 - 1000 ft				4hrs	1	3,200.000	3,200.00	50%	1,600.00
F088	Cement Pumping, Additional hrs				hrs	2	900.000	1,800.00	0%	1,800.00
F090	Fuel per pump charge - cement				pump/hr	2	70.250	140.50	0%	140.50
J050	Cement Head				job	1	830.000	830.00	50%	415.00
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	50%	1,065.00
J390	Mileage, Heavy Vehicle				miles	152	11.850	1,801.20	50%	900.60
J391	Mileage, Auto, Pick-Up or Treating Van				miles	152	6.700	1,018.40	50%	509.20
	SUB-TOTAL FOR Equipment							10,920.10	41.12%	6,430.30
J401	Bulk Delivery, Dry Products				ton-mi	820	3.940	3,230.80	50%	1,615.40
	SUB-TOTAL FOR Freight/Delivery Charges							3,230.80	50%	1,615.40
	FIELD ESTIMATE							24,682.87	45.64%	13,416.69
<b>ARRIVE LOCATION :</b>	<b>MO.</b> 08	<b>DAY</b> 14	<b>YEAR</b> 2014	<b>TIME</b> 10:00	<b>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.</b>			<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>		
<b>CUSTOMER REP.</b> RED					<b>CUSTOMER AUTHORIZED AGENT</b> _____ <b>CUSTOMER AUTHORIZED AGENT</b>			<b>CUSTOMER AUTHORIZED AGENT</b> X		
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>								<b>BHI APPROVED</b> X		