

# CEMENT JOB REPORT



<b>CUSTOMER</b> Ensign United States Drilling		<b>DATE</b> 09-JUN-12	<b>F.R. #</b> 1001914787		<b>SERV. SUPV.</b> COLE W MARIOTT	
<b>LEASE &amp; WELL NAME</b> MARGIL 34PD - API 05123351520000		<b>LOCATION</b> 34-4N-68W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado		
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> ENSIGN 233		<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 8-5/8 in	Float Collar, Auto Fill, 8-5/8 - 8rd					
	Float Shoe 8-5/8 - 8rd					
<b>PHYSICAL SLURRY PROPERTIES</b>						
<b>MATERIALS FURNISHED BY BJ</b>	<b>LAB REPORT NO.</b>	<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>
Fresh Water	0	0	8.34	0	0	00:00
Fresh Water + Dye	0	0	8.34	0	0	00:00
Type III + 2% CaCl <sub>2</sub> + 25% CF	0	365	14.5	1.41	6.82	02:30
Available Mix Water	600 Bbl.	Available Displ. Fluid	200 Bbl.	<b>TOTAL</b>		161.00 59.31
<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>
12.25	20	1004	8.097 8.625	24	CSG	995 955 J-55
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</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>
— — —	OPEN HOLE	— —	No Packer	0	0 0	8.625 8RD
<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>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>
62.1	BBLS	Fresh Water	8.34	298	0	0 0 0 2360
						1000 RIG tank
<b>Circulation Prior to Job</b>						
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 3		Circulation Rate: 3 BPM	
Mud Density In: 8.6 LBS/GAL Mud Density Out: 8.6 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"/>	
<b>Displacement And Mud Removal</b>						
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>			Amount Bled Back After Job: 1.2 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: 6		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"/>	
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	
<b>Shoe Test (Update Original Treatment Report for Primary Job)</b>						
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			



# CEMENT JOB REPORT



Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

N/A

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

N/A

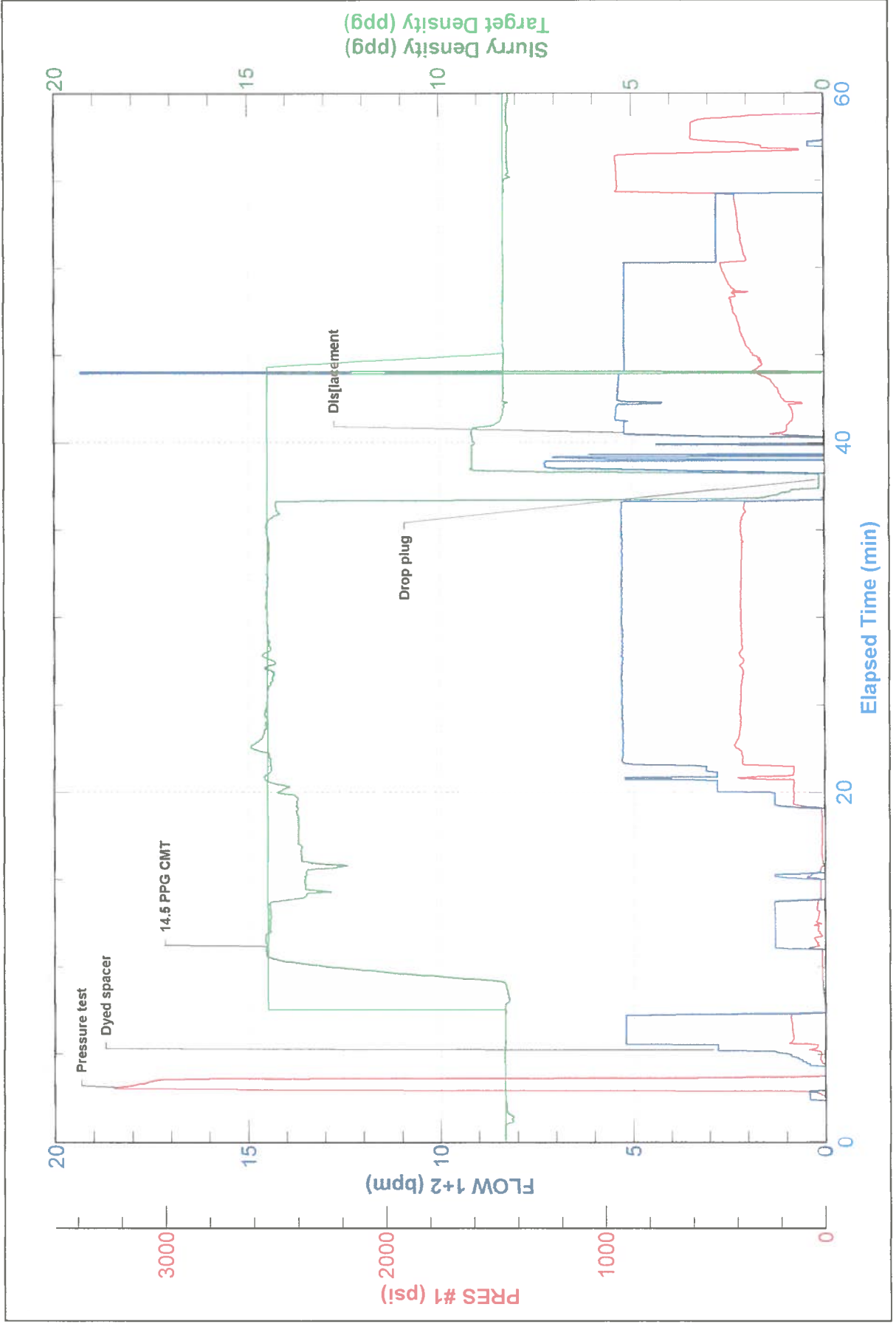
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

N/A

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	3235 PSI	CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:35	0	0	0	0	N/A	Arrive on location 28 miles			
13:20	0	0	0	0	N/A	Spot trucks rig ready for service			
13:30	0	0	0	0	N/A	Pre rig up safety meeting			
13:50	0	0	0	0	N/A	Pre job safety meeting			
14:00	3235	0	0	0	H2O	Pressure test			
14:05	207	0	5.2	10	H2O	Dyed spacer			
14:10	372	0	5.3	89	CMT	Batch up weigh and pump 365 sxs of Type III Cement + 0.08% lbs/sack Static Free + 2 % bwoc Calcium Chloride + 0.25% lbs/sack Cello Flake			
14:36	0	0	0	0	H2O	Drop plug			
14:39	471	0	5.3	52	H2O	Displacement			
14:48	413	0	2.8	10	H2O	Slow rate			
14:53	415	0	2.8	0	H2O	Bump plug			
14:53	941	0	0	0	H2O	Plug down			
14:55	500	0	0	0	0	Shut in 500 PSI			
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	415	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	20	161	500	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N			







70# 230604



FIELD RECEIPT NO. 1001914737

CUSTOMER Ensign United States Drilling		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20015430 - 20015430		INVOICE NUMBER	
MAIL INVOICE TO:		STREET OR BOX NUMBER P.O. Box 17805		CITY Denver		STATE Colorado		ZIP CODE 80217	
DATE WORK COMPLETED		MO. 06	DAY 09	YEAR 2012	BHI REPRESENTATIVE COLE W MARRIOTT		WELL API NO: 05123351520000		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 995		WELL TYPE: New Well		
WELL NAME AND NUMBER MARGIL 34PD					TD WELL DEPTH (ft) 1,004		WELL CLASS: Gas		
WELL LOCATION:		LEGAL DESCRIPTION 34-4N-68W			COUNTY/PARISH Weld		GAS USED ON JOB: No Gas		
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
F053A	Cement Pumping, 0 - 1000 ft	4hrs	1	3,200.00	62%	1,216.00			
F080	Fuel per pump charge - cement	pump/hr	2	70.250	0%	140.50			
J050	Cement Head	job	1	830.000	62%	315.40			
J225	Data Acquisition, Cement, Standard	job	1	2,130.000	62%	809.40			
J390	Mileage, Heavy Vehicle	miles	56	11.850	62%	252.17			
J391	Mileage, Auto, Pick-Up or Treating Van	miles	56	6.700	62%	142.58			
SUB-TOTAL FOR Equipment							7,339.30	60.81%	2,876.05
J401	Bulk Delivery, Dry Products	ton-mi	492	3.940	62%	736.62			
SUB-TOTAL FOR Freight/Delivery Charges							1,938.48	62.00%	736.62
FIELD ESTIMATE							26,237.71	61.17%	10,187.66
ARRIVE LOCATION:		MO.	DAY	YEAR	TIME				
CUSTOMER REP.		06	09	2012	12:35				
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		Craig Weitzel							
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.		Amad Blake		CUSTOMER AUTHORIZED AGENT					
SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		Paul Baker		BHI APPROVED					
CUSTOMER AUTHORIZED AGENT		J. J. Anderson							





FIELD RECEIPT NO. 1001914787

<b>CUSTOMER</b> Ensign United States Drilling				<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20015430 - 20015430		<b>INVOICE NUMBER</b>	
<b>MAIL</b> STREET OR BOX NUMBER P.O. Box 17805				<b>CITY</b> Denver		<b>STATE</b> Colorado		<b>ZIP CODE</b> 80217			
<b>DATE WORK COMPLETED</b> MO. 06 DAY 09 YEAR 2012		<b>BHI REPRESENTATIVE</b> COLE W MARRIOTT		<b>WELL API NO:</b> 05123351520000		<b>WELL TYPE:</b> New Well					
<b>DISTRICT</b> BJS, BRIGHTON				<b>JOB DEPTH (ft)</b> 995		<b>WELL CLASS:</b> Gas					
<b>WELL NAME AND NUMBER</b> MARGIL 34PD				<b>TD WELL DEPTH (ft)</b> 1,004		<b>GAS USED ON JOB:</b> No Gas					
<b>WELL LOCATION:</b> LEGAL DESCRIPTION 34-4N-68W				<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>PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>		
100112	Calcium Chloride			lbs	✓ 687	1.290	886.23	62%	336.77		
100295	Cello Flake			lbs	✓ 92	5.100	469.20	62%	178.30		
488019	FP-6L			gals	✓ 3	104.250	312.75	62%	118.85		
499632	Granulated Sugar			lbs	✓ 50	3.840	192.00	62%	72.96		
499680	Static Free			lbs	✓ 30	40.700	1,221.00	62%	463.98		
499703	Type III Cement			sacks	✓ 365	31.700	11,570.50	62%	4,396.79		
<b>SUB-TOTAL FOR Product Material</b>							14,651.68	62.00%	5,567.65		
A152	Personnel Per Diem Chrg - Cement Svc			ea	1	210.000	210.00	0%	210.00		
M100	Bulk Materials Blending Charge			cu ft	385	5.450	2,098.25	62%	797.34		
<b>SUB-TOTAL FOR Service Charges</b>							2,308.25	56.36%	1,007.34		
<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>ARRIVE LOCATION:</b> MO. 06 DAY 09 YEAR 2012 TIME 12:35				<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> Craig Weitzel				<b>CUSTOMER AUTHORIZED AGENT</b> <input checked="" type="checkbox"/> <b>BHI APPROVED</b> 							
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>				<b>CUSTOMER AUTHORIZED AGENT</b> 							