

# CEMENT JOB REPORT



<b>CUSTOMER</b> ENSIGN UNITED STATES DRILL		<b>DATE</b> 29-JUN-12	<b>F.R. #</b> 1001919246	<b>SERV. SUPV.</b> BARLEN M JOYNER									
<b>LEASE &amp; WELL NAME</b> MARGIL 43-34D - API 05123351640000		<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		None		0	0	None	0	0			
		Centralizer, with Pins, 8-5/8 in				-	-	-	-	-			
		Cement Basket, Slip On, 8-5/8 in				-	-	-	-	-			
		Float Shoe 8-5/8 - 8rd				-	-	-	-	-			
<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>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>			
Fresh Water		0		0	8.34	0	0	00:00	59.74	-			
Fresh Water + Dye		0		0	8.34	0	0	00:00	10	-			
TypeIII+ 2%CaCl+.25%CF		0		365	14.5	1.41	6.82	02:30	91.77	59.31			
Fresh Water		0		0	8.34	0	0	00:00	10	-			
Available Mix Water		200 Bbl.		Available Displ. Fluid		200 Bbl.		<b>TOTAL</b>		171.51	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>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>	
12.25	0	1001	8.097	8.625	24	CSG	991	991	J-55	991	938	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	0			8.625	8RND	WATER BASED	9.2
<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>			
59.7	BBLS	Fresh Water	8.34	299.8	0	0	0	0	2360	1000	RIG		
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 7 BPM					
Mud Density In: 9.2 LBS/GAL				Mud Density Out: 9.2 LBS/GAL				PV & YP Mud In: 35		PV & YP Mud Out: 35			
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: 0 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: 6				Type: <input checked="" 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 checked="" 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

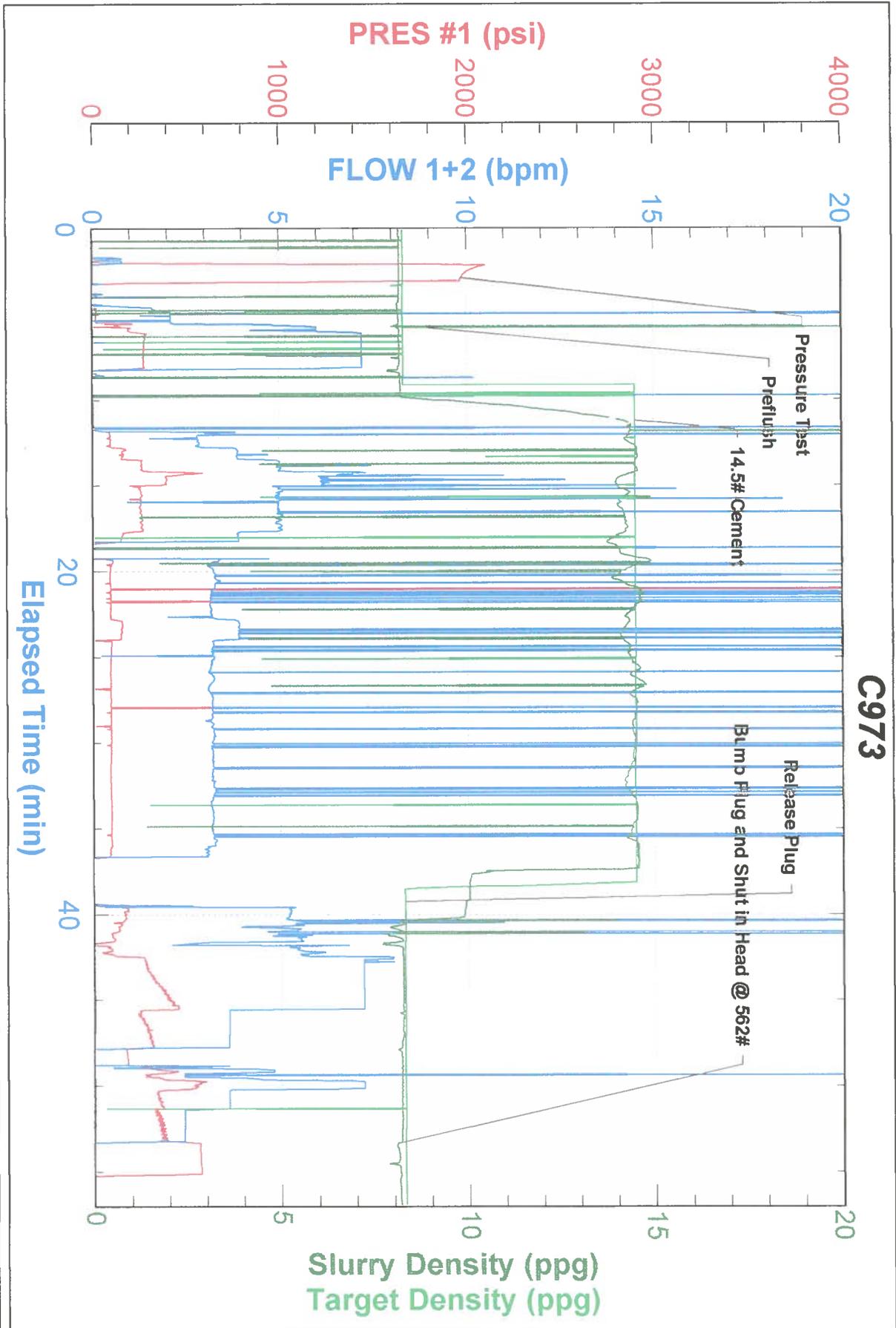
PRESSURE/RATE DETAIL						EXPLANATION			
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>			
	PIPE	ANNULUS				TEST LINES 2091 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
02:30	0	0	0	0	N/A	YARD CALL			
04:51	0	0	0	0	N/A	ARRIVE ON LOCATION (27 MI) CREW CHANGE			
06:30	0	0	0	0	N/A	RIG RUNNING CASING			
07:20	0	0	0	0	N/A	SPOT TRUCKS			
07:27	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING			
07:40	0	0	0	0	N/A	JOB SAFETY MEETING			
08:06	2091	0	0	0	H2O	PRESSURE TEST PUMP AND LINES			
08:08	285	0	7.2	10	H2O	PREFLUSH FRESH WATER			
08:12	276	0		10	H2O	PREFLUSH DYED WATER			
08:17	263	0	5	87	CMT	BATCH UP, WEIGH AND PUMP 365 SX OF 14.5# Type III + .08 lbs/sack Static Free + 2% Cacl2 + 0.25 lbs/sack Cello Flake(P.C.)			
08:45	0	0	0	0	N/A	DROP PLUG			
08:48	180	0	4.8	30	H2O	DISPLACEMENT			
08:51	250	0	3.6	25	H2O	DROP RATE			
08:57	350	0	2.4	5	H2O	DROP RATE			
08:59	377	0	2.4	60	H2O	BUMP PLUG			
09:00	562	0	0	0	N/A	PLUG DOWN			
09:02	562	0	0	0	N/A	SHUT IN HEAD @ 562#			
09:03	0	0	0	0	N/A	POST JOB SAFETY MEETING			
09:30	0	0	0	0	N/A	LEAVE LOCATION			

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	377	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10	167	562	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



BJ Services JobMaster Program Version 3.50  
Job Number: 1001919246  
Customer: Ensign  
Well Name: Margii 43-34D

### C973





FIELD RECEIPT NO. 1001919246

CUSTOMER: ENSIGN UNITED STATES DRILLING      CREDIT APPROVAL NO.      PURCHASE ORDER NO. **237032**      CUSTOMER NUMBER: 20015430 - 20015430      INVOICE NUMBER

MAIL: STREET OR BOX NUMBER: 1700 BROADWAY, STE 777 PO BOX 17805      CITY: DENVER      STATE: Colorado      ZIP CODE: 80217

INVOICE TO:      DATE WORK COMPLETED: 06/29/2012      BHI REPRESENTATIVE: BARLEN M JOYNER      WELL API NO.: 05123351640000      WELL TYPE: New Well

DISTRICT: BUS, BRIGHTON      WELL NAME AND NUMBER: MARGIL 43-34D      JOB DEPTH (ft): 991      WELL CLASS: Gas

WELL LOCATION:      LEGAL DESCRIPTION: 34-4N-68W      COUNTY/PARISH: Weld      STATE: Colorado      TD WELL DEPTH (ft): 1,001      GAS USED ON JOB: No Gas

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
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
SUB-TOTAL FOR Product Material					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	2,089.25	62%	797.34
SUB-TOTAL FOR Service Charges					2,308.25	56.36%	1,007.34

ARRIVE LOCATION: 06/29/2012 04:51      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.

CUSTOMER REP: Ron Blackman      SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS      CUSTOMER AUTHORIZED AGENT: *[Signature]*



FIELD RECEIPT NO. 1001919246

CUSTOMER		ENSIGN UNITED STATES DRILLING		CREDIT APPROVAL NO.	PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE		
INVOICE TO :		1700 BROADWAY, STE 777 PO BOX 17805		DENVER		Colorado		80217		
DATE WORK COMPLETED	MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE :				
06	29	2012	04:51	BARLEN M JOYNER	05123351640000	New Well				
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)	991	WELL CLASS :				
WELL NAME AND NUMBER		MARGIL 43-34D		TD WELL DEPTH (ft)	1,001	GAS USED ON JOB :				
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH	STATE	JOB TYPE CODE :				
34-4N-68W		Weid		Colorado		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	62%	1,216.00			
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	62%	315.40			
J225	Data Acquisition, Cement, Standard	job	1	2,130.000	2,130.00	62%	809.40			
J390	Mileage, Heavy Vehicle	miles	54	11.850	639.90	62%	243.16			
J391	Mileage, Auto, Pick-Up or Treating Van	miles	54	6.700	361.80	62%	137.48			
SUB-TOTAL FOR Equipment					7,302.20	60.81%	2,861.94			
Bulk Delivery, Dry Products			ton-mi	475	3.940	62%	711.17			
SUB-TOTAL FOR Freight/Delivery Charges					1,871.50	62%	711.17			
FIELD ESTIMATE					26,133.63	61.17%	10,148.10			

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.

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

*Ron Blackman*  
CUSTOMER AUTHORIZED AGENT

*Eric Hawk*  
BHI APPROVED  
CUSTOMER AUTHORIZED AGENT