

# 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>		
Cement Plug, Rubber, Top 8-5/8 in		Float Collar, Auto Fill, 8-5/8 - 8rd		None		0		0		None		
		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	—
Type III + 2%CaCl <sub>2</sub> + .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>WGT.</b>
						NO PACKER	0			8.625	8RND	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"/> 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 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												

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## 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

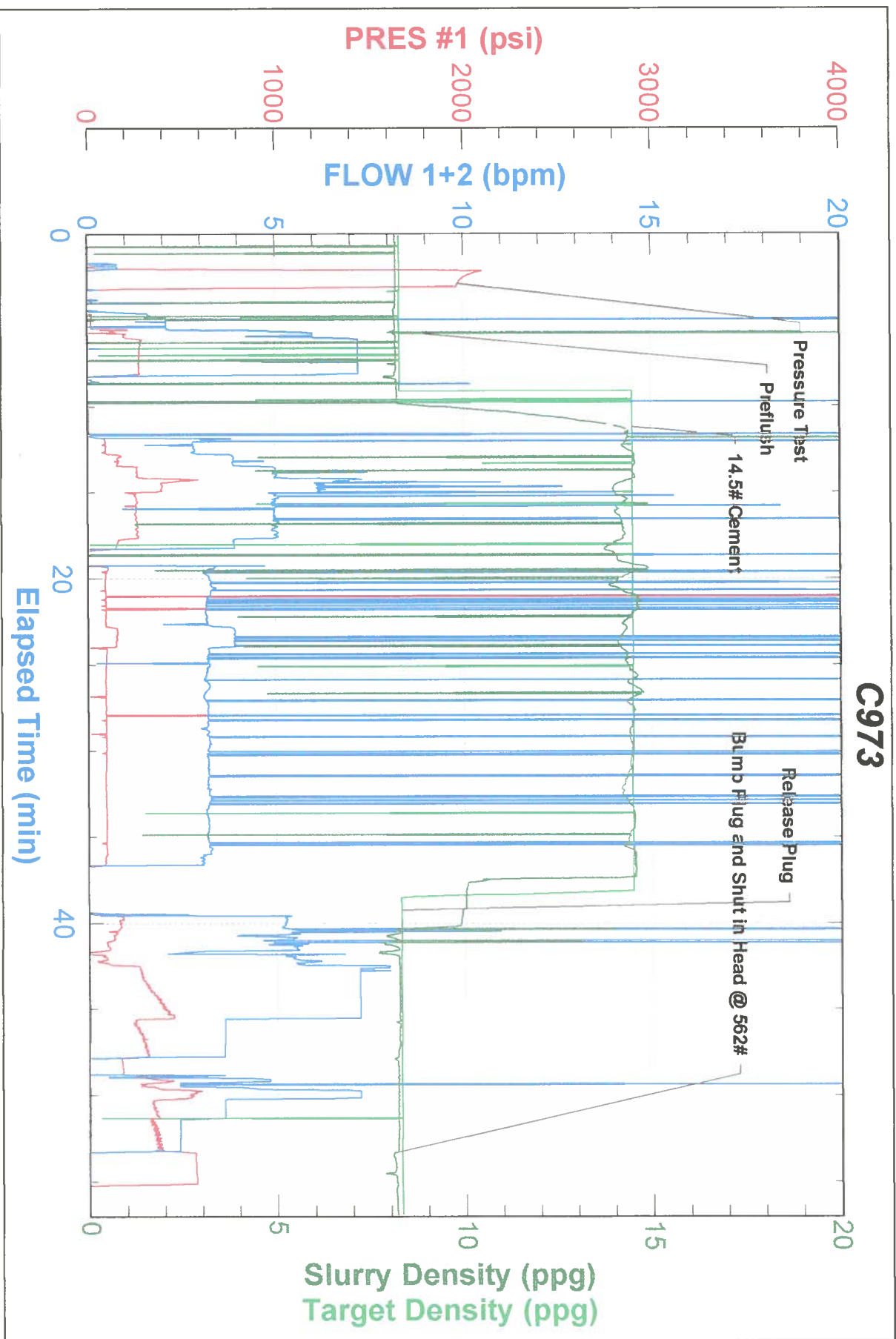
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 NONE

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 <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 377	TEST FLOAT EQUIP. Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	BBL.CMT RETURNS/ REVERSED 10	TOTAL BBL. PUMPED 167	PSI LEFT ON CSG 562	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature:	



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





FIELD RECEIPT NO. 1001919246

CUSTOMER		ENSGIN UNITED STATES DRILLING		CREDIT APPROVAL NO.		PURCHASE ORDER NO. 237032		CUSTOMER NUMBER 20015430 - 20015430		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. 06	DAY 29	YEAR 2012	BHI REPRESENTATIVE	WELL API NO: 05123351640000		WELL TYPE : New Well							
DISTRICT						JOB DEPTH (ft) 991		WELL CLASS : Gas							
BJS, BRIGHTON						TD WELL DEPTH (ft) 1,001		GAS USED ON JOB : No Gas							
WELL NAME AND NUMBER		MARGIL 43-34D													
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :							
		34-4N-68W		Weld		Colorado		Surface							
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%		483.98	
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		2,096.25		62%		797.34	
		SUB-TOTAL FOR Service Charges								2,308.25		56.36%		1,007.34	
ARRIVE LOCATION :		MO. 06	DAY 29	YEAR 2012	TIME 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.						SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.			
CUSTOMER REP.		Ron Blackman				CUSTOMER AUTHORIZED AGENT						X		BHI APPROVED <i>Eric Hawk</i>	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						CUSTOMER AUTHORIZED AGENT						X			



FIELD RECEIPT NO. 1001919246

CUSTOMER		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
ENSIGN UNITED STATES DRILLING						20015430 - 20015430			
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		06	29	2012	BARLEN M JOYNER	05123351640000	New Well		
DISTRICT					JOB DEPTH (ft)	991	WELL CLASS :		
BJS, BRIGHTON							Gas		
WELL NAME AND NUMBER					TD WELL DEPTH (ft)	1,001	GAS USED ON JOB :		
MARGIL 43-34D							No Gas		
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :	
		34-4N-68W		Weld		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		
J401	Bulk Delivery, Dry Products	ton-mi	475	3.940	1,871.50	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		
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 LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.			
06 29 2012 04:51									
CUSTOMER REP.		Ron Blackman				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		BHI APPROVED				CUSTOMER AUTHORIZED AGENT			
		X				BHI APPROVED			