CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER	DATE	F.R. #	SERV. SUPV.
ENSIGN UNITED STATES DRI	29-JUL-12	1001926028	ERIC HARBIN

LEASE & WELL NAME	LOCATION	COUNTY-PARISH-BLOCK
COYLE 34ND - API 05123354840000	34-4N-68W	Weld Colorado
DISTRICT	**DRILLING CONTRACTOR RIG #**	**TYPE OF JOB**
Brighton	ENSIGN 233	Surface

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Top 8-5/8 in	Centralizer, with Pins, 8-5/8 in	—	—	—	—	—	—
—	Cement Basket, Slip On, 8-5/8 in	—	—	—	—	—	—
	Guide Shoe, Texas-Notched 8-5/8 i						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT3	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water	0	0	8.34	0	0	00:00	41.40	—
Fresh Water + Dye	0	0	8.34	0	0	00:00	10	—
TypeIII+ 2%CaCl+.25%CF	0	263	14.5	1.41	6.82	02:30	66.13	42.74
						TOTAL	117.52	42.74

Available Mix Water 300 Bbl. Available Displ. Fluid 150 Bbl.

HOLE SIZE	% EXCESS	DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
12.25	0	682	8.097	8.625	24	CSG	682	682	J-55	672	632	

LAST CASING ID	OD	WGT	TYPE	MD	TVD	PKR-CMT RET-BR PL-LINER BRAND & TYPE	DEPTH	PERF. DEPTH TOP	BTM	TOP CONN SIZE	THREAD	WELL FLUID TYPE	WGT.
						no packer				8.625	8 RD	WATER BASED	9.1

DISPL. VOLUME VOLUME	UOM	DISPL. FLUID TYPE	WGT.	CAL. PSI BUMP PLUG	CAL. MAX PSI TO REV.	OP. MAX SQ. PSI	MAX TBG PSI RATED	Operator	MAX CSG PSI RATED	Operator	MIX WATER
40.2	BBLS	Fresh Water	8.34	200	0	0	0	0	2950	2360	rig tank

Circulation Prior to Job

Circulated Well: Rig [X] BJ [ ] | Circulation Time: 1 | Circulation Rate: 6 BPM

Mud Density In: 9.1 LBS/GAL Mud Density Out: 9.1 LBS/GAL | PV & YP Mud In: 10 | PV & YP Mud Out: 10

Gas Present: NO [X] YES [ ] Units: | Solids Present at End of Circulation: NO [X] YES [ ]

Displacement And Mud Removal

Displaced By: Rig [ ] BJ [X] | Amount Bled Back After Job: 1 BBLS

Returns During Job: [ ] NONE [ ] PARTIAL [X] FULL | Method Used to Verify Returns: Visual

Cement Returns at Surface: [X] YES [ ] NO | Were Returns Planned at Surface: [ ] NO [X] YES

Pipe Movement: [ ] ROTATION [ ] RECIPROCATION [X] NONE [ ] UNABLE DUE TO STUCK PIPE

Centralizers: [ ] NO [X] YES | Quantity: 4 | Type: [X] BOW [ ] RIGID

Job Pumped Through: [ ] CHOKE MANIFOLD [ ] SQUEEZE MANIFOLD [X] MANIFOLD [ ] NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: | Wiper Balls Used: [X] NO [ ] YES Quantity:

Plug Catcher Used: [X] NO [ ] YES | Parabow Used: [X] NO [ ] YES

Was There a Bottom: [X] NO [ ] YES | Top of Plug: 0 FT | Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE [ ] SHOE SQUEEZE [ ] TOP OF LINER SQUEEZE [ ] PLANNED [ ] UNPLANNED [ ]

Liner Packer: [X] NO [ ] YES | Bond Log: [X] NO [ ] YES PSI Applied: Fluid Weight: 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:

PRESSURE/RATE DETAIL	EXPLANATION

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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

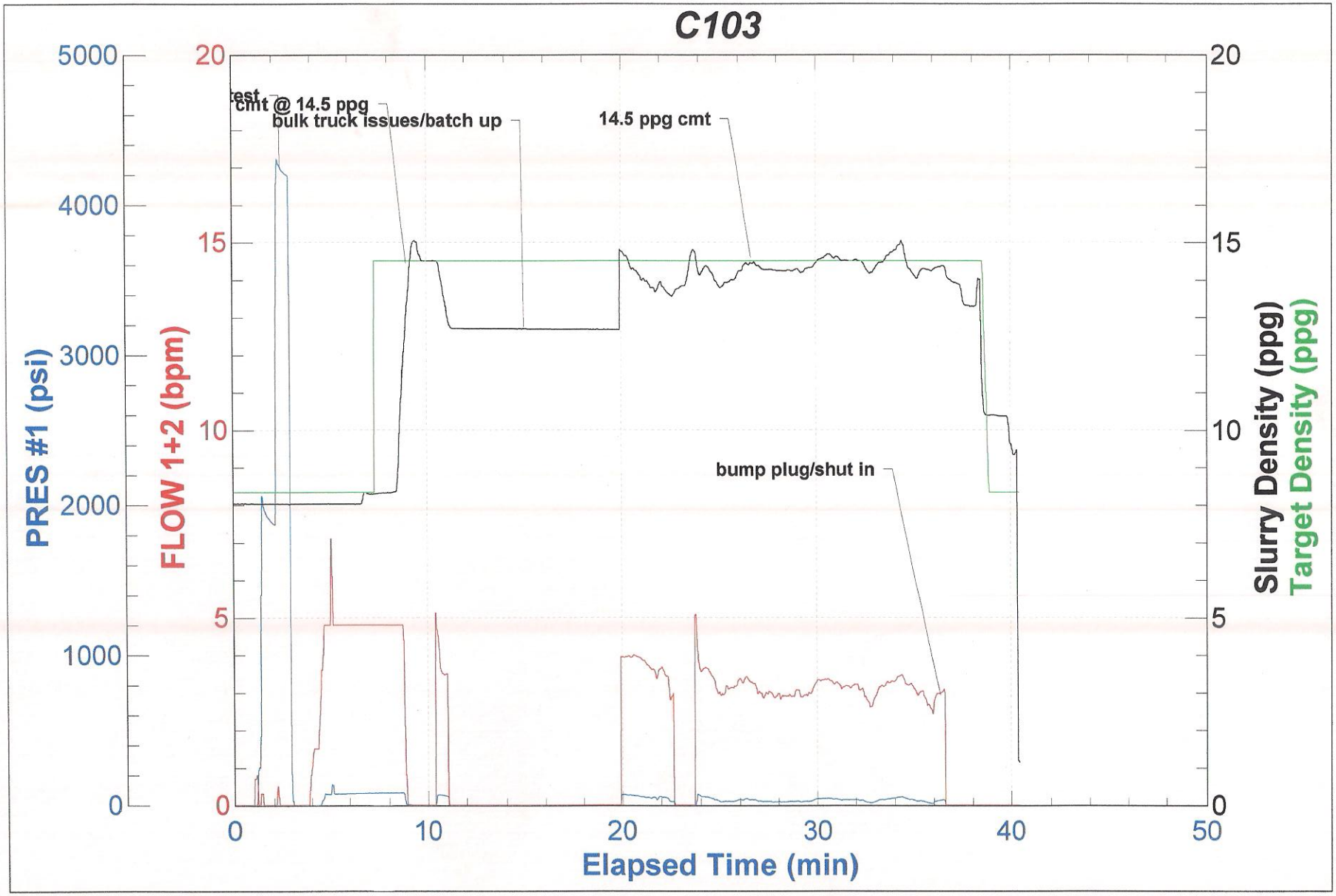
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
none

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

PRESSURE/RATE DETAIL						EXPLANATION
TIME HR:MIN.	PRESSURE - PSI PIPE	PRESSURE - PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW [X] CO. REP. [X]
						TEST LINES 4306 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
00:20	0	0	0	0	NA	leave yard
01:15	0	0	0	0	NA	Arrive on location
02:40	0	0	0	0	NA	Spot trucks
03:30	0	0	0	0	NA	Safety meeting
03:43	4306	0	0	0	H2O	Pressure test
03:47	45	0	4.8	10	H20	Fresh water spacer
03:49	77	0	4.8	10	H2O	Dyed fresh water spacer
03:51	0	0	0	0	NA	Shut down/prepare for cmt
04:08	71	0	3.9		CMT	Batch/weigh/pump lead cmt @ 14.5 ppg
04:26	0	0	0	0	NA	Shut down to clean pumps and lines
04:29	0	0	0	0	NA	Drop plug
04:31	60	0	5	30	H2O	Displacement
04:39	184	0	2.4	10	H20	Drop rate
04:41	996	0	2.4	40.2	H2O	Bump plug
04:43	268	0	0	0	NA	Shut in with 268 psi left on well.

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:
[Y] N	996	Y [N]	7	121	268	Y [N]	C Kinney

BJ Services JobMaster Program Version 3.50
Job Number: 1001926028
Customer: Synergy
Well Name: Coyle 34ND



BAKER HUGHES

FIELD RECEIPT NO. **1001926028**

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

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

DATE WORK COMPLETED	MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE :
	07	29	2012	ERIC HARBIN	05123354840000	New Well

DISTRICT	JOB DEPTH(ft)	WELL CLASS :
BJS, BRIGHTON	672	Gas

WELL NAME AND NUMBER	TD WELL DEPTH(ft)	GAS USED ON JOB :
COYLE 34ND	682	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
100112	Calcium Chloride	lbs	495	1.290	638.55	62%	242.65
100295	Cello Flake	lbs	66	5.100	336.60	62%	127.91
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	21	40.700	854.70	62%	324.79
499703	Type III Cement	sacks	263	31.700	8,337.10	62%	3,168.10
	SUB-TOTAL FOR Product Material				10,671.70	62.00%	4,055.26
A152	Personnel Per Diem Chrg - Cement Svc	ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge	cu ft	279	5.450	1,520.55	62%	577.81
	SUB-TOTAL FOR Service Charges				1,730.55	54.48%	787.81

ARRIVE LOCATION :	MO.	DAY	YEAR	TIME
	07	31	2012	01:15

CUSTOMER REP.
Craig Weitzel

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

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 AUTHORIZED AGENT

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

X CUSTOMER AUTHORIZED AGENT

X BHI APPROVED

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	34-4N-68W	Weld	Colorado	Surface

PO. 244755

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	60	11.850	711.00	62%	270.18
J391	Mileage, Auto, Pick-Up or Treating Van	miles	60	6.700	402.00	62%	152.76
	SUB-TOTAL FOR Equipment				7,413.50	60.82%	2,904.24
J401	Bulk Delivery, Dry Products	ton-mi	381	3.940	1,501.14	62%	570.43
	SUB-TOTAL FOR Freight/Delivery Charges				1,501.14	62.00%	570.43
	FIELD ESTIMATE				21,316.89	60.98%	8,317.74

ARRIVE LOCATION :	MO.	DAY	YEAR	TIME
	07	31	2012	01:15

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CUSTOMER AUTHORIZED AGENT

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X CUSTOMER AUTHORIZED AGENT Ephsain Fisher

X BHI APPROVED