

CEMENT JOB REPORT



CUSTOMER ENSIGN UNITED STATES DRILL		DATE 06-AUG-12	F.R. # 1001927516	SERV. SUPV. JOHN R WUDARCZYK											
LEASE & WELL NAME COYLE #34OD - API 05123354890000		LOCATION 34-4N-68W		COUNTY-PARISH-BLOCK Weld Colorado											
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSIGN 233		TYPE OF JOB Surface											
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD	TVD					
Cement Plug, Rubber, Top 8-5/8 in		Float Shoe 8-5/8 - 8rd													
		Centralizer, with Pins, 8-5/8 in													
MATERIALS FURNISHED BY BJ				LAB REPORT NO.				PHYSICAL SLURRY PROPERTIES							
								SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
Fresh Water								0	8.34	0	0	00:00	38.85		
Fresh Water + Dye								0	8.34	0	0	00:00	10		
TypeIII+ 2%CaCl+.25%CF								248	14.5	1.41	6.82	02:30	62.36	40.30	
Fresh Water								0	8.34	0	0	00:00	20		
Available Mix Water		200 Bbl.		Available Displ. Fluid		200 Bbl.		TOTAL		131.20		40.30			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE			
12.25	25	689	8.097	8.625	24	CSG	650	650	J-55	679	640		0		
LAST CASING			PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID				
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.		
						NO PACKER	0			8.625	8RND	WATER BASED	9.3		
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator					
38.8	BBLS	Fresh Water	8.34	205	0	0	0	0	2950	1500			RIG		
Circulation Prior to Job															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 5				Circulation Rate: 5 BPM							
Mud Density In: 9.3 LBS/GAL				Mud Density Out: 9.3 LBS/GAL				PV & YP Mud In: 16				PV & YP Mud Out: 16			
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"/>							
Displacement And Mud Removal															
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: .5 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: 4				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															
Plugs															
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							
Squeezes (Update Original Treatment Report for Primary Job)															
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			
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: NONE															
PRESSURE/RATE DETAIL										EXPLANATION					

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)
AFTER BATCHING UP CEMENT WITH C103 CEMENT PUMP LOST SLURRY PUMP, DID NOT PUMP ANY CEMENT AWAY, INFORMED CUSTOMER AND CLEANED UP TO PIT, RIG TOOK BACK OVER AND CIRCULATED WHILE WE GOT ANOTHER PUMP, C992 ARRIVED AND WE ONCE AGAIN RAN SPACERS AND BATCHED UP CEMENT, THIS TIME STARTED TO GO DOWNHOLE, HAD BULK FEED ISSUES FROM BULK TRUCK E491, PACKED OFF ENTIRE BULK HOSE AND BULK LINE AFTER ABOUT 30 MINUTES OF TRYING TO RESOLVE ISSUE WE CIRCULATED CEMENT OUT OF HOLE AND RIG TOOK OVER CIRCULATING WHILE ANOTHER BULK TRUCK X439 WAS SENT TO LOCATION. ONCE BULK TRUCK ARRIVED ONCE AGAIN PRESSURE TESTED, RAN SPACERS, PUMPED CEMENT, DROPPED AND BUMPED THE PLUG AS PLANNED. THIS ALL HAPPENED IN THE TIME SPAN OF 0800 TO 1800.

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	3275 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:52	0	0	0	0	0	ARRIVE ON LOCATION (30 MILES)	
07:00	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
07:47	0	0	0	0	0	PRE JOB MEETING	
08:11	2790	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES (C103)	
08:15	134	0	4.8	20	H2O	FRESH WATER	
08:20	143	0	4.8	10	H2O	DYE WATER	
08:27	0	0	0	0	CMT	BATCH UP 20 SKS CEMENT	
08:42	0	0	0	0	H2O	SHUT DOWN/ TURN OVER TO RIG TO CIRCULATE	
08:42	0	0	0	0	0	COULD NOT PUMP CEMENT DUE TO LOOSING RECIRC DURING BATCH UP OF CEMENT, HAD NO SLURRY PUMP PRESSURE	
09:00	0	0	0	0	0	NEW PUMP ON WAY	
10:00	0	0	0	0	0	NEW PUMP ARRIVES (C992)	
10:46	3335	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
10:35	0	0	0	0	0	2ND PRE JOB MEETING	
10:48	107	0	4.8	20	H2O	FRESH WATER	
10:53	117	0	4.8	10	H2O	DYE WATER	
11:00	100	0	3.5	10	CMT	BATCH UP AND PUMP 40 SKS SKS TYPE III+.08#/SACK STATIC FREE+2%CACL+.25#/SACK CELLO FLAKE@14.5#	
11:30	0	0	0	0	H2O	SHUT DOWN AFTER 10 BBLs PUMPED, HAD BULK DELIVERY ISSUES, TRIED TO FIX ISSUES, POSSIBLE PROBLEM WITH BULK TRUCK, CIRCULATED CEMENT OUT OF HOLE	
11:30	320	0	7.2	140	H2O	CIRCULATE CEMENT OUT OF HOLE	
11:50	0	0	0	0	H2O	SHUT DOWN, TURN OVER TO RIG TO CIRCULATE	
16:45	0	0	0	0	0	X439 BULK TRUCK ARRIVES ON LOCATION	
16:54	0	0	0	0	0	3RD PRE JOB MEETING	
17:08	3275	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
17:11	127	0	4.8	20	H2O	FRESH WATER	
17:16	135	0	4.8	10	H2O	DYE WATER	
17:20	92	0	3.2	68	CMT	BATCH UP AND PUMP 248 SKS TYPE III+.08#/SACK STATIC FREE+2%CACL+.25#/SACK CELLO FLAKE@14.5#	
17:45	0	0	0	0	H2O	DROP PLUG	
17:46	208	0	6	35	H2O	START DISPLACEMENT	
17:51	275	0	3	6	H2O	SLOW RATE	
17:56	934	0	0	0	H2O	BUMP PLUG @ 41 BBLs	

CEMENT JOB REPORT

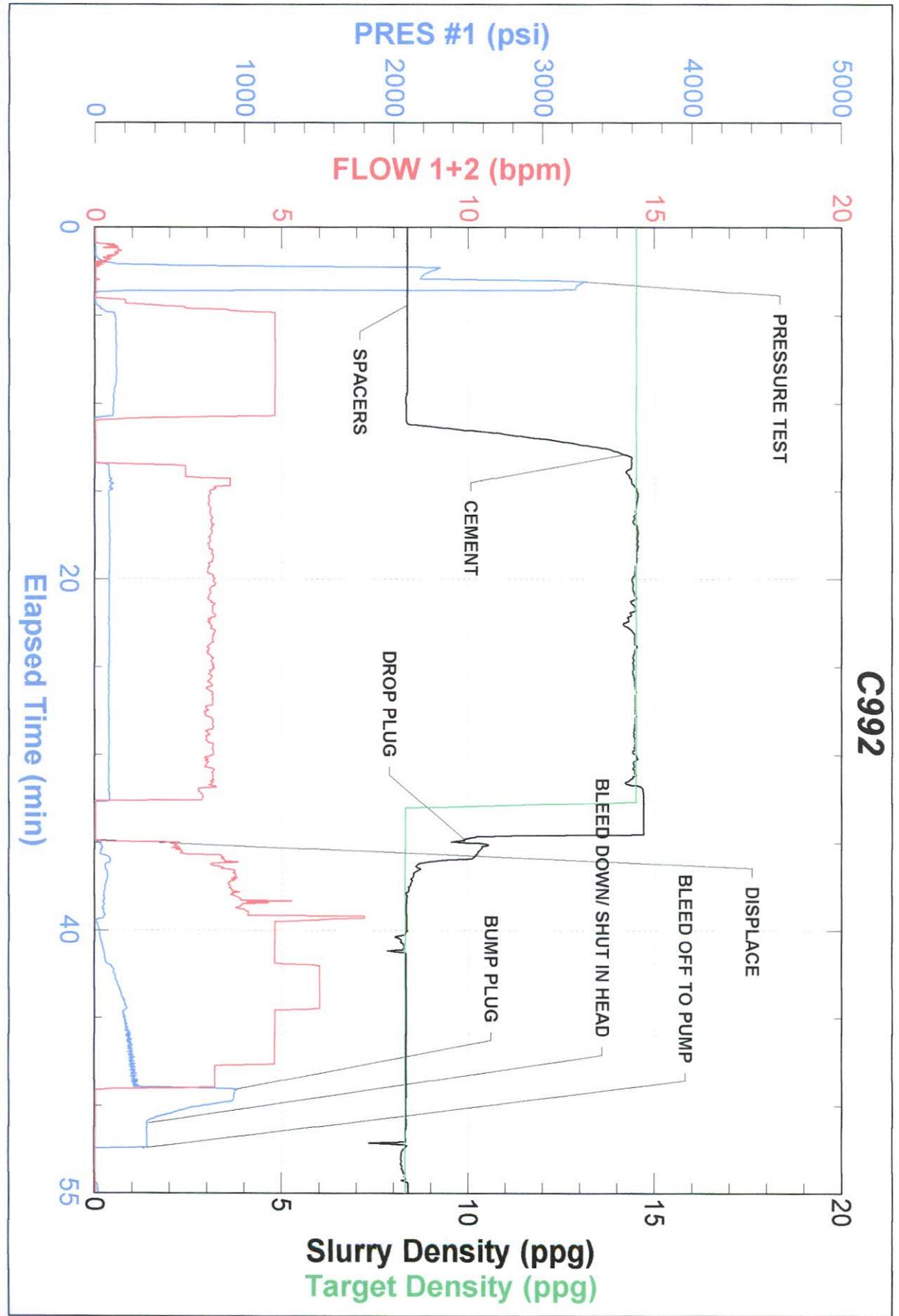


PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3275 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
17:57	342	0	0	0	H2O	BLEED DOWN TO 342 PSI	
17:59	342	0	0	0	H2O	SHUT IN HEAD	
18:00	0	0	0	0	0	BLEED OFF PRESSURE TO PUMP	
18:05	0	0	0	0	0	POST JOB RIG DOWN SAFETY MEETING	

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	934	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	7	336	342	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



BJ Services JobMaster Program Version 3.50
Job Number: 1001927516
Customer: ENSIGN
Well Name: COYLE 340 D



FIELD RECEIPT NO. 1001927516



CUSTOMER ENSIGN UNITED STATES DRILLING CREDIT APPROVAL NO. PURCHASE ORDER NO. 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 MO. DAY YEAR BHI REPRESENTATIVE WELL API NO. WELL TYPE : JOHN R WUDARCZYK 05123354890000 New Well

COMPLETED 08 06 2012 DISTRICT BJS, BRIGHTON JOB DEPTH (ft) 679 WELL CLASS : Gas

WELL NAME AND NUMBER TD WELL DEPTH (ft) 689 GAS USED ON JOB : No Gas

WELL LOCATION : COYLE #340D LEGAL DESCRIPTION 34-4N-68W 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	✓ 467	1.290	602.43	62%	228.92
100295	Cello Flake	lbs	✓ 62	5.100	316.20	62%	120.16
488019	FP-6L	gals	✓ 2	104.250	208.50	62%	79.23
499632	Granulated Sugar	lbs	✓ 100	3.840	384.00	62%	145.92
499680	Static Free	lbs	✓ 20	40.700	814.00	62%	309.32
499703	Type III Cement	sacks	✓ 248	31.700	7,861.60	62%	2,987.41
SUB-TOTAL FOR Product Material					10,186.73	62.00%	3,870.96
A152	Personnel Per Diem Chrg - Cement Svc	ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge	cu ft	263	5.450	1,433.35	62%	544.67
SUB-TOTAL FOR Service Charges					1,643.35	54.08%	754.67

ARRIVE 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.

LOCATION : 08 06 2012 06:50 CUSTOMER REP. CRAIG WIETZEL

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS CUSTOMER AUTHORIZED AGENT BHI APPROVED *[Signature]*

FIELD RECEIPT NO. 1001927516



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

INVOICE TO : DATE WORK MO. DAY YEAR BHI REPRESENTATIVE WELL API NO. WELL TYPE : WELL CLASS : WELL NAME AND NUMBER TD WELL DEPTH (ft) GAS USED ON JOB :

COYLE #340D BJS, BRIGHTON JOHN R WUDARCZYK 05123354890000 New Well Gas

WELL LEGAL DESCRIPTION COUNTRY/PARISH STATE JOB TYPE CODE : 34-4N-68W Weld Colorado Surface

WELL LOCATION : PRODUCT CODE DESCRIPTION UNIT OF MEASURE QUANTITY LIST PRICE UNIT GROSS AMOUNT % DISC. NET AMOUNT

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	Millage, Heavy Vehicle	miles	60	11.850	711.00	62%	270.18
J391	Millage, 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	360	3.940	1,418.40	62%	538.99
	SUB-TOTAL FOR Freight/Delivery Charges				1,418.40	62.00%	538.99
	FIELD ESTIMATE				20,661.98	60.95%	8,068.86

PO# 246484

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CUSTOMER REP. CRAIG WIETZEL SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

Service Receipt: I certify that the materials and services listed were received and all services performed in a workmanlike manner. CUSTOMER AUTHORIZED AGENT