

CEMENT JOB REPORT



CUSTOMER ENSIGN UNITED STATES DRILL		DATE 02-JUN-12	F.R. # 1001913218	SERV. SUPV. REESE A ANDERSON	
LEASE & WELL NAME MARGIL #34-34D - API 05123351670000		LOCATION 34-4N-68W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSGN 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 Collar, Auto Fill, 8-5/8 - 8rd				
	Float Shoe 8-5/8 - 8rd				
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
Fresh Water	0	0	8.34	0	0 00:00
Fresh Water + Dye	0	0	8.34	0	0 00:00
Typell+ 2%CaCl+.25%CF		385	14.5	1.41	6.82 02:30
Available Mix Water 400 Bbl.	Available Displ. Fluid 400 Bbl.	TOTAL			169.53 62.56
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
12.25	25	1025	8.097	8.625	24 CSG
			MD	TVD	GRADE
			1025	1025	N-80
			SHOE	FLOAT	STAGE
			997	957	940
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
			BRAND & TYPE	DEPTH	TOP
			NO PACKER	0	
			BTM	SIZE	THREAD
				8.625	8 RD
				WATER BASED	
				9.2	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
60	BBLS	Fresh Water	8.34	650	0
				SQ. PSI	RATED
				0	0
				MAX TBG PSI	MAX CSG PSI
				Operator	Operator
				2360	2000
				MIX WATER	
				RIG TANK	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 9.2 LBS/GAL			Mud Density Out: 9.2 LBS/GAL		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			Units:		
PV & YP Mud In: 0			PV & YP Mud Out: 0		
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: 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			UNABLE DUE TO STUCK PIPE		
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			Quantity: 12		
			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 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	
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			

CEMENT JOB REPORT



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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE

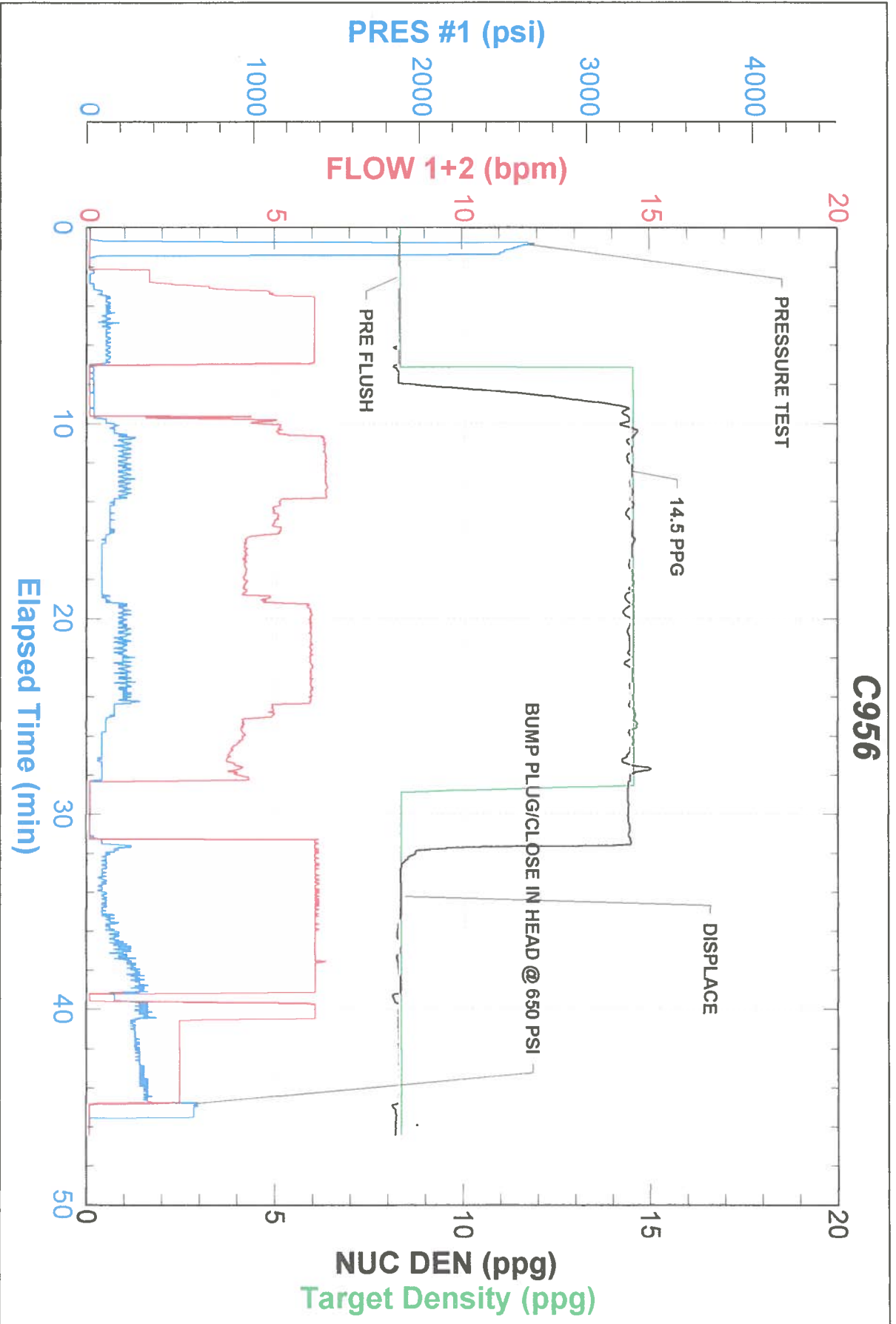
PRESSURE/RATE DETAIL						EXPLANATION			
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>			
	PIPE	ANNULUS				TEST LINES 0 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
12:30	0	0	0	0	NA	YARD CALL			
15:15	0	0	0	0	NA	LEAVE YARD			
16:00	0	0	0	0	NA	ARRIVE ON LOCATION			
18:23	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIG UP			
18:50	0	0	0	0	NA	SAFETY MEETING			
19:08	2670	0	0	0	H2O	PRESSURE TEST			
19:11	118	0	6	10	H2O	FRESH WATER SPACER			
19:13	126	0	6	10	H2O	DYED SPACER			
19:16	226	0	5.9	96	CMT	BATCH UP, WEIGH AND PUMP 385 SX TYPE III CMT + 0.08 LBS/SACK STATIC FREE + 2% CACL + 0.25 LBS/SACK CELLO FLAKE @ 14.5 PPG			
19:38	0	0	0	0	NA	DROP LUG			
19:40	262	0	6	50	H2O	DISPLACEMENT			
19:48	276	0	2.4	10	H2O	RATE CHANGE			
19:53	675	0	2.4	60	H2O	BUMP PLUG			
19:55	0	0	0	0	NA	PLUG DOWN/CLOSE IN HEAD @ 650 PSI			
19:58	0	0	0	0	NA	PRE RIG DOWN MEETING/RIG DOWN			
20:30	0	0	0	0	NA	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	675	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	15	176	650	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>Reese Anderson</i>

X
Ephraim Isaac



BJ Services JobMaster Program Version 3.50
Job Number: 1001913218
Customer: ENSIGN
Well Name: MARGIL 34-34D



FIELD RECEIPT NO. 1001913218



CUSTOMER		ENSGN 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	BH REPRESENTATIVE	WELL API NO:	WELL TYPE :				
06		02	2012	REESE A ANDERSON	05123351670000	New Well					
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :					
WELL NAME AND NUMBER		MARGIL #34-34D		TD WELL DEPTH (ft)		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			
100112	Calcium Chloride		lbs	✓ 724	1.290	933.96	62%	354.90			
100295	Cello Flake		lbs	✓ 97	5.100	494.70	62%	187.99			
488019	FP-6L		gals	✓ 4	104.250	417.00	62%	158.46			
499632	Granulated Sugar		lbs	✓ 50	3.840	192.00	62%	72.96			
499680	Static Free		lbs	✓ 31	40.700	1,281.70	62%	479.45			
499703	Type III Cement		sacks	✓ 385	31.700	12,204.50	62%	4,637.71			
SUB-TOTAL FOR Product Material						15,503.86	62.00%	5,891.47			
A152	Personnel Per Diem Chrg - Cement Svc		ea	1	210.000	210.00	0%	210.00			
M100	Bulk Materials Blending Charge		cu ft	406	5.450	2,212.70	62%	840.83			
SUB-TOTAL FOR Service Charges						2,422.70	56.63%	1,050.83			
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.											
ARRIVE LOCATION :		MO.	DAY	YEAR	TIME						
06		02	2012	16:07							
CUSTOMER REP.		DON PATTON					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		CUSTOMER AUTHORIZED AGENT					CUSTOMER AUTHORIZED AGENT BH APPROVED <i>Cole Hill</i>				

FIELD RECEIPT NO. 1001913218



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 COMPLETED		MO. 06	DAY 02	YEAR 2012	BHI REPRESENTATIVE REESE A ANDERSON		WELL API NO: 05123351670000		WELL TYPE: New Well		
DISTRICT BUS, BRIGHTON						JOB DEPTH (ft) 997		WELL CLASS: Gas			
WELL NAME AND NUMBER MARGIL #34-34D						TD WELL DEPTH (ft) 1,007		GAS USED ON JOB: No Gas			
WELL LOCATION:		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		
F055A	Cement Pumping, 1001 - 2000 ft			4hrs	1	4,875.000	4,875.00	62%	1,852.50		
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							9,088.50	61.04%	3,540.74		
J401	Bulk Delivery, Dry Products			ton-mi	557	3.940	2,194.58	62%	833.94		
SUB-TOTAL FOR Freight/Delivery Charges							2,194.58	62.00%	833.94		
FIELD ESTIMATE							29,209.64	61.26%	11,316.98		
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.											
ARRIVE MO. 06 DAY 02 YEAR 2012 TIME 16:07 LOCATION : CUSTOMER REP. DON PATTON				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.				CUSTOMER AUTHORIZED AGENT X <i>[Signature]</i>			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT X <i>[Signature]</i>				BHI APPROVED X <i>[Signature]</i>			