

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 26-APR-12	F.R. # 1001904725	SERV. SUPV. JOHN R WUDARCZYK															
LEASE & WELL NAME JBL 34-54 - API 05123352690000		LOCATION 34-7N-67W		COUNTY-PARISH-BLOCK Weld Colorado															
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 22		TYPE OF JOB Long String															
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD	TVD									
Cement Plug, Rubber, Top 4-1/2 in		Float Shoe 4-1/2 - 8rd																	
		Centralizer, with Pins, 4-1/2 in																	
PHYSICAL SLURRY PROPERTIES																			
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FTs	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER									
ClayCare Water				0	8.34	0	0	00:00	20										
50:50 Poz+.3%CD32+.4%FL52+.1%SMS+20%SF				275	14.6	1.38	5.90	02:30	67	38.29									
ClayCare Water				0	8.34	0	0	00:00	114.6										
Mud Clean II				0	8.5	0	0	00:00	20										
ClayCare Water				0	8.34	0	0	00:00	20										
PL+.6%SMS+8#/skCSE2				187	11	3.22	19.86	12600	107.10	88.41									
Available Mix Water		400	Bbl.	Available Displ. Fluid		400	Bbl.	TOTAL		348.70 126.71									
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS											
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE							
7.875	25	7410	4	4.5	11.6	CSG	7388	7388	N-80	7388	7374	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.					
8.1	8.63	24	CSG	1250	1250	NO PACKER		0	0	0	4.5	8RND	WATER BASED	9.1					
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						
114.6	BBLs	ClayCare Water		8.34	1067	0		0		0		6224	3000	RIG					
Circulation Prior to Job																			
Circulated Well: Rlg <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					Circulation Time: 1.5					Circulation Rate: 7 BPM									
Mud Density In: 9.1 LBS/GAL					Mud Density Out: 9.1 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: Rlg <input type="checkbox"/> BJ <input checked="" type="checkbox"/>					Amount Bled Back After Job: 1 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO					Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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:					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																			

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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)

HAD SOME TROUBLE PRIMING PUMP UP, DISCOVERED PUMP WAS OUT OF GEAR ON B SIDE, PUT PUMP IN GEAR AND PUMPED JOB AS PLANNED.

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

AFTER BUMPING PLUG, CHECKED FLOATS. FLOATS NOT HOLDING, REBUMPED PLUG AND CHECKED FLOATS AGAIN. STILL NOT HOLDING. SHUT IN HEAD.

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

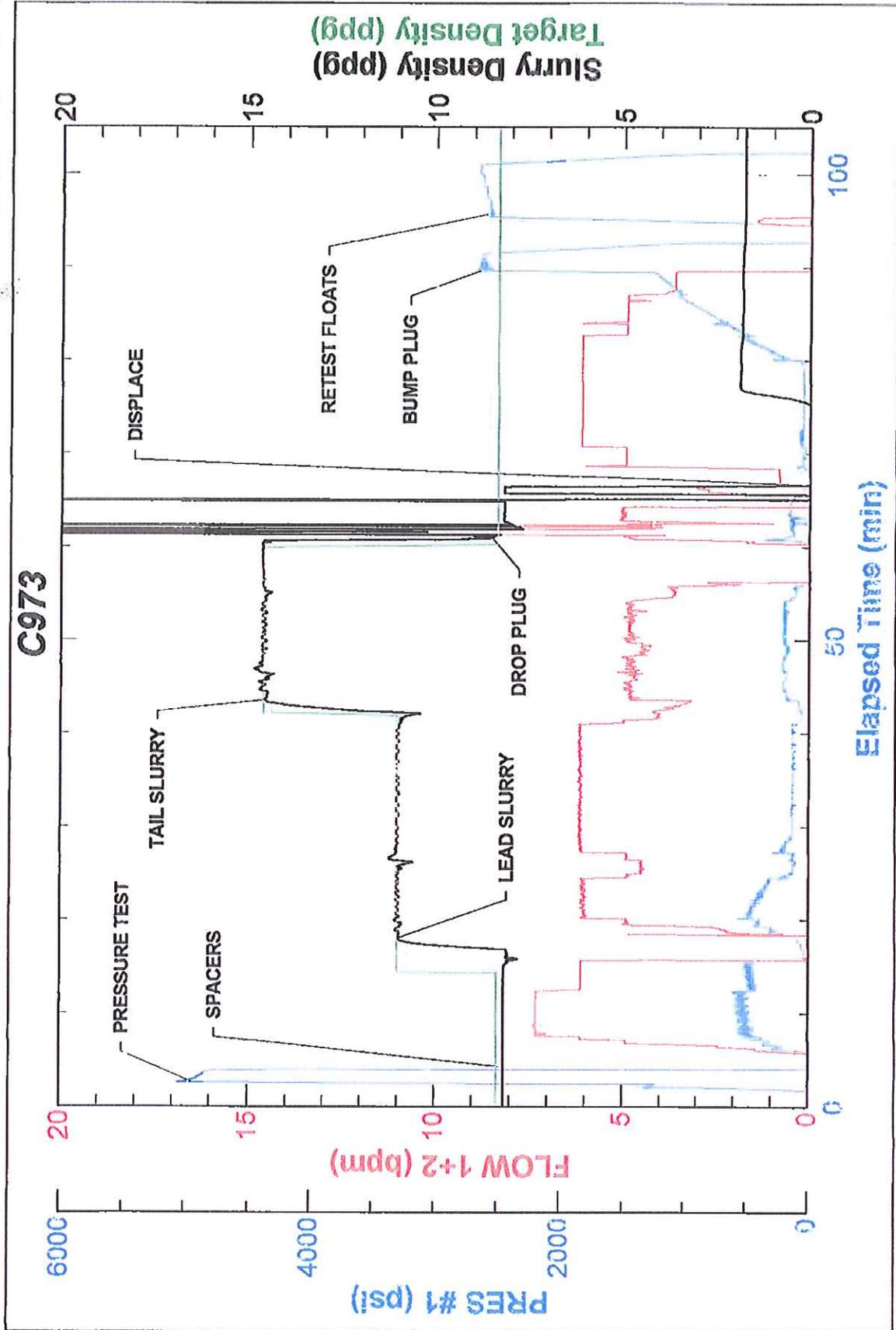
NONE

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	5051 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
18:30	0	0	0	0	0	ARRIVE ON LOCATION (49 MILES)		
18:45	0	0	0	0	0	PRE RIG UP SAFETY MEETING		
19:45	0	0	0	0	0	PRE JOB MEETING		
20:12	5051	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES		
20:16	535	0	7.2	20	H2O	CLAYCARE WATER		
20:20	484	0	7.2	20	H2O	MUD CLEAN II		
20:23	408	0	6.1	20	H2O	CLAYCARE WATER		
20:29	331	0	6	145	LEAD	BATCH UP AND PUMP 265 SKS PLC+4%BENTONITE+.6%SMS+8#/SACK CSE-2@11#		
20:52	178	0	4.5	178	TAIL	MIX AND PUMP 275 SKS POZ/G+.3%CD-32+.4%FL-52+.1%SMS+20%S-8@14.6#		
21:20	0	0	0	0	H2O	DROP PLUG		
21:21	510	0	6	60	H2O	START DISPLACEMENT W/CLAYCARE		
21:33	1046	0	4.8	20	H2O	SLOW RATE		
21:38	1250	0	3.6	12	H2O	SLOW RATE		
21:41	2653	0	0	0	H2O	BUMP PLUG @ 112 BBLS		
21:42	0	0	0	0	H2O	CHECK FLOATS / DID NOT HOLD		
21:45	2602	0	1.4	1	H2O	RESEAT PLUG		
21:50	0	0	0	0	H2O	RETEST FLOATS / NOT HOLDING		
21:57	0	0	0	0	H2O	SHUT IN HEAD		
22:00	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	2653	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	380	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>John R. Wdarczyk</i>



BJ Services JobMaster Program Version 3.50
Job Number: 1001904725
Customer: FREAT WESTERN
Well Name: JBL 34-54



FIELD RECEIPT NO. 1001904725



CUSTOMER		GREAT WESTERN OIL & GAS		CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER	INVOICE NUMBER
MAIL		STREET OR BOX NUMBER		CITY	STATE	ZIP CODE	
INVOICE TO :		503 MAIN ST		Windsor	Colorado	80550	
DATE WORK COMPLETED	MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE :	
04	26	2012	2012	JOHN R WUDARCZYK	05123352690000	New Well	
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)	7,388	WELL CLASS :	
WELL NAME AND NUMBER		JBL 34-54		TD WELL DEPTH (ft)	7,410	GAS USED ON JOB :	
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH	STATE	JOB TYPE CODE :	
34-7N-67W		Weld		Colorado	Colorado	Long String	
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement	sacks	138				
100120	Bentonite	lbs	923				
100121	Silica Flour	lbs	4620				
100275	Sodium Metasilicate	lbs	162				
100317	Poz (Fly Ash)	sacks	138				
398108	Mud Clean II	gals	840				
398224	Premium Lite Cement	sacks	265				
488013	CD-32	lbs	70				
488015	FL-52	lbs	93				
488019	FP-6L	gals	5				
488353	CSE-2	lbs	2120				
489702	ClayCare, Clay Treat-2C, 260 g/lbte	gals	8				
SUB-TOTAL FOR Product Material							
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.	
04		26	2012	18:30	SERVICE RECEIPT: CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		
CUSTOMER REP.		SHAWN ARMSTRONG		CUSTOMER AUTHORIZED AGENT		X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		CUSTOMER AUTHORIZED AGENT		BHI APPROVED		X	

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WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH	STATE	JOB TYPE CODE :	
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PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
A152	Personnel Per Diem Chrg - Cement Svc	ea	1				
M100	Bulk Materials Service Charge	cu ft	696				
SUB-TOTAL FOR Service Charges							
F067A	Cement Pumping, 7001 - 8000 ft	ghrs	1				
F090	Fuel per pump charge - cement	pump/hr	4				
J050	Cement Head	job	1				
J225	Data Acquisition, Cement, Standard	job	1				
J390	Mileage, Heavy Vehicle	miles	98				
J391	Mileage, Auto, Pick-Up or Treating Van	miles	98				
SUB-TOTAL FOR Equipment							
J401	Bulk Delivery, Dry Products	ton-mi	1331				
SUB-TOTAL FOR Freight/Delivery Charges							
FIELD ESTIMATE							
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SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT		CUSTOMER AUTHORIZED AGENT	
				X		BHI APPROVED	