

## 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 FT <sup>3</sup>	WATER GPS
ClayCare Water		0	8.34	0	0
50:50 Poz+.3%CD32+.4%FL52+.1%SMS+20%SF		275	14.6	1.38	5.90
ClayCare Water		0	8.34	0	0
Mud Clean II		0	8.5	0	0
ClayCare Water		0	8.34	0	0
PL+.6%SMS+8#/skCSE2		187	11	3.22	19.86
Available Mix Water 400 Bbl.	Available Displ. Fluid 400 Bbl.	TOTAL		348.70	126.71
COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
7.875	25	7410	4	4.5	11.6
TBG-CSG-D.P.					
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
7.875	25	7410	4	4.5	11.6
LAST CASING					
ID	OD	WGT	TYPE	MD	TVD
8.1	8.63	24	CSG	1250	1250
PKR-CMT RET-BR PL-LINER					
BRAND & TYPE		DEPTH	TOP	BTM	SIZE
NO PACKER		0	0	0	4.5
PERF. DEPTH					
TOP CONN		WELL FLUID		WGT.	
SIZE		THREAD		TYPE	
4.5		8RND		WATER BASED	
DISPL. VOLUME					
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
114.6	BBLs	ClayCare Water	8.34	1067	0
CAL. PSI					
CAL. MAX PSI		OP. MAX		MAX TBG PSI	
6224		3000		RIG	
Circulation Prior to Job					
Circulated Well: Rlg <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1.5		
Mud Density In: 9.1 LBS/GAL			Mud Density Out: 9.1 LBS/GAL		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			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			Quantity: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID		
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			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		
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Parabow Used: <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			Time Held: 00 Hours 00 Minutes		
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE					



# 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)

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.

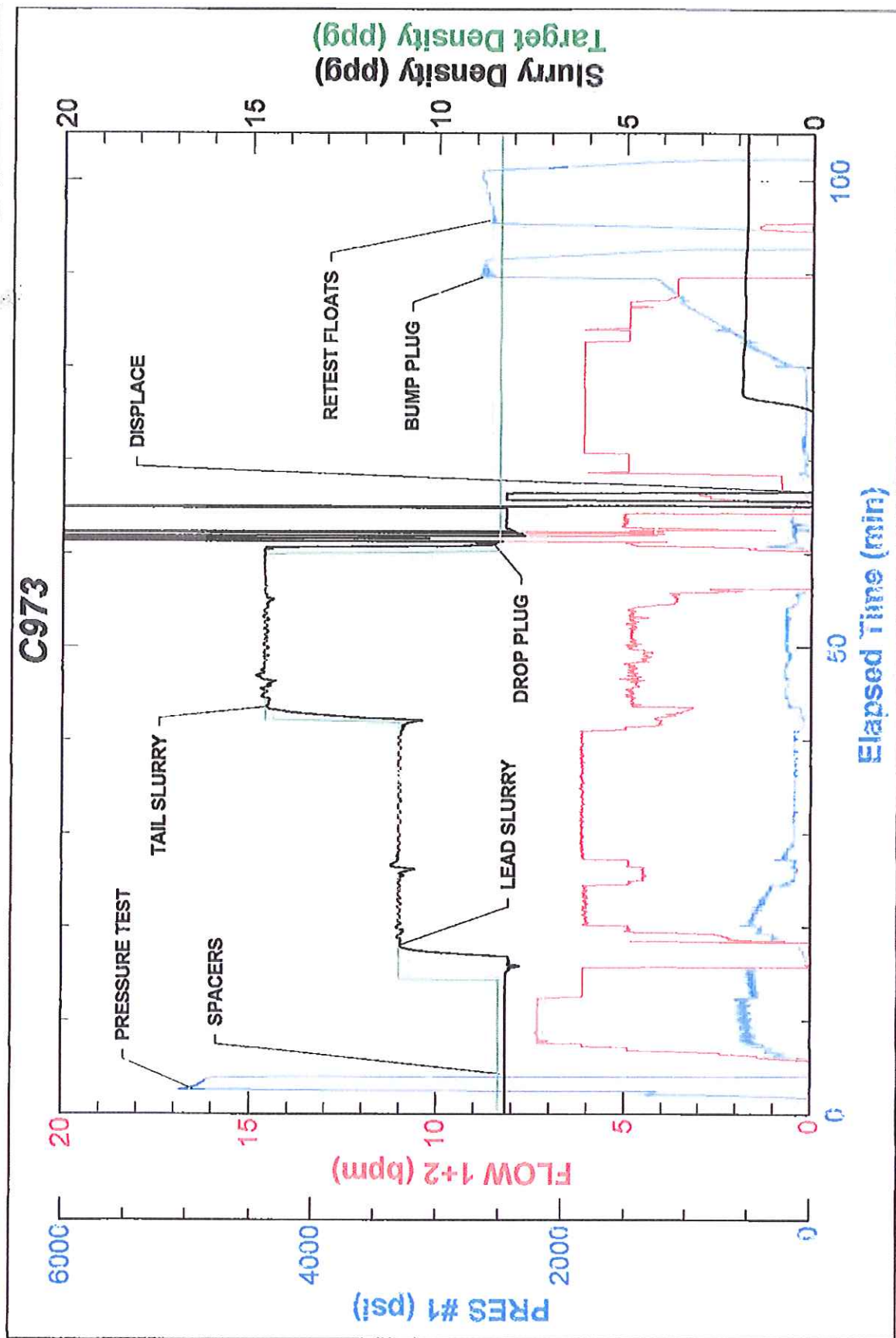
### Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

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. W. Dargatzis</i>



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







**BAKER  
HUGHES**

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FIELD RECEIPT NO. 1001904725



CUSTOMER		GREAT WESTERN OIL & GAS		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20013943 - 00229266		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	BH REPRESENTATIVE	WELL API NO:		WELL TYPE :					
04 26 2012		JOHN R WUDARCZYK		05123352890000		New Well							
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :							
WELL NAME AND NUMBER		JBL 34-54		TD WELL DEPTH (ft)		GAS USED ON JOB :							
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :					
34-7N-67W		Weld		Colorado		7,410		No Gas					
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT			
A152		Personnel Per Diem Chrg - Cement Svc		ea		1		Long String					
M100		Bulk Materials Service Charge		cu ft		696							
		SUB-TOTAL FOR Service Charges											
F067A		Cement Pumping, 7001 - 8000 ft		gals		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											
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													
CUSTOMER REP.		SHAWN ARMSTRONG											
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS													
CUSTOMER AUTHORIZED AGENT													
X		BHI APPROVED											