

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 12-JUN-12	F.R. # 1001915339	SERV. SUPV. BARLEN M JOYNER	
LEASE & WELL NAME GREAT WESTERN #27-14 - API 05123243130000		LOCATION 27-6N-67W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Long String	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD
Ret Brdg Plug, 4001 - 5000 ft		No Shoe			
BRIDGE PLUG					
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³
ClayCare Water			0	8.34	0
Class G			40	15.8	1.15
ClayCare Water			0	8.34	0
PL+ 6%SMS+8#/skCSE2			463	11	3.22
Available Mix Water 500 Bbl.		Available Displ. Fluid 175 Bbl.	TOTAL 301.70 223.95		
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
9	0	4500	4	4.5	11.6
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
8.1	8.63	24	CSG	441	441
BRIDGE PLUG		BRAND & TYPE		DEPTH	
				4550	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	CAL. MAX PSI
18	BBLS	ClayCare Water	8.34	0	0
OP. MAX		MAX TBG PSI		MAX CSG PSI	
SQ. PSI		RATED		Operator	
8760		2000		0	
MIX WATER		WATER BASED		WGT.	
8.4					
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 0		Circulation Rate: 0 BPM	
Mud Density In: 8.4 LBS/GAL		Mud Density Out: 8.4 LBS/GAL		PV & YP Mud In: 0	
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		Units:		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 <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID	
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input 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	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:	
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"/>	
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) NONE		
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	
						5502 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:30	0	0	0	0	N/A	YARD CALL	
06:50	0	0	0	0	N/A	ARRIVE ON LOCATION (35 MILES) NO ONE ON LOCATION	
06:55	0	0	0	0	N/A	SPOT TRUCKS	
07:12	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
08:45	0	0	0	0	N/A	SAFETY MEETING	
09:11	5502	0	0	0	WATER	PRESSURE TEST	
09:16	402	0	2.1	10	WATER	CLAYCARE SPACER	
09:20	1432	0	4.1	261	CMT	BATCH UP, WEIGH AND PUMP 463 SX OF PLC + 4% BENTONITE + 0.6% SMS + 8 LBS/SACK CSE-2 @ 11 PPG	
10:39	1533	0	3.2	8	CMT	BATCH UP, WEIGH AND PUMP 40 SX OF CLASS G @ 15.8	
10:45	2538	0	4.8	18	WATER	START DISPLACEMENT	
11:10	0	0	0	0	N/A	JOB DONE	
11:20	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
12:00	0	0	0	0	N/A	TIME OFF LOCATION	
BUMPED PLUG Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	BBL.CMT RETURNS/ REVERSED 5	TOTAL BBL. PUMPED 297	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Service Supervisor Signature:

FIELD RECEIPT NO. 1001915339



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	BH REPRESENTATIVE	WELL API NO.	WELL TYPE :				
06		12	2012		BARLEN M JOYNER	05123243130000	New Well				
DISTRICT		BJS, BRIGHTON				JOB DEPTH (ft)		WELL CLASS :			
						4,498		Gas			
WELL NAME AND NUMBER		GREAT WESTERN #27-14				TD WELL DEPTH (ft)		GAS USED ON JOB :			
						4,500		No Gas			
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :			
		27-6N-67W		Weld		Colorado		Long String			
PRODUCT CODE	DESCRIPTION					UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement					sacks	40	31.800	1,272.00	45%	699.60
100120	Bentonite					lbs	1611	0.530	853.83	45%	469.61
100275	Sodium Metasilicate					lbs	242	4.100	992.20	45%	545.71
398224	Premium Lite Cement					sacks	463	27.650	12,801.95	45%	7,041.07
488019	FP-6L					gals	5	104.250	521.25	45%	286.69
488353	CSE-2					lbs	3704	1.700	6,296.80	45%	3,463.24
499632	Granulated Sugar					lbs	50	3.840	192.00	45%	105.60
499702	ClayCare, Clay Treat-2C, 260 gl tote					gals	5	147.000	735.00	45%	404.25
A152	SUB-TOTAL FOR Product Material								23,665.03	45.00%	13,015.77
M100	Personal Per Diem Chrg - Cement Svc					ea	1		210.00	0%	210.00
	Bulk Materials Blending Charge					cu ft	646		3,520.70	45%	1,936.39
	SUB-TOTAL FOR Service Charges								3,730.70	42.47%	2,146.39
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.						
06	12	2012	06:50								
CUSTOMER REP.	Shawn Armstrong				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		X				
					BHI APPROVED		X				

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DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO.	WELL TYPE :	WELL CLASS :	WELL DEPTH (ft)	TD WELL DEPTH (ft)	GAS USED ON JOB :		
06 12 2012		BARLEN M JOYNER		05123243130000		New Well		Gas		No Gas			
DISTRICT		BJS, BRIGHTON											
WELL NAME AND NUMBER		GREAT WESTERN #27-14											
LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :					
		27-6N-67W		Weid		Colorado		Long String					
PRODUCT CODE	DESCRIPTION		UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT					
F061A	Cement Pumping, 4001 - 5000 ft		gals	1	6,450.00	6,450.00	45%	3,547.50					
F090	Fuel per pump charge - cement		pump/hr	4	70.250	281.00	0%	281.00					
J050	Cement Head		job	1	830.000	830.00	55%	373.50					
J225	Data Acquisition, Cement, Standard		job	1	2,130.000	2,130.00	55%	958.50					
J390	Mileage, Heavy Vehicle		miles	70	11,850	829.50	55%	373.26					
J391	Mileage, Auto, Pick-Up or Treating Van		miles	70	6,700	469.00	55%	211.05					
K392	Squeeze Manifold, Ground		day	1	715.000	715.00	45%	393.25					
J401	Bulk Delivery, Dry Products		ton-mi	869	3.940	3,423.86	45%	1,883.12					
SUB-TOTAL FOR Freight/Delivery Charges						3,423.86	45.00%	1,883.12					
SUB-TOTAL FOR Equipment						42,524.09	45.48%	23,183.36					
FIELD ESTIMATE													
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CUSTOMER AUTHORIZED AGENT						BHI APPROVED							
X						X							