

CEMENT JOB REPORT



CUSTOMER PETROLEUM DEVELOPMENT		DATE 22-MAR-14		F.R. # 10011054496		SERV. SUPV. Anthony J Staples							
LEASE & WELL NAME HARVESTER #31-15 - API 05123242690000		LOCATION 15-6N-66W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Squeeze-Top									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD						
		No Shoe											
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES									
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
				0	8.34	0	0	03:30	5				
				0	8.3	0	0	00:00	10				
				650	15.8	1.15	5.00	04:00	132.90	77.35			
				0	8.34	0	0	00:00	10				
				0	8.34	0	0	00:00	10				
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		167.90	77.35						
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
12	0	920	1.278	1.66	3.02	TBG	920	920		0	0	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	447	447	No packer	0	0	0	2.375	8RD	WATER BASED	8.4
4.1	4.5	10.5	CSG	920	920			0	0				
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			
1	BBLS			0	0	0	4000	1000	0	0	Truck		
Circulation Prior to Job													
Circulated Well: Rig <input type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 0			Circulation Rate: 0 BPM				
Mud Density In: 0 LBS/GAL Mud Density Out: 0 LBS/GAL						PV & YP Mud In: 0			PV & YP Mud Out: 0				
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: .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 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 checked="" type="checkbox"/> RECIPROCATION <input 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 checked="" 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							
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)
 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 3534 PSI	
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input type="checkbox"/>	
06:30	0	0	0	0	N/A	Arrive on location, 44 miles	
06:45	0	0	0	0	N/A	Spot Trucks	
06:50	0	0	0	0	N/A	Pre rig up safety meeting & HRA	
07:45	0	0	0	0	N/A	Pre job safety meeting	
07:51	44	0	.3	1	H2O	Load lines	
08:02	3435	0	0	0	H2O	Pressure Test	
08:04	472	0	1.9	10	H2O	Spacer H2O + Clay Care	
08:09	466	0	1.9	10	H2O	Spacer Mud Clean I	
08:14	477	0	1.9	5	H2O	Spacer H2O + Clay Care	
08:19	535	0	1	40	CMT	Batch up, weigh, and pump 15.8 # Class G	
08:54	504	0	1	1	H2O	Displacement	
08:56	0	0	0	0	N/A	Shut Down pulled tubing	
09:07	364	0	1.3	28	CMT	Pumped 15 # cmt	
09:25	302	0	1	1	H2O	Displacement	
09:26	0	0	0	0	N/A	Shut down, wash up	
09:45	0	0	0	0	N/A	Post job safety meeting	
10:30	0	0	0	0	N/A	Leave location	
BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 5	TOTAL BBL. PUMPED 94.5	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:



FIELD RECEIPT NO. 10011054496

CUSTOMER PETROLEUM DEVELOPMENT CORP					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20000409 - 00259634		INVOICE NUMBER		
MAIL INVOICE TO STREET OR BOX NUMBER PO BOX 26					CITY Bridgeport		STATE West Virginia		ZIP CODE 26330				
DATE WORK COMPLETED MO. 03 DAY 22 YEAR 2014					BHI REPRESENTATIVE Anthony J Staples		WELL API NO: 05123242690000		WELL TYPE : Old Well				
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 920		WELL CLASS : Gas						
WELL NAME AND NUMBER HARVESTER #31-15					TD WELL DEPTH (ft) 920		GAS USED ON JOB : No Gas						
WELL LOCATION : LEGAL DESCRIPTION 15-6N-66W					COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Squeeze-Top				
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100021		Class G Cement				sacks	345						
100112		Calcium Chloride				lbs	300						
100404		Sodium Chloride				lbs	100						
398110		Mud Clean I				gals	420						
488019		FP-6L				gals	3						
499632		Granulated Sugar				lbs	50						
499702		ClayCare, Clay Treat-2C, 260 gl tote				gals	2						
		SUB-TOTAL FOR Product Material											
A152		Personnel Per Diem Chrg - Cement Svc				ea	1						
M100		Bulk Materials Blending Charge				cu ft	661						
		SUB-TOTAL FOR Service Charges											
ARRIVE LOCATION :		MO. 03	DAY 22	YEAR 2014	TIME 06:30	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.					SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		
CUSTOMER REP. Eduardo Chavez					CUSTOMER AUTHORIZED AGENT						X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS											BHI APPROVED		
					CUSTOMER AUTHORIZED AGENT					X			



FIELD RECEIPT NO. 10011054496

CUSTOMER PETROLEUM DEVELOPMENT CORP					CREDIT APPROVAL NO.	PURCHASE ORDER NO.		CUSTOMER NUMBER 20000409 - 00259634	INVOICE NUMBER	
MAIL INVOICE TO		STREET OR BOX NUMBER PO BOX 26			CITY Bridgeport		STATE West Virginia	ZIP CODE 26330		
DATE WORK COMPLETED	MO. 03	DAY 22	YEAR 2014	BHI REPRESENTATIVE Anthony J Staples	WELL API NO: 05123242690000		WELL TYPE : Old Well			
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 920		WELL CLASS : Gas			
WELL NAME AND NUMBER HARVESTER #31-15					TD WELL DEPTH (ft) 920		GAS USED ON JOB : No Gas			
WELL LOCATION :		LEGAL DESCRIPTION 15-6N-66W			COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Squeeze-Top			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
F053A	Cement Pumping, 0 - 1000 ft				4hrs	1				
F090	Fuel per pump charge - cement				pump/hr	4				
J225	Data Acquisition, Cement, Standard				job	1				
J390	Mileage, Heavy Vehicle				miles	88				
J391	Mileage, Auto, Pick-Up or Treating Van				miles	88				
	SUB-TOTAL FOR Equipment									
J401	Bulk Delivery, Dry Products				ton-mi	1357				
J404	Bulk Delivery, Return of Unused Mtls				ton-mi	631				
	SUB-TOTAL FOR Freight/Delivery Charges									
	FIELD ESTIMATE									
ARRIVE LOCATION :	MO. 03	DAY 22	YEAR 2014	TIME 06:30	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.			SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		
CUSTOMER REP. Eduardo Chavez					CUSTOMER AUTHORIZED AGENT			X CUSTOMER AUTHORIZED AGENT		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								X BHI APPROVED		