

CEMENT JOB REPORT



CUSTOMER ENSIGN UNITED STATES DRILL				DATE 18-AUG-12		F.R. # 1001929842		SERV. SUPV. RYAN R STEVENS						
LEASE & WELL NAME COYLE #32-34D - API 05123354920000				LOCATION 34-4N-68W				COUNTY-PARISH-BLOCK Weld Colorado						
DISTRICT Brighton				DRILLING CONTRACTOR RIG # ENSIGN 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		Guide Shoe, Texas-Notched 8-5/8 in		/		/	/	/		/	/			
		Alum Baffle Plate, Slip On, 8-5/8		/		/	/	/		/	/			
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
Fresh Water				/				0	8.34	0	0	00:00	39.4	/
Fresh Water + Dye				/				0	8.34	0	0	00:00	10	/
TypeIII+ 2%CaCl+.25%CF								245	14.5	1.41	6.82	02:30	61.60	39.81
Available Mix Water 800 Bbl.				Available Displ. Fluid 700 Bbl.				TOTAL				111.00	39.81	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	0	681	8.097	8.625	24	CSG	670	670	J-55	659	619	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.	
/	/	/	/	/	/	No liner	0			8.625	8RD	WATER BASED	9.2	
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				
39.5	BBLS	Fresh Water	8.34	214	0	0	0	0	2360	1500	Rig tank			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 BPM					
Mud Density In: 9.1 LBS/GAL Mud Density Out: 9.1 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 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 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: Hours 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	3554 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
22:21	0	0	0	0	N/A	Yard call	
01:10	0	0	0	0	N/A	Time arrived on location	
04:10	0	0	0	0	N/A	Spot trucks	
04:15	0	0	0	0	N/A	Pre rig up Safety meeting	
04:50	0	0	0	0	N/A	Pre job safety Meeting	
05:10	3554	0	0	0	WATER	Pressure test	
05:15	200	0	6	10	WATER	Fresh water Spacer + Dye	
05:17	239	0	4.8	56	CEMENT	Batch up, weigh and pump 245 SXS of Type III Cement + 0.08 Lbs/Sack Static free 2% Calcium Chloride	
05:35	0	0	0	0	N/A	Drop plug	
05:39	214	0	4.8	30	WATER	Displacement	
05:45	204	0	2.4	10	WATER	Drop rate	
05:58	204	0	0	0	WATER	Shut down shut in head	
06:00	0	0	0	0	N/A	Pre rig down safety meeting	
06:30	0	0	0	0	N/A	Time off location	

BUMPED PLUG Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	PSI TO BUMP PLUG	TEST FLOAT EQUIP. Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	BBL.CMT RETURNS/ REVERSED 1	TOTAL BBL. PUMPED 106	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature:
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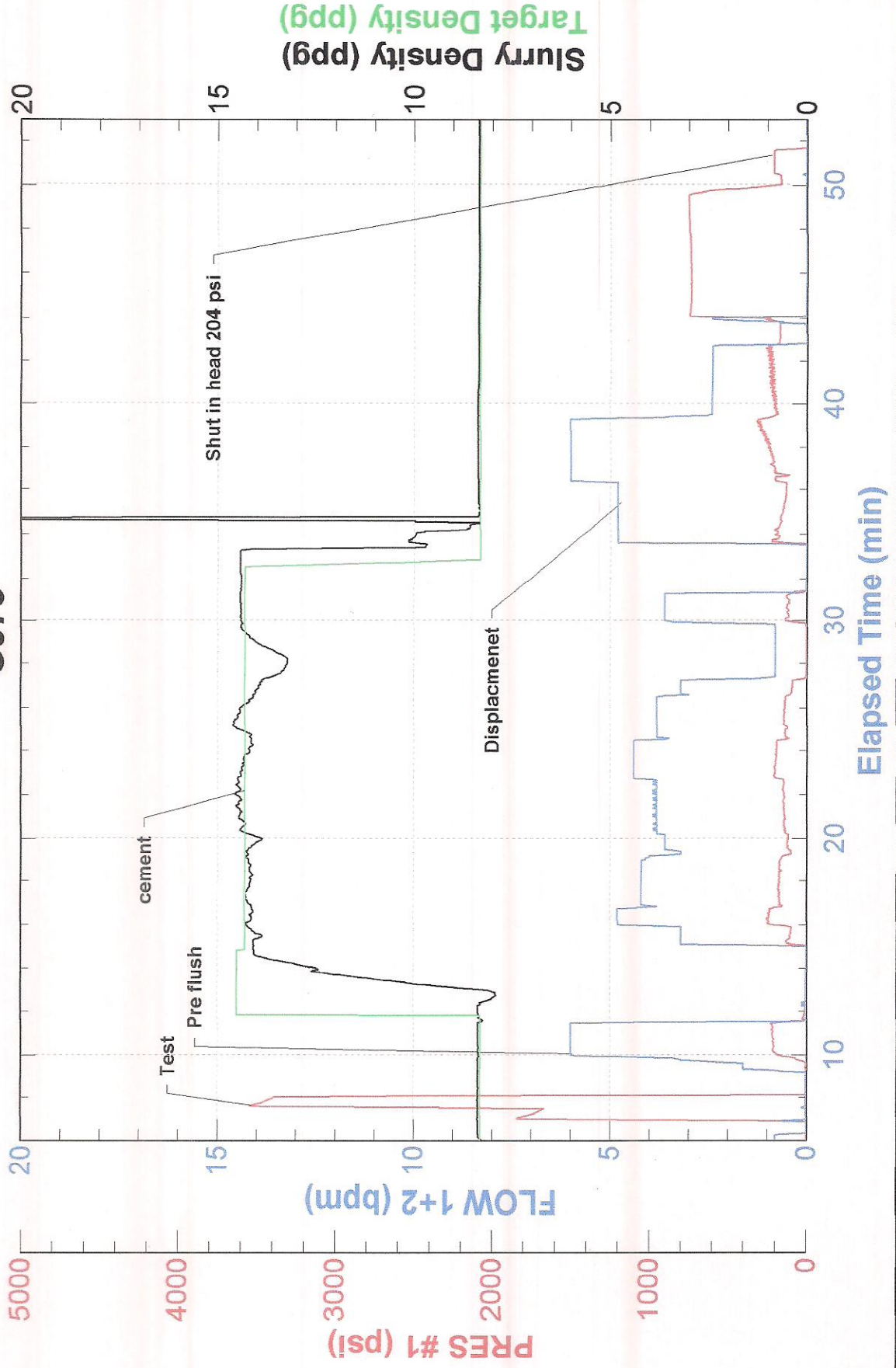
BJ Services JobMaster Program Version 3.50

Job Number: 1001929842

Customer: Kerr McGee

Well Name: coy1e 32-34D

C973





FIELD RECEIPT NO. 1001929842

CUSTOMER ENSGN UNITED STATES DRILLING				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20015430 - 20015430		INVOICE NUMBER	
MAIL INVOICE TO : STREET OR BOX NUMBER 1700 BROADWAY, STE 777 PO BOX 17805				CITY DENVER		STATE Colorado		ZIP CODE 80217			
DATE WORK COMPLETED		MO. 08	DAY 18	YEAR 2012	BHI REPRESENTATIVE RYAN R STEVENS		WELL APINO: 05123354920000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 670		WELL CLASS : Gas				
WELL NAME AND NUMBER COYLE #32-34D					TD WELL DEPTH (ft) 681		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	
100112	Calcium Chloride				lbs	461	1.290	594.69	62%	225.98	
100295	Cello Flake				lbs	62	5.100	316.20	62%	120.16	
499680	Static Free				lbs	20	40.700	814.00	62%	309.32	
499703	Type III Cement				sacks	245	31.700	7,766.50	62%	2,951.27	
SUB-TOTAL FOR Product Material											
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00	
M100	Bulk Materials Blending Charge				cu ft	259	5.450	1,411.55	62%	536.39	
SUB-TOTAL FOR Service Charges											
P.O. # 24900											
ARRIVE LOCATION : MO. 08 DAY 18 YEAR 2012 TIME 01:23					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.						
CUSTOMER REP. Chris Montoya					CUSTOMER AUTHORIZED AGENT X						
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					BHI APPROVED X						



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PRODUCT CODE		DESCRIPTION			UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT				
F053A		Cement Pumping, 0 - 1000 ft			4hrs		1		3,200.00		3,200.00				
F090		Fuel per pump charge - cement			pump/hr		2		70.250		140.50				
J050		Cement Head			job		1		830.000		830.00				
J225		Data Acquisition, Cement, Standard			job		1		2,130.000		2,130.00				
J390		Mileage, Heavy Vehicle			miles		56		11.850		663.60				
J391		Mileage, Auto, Pick-Up or Treating Van			miles		56		6.700		375.20				
		SUB-TOTAL FOR Equipment									7,339.30				
J401		Bulk Delivery, Dry Products			ton-mi		331		3.940		1,304.14				
		SUB-TOTAL FOR Freight/Delivery Charges									1,304.14				
		FIELD ESTIMATE									19,756.38				
											60.90%				
											7,724.74				
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CUSTOMER REP. Chris Montoya										X <i>Chris Montoya</i> CUSTOMER AUTHORIZED AGENT				X BHI APPROVED	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS										X CUSTOMER AUTHORIZED AGENT					