

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COI		DATE 17-APR-14	F.R. # 10011060974		SERV. SUPV. JOHN R WUDARCZYK									
LEASE & WELL NAME HSR-BRANDEL #5-14A - API 05123161690000			LOCATION 14-3N-66W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O			TYPE OF JOB Plug Back									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD HANGER TYPES MD TVD								
		No Shoe												
PHYSICAL SLURRY PROPERTIES														
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT3								
Plug Slurry				30	15.8	1.16								
Fresh Water				0	8.34	0								
Fresh Water				0	8.34	0								
Available Mix Water 90 Bbl.		Available Displ. Fluid 50 Bbl.		TOTAL		27.18 3.57								
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
0	0	0	4	4.5	11.6	CSG	3354	3354	N-80	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.
						NO PACKER		0			2.375	8RND	WATER BASED	8.4
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				
11	BBLS	Fresh Water	8.34	0	0	1000	8960	2000	6224	2000	TRANSPORT			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 2 BPM						
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 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: 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 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 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: 1				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: 2968 FT				Bottom of Plug: 3354 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 checked="" 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: 1014 Fluid Weight: 8.34 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						
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										
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE														

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

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 4360 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
09:45	0	0	0	0	0	ARRIVE ON LOCATION (17 MILES)	
10:00	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
11:15	0	0	0	0	0	PRE JOB MEETING	
11:21	4360	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
11:26	330	0	2.4	10	H2O	FRESH WATER	
11:35	101	0	1.5	6	CMT	BATCH UP AND PUMP 30 SKS CLASS G+1%CACL @15.8# PLUG FROM 3354' TO 2968'	
11:45	101	0	2.6	11	H2O	DISPLACE	
11:51	0	0	0	0	H2O	SHUT DOWN / WASH UP	
12:10	279	0	2.4	20	H2O	REVERSE OUT	
12:18	0	0	0	0	H2O	SHUT DOWN	
12:25	1039	0	1.3	.75	H2O	SQUEEZE	
12:33	0	0	0	0	H2O	BLEED OFF	
12:34	1014	0	.8	.25	H2O	SQUEEZE / SHUT IN WELL	
12:36	0	0	0	0	H2O	BLEED OFF TO PUMP	
12:40	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:
Y <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	48	1014	Y <input checked="" type="checkbox"/> N	



FIELD RECEIPT NO. 10011060974

CUSTOMER ANADARKO PETROLEUM CORP - XML				CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER 20047992 - 00208786	INVOICE NUMBER				
MAIL INVOICE TO		STREET OR BOX NUMBER PO BOX 1330		CITY Houston		STATE Texas	ZIP CODE 77251-1330				
DATE WORK COMPLETED	MO. 04	DAY 17	YEAR 2014	BHI REPRESENTATIVE JOHN R WUDARCZYK	WELL API NO: 05123161690000	WELL TYPE : Old Well					
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 3,354		WELL CLASS : Gas					
WELL NAME AND NUMBER HSR-BRANDEL #5-14A				TD WELL DEPTH (ft) 3,354		GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 14-3N-66W		COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Plug Back					
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100112	Calcium Chloride				lbs	29					
488019	FP-6L				gals	1					
499632	Granulated Sugar				lbs	50					
L100021-00	Class G Cement				sacks	30					
	SUB-TOTAL FOR Product Material										
A152	Personnel Per Diem Chrg - Cement Svc				ea	1					
M100	Bulk Materials Blending Charge				cu ft	31					
	SUB-TOTAL FOR Service Charges										
F059A	Cement Pumping, 3001 - 4000 ft				6hrs	1					
F090	Fuel per pump charge - cement				pump/hr	2					
J225	Data Acquisition, Cement, Standard				job	1					
J390	Mileage, Heavy Vehicle				miles	34					
J391	Mileage, Auto, Pick-Up or Treating Van				miles	34					
	SUB-TOTAL FOR Equipment										
ARRIVE LOCATION :	MO. 04	DAY 17	YEAR 2014	TIME 09:45	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. CASEY DECKER									CUSTOMER AUTHORIZED AGENT		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									X		
					CUSTOMER AUTHORIZED AGENT				BHI APPROVED		
									X		