

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											
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	
Plug Slurry								30	15.8	1.16	5.00		6.18	3.57	
Fresh Water								0	8.34	0	0	00:00	11		
Fresh Water								0	8.34	0	0	00:00	10		
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	TRANSPOR T				
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	
						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 Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 48	PSI LEFT ON CSG 1014	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:
---	-----------------------------	--	--------------------------------------	-------------------------------	-------------------------------	--	-------------------------------



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 X							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					BHI APPROVED X							
					CUSTOMER AUTHORIZED AGENT							