

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COF		DATE 21-MAY-14	F.R. # 10011069725		SERV. SUPV. JOHN R WUDARCZYK									
LEASE & WELL NAME CAMP #2-31 - API 05123248090000		LOCATION 31-3N-65W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # WO		TYPE OF JOB Squeeze-Perforation										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
NONE		No Shoe		NONE		0	0	NONE		0	0			
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		N/A		0	8.34	0	0	00:00	20					
Cement Slurry		N/A		596	15.8	1.15	4.97	00:00	122.35	70.50				
Fresh Water		N/A		0	8.34	0	0	00:00	5					
SMS		N/A		0	8.34	0	0	00:00	20					
Fresh Water		N/A		0	8.34	0	0	00:00	5					
Available Mix Water 150 Bbl.		Available Displ. Fluid 40 Bbl.		TOTAL				172.35	70.50					
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.097	0	3150	4	4.5	11.6	CSG	3150	3150	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.
8.1	8.63	24	CSG	817	817	NO PACKER		0	0	0	1.66	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	MIX WATER			
5	BBLS	Fresh Water	8.34	0	0	0	9440	2500	6224	2500	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: 2 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 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 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														
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	3914 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
08:00	0	0	0	0	N/A	ARRIVE ON LOCATION	
08:15	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
08:45	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
08:56	3914	0	0	0	H2O	PRESSURE TEST	
09:00	1222	0	2	20	H2O	FRESH WATER	
09:13	1249	0	2	20	H2O	SMS SPACER	
09:22	1152	0	2	5	H2O	FRESH WATER	
09:31	2140	0	1.8	122	CMT	BATCH/WEIGH/PUMP 596 SX OF CEMENT @ 15.8 PPG FROM 3150' - 295'	
10:41	1783	0	1.5	5	H2O	DISPLACEMENT	
10:44	0	0	0	0	N/A	SHUT DOWN / WASH UP	
11:00	0	0	0	0	N/A	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 type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	172	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	



FIELD RECEIPT NO. 10011069725

CUSTOMER ANADARKO PETROLEUM CORP - XML				CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER 20047992 - 00233691	INVOICE NUMBER			
MAIL INVOICE TO		STREET OR BOX NUMBER PO BOX 1330		CITY Houston		STATE Texas	ZIP CODE 77251-1330			
DATE WORK COMPLETED	MO. 05	DAY 21	YEAR 2014	BHI REPRESENTATIVE JOHN R WUDARCZYK	WELL API NO: 05123248090000	WELL TYPE : Old Well				
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 3,150		WELL CLASS : Gas				
WELL NAME AND NUMBER CAMP #2-31				TD WELL DEPTH (ft) 3,150		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 31-3N-65W		COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Squeeze-Perforation				
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement				sacks	596				
100275	Sodium Metasilicate				lbs	800				
100283	R-3				lbs	197				
100295	Cello Flake				lbs	149				
428086	BA-59				lbs	113				
488019	FP-6L				gals	5				
499632	Granulated Sugar				lbs	50				
	SUB-TOTAL FOR Product Material									
A152	Personnel Per Diem Chrg - Cement Svc				ea	1				
M100	Bulk Materials Blending Charge				cu ft	632				
	SUB-TOTAL FOR Service Charges									
ARRIVE LOCATION :	MO. 05	DAY 21	YEAR 2014	TIME 08:00	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. MARK VANDAGRIFF								CUSTOMER AUTHORIZED AGENT		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								X		
								BHI APPROVED		
								X		
					CUSTOMER AUTHORIZED AGENT					