

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COF		DATE 02-APR-14	F.R. # 10011057126	SERV. SUPV. STEVEN S ISCHE									
LEASE & WELL NAME RADEMACHER #10-25 - API 05123270920000		LOCATION 25-3N-68W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Squeeze-Perforation									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
4-1/2" Top Cem Plug, Nitrile cvr, Phc				Bridge Plug		6970	6870	NONE		0	0		
PHYSICAL SLURRY PROPERTIES													
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ₃	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
SMS Spacer		N/A		0	8.34	0	0	00:00	20				
Squeeze Slurry		N/A		150	14	1.53	7.74	02:11	30	20.36			
Fresh Water		N/A		0	8.34	0	0	00:00	21.5				
Fresh Water		N/A		0	8.34	0	0	00:00	100				
Fresh Water		N/A		0	8.34	0	0	00:00	5				
Available Mix Water		230 Bbl.		Available Displ. Fluid		77 Bbl.		TOTAL		176.5	20.36		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.25	0	1500	4	4.5	11.6	CSG	1500	1500	N-80				
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			4.5	8RD	WATER BASED	8.6
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			
21.5	BBLs	Fresh Water	8.34	500	0	0	0	0	6996	1000	TRUCK		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 6 BPM					
Mud Density In: 8.6 LBS/GAL				Mud Density Out: 8.6 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 type="checkbox"/> FULL				Method Used to Verify Returns:									
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: 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	3058 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
06:30	0	0	0	0	N/A	LEAVE YARD	
07:00	0	0	0	0	N/A	ARRIVE ON LOCATION	
07:10	0	0	0	0	N/A	SPOT TRUCKS AND PRE RIG UP SAFTY MEETING	
08:20	0	0	0	0	N/A	JSA WITH CREW	
08:40	60	0	1	1	H2O	LOAD LINES	
08:43	3058	0	0	0	H2O	PRESSURE TEST	
08:45	404	0	6	100	H2O	FRESH WATER SPACER	
09:05	316	0	5	20	SMS	SMS SPACER	
09:12	250	0	6	5	H2O	FRESH WATER SPACER	
09:20	200	0	3.6	30	CMT	BATCH UP, WHEIGH AND SEND 14# (HAD TO RUN IN STROKES SO COUNTERS ARE OFF THE WELL WAS ON A VACUME)	
09:35	0	0	0	0	N/A	DROP PLUG	
09:41	315	0	3	21.5	H2O	DISPLACEMENT	
09:50	927	0	0	0	N/A	SHUT DOWN AND CLOSE IN	
09:55	0	0	0	0	N/A	WASH UP	
10:05	0	0	0	0	N/A	RIG DOWN SAFTY MEETING	
10:40	0	0	0	0	N/A	LEAVE LOCATION	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	<u>Service Supervisor Signature:</u>
Y <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	178	927	Y <input checked="" type="checkbox"/> N	



FIELD RECEIPT NO. 10011057126

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 02	YEAR 2014	BHI REPRESENTATIVE STEVEN S ISCHE	WELL API NO: 05123270920000	WELL TYPE : Old Well				
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 1,500		WELL CLASS : Gas				
WELL NAME AND NUMBER RADEMACHER #10-25				TD WELL DEPTH (ft) 1,500		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 25-3N-68W		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
100112	Calcium Chloride				lbs	141				
100112	Calcium Chloride				lbs	300				
100275	Sodium Metasilicate				lbs	800				
100295	Cello Flake				lbs	38				
100404	Sodium Chloride				lbs	100				
488019	FP-6L				gals	2				
499632	Granulated Sugar				lbs	50				
499703	Type III Cement				sacks	150				
86704-1	4" Top Cem Plug, Nitrile cvr, Phen				ea	1				
	SUB-TOTAL FOR Product Material									
A152	Personnel Per Diem Chrg - Cement Svc				ea	1				
M100	Bulk Materials Blending Charge				cu ft	180				
	SUB-TOTAL FOR Service Charges									
ARRIVE LOCATION :	MO. 04	DAY 02	YEAR 2014	TIME 07:00	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. NICK LANG					CUSTOMER AUTHORIZED AGENT				X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									CUSTOMER AUTHORIZED AGENT	