

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COR				DATE 10-MAR-14		F.R. # 10011051706				SERV. SUPV. ERIC S DEWIT			
LEASE & WELL NAME RADEMACHER #37-25 - API 05123271400000				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		
Cement Plug, Rubber, Top 4-1/2 in		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	
SMS Spacer				0		8.34	0	0	00:00	20			
Squeeze Slurry				135		14	1.53	7.74		36.68	24.89		
Fresh Water				0		8.34	0	0	00:00	20			
Available Mix Water 230 Bbl.				Available Displ. Fluid 230 Bbl.				TOTAL		76.68	24.89		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8	0	0	4	4.5	11.6	CSG	1520	1520	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	WGT.	
						No Packer	0			4.5	8RND	8.34	
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	0	0	0	0	0	3000	2000	Tanker		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 3 BPM				
Mud Density In: 8.34 LBS/G Mud Density Out: 8.34 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: 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							
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	2929 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:42	0	0	0	0	N/A	Leave yard	
07:18	0	0	0	0	N/A	Arrive on location, 23 miles	
07:25	0	0	0	0	N/A	Spot trucks	
07:36	0	0	0	0	N/A	Pre rig up safety meeting	
08:10	0	0	0	0	N/A	Pre job safety meeting	
08:39	2929	0	0	0	H2O	Pressure test pumps and lines	
08:44	219	0	5.6	100	H2O	Fresh water spacer	
09:04	36	0	3.6	20	H2O	SMS Spacer	
09:11	42	0	3.6	5	H2O	Fresh water spacer	
09:17	71	0	3	35	CMT	Batch, weigh, and pump cement @14 ppg	
09:42	0	0	0	0	N/A	Drop plug	
09:45	28	0	4	21.5	H2O	Displacement	
09:48	0	0	0	0	N/A	Pre rig down safety meeting	
10:45	0	0	0	0	N/A	Leave location	
11:15	0	0	0	0	N/A	Arrive back at yard	

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 181.5	PSI LEFT ON CSG 692	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:
---	-----------------------------	--	--------------------------------------	----------------------------------	------------------------------	--	-------------------------------



FIELD RECEIPT NO. 10011051706

CUSTOMER ANADARKO PETROLEUM CORP - XML					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20047992 - 00208786		INVOICE NUMBER	
MAIL STREET OR BOX NUMBER PO BOX 1330					CITY Houston		STATE Texas		ZIP CODE 77251-1330			
DATE WORK COMPLETED MO. 03 DAY 10 YEAR 2014					BHI REPRESENTATIVE ERIC S DEWIT		WELL API NO: 05123271400000		WELL TYPE : Old Well			
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 1,520		WELL CLASS : Gas					
WELL NAME AND NUMBER RADEMACHER #37-25					TD WELL DEPTH (ft) 1,520		GAS USED ON JOB : No Gas					
WELL LOCATION : 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	127					
100112		Calcium Chloride				lbs	300					
100295		Cello Flake				lbs	34					
100404		Sodium Chloride				lbs	100					
488019		FP-6L				gals	1					
499632		Granulated Sugar				lbs	100					
499703		Type III Cement				sacks	135					
		SUB-TOTAL FOR Product Material										
A152		Personnel Per Diem Chrg - Cement Svc				ea	1					
M100		Bulk Materials Blending Charge				cu ft	165					
		SUB-TOTAL FOR Service Charges										
ARRIVE LOCATION :		MO. 03	DAY 11	YEAR 2014	TIME 07:18	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. <div style="text-align: center;"> CUSTOMER AUTHORIZED AGENT </div>					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					BHI APPROVED X							