

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COF		DATE 09-APR-14		F.R. # 10011058980		SERV. SUPV. STEVEN S ISCHE							
LEASE & WELL NAME MURRAY #21-14 - API 05123246720000		LOCATION 14-3N-66W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Workover		TYPE OF JOB Squeeze-Block									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD						
4-1/2" Top Cem Plug, Nitri cvr, Phen													
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		N/A		0	8.34	0	0	00:00	20				
Fresh Water		N/A		0	8.34	0	0	00:00	105				
Squeeze Slurry		N/A		330	14	1.53	7.74	02:15	89.67	60.85			
Available Mix Water 240 Bbl.		Available Displ. Fluid 70 Bbl.		TOTAL		214.67		60.85					
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
10	40	1620	4.052	4.5	10.5	CSG	1620	1620	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			2.375	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			
23	BBLS	Fresh Water	8.34	0	0	0	0	0	6224	800	TRUCK		
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: 8.6 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: 1 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													

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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 4000 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:45	0	0	0	0	N/A	LEAVE YARD	
07:15	0	0	0	0	N/A	ARRIVE ON LOCATION	
07:20	0	0	0	0	N/A	SPOT TRUCKS AND PRE RIG UP SAFTY MEETING	
08:50	0	0	0	0	N/A	JSA WITH CREW	
09:11	0	0	1	1	H2O	LOAD LINES	
09:13	3961	0	0	0	H2O	PRESSURE TEST	
09:15	314	0	6	100	H2O	FRESH WATER SPACER	
09:40	150	0	4.2	20	SMS	SPACER	
09:45	121	0	4.2	5	H2O	FRESH WATER SPACER	
09:50	86	0	3.2	81	CMT	BATCH UP, WHEIGH AND SEND 14#	
10:37	515	0	4.8	19	H2O	DISPLACEMENT	
10:42	765	0	1	3.3	H2O	DISPLACEMENT	
10:45	662	0	0	0	N/A	SHUT DOWN AND WASH UP	
11:00	0	0	0	0	N/A	RIG DOWN SAFTY MEETING	
11:30	0	0	0	0	N/A	LEAVE LOCATION	
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 231	PSI LEFT ON CSG 662	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:



FIELD RECEIPT NO. 10011058980

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. 04	DAY 09	YEAR 2014	BHI REPRESENTATIVE STEVEN S ISCHE		WELL API NO: 05123246720000		WELL TYPE : Old Well				
DISTRICT BJS, BRIGHTON					JOB DEPTH(ft) 1,620		WELL CLASS : Gas						
WELL NAME AND NUMBER MURRAY #21-14					TD WELL DEPTH(ft) 1,620		GAS USED ON JOB : No Gas						
WELL LOCATION :		LEGAL DESCRIPTION 14-3N-66W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Squeeze-Block				
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100112		Calcium Chloride				lbs	311						
100275		Sodium Metasilicate				lbs	800						
100295		Cello Flake				lbs	83						
488019		FP-6L				gals	3						
499703		Type III Cement				sacks	330						
		SUB-TOTAL FOR Product Material											
A152		Personnel Per Diem Chrg - Cement Svc				ea	1						
M100		Bulk Materials Blending Charge				cu ft	353						
		SUB-TOTAL FOR Service Charges											
ARRIVE LOCATION :		MO. 04	DAY 09	YEAR 2014	TIME 07:20	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. CUSTOMER AUTHORIZED AGENT						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								