

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COI			DATE 14-FEB-14		F.R. # 10011046591			SERV. SUPV. FELIPE LANDA					
LEASE & WELL NAME ALBERT SACK UNIT #1 - API 05123079020000				LOCATION 22-1N-67W				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	
PHYSICAL SLURRY PROPERTIES													
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
Fresh Water							8.34				10		
Squeeze Slurry						160	13.5	1.71	8.30		48.84	31.60	
Fresh Water							8.34				32		
Available Mix Water 150 Bbl.			Available Displ. Fluid 150 Bbl.			TOTAL			90.84		31.60		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
10		7350	4	4.5	11.6	CSG	7350	7350					
			1.995	2.375	4.7	TBG	6850	6850					
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.
						CEMENT RETAINER	6850			2.375	8RD	WATER BASED	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			
32	BBLS	Fresh Water	8.34	0	0	0	7700	3000	4790	3000	TRANSPORT		
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:		PV & YP Mud Out:			
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"/> RECIPROICATION <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 checked="" type="checkbox"/> NO MANIFOLD													
Plugs													
Number of Attempts by BJ: 0				Competition:				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							

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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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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 4169 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
05:00	0	0	0	0	NA	YARD CALL	
10:00	0	0	0	0	NA	ARRIVED ON LOCATION	
11:00	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING	
11:30	0	0	0	0	NA	SAFETY MEETING	
11:41	52	0	.8	1	H2O	LOAD LINES	
11:43	4169	0	0	0	H2O	PRESSURE TEST	
11:46	1703	0	3	1703	H2O	FRESH WATER	
11:57	778	0	2.4	48	CEMENT	160 SACKS OF (50:50) POZ (FLY ASH) : CLASS "G" CEMENT + 0.1% R-3 + 0.6% FL-52 + 0.1% SODIUM METASILICATE + 20% SILICA FLOUR + 3% BENTONITE II @ 13.5 PPG	
12:15	1627	0	2.4	32	H2O	DISPLACE	
12:33	0	0	0	0	H2O	BLEED OFF PRESSURE/BALANCE CEMENT	
12:42	1401	0	3.6	60	H2O	CIRCULATE WELL CLEAN	
13:05	0	0	0	0	NA	POST JOB 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 checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	150	0	Y <input checked="" type="checkbox"/> N	



FIELD RECEIPT NO. 10011046591

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. 02	DAY 14	YEAR 2014	BHI REPRESENTATIVE FELIPE LANDA	WELL API NO: 05123079020000	WELL TYPE : Old Well					
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 7,350		WELL CLASS : Gas					
WELL NAME AND NUMBER ALBERT SACK UNIT #1				TD WELL DEPTH (ft) 7,350		GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 22-1N-67W		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	80					
100112	Calcium Chloride				lbs	300					
100121	Silica Flour				lbs	2688					
100275	Sodium Metasilicate				lbs	14					
100283	R-3				lbs	14					
100317	Poz (Fly Ash)				sacks	80					
100404	Sodium Chloride				lbs	100					
488015	FL-52				lbs	81					
488019	FP-6L				gals	2					
488449	Bentonite II				lbs	404					
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	218					
	SUB-TOTAL FOR Service Charges										
ARRIVE LOCATION :	MO. 02	DAY 14	YEAR 2014	TIME 10:00	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. AL MORALES					CUSTOMER AUTHORIZED AGENT CUSTOMER AUTHORIZED AGENT				X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									BHI APPROVED X		