

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COR				DATE 29-MAY-14		F.R. # 10011071923				SERV. SUPV. ERIC S DEWIT					
LEASE & WELL NAME WARDELL #29-29 - API 05123240910000				LOCATION 29-3N-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		
		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	
Fresh Water								0	8.34	0	0	00:00	20		
Cement Slurry								170	14	1.51	7.71		45.71	31.11	
Fresh Water								0	8.34	0	0	00:00	3		
Available Mix Water 150 Bbl.				Available Displ. Fluid 150 Bbl.				TOTAL				68.71	31.11		
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE			
8.097	0	1500	4.052	4.5	10.5	CSG	1520	1520	N-80	0	0	0			
			1.278	1.66	3.02	TBG	1520	1520	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.	
8.1	8.63	24	CSG	850	850	No Packer		0	0	0	2	1502	FRESH WATER	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					
3	BBLS	Fresh Water	8.34	0	0	0	3000	2000	3000	2000	Tanker				
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: 8.34 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									

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

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	2671 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
07:10	0	0	0	0	N/A	Leave yard	
07:50	0	0	0	0	N/A	Arrive on location	
08:08	0	0	0	0	N/A	Spot trucks	
08:16	0	0	0	0	N/A	Pre rig up safety meeting	
08:44	0	0	0	0	N/A	Pre job safety meeting	
08:57	27	0	1	1	H2O	Load pumps and lines	
08:59	2671	0	0	0	H2O	Pressure test pumps and lines	
09:03	630	0	2	630	H2O	Fresh water spacer	
09:14	656	0	1.5	45	CMT	Batch, weigh, and pump Type III cement @14 ppg	
10:00	631	0	1.7	3	H2O	Displacement	
10:03	0	0	0	0	H2O	Shut down wash up	
10:40	0	0	0	0	N/A	Pre rig down safety meeting	
10:55	0	0	0	0	N/A	Leave location	
11:25	0	0	0	0	N/A	Arrive back at the 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 69	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:
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FIELD RECEIPT NO. 10011071923

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 29	YEAR 2014	BHI REPRESENTATIVE ERIC S DEWIT		WELL API NO: 05123240910000		WELL TYPE : Old Well					
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 1,520		WELL CLASS : Gas							
WELL NAME AND NUMBER WARDELL #29-29					TD WELL DEPTH (ft) 1,520		GAS USED ON JOB : No Gas							
WELL LOCATION :		LEGAL DESCRIPTION 29-3N-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			
100283		R-3				lbs	46							
100295		Cello Flake				lbs	40							
488019		FP-6L				gals	2							
499703		Type III Cement				sacks	170							
		SUB-TOTAL FOR Product Material												
A152		Personnel Per Diem Chrg - Cement Svc				ea	1							
M100		Bulk Materials Blending Charge				cu ft	224							
		SUB-TOTAL FOR Service Charges												
F055A		Cement Pumping, 1001 - 2000 ft				4hrs	1							
F090		Fuel per pump charge - cement				pump/hr	2							
J225		Data Acquisition, Cement, Standard				job	1							
J390		Mileage, Heavy Vehicle				miles	50							
J391		Mileage, Auto, Pick-Up or Treating Van				miles	50							
		SUB-TOTAL FOR Equipment												
ARRIVE LOCATION :		MO. 05	DAY 29	YEAR 2014	TIME 07:59	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 X									
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					BHI APPROVED X									
					CUSTOMER AUTHORIZED AGENT									