

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COR		DATE 16-DEC-13	F.R.# 10011033508	SERV. SUPV. ERIC S DEWIT										
LEASE & WELL NAME TUTTLE #17-4 - API 05123152480000		LOCATION 17-3N-66W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Plug & Abandon										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD	TVD				
No Shoe														
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				
Fresh Water				0	8.3	0	0		10					
Plug Slurry				25	15.8	1.15	5.00		5.11	2.98				
Fresh Water				0	8.34	0	0		9.86					
Available Mix Water		150 Bbl.		Available Displ. Fluid		150 Bbl.		TOTAL	24.97	2.98				
HOLE				TBG-CSG-D.P.				COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
0	0	0	2.441	2.875	6.5	CSG	7300	7300	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	TYPE	WGT.
8.1	8.63	24	CSG	415	415	No Packer		0	0	0	2	8RND	FRESH WATER	8.4
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			
11.6	BBLs	Fresh Water		8.34	0	0	0	9440	3000	4000	3000	Tanker		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 0				Circulation Rate: 0 BPM						
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE				Quantity:				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID						
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				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: 1				Competition: 1				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				Top of Plug: 6401 FT		Bottom of Plug: 7265 FT				
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES														
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	4918 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
13:13	0	0	0	0	N/A	Leave previous location		
13:45	0	0	0	0	N/A	Arrive on location, 20 miles rig still running tubing		
13:50	0	0	0	0	N/A	Spot trucks		
13:55	0	0	0	0	N/A	Pre rig up safety meeting		
14:29	0	0	0	0	N/A	Pre job safety meeting		
14:41	933	0	1	3	H2O	Load pumps and lines, break circulation		
14:45	4918	0	0	0	H2O	Pressure test pumps and lines		
14:48	908	0	1	5	CMT	Batch, weigh, and pump cement @15.8 ppg		
14:56	479	0	1.2	10	H2O	Displacement		
15:04	0	0	0	0	H2O	Balance plug		
15:08	0	0	0	0	N/A	Pre rig down safety meeting		
15:45	0	0	0	0	N/A	Leave location		
BUMPED PLUG Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 18	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature



FIELD RECEIPT NO. 10011033508

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. 12	DAY 16	YEAR 2013	BHI REPRESENTATIVE ERIC S DEWIT	WELL API NO: 05123152480000	WELL TYPE : Old Well				
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 7,265	WELL CLASS : Gas					
WELL NAME AND NUMBER TUTTLE #L17-4				TD WELL DEPTH (ft) 7,265	GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 17-3N-66W	COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Plug & Abandon					
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100021	Class G Cement			sacks	25					
488019	FP-6L			gals	1					
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	26					
SUB-TOTAL FOR Service Charges										
F067A	Cement Pumping, 7001 - 8000 ft			6hrs	1					
F090	Fuel per pump charge - cement			pump/hr	2					
J225	Data Acquisition, Cement, Standard			job	1					
J390	Mileage, Heavy Vehicle			miles	40					
J391	Mileage, Auto, Pick-Up or Treating Van			miles	40					
SUB-TOTAL FOR Equipment										
ARRIVE LOCATION :	MO. 12	DAY 16	YEAR 2013	TIME 13:45	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				X CUSTOMER AUTHORIZED AGENT	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									X BHI APPROVED	



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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
J403	Bulk Delivery, Minimum Charge SUB-TOTAL FOR Freight/Delivery Charges FIELD ESTIMATE				job	1						
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