

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COI		DATE 11-MAR-14	F.R. # 10011051621	SERV. SUPV. STEPHEN J CARDOS										
LEASE & WELL NAME MORNING FRESH #7-22 - API 05123228980000		LOCATION 22-3N-66W		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										
Cement Plug, Rubber, Bottom 4-1/2 i		Centralizer, with Pins, 4-1/2 in		N/A										
				MD	TVD									
				HANGER TYPES MD TVD										
				N/A										
		PHYSICAL SLURRY PROPERTIES												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³									
SMS Spacer		N/A	0	8.34	0									
Squeeze Slurry			525	14	1.53									
Fresh Water		N/A	0	8.34	0									
Available Mix Water 180 Bbl.		Available Displ. Fluid 180 Bbl.			TOTAL									
				182.66 96.81										
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
0	0	0	4.052	4.5	11.6	CSG	1550	1550	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.
7.8	8.63	36	CSG	679		NO PACKER		0	1055	1055	4.5	8RND	WATER BASED	8.3
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	BBLs	Fresh Water		8.34	0	0	0	0	0	6224	3000	FRAC TANK		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: .5				Circulation Rate: 2 BPM						
Mud Density In: 8.3 LBS/GAL				Mud Density Out: 8.3 LBS/GAL				PV & YP Mud In: 0		PV & YP Mud Out: 0				
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>				Units: 0				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														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 0				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 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

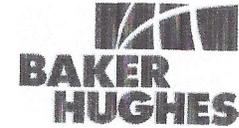
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
NONE

PRESSURE/RATE DETAIL

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION					
	PIPE	ANNULUS				SAFETY MEETING: BJ CREW	<input checked="" type="checkbox"/>	CO. REP.	<input checked="" type="checkbox"/>		
						TEST LINES	3396 PSI				
						CIRCULATING WELL - RIG		<input checked="" type="checkbox"/>	BJ	<input type="checkbox"/>	
03:30	0	0	0	0	N/A	ARRIVE AT YARD					
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					
07:25	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING					
07:55	0	0	0	0	N/A	WAIT ON CAT FOR WATER TRUCK					
09:05	0	0	0	0	N/A	SAFETY MEETING					
09:29	201	0	2.5	10	H2O	FRESH SPACER					
09:24	3396	0	0	0	H2O	PRESSURE TEST					
09:35	176	0	2.6	20	H2O	SMS SPACER					
09:47	151	0	2.4	5	H2O	FRESH WATER SPACER					
09:52	50	0	2.2	62	H2O	BATCH/WEIGH/PUMP 14 LB CEMENT					
10:22	0	0	0	0	CMT	STOP PUMPING/RELEASE PLUG					
10:32	100	0	1.2	1	CMT	PUMP 1 BBL OF CEMENT ON TOP OF PLUG					
10:34	127	0	2.4	17	H2O	DISPLACE 18 BBL THEN STOP/CLOSE BACKSIDE					
10:41	0	0	0	0	N/A	SHUTDOWN / CLOSED BACKSIDE					
10:42	326	0	.5	3	H2O	DISPLACE 3 BBL AND SHUT DOWN					
10:53	0	0	0	0	N/A	SHUTDOWN					
10:55	0	0	0	0	N/A	SWITCHED OVER FOR WASHUP					
11:20	0	0	0	0	N/A	RIG DOWN SAFETY MEETING					
11:25	0	0	0	0	N/A	RIG DOWN/ JOB DONE					

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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N 0	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N 0	0	117	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



FIELD RECEIPT NO. 10011051621

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. 03	DAY 11	YEAR 2014	BHI REPRESENTATIVE STEPHEN J CARDOS	WELL API NO: 05123228980000	WELL TYPE : Old Well			
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 1,055	WELL CLASS : Gas				
WELL NAME AND NUMBER MORNING FRESH #7-22				TD WELL DEPTH (ft) 5,000	GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 22-3N-66W		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	245				
100275	Sodium Metasilicate			lbs	800				
100295	Cello Flake			lbs	62				
488019	FP-6L			gals	3				
499632	Granulated Sugar			lbs	50				
499703	Type III Cement			sacks	245				
SUB-TOTAL FOR Product Material									
A152	Personnel Per Diem Chrg - Cement Svc			ea	1				
M100	Bulk Materials Blending Charge			cu ft	274				
SUB-TOTAL FOR Service Charges									
ARRIVE LOCATION :	MO. 03	DAY 11	YEAR 2014	TIME 06:45	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. MARK VANDAGRIFF				CUSTOMER AUTHORIZED AGENT				X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						X		BHI APPROVED	