

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COR		DATE 15-APR-14	F.R. # 10011060352		SERV. SUPV. ROBERT HORAN									
LEASE & WELL NAME MORNING #41-15 - API 05123253500000		LOCATION 15-3N-66W		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								
4-1/2" Top Cem Plug, Nitrile cvr, Phe														
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										
Squeeze Slurry		N/A		215	14	1.53								
Fresh Water		N/A		23	8.34	0								
Fresh Water		N/A		75	8.34	0								
SMS		N/A		20	8.34	0								
Fresh Water		N/A		5	8.34	0								
Available Mix Water 220 Bbl.		Available Displ. Fluid 57 Bbl.		TOTAL		83.42 39.65								
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.5	0	1600	4	4.5	11.6	CSG	1600	1600	P-110					
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	750	750	NO PACKER			1600	1601	4.5	8 RND	FRESH WATER	8.37
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	1000	0	0	8552	1000	TANK 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: 0 LBS/GAL				Mud Density Out: 0 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 checked="" 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 checked="" 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: 270		Fluid Weight: 8.34 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						
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE														
PRESSURE/RATE DETAIL						EXPLANATION								

CEMENT JOB REPORT



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	

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	3184 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
04:00	0	0	0	0	0	YARD CALL	
06:45	0	0	0	0	0	SAFETY MEETING	
07:15	0	0	0	0	0	LEAVE YARD	
07:50	0	0	0	0	0	ARRIVE LOCATION	
09:00	0	0	0	0	0	STAGE TRUCKS	
09:15	0	0	.8	1	H2O	LOAD LINES	
09:19	3184	0	0	0	H2O	PRESSURE TEST	
09:22	225	0	6	75	H2O	SPACER	
09:37	0	0	6	20	SMS	SPACER	
09:43	0	0	6	5	H2O	SPACER	
09:49	63	0	4.8		CMT	BATCH,WEIGH,PUMP 14 LB CEMENT	
10:07	0	0	0	0	H2O	DROP PLUG / DISPLACEMENT	
10:09	126	0	3.6	15	H2O	DISPLACEMENT RATE CHANGE	
10:15	150	0	2	20	H2O	DISPLACEMENT RATE CHANGE	
10:16	132	0	1	21	H2O	DISPLACEMENT RATE CHANGE	
10:17	270	0	1	22.5	H2O	RIG SHUT IN	
10:20	0	0	0	0	0	SHUT DOWN/ WASHUP	
10:30	0	0	0	0	0	SAFETY MEETING	
11:00	0	0	0	0	0	LEAVE LOCATION	
11:30	0	0	0	0	0	BACK ON YARD	

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 type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	181	270	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	



FIELD RECEIPT NO. 10011060352

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. 04	DAY 15	YEAR 2014	BHI REPRESENTATIVE ROBERT HORAN		WELL API NO: 05123253500000	WELL TYPE : Old Well			
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 1,600		WELL CLASS : Gas				
WELL NAME AND NUMBER MORNING #41-15				TD WELL DEPTH (ft) 0		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 15-3N-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	203				
100275	Sodium Metasilicate				lbs	800				
100295	Cello Flake				lbs	54				
488019	FP-6L				gals	1				
499632	Granulated Sugar				lbs	50				
499703	Type III Cement				sacks	215				
86706-1	4-1/2" Top Cem Plug, Nitrile cvr, Phen				ea	1				
	SUB-TOTAL FOR Product Material									
A152	Personnel Per Diem Chrg - Cement Svc				ea	1				
M100	Bulk Materials Blending Charge				cu ft	234				
	SUB-TOTAL FOR Service Charges									
ARRIVE LOCATION :	MO. 04	DAY 15	YEAR 2014	TIME 07:50	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. NICK LANG									CUSTOMER AUTHORIZED AGENT X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					CUSTOMER AUTHORIZED AGENT				BHI APPROVED X	

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COR		DATE 21-APR-14	F.R. # 10011061559		SERV. SUPV. VITALIJS A NEVERDASOV'S									
LEASE & WELL NAME MORNING #41-15 - API 05123253500000		LOCATION 15-3N-66W		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 <input type="text" value="0"/> TVD <input type="text" value="0"/>								
NONE				NONE		HANGER TYPES MD <input type="text" value="0"/> TVD <input type="text" value="0"/>								
PHYSICAL SLURRY PROPERTIES														
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³								
Fresh Water		N/A		0	8.34	0								
Cement Slurry		C04-064-14		50	14	1.52								
Fresh Water		N/A		0	8.34	0								
Available Mix Water 50 Bbl.		Available Displ. Fluid 35 Bbl.		TOTAL		39.57								
						9.23								
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.5	0	1701	4	4.5	11.6	CSG	1701	1701	L-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		850	850	NO PACKER			1600	1600	2.375	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			
4.7	BBLS	Fresh Water		8.34	0	0	0	6160	1000	0	0	TRANSPORT		
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: 8.4 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 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 checked="" type="checkbox"/> MANIFOLD <input 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										
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 1263 FT				Bottom of Plug: 1701 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														

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	2425 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
07:34	0	0	0	0	N/A	LEAVE DISTRICT	
08:11	0	0	0	0	N/A	ARRIVE ON LOCATION	
08:15	0	0	0	0	N/A	SPOT TRUCKS	
08:20	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
09:12	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
09:28	78	0	.8	1	H2O	LOAD LINE	
09:33	2425	0	.4	.1	H2O	PRESSURE TEST	
09:35	227	0	2	5	H2O	FRESH WATER SPACER	
09:44	125	0	1.5	7	CMT	BATCH/WEIGH/PUMP 50 SX OF CEMENT @ 14 PPG	
09:55	88	0	2.4	4.7	H2O	DISPLACEMENT	
09:58	0	0	0	0	N/A	SHUT DOWN	
10:12	0	0	0	0	N/A	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	18	0	Y <input checked="" type="checkbox"/> N	



FIELD RECEIPT NO. 10011061559

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. 04	DAY 21	YEAR 2014	BHI REPRESENTATIVE VITALIJS A NEVERDASOV	WELL API NO: 0512325350000	WELL TYPE : Old Well			
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 1,701		WELL CLASS : Gas			
WELL NAME AND NUMBER MORNING #41-15				TD WELL DEPTH (ft) 1,701		GAS USED ON JOB : No Gas			
WELL LOCATION :		LEGAL DESCRIPTION 15-3N-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	47				
488019	FP-6L			gals	1				
499632	Granulated Sugar			lbs	50				
499703	Type III Cement			sacks	50				
	SUB-TOTAL FOR Product Material								
A152	Personnel Per Diem Chrg - Cement Svc			ea	1				
M100	Bulk Materials Blending Charge			cu ft	53				
	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	40				
J391	Mileage, Auto, Pick-Up or Treating Van			miles	40				
	SUB-TOTAL FOR Equipment								
ARRIVE LOCATION :	MO. 04	DAY 21	YEAR 2014	TIME 08:11	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. NICK LANG					CUSTOMER AUTHORIZED AGENT			X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								BHI APPROVED	
					CUSTOMER AUTHORIZED AGENT				