

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						
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	7.74	00:00	58.42	39.65			
Fresh Water		N/A		23	8.34	0	0	00:00	0				
Fresh Water		N/A		75	8.34	0	0	00:00	0				
SMS		N/A		20	8.34	0	0	00:00	20				
Fresh Water		N/A		5	8.34	0	0	00:00	5				
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"/> RECIPROCATION <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 checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	181	270	Y <input checked="" type="checkbox"/> N	



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												
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS												
					CUSTOMER AUTHORIZED AGENT				X			
									BHI APPROVED			
									X			

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COR			DATE 21-APR-14		F.R. # 10011061559		SERV. SUPV. VITALIJS A NEVERDASOV							
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			
NONE				NONE		0	0	NONE		0	0			
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	N/A	0	8.34	0	0	00:00	20		
					Cement Slurry	C04-064-14	50	14	1.52	7.75	02:11	13.57	9.23	
					Fresh Water	N/A	0	8.34	0	0	00:00	6		
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"/> RECIPROCATION <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 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 18	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. 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: 05123253500000		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. <div style="text-align: center;"> CUSTOMER AUTHORIZED AGENT </div>					SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER. <div style="text-align: center;"> CUSTOMER AUTHORIZED AGENT X </div> <div style="text-align: center;"> BHI APPROVED X </div>	
CUSTOMER REP. NICK LANG												
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS												