

## CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COF		<b>DATE</b> 09-MAY-14		<b>F.R. #</b> 10011066880		<b>SERV. SUPV.</b> STEVEN S ISCHE	
<b>LEASE &amp; WELL NAME</b> UPRC #19-15L - API 05123174450000		<b>LOCATION</b> 19-3N-67W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b>		<b>TYPE OF JOB</b> Squeeze-Perforation			
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>
NONE				NONE		0	0
						<b>HANGER TYPES</b>	<b>MD</b>
						NONE	0
							<b>TVD</b>
							0
<b>PHYSICAL SLURRY PROPERTIES</b>							
<b>MATERIALS FURNISHED BY BJ</b>		<b>LAB REPORT NO.</b>		<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>
							<b>PUMP TIME HR:MIN</b>
							<b>Bbl SLURRY</b>
							<b>Bbl MIX WATER</b>
Fresh Water		N/A		0	8.34	0	00:00
Cement Slurry		N/A		235	14	1.52	68
Fresh Water		N/A		0	8.34	0	2
SMS		N/A		0	8.34	0	20
Fresh Water					8.34		5
<b>Available Mix Water</b> 110 Bbl.		<b>Available Displ. Fluid</b> 50 Bbl.		<b>TOTAL</b>		100	46.18
<b>HOLE</b>		<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>	
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>
8.097	0	1000	4.052	4.5	10.5	CSG	1000
						<b>TVD</b>	<b>GRADE</b>
						1000	N-80
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</b>	
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>
8.1	8.63	24	CSG	850	850	NO PACKER	0
						<b>TOP</b>	<b>BTM</b>
						0	0
						<b>SIZE</b>	<b>THREAD</b>
						1.66	8RD
						<b>TYPE</b>	<b>WGT.</b>
						WATER BASED	8.6
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>
2	BBLS	Fresh Water	8.34	0	0	0	6995
						<b>Operator</b>	<b>MAX CSG PSI</b>
						1000	<b>RATED</b>
						0	<b>Operator</b>
						0	<b>MIX WATER</b>
							TRUCK
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 8.7 LBS/GAL				Mud Density Out: 8.7 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"/>			
<b>Displacement And Mud Removal</b>							
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 1 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							
<b>Plugs</b>							
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	
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>							
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	
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>							
Casing Test Pressure: 0 PSI				With 0 LBS/GAL		Mud	
Time Held: 00 Hours 00 Minutes							
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE</b>							
<b>PRESSURE/RATE DETAIL</b>				<b>EXPLANATION</b>			

# 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 type="checkbox"/>
	PIPE	ANNULUS				TEST LINES 2800 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
07:30	0	0	0	0	N/A	LEAVE YARD
08:00	0	0	0	0	N/A	ARRIVE ON LOCATION
08:00	0	0	0	0	N/A	SPOT TRUCKS AND PRE RIG UP SAFTY MEETING
08:45	0	0	0	0	N/A	JSA WITH CREW
09:05	206	0	1	1	H2O	LOAD LINES
09:07	2834	0	0	0	H2O	PRESSURE TEST
09:09	719	0	2.8	5	H2O	FRESH WATER SPACER
09:13	696	0	2.8	20	H2O	SMS SPACER
09:19	705	0	2.8	5	H2O	FRESH WATER SPACER
09:23	785	0	2	68	CMT	BATCH UP, WHEIGH AND SEND 14#
10:08	233	0	1	2	H2O	DISPLACEMENT
10:10	0	0	0	0	N/A	SHUT DOWN AND WASH UP
10:50	0	0	0	0	N/A	RIG DOWN SAFTY MEETING
11:30	0	0	0	0	N/A	LEAVE LOCATION

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	105	0	Y <input checked="" type="checkbox"/> N	

## CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COF				<b>DATE</b> 13-MAY-14		<b>F.R. #</b> 10011067886		<b>SERV. SUPV.</b> STEVEN S ISCHE					
<b>LEASE &amp; WELL NAME</b> UPRC #19-15L - API 05123174450000				<b>LOCATION</b> 19-3N-67W				<b>COUNTY-PARISH-BLOCK</b> Weld Colorado					
<b>DISTRICT</b> Brighton				<b>DRILLING CONTRACTOR RIG #</b>				<b>TYPE OF JOB</b> Squeeze-Perforation					
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>	<b>HANGER TYPES</b>		<b>MD</b>	<b>TVD</b>		
<b>MATERIALS FURNISHED BY BJ</b>				<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>							
						<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>	
Fresh Water				N/A		0	8.34	0	0	00:00	5		
Cement Slurry				N/A		25	14	1.52	7.71	03:00	4	2.72	
Fresh Water				N/A		0	8.34	0	0	00:00	1		
SMS				N/A		0	0	0	0	00:00	0		
Available Mix Water 100 Bbl.				Available Displ. Fluid 90 Bbl.				<b>TOTAL</b>		10	2.72		
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>						<b>COLLAR DEPTHS</b>				
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>	
8.097	10	1000	3.068	3.5	7.7	TBG	730	730	N-80				
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>			<b>TOP CONN</b>		<b>WELL FLUID</b>		
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>TYPE</b>	<b>WGT.</b>
8.1	8.63	24	CSG	850	850	NO PACKER	0	0	0	1.66	8RD	WATER BASED	8.4
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>		<b>MAX CSG PSI</b>		<b>MIX WATER</b>		
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>			
1	BBLS	Fresh Water	8.34	0	0	0	6000	1500	0	0	TRUCK		
<b>Circulation Prior to Job</b>													
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"/>							
<b>Displacement And Mud Removal</b>													
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 1 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													
<b>Plugs</b>													
Number of Attempts by BJ: 1						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: 293 FT			Bottom of Plug: 730 FT				
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>													
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				
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>													
Casing Test Pressure: 0 PSI						With 0 LBS/GAL Mud			Time Held: 00 Hours 00 Minutes				
<b>Shoe Test (Update Original Treatment Report for Primary Job)</b>													
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)  
TRUCKS STUCK WHILE BEING CHAINED UP DUE TO MUDDY LOCATION.

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 2500 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:00	0	0	0	0	N/A	LEAVE YARD
12:30	0	0	0	0	N/A	ARRIVE ON LOCATION
13:00	0	0	0	0	N/A	SPOT TRUCKS AND PRE RIG UP SAFTY MEETING
16:53	0	0	0	0	N/A	JSA WITH CREW
16:57	63	0	1	1	H2O	LOAD LINES
17:01	2916	0	0	0	H2O	PRESSURE TEST
17:09	195	0	2	5	H2O	FRESH WATER SPACER
17:10	104	0	2	4	CMT	BATCH UP, AND SEND 14# (PLUG BOTTOM 730, PLUG TOP 293 WITH WORK STRING OUT
17:15	185	0	2	1	H2O	DISPLACEMENT
17:18	0	0	0	0	N/A	SHUT DOWN AND WASH UP
17:46	1054	0	.4	1	H2O	SQUEEZE
17:50	0	0	0	0	N/A	RIG DOWN SAFTY MEETING
18:50	0	0	0	0	N/A	LEAVE LOCATION

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	12	1054	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	