

## CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COI			DATE 01-MAY-14		F.R. # 10011063697		SERV. SUPV. JOHN R WUDARCZYK							
LEASE & WELL NAME ROBERTS #35-15 - API 05123247140000			LOCATION 15-3N-66W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # ENSIGN 316			TYPE OF JOB Squeeze-Perforation								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
NONE		No Shoe		NONE		0	0	NONE		0	0			
		NA-Squeeze												
MATERIALS FURNISHED BY BJ			LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES									
					SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Fresh Water			N/A		0	8.34	0	0	00:00	75				
Cement Slurry			C04-085-14		170	14	1.52	7.75	03:03	46.14	31.38			
Fresh Water			N/A		0	8.34	0	0	00:00	2.5				
Available Mix Water 100 Bbl.			Available Displ. Fluid 55 Bbl.			TOTAL			123.64	31.38				
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.097	0	1500	4	4.5	11.6	CSG	1500	1500		0	0	0		
			1.278	1.66	3.02	TBG	1500	1500						
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	680	680	NO PACKER		0	0	0	1.66	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		
2.5	BBLs	Fresh Water		8.34	0	0		0	9440	800	6224	1000	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 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														
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						
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 2973 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
07:55	0	0	0	0	N/A	ARRIVE ON LOCATION,
08:15	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING
09:30	0	0	0	0	N/A	PRE JOB SAFETY MEETING
09:39	2973	0	0	0	H2O	PRESSURE TEST
09:42	606	0	2	75	H2O	FRESH WATER SPACER
10:25	360	0	1.5	46	CMT	BATCH/WEIGH/PUMP 170 SX OF CEMENT @ 14 PPG
10:55	455	0	1.5	2.5	H2O	DISPLACEMENT
10:58	0	0	0	0	N/A	SHUT DOWN
11:20	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	123.5	0	Y <input checked="" type="checkbox"/> N	



FIELD RECEIPT NO. 10011063697

<b>CUSTOMER</b> ANADARKO PETROLEUM CORP - XML				<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20047992 - 00233691		<b>INVOICE NUMBER</b>	
<b>MAIL STREET OR BOX NUMBER</b> PO BOX 1330				<b>CITY</b> Houston		<b>STATE</b> Texas		<b>ZIP CODE</b> 77251-1330			
<b>DATE WORK COMPLETED</b>		<b>MO.</b> 05	<b>DAY</b> 01	<b>YEAR</b> 2014	<b>BHI REPRESENTATIVE</b> JOHN R WUDARCZYK		<b>WELL API NO:</b> 05123247140000		<b>WELL TYPE :</b> Old Well		
<b>DISTRICT</b> BJS, BRIGHTON					<b>JOB DEPTH (ft)</b> 1,500			<b>WELL CLASS :</b> Gas			
<b>WELL NAME AND NUMBER</b> ROBERTS #35-15					<b>TD WELL DEPTH (ft)</b> 1,500			<b>GAS USED ON JOB :</b> No Gas			
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b> 15-3N-66W			<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Squeeze-Perforation		
<b>PRODUCT CODE</b>		<b>DESCRIPTION</b>				<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>
100283		R-3				lbs	48				
100295		Cello Flake				lbs	43				
488019		FP-6L				gals	1				
499632		Granulated Sugar				lbs	50				
499703		Type III Cement				sacks	170				
		SUB-TOTAL FOR Product Material									
A152		Personnel Per Diem Chrg - Cement Svc				ea	1				
M100		Bulk Materials Blending Charge				cu ft	175				
		SUB-TOTAL FOR Service Charges									
<b>ARRIVE LOCATION :</b>		<b>MO.</b> 05	<b>DAY</b> 01	<b>YEAR</b> 2014	<b>TIME</b> 07:55	<b>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.</b>				<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>	
<b>CUSTOMER REP.</b> MARK VANDAGRIFF						<b>CUSTOMER AUTHORIZED AGENT</b>				<b>X</b>	
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>										<b>BHI APPROVED</b>	
						<b>CUSTOMER AUTHORIZED AGENT</b>				<b>X</b>	



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PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
F055A		Cement Pumping, 1001 - 2000 ft				4hrs	1	4,875.000	4,875.00	45%	2,681.25		
F090		Fuel per pump charge - cement				pump/hr	2	70.250	140.50	0%	140.50		
J225		Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	45%	1,171.50		
J390		Mileage, Heavy Vehicle				miles	36	11.850	426.60	45%	234.63		
J391		Mileage, Auto, Pick-Up or Treating Van				miles	36	6.700	241.20	45%	132.66		
		SUB-TOTAL FOR Equipment							7,813.30	44.19%	4,360.54		
J401		Bulk Delivery, Dry Products				ton-mi	145	3.940	571.30	45%	314.22		
		SUB-TOTAL FOR Freight/Delivery Charges							571.30	45.00%	314.22		
		FIELD ESTIMATE							15,637.22	43.99%	8,758.21		
ARRIVE LOCATION :		MO. 05	DAY 01	YEAR 2014	TIME 07:55	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.  _____ CUSTOMER AUTHORIZED AGENT					SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		
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