

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COR		DATE 09-OCT-14	F.R. # 10011107268		SERV. SUPV. TIM ADAMS									
LEASE & WELL NAME GORDON TURKEY FARMS B #1 - API 05123078010		LOCATION 10-2N-67W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # WO		TYPE OF JOB Plug Back										
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				
Plug Slurry				25	15.8	1.36	5.67	02:31	6.06	3.38				
Fresh Water		NA		0	8.34	0	0	00:00	25					
Fresh Water		NA		0	8.34	0	0	00:00	5					
Fresh Water		NA		0	8.34	0	0	00:00	5					
Plug Slurry				30	15.8	1.15	4.98	10:00	0	0				
Fresh Water		NA		0	8.34	0	0	00:00	0					
Plug Slurry				160	15.8	1.15	4.97	03:07	32.86	18.93				
Fresh Water		NA		0	8.34	0	0	00:00	13					
Fresh Water		NA		0	8.34	0	0	00:00	0					
Available Mix Water 150 Bbl.		Available Displ. Fluid 150 Bbl.		TOTAL		86.92		22.31						
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
0	0	0	1.995	2.375	4.7	TBG	7230	7230	J-55					
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.
4	4.5	11.6	CSG	7230	7230	no packer		0	0	0	2.375	8RND	FRESH WATER	8.34
4.1	4.5	10.5	CSG	2300	2300				0	0				
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			
25	BBLS	Fresh Water Fresh Water		8.34 8.34	0	0	0	6160	2000	0	0	Water truck		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: .25				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 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: 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: 3990 FT				Bottom of Plug: 7230 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				

CEMENT JOB REPORT



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

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
Customer could not tag plug #2. Ran 450 feet of extra pipe into the hole and still didn't tag cement

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	4991 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:14	0	0	0	0	NA	Leave yard	
06:56	0	0	0	0	NA	Arrive on location	
06:59	0	0	0	0	NA	Spot trucks	
07:09	0	0	0	0	NA	Pre rig up safety meeting	
07:51	0	0	0	0	NA	Pre job safety meeting	
08:08	996	0	.8	1	H2O	Load lines	
08:11	4991	0	0	0	H2O	Pressure test	
08:14	690	0	2.4	5	H2O	Fresh water spacer	
08:26	166	0	1.2	6	CMT	Batch / weigh / pump cement (25sx, 15.8ppg)	
08:36	877	0	3	25	H2O	Displacement	
08:47	0	0	0	0	NA	Shut down (opened to well - took 1 more barrel)	
09:14	491	0	2.5	5	H2O	Fresh water spacer	
09:22	707	0	2.6	33	CMT	Batch / weigh / pump cement (160sx, 15.8ppg)	
09:42	1210	0	2.4	13	H2O	Displacement	
09:47	0	0	0	0	NA	Shut down (opened to well - balanced)	
09:56	0	0	0	15	H2O	Wash pump and lines	
14:25	0	0	0	0	NA	Could not tag second plug - released by company man	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	<u>Service Supervisor Signature:</u>
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	88	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	



**Pumping
Service Report**

9189320

Client Name Anadarko Petroleum Corporation	Well Name Gordon Turkey Farms B 1	Rig Leed 723	Job Date October 14,2014	Call Sheet 1048736
Client Representative Mr. Nate Windholtz	Surface Well Location Sec 10:T2N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	

Well Profile				
Maximum Treating Pressure (psi):		---		
Predicted Bottom Hole Static Temperature (°F):		---	@	--
Bottom Hole Circulating Temperature (°F):		---	@	--
Bottom Hole Logged Temperature (°F):		---	@	--

Products				
Stage 1				
From Depth (ft):	1100			
To Depth (ft):	490			
Acids/Blends/Fluids :				
Tail: 430 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 108 (bbl)				
Water Temperature(°F) = 70 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 80				
+ 0.25 lb/sack of Polyflake (Preblend),				
+ 0.5 % of CaCl2 (Preblend),				
+ 0.3 % of CFR-2 (Preblend),				
+ 0.3 % of CFL-3 (Preblend),				
+ 0.4 % of CDF-4P (Preblend)				
Tail: 80 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 19 (bbl)				
Water Temperature(°F) = 70 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 80				
+ 0.25 lb/sack of Polyflake (Preblend),				
+ 0.5 % of CaCl2 (Preblend),				
+ 0.3 % of CFR-2 (Preblend),				
+ 0.3 % of CFL-3 (Preblend),				
+ 0.4 % of CDF-4P (Preblend)				

Fluid & Cement Data					
Expected Cement Top:	Depth (ft):	490			
Wellbore Fluid					
<u>Fluid Type</u>	<u>Viscosity (cP)</u>	<u>Density (lbs/gal)</u>	<u>Yield Point (psi)</u>	<u>Temperature (°F)</u>	<u>Recorded@</u>
Water	--	--	--	--	Oct 13, 2014 19:32



**Pumping
Service Report**

9189320

Units & Personnel

<u>Truck Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Tractor Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Time On Location</u>	<u>Time Off Location</u>
201114	PICKUP	3/4 Ton				10/14/2014 07:45	10/14/2014 12:45
445026	TRAILER	SCM Twin	745026	TRACTOR	Tandem - Tractor	10/14/2014 07:45	10/14/2014 12:45
446173	TRAILER	Bulker	746173	TRACTOR	Tandem - Tractor	10/14/2014 07:45	10/14/2014 12:45
200910	PICKUP	1/2 Ton				10/14/2014 07:45	10/14/2014 12:45

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Spirek, Matthew	10/14/2014 07:44	10/14/2014 12:45		
Svoboda, Miloslav	10/14/2014 07:44	10/14/2014 12:45		
Bark, Eric	10/14/2014 07:44	10/14/2014 12:45		
Joyner, Barlen	10/14/2014 07:44	10/14/2014 12:45		
Schroeder, Stephen	10/14/2014 07:44	10/14/2014 12:45		

Treatment Reports & Remarks



**Pumping
Service Report**

9189320

Treatment Report

Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
1	Oct 14,2014 07:45	Arrive On Location	---	--	--	--	--	0.00
2	Oct 14,2014 07:50	Tailgate Meeting	---	--	--	--	--	0.00
3	Oct 14,2014 08:05	Rig In	---	--	--	--	--	0.00
4	Oct 14,2014 08:30	Safety Meeting	---	--	--	--	--	0.00
5	Oct 14,2014 08:30	Sign-off on Safety	---	--	--	--	--	0.00
6	Oct 14,2014 08:30	STEACS Briefing	---	--	--	--	--	0.00
7	Oct 14,2014 08:44	Pressure Test	Water	1.00	2,000.0	--	1.00	0.00
8	Oct 14,2014 08:46	Pump Preflush	Water	2.00	400.0	--	5.00	0.00
		Remarks: Fresh Water Spacer						
9	Oct 14,2014 08:46	Pump Preflush	Water	2.00	400.0	--	20.00	0.00
		Remarks: SMS						
10	Oct 14,2014 08:50	Pump Preflush	Water	2.00	400.0	--	5.00	0.00
		Remarks: Fresh Water						
11	Oct 14,2014 09:00	Pump	0:1:0 Type III	2.00	700.0	--	108.00	0.00
12	Oct 14,2014 09:45	Pump Displacement	Water	2.00	700.0	--	1.00	0.00
13	Oct 14,2014 11:10	Pressure Test	Water	2.00	2,000.0	--	1.00	0.00
14	Oct 14,2014 11:15	Injection Test	Water	1.00	400.0	--	2.00	0.00
15	Oct 14,2014 11:18	Pump	0:1:0 Type III	1.00	600.0	--	19.00	0.00
16	Oct 14,2014 11:38	Pump Displacement	Water	1.00	600.0	--	2.00	0.00
17	Oct 14,2014 11:40	Hesitate	---	--	400.0	--	--	0.00
18	Oct 14,2014 11:54	Pump Displacement	Water	0.50	600.0	--	0.50	0.00
19	Oct 14,2014 11:56	Hesitate	---	--	600.0	--	--	0.00
20	Oct 14,2014 12:09	Pump Displacement	Water	0.50	600.0	--	0.25	0.00
21	Oct 14,2014 12:20	Rig Out	---	--	--	--	--	0.00
22	Oct 14,2014 12:45	Pre-Departure Meeting	---	--	--	--	--	0.00
23	Oct 14,2014 12:45	Leave Location	---	--	--	--	--	0.00
24	Oct 14,2014 12:45	Job Complete	---	--	--	--	--	0.00

Did Float Hold: Not Applicable
 Fluid Returns : Yes
 Type : Mud
 Volume (bbl) : 145
 Temperature (°F) : 70
 FDAS Functioning Correctly : Yes
 Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number
 54541
 54540



**Pumping
Service Report**

9198985

Client Name Anadarko Petroleum Corporation	Well Name Gordon Turkey Farms B 1	Rig Leed 723	Job Date October 15,2014	Call Sheet 1048805
Client Representative Mr. Nate Windholtz	Surface Well Location Sec 10:T2N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	

Well Profile

Maximum Treating Pressure (psi):	---
Predicted Bottom Hole Static Temperature (°F):	--- @ --
Bottom Hole Circulating Temperature (°F):	--- @ --
Bottom Hole Logged Temperature (°F):	--- @ --

Casing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Internal Yield Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
4.500	10.500	---	--	--	--	--	--	0.0	100.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.375	4.700	---	--	--	--	--	0.000	378.000

Products

Plug 1

From Depth (ft):
To Depth (ft):
Plug Type : N/A
Acids/Blends/Fluids :

Tail: 80 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 19 (bbl)
Water Temperature(°F) = 35 , Bulk Temperature(°F) = 37 , Slurry Temperature(°F) = 55
+ 0.25 lb/sack of Polyflake (Preblend),
+ 0.5 % of CaCl2 (Preblend),
+ 0.3 % of CFR-2 (Preblend),
+ 0.3 % of CFL-3 (Preblend),
+ 0.4 % of CDF-4P (Preblend)

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Oct 13, 2014 19:32



**Pumping
Service Report**

9198985

Units & Personnel

Units							
<u>Truck Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Tractor Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Time On Location</u>	<u>Time Off Location</u>
201173	PICKUP	1 Ton				10/15/2014 07:45	10/15/2014 11:30
740067	BODY JOB	C & A				10/15/2014 07:45	10/15/2014 11:30
746508	BODY JOB	Baby Bulker				10/15/2014 07:45	10/15/2014 11:30

Crew and Bonuses				
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Ripka, Robert	10/15/2014 07:45	10/15/2014 11:30		
Barden, Sean	10/15/2014 07:45	10/15/2014 11:30		
Phillips, James	10/15/2014 07:45	10/15/2014 11:30		

Treatment Reports & Remarks

Treatment Report									
<u>Event #</u>	<u>Event Time</u>	<u>Event Description</u>	<u>Fluid Type</u>	<u>Rate</u>	<u>Tubular Pressure</u>	<u>Annular Pressure</u>	<u>Stage Volume</u>	<u>Total Volume</u>	
				(bbl/min)	(psi)	(psi)	(bbl)	(bbl)	
1	Oct 15,2014 07:45	Arrive On Location	---	--	--	--	--	0.00	
2	Oct 15,2014 07:50	Tailgate Meeting	---	--	--	--	--	0.00	
3	Oct 15,2014 08:00	Rig In	---	--	--	--	--	0.00	
4	Oct 15,2014 10:05	STEACS Briefing	---	--	--	--	--	0.00	
5	Oct 15,2014 10:20	Sign-off on Safety	---	--	--	--	--	0.00	
6	Oct 15,2014 10:22	Pressure Test	---	--	2,500.0	--	--	0.00	
7	Oct 15,2014 10:24	Pump Preflush	Water	2.60	100.0	--	10.00	10.00	
		Remarks: + MUDFLUSH							
8	Oct 15,2014 10:30	Pump Spacer	Water	2.60	100.0	--	20.00	30.00	
9	Oct 15,2014 10:37	Mix Cement	0:1:0 Type III	2.60	100.0	--	19.00	49.00	
		Remarks: 80 SKS							
10	Oct 15,2014 10:43	Displace Fluid	Water	1.00	100.0	--	1.00	50.00	
11	Oct 15,2014 10:45	Stop	---	--	--	--	--	50.00	
12	Oct 15,2014 10:55	Rig Out	---	--	--	--	--	50.00	
13	Oct 15,2014 11:15	Job Complete	---	--	--	--	--	50.00	
14	Oct 15,2014 11:17	Pre-Departure Meeting	---	--	--	--	--	50.00	
15	Oct 15,2014 11:30	Leave Location	---	--	--	--	--	50.00	

Did Float Hold: Not Applicable
 Fluid Returns : Yes
 Type : Water
 Volume (bbl) : 50
 Temperature (°F) : 67
 FDAS Functioning Correctly : Yes
 Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number
 54550