

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	8.34	0	0	0	6160	2000	0	0	Water truck		
		Fresh Water	8.34										
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	Service Supervisor Signature:
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

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



**Pumping
Service Report**

9189320

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

Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(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> (bbl/min)	<u>Tubular Pressure</u> (psi)	<u>Annular Pressure</u> (psi)	<u>Stage Volume</u> (bbl)	<u>Total Volume</u> (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