



Client Name Anadarko Petroleum Corporation	Well Name HSR - Magness 19 - 24	Rig Ecws 22	Job Date December 17, 2014	Call Sheet 1052237
Client Representative Mr. Bill Smith	Surface Well Location NE SW Sec 24:T3N:R67W	Down Hole Well Location	Job Type Bradenhead Squeeze	Lead Supervisor Price, Ryan (25840)

**Well Profile**

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

Open Hole						
	<u>Size (in)</u>	<u>Excess (%)</u>	<u>TMD From (ft)</u>	<u>TMD To (ft)</u>	<u>TVD From (ft)</u>	<u>TVD To (ft)</u>
	8.500	--	802.000	1,500.000	--	--

Casing										
	<u>Size (in)</u>	<u>Weight (lb/ft)</u>	<u>Grade</u>	<u>Collapse Pressure (psi)</u>	<u>Internal Yield Pressure (psi)</u>	<u>Capacity (bbl)</u>	<u>I.D. (in)</u>	<u>O.D. (in)</u>	<u>Depth From (ft)</u>	<u>Depth To (ft)</u>
	8.625	24.000	---	--	--	--	--	--	0.0	802.0

Tubing									
	<u>Size (in)</u>	<u>Weight (lb/ft)</u>	<u>Grade</u>	<u>Collapse Pressure (psi)</u>	<u>Capacity (bbl)</u>	<u>I.D. (in)</u>	<u>O.D. (in)</u>	<u>Depth From (ft)</u>	<u>Depth To (ft)</u>
	1.660	0.000	J-55	--	--	--	--	0.000	1,500.000

**Products**

Stage 1	
From Depth (ft):	824
To Depth (ft):	1500
Acids/Blends/Fluids :	
Tail: 200 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 48 (bbl)	
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 50	
+ 0.5 % of CaCl2 (Preblend),	
+ 0.3 % of CFR-2 (Preblend),	
+ 0.3 % of CFL-3 (Preblend),	
+ 0.4 % of CDF-4P (Preblend),	
+ 0.25 lb/sack of Polyflake (Preblend)	

**Fluid & Cement Data**

Expected Cement Top:	Depth (ft): 824				
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 19:12



**Units & Personnel**

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201273	PICKUP	3/4 Ton				12/17/2014 06:45	12/17/2014 09:00
740018-1	BODY JOB	C & A				12/17/2014 06:45	12/17/2014 09:00
746502	BODY JOB	Baby Bulker				12/17/2014 06:45	12/17/2014 09:00

**Crew and Bonuses**

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Price, Ryan (25840)	12/17/2014 06:45	12/17/2014 09:00		
Cheal, Samuel (28315)	12/17/2014 06:45	12/17/2014 09:00		
Douglass, Brian (23898)	12/17/2014 06:45	12/17/2014 09:00		
Davila, Israel (28152)	12/17/2014 06:45	12/17/2014 09:00		

**Treatment Reports & Remarks**

**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	Dec 17,2014 06:45	Arrive On Location		--	--	--	--	0.00
2	Dec 17,2014 06:50	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Dec 17,2014 07:05	Rig in Complete		--	--	--	--	0.00
4	Dec 17,2014 07:10	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Dec 17,2014 07:35	Pressure Test Start		--	3,000.0	--	--	0.00
6	Dec 17,2014 07:37	Pressure Test Complete		--	--	--	--	0.00
7	Dec 17,2014 07:36	Establish Circulation	Water	2.00	700.0	--	5.00	5.00
8	Dec 17,2014 07:38	Pump Preflush	Water	2.00	800.0	--	20.00	25.00
Remarks: pump well seal								
9	Dec 17,2014 07:45	Pump Spacer	Water	2.20	800.0	--	5.00	30.00
10	Dec 17,2014 07:49	Mix Cement	0:1:0 Type III	2.50	1,300.0	--	48.00	78.00
11	Dec 17,2014 08:10	Pump Displacement	Water	2.00	1,200.0	--	1.50	79.50
12	Dec 17,2014 08:15	Wash		--	--	--	--	79.50
13	Dec 17,2014 08:30	Rig Out		--	--	--	--	79.50
14	Dec 17,2014 08:45	Job Complete		--	--	--	--	79.50
15	Dec 17,2014 08:50	Pre-Departure Meeting		--	--	--	--	79.50
16	Dec 17,2014 09:00	Leave Location		--	--	--	--	79.50

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