



**Pumping
Service Report**

9191261

Client Name Anadarko Petroleum Corporation	Well Name HSR Margaret 8-18	Rig Concord Well Servicing 3	Job Date May 19, 2014	Call Sheet 1042116
Client Representative Rigo Cintora	Surface Well Location Sec 18:T3N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	

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): --- @ --

Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.063	3.250	J-55	7,690.000	20.440	1.751	2.325	0.000	6,864.000
3.500	7.700	J-55	5,970.000	62.760	3.068	4.250	0.000	6,864.000

Products

Plug 1

From Depth (ft): 6131

To Depth (ft): 6864

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 25 Sacks of 0-1-0 G, Density = 15.6 lb/gal, Volume Pumped = 6.7 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60

+ 0.5 % of CFR 2 (Preblend),

+ 0.25 % of FMC (Preblend)

Plug 2

From Depth (ft): 3737

To Depth (ft): 4414

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 30 Sacks of 0-1-0 G, Density = 15.6 lb/gal, Volume Pumped = 6.1 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of FMC (Preblend),

+ 0.5 % of LWA (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	May 14, 2014 12:30



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Units & Personnel

Units							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201274	PICKUP	3/4 Ton				05/19/2014 07:00	05/19/2014 11:30
740004	BODY JOB	C & A				05/19/2014 07:00	05/19/2014 11:30
446075	TRAILER	Bulker	746075	TRACTOR	Tandem - Tractor	05/19/2014 07:00	05/19/2014 11:30

Crew and Bonuses				
Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Hardwick, Waco	05/19/2014 07:00	05/19/2014 11:30		
Keeton, Derek	05/19/2014 07:00	05/19/2014 11:30		
Melgarejo Herrera, Eduardo	05/19/2014 07:00	05/19/2014 11:30		
Waltman, Jared	05/19/2014 07:00	05/19/2014 11:30		

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	May 19, 2014 07:00	Arrive On Location		--	--	--	--	0.00	
2	May 19, 2014 07:10	Tailgate Meeting		--	--	--	--	0.00	
3	May 19, 2014 07:25	Rig In		--	--	--	--	0.00	
4	May 19, 2014 08:10	Safety Meeting		--	--	--	--	0.00	
5	May 19, 2014 08:25	Sign-off on Safety		--	--	--	--	0.00	
6	May 19, 2014 08:36	Pressure Test	Water	0.30	1,500.0	0.0	0.50	0.50	
7	May 19, 2014 08:38	Establish Circulation	Water	1.80	900.0	0.0	6.00	6.50	
8	May 19, 2014 08:42	Pump	Thermal 35	2.00	200.0	0.0	7.80	14.30	
9	May 19, 2014 08:47	Displace Fluid	Water	2.00	100.0	0.0	17.90	32.20	
10	May 19, 2014 08:58	Wash	Water	1.00	--	--	10.00	32.20	
11	May 19, 2014 09:15	Wait On Instructions	---	--	--	--	--	0.00	
12	May 19, 2014 09:58	Pressure Test	Water	0.30	1,500.0	0.0	0.50	0.50	
13	May 19, 2014 10:00	Establish Circulation	Water	2.00	700.0	0.0	5.00	5.50	
14	May 19, 2014 10:02	Pump	0-1-0 G	1.75	400.0	0.0	7.40	12.90	
15	May 19, 2014 10:05	Displace Fluid	Water	--	150.0	0.0	10.90	23.80	
16	May 19, 2014 10:15	Wash	Water	2.00	--	--	20.00	32.20	
17	May 19, 2014 10:55	Rig Out	---	--	--	--	--	32.20	
18	May 19, 2014 11:15	Job Complete	---	--	--	--	--	32.20	
19	May 19, 2014 11:25	Pre-Departure Meeting	---	--	--	--	--	32.20	
20	May 19, 2014 11:30	Leave Location	---	--	--	--	--	32.20	



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Treatment Reports & Remarks

Did Float Hold: Not Applicable
Fluid Returns : No
Type :
Volume (bbl) :
Temperature (°F) : --
FDAS Functioning Correctly : Yes
Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

46142

46141



**Pumping
Service Report**

9191957

Client Name Anadarko Petroleum Corporation	Well Name HSR Margaret 8-18	Rig Concord Well Servicing 3	Job Date May 20, 2014	Call Sheet 1042140
Client Representative Rigo Cintora	Surface Well Location Sec 18:T3N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	

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): --- @ ---

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)
8.625	24.000	J-55	1,370.0	2,950.0	39.55	8.097	9.625	0.0	621.0
3.500	7.700		--	--	--	--	--	870.0	973.0

Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.063	3.250	J-55	7,690.000	2.900	1.751	2.325	0.000	973.000

Products

Plug 1

From Depth (ft): 973

To Depth (ft): 0

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 220 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 57.2 (bbl)

+ 1 % of CaCl₂ (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: Surface

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	May 19, 2014 19:00



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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>
200851	PICKUP	3/4 Ton				05/20/2014 06:00	05/20/2014 09:00
740004	BODY JOB	C & A				05/20/2014 06:00	05/20/2014 09:00
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	05/20/2014 06:00	05/20/2014 09:00

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Bell, Wesley	05/20/2014 06:00	05/20/2014 09:00		
Maguire, Matthew	05/20/2014 06:00	05/20/2014 09:00		
Keeton, Derek	05/20/2014 06:00	05/20/2014 09:00		
Leue, David	05/20/2014 06:00	05/20/2014 09:00		
Felton, Charles	05/20/2014 06:00	05/20/2014 09:00		

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	May 20,2014 06:00	Arrive On Location		--	--	--	--	0.00
2	May 20,2014 06:05	Tailgate Meeting		--	--	--	--	0.00
3	May 20,2014 07:15	Safety Meeting		--	--	--	--	0.00
4	May 20,2014 07:19	Sign-off on Safety		--	--	--	--	0.00
5	May 20,2014 07:21	JSA		--	--	--	--	0.00
		Remarks: 11 people, discuss nearest medical facility						
6	May 20,2014 07:40	Pressure Test Lines	Water	0.30	1,400.0	0.0	1.00	1.00
		Remarks: lines held						
7	May 20,2014 07:43	Jet Mix	0:1:0 Type III	3.50	500.0	0.0	57.20	58.20
		Remarks: mixed at 14.2ppg, yield: 1.46, wr:7.32, Cement to surface, no displacement						
8	May 20,2014 08:20	Wash	Water	--	--	--	--	0.00
		Remarks: wash pump truck to rig tank.						
9	May 20,2014 08:30	Rig Out		--	--	--	--	0.00
10	May 20,2014 08:40	Pre-Departure Meeting		--	--	--	--	0.00
11	May 20,2014 09:00	Leave Location		--	--	--	--	0.00
12	May 20,2014 09:00	Job Complete		--	--	--	--	0.00

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Cement

Volume (bbl) : 3

Temperature (°F) : 50

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : No

no program generated



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Treatment Reports & Remarks

Material Transfer Sheet Number

Material Transfer Sheet Number

46151