



Cementing Service Report

9211003

Client Name Anadarko Petroleum Corporation	Well Name Davis 13-15	Rig Concord Well Servicing 4	Job Date February 12, 2016	Call Sheet 1064929
Client Representative Mr. Luis Morales	Surface Well Location SW SW Sec 15:T3N:R67W	Down Hole Well Location	Job Type Bradenhead Squeeze	Lead Supervisor Schneider, Patrick (24093)

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

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
9.000	--	723.000	1,000.000	--	--

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	46.05	8.097	9.625	0.0	723.0
4.500	11.600	J-55	4,960.0	5,350.0	15.54	4.000	5.000	0.0	1,000.0

Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
1.660	2.330	J-55	8,490.000	1.850	1.380	1.880	0.000	1,000.000

Products

Plug 1

From Depth (ft): 448

To Depth (ft): 1000

Plug Type : Well Stability

Acids/Blends/Fluids :

Tail: 120 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 28.4 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 35 , Slurry Temperature(°F) = 63

+ 0.25 lb/sack of LCL-7 (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): 448

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Dec 23, 2015 10:00



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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>
201173	PICKUP	1 Ton				02/12/2016 10:00	02/12/2016 14:15
740004	BODY JOB	C & A				02/12/2016 10:00	02/12/2016 14:15
746089	TRACTOR	Tandem - Tractor	746089	TRACTOR	Tandem - Tractor	02/12/2016 10:00	02/12/2016 14:15

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Schneider, Patrick (24093)	02/12/2016 10:00	02/12/2016 14:15		
Davila, Israel (28152)	02/12/2016 10:00	02/12/2016 14:15		
Daylong, Eric (28076)	02/12/2016 10:00	02/12/2016 14:15		

Treatment Reports & Remarks

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	Feb 12,2016 10:00	Arrive On Location		--	--	--	--	0.00	
		Remarks: arrived 1 hour early							
2	Feb 12,2016 10:05	Crew Briefing (Rig in)		--	--	--	--	0.00	
		Remarks: discussed lease hazards and rig in procedures							
3	Feb 12,2016 10:30	Rig In		--	--	--	--	0.00	
4	Feb 12,2016 10:45	Rig in Complete		--	--	--	--	0.00	
5	Feb 12,2016 10:45	Wait On Instructions		--	--	--	--	0.00	
		Remarks: waited for rig to condition the hole							
6	Feb 12,2016 11:30	Crew Briefing (Pre Job)		--	--	--	--	0.00	
		Remarks: discussed job scope and everyones dutys							
7	Feb 12,2016 12:17	Start - Fluid	Water	1.00	--	--	1.00	1.00	
		Remarks: filled lines							
8	Feb 12,2016 12:18	Pressure Test Start	Water	--	1,500.0	--	--	1.00	
9	Feb 12,2016 12:20	Pressure Test Complete	Water	--	0.0	--	--	1.00	
		Remarks: good pressure test							
10	Feb 12,2016 12:20	Establish Circulation	Water	2.00	500.0	--	5.00	6.00	
		Remarks: fresh water							
11	Feb 12,2016 12:23	Pump Preflush	Water	2.00	500.0	--	20.00	26.00	
		Remarks: well seal							
12	Feb 12,2016 10:32	Pump Spacer	Water	2.00	500.0	--	5.00	31.00	
		Remarks: fresh water							
13	Feb 12,2016 12:35	Mix Cement	0:1:0 Type III	2.00	700.0	--	28.40	59.40	
		Remarks: 120 sks plug cement @ 14.8 ppg yield = 1.33 h2o req = 6.31 total h2o = 18 bbl							
14	Feb 12,2016 12:53	Displace Fluid	Water	1.00	250.0	--	1.00	60.40	
		Remarks: displaced to balance							
15	Feb 12,2016 12:54	Balance Plug	Water	--	0.0	--	--	60.40	
16	Feb 12,2016 12:55	Tailgate Meeting		--	--	--	--	60.40	
		Remarks: revisited JSA							
17	Feb 12,2016 13:00	Rig Out		--	--	--	--	60.40	
18	Feb 12,2016 13:30	Wash	Water	--	--	--	--	60.40	
		Remarks: washed pump and lines							
19	Feb 12,2016 14:00	Job Complete		--	--	--	--	60.40	
20	Feb 12,2016 14:05	Pre-Departure Meeting		--	--	--	--	60.40	
21	Feb 12,2016 14:15	Leave Location		--	--	--	--	60.40	
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							



Treatment Reports & Remarks	
Material Transfer Sheet Number	
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64658	
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