



**Pumping
Service Report**
9189437

Client Name Anadarko Petroleum Corporation	Well Name Investment USX VV 7-17	Job Date April 16, 2014	Call Sheet 1041222
Client Representative Ronald Smith	Location Sec 7:T1N:R67W	Job Type Abandonment Plugs	Rig Concord Well Servicing 5

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)
4.500	11.600	J-55	4,960.0	5,350.0	116.57	4.000	5.000	0.0	7,500.0

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	J-55	8,100.000	28.210	1.995	2.910	0.000	7,296.000

Products

Plug 1

From Depth (ft):
To Depth (ft):
Plug Type : Abandonment
Acids/Blends/Fluids :
Plug: 105 Sacks of 1-1-0 G, Density = 13.5 lb/gal, Volume Pumped = 31 (bbl)
+ 20 % of Silica Flour (Preblend),
+ 3 % of Gel (Preblend),
+ 0.1 % of SMS (Preblend),
+ 0.4 % of CFR-2 (Preblend),
+ 0.4 % of CFL-3 (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 7258

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Apr 16, 2014 12:20

Attachment & Tools

Down Hole Tools

Tool Type	Depth (ft)	Supplier
Cement Retainer	7,296.000	Third Party



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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>
746508	BODY JOB	Baby Bulker				04/16/2014 14:00	04/16/2014 17:00
200848	PICKUP	3/4 Ton				04/16/2014 14:00	04/16/2014 17:00
740004	BODY JOB	C & A				04/16/2014 14:00	04/16/2014 17:00

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Wright, Isaac	04/16/2014 14:00	04/16/2014 17:00		
Leue, David	04/16/2014 14:00	04/16/2014 17:00		
Bushnell, Cody	04/16/2014 14:00	04/16/2014 17:00		
Hickman, James	04/16/2014 14:00	04/16/2014 17:00		
McMartin, Granite	04/16/2014 14:00	04/16/2014 17:00		
Morris, Theodore	04/16/2014 14:00	04/16/2014 17:00		

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	Apr 16,2014 14:00	Arrive On Location	---	0.00	0.0	0.0	0.00	0.00
2	Apr 16,2014 14:10	Tailgate Meeting	---	0.00	0.0	0.0	0.00	0.00
3	Apr 16,2014 14:15	Safety Meeting	---	0.00	0.0	0.0	0.00	0.00
4	Apr 16,2014 14:20	Sign-off on Safety	---	0.00	0.0	0.0	0.00	0.00
5	Apr 16,2014 14:25	Rig In	---	0.00	0.0	0.0	0.00	0.00
6	Apr 16,2014 15:07	Pressure Test	Water	0.00	0.0	0.0	0.00	0.00
Remarks: Test Sanjel Lines								
7	Apr 16,2014 15:08	Pump	Water	1.50	1,500.0	0.0	10.00	10.00
8	Apr 16,2014 15:17	Pump	1-1-0 G	2.00	1,000.0	0.0	31.00	41.00
9	Apr 16,2014 15:37	Pump	Water	2.00	1,500.0	0.0	27.70	68.70
Remarks: Leave 38' of cement on top of retainer								
10	Apr 16,2014 16:00	JSA	---	0.00	0.0	0.0	0.00	68.70
Remarks: Pre Rig Out Meeting								
11	Apr 16,2014 16:10	Rig Out	---	0.00	0.0	0.0	0.00	68.70
12	Apr 16,2014 16:50	Pre-Departure Meeting	---	0.00	0.0	0.0	0.00	68.70
13	Apr 16,2014 16:55	Job Complete	---	0.00	0.0	0.0	0.00	68.70
14	Apr 16,2014 17:00	Leave Location	---	0.00	0.0	0.0	0.00	68.70

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? : No

No program generated.



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Treatment Reports & Remarks

Material Transfer Sheet Number

Material Transfer Sheet Number

9929

Comments To Service Report

Job went good and was pumped as per customer request.