



**Pumping  
Service Report**

**9188073**

Client Name Anadarko Petroleum Corporation	Well Name Nick Sekich Unit B #1	Job Date April 23, 2014	Call Sheet 1041424
Client Representative Mr Al Morales	Location NE NE Sec 19:T3N:R67W	Job Type Abandonment Plugs	Rig Basic 1509

**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	10.500	J-55	4,010.0	4,790.0	109.25	4.052	5.000	0.0	6,850.0

**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	25.070	1.995	2.910	0.000	6,485.000

**Products**

**Plug 1**

From Depth (ft): 6850

To Depth (ft): 6450

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 120 Sacks of 1-1-0 G, Density = 13.5 lb/gal, Volume Pumped = 35.47 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70

- + 20 % of Silica Flour,
- + 3 % of Gel,
- + 0.1 % of SMS,
- + 0.4 % of CFR-2,
- + 0.4 % of CFL-3

**Plug 2**

From Depth (ft):

To Depth (ft):

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: Density = 15.6 lb/gal

- + 0.25 % of FMC (Preblend)

**Fluid & Cement Data**

Expected Cement Top: --

**Wellbore Fluid**

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Apr 17, 2014 08:33



**Pumping  
Service Report**

**9188073**

**Attachment & Tools**

**Down Hole Tools**

<u>Tool Type</u>	<u>Depth (ft)</u>	<u>Supplier</u>
Cement Retainer	6,485.000	Third Party

**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>
449087	TRAILER	Utility Trailer	201017	PICKUP	1 Ton	04/23/2014 13:00	04/23/2014 17:15
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	04/23/2014 13:00	04/23/2014 17:15
746508	BODY JOB	Baby Bulker				04/23/2014 13:00	04/23/2014 17:15
200918	PICKUP	3/4 Ton				04/23/2014 13:00	04/23/2014 17:15

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Hall, Andrew J	04/23/2014 13:00	04/23/2014 17:15		
Klosterman, Austin	04/23/2014 13:00	04/23/2014 17:15		
Laeger, Kacey	04/23/2014 13:00	04/23/2014 17:15		
Doran, Benjamin	04/23/2014 13:00	04/23/2014 17:15		
Paiu, Vladislav	04/23/2014 13:00	04/23/2014 17:15		
Schroeder, Stephen	04/23/2014 13:00	04/23/2014 17:15		

**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 23, 2014 14:00	Arrive On Location	---	--	--	--	--	0.00
2	Apr 23, 2014 14:15	Tailgate Meeting	---	--	--	--	--	0.00
3	Apr 23, 2014 14:30	Rig In	---	--	--	--	--	0.00
4	Apr 23, 2014 14:35	Safety Meeting	---	--	--	--	--	0.00
5	Apr 23, 2014 14:45	Sign-off on Safety	---	--	--	--	--	0.00
6	Apr 23, 2014 14:48	Pressure Test	Water	1.00	3,500.0	--	2.00	2.00
7	Apr 23, 2014 14:50	Establish Circulation	Water	2.00	1,000.0	--	5.00	7.00
8	Apr 23, 2014 14:56	Pump	1-1-0 G	2.00	500.0	--	36.50	43.50
9	Apr 23, 2014 15:13	Displace Fluid	Water	2.00	1,000.0	--	23.00	66.50
10	Apr 23, 2014 15:28	Wash	Water	2.00	22.0	--	20.00	86.50
11	Apr 23, 2014 16:30	Rig Out	---	--	--	--	--	86.50
12	Apr 23, 2014 16:50	Job Complete	---	--	--	--	--	86.50
13	Apr 23, 2014 17:00	Pre-Departure Meeting	---	--	--	--	--	86.50
14	Apr 23, 2014 17:15	Leave Location	---	--	--	--	--	86.50





**Pumping  
Service Report**

**9188073**

**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

9969

**Comments To Service Report**

We pressure tested to 3500 psi, pumped 5 bbls to break circulation, pumped 36.5 bbls of slurry at 13.5, displaced 23 bbls, circulated 70 bbls of fresh water through the casing per customer, Sanjel equipment worked good, the crew did a good job and the customer was happy.



**Pumping  
Service Report**

**9188074**

Client Name Anadarko Petroleum Corporation	Well Name Nick Sekich Unit B #1	Job Date April 24, 2014	Call Sheet 1041449
Client Representative Mr Al Morales	Location Sec 19:T3N:R67W	Job Type Abandonment Plugs	Rig Basic 1509

**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	10.500	J-55	4,010.0	4,790.0	67.62	4.052	5.000	0.0	4,240.0

**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	14.960	1.995	2.910	0.000	3,870.000

**Products**

**Plug 1**

From Depth (ft): 3840  
To Depth (ft): 4240  
Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 225 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 46 (bbl)  
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70  
+ 0.5 % of CFR-2,  
+ 0.25 % of FMC,  
+ 0.5 % of LWA,  
+ 0.25 lb/sack of Polyflake

**Plug 2**

From Depth (ft):  
To Depth (ft):  
Plug Type : Abandonment

Acids/Blends/Fluids :

**Fluid & Cement Data**

Expected Cement Top: --					
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Apr 17, 2014 08:33





**Pumping  
Service Report**

**9188074**

**Attachment & Tools**

**Down Hole Tools**

<u>Tool Type</u>	<u>Depth (ft)</u>	<u>Supplier</u>
Cement Retainer	3,870.000	Third Party

**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>
449087	TRAILER	Utility Trailer	201017	PICKUP	1 Ton	04/24/2014 09:04	04/24/2014 12:45
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	04/24/2014 09:04	04/24/2014 12:45
446171	TRAILER	Bulker	746171	TRACTOR	Tandem - Tractor	04/24/2014 09:04	04/24/2014 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>
Hall, Andrew J	04/24/2014 09:00	04/24/2014 12:45		
Klosterman, Austin	04/24/2014 09:00	04/24/2014 12:45		
Martinez, Fernando	04/24/2014 09:00	04/24/2014 12:45		
Icke, Dean	04/24/2014 09:00	04/24/2014 12:45		

**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 24, 2014 09:30	Arrive On Location	---	--	--	--	--	0.00
2	Apr 24, 2014 09:45	Tailgate Meeting	---	--	--	--	--	0.00
3	Apr 24, 2014 10:00	Rig In	---	--	--	--	--	0.00
4	Apr 24, 2014 10:20	Safety Meeting	---	--	--	--	--	0.00
5	Apr 24, 2014 10:30	Sign-off on Safety	---	--	--	--	--	0.00
6	Apr 24, 2014 10:38	Pressure Test	Water	1.00	3,000.0	--	2.00	2.00
7	Apr 24, 2014 10:40	Establish Circulation	Water	2.00	800.0	--	5.00	7.00
8	Apr 24, 2014 10:45	Pump Preflush	Water	2.00	1,000.0	--	20.00	27.00
		Remarks: SMS						
9	Apr 24, 2014 10:53	Pump Spacer	Water	2.00	1,000.0	--	5.00	32.00
10	Apr 24, 2014 10:55	Pump	0-1-0 G	2.50	1,200.0	--	46.00	78.00
11	Apr 24, 2014 11:12	Displace Fluid	Water	2.00	800.0	--	12.00	90.00
12	Apr 24, 2014 11:20	Wash	Water	2.00	22.0	--	20.00	110.00
13	Apr 24, 2014 12:00	Rig Out	---	--	--	--	--	110.00
14	Apr 24, 2014 12:15	Job Complete	---	--	--	--	--	110.00
15	Apr 24, 2014 12:30	Pre-Departure Meeting	---	--	--	--	--	110.00
16	Apr 24, 2014 12:45	Leave Location	---	--	--	--	--	110.00



# Pumping Service Report

9190896

Client Name Anadarko Petroleum Corporation	Well Name Nick Sekich Unit B #1	Rig Basic 1509	Job Date April 25, 2014	Call Sheet 1041463
Client Representative Mr Al Morales	Surface Well Location NE NE Sec 19: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): --- @ --

## Open Hole

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
12.000	--	0.000	--	--	--

## Casing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Internal Yield Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
4.500	10.500	J-55	4,010.0	4,790.0	1.59	4.052	5.000	850.0	950.0

## Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.375	4.700	J-55	8,100.000	3.670	1.995	2.910	0.000	950.000

## Products

### Plug 1

From Depth (ft): 950

To Depth (ft): 191

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 310 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 80.6 (bbl)

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

+ 1 % of CaCl<sub>2</sub>,

+ 0.25 lb/sack of Polyflake

### Plug 2

From Depth (ft):

To Depth (ft):

Plug Type : Abandonment

Acids/Blends/Fluids :

## Fluid & Cement Data

Expected Cement Top: Depth (ft): 191

### Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Apr 17, 2014 08:33



# Pumping Service Report

9190896

## Units & Personnel

### Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449087	TRAILER	Utility Trailer	200868	PICKUP	3/4 Ton	04/25/2014 10:00	04/25/2014 13:00
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	04/25/2014 10:00	04/25/2014 13:00
446145	TRAILER	Bulker	746145	TRACTOR	Tandem - Tractor	04/25/2014 10:00	04/25/2014 13:00

### Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Maguire, Matthew	04/25/2014 10:00	04/25/2014 13:00		
Feigenbaum, Andrew	04/25/2014 10:00	04/25/2014 13:00		
Doran, Benjamin	04/25/2014 10:00	04/25/2014 13:00		
Jimenez Jr, Allan	04/25/2014 10:00	04/25/2014 13:00		

## 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	Apr 27,2014 10:00	Arrive On Location		--	--	--	--	0.00
2	Apr 27,2014 10:05	Tailgate Meeting		--	--	--	--	0.00
3	Apr 27,2014 10:15	Rig In		--	--	--	--	0.00
4	Apr 27,2014 10:45	Safety Meeting		--	--	--	--	0.00
5	Apr 27,2014 10:55	Sign-off on Safety		--	--	--	--	0.00
6	Apr 27,2014 11:00	Start - Fluid	Water	1.00	100.0	--	1.00	1.00
		Remarks: Filled lines						
7	Apr 27,2014 11:02	Pressure Test		--	1,500.0	--	--	1.00
		Remarks: All lines held pressure						
8	Apr 27,2014 11:03	Establish Circulation	Water	2.00	150.0	--	5.00	6.00
		Remarks: We had circulation.						
9	Apr 27,2014 11:10	Mix Cement	0:1:0 Type III	2.50	300.0	--	80.60	86.60
10	Apr 27,2014 11:38	Displace Fluid	Water	2.00	2.0	--	3.60	90.20
11	Apr 27,2014 11:45	Pull Pipe		--	--	--	--	90.20
		Remarks: Rig pulled 27 stands of tubing.						
12	Apr 27,2014 12:10	Pump	Water	2.00	100.0	--	11.00	101.20
		Remarks: Pumped 11 bbls fresh water per Al Morales.						
13	Apr 27,2014 12:16	Stop		--	--	--	--	101.20
14	Apr 27,2014 12:20	Wash	Water	--	--	--	--	101.20
15	Apr 27,2014 12:45	Rig Out		--	--	--	--	101.20
16	Apr 27,2014 12:50	Pre-Departure Meeting		--	--	--	--	101.20
17	Apr 27,2014 12:53	Job Complete		--	--	--	--	101.20
18	Apr 27,2014 12:55	Leave Location		--	--	--	--	101.20



**Pumping  
Service Report**

**9190896**

**Treatment Reports & Remarks**

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