

ANADARKO PETROLEUM CORP - EBUS

Lansdown State 3C-21HZ

Majors 42

Post Job Summary **Cement Surface Casing**

Date Prepared: 3/31/2014
Version: 1

Service Supervisor: SMITH, AARON

Submitted by: PRUDHOMME, JOSHUA

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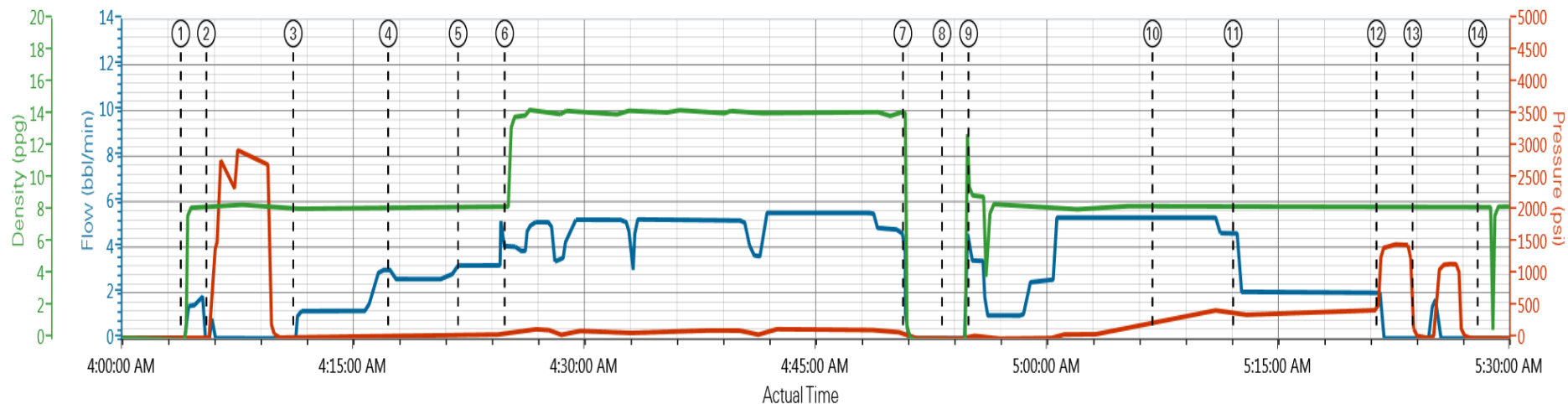
Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Fresh Water Spacer	8.33	1.0	10.0 bbl	10.0 bbl
1	1	Spacer	Mud Flush	8.50	3.0	12.0 bbl	12.0 bbl
1	1	Spacer	Fresh Water Spacer	8.33	3.5	10.0 bbl	10.0 bbl
1	2	Cement Slurry	SwiftCem B2	14.20	5.0	481.0 sacks	481.0 sacks

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Data Acquisition

ANADARKO PETROLEUM LANSDOWN 3C-21HZ SURFACE



Comb Pump Rate (bbl/min) 2 PS Pump Press (psi) -1 DH Density (ppg) 0.69

- ① Start Job 0;2;-0.12 ④ Pump Spacer 23;45;8.19 ⑦ Shutdown 0;66;8.77 ⑩ Other 5.3;228;8.23 ⑬ Check Floats 0;59;8.23
- ② Test Lines 0;7;8.26 ⑤ Pump Spacer 13.2;55;8.24 ⑧ Drop Top Plug 0;-1;-0.13 ⑪ Other 4.6;422;8.22 ⑭ End Job 0;1;8.26
- ③ Pump Spacer 10;6;8.28 ⑥ Pump Cement 4;80;8.23 ⑨ Pump Displacement 3.4;45;9 ⑫ Bump Plug 2;843;8.29

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Created: 2014-03-27 22:01:41, Version: 3.0.121

Edit

Customer: ANADARKO PETROLEUM CORP -
EBUS

Job Date: 3/28/2014 3:41:11 AM

Well: LANSDOWN STATE 3C-21HZ

Representative: AARON SMITH

Sales Order #: 901211632

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Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
03/28/2014 00:00		Arrive at Location from Service Center						WITH ALL EQUIPMENT AND MATERIALS, RIG STILL PULLING DRILL PIPE
03/28/2014 00:15		Assessment Of Location Safety Meeting						
03/28/2014 03:00		Casing on Bottom						
03/28/2014 03:00		Circulate Well						
03/28/2014 03:05		Pre-Rig Up Safety Meeting						RIG-UP JSA
03/28/2014 03:15		Rig-Up Equipment						
03/28/2014 03:30		Rig-Up Completed						
03/28/2014 03:45		Pre-Job Safety Meeting						WITH CUSTOMER REP AND RIG CREW
03/28/2014 04:04		Start Job						
03/28/2014 04:05		Test Lines					2500.0	FRESH WATER WITH NO ADDITIVES
03/28/2014 04:11		Pump Spacer 1	1	10			85.0	FRESH WATER WITH NO ADDITIVES
03/28/2014 04:17		Pump Spacer 2	3	12			95.0	FRESH WATER WITH MUD FLUSH
03/28/2014 04:22		Pump Spacer 1	3.5	10			95.0	FRESH WATER WITH NO ADDITIVES
03/28/2014 04:25		Pump Cement	5	131			105.0	481 SKS SWIFTCEM B1 @ 14.2 PPG 1.55 YIELD, 7.68 GAL/SK
03/28/2014 04:50		Shutdown						
03/28/2014 04:53		Drop Top Plug						PRE-LOADED HWE TOP PLUG IN PLUG CONTAINER VERIFIED BY CUSTOMER REP
03/28/2014 04:55		Pump Displacement	5	93			420.0	FRESH WATER WITH NO ADDITIVES
03/28/2014 05:07		Spacer Returns to Surface						@44 BBLS DISPLACEMENT, 32 BBLS TO THE PIT
03/28/2014 05:12		Cement Returns to Surface						@76 BBLS DISPLACEMENT, 17 BBLS TO THE PIT
03/28/2014 05:21		Bump Plug	3				1270.0	FINAL CIRCULATING PRESSURE 436
03/28/2014 05:23		Check Floats						FLOATS HELD, BBLS BACK
03/28/2014 05:28		End Job						RIG DOWN JSA, JOURNEY MANAGMENT MEETING, THANKS AARON SMITH AND CREW

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3360498	Quote #:	Sales Order #: 901211632
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Hersch, Larry	
Well Name: Lansdown State		Well #: 3C-21HZ	API/UWI #: 05-123-39045
Field:	City (SAP): IONE	County/Parish: Weld	State: Colorado
Lat: N 40.119 deg. OR N 40 deg. 7 min. 7.885 secs.		Long: W 104.789 deg. OR W -105 deg. 12 min. 38.66 secs.	
Contractor: Majors		Rig/Platform Name/Num: Majors 42	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: GREGORY, JON		Srvc Supervisor: SMITH, AARON	MBU ID Emp #: 518187

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DODSON, RICHARD Bryan	6.0	518192	MYRE, JAMES	6.0	549859	SMITH, AARON David	6.0	518187

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11338223	10 mile	11566182	10 mile	11667703C	10 mile	12010173	10 mile
53301	10 mile						

Job**Job Times**

Formation Name					Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out	27 - Mar - 2014	18:30 MST
Form Type		BHST			On Location	28 - Mar - 2014	00:00 MST
Job depth MD	1231. ft	Job Depth TVD	1231. ft		Job Started	28 - Mar - 2014	04:04 MST
Water Depth		Wk Ht Above Floor	5. ft		Job Completed	28 - Mar - 2014	05:28 MST
Perforation Depth (MD)	From		To		Departed Loc	28 - Mar - 2014	06:00 MST

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water Spacer		10.0	bbl	8.33			1.0	
1	Mud Flush		12.0	bbl	8.5			3.0	
1	Fresh Water Spacer		10.0	bbl	8.33			3.5	
2	SwiftCem B2	SWIFTCem (TM) SYSTEM (452990)	481	sacks	14.2	1.54	7.64	5.0	7.64
7.64 Gal		FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		17.0		Actual Displacement 93.0	
Frac Gradient		15 Min		Spacers		32.0		Load and Breakdown	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe		Amount 0 ft		Reason		Shoe Joint			
Frac Ring # 1 @		ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID	
The Information Stated Herein Is Correct				Customer Representative Signature					

