
ANADARKO PETROLEUM CORP - EBUS

**Butterball 30C-10HZ
WATTENBURG
Weld County , Colorado**

Cement Surface Casing
26-Sep-2013

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3107172	Quote #:	Sales Order #: 900775014
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Hersh, Larry	
Well Name: Butterball		Well #: 30C-10HZ	API/UWI #: 05-123-37867
Field: WATTENBURG	City (SAP): FIRESTONE	County/Parish: Weld	State: Colorado
Lat: N 40.147 deg. OR N 40 deg. 8 min. 48.235 secs.		Long: W 104.884 deg. OR W -105 deg. 6 min. 57.064 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: FLING, MATTHEW		Srvc Supervisor: VIGIL, NICHOLAS	MBU ID Emp #: 443481

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ROMERO, JOSEPH M	5.5	512137	VIGIL, NICHOLAS Joseph	5.5	443481	ROBINSON, TROY	5.5	

Equipment

HES Unit #	Distance-1 way						
11338223	12 mile	11398490	12 mile	11764052	12 mile	12010168	12 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
9/26/2013	5.5	1.5						
TOTAL	<i>Total is the sum of each column separately</i>							

Job

Job Times

Formation Name	Date	Time	Time Zone
Formation Depth (MD) Top Bottom	Called Out	26 - Sep - 2013	00:30 MST
Form Type BHST	On Location	26 - Sep - 2013	04:30 MST
Job depth MD 1046. ft Job Depth TVD	Job Started	26 - Sep - 2013	07:08 MST
Water Depth Wk Ht Above Floor 4. ft	Job Completed	26 - Sep - 2013	08:25 MST
Perforation Depth (MD) From To	Departed Loc	26 - Sep - 2013	09:45 MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbf/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
13 1/2" Open Hole Section				13.5				.	1046.		
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	1043.4		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
CMT CASING EQUIPMENT BOM	1	JOB		
MILEAGE FOR CEMENTING CREW,ZI	30	MI		
ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	30	MI		
KIT,HALL WELD-A	1	EA		
CNTRLZR, 9 5/8x13 3/4,#500-0963-1375	6	EA		
PLUG,CMTG, TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		
COLLAR-STOP-9 5/8"-FRICTION-HINGED	2	EA		
BASKET - CEMENT - 9-5/8 CSG X 12-1/4	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	
Fluid Data													
Stage/Plug #: 1													
Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		
1	Fresh Water Spacer					bbl	8.33	.0	.0	.0			
2	Mud Flush				12.00	bbl	8.4	.0	.0	.0			
42 gal/bbl		MUD FLUSH III - SBM (528788)											
3.5 lbm/bbl		MUD FLUSH III, 40 LB SACK (101633304)											
3	SwiftCem B2	SWIFTCEM (TM) SYSTEM (452990)			360.0	sacks	14.2	1.55	7.65		7.65		
7.649 Gal		FRESH WATER											
Calculated Values			Pressures			Volumes							
Displacement	78 bbl	Shut In: Instant			Lost Returns			Cement Slurry			Pad		
Top Of Cement	Surface	5 Min			Cement Returns 13 bbl			Actual Displacement 78 bbl			Treatment		
Frac Gradient		15 Min			Spacers			Load and Breakdown			Total Job		
Rates													
Circulating		Mixing		6	Displacement		5	Avg. Job		5.5			
Cement Left In Pipe		Amount	41.85 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								

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Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive At Loc	09/26/2013 04:34							Well site assesment, Hazard hunt, Water test, Rig up safety meeting, Set up spill containment
Other	09/26/2013 04:34							Rig still had about 8 joints of casing left to run.
Rig-Up Equipment	09/26/2013 04:34							Spotted and rigged up trucks as far as we could with out being in the way of the rig crew while they ran the casing.
Rig-Up Completed	09/26/2013 05:30							Held safety meeting with all personell on location.
Pre-Job Safety Meeting	09/26/2013 06:45							Held safety meeting with all personell on location.
Start Job	09/26/2013 07:08							
Test Lines	09/26/2013 07:08							Pressure tested lines to 3000 psi
Pump Spacer 1	09/26/2013 07:11		2	10			27.0	Water
Pump Spacer 2	09/26/2013 07:17		2	12			35.0	Mud Flush
Pump Spacer 1	09/26/2013 07:24		2	10			40.0	Water
Pump Cement	09/26/2013 07:27		6	104			105.0	14.2 ppg SwiftCem (377 sks), weight was verified by scale
Shutdown	09/26/2013 07:45							
Drop Top Plug	09/26/2013 07:51							Loaded plug while we shut down
Pump Displacement	09/26/2013 07:52		5	40			155.0	Fresh water

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	09/26/2013 08:13		3	78			360.0	Calculated pressure to land was 303 + 1000 over final lft
Check Floats	09/26/2013 08:18							Floats did not hold
Pressure Up	09/26/2013 08:20							Pressured back up to 500 psi and held for 2 min.
Check Floats	09/26/2013 08:22							Floats still would not hold
Pressure Up	09/26/2013 08:23							Pressured up well to 200 psi and shut in well
Shut In Well	09/26/2013 08:24							
End Job	09/26/2013 08:25							Rig down safety meeting