

CONOCO/PHILLIPS COMPANY EBUSINESS
DO NOT MAIL- 600 N DAIRY ASHFORD
HOUSTON, Texas

Tebo
Tebo 32 3H

H&P#/280

Post Job Summary **Plug Service - Whipstock**

Date Prepared: 6/25/12
Version: 1

Service Supervisor: LAVALLEY, LARRY

Submitted by: FRY, DOMINIK

HALLIBURTON

HALLIBURTON

Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Clean Spacer	10.50	4.00	40.0 bbl	40.0 bbl
1	2	Cement Slurry	PlugCem 15.8#	15.80	4.00	345.0 sacks	345.0 sacks

Job Summary

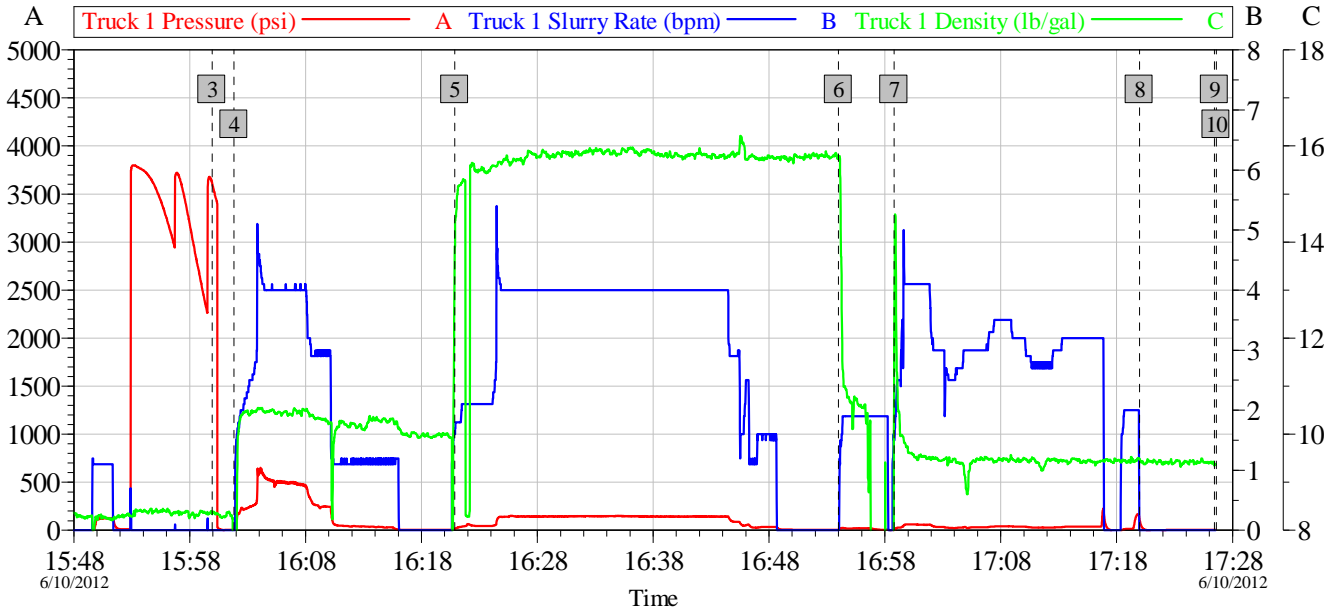
Job Information

Job Start Date	6/10/2012 3:27:00 PM	Time From End Mud Circ. to Job Start	900.00 minute
Job MD	8,270.0 ft	Pipe Movement During Cementing	None
Job TVD	8,270.0 ft	Did Pipe Pull Dry?	Pipe Pulled Dry
Height of Plug Container/Swage Above Rig Floor	6.0 ft	Rate Pipe Was Pulled	30.00
Surface Temperature at Time of Job	55 degF	Job Displaced by (rig/halco)	Rig & Cement Pumps
Mud Type	Spud Mud		
Actual Mud Density	10 lbm/gal		
Time Circulated before job	1.00 hour(s)		
Pipe Movement During Hole Circulation	None		

HALLIBURTON

Data Acquisition

CONOCO PHILLIPS TEBO 32-3H WHIPSTOCK PLUG



Global Event Log											
Intersection		TIP	T1SR	T1D	Intersection	TIP	T1SR	T1D			
1	Starting Job	14:02:33	54.00	0.000	2.490	2	Start Job	15:27:11	-1.000	0.000	8.263
3	Test Lines	15:59:55	3615	0.000	8.341	4	Pump Spacer 1	16:01:50	13.07	0.000	0.556
5	Pump Lead Cement	16:20:53	15.00	1.600	13.91	6	Pump Spacer 2	16:54:00	6.000	0.000	15.78
7	Pump Displacement	16:58:47	2.814	1.500	10.68	8	Shutdown	17:19:58	127.7	0.000	9.486
9	End Job	17:26:27	3.000	0.000	9.373	10	Ending Job	17:26:35	3.000	0.000	9.380

Customer: CONOCO PHILLIPS	Job Date: 10-Jun-2012	Sales Order #: 9582129
Well Description: WHIPSTOCK PLUG	THANKS LARRY LAVALLEY AND CREW	

OptiCem v6.4.10
10-Jun-12 17:27

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
06/10/2012 03:00		Arrive at Location from Service Center					
06/10/2012 06:00		Safety Meeting					ATTENDED CONOCO/PHILLIPS SAFTY CLASS
06/10/2012 15:27		Start Job					
06/10/2012 15:59		Test Lines				3615.0	RIG WATER WITH NO ADDITIVES
06/10/2012 16:01		Pump Spacer 1	4	34		13.0	CLEAN SPACER III MIXED @ 10.5 PPG WITH 20 GAL MUSOL A, 20 GAL SEM-7, AND 10 GAL D-AIR ADDED.
06/10/2012 16:20		Pump Cement	4	93		15.0	345 SKS PLUGCEM MIXED @ 15.8 PPG
06/10/2012 16:54		Pump Spacer 2	4	6		6.0	CLEAN SPACER III MIXED @ 10.5 PPG WITH 20 GAL MUSOL A, 20 GAL SEM-7, AND 10 GAL D-AIR ADDED.
06/10/2012 16:58		Pump Displacement	4	62.5		162.0	OIL BASED DRILLING MUD @ 10.0 PPG SUPPLIED BY RIG
06/10/2012 17:19		Shutdown					RIG PULLED 10 STANDS OF DRILLPIPE. WE COULD NOT GET MUD FAST ENOUGH TO CIRCULATE HOLE SO RIG DID IT THEMSELVES.
06/10/2012 17:26		End Job					
06/10/2012 18:00		Depart Location for Service Center or Other Site					

The Road to Excellence Starts with Safety

Sold To #: 352431	Ship To #: 2927713	Quote #:	Sales Order #: 9582129
Customer: CONOCO/PHILLIPS COMPANY EBUSINESS		Customer Rep: HOLUBOE, FRANK	
Well Name: Tebo		Well #: 32 3H	API/UWI #: 05-005-07178
Field: WILDCAT	City (SAP): AURORA	County/Parish: Arapahoe	State: Colorado
Lat: N 39.653 deg. OR N 39 deg. 39 min. 11.959 secs.		Long: W 104.577 deg. OR W -105 deg. 25 min. 22.4 secs.	
Contractor: H&P		Rig/Platform Name/Num: #280	
Job Purpose: Plug Service - Whipstock			
Well Type: Development Well		Job Type: Plug Service - Whipstock	
Sales Person: FLING, MATTHEW		Srvc Supervisor: LAVALLEY, LARRY	MBU ID Emp #: 419296

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CONGDON, RICHARD S.	0.0	320306	DODSON, RICHARD Bryan	0.0	518192	FANTASIA, JOSEPH Brandon	0.0	485445
FLYNN, SHAD Michael	0.0	476484	LANGE, TIMOTHY Paul	0.0	520811	LAVALLEY, LARRY P	0.0	419296
MEADOWS, DANIEL Graham	0.0	500668						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10822531C	42 mile	11019824C	42 mile	11488570C	42 mile	11518549	42 mile
11526488	42 mile	11527041C	42 mile	11606995	42 mile	5707C	42 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL								

Total is the sum of each column separately

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type	BHST		On Location	10 - Jun - 2012	03:00	MST
Job depth MD	8270. ft	Job Depth TVD	Job Started	10 - Jun - 2012	15:27	MST
Water Depth	Wk Ht Above Floor		Job Completed	10 - Jun - 2012	17:26	MST
Perforation Depth (MD)	<i>From</i>	<i>To</i>	Departed Loc	10 - Jun - 2012	18:30	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Open Hole Section (Intermediate)				8.75				2180.	8300.	2180.	8300.
Surface Casing	Unknown		9.625	8.921	36.		N-80	.	2180.		
5 in. Drill Pipe	Unknown		5.	.	19.5			6247.	7247.	6247.	7247.
4 in Drill Pipe	Unknown		4.	.	14.		XT-38	.	5858.	.	5858.

Description	New / Used	Max pressure	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
2 7/8 TUBING	Used		2.875	2.441	6.5		P-110	7310.	8270.	7310.	8270.

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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Clean Spacer		40.00	bbl	10.5	3.86	24.21	5.0	
2	PlugCem 15.8#	PLUGCEM (TM) SYSTEM (452969)	345.0	sacks	15.8	1.52	6.2	5.0	6.2

6.2 Gal FRESH WATER

Calculated Values

Pressures

Volumes

Displacement	Shut In: Instant	Lost Returns	Cement Slurry	Pad
Top Of Cement	5 Min	Cement Returns	Actual Displacement	Treatment
Frac Gradient	15 Min	Spacers	Load and Breakdown	Total Job

Rates

Circulating	Mixing	Displacement	Avg. Job
Cement Left In Pipe	Amount 45 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
--	-----------------------------------

