

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

Tebo 32  
Tebo 32 3H

**H&P/H&P/280**

## **Post Job Summary**

# **Cement Intermediate Casing**

Date Prepared: 06/22/2012  
Version: 1

Service Supervisor: VIGIL, NICHOLAS

Submitted by: MCKAY, ADAM

**HALLIBURTON**

# HALLIBURTON

## Wellbore Geometry

Job Tubulars					MD		TVD		Excess %	Shoe Joint Length ft
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	Top ft	Bottom ft		
Casing	9-5/8" Surface Casing	9.63	8.921	36.00	0.00	2,188.00				45.00
Open Hole Section	8-3/4" Open Hole Section		8.750		2,188.00	8,236.00				
Casing	7" Casing	7.00	6.184	29.00	0.00	8,236.00				

## 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 III	10.50	5.00	40 bbl	40 bbl
1	2	Cement Slurry	EXTENDACEM B2	12.00	5.00	425.0 sacks	425.0 sacks
1	3	Cement Slurry	HalCem B1	15.80	5.00	120.0 sacks	120.0 sacks

## Service Supervisor Reports

### Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
06/17/2012 00:02		Pump Spacer 1	5	40		190.0	MIXED 10.5 PPG TUNED SPACER USING RIG WATER
06/17/2012 00:45		Arrive At Loc					
06/17/2012 08:57		Start Job					
06/17/2012 08:57		Test Lines					PRESSURE TESTED LINES TO 3500 PSI
06/17/2012 09:16		Drop Bottom Plug					PLUG WAS PRE LOADED WITNESSED BY COMPANY MAN
06/17/2012 09:17		Pump Lead Cement	5	150.6		159.0	MIXED 12 PPG LEAD CEMENT USING RIG WATER (425 SKS)
06/17/2012 09:51		Pump Tail Cement	5	32.4		100.0	MIXED 15.8 PPG TAIL USING RIG WATER (120 SKS)
06/17/2012 10:00		Shutdown					
06/17/2012 10:02		Drop Top Plug					PLUG WAS PRE LOADED WITNESSED BY COMPANY MAN
06/17/2012 10:07		Pump Displacement	5	315		2082.0	DISPLACED USING RIG WATER PUMPED 1.5 BBL OVER CALCULATED VOLUME PER COMPANY MAN
06/17/2012 11:10		Bump Plug					PLUG DID NOT BUMP
06/17/2012 11:18		Check Floats					FLOATS HELD
06/17/2012 11:34		End Job					

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 352431	<b>Ship To #:</b> 2927713	<b>Quote #:</b>	<b>Sales Order #:</b> 9597432
<b>Customer:</b> CONOCO/PHILLIPS COMPANY EBUSINESS		<b>Customer Rep:</b> Perez, Richard	
<b>Well Name:</b> Tebo 32		<b>Well #:</b> 3H	<b>API/UWI #:</b> 05-005-07178-00
<b>Field:</b> WILDCAT	<b>City (SAP):</b> AURORA	<b>County/Parish:</b> Arapahoe	<b>State:</b> Colorado
<b>Contractor:</b> H&P		<b>Rig/Platform Name/Num:</b> H&P 280	
<b>Job Purpose:</b> Cement Intermediate Casing			
<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Intermediate Casing	
<b>Sales Person:</b> AARON, WESLEY		<b>Srvc Supervisor:</b> VIGIL, NICHOLAS	<b>MBU ID Emp #:</b> 443481

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BARNES, BRIAN L	0.0	485204	CORDOVA, PHILLIP Jared	0.0	519140	HOLLOWAY, DUSTIN Craig	0.0	504032
LINEBARGER, JOSHUA W	0.0	419614	MILLER, GEOFFREY Alan	0.0	460232	PETERSON, ERIC Eugene	0.0	213272
SANSONI, NICHOLAS Sterling J	0.0	502962	VIGIL, NICHOLAS Joseph	0.0	443481			

**Equipment**

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10829456	80 mile	11064046C	80 mile	11488570C	80 mile	11542577	80 mile
11562546C	80 mile	11606994	80 mile	11633846C	80 mile	11645065	80 mile
11748359	80 mile	NA	80 mile				

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
<b>TOTAL</b>			<i>Total is the sum of each column separately</i>					

**Job**

**Job Times**

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Wk Ht Above Floor	Perforation Depth (MD)	From	To	Called Out	Date	Time	Time Zone
				BHST	8236. ft	8236. ft							16 - Jun - 2012	20:47	MST
												On Location	17 - Jun - 2012	00:45	MST
												Job Started	17 - Jun - 2012	08:57	MST
												Job Completed	17 - Jun - 2012	11:35	MST
												Departed Loc	17 - Jun - 2012	13:30	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
8-3/4" Open Hole Section				8.75				2188.	8236.		
7" Casing	Unknown		7.	6.184	29.			.	8236.		
9-5/8" Surface Casing	Unknown		9.625	8.921	36.		N-80	.	2188.		

**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	Clean Spacer III			bbl	10.5	3.86	24.21	.0	
2	EXTENDACEM B2	EXTENDACEM (TM) SYSTEM (452981)	425.0	sacks	12.	1.99	10.64		10.64
	10.64 Gal	FRESH WATER							
3	HalCem B1	HALCEM (TM) SYSTEM (452986)	120.0	sacks	15.8	1.52	6.2		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

<p>The Information Stated Herein Is Correct</p>	<p><b>Customer Representative Signature</b></p>
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