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**XTO ENERGY INC EBUSINESS**

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**Hocker 4-35**

**La Plata County , Colorado**

**Cement Production Casing**

**17-Nov-2011**

**Job Site Documents**

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 353810	<b>Ship To #:</b> 2892084	<b>Quote #:</b>	<b>Sales Order #:</b> 9070642
<b>Customer:</b> XTO ENERGY INC EBUSINESS		<b>Customer Rep:</b> Neitzel, Mark	
<b>Well Name:</b> Hocker		<b>Well #:</b> 4-35	<b>API/UWI #:</b>
<b>Field:</b>	<b>City (SAP):</b> IGNACIO	<b>County/Parish:</b> La Plata	<b>State:</b> Colorado
<b>Contractor:</b> AZTEC WELL SERVICE		<b>Rig/Platform Name/Num:</b> AWS 580	
<b>Job Purpose:</b> Cement Production Casing			
<b>Well Type:</b> Producing Well		<b>Job Type:</b> Cement Production Casing	
<b>Sales Person:</b> TALLMAN, JESS		<b>Srvc Supervisor:</b> PHILLIPS, MARK	<b>MBU ID Emp #:</b> 445272

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HAYES, JESSE Doug	7	403601	JENSEN, JESSE Robert	7	478774	PHILLIPS, MARK Bejar	7	445272
TYLER, LUTHER	7	375283						

**Equipment**

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025040	45 mile	10248068	45 mile	10822043	45 mile	10897797	45 mile
11259884	45 mile						

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11-17-11	7							

**TOTAL** Total is the sum of each column separately

**Job**

**Job Times**

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
<b>Formation Depth (MD)</b>			<b>On Location</b>	17 - Nov - 2011	01:30	MST
<b>Form Type</b>		BHST	<b>On Location</b>	17 - Nov - 2011	05:00	MST
<b>Job depth MD</b>	2950.9 ft	<b>Job Depth TVD</b>	2950.9 ft	<b>Job Started</b>	17 - Nov - 2011	10:40
<b>Water Depth</b>		<b>Wk Ht Above Floor</b>	4. ft	<b>Job Completed</b>	17 - Nov - 2011	11:50
<b>Perforation Depth (MD)</b>	<i>From</i>	<i>To</i>	<b>Departed Loc</b>	17 - Nov - 2011	14:00	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
<b>Sales/Rental/3<sup>rd</sup> Party (HES)</b>											

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 5 1/2, HWE, 4.38 MIN/5.09 MA	1	EA		
SUGAR, GRANULATED, IMPERIAL	100	LB		

**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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	MUD FLUSH III	MUD FLUSH III - SBM (528788)	20.00	bbl	8.4	.0	.0	.0	
2	Lead Cement	PRB-2 - SBM (321500)	275.0	sacks	12.5	2.26	12.49		12.49
	0.3 %	D-AIR 5000, 50 LB SACK (102068797)							
	0.4 %	FE-2 (100001615)							
	3 lbm	KOL-SEAL, BULK (100064233)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	12.489 Gal	FRESH WATER							
3	Tail Cement	PRB-2 - SBM (321500)	100.0	sacks	13.5	1.82	9.22		9.22
	0.3 %	D-AIR 5000, 50 LB SACK (102068797)							
	0.4 %	FE-2 (100001615)							
	3 lbm	KOL-SEAL, BULK (100064233)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	9.216 Gal	FRESH WATER							
4	H2O Displacement			bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	67.5	Shut In: Instant		Lost Returns	0	Cement Slurry	143	Pad	
Top Of Cement	surface	5 Min		Cement Returns	37	Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	241
Rates									
Circulating	4.5	Mixing	55	Displacement		Avg. Job			5
Cement Left In Pipe	Amount	42.23 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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<b>Field:</b>	<b>City (SAP):</b> IGNACIO	<b>County/Parish:</b> La Plata	<b>State:</b> Colorado
<b>Legal Description:</b>			
<b>Lat:</b>		<b>Long:</b>	
<b>Contractor:</b> AZTEC WELL SERVICE		<b>Rig/Platform Name/Num:</b> AWS 580	
<b>Job Purpose:</b> Cement Production Casing			<b>Ticket Amount:</b>
<b>Well Type:</b> Producing Well		<b>Job Type:</b> Cement Production Casing	
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Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/17/2011 01:30							
Pre-Convoy Safety Meeting	11/17/2011 03:30							ALL HES EMPLOYEES
Arrive At Loc	11/17/2011 05:00							RIG STILL RUNNING CASING
Assessment Of Location Safety Meeting	11/17/2011 05:15							ALL HES EMPLOYEES, VERY TIGHT LOCATION USE BOTH SPOTTER AND GROUND GUIDE.
Rig-Up Equipment	11/17/2011 09:00							1 HT 400 PUMP TRUCK, 1 660 BULK TRUCK, 1 5.5 QUICK LATCH PLUG CONTAINER, 1 F 450 P/U, 1 BODY LOAD
Pre-Job Safety Meeting	11/17/2011 10:00							ALL HES EMPLOYEES, RIG CREW, CO REP. THIRD PARTY WATER TRUCK OPERATORS.
Start Job	11/17/2011 10:40							TD 2965', TP 2950.9', FC 2908.67', HOLE 7.875", MUD WT 10.3 PPG,SJ 42.23', 400 BBLs OF H2O ON LOCATION, WATER SAMPLE SUBMITTED.
Pump Water	11/17/2011 10:41		2	2			195.0	FILL LINES
Pressure Test	11/17/2011 10:41		0.5				5000.0	NO LEAKS
Pump Spacer 1	11/17/2011 10:44		2	5			190.0	FRESH WATER
Pump Spacer 2	11/17/2011 10:47		5	20			395.0	MUD FLUSH

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer 1	11/17/2011 10:54		5	5			420.0	FRESH WATER
Pump Lead Cement	11/17/2011 10:56		5	111			190.0	275 SKS PRB-2 CMT MIXED AT 12.5 PPG, 2.26 YIELD, 12.5 GAL/SK, CMT WEIGHED VIA PRESSURE BALANCED MUD SCALES, WET AND DRY SAMPLES SUBMITTED.
Pump Tail Cement	11/17/2011 11:20		5	32			190.0	100 SKS PRB-2 CMT TO BE MIXED AT 13.5 PPG, 1.82 YIELD, 9.22 GAL/SK, CMT TO BE WEIGHED VIA PRESSURE BALANCED MUD SCALES. WET AND DRY SAMPLES SUBMITTED.
Shutdown	11/17/2011 11:27							FOR NO MORE THEN 5 MINUTES,
Clean Lines	11/17/2011 11:28		3					NO MORE THEN 5 MINUTES. HES TO WASH UP INTO TANK.
Drop Plug	11/17/2011 11:29							PLUG LAUNCH
Pump Displacement	11/17/2011 11:30		5	67.5			720.0	FRESH WATER
Cement Returns to Surface	11/17/2011 11:35		5	30			600.0	37 BBLS CMT TO SURFACE
Slow Rate	11/17/2011 11:42		2	60			800.0	7 BBLS PRIOR TO CALCULATED DISPLACEMENT
Bump Plug	11/17/2011 11:47		2	67.5			1350.0	PLUG LANDED HOLD FOR TWO MINUTES
Check Floats	11/17/2011 11:48							FLOATS HOLDING, NO ANNULAR FLOW AT SHAKERS NOTED
End Job	11/17/2011 11:50							THANK YOU FOR USING HES FROM MARK PHILLIPS AND CREW.
Post-Job Safety Meeting (Pre Rig-Down)	11/17/2011 12:00							ALL HES EMPLOYEES

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Rig-Down Equipment	11/17/2011 12:30							SAFELY
Pre-Convoy Safety Meeting	11/17/2011 13:55							ALL HES EMPLOYEES
Crew Leave Location	11/17/2011 14:00							SITE WAS AS CLEAN AS WHEN WE ARRIVED