

Redi Mix

290
SX

Bottom of Foxhills (FHM)	806
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The diagram shows a vertical wellbore with a central section labeled '290 SX' in yellow text. This section is flanked by two vertical columns of brown material with a stippled texture. A horizontal red line with a black 'X' mark is positioned below the '290 SX' section, indicating a fracture or a specific geological boundary. Above this line, the wellbore is filled with a blue stippled material. The top of the wellbore is a solid grey color.

60

80	CIBP 8 5/8" 24#
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424	TOC
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910	Casing Stub
1010	BOC

3670	TOC
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3870	Top Squeeze Holes
3900	CICR 4 1/2" 11.6#

4390	BOC/Bottom Squeeze Holes
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6520	TOC
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7490	CIBP 4 1/2" 11.6#
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API#	05-123-21233			
WINS:	88703			
<u>Equipment</u>	<u>Specs.</u>	<u>Depth</u>	<u>Capacity (bbl/ft)</u>	<u>Capacity ft³/ft</u>
Surface Casing	8 5/8" (24#)	524	0.0637	0.3576
Production Casing	4 1/2" (11.6#)	7823	0.0155	0.0873
Production Tubing	2 3/8" (4.7#)	7508	0.0039	0.0217
Hole Size (TOP)	10	N/A	0.0971	0.5454
Hole Size (SU/SH)	10	N/A	0.0971	0.5454
OH X CSG Annulus (SU/SH)	N/A	N/A	0.0775	0.4350

Cement Calculations				
Section	Volume cu-ft	Cement Sacks	Excess	
Open Hole	294.74	221.61	40%	Foxhills Plug 10 in. hole
Surface Casing	35.76	26.89		
Production Casing	8.73	6.56		
FX Total	330.50	255.06	290	
OH X CSG Annulus	271.41	236.0112	20%	Sussex Squeeze 10 in. hole
Production Casing	62.856	54.65739		
SU Total	334.27	290.6686	290	
OH X CSG Annulus				
Production Casing	84.68	56.08		
NB/CD Total	84.68	56.08	60	

Cement Yield	1.33	1.15	1.51
	FX	SX/SH	NB

Legend	
	Existing cement with CBL
	New cement
	Assumed cement w/ no CBL
	Cast Iron Cement Retainer
	New Cast Iron Bridge Plug
	Mud
	Water + Biocide