



# Current Wellbore Schematic

626407

ELK VALLEY LAND CORP 1 SWD

District: EASTERN CENTRAL  
 Field Office: JANE LEW  
 County: BRAXTON  
 State: WEST VIRGINIA  
 Elevation: GL 1,065.00 KB 1,065.00 KB Height: 0.00

Spud Date: 7/14/2007  
 API #: 4700702539  
 Route:  
 PBDT:  
 TD: 6,552.0

Well Config: VERTICAL - Original Hole, 8/27/2010 11		Disclaimer	
ftKB (MD)	Schematic - Actual	Date	Comment
		12/9/2008	Footage given at GL.
<b>Casing Detail</b>			
		Casing Description	OD (in) ID (in) Wt (lbs/ft) Grade Set Depth (ftKB)
0		Surface	11 3/4 11.000 47.00 J-55 395.0
395	Surface, 11 3/4in, 47.00lbs/ft, J-55, 395 ftKB	Intermediate	8 5/8 23.00 2,468.0
		Production	5 1/2 4.778 20.00 P-110 6,543.0
<b>Cement</b>			
<b>Surface Casing Cement</b>			
Description: Surface Casing Cement			
423		Top (ftKB): 0.0	Top Measurement Method:
		Fluid Type	Amount (sacks) Class Density (lb/gal) Yield (ft <sup>3</sup> /sack)
2,468	Intermediate, 8 5/8in, 23.00lbs/ft, 2,468 ftKB	Lead	205 Standard
		Comment	
2,555	Tubing, 2 7/8in, 0-6,385 ftKB	w/3% CaCl, 1/4 lb/sk flake	
		Fluid Type	Amount (sacks) Class Density (lb/gal) Yield (ft <sup>3</sup> /sack)
4,750		Top Out	10
		Comment	
		Grouted backside of 11 3/4 w/10 sks cmt.	
<b>Intermediate Casing Cement</b>			
Description: Intermediate Casing Cement			
6,357		Top (ftKB): 0.0	Top Measurement Method: Returns to Surface
		Fluid Type	Amount (sacks) Class Density (lb/gal) Yield (ft <sup>3</sup> /sack)
6,357		Lead	490 Type 1
		Comment	
6,367		w/3% CaCl & 1/4 lb/sk flake.	
<b>Production Casing Cement</b>			
Description: Production Casing Cement			
6,373		Top (ftKB): 4,750.0	Top Measurement Method: Wireline Tag
		Fluid Type	Amount (sacks) Class Density (lb/gal) Yield (ft <sup>3</sup> /sack)
6,381		Lead	185 Poz 35/65
		Comment	
		35/65/6 blend w/additives.	
<b>Tubing - Production</b>			
6,385		Set Depth (ftKB): 6,395.2	Run Date: 12/11/2008
		Item Description	OD (in) ID (in) Wt (lbs/ft) Grade Jts Top (ftKB) Btm (ftKB) Len (ft)
6,386	On-Off Tool, 2 7/8in, 6,385-6,386 ftKB	Tubing	2 7/8 2.441 6.50 J-55 0.0 6,384.7 6,384.66
		On-Off Tool	2 7/8 6,384.7 6,386.1 1.45
6,394	Packer: Weatherford HD, 2 7/8in, 6,386-6,394 ftKB	Packer: Weatherford HD	2 7/8 6,386.1 6,393.6 7.50
		Collar	2 7/8 6,393.6 6,394.1 0.45
6,394	Collar, 2 7/8in, 6,394-6,394 ftKB	Cross Over: Reducing	2 7/8 6,394.1 6,394.4 0.35
		Reducing	2 7/8 6,394.4 6,395.2 0.75
6,394	Cross Over: Reducing, 2 7/8in, 6,394-6,394 ftKB	Mule Shoe	2 7/8 6,394.4 6,395.2 0.75
		Mule Shoe	2 7/8 6,394.4 6,395.2 0.75
6,395	Mule Shoe, 2 7/8in, 6,394-6,395 ftKB	<b>Perforations</b>	
		Zone/Formation	Top (ftKB) Btm (ftKB) Total Shots Comment
6,475	MARCELLUS SHALE, 6,475-6,520 ftKB	MARCELLUS SHALE	6,475.0 6,520.0 180
		<b>Stimulations</b>	
<b>Stim Details</b>			
		Type	Date Zone/Formation
6,520	Slickwater Frac, 6,475-6,520 ftKB	Slickwater Frac	8/13/2007 MARCELLUS SHALE
		Stage Type	Top (ftKB) Bottom (ftKB) Stim/Treat Fluid VolPumped (bbl)
6,543	Production, 5 1/2in, 20.00lbs/ft, P-110, 6,543 ftKB	Slickwater Frac	6,475.0 6,520.0 Fresh Water, Fresh Water 14938.00
		Additive	Amount Sand Size Units
6,552	TD, 6,552	100 Mesh Sand	35,000.0 40/70 lb
<b>Well History</b>			
		Date	Comment