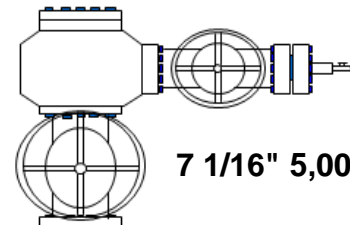


# Zenergy Operating Co.

## Jost 2-30H

Section 30 - T19S - R2E

Marion County, KS



7 1/16" 5,000 psi Frac Tree

**TEMPORARILY ABANDONED**

**Cemented Liner: 8 Plug and Perf Stages**

KB: 1,464'  
KB corr: 20'  
GL: 1,444'  
API No. 15-115-21437

PROPOSED PERFORATION SUMMARY

Stage Number	Interval Top	Interval Bottom	Interval Length	Frac Plug Depths	Top Perforation Depths						Number Holes	Remarks
					1	2	3	4	5	6		
TD	5,524											
FS	5,456											
FC	5,453											
LC	5,451											
WSBPS	5,448											Wet Shoe Bypass Sub
1	5,140	5,524	384	-	5,183	5,234	5,285	5,336	5,387	5,438	72	TCP on CT, 2' Clusters, 6 spf, 60° phasing
2	4,908	5,140	232	5,140	4,918	4,972	5,052	5,104	-	-	48	2' Clusters, 6 spf, 60° phasing
3	4,658	4,908	250	4,908	4,680	4,753	4,806	4,860	-	-	48	2' Clusters, 6 spf, 60° phasing
4	4,263	4,658	395	4,658	4,295	4,365	4,444	4,517	4,578	-	60	2' Clusters, 6 spf, 60° phasing
5	4,038	4,263	225	4,263	4,047	4,097	4,162	4,221	-	-	48	2' Clusters, 6 spf, 60° phasing
6	3,813	4,038	225	4,038	3,821	3,875	3,929	3,995	-	-	48	2' Clusters, 6 spf, 60° phasing
7	3,585	3,813	228	3,813	3,603	3,663	3,718	3,771	-	-	48	2' Clusters, 6 spf, 60° phasing
8	3,145	3,579	434	3,585	3,202	3,297	3,367	3,452	3,542	-	30	1' clusters, 6 spf, 60° phasing

**SURFACE CASING:**  
9 5/8" 36.0#, LS, STC  
8rd, Shoe set @ 235',  
circ cmt to surf.

**INTERMEDIATE CASING:**  
7" 26#, J-55, LT&C @  
3,144' MD, 2,710' TVD, Cmt  
to surf. TOC- 2,130' CBL

12 1/4" Hole

235'

8 3/4" Hole

**Tubing is as follows:**  
Date: 7/13/2013:  
TIH with 86 jts (2,725') 2-7/8" 6.5# J-55 8RND EUE tubing

KOP = 1,990' TVD, MD, BUR  
8.5°/100', build to 60° @ 2,686,  
hold 60° to 2,841', BUR  
11.5°/100', build to 90° @  
3,144' MD, 2,710' TVD

60° tangent , 2,686 to 2,841'

4 1/2" CIBP set @ 3,800'

7" GS @ 3,144' MD, 2,710 TVD

6.125" Hole, Cemented Liner

Float Collar @ 5,453'

Float Shoe @ 5,456'

TOL @ 2,841' @ 60° inclination

TD = 5,524' MD  
= 2,726 TVD

**PRODUCTION LINER:**  
4 1/2" 11.6#, N-80,  
LT&C, TOL @ 2,841'  
MD, FS @ 5,456' MD

Total Stages: 8

8 Plug and Perf stages

Upper Mississippian Lateral

Edit: 8/23/2013 SML