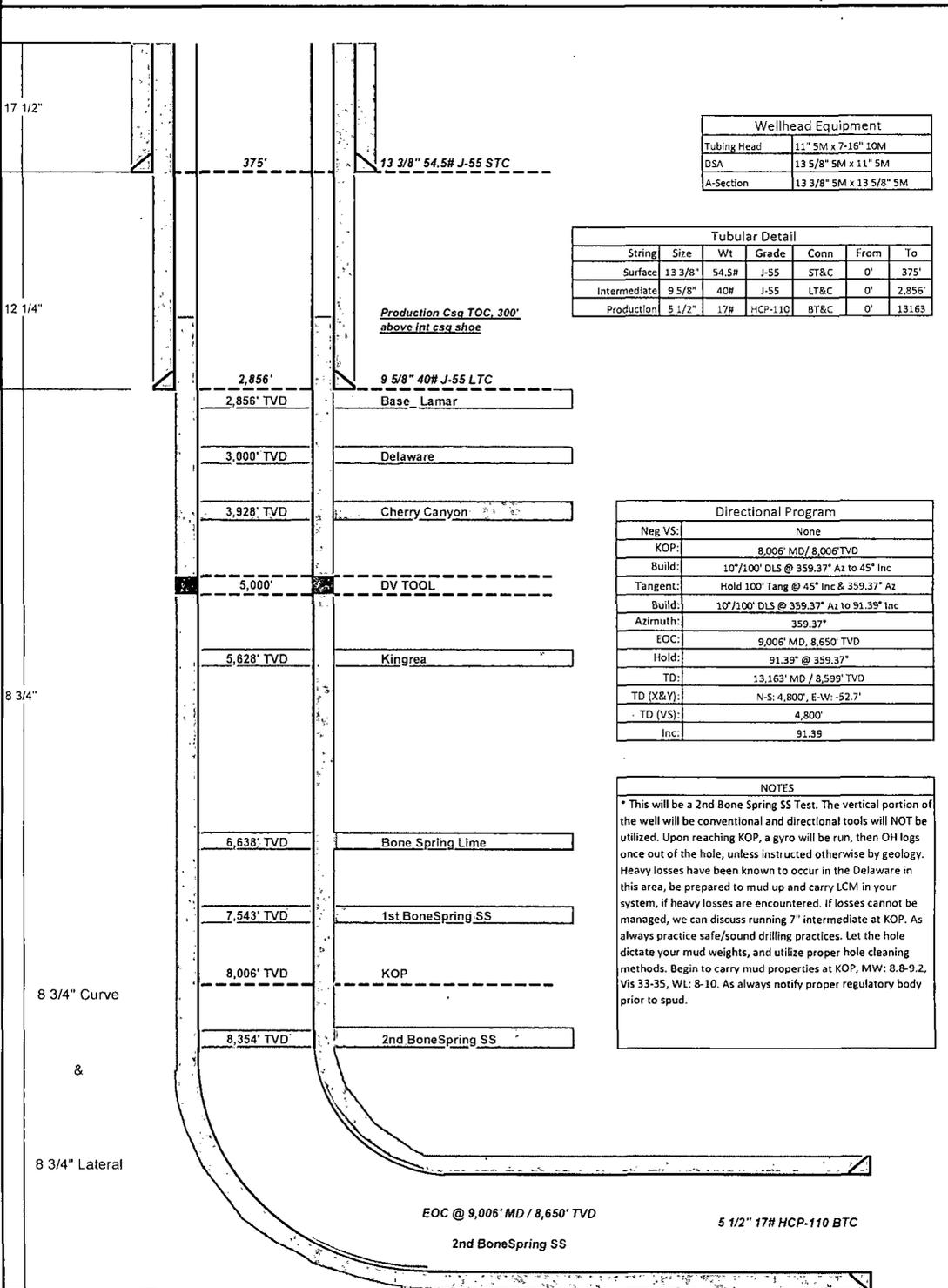


Well: East Pecos Federal Com 22-5H  
 Prospect: 2nd Bone Spring SS  
 County: Eddy / NM  
 Surface: 250' FSL & 2185' FWL 22-265-29E  
 PBHL: 230' FNL & 2185' FWL 22-265-29E  
 GL: 2,880'

Drilling Engineer: Preston Wray  
 Drilling Manager: Joel Acosta  
 Completions: Jay Brenner  
 Geology: Jeanne Allen  
 Production: Paul Munding  
 API: 30-015-42270



Wellhead Equipment	
Tubing Head	11" 5M x 7-16" 10M
DSA	13 5/8" 5M x 11" 5M
A-Section	13 3/8" 5M x 13 5/8" 5M

Tubular Detail					
String	Size	Wt	Grade	Conn	From To
Surface	13 3/8"	54.5#	J-55	ST&C	0' 375'
Intermediate	9 5/8"	40#	J-55	LT&C	0' 2,856'
Production	5 1/2"	17#	HCP-110	BT&C	0' 13163'

Directional Program	
Neg VS:	None
KOP:	8,006' MD / 8,006' TVD
Build:	10°/100' DLS @ 359.37° Az to 45° Inc
Tangent:	Hold 100' Tang @ 45° Inc & 359.37° Az
Build:	10°/100' DLS @ 359.37° Az to 91.39° Inc
Azimuth:	359.37°
EOC:	9,006' MD, 8,650' TVD
Hold:	91.39° @ 359.37°
TD:	13,163' MD / 8,599' TVD
TD (X&Y):	N-S: 4,800', E-W: -52.7'
TD (VS):	4,800'
Inc:	91.39

**NOTES**

\* This will be a 2nd Bone Spring SS Test. The vertical portion of the well will be conventional and directional tools will NOT be utilized. Upon reaching KOP, a gyro will be run, then OH logs once out of the hole, unless instructed otherwise by geology. Heavy losses have been known to occur in the Delaware in this area, be prepared to mud up and carry LCM in your system, if heavy losses are encountered. If losses cannot be managed, we can discuss running 7" intermediate at KOP. As always practice safe/sound drilling practices. Let the hole dictate your mud weights, and utilize proper hole cleaning methods. Begin to carry mud properties at KOP, MW: 8.8-9.2, Vis 33-35, WL: 8-10. As always notify proper regulatory body prior to spud.

Total Measured Depth: 13,163' MD  
 True Vertical Depth: 8,599' TVD

Engineer	Date	Cementing	Logging Company	Mud Loggers	Mud Company	Directional
Preston Wray	6/16/2015	Par-Five	TBA	Toledo	NAFTA	Ranger
		(575) 748-8610	N/A	(866) 463-5600	(405) 834-9675	(405) 517-5585
(405) 435-0089	6/16/2015	Superintendents	Closed Loop System	Wellhead Company	Casing	Regulatory
		Chuck McDougal	Basic	Cactus	(send email request)	BLM
		Frank Collins	-	(405) 445-2222	-	(575) 361-2822