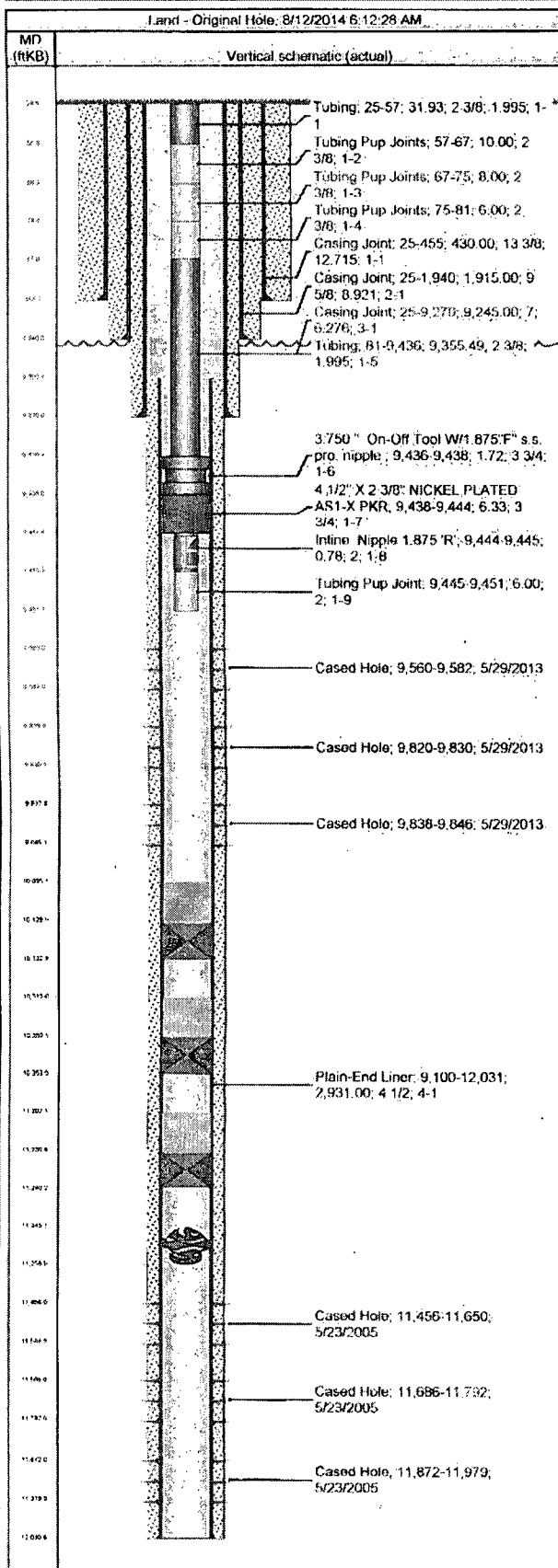


30-015-33968



Wellbore Schematic

Well Name ESPERANZA '13' 002	Lease Esperanza	Field Name Carlsbad	Business Unit Mid-Continent
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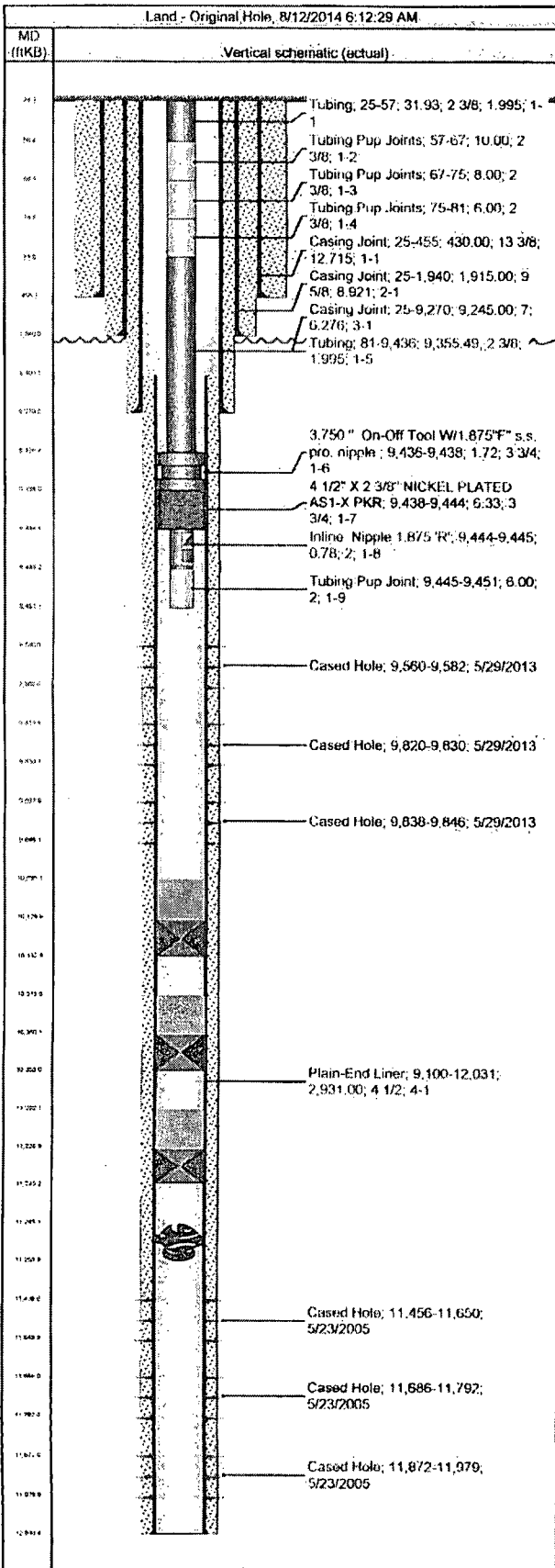


Job Details							
Job Category				Start Date		Release Date	
Major Rig Work Over (MRWO)				5/13/2013		6/14/2013	
Casing Strings							
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftKB)		
Surface	13 3/8	48.00	H-40		455		
Intermediate Casing 1	9 5/8	36.00	J-55		1,940		
Production Casing	7	26.00	P-110		9,270		
Production Liner 1	4 1/2	11.60	P-110		12,031		
Tubing Strings							
Tubing - Production set at 9,451.2ftKB on 6/1/2013 08:30							
Tubing Description			Run Date	String Length (ft)		Set Depth (MD) (ftKB)	
Tubing - Production			6/1/2013	9,426.25		9,451.2	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)	
Tubing	1	2 3/8	4.70	L-80	31.93	56.9	
Tubing Pup Joints	4	2 3/8			10.00	66.9	
Tubing Pup Joints	4	2 3/8			8.00	74.9	
Tubing Pup Joints	4	2 3/8			6.00	80.9	
Tubing	293	2 3/8	4.70	L-80	9,355.49	9,436.4	
3.750 " On-Off Tool W/1.875"F" s.s. pro. nipple	1	3 3/4			1.72	9,438.1	
4 1/2" X 2 3/8" NICKEL PLATED AS1-X PKR	1	3 3/4			6.33	9,444.4	
Inline Nipple 1.875 'R'	1	2			0.78	9,445.2	
Tubing Pup Joint	1	2			6.00	9,451.2	
Perforations							
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion		
5/29/2013	9,560.0	9,582.0	3.0	44	<zonename>, Original Hole		
5/29/2013	9,820.0	9,830.0	3.0	30	<zonename>, Original Hole		
5/29/2013	9,838.0	9,846.0	3.0	24	<zonename>, Original Hole		
5/23/2005	11,456.0	11,650.0			<zonename>, Original Hole		
5/23/2005	11,686.0	11,792.0			<zonename>, Original Hole		
5/23/2005	11,872.0	11,979.0			<zonename>, Original Hole		
Other Strings							
Run Date	Pull Date	Set Depth (ftKB)	Com				
Other In Hole							
Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	Com		
Packer	9,437.0	9,443.0	5/31/2013				
BAD SPOT IN CSG	9,454.0	9,454.0	5/31/2013		WHILE RIH W/ PKR WE GOT STUCK TEMPORARILY AT THIS DEPTH.		
Cement	10,095.0	10,130.0	5/23/2013				
Bridge Plug (Permanent)	10,130.0	10,133.0	5/23/2013				
Cement	10,315.0	10,350.0	5/23/2013				
Bridge Plug (Permanent)	10,350.0	10,353.0	5/23/2013				
Cement	11,202.0	11,237.0	5/22/2013				
Bridge Plug (Permanent)	11,237.0	11,240.0	5/22/2013				



Wellbore Schematic

Well Name ESPERANZA '13' 002	Lease Esperanza	Field Name Carlsbad	Business Unit Mid-Continent
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Other In Hole					
Des	Top (ftKB)	Botm (ftKB)	Run Date	Pull Date	Com
Fish	11,245.0	11,259.0	5/17/2005		48' (1 1/2 jts) of 2 7/8" tbg, 4 1/2" pkr and an 8' x 2 3/8" sub. 2 7/8" tbg on top of pkr was Chemical cut.