

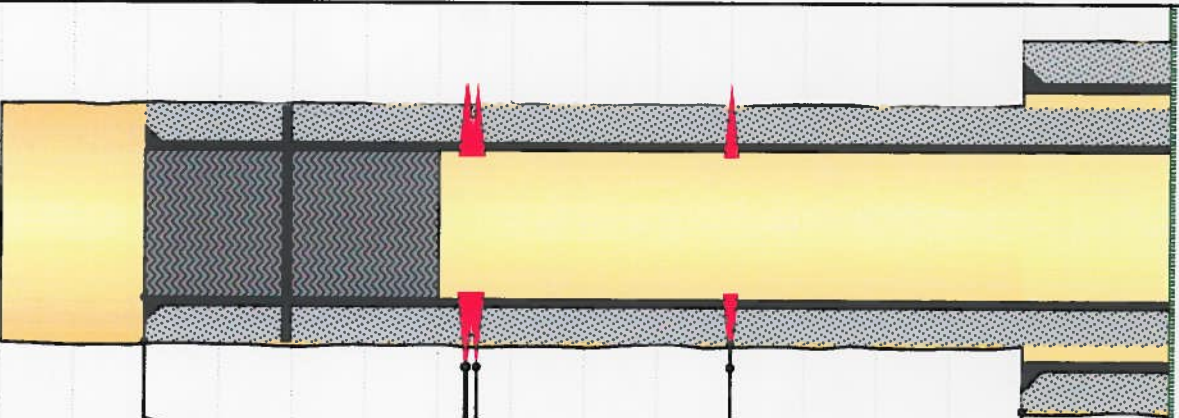
AP/UWI 05-071-07767-0000	Field Name RATON-SANGRE DE CRISTO	QTR/QTR NENW	Section 5	Township 32S	Range 67W
Spud Date 11/12/2003	Original KB Elevation (ft) 8,114.00	Ground Elevation (ft) 8,110.00	KB-Ground Distance (ft) 4.00	Total Depth (ftKB) 3,600.0	
Wellbore Name Original Hole		Date		Depth (ftKB) 3,600.0	

MD (ftKB)

VERTICAL - Original Hole, 4/29/2013 11:04:10 AM

Vertical schematic (actual)

-92.6
0.0
459.0
918.0
979.0
1,040.0
1,830.5
2,621.1
2,623.0
2,625.0
3,040.0
3,455.1
3,587.9
3,588.9
3,589.9
3,595.0
3,600.1
3,690.2



Description:surface: Depth (MD):0.0-918.0; Date:1/18/2003

SQUEEZE: 2,620.0-2,621.0; 12/2/2003
Description:Remedial cement; Depth (MD):1,040.0-2,621.0; Date:12/4/2003

Part: 3,238.0-3,242.0; 12/18/2003
Part: 3,292.0-3,295.0; 12/15/2003
Part: 3,301.0-3,307.0; 12/15/2003

Description:remedial cement: Depth (MD):0.0-3,590.0; Date:12/6/2003
Description:Auto cement plug: Depth (MD):3,455.0-3,590.0; Date:11/21/2003
Description:P-Production crnt: Depth (MD):2,625.0-3,590.0; Date:11/21/2003