Current Schematic ConocoPhillips Well Name: HOWELL C #3 API / UWI Well Configuration Type Surface Legal Location Field Name License No. State/Province 007-030N-008W-B **NEW MEXICO** 3004512139 BLANCO MESAVERDE (PRORAT #0... KB-Ground Distance (ft) Original KB/RT Elevation (ft) KB-Casing Flange Distance (ft) KB-Tubing Hanger Distance (ft) Ground Elevation (ft) 6.039.00 6.049.00 10.00 Sidetrack 1, 6/8/2017 8:09:31 AM MD Formation TVD (ftKB) (ftKB) Tops Vertical schematic (actual) 1; Surface; 9 5/8 in; 8.921 in; 10.0 ftKB; No Tally - Adjusted from 13 ftKB 9.8 to a 10 ftKB to match production casing.; 282.0 ftKB Surface Casing Cement; 10.0-282.0; 7/27/1951; 150 sacks of cement; 282.2 circulated to surface. Production Casing Squeeze; 1,049.0-1.048.9 1,715.0; 6/9/1967; Squeezed intermediate casing through 2 perfs at Ojo Alamo 1715' with 125 sacks of Class A; TOC @ 1049' per 75% efficiency Kirtland 1,714.9 calculation. 2,180,1 Fruitland Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 10.0 ftKB; 5,090.9 ftKB 2.838.9 Pictured Cliffs 2,899.9 Upper Lewis 3,160.1 2; Intermediate; 6 5/8 in; 6.049 in; 10.0 ftKB; Adjusted from 13 ftKB to a 3,688.0 Lower Lewis 10 ftKB to match production casing.; 4,497.0 ftKB 4,496.1 Intermediate Casing Cement; 3,160.0-4,497.0; 8/15/1951; 300 sacks of 4.497.0 regular cement; TOC @ 3160' (TS 8/15/51). 4,509.8 4,606.0 Hydraulic Fracture; 6/14/1967; Frac'd Meneffe with 527 bbls of water and Menefee; 4,606.0-4,698.0; 6/14/1967 22.000# of 20/40 sand. 4.698.2 5,070.9 Seating Nipple; 2 3/8 in; 4.70 lb/ft; J-55; 5,090.9 ftKB; 5,091.6 ftKB Tubing; 2 3/8 in; 4.70 lb/ft; J-55: 5,091.5 5,091.6 ftKB; 5,123.5 ftKB Hydraulic Fracture: 6/14/1967; Frac'd Point Lookout; 5,071.0-5,176.0; Point Lookout with 1,088 bbls of water 5,123.4 6/14/1967 and 45,000# of 20/40 sand. 5,162.1 5,175.9 5,196.5 5,196.9 PBTD Sidetrack 1; 5,197.0 3; Production; 4 1/2 in; 4.052 in; 10.0 5,197.8 ftKB; 5,230.0 ftKB Auto cement plug; 5,197.0-5,231.0; 5,229.3

5.230.0

6/13/1967; Automatically created cement plug from the casing cement

because it had a tagged depth.
Production Casing Cement; 2,850.0-5,231.0; 6/13/1967; 95 sacks of Class A; TOC @ 2850' (TS 6/13/67).

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5,231.0