Current Schematic ConocoPhillips Well Name: SUNRAY H #1 Well Configuration Type Surface Legal Location ield Name License No. 011-030N-010W-B 3004509749 NEW MEXICO VERTICAL BLANCO MESAVERDE (PRORATED... KB-Ground Distance (ft) Ground Elevation (ft Original KB/RT Elevation (ft) KB-Casing Flange Distance (ft) KB-Tubing Hanger Distance (ft) 6 579 00 6.587.00 8.00 VERTICAL - Sidetrack, 7/3/2017 10:13:08 AM MD (ftKB) Vertical schematic (actual) **Formation Tops** 11.2 172 6 Surface Casing Cement; 11.0-174.0; 1; Surface; 9 5/8 in; 9.001 in; 11.1 ftKB; 173 9 3/9/1955; Cemented w/ 125 sks reg 174.0 ftKB cmt. Cement circulated to surface. 174.9 NACIMIENTO 5240 1 649 9 Cement Squeeze; 1,650.0-2,885.0; 10/26/1977; Isolated hole between OJO ALAMO 1,916.0 2853 & 2885 squeezed w/ 225 sks Class B w/ 2% CaCl2 disp@ 1/4 to 1/2 KIRTLAND 2.058.1 BPM w/ No Pressure overdisplaced FRUITLAND 2,721.1 cmt to resqueeze. Resqueeze w/ 200 sks Class B w/ 2% CaCl2. TOC@1650 Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 11.0 2,884.8 ftKB; 5,824.0 ftKB (Temp Survey 10/26/77) 3,180.1 OIL CONS. DIV DIST. 3 PICTURED C ... 3,266.1 3.800.9 Intermediate Casing Cement; 3,180.0-JUL 25 2017 4.200.1 4,840.0; 3/22/1955; Cemented w/ 250 sks reg & 250 sks poz, 250# flocele & CHACRA 4.298.9 4% gel. TOC@ 3180 (Temp. Survey 4.838.9 3/22/55) Hydraulic Fracture; 3/25/1955; Treated 2; Intermediate1; 7 in; 6.366 in; 11.0 4,839.9 w/ 13,000 gal #2 Diesel oil and ftKB; 4,840.0 ftKB 12,000# sand (Total Fluid Amount from 4 850 1 Treatment Report) 4,867.1 CLIFFHOUSE 4,898.9 MENEFEE 5.068.9 Hydraulic Fracture; 11/2/1977; Frac'd PERF - MESAVERDE; 4,867.0-5.080.1 w/ 205,296 Total Fluid (treated water) 5,465.0; 11/2/1977 & 100,000# 20/40 sand 5,464.9 5,499.0 PERF - MESAVERDE; 5,499.0-Hydraulic Fracture; 11/1/1977; Frac'd POINT LOOK... 5,507.9 5,874.0; 11/1/1977 w/ 196,350 Total Fluid (treated water) Seal Nipple; 2 3/8 in; 4.70 lb/ft; J-55; 5.824.1 & 95,000# 20/40 sand 5,824.0 ftKB; 5,825.0 ftKB 5.825.1 Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 5,825.0 ftKB; 5,855.0 ftKB MANCOS 5.854.0 Inline Expendable Check Valve; 2 3/8 5.855.0 in; 4.70 lb/ft; J-55; 5,855.0 ftKB; 5,856.0 ftKB 5,856.0 Notched collar; 2 3/8 in; 4.70 lb/ft; J-55; 5,856.0 ftKB; 5,857.0 ftKB 5,857.0 5.874.0 Auto cement plug; 5,960.0-5,977.2; PBTD Sidetrack: 5.950.0 5,950.1 10/31/1977; Automatically created Fill; 5,950.0-5,960.0cement plug from the casing cement 5,960.0 because it had a tagged depth. Production Casing Cement; 4,200.0-5.960.6 5,977.2; 10/31/1977; Cemented w/ 140 Drlg reports indicate sidetrack hole T.D. sks CI B w/ 4% gel, 1/4 cu.ft. fine 5,976.0 @ 5956. Depth of sidetrack hole is gilsonite. TOC@4200 (Temp. Survey estimated. 5,977.0 10/31/77) according to daily report. 3; Production1; 4 1/2 in; 4.052 in; 11.0 Sundry reports TOC @ 2350'. No TS ftKB; 5,977.2 ftKB 5.977.4 found in file. Page 1/1 Report Printed: 7/3/2017