Current Schematic ConocoPhillips Well Name: PIERCE FEDERAL A #2 Well Configuration Type VERTICAL Surface Legal Location 034-029N-010W-A API / UWI 3004507745 **NEW MEXICO** BASIN DAKOTA (PRORATED GAS) Ground Elevation (ft) Original KB/RT Elevation (ft ng Flange Distance (ft) KB-Tubing Hanger Distance (ft) 10.00 5,549.00 5.559.00 VERTICAL - Original Hole, 7/25/2017 7:01:40 AM Formation TVD (ftKB) (ftKB) Tops Vertical schematic (actual) 9.8 1; Surface; 10 3/4 in; 10.192 in; 10.0 ftKB: 199.0 ftKB 199.1 Surface Casing Cement; 10.0-200.0; 11/22/1961; CEMENT W/ 200 SXS & 200. 2% CACL. CIRCULATED TO SURFACE OJO ALAMO **KIRTLAND** 823.2 FRUITLAND Production Casing Cement; 10.0-1,926.0; 12/7/1961; TOC TO PICTURED ... 1.813.0 SURFACE BY CALCULATION USING 1000 CUFT & 75% 1,925.9 EFFICIENCY. CEMENT 2ND STAGE W/ 1000 CUFT (20% DICEL D. 2% 1,928.1 CACL & 6#/SX GILSONITE). STAGE **TOOL AT 1926'** 2,795.9 CHACRA 2,982.9 Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 10.0 OIL CONS. DIV DIST. 3 ftKB; 6,334.6 ftKB 3,433.1 **CLIFF HOUSE** 3,462.9 **MENEFEE** JUL 28 2017 POINT LOO ... 4,120.1 4,493.1 MANCOS **GALLUP GREENHORN** 6.115.2 6,174.9 **GRANEROS** TWO WELLS 6,235.9 Hydraulic Fracture; 12/14/1961; FRAC 6 237 9 W/ 50,000# 20/40, 10,000# 10/20 PERF - DAKOTA UPPER: 6.238.0-SAND & 1552 BBLS WATER 6,340.0; 12/14/1961 6,334.6 Pup Joint; 2 3/8 in; 6,334.6 ftKB; 6,337.0 ftKB 6,336.9 6,339.9 Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 6.337.0 ftKB; 6,368.4 ftKB 6.363.8 PERF - DAKOTA LOWER; 6,364.0-Seating Nipple; 2 3/8 in; 6,368.4 ftKB: 6,368.4 6,406.0; 12/14/1961 6,369.5 ftKB 2: Production1; 4 1/2 in; 4.052 in; 10.0 Sawtooth Collar: 2 3/8 in: 6.369.5 6,369.4 ftKB; 6,454.0 ftKB ftKB; 6,369.9 ftKB Auto cement plug; 6,426.0-6,480.0; Hydraulic Fracture; 12/14/1961; FRAC 12/7/1961; Automatically created W/ 21,000# 20/40 SAND & 528 BBLS cement plug from the casing cement WATER 6,405.8 because it had a tagged depth. Production Casing Cement; 2,983.0-PBTD; 6,426.0 6,425.9 6,480.0; 12/7/1961; TOC 2983' BY **CALCULATION USING 1.22** 6.453.1 CUFT/SX & 75% EFFICIENCY. 6,454.1 CEMENT 1ST STAGE W/ 200 SXS. 4% GEL, 50/50 POZ, 12-1/2#/SX GILSONITE FOLLOWED BY 225 SXS 6,480.0 50/50 POX, 2% GEL, 12-1/2#