ConocoPhillips Well Name: LUCERNE A #1

5.618.8

5.620.1

3: Production1: 4 1/2 in: 4.052 in:

10.0 ftKB; 5,620.0 ftKB

API / UWI 3004510875 Surface Legal Location 009-031N-010W-L eld Name Well Configuration Type NEW MEXICO BLANCO MV (PRO #0078 Ground Elevation (ft nal KB/RT Elevation (ft KB-Ground Dista ng Flange Distance (ft) B-Tubing Hanger Distance (ft) 6,133.00 6,143.00 10.00 6,143.00 6,143.00 Original Hole, 3/23/2016 3:03:05 PM MD (ftKB) Vertical schematic (actual) Formation Tops 9.8 172.9 Surface Casing Cement; 10.0-174.0; 1: Surface: 9 5/8 in: 9.001 in: 10.0 3/12/1954; CEMENT WITH 125 SX 173.9 ftKB; 174.0 ftKB CIRCULATED TO SURFACE 627.0 Remedial Cement Squeeze; 627.0-2.100.0; 3/16/1994; Cmt'd w/150 sks 1,399.9 Class B. Followed w/100 sks Class B. TOC @ 627' per 75% eff calc. 1,722.1 2.035.1 OJO ALAMO SQUEEZE PERFS; 2,100.0; Remedial Cement Squeeze; 1,722.0-2,100,1 3/16/1994 2,606.0; 3/15/1994; Located hole between 2542' - 2606', sqz'd w/150 KIRTLAND 2,171.9 sks Class B. TOC @ 1722' per 75% 2,481.0 eff calc. FRUITLAND 2,544.0 OIL CONS. DIV DIST. 3 2,549.9 2,606.0 Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 10.0 MAR 2 9 2016 ftKB; 5,422.1 ftKB 2.922.9 PICTURED CLIFFS 2,975.1 LEWIS 4,418.0 2; Intermediate1; 7 in; 6.366 in; 10.0 1976 33 ftKB: 4.586.0 ftKB 5 3672 4,560.0 1008 1 PERF CLIFFHOUSE; 4,418.0-6 19M 1998 22 4,869.0; 3/21/1994 4,585.0 Intermediate Casing Cement; 25 1000 1000 100 Hydraulic Fracture; 3/22/1994; FRAC 2,550.0-4,586.0; 3/31/1954; 4,586.0 CLIFFHOUSE WITH 274048 GAL 1898 300 700 CEMENT WITH 500 SX TOC WATER AND 196000# 20/40 13965 290 DETERMINED BY TEMP SURVEY 4.637.1 CLIFFHOUSE ARIZONA SAND 208 1925 PERF MENEFEE; 4,896.0-5,239.0; 4.753.0 1996 MENEFEE 3/21/1994 Hydraulic Fracture; 3/21/1994; FRAC 4,869.1 MENEFEE WITH 200000# 20/40 4.896.0 ARIZONA SAND AND 269916 GAL SLICKWATER 5,166.0 POINT LOOKOUT PERF POINT LOOKOUT; 5,253.0-5,566.0; 3/20/1994 5,238.8 Hydraulic Fracture; 3/21/1994; FRAC 5 253 0 POINT LOOKOUT WITH 90000# 20/40 ARIZONA SAND AND 3500 5.353.0 **BBLS SLICKWATER** F NIPPLE; 2 3/8 in; 5,422.1 ftKB; 5.421.9 5.422.8 ftKB Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 5,422.9 5,422.8 ftKB; 5,454.3 ftKB 5,454.4 EXPENDABLE CHECK; 2 3/8 in; 5,454.3 ftKB; 5,455.1 ftKB 5,455.1 5,565.9 5.575.1 PBTD: 5,575.0 Production Casing Cement; 1,400.0-5,620.0; 3/19/1994; CEM ENT WITH 5,579.1 192 SX TOC DETERMINED BY 5.579.7 TEMP SURVEY

Current Schematic

Auto cement plug; 5,575.0-5,620.0; 3/19/1994; Automatically created cement plug from the casing cement because it had a tagged depth.

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