## Schematic - Current ConocoPhillips **SAN JUAN 32-9 UNIT #3** Field Name State/Province County SAN JUAN BLANCO MV (PRO NORTH 3004511083 NEW MEXICO #0078 Original Spud Date Surface Legal Location East/West Distance (ft) East/West Reference North/South Distance (ft) North/South Reference 4/24/1953 001-031N-010W-A 820.00 FEL 1,190.00 FNL Original Hole, 3/31/2016 6:47:06 AM MD (ftKB) Vertical schematic (actual) Formation Tops Polished Rod w/Liner; 22.00 ft -5.9 Pony Rod; 2.00 ft 13.1 Surface Casing Cement; 13.0-230.0; 4/25/1953; Cemented with 115 sacks 16.1 of Ideal Regular cement; circulated to surface. Cement Squeeze; 13.0-823.0; 18.0 224.1 11/25/2003; Pkr @ 823', Squeezed 1: Surface: 10 3/4 in: 10.192 in: 13.0 wtih 500 sacks of Class 3 cement @ 225.1 ftKB; Adjusted casing set depth from a 1.7 bbl/m @ 570#. Pumped 1 bbls 15' KB to a 13' KB; 225.2 ftKB 230.0 displacemet, locked up @ 1450#. Reversed out. Load csg to 1200#. 299.9 held good. Sucker Rod; 2,000.00 ft 681.1 NACIMIENTO Cement Squeeze; 300.0-2,200.0; 823.2 4/15/1970: Perf'd 2 squeeze holes at SQUEEZE PERFS; 2,010.0; 2010' and cemented with 215 sacks of 2,009.8 4/15/1970 Class C. 4/16/1970 Re-squeezed wtih 2.018.0 125 sacks of Class C. TOC @ 300' to 2200' by CBL 10/28/1996. 2,200.1 Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 13.0 2.785.1 ftKB; 6,096.2 ftKB KIRTLAND PERF - PICTURED CLIFFS: 3.545.0-3,107.0 FRUITLAND Guided Rod; 2,900.00 ft 3,599.0; 10/30/1996 3,500.0 Cement Squeeze; 3,500.0-3,619.0; Hydraulic Fracture; 10/27/1996; 10/28/1996; Perf'd 2 squeeze holes at Fractured with 87,000# 20/40 Arizona 3.544.9 PICTURED CLIFFS sand with 405 bbls of 30# Linear gel 3600' and cemented with 500 sacks of cement. TOC @ 3500' by CBL and 422,500 scf N2 sa 70Q foam. 3,599.1 10/29/1996. SQUEEZE PERFS: 3,600.0; 3,600.1 OIL CONS. DIV DIST. 3 10/27/1996 3,610.9 3,618.8 APR 0 1 2016 3.619.1 3,651.9 LEWIS 4,202.1 HUERFANITO BE ... 4,401.9 CHACRA Sucker Rod; 825.00 ft 4,918.3 Intermediate Casing Cement; 3,611.0-4,919.9 5,260.0; 5/14/1953; Cemented with 2; Intermediate; 7 in; 6.336 in; 13.0 210 sacks of cement, TOC @ 3611' 5,258.9 ftKB; 5,260.0 ftKB with 75% eff. calc. 5,259.8 3; Liner; 4 1/2 in; 4.052 in; 3,618.9 Production Casing Cement; 4,920.0-6.254.0; 4/20/1970; Cemented with ftKB; 6,251.0 ftKB 5,270.0 Whipstock; 5,270.0-5,272.0 125 sacks of cement. TOC @ 4920' 5,272.0 by TS. 5,359.9 Cement Plug; 5,272.0-5,399.0; 4/14/1970; Cemented with 100 sacks CLIFF HOUSE 5,398.9 of Class C, followed with 50 sacks of Fish; 5,360.0-5,943.0; Stuck tubing Class C. 5,743.1 POINT LOOKOUT 5,913.1 PBTD Original Hole; 5,913.0 5,942.9 6.004.9

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6,096.1 6,216.9

6,253.9

MANCOS

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125 sacks of cement. TOC @ 4920'

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Cement Plug; 6,214.0-6,254.0;

by TS.

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4/20/1970; PBTD

6,250.3

6,253.9

3; Liner; 4 1/2 in; 4.052 in; 3,618.9

ftKB; 6,251.0 ftKB