# Current Schematic

ConocoPhillips

**Well Name: SAN JUAN 27-5 UNIT #57**

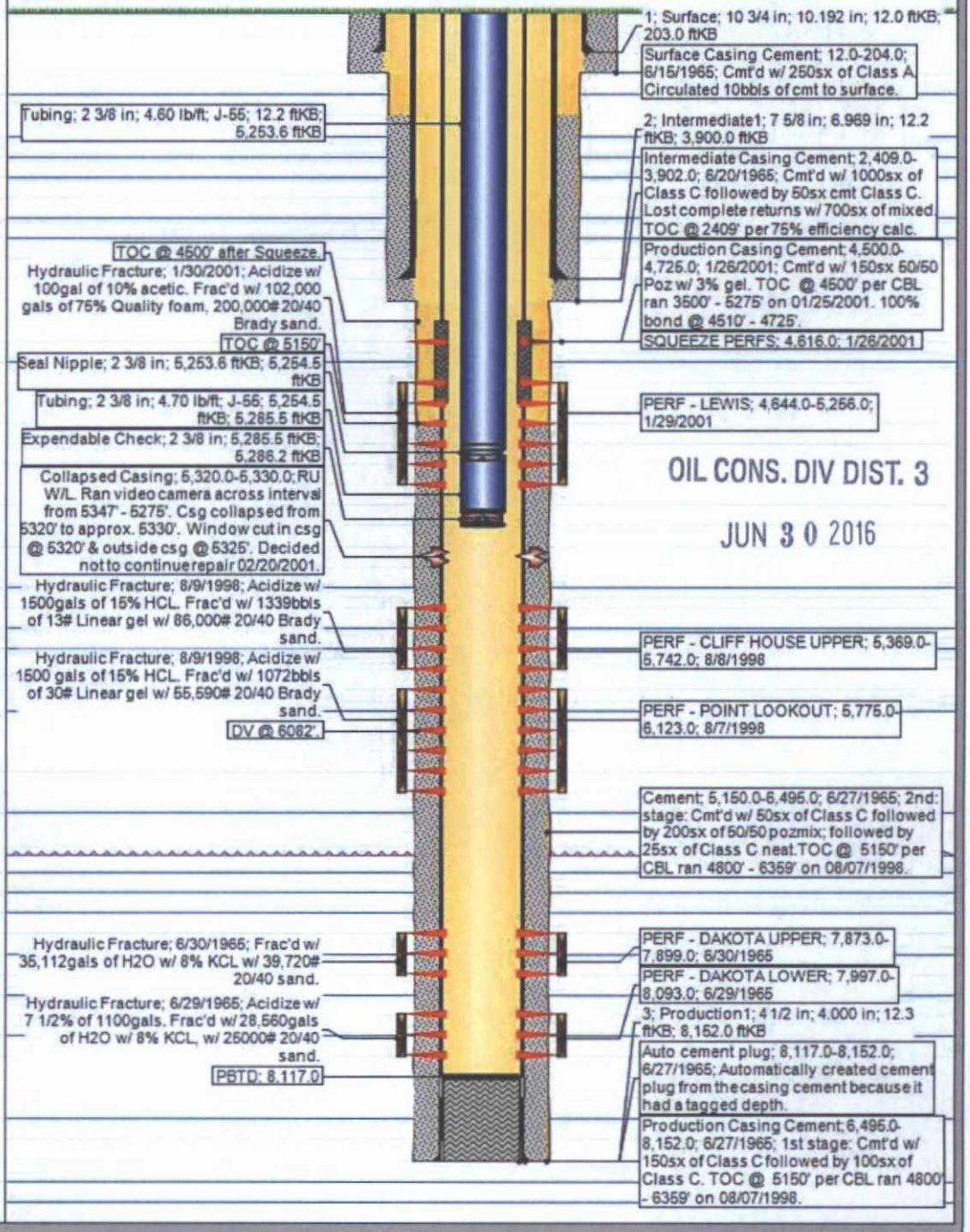
| API / UWI | Surface Legal Location | Field Name | License No. | State/Province | Well Configuration Type |
|---|---|---|---|---|---|
| 3003907082 | 013-027N-005W-F | BLANCO MESAVERDE (PRORAT AC... | | NEW MEXICO | VERTICAL |

| Ground Elevation (ft) | Original KB/RT Elevation (ft) | KB-Ground Distance (ft) | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) |
|---|---|---|---|---|
| 6,838.00 | 6,848.00 | 10.00 | 6,848.00 | 6,848.00 |

## VERTICAL - Original Hole, 6/28/2016 1:38:50 PM

| MD (ftKB) | Formation Tops |
|---|---|
| 12.1 | |
| 202.1 | |
| 203.1 | |
| 204.1 | |
| 1,814.0 | NACIMIENTO |
| 2,409.1 | |
| 3,101.0 | OJO ALAMO |
| 3,231.0 | KIRTLAND |
| 3,323.2 | FRUITLAND |
| 3,577.2 | |
| 3,701.1 | PICTURED C... |
| 3,795.9 | LEWIS |
| 3,899.0 | |
| 3,899.9 | |
| 3,901.9 | |
| 4,500.0 | |
| 4,616.1 | |
| 4,641.1 | CHACRA |
| 4,644.0 | |
| 4,705.1 | |
| 5,145.9 | |
| 5,253.6 | |
| 5,254.5 | |
| 5,255.9 | |
| 5,286.4 | |
| 5,286.1 | |
| 5,319.9 | |
| 5,330.1 | |
| 5,349.1 | CLIFF HOUSE |
| 5,369.1 | |
| 5,463.1 | MESAVERDE |
| 5,530.8 | MENEFEE |
| 5,742.1 | |
| 5,774.9 | |
| 5,856.0 | POINT LOOK... |
| 6,082.0 | |
| 6,082.3 | |
| 6,083.3 | |
| 6,123.0 | |
| 6,360.9 | MANCOS |
| 6,495.1 | |
| 6,521.2 | |
| 7,008.8 | GALLUP |
| 7,794.0 | GREENHORN |
| 7,848.1 | GRANEROS |
| 7,873.0 | |
| 7,878.0 | TWO WELLS |
| 7,899.0 | |
| 7,996.1 | CUBERO |
| 7,997.0 | |
| 8,038.1 | LOWER CUB... |
| 8,092.8 | |
| 8,117.1 | |
| 8,118.4 | |
| 8,122.0 | ENCINAL |
| 8,150.8 | |
| 8,151.9 | |
| 8,167.0 | BURRO CAN... |
| 8,176.8 | MORRISON |

### Vertical schematic (actual)



1; Surface; 10 3/4 in; 10.192 in; 12.0 ftKB; 203.0 ftKB

Surface Casing Cement; 12.0-204.0; 6/15/1965; Cmt'd w/ 250sx of Class A. Circulated 10bbls of cmt to surface.

Tubing; 2 3/8 in; 4.60 lb/ft; J-55; 12.2 ftKB; 5,253.6 ftKB

2; Intermediate1; 7 5/8 in; 6.969 in; 12.2 ftKB; 3,900.0 ftKB

Intermediate Casing Cement; 2,409.0-3,902.0; 6/20/1965; Cmt'd w/ 1000sx of Class C followed by 50sx cmt Class C. Lost complete returns w/ 700sx of mixed. TOC @ 2409' per 75% efficiency calc.

TOC @ 4500' after Squeeze.

Hydraulic Fracture; 1/30/2001; Acidize w/ 100gal of 10% acetic. Frac'd w/ 102,000 gals of 75% Quality foam, 200,000# 20/40 Brady sand.

Production Casing Cement; 4,500.0-4,725.0; 1/26/2001; Cmt'd w/ 150sx 50/50 Poz w/ 3% gel. TOC @ 4500' per CBL ran 3500' - 5275' on 01/25/2001. 100% bond @ 4510' - 4725'.

TOC @ 5150'

SQUEEZE PERFS; 4,616.0; 1/26/2001

Seal Nipple; 2 3/8 in; 5,253.6 ftKB; 5,254.5 ftKB

Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 5,254.5 ftKB; 5,285.5 ftKB

PERF - LEWIS; 4,644.0-5,256.0; 1/29/2001

Expendable Check; 2 3/8 in; 5,285.5 ftKB; 5,286.2 ftKB

Collapsed Casing; 5,320.0-5,330.0; RU W/L. Ran video camera across interval from 5347' - 5275'. Csg collapsed from 5320' to approx. 5330'. Window cut in csg @ 5320' & outside csg @ 5325'. Decided not to continue repair 02/20/2001.

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Hydraulic Fracture; 8/9/1998; Acidize w/ 1500gals of 15% HCL. Frac'd w/ 1339bbls of 13# Linear gel w/ 86,000# 20/40 Brady sand.

PERF - CLIFF HOUSE UPPER; 5,369.0-5,742.0; 8/8/1998

Hydraulic Fracture; 8/9/1998; Acidize w/ 1500 gals of 15% HCL. Frac'd w/ 1072bbls of 30# Linear gel w/ 55,590# 20/40 Brady sand.

PERF - POINT LOOKOUT; 5,775.0-6,123.0; 8/7/1998

DV @ 6082'.

Cement; 5,150.0-6,495.0; 6/27/1965; 2nd stage: Cmt'd w/ 50sx of Class C followed by 200sx of 50/50 pozmix; followed by 25sx of Class C neat. TOC @ 5150' per CBL ran 4800' - 6359' on 06/07/1998.

PERF - DAKOTA UPPER; 7,873.0-7,899.0; 6/30/1965

Hydraulic Fracture; 6/30/1965; Frac'd w/ 35,112gals of H2O w/ 8% KCL w/ 39,720# 20/40 sand.

PERF - DAKOTA LOWER; 7,997.0-8,093.0; 6/29/1965

Hydraulic Fracture; 6/29/1965; Acidize w/ 7 1/2% of 1100gals. Frac'd w/ 28,560gals of H2O w/ 8% KCL, w/ 25000# 20/40 sand.

3; Production1; 4 1/2 in; 4.000 in; 12.3 ftKB; 8,152.0 ftKB

PBTD: 8,117.0

Auto cement plug; 8,117.0-8,152.0; 6/27/1965; Automatically created cement plug from the casing cement because it had a tagged depth.

Production Casing Cement; 6,495.0-8,152.0; 6/27/1965; 1st stage: Cmt'd w/ 150sx of Class C followed by 100sx of Class C. TOC @ 5150' per CBL ran 4800' - 6359' on 08/07/1998.



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