

Schematic Regulatory
SAN JUAN 30-5 UNIT #94N

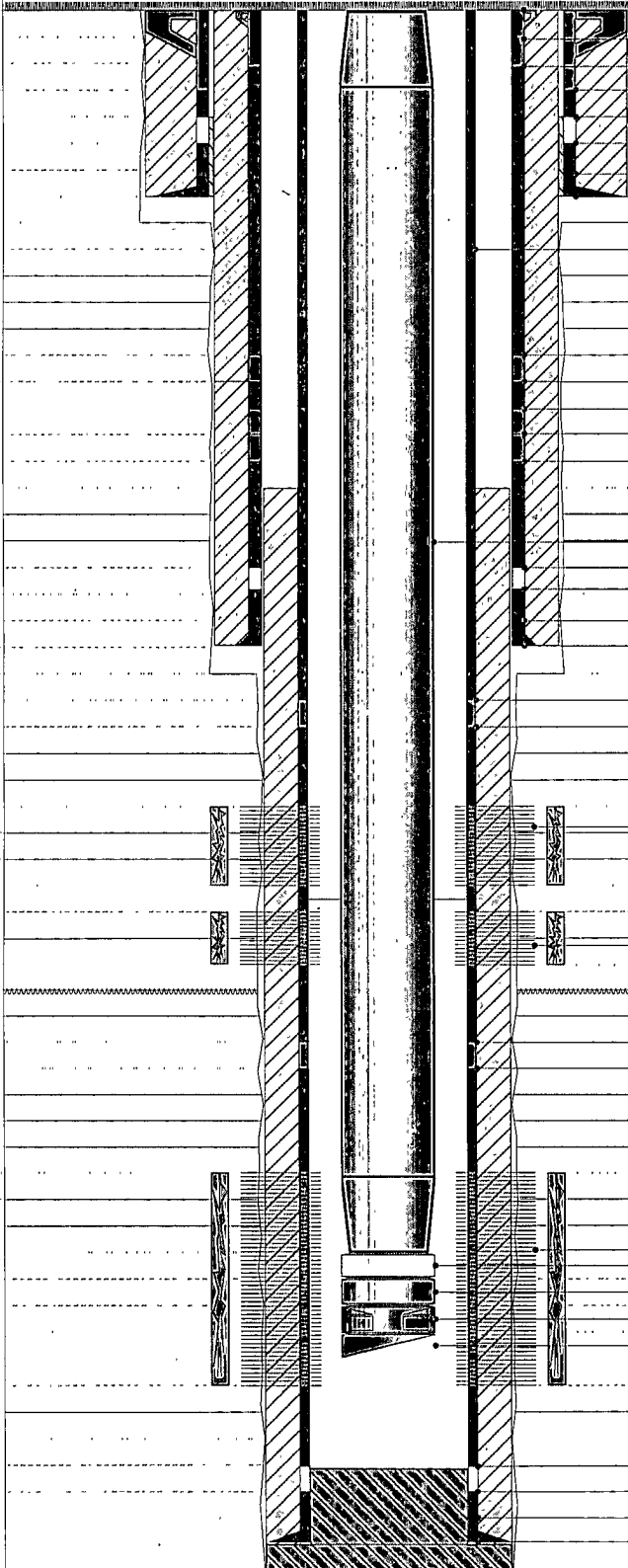
District NORTH	Field Name MV/DK COM	County RIO ARRIBA	State/Province NEW MEXICO	API / UWI 3003931017	
Original Spud Date 6/16/2011	Surface Legal Location 034-030N-005W-B	East/West Distance (ft) 2,312.00	East/West Reference FEL	North/South Distance (ft) 716.00	North/South Reference FNL

Well Config DEVIATED - Original Hole, 11/10/2011 8:59:48 AM

ftKB (MD)

Schematic - Actual

0
15
16
17
18
200
202
232
233
238
1,712
3,352
3,476
3,606
3,656
3,699
3,702
3,706
3,716
3,880
4,170
4,304
4,524
4,524
4,568
4,568
4,588
4,884
4,894
4,978
5,008
5,842
6,114
6,150
6,265
6,354
6,457
6,691
6,808
7,645
8,253
8,265
8,381
8,433
8,552
8,562
8,567
8,605
8,612
8,614
8,645
8,646
8,647
8,660
8,678
8,766
8,776
8,777
8,795
8,796
8,842



- 2-1, Casing Joints, 7, 6,366, 15
- 2-2, Casing Hanger, 7, 6,366, 15, 0.8
- 2-3, Casing Pup Joint, 7, 6,366, 16, 3.3
- 1-1, Casing Hanger, 9 5/8, 9,001, 15, 3.1
- 1-2, Casing Joints, 9 5/8, 9,001, 18, 182.3
- 1-3, Float Collar, 9 5/8, 9,001, 200, 1.5
- 1-4, Casing Joints, 9 5/8, 9,001, 202, 30.2
- 1-5, Sawtooth Collar, 9 5/8, 9,001, 232, 0.9
- 3-1, Casing Joints BTC, 4 1/2, 4,000, 15, 1,696.5
- 2-4, Casing Joints, 7, 6,366, 17, 3,638.9
- 2-5, Casing Joints, 7, 6,366, 3,656, 43.4
- 2-6, Stage Tool, 7, 6,366, 3,699, 2.5
- 2-7, Pup jt, 7, 6,366, 3,702, 4.0
- 2-8, ACP, 7, 6,366, 3,706, 10.0
- 1-1, Tubing, 2 3/8, 1,995, 15, 8,596.7
- 2-9, Casing Joints, 7, 6,366, 3,716, 807.7
- 2-10, Float Collar, 7, 6,366, 4,524, 0.6
- 2-11, Casing Joints, 7, 6,366, 4,524, 43.4
- 2-12, Shoe, 7, 6,366, 4,568, 0.7
- 3-2, Casing Joints, 4 1/2, 4,000, 1,711, 3,172.7
- 3-3, Marker Joint, 4 1/2, 4,000, 4,884, 10.0
- PERF - CLIFF HOUSE / MENESEE UPPER, 5,842-6,265, 8/29/2011
- PERF - POINT LOOKOUT, 6,354-6,691, 8/29/2011
- 3-4, Casing Joints, 4 1/2, 4,000, 4,894, 3,358.5
- 3-5, Marker Joint, 4 1/2, 4,000, 8,253, 12.8
- PERF - DAKOTA, 8,562-8,660, 8/25/2011
- 1-2, Pup Jt/ Marker, 2 3/8, 1,995, 8,612, 2.1
- 1-3, Tubing, 2 3/8, 1,995, 8,614, 31.2
- 1-4, F Nipple, 2 3/8, 1,780, 8,645, 0.8
- 1-5, Expendable Check, 2 3/8, 1,995, 8,646, 0.8
- 3-6, Casing Joints, 4 1/2, 4,000, 8,266, 510.4
- 3-7, Float Collar, 4 1/2, 4,000, 8,776, 0.7
- 3-8, Casing Joints, 4 1/2, 4,000, 8,777, 18.6
- 3-9, Float Shoe, 4 1/2, 4,000, 8,795, 0.6