

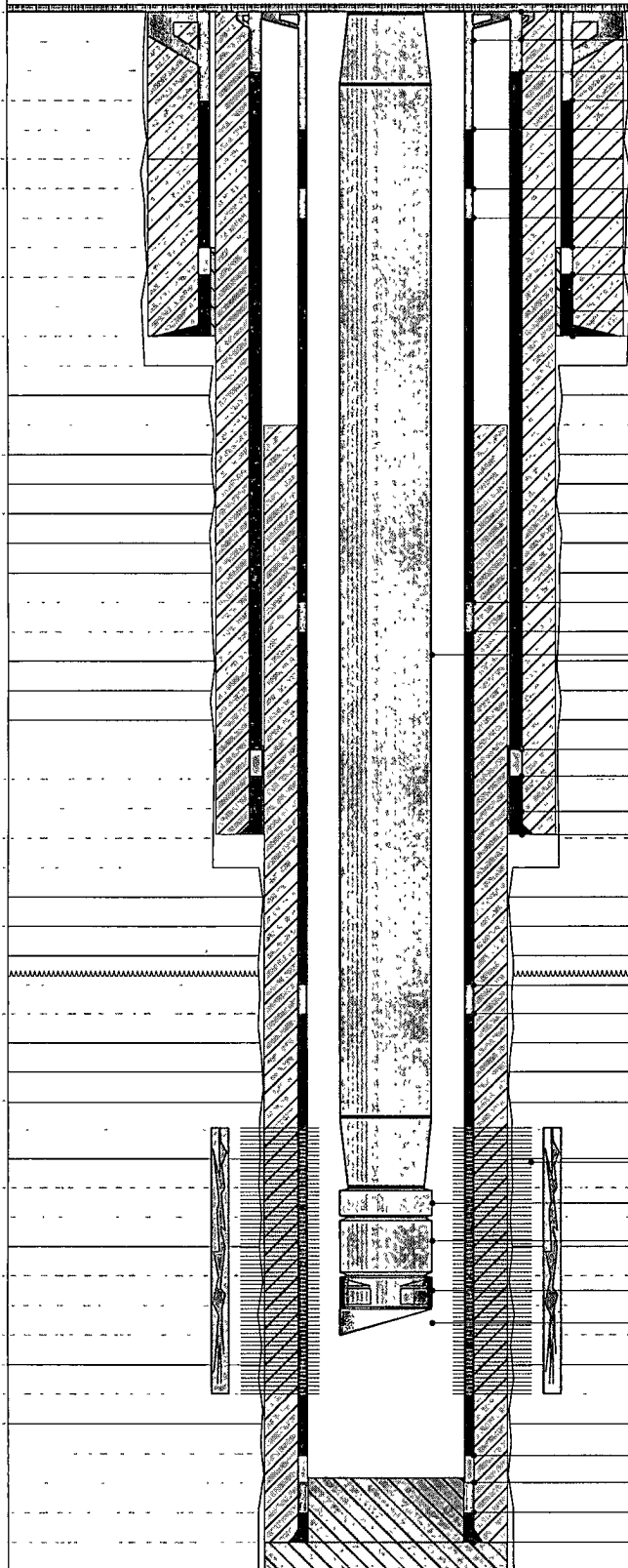
District SOUTH	Field Name BASIN DAKOTA	API / UWI 3003930951	County RIO ARRIBA	State/Province NEW MEXICO	
Original Spud Date 3/31/2011	Surface Legal Location 010-025N-006W-J	East/West Distance (ft) 1,495 00	East/West Reference FEL	North/South Distance (ft) 1,860 00	North/South Reference FSL

Well Config. DEVIATED - Original Hole, 7/25/2011 2:19:12 PM

ftKB (MD)

Schematic - Actual

15
16
17
18
26
30
68
72
201
203
233
234
239
2,282
2,338
2,424
2,621
2,847
3,004
3,259
3,269
3,283
3,743
4,521
4,537
4,705
4,706
4,748
4,749
4,757
5,169
5,628
6,170
6,989
7,003
7,059
7,123
7,176
7,178
7,261
7,272
7,274
7,293
7,305
7,306
7,307
7,319
7,347
7,363
7,387
7,388
7,406
7,406
7,414



- 2-1, Casing Joints, 7, 6 3/66, 15, 1.0
- 2-2, Casing Hanger, 7, 6 3/66, 15, 1.1
- 3-1, Casing Hanger, 4 1/2, 4 000, 15, 1.1
- 2-3, Casing Pup Joint, 7, 6 3/66, 16, 1.4
- 1-1, Casing Hanger, 9 5/8, 9 001, 15, 3-1
- 3-2, Casing Pup Joint, 4 1/2, 4 000, 16, 9.5
- 3-3, Casing Joints, 4 1/2, 4 000, 25, 42.2
- 3-4, Casing Pup Joint, 4 1/2, 4 000, 68, 4.5
- 1-2, Casing Joints, 9 5/8, 9 001, 18, 183.0
- 1-3, Float Collar, 9 5/8, 9 001, 201, 1.5
- 1-4, Casing Joints, 9 5/8, 9 001, 203, 30.5
- 1-5, Sawtooth Collar, 9 5/8, 9 001, 233, 0.9
- 3-5, Casing Joints, 4 1/2, 4 000, 72, 3,196.6
- 3-6, Marker Joint, 4 1/2, 4 000, 3,269, 14 1
- 1-1, Tubing, 2 3/8, 1,995, 15, 7,256.7
- 2-4, Casing Joints, 7, 6 3/66, 17, 4,687.9
- 2-5, Float Collar, 7, 6 3/66, 4,705, 0.7
- 2-6, Casing Joints, 7, 6 3/66, 4,706, 42.2
- 2-7, Float Shoe, 7, 6 3/66, 4,748, 1.0
- 3-7, Casing Joints, 4 1/2, 4 000, 3,283, 3,705.9
- 3-8, Marker Joint, 4 1/2, 4 000, 6,989, 14.4
- Perforated, 7,178-7,347, 5/13/2011
- 1-2, Tubing Pup Joint, 2 3/8, 1,995, 7,272, 2.0
- 1-3, Tubing, 2 3/8, 1,995, 7,274, 31.3
- 1-4, Profile Nipple, 2 3/8, 1,780, 7,305, 0.9
- 1-5, Mule Shoe/Exp. check, 2 3/8, 1,780, 7,306, 0.9
- 3-9, Casing Joints, 4 1/2, 4 000, 7,003, 384.3
- 3-10, Float Collar, 4 1/2, 4 000, 7,388, 0.6
- 3-11, Shoe Joint, 4 1/2, 4 000, 7,388, 17.6
- 3-12, Float Shoe, 4 1/2, 4 000, 7,406, 0.8

