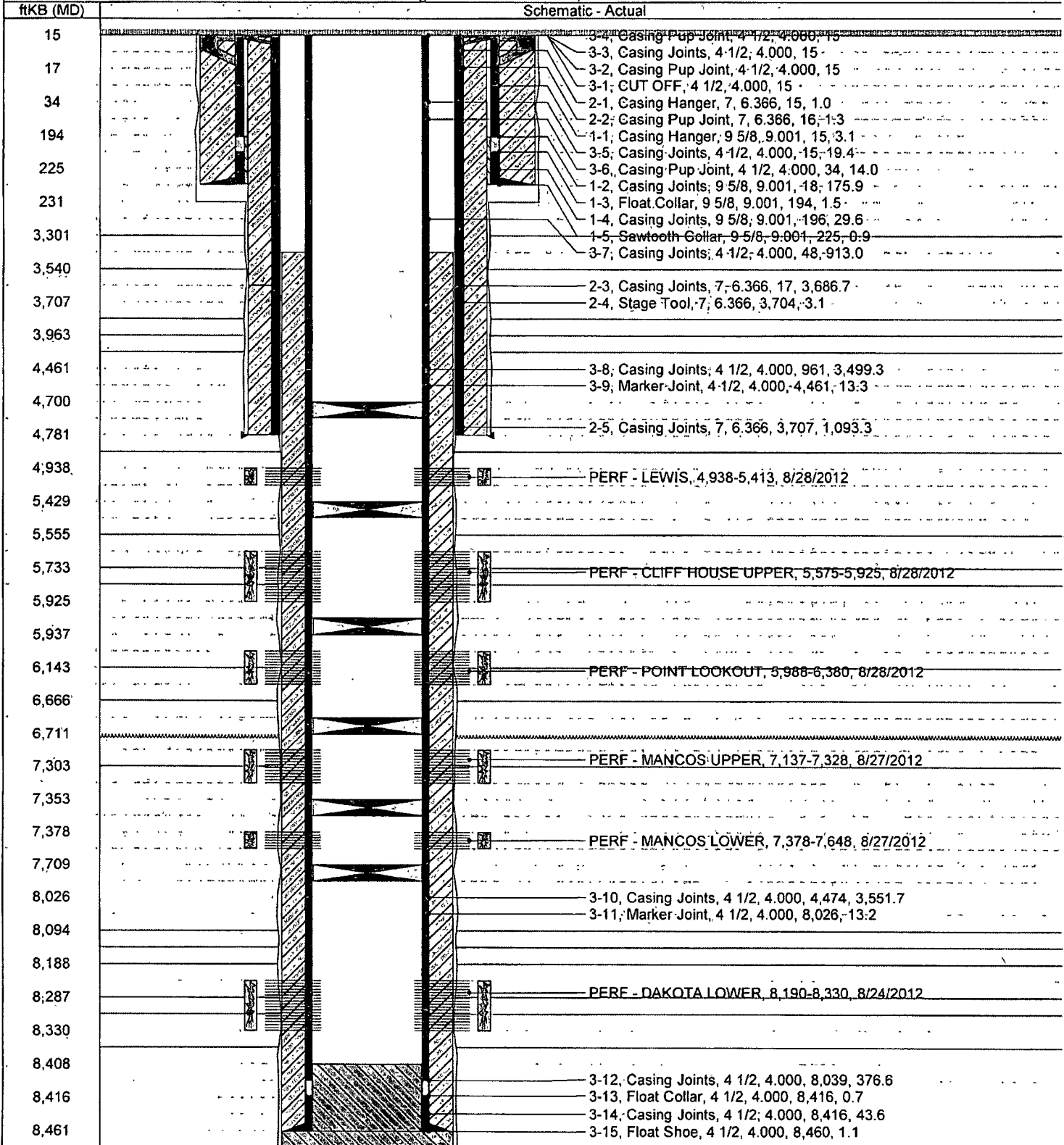


District SOUTH	Field Name MV/MNCS/DK	County RIO ARRIBA	State/Province NEW MEXICO	API / UWI 3003931105
Original Spud Date 6/26/2012	Surface Legal Location 021-027N-004W-K	East/West Distance (ft) 1,360.00	East/West Reference FWL	North/South Distance (ft) 1,791.00
				North/South Reference FSL

Well Config: DEVIATED - OH ST1, 9/5/2012 3:47:40 PM

Schematic - Actual



**INTEROFFICE MEMO**

**TO:** Records & Regulatory

**DATE:** 8/6/2012

**FROM:** Sharon Nez

**LOCATION:** Farmington, N M

**Final Geologic Summary**

Well Name & No.: San Juan 27-4 Unit 56N API: 3003931105

Location: SW Section 21 Twp. 27N Rge 04W

County & State: Rio Arriba, New Mexico

Elevation: GL 6799' KB 6814'

Tops From. X Wireline Log X Mudlog      Correlation

Ojo Alamo	<u>3301'</u>	Chacra	<u>4937'</u>	Greenhorn	<u>8094'</u>
Kirtland	<u>3540'</u>	Upper Cliff House	<u>5555'</u>	Graneros	<u>8160'</u>
Fruitland Coal	<u>3806'</u>	Massive Cliff House	<u>5733'</u>	Dakota (Two Wells)	<u>8188'</u>
Pictured Cliffs	<u>3963'</u>	Menefee	<u>5805'</u>	Paguate	<u>8287'</u>
Lewis	<u>4160'</u>	Point Lookout	<u>6143'</u>	Upper Cubero	<u>8314'</u>
Huerfanito Bentonite	<u>not present</u>	Mancos	<u>6666'</u>	Lower Cubero	<u>8356'</u>
		Upper Gallup	<u>7303'</u>	Oak Canyon	<u>nde</u>
				Encinal	<u>          </u>
				Burro Canyon	<u>          </u>
				Morrison	<u>          </u>
				OHTD	<u>8462'</u>
				LTD	<u>8408'</u>

Electric Logs Run. Cement Bond Log w/ Gamma Ray, VDL & Casing Collars

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Well Cored? X No      Yes

Well DST'd? X No      Yes

Geologist: Sharon Nez