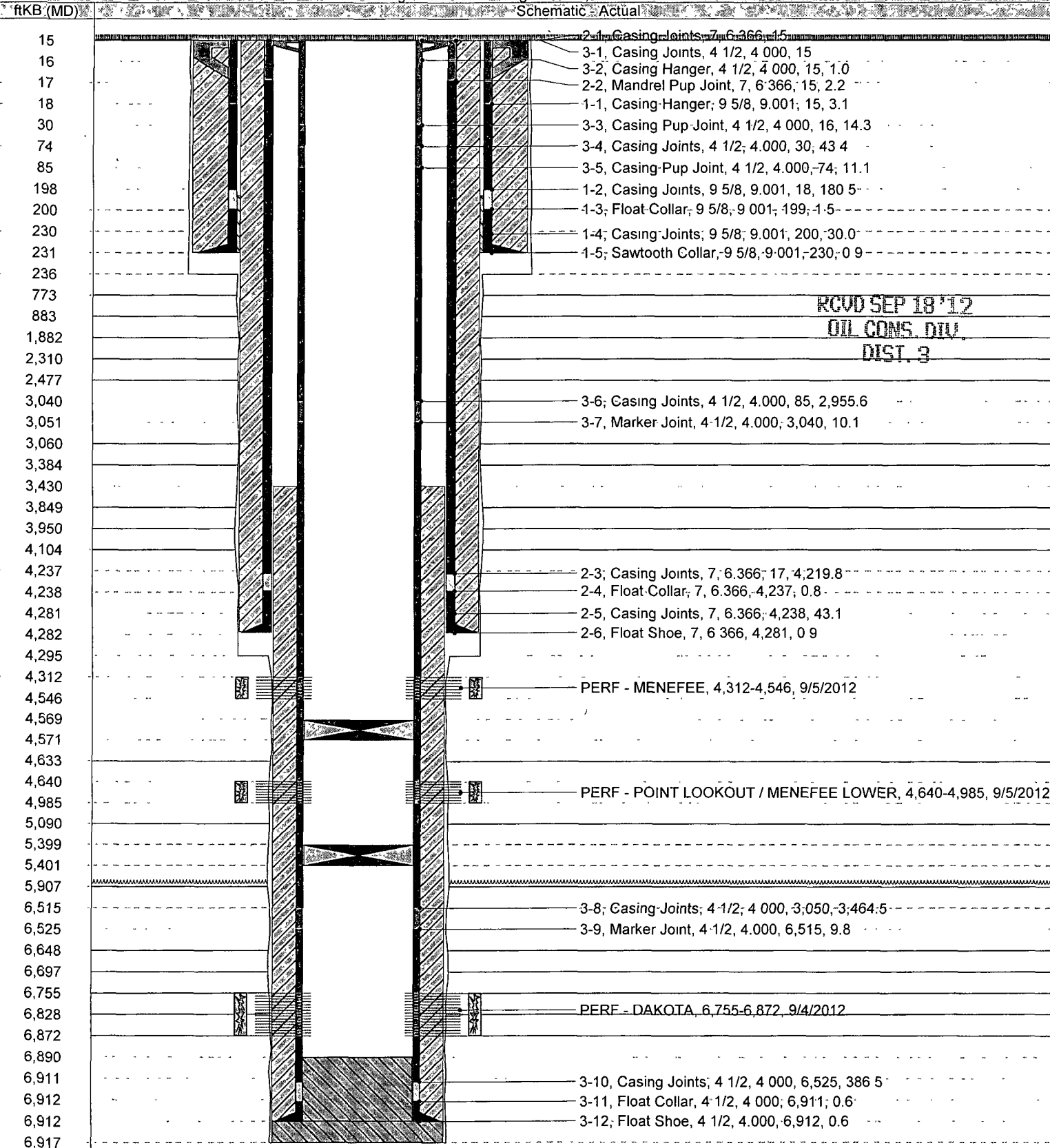


District NORTH	Field Name MV/DK COM	County SAN JUAN	State/Province NEW MEXICO	API / UWI 3004535364
Original Spud Date 7/27/2012	Surface Legal Location 032-031N-011W-D	East/West Distance (ft) 1,221.00	East/West Reference FWL	North/South Distance (ft) 721.00
				North/South Reference FNL

Well Config: VERTICAL Original Hole: 9/6/2012 2:38:12 PM



INTEROFFICE MEMO

TO: Records & Regulatory
FROM: Sharon Nez

DATE: 8/29/2012
LOCATION: Farmington, N M

Final Geologic Summary

Well Name & No Heaton LS 3M API: 3004535364

Location: NW Section 32 Twp. 031N Rge 011W

County & State: San Juan, New Mexico

Elevation: GL: 5822' KB 5837'

Tops From: X Wireline Log X Mudlog Correlation

Ojo Alamo <u>773'</u>	Chacra <u>3384'</u>	Greenhorn <u>6648'</u>
Kirtland <u>883'</u>	Upper Cliff House <u>3849'</u>	Graneros <u>6697'</u>
Fruitland <u>1882'</u>	Massive Cliff House <u>3950'</u>	Dakota (Two Wells) <u>6755'</u>
Pictured Cliffs <u>2310'</u>	Menefee <u>4104'</u>	Paguate <u>6828'</u>
Lewis <u>2477'</u>	Point Lookout <u>4633'</u>	Upper Cubero <u>6872'</u>
Huerfano Bentonite <u>3060'</u>	Mancos <u>5090'</u>	Lower Cubero <u>6872'</u>
	Upper Gallup <u>5907'</u>	Oak Canyon <u>n/a</u>
		Encinal <u>nde</u>
		Burro Canyon <u> </u>
		Morrison <u> </u>
		OHTD <u>6901'</u>
		LTD <u>6890'</u>

Electric Logs Run: Cement Bond Log w/ Map, Gamma Ray, Casing Collars
Reservoir Saturation Tool

Well Cored? X No Yes

Well DST'd? X No Yes

Geologist: Sharon Nez