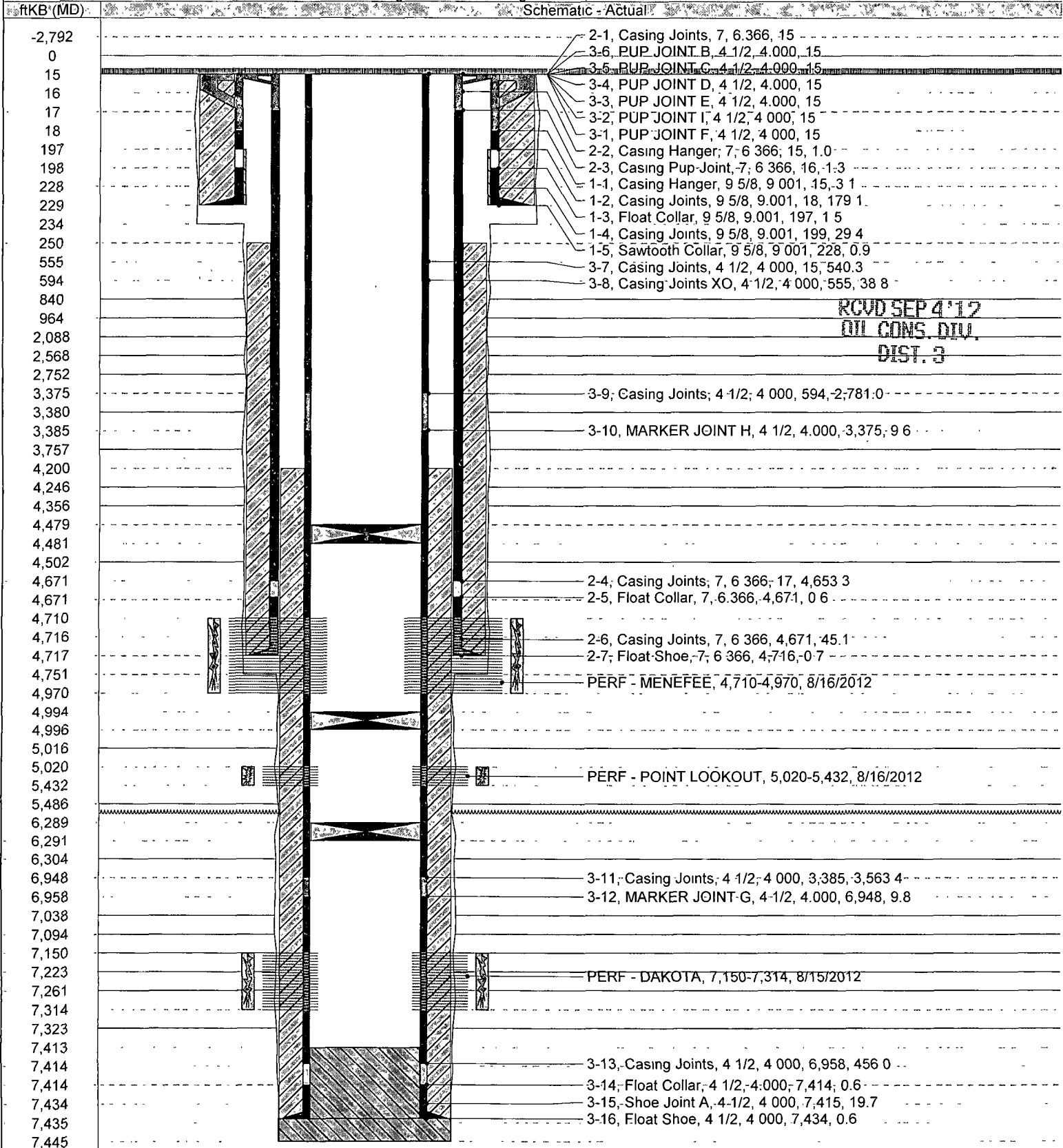




Schematic Regulatory HEATON LS #4M

District NORTH	Field Name MV/DK COM	County SAN JUAN	State/Province NEW MEXICO	API / UWI 3004535338	
Original Spud Date 6/28/2012	Surface Legal Location 032-031N-011W-B	East/West Distance (ft) 1,397.00	East/West Reference FEL	North/South Distance (ft) 579.00	North/South Reference FNL

Well Config: DEVIATED - Original Hole: 8/31/2012 12:01:19 PM



* Formation TOPS Attached

INTEROFFICE MEMO

TO: Records & Regulatory
FROM: Sharon Nez

DATE: 7/31/2012
LOCATION: Farmington, N M

Final Geologic Summary

Well Name & No.: Heaton LS 4M API. 3004535338

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

County & State. San Juan, New Mexico

Elevation: GL: 5894' KB: 5909'

Tops From. X Wireline Log X Mudlog Correlation

Ojo Alamo <u>840'</u>	Chacra <u>3757'</u>	Greenhorn <u>7038'</u>
Kirtland <u>964'</u>	Upper Cliff House <u>4246'</u>	Graneros <u>7094'</u>
Fruitland <u>2088'</u>	Massive Cliff House <u>4356'</u>	Dakota (Two Wells) <u>7150'</u>
Pictured Cliffs <u>2568'</u>	Menefee <u>4502'</u>	Paguate <u>7223'</u>
Lewis <u>2752'</u>	Point Lookout <u>5016'</u>	Upper Cubero <u>7261'</u>
Huerfanito Bentonite <u>3380'</u>	Mancos <u>5486'</u>	Lower Cubero <u>7261'</u>
	Upper Gallup <u>6304'</u>	Oak Canyon <u>n/a</u>
		Encinal <u>7323'</u>
		Burro Canyon <u>nde</u>
		Morrison <u> </u>
		OHTD <u>7445'</u>
		LTD <u>7390'</u>

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

Well Cored? X No Yes

Well DST'd? X No Yes

Geologist Sharon Nez