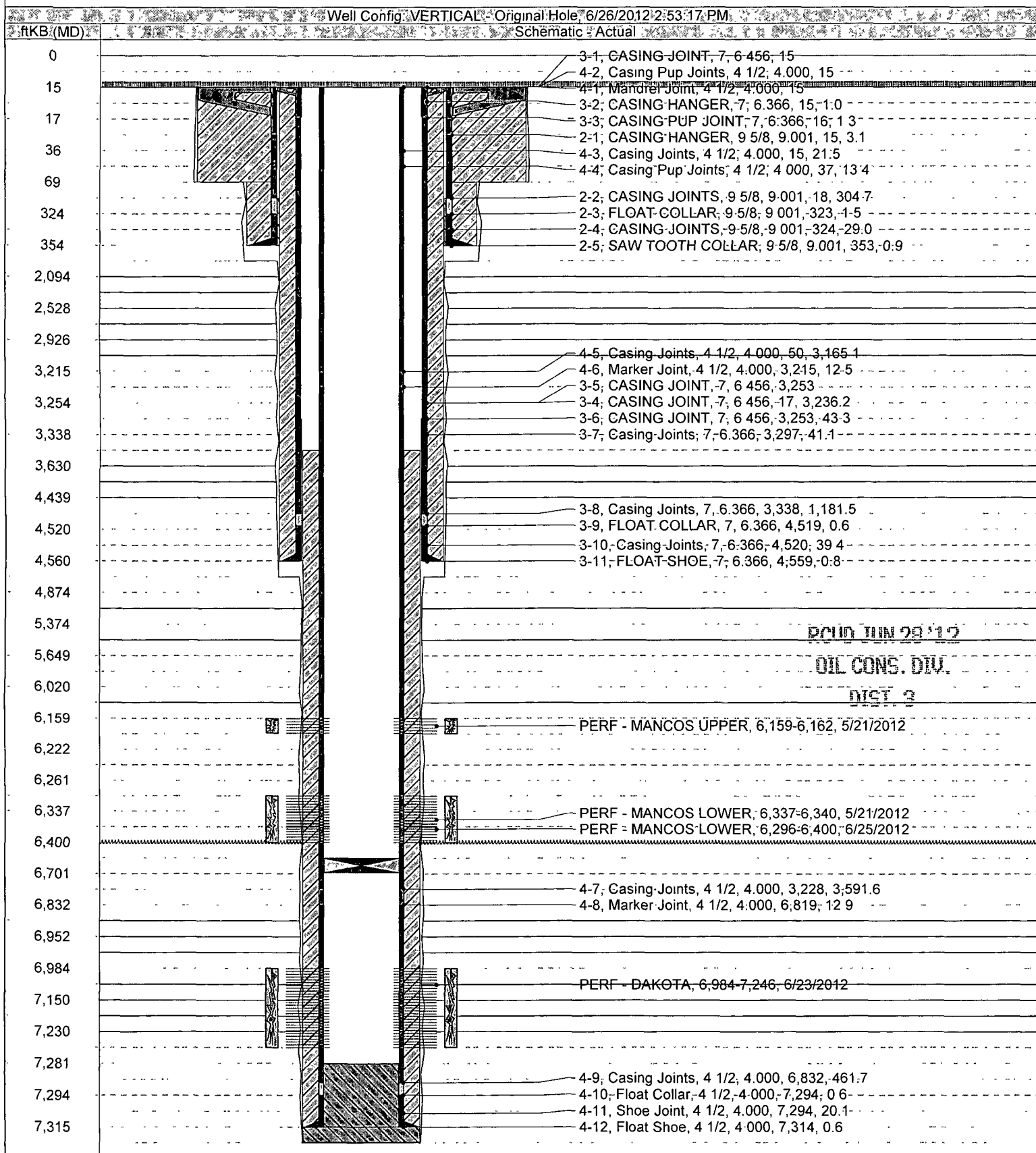


District SOUTH	Field Name MV/MNCS/DK	County RIO ARRIBA	State/Province NEW MEXICO	API / UWI 3003930673
Original Spud Date 4/9/2012	Surface Legal Location 023-026N-006W-1	East/West Distance (ft) 785.00	East/West Reference FEL	North/South Distance (ft) 2,445.00
				North/South Reference FSL



INTEROFFICE MEMO

TO: Records & Regulatory
FROM: Sharon Nez

DATE: 5/9/2012
LOCATION: Farmington, N M.

Final Geologic Summary

Well Name & No. Federal 11M API: 3003930673

Location: SE Section 23 Twp. 26N Rge. 06W

County & State: Rio Arriba, New Mexico

Elevation GL: 6405' KB: 6420'

Tops From: X Wireline Log Mudlog Correlation

Ojo Alamo	<u>2094'</u>	Chacra	<u>3630'</u>	Greenhorn	<u>6898'</u>
Kirtland	<u>2285'</u>	Upper Cliff House	<u>n/a</u>	Graneros	<u>6952'</u>
Fruitland	<u>2528'</u>	Massive Cliff House	<u>4404'</u>	Dakota (Two Wells)	<u>6980'</u>
Pictured Cliffs	<u>2750'</u>	Menefee	<u>4439'</u>	Paguate	<u>7079'</u>
Lewis	<u>2926'</u>	Point Lookout	<u>4980'</u>	Upper Cubero	<u>7114'</u>
Huerfano Bentonite	<u>3203'</u>	Mancos	<u>5432'</u>	Lower Cubero	<u>7150'</u>
		Upper Gallup	<u>6070'</u>	Oak Canyon	<u>7178'</u>
				Encinal	<u>7230'</u>
				Burro Canyon	<u>nde</u>
				Morrison	<u> </u>
				OHTD	<u>7318'</u>
				LTD	<u>7281'</u>

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

Well Cored? X No Yes

Well DST'd? X No Yes

Geologist. Sharon Nez