

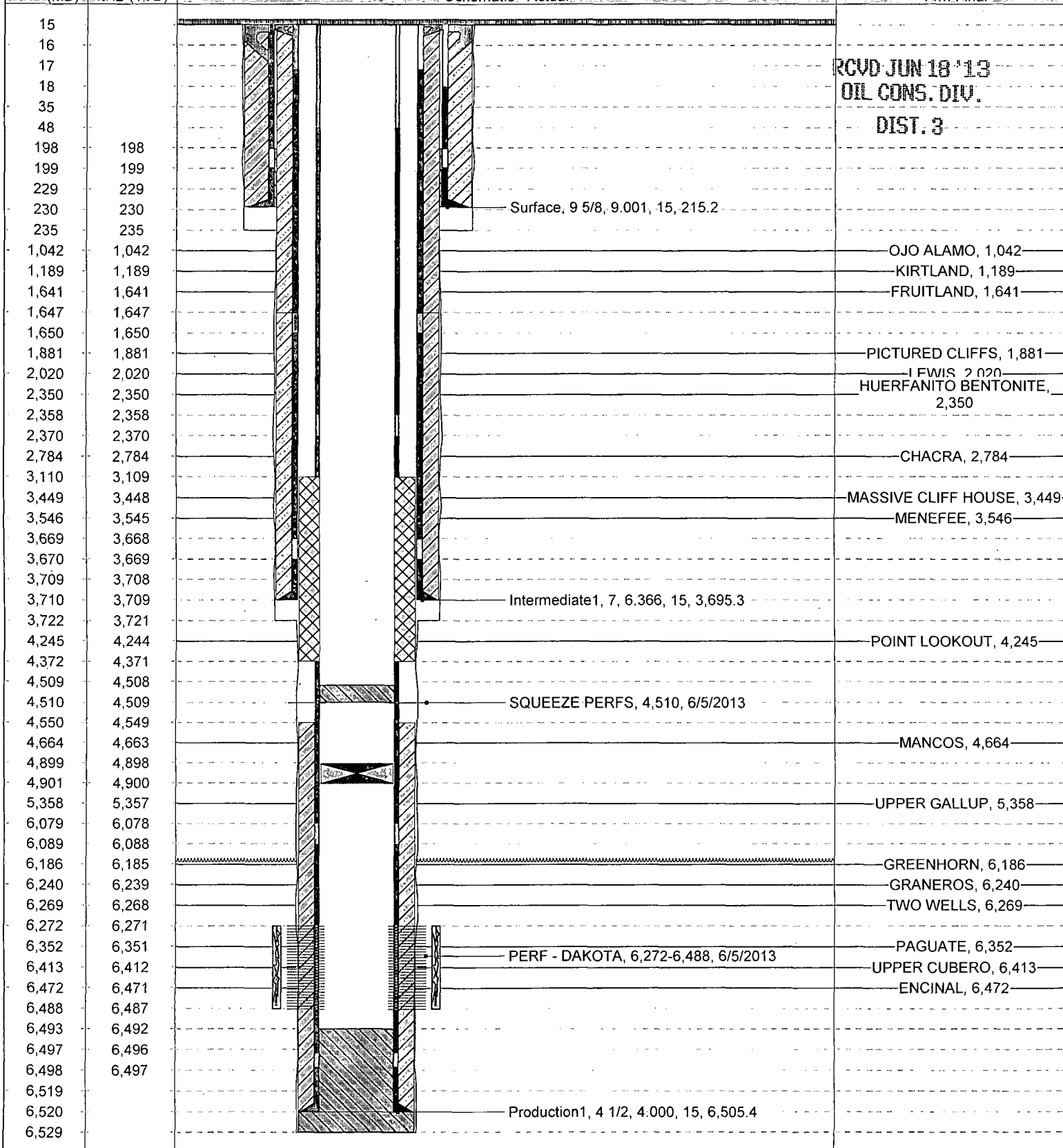


Schematic Regulatory

HUERFANITO UNIT #87N

District SOUTH	Field Name MV/DK COM	County SAN JUAN	State/Province NEW MEXICO	API / UWI 3004534872	
Original Spud Date 3/25/2013	Surface Legal Location 001-026N-009W-L	East/West Distance (ft) 382.00	East/West Reference FWL	North/South Distance (ft) 1,432.00	North/South Reference FSL

Well Config: VERTICAL - Original Hole, 6/17/2013 1:06:16 PM					
ftKB (MD)			ftKB (TVD)		
					Schematic - Actual
					Frm Final



INTEROFFICE MEMO

TO: Records & Regulatory

DATE: 5/6/2013

FROM: Sharon LeBeau

LOCATION: Farmington, N.M.

Final Geologic Summary

Well Name & No.: Huerfanito Unit 87N API: 3004534872

Location: SW Section 1 Twp. 26N Rge. 09W

County & State: San Juan, New Mexico

Elevation: GL: 6159' KB: 6174'

Tops From: X Wireline Log X Mudlog Correlation

Ojo Alamo	<u>1042'</u>	Chacra	<u>2784'</u>	Greenhorn	<u>6186'</u>
Kirtland	<u>1189'</u>	Upper Cliff House	<u>not present</u>	Graneros	<u>6240'</u>
Fruitland	<u>1641'</u>	Massive Cliff House	<u>3449'</u>	Dakota (Two Wells)	<u>6269'</u>
Pictured Cliffs	<u>1881'</u>	Menefee	<u>3546'</u>	Paguate	<u>6352'</u>
Lewis	<u>2020'</u>	Point Lookout	<u>4245'</u>	Cubero	<u>6413'</u>
Huerfanito Bentonite	<u>2350'</u>	Mancos	<u>4664'</u>	Encinal	<u>6472'</u>
		Upper Gallup	<u>5358'</u>	Burro Canyon	<u>nde</u>
				Morrison	<u> </u>

PBTD 6497'
LTD 6495'

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 LeBeau