

Schematic Regulatory

SAN JUAN 28-7 UNIT COM #298

District SOUTH	Field Name MV/DK COM	County RIO ARRIBA	State/Province NEW MEXICO	API / UWI 3003931093	
Original Spud Date 10/3/2012	Surface Legal Location 027-027N-007W-C	East/West Distance (ft) 1,821.00	East/West Reference FWL	North/South Distance (ft) 1,124.00	North/South Reference FNL

Well Config: DEVIATED - Original Hole, 2/12/2013 3:04:08 PM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
15			
15			
17			
18			
43			
48			
80			
317			
319			
349			
350		Surface, 9 5/8, 9,001, 15, 334.8	
355			
2,451	2,363		OJO ALAMO, 2,451
2,515	2,423		KIRTLAND, 2,515
3,038	2,920		FRUITLAND, 3,038
3,176	3,054		PICTURED CLIFFS, 3,176
3,332	3,208		LEWIS, 3,332
3,660	3,534		
3,670	3,544		
4,030	3,904		
4,085	3,959		CHACRA, 4,085
4,874	4,748		MASSIVE CLIFF HOUSE, 4,874
4,893	4,767		MENEFEE, 4,893
5,043	4,917		
5,044	4,918		
5,087	4,961		
5,088	4,962		
5,103	4,977	Intermediate1, 7, 6,366, 15, 5,072.9	
5,149			
5,151			
5,318			
5,441		PERF - POINT-LOOKOUT - MENEFEE LOWER, 5,318-5,794, 1/7/2013	POINT LOOKOUT, 5,441
5,794			
5,810			MANCOS, 5,810
6,600			UPPER GALLUP, 6,600
7,282			
7,293			
7,299			
7,301			
7,383			GREENHORN, 7,383
7,443			GRANEROS, 7,443
7,492			TWO WELLS, 7,492
7,568		PERF - DAKOTA, 7,492-7,660, 1/4/2013	PAGUATE, 7,568
7,604			UPPER CUBERO, 7,604
7,633			LOWER CUBERO, 7,633
7,660			
7,670			
7,717			
7,717			
7,737			
7,738		Production1, 4 1/2, 4,000, 15, 7,722.8	
7,739			

RCVD FEB 13 '13
OIL CONS. DIV.
DIST. 3

INTEROFFICE MEMO

TO: Records & Regulatory

DATE: 12/27/2012

FROM: Sharon LeBeau

LOCATION: Farmington, N.M.

Final Geologic Summary

Well Name & No.: San Juan 28-7 Unit Com 298 API: 3003931093

Location: NW Section 27 Twp. 27N Rge. 07W

County & State: Rio Arriba, New Mexico

Elevation: GL: 6690' KB: 6705'

Tops From: X Wireline Log X Mudlog Correlation

Ojo Alamo	<u>2451'</u>	Chacra	<u>4085'</u>	Greenhorn	<u>7383'</u>
Kirtland	<u>2515'</u>	Upper Cliff House	<u>n/a</u>	Graneros	<u>7443'</u>
Fruitland Coal	<u>3038'</u>	Massive Cliff House	<u>4874'</u>	Dakota (Two Wells)	<u>7492'</u>
Pictured Cliffs	<u>3176'</u>	Menefee	<u>4893'</u>	Paguate	<u>7568'</u>
Lewis	<u>3332'</u>	Point Lookout	<u>5441'</u>	Upper Cubero	<u>7604'</u>
Huerfanito Bentonite	<u>n/a</u>	Mancos	<u>5810'</u>	Lower Cubero	<u>7633'</u>
		Upper Gallup	<u>6600'</u>	Oak Canyon	<u>n/a</u>
				Encinal	<u>nde</u>
				Burro Canyon	<u> </u>
				Morrison	<u> </u>
				DTD	<u>7716'</u>
				LTD	<u>7670'</u>

Electric Logs Run: Acoustic Cement Bond Log

Well Cored? X No Yes

Well DST'd? X No Yes

Geologist: Sharon LeBeau