

District \ NORTH	Field Name MV/DK COM	County SAN JUAN	State/Province NEW MEXICO	API / UWI 3004535421
Original Spud Date 12/17/2012	Surface Legal Location 034-030N-010W-A	East/West Distance (ft) 742.00	East/West Reference FEL	North/South Distance (ft) 471.00
				North/South Reference FNL

Well Config: DEVIATED - Original Hole, 1/30/2013 8:56:18 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
15			
16			
18			
30			
198			
199			
230			
231		Surface, 9 5/8, 9.001, 15, 215.5	
235			
3,240	3,209		
3,309	3,277		
3,314	3,283		
4,259	4,227		
4,261	4,230		
4,367	4,336		
4,410	4,379		
4,411	4,380		
4,452	4,421		
4,453	4,421	Intermediate1, 7, 6.366, 15, 4,437.6	
4,473			
4,556		PERF - POINT LOOKOUT, 4,556-4,997, 1/23/2013	
4,997			
6,569			
6,571			
6,705			
6,715			
6,920		PERF - DAKOTA, 6,920-7,078, 1/21/2013	
7,078			
7,080			
7,091			
7,091			
7,092		Production1, 4 1/2, 4.000, 15, 7,077.0	
7,095			

OIL CONS. DIV. DIST. 3
JAN 31 2013

INTEROFFICE MEMO

TO: Records & Regulatory
FROM: David Greenwood

DATE: 1/9/2013
LOCATION: Farmington, N.M.

Final Geologic Summary

Well Name & No.: Grenier A 3N API: 3004535421

Location: SW Section 34 Twp. 30N Rge. 10W

County & State: _____

Elevation: GL: 6019' KB: 6034'

Tops From: X Wireline Log _____ Mudlog _____ Correlation _____

Ojo Alamo	<u>1270'</u>	Chacra	<u>3479'</u>	Greenhorn	<u>6820'</u>
Kirtland	<u>1360'</u>	Upper Cliff House	<u>4106'</u>	Graneros	<u>6863'</u>
Fruitland	<u>1916'</u>	Massive Cliff House	<u>4202'</u>	Dakota (Two Wells)	<u>6919'</u>
Pictured Cliffs	<u>2556</u>	Menefee	<u>4272'</u>	Paguate	<u>7001'</u>
Lewis	<u>2636</u>	Point Lookout	<u>4829'</u>	Cubero	<u>7052'</u>
Huerfano Bentonite	<u>n/a</u>	Mancos	<u>5216'</u>	Cubero	<u>n/a</u>
		Upper Gallup	<u>6052'</u>	Oak Canyon	<u>n/a</u>
				Encinal	<u>n/a</u>
				Burro Canyon	<u>nde</u>
				Morrison	_____
				DTD	<u>7095'</u>
				LTD	<u>7080'</u>

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

Well Cored? X No _____ Yes

Well DST'd? X No _____ Yes

Geologist: _____

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