

District NORTH	Field Name MV/DK COM	County SAN JUAN	State/Province NEW MEXICO	API / UWI 3004535085
Original Spud Date 11/1/2012	Surface Legal Location 015-032N-011W-J	East/West Distance (ft) 1,803.00	East/West Reference FEL	North/South Distance (ft) 1,607.00
				North/South Reference FSL

Well Config: DEVIATED - Original Hole, 2/7/2013 9:26:30 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
15			
18			
197			
198			
228			
229			
234			
803	800		
1,327	1,293		
1,392	1,351		
2,662	2,475		
2,664	2,478		
2,678	2,490		
2,830	2,627		
2,856	2,651		
3,358	3,129		
3,539	3,309		
3,564	3,334		
3,565	3,335		
3,605	3,375		
3,606	3,376		
3,620	3,390		
3,961	3,731		
3,971	3,741		
4,038	3,808		
4,533	4,303		
4,904	4,673		
4,911	4,680		
5,219	4,988		
5,294	5,063		
5,298	5,067		
5,348	5,117		
5,670	5,439		
5,972	5,741		
6,005	5,773		
7,005	6,773		
7,544	7,311		
7,554	7,321		
7,692	7,459		
7,743	7,510		
7,818	7,585		
7,820	7,587		
7,875	7,642		
7,877	7,644		
7,878	7,645		
7,907	7,675		
7,908	7,676		
7,909	7,677		
7,919	7,686		
7,968	7,735		
7,998	7,765		
8,008	7,775		
8,009	7,776		
8,009	7,776		
8,029	7,796		
8,030	7,797		
8,040			

Surface, 9 5/8, 9,001; 15, 214.0

Intermediate1, 7, 6.366; 15, 3,590.5

PERF - CLIFF HOUSE MASSIVE, 4,911-5,294,
12/17/2012

PERF - POINT LOOKOUT, 5,348-5,972,
12/17/2012

PERF - DAKOTA, 7,820-7,998, 12/14/2012

Production1, 4 1/2, 4,000; 15, 8,015.0

RCVD FEB 8 '13
OIL CONS. DIV.
DIST. 3

OJO ALAMO, 1,327
KIRTLAND, 1,392

FRUITLAND, 2,856
PICTURED CLIFFS, 3,358
LEWIS, 3,539

HUERFANITO BENTONITE,
4 038
CHACRA, 4,533
UPPER CLIFF HOUSE, 4,904

MASSIVE CLIFF HOUSE, 5,219

MENEFEE, 5,298

POINT LOOKOUT, 5,670

MANCOS, 6,005
UPPER GALLUP, 7,005

GREENHORN, 7,692
GRANEROS, 7,743
TWO WELLS, 7,818

PAGUATE, 7,878

LOWER CUBERO, 7,919
ENCINAL, 7,968