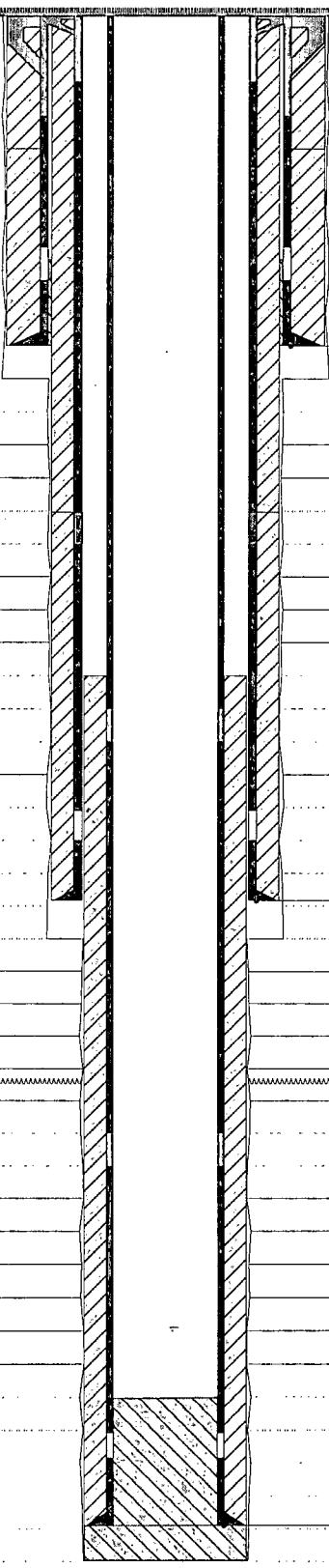


Schematic Regulatory

SAN JUAN 29-7 UNIT #102B

District NORTH	Field Name MV/DK COM	County RIO ARRIBA	State/Province NEW MEXICO	API / UWI 3003931126	
Original Spud Date 10/17/2012	Surface Legal Location 015-029N-007W-F	East/West Distance (ft) 1,960.00	East/West Reference FWL	North/South Distance (ft) 1,610.00	North/South Reference FNL

Well Config: DEVIATED - Original Hole, 12/14/2012 7:34:22 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
15	15		RCVD DEC 17 '12
16	16		DIL CONS. DIV.
17	17		DIST. 3
18	18		
30	30		
36	36		
46	46		
198	197		
199	199		
229	229		
230	230	Surface, 9 5/8, 9,001, 15, 215.0	
235	235		
556	556		
2,168	2,072		OJO ALAMO, 2,168
2,318	2,205		KIRTLAND, 2,318
2,862	2,689		
2,865	2,691		
2,882	2,707		FRUITLAND, 2,882
3,213	3,013		PICTURED CLIFFS, 3,213
3,406	3,194		LEWIS, 3,406
3,700	3,473		
4,005	3,769		
4,017	3,781		
4,220	3,981		CHACRA, 4,220
4,404	4,163		
4,404	4,164		
4,447	4,207		
4,448	4,208	Intermediate1, 7, 6.366, 15, 4,433.0	
4,468	4,227		
4,983			MASSIVE CLIFF HOUSE, 4,983
5,090			MENEFEE, 5,090
5,440			POINT LOOKOUT, 5,440
5,830			MANCOS, 5,830
6,682			UPPER GALLUP, 6,682
7,286			
7,294			
7,411			GREENHORN, 7,411
7,470			GRANEROS, 7,470
7,516			TWO WELLS, 7,516
7,599			PAGUATE, 7,599
7,624			UPPER CUBERO, 7,624
7,652			LOWER CUBERO, 7,652
7,715			
7,721			
7,722			
7,741			
7,742		Production1, 4 1/2, 4,000, 15, 7,727.0	
7,747			

INTEROFFICE MEMO

TO: Records & Regulatory

DATE: 12/4/2012

FROM: Sharon LeBeau

LOCATION: Farmington, N.M.

Final Geologic Summary

Well Name & No.: San Juan 29-7 Unit 102B API: 3003931126

Location: NW Section 15 Twp. 29N Rge. 07W

County & State: Rio Arriba, New Mexico

Elevation: GL: 6211' KB: 6226'

Tops From: X Wireline Log X Mudlog Correlation

Ojo Alamo	<u>2168'</u>	Chacra	<u>4220'</u>	Greenhorn	<u>7411'</u>
Kirtland	<u>2318'</u>	Upper Cliff House	<u>4786'</u>	Graneros	<u>7470'</u>
Fruitland	<u>2882'</u>	Massive Cliff House	<u>4983'</u>	Dakota (Two Wells)	<u>7516'</u>
Pictured Cliffs	<u>3213'</u>	Menefee	<u>5090'</u>	Paguate	<u>7599'</u>
Lewis	<u>3406'</u>	Point Lookout	<u>5440'</u>	Upper Cubero	<u>7624'</u>
Huerfanito Bentonite	<u>not present</u>	Mancos	<u>5830'</u>	Lower Cubero	<u>7652'</u>
		Upper Gallup	<u>6682'</u>	Oak Canyon	<u>n/a</u>
				Encinal	<u>nde</u>
				Burro Canyon	<u> </u>
				Morrison	<u> </u>
				DTD	<u>7720'</u>
				LTD	<u>7712'</u>

Electric Logs Run: Acoustic Cement Bond Log

Well Cored? X No Yes

Well DST'd? X No Yes

Geologist: Sharon LeBeau