

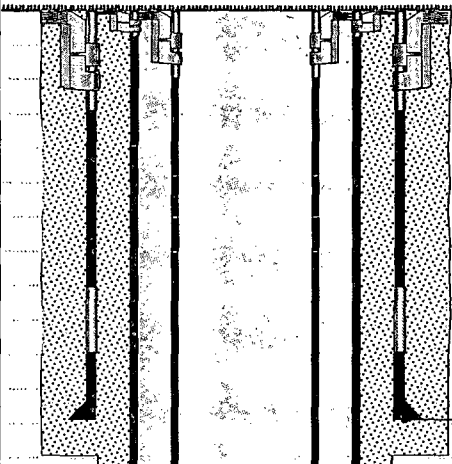


Schematic Regulatory

HARE #16N

District NORTH	Field Name MV/DK COM	County SAN JUAN	State/Province NEW MEXICO	API / UWI 3004535286
Original Spud Date 11/7/2014	Surface Legal Location 003-029N-010W-G	East/West Distance (ft) 2,358.00	East/West Reference FEL	North/South Distance (ft) 1,433.00
North/South Reference FNL				

VERTICAL - Original Hole, 12/8/2014 7:15:58 AM

Frm Final	MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
	17.1	17.1	
	17.4	17.4	
	18.0	18.0	
	20.3	20.3	
	22.3	22.3	
	23.0	23.0	
	65.6	65.6	
	93.2	93.2	
	288.4	288.4	
	288.7	288.7	
	290.0	290.0	1; Surface; 9 5/8; 9.001; 17.0; 303.80
	319.9	319.9	
	320.9	320.9	
	326.1	326.1	
OJO ALAMO	1,102.0	1,101.9	
KIRTLAND	1,263.1	1,263.0	
FRUITLAND	1,978.0	1,977.8	
PICTURED C	2,352.0	2,351.7	
LEWIS	2,493.1	2,492.8	
	3,000.0	2,999.6	2; Intermediate1; 7; 6.366; 17.0; 4,238.08
	3,106.6	3,106.2	
	3,116.5	3,116.1	
CHACRA	3,356.0	3,355.5	
	3,540.0	3,539.5	
UPPER CLIFF	3,912.1	3,911.5	
MASSIVE CLI	3,990.2	3,989.6	
MENEFEE	4,102.0	4,101.4	
	4,190.9	4,190.3	
	4,209.3	4,208.7	
	4,210.3	4,209.7	3; Production1; 4 1/2; 4.000; 17.0; 6,817.11
	4,253.6	4,252.9	
	4,255.2	4,254.6	
	4,270.0	4,269.3	
POINT LOOK	4,668.0	4,667.1	
MANCOS	5,041.0	5,040.0	
UPPER GALL	5,869.1	5,867.6	
	6,488.8	6,487.1	
	6,499.0	6,497.2	
GREENHORN	6,590.9	6,589.1	
GRANEROS	6,642.1	6,640.2	3; Production1; 4 1/2; 4.000; 17.0; 6,817.11
TWO WELLS	6,702.1	6,700.2	
PAGUATE	6,766.1	6,764.2	
	6,827.1	6,825.1	
	6,832.7	6,830.7	
	6,833.3	6,831.4	
	6,834.0	6,832.0	
	6,836.0	6,834.0	