

30-025-42226

State/Province NEW MEXICO	Prospect Area RED HILLS	Field Name DIAMONDTAIL	Well Subtype NAD27	Latitude (°) 32.325111	Longitude (°) -109.648180
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status DRILLING	Ground Elevation (ft) 3,715.00	KB-Ground Distance (ft) 26.50	

HORIZONTAL - URRACA FEDERAL COM 23 32 11 AV 24H, 10/4/2018 2:32:29 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
-5.6	-5.6	0.1	
26.6	26.6	0.1	
27.9	27.9	0.1	
28.5	28.5	0.1	
111.2	111.2	0.1	Des: Conductor Cement; Depth MD: 26.5-146.5 ftKB; Date: 6/1/2018
122.0	122.0	0.1	
146.7	146.7	0.2	Des: Surface Casing Cement; Depth MD: 26.5-1,277.5 ftKB; Date: 9/15/2018
1,232.8	1,232.8	0.2	
1,234.2	1,234.2	0.2	
1,275.8	1,275.8	0.1	
1,277.5	1,277.5	0.1	Des: Intermediate Casing Cement; Depth MD: 26.5-4,886.1 ftKB; Date: 9/19/2018
4,841.2	4,841.2	0.1	
4,842.5	4,842.5	0.1	
4,884.2	4,884.2	0.2	
4,885.8	4,885.8	0.2	Des: Production Casing Cement; Depth MD: 26.5-14,347.1 ftKB; Date: 9/30/2018
9,145.3	9,145.3	5.0	
9,164.4	9,164.4	7.6	
9,674.1	9,674.1	93.6	
9,673.9	9,673.9	93.6	
9,671.3	9,671.3	93.9	
9,671.2	9,671.2	93.9	
9,668.4	9,668.4	93.9	
9,668.2	9,668.2	93.9	

No. 1; Des: Conductor 1; OD: 20.000 in; ID: 19.000 in; Depth MD: 26.5-146.5 ftKB; Length: 120.00 ft

No. 2; Des: Surface; OD: 13.375 in; ID: 12.615 in; Depth MD: 26.5-1,277.5 ftKB; Length: 1,250.97 ft

No. 3; Des: Intermediate 1; OD: 9.625 in; ID: 8.835 in; Depth MD: 26.5-4,886.1 ftKB; Length: 4,859.62 ft

No. 4; Des: Production 1; OD: 5.500 in; ID: 4.778 in; Depth MD: 5.5-14,347.1 ftKB; Length: 14,352.63 ft

Directions to Well: FROM CARLSBAD, NM, AT THE INTERSECTION OF W GREENE ST AND N CANAL ST, HEAD EAST ON W GREENE STREET TOWARD S CANAL ST FOR 2.2 MILES TO REFINERY ROAD ON THE RIGHT. TRAVEL SE ON REFINERY ROAD FOR 12.5 MILES TO NEW MEXICO STATE HIGHWAY 31 ON THE LEFT. TRAVEL NE ON NM STATE HIGHWAY 31 FOR 2.4 MILES TO NM STATE HIGHWAY 128 E ON THE RIGHT. TRAVEL SE ON NM STATE HIGHWAY 128 E FOR 19.0 MILES TO AN EXISTING LEASE ROAD ON THE LEFT. TRAVEL NE ON SAID EXISTING LEASE ROAD FOR 5.6 MILES TO AN EXISTING LEASE ROAD ON THE LEFT. TRAVEL NW ON SAID EXISTING LEASE ROAD FOR 1.4 MILES TO AN EXISTING LEASE ROAD TO THE RIGHT. T...