



Wellbore Schematic

Well Name: RICK DECKARD STATE 25 28 4 WA 14H

State/Province NEW MEXICO	Prospect Area MALAGA	Field Name	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.153085	Longitude (°) -104.087333
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status DRILLING	Ground Elevation (ft) 2,963.00	KB-Ground Distance (ft) 25.00		

HORIZONTAL - RICK DECKARD STATE 25 28 4 WA 14H, 11/5/2018 9:15:57 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical-schematic (actual)
24.9	24.9	0.2	
25.9	25.9	0.2	
26.2	26.2	0.2	
26.6	26.6	0.2	
145.0	145.0	0.2	
400.6	400.6	0.8	
401.9	401.9	0.8	
443.2	443.2	0.9	
445.2	445.2	0.9	
460.0	460.0	0.9	
2,515.2	2,515.2	1.7	
2,516.8	2,516.8	1.6	
2,558.1	2,558.1	1.2	
2,560.1	2,560.1	1.2	
2,569.3	2,569.3	1.1	
8,970.6	8,970.6	1.9	
8,976.5	8,976.5	1.9	
8,980.2	8,980.2	1.9	
8,996.6	8,996.6	1.9	
8,998.8	8,998.8	1.9	
8,999.8	8,999.8	1.9	
9,005.1	9,005.1	1.9	
9,006.7	9,006.7	1.9	
9,541.2	9,541.2	76.5	No.:1; Des:Conductor 1; OD:20.000 in; ID:19.000 in; Depth MD:25.0-145.0 ftKB; Length:120.00 ft No.:2; Des:Surface; OD:13.375 in; ID:12.615 in; Depth MD:25.0-445.1 ftKB; Length:420.09 ft No.:3; Des:Intermediate 1; OD:9.625 in; ID:8.921 in; Depth MD:25.0-2,562.7 ftKB; Length:2,537.73 ft No.:4; Des:Intermediate 2; OD:7.000 in; ID:6.184 in; Depth MD:25.0-9,858.3 ftKB; Length:9,833.31 ft No.:5; Des:Production 1; OD:4.500 in; ID:3.920 in; Depth MD:9,050.2-14,406.0 ftKB; Length:5,355.84 ft
9,541.4	9,541.4	76.6	
9,548.0	9,548.0	79.9	
9,548.2	9,548.2	80.1	
9,575.9	9,575.9	92.3	
9,575.4	9,575.4	93.0	
9,575.2	9,575.2	93.3	
9,575.1	9,575.1	93.5	
9,572.8	9,572.8	96.2	
9,572.7	9,572.7	96.2	
9,572.5	9,572.5	96.2	
9,568.0	9,568.0	96.2	
9,567.8	9,567.8	96.2	
9,566.3	9,566.3	96.2	

Directions to Well: FROM THE MARATHON OFFICE AT 4111 TIDWELL, CARLSBAD, NM. HEAD SOUTH ON TIDWELL RD TOWARD US HWY 285 N FOR 0.2 MILES. TURN LEFT ONTO US HWY 285 S, HEADING SOUTH, FOR 17.6 MILES TO A CALICHE ROAD. TURN RIGHT ONTO CALICHE ROAD, HEADING WEST, FOR 0.6 MILES TO CALICHE ROAD. TURN LEFT ONTO CALICHE ROAD, HEADING WEST, FOR 0.4 MILES TO THE PROPOSED LEASE ROAD FOR THE RICK DECKARD STATE 25 28 4 WXY #12H, WA #15, TB #14, WXY #18 WELL PAD LOCATION. TURN LEFT ONTO SAID PROPOSED LEASE ROAD, HEADING SOUTH, FOR 0.3 MILES. ENTERING THE NORTHEAST CORNER OF SAID WELL PAD LOCATION.