

Current Schematic

ConocoPhillips

Well Name: HOWELL K #4

API/UVI 3004509510	Surface Legal Location 1000-FNL, 340-FEL, 11-0000-0000	Field Name BLANCO MESA VERDE (PROPRAT F007)	License No.	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 6,857.00	Original KB/RT Elevation (ft) 6,867.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft) 6,867.00	KB-Tubing Hanger Distance (ft) 6,867.00	

Well Config: - Original Hole, 9/27/2011 2:35:06 PM

ftKB (MD)	From Final	Schematic - Actual
0		
10		
173		Surface, 13 3/8in, 12.715in, 10 ftKB, Adjusted from a 13' KB to a 10' KB to match production casing, 174 ftKB
174		Surface Casing Cement, 10-174, 10/19/1955, 250 sacks of regular cement; circulated to surface.
182		
1,300		
2,007	OJO ALAMO, 2,007	
2,097	KIRTLAND, 2,097	
2,331	FRUITLAND, 2,331	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 10 ftKB, 4,836 ftKB
2,667	PICTURED CLIFFS, 2,667	
2,699		Intermediate Casing Cement, 1,300-2,700, 10/25/1955, Lead 125 sacks regular, Tail 125 sacks POZ; TOC @1300 per TS 10/25/1955.
2,700		Intermediate, 9 5/8in, 8.921in, 10 ftKB, 2,700 ftKB
2,748	LEWIS, 2,748	Lewis, 3,423-4,290, 5/1/2003
3,050		Hydraulic Fracture, 5/2/2003, Frac'd Lewis with 628 bbls of 75 Quality Foam 20# gel (1,300,300 SCF N2) and 200,000# of 20/40 Arizona sand.
3,423		Cliff House, 4,364-4,492, 11/4/1955
4,182		Hydraulic Fracture, 11/4/1955, Frac'd Cliff House with 1,242 bbls water and 55,000# sand.
4,290		Tubing Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 4,836 ftKB, 4,838 ftKB
4,364	CLIFF HOUSE, 4,365	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 4,838 ftKB, 4,869 ftKB
4,365		Point Lookout, 4,800-4,934, 11/4/1955
4,472	MENEFEE, 4,472	Hydraulic Fracture, 11/4/1955, Frac'd Point Lookout with 1,081 bbls water and 47,500# sand.
4,492		Seating Nipple, 2 3/8in, 4.70lbs/ft, J-55, 4,869 ftKB, 4,870 ftKB
4,800	POINT LOOKOUT, 4,870	Expendable Check Valve, 2 3/8in, 4.70lbs/ft, J-55, 4,870 ftKB, 4,871 ftKB
4,836		
4,838		
4,869		
4,870		
4,871		
4,920	MANCOS, 4,920	
4,934		
4,938		
4,939		
4,944		PBTD, 4,944
4,974		Production, 7in, 6.336in, 10 ftKB, 4,975 ftKB
4,975		TD, 4,975, 11/1/1955
		Production Casing Cement, 3,050-4,975, 11/1/1955, Lead 200 sacks regular, Tail 200 sacks POZ; TOC @ 3050 per CBL 5/1/03. PBTD, 4,944-4,975, 11/1/1955

