

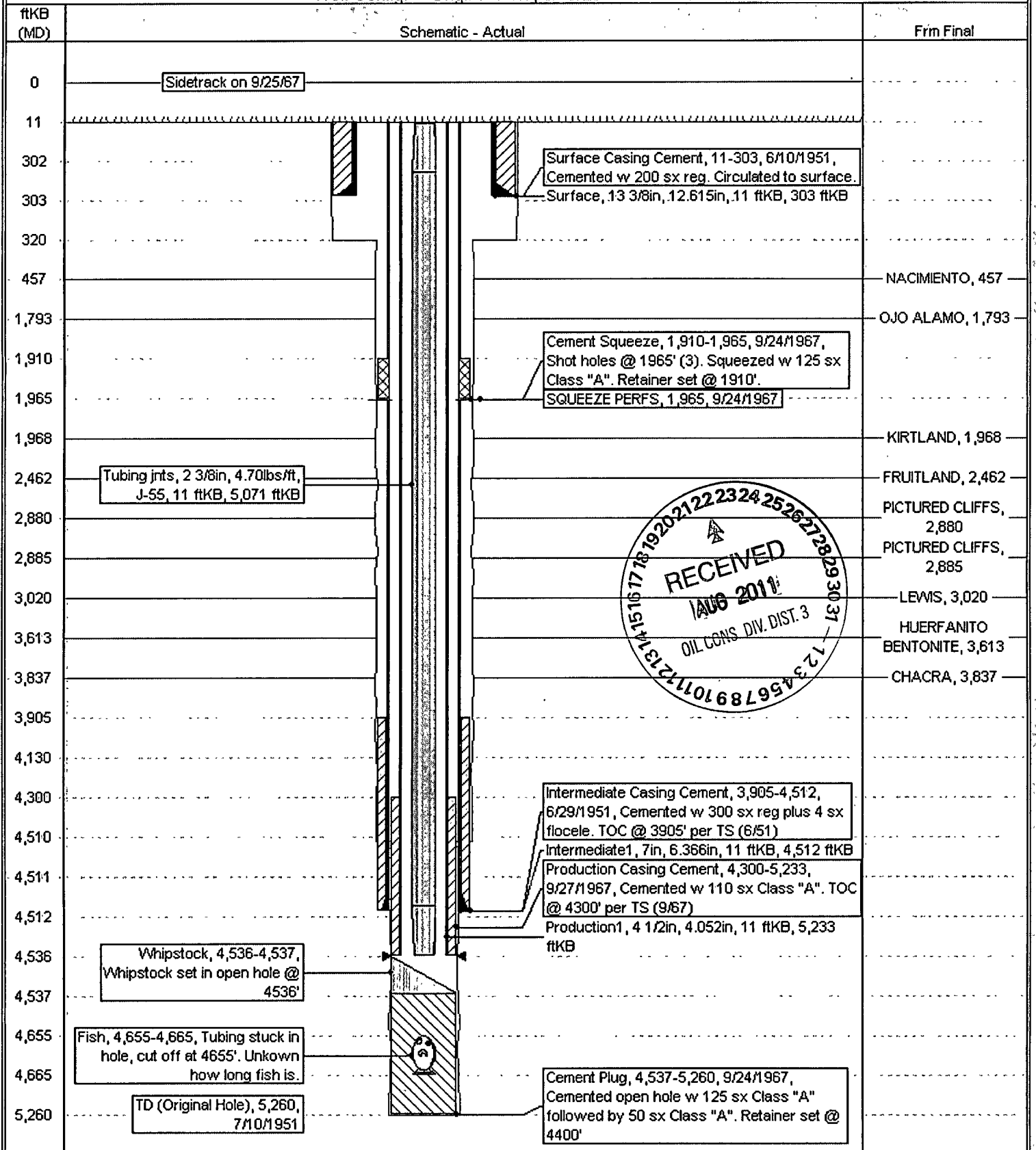
Current Schematic

ConocoPhillips

Well Name: HOWELL C #1

API/UVI 3004508811	Surface Legal Location	Field Name BLANCO MESAVIC (PROPOSED ...)	License No.	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 6,083.00	Original KB/RT Elevation (ft) 6,094.00	KB-Ground Distance (ft) 11.00	KB-Casing Flange Distance (ft) 6,094.00	KB-Tubing Hanger Distance (ft) 6,094.00		

Well Config: - Original Hole, 8/19/2011 1:53:21 PM



Current Schematic

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Well Name: HOWELL C#1

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Well Config: - Sidetrack 1, 8/19/2011 2:04:48 PM

ftKB (MD)	Schematic - Actual	From Final
0	Sidetrack on 9/25/67	
11		
302	Surface Casing Cement, 11-303, 6/10/1951, Cemented w 200 sx reg. Circulated to surface.	
303	Surface, 13.3/8in, 12.615in, 11. ftKB, 303 ftKB	
320		
457		NACIMIENTO, 457
1,793		OJO ALAMO, 1,793
1,910		
1,965	Cement Squeeze, 1,910-1,965, 9/24/1967, Shot holes @ 1965' (3). Squeezed w 125 sx Class "A". Retainer set @ 1910'. SQUEEZE PERFS, 1,965, 9/24/1967	
1,968		KIRTLAND, 1,968
2,462	Tubing jnts, 2 3/8in, 4.70lbs/ft, J-55, 11 ftKB, 5,071 ftKB	FRUITLAND, 2,462
2,880		PICTURED CLIFFS, 2,880
2,885		2,885
3,020		LEWIS, 3,020
3,613		HUERFANITO
3,837		BENTONITE, 3,613
3,905		CHACRA, 3,837
4,130		
4,300		
4,510		
4,511	Whipstock, 4,536-4,537, Whipstock set in open hole @ 4536'	
4,512		
4,536		
4,598		CLIFFHOUSE, 4,598
4,599	Hydraulic Fracture, 9/29/1967, Frac'd Cliffhouse/Menefee w 35,500 gal water and 35,000# sand.	
4,700		PERF CLIFFHOUSE/MENELEE, 4,599-4,700, 9/29/1967
4,702		MENELEE, 4,702
4,745		
4,746		
5,047	Marker Pup jnt, 2 3/8in, 4.70lbs/ft, J-55, 5,071 ftKB, 5,073 ftKB	POINT LOOKOUT, 5,047
5,055	Tubing jnts, 2 3/8in, 4.70lbs/ft, J-55, 5,073 ftKB, 5,105 ftKB	
5,071	Seat Nipple, 2 3/8in, 4.70lbs/ft, J-55, 5,105 ftKB, 5,106 ftKB	
5,073	Sawtooth collar, 2 3/8in, 4.70lbs/ft, J-55, 5,106 ftKB, 5,106 ftKB	
5,105	Hydraulic Fracture, 9/29/1967, Frac'd Point Look out w 53,150 gal water and 49,000# sand.	
5,106		PERF POINT LOOKOUT, 5,055-5,190, 9/29/1967
5,106		
5,190		
5,201	PBTD (Sidetrack 1), 5,201	
5,201		
5,202		
5,232		
5,233	TD (Sidetrack 1), 5,233, 9/27/1967	
	Production Casing Cement, 4,300-5,233, 9/27/1967, Cemented w 110 sx Class "A". TOC @ 4300' per TS (9/67) Production 1, 4 1/2in, 4.052in, 11 ftKB, 5,233 ftKB	

