



Wellbore Schematic

Well Name: FLOWMASTER FEE 24 34 15 WD 3H

HOBBS OIL
APR 23 2019
RECEIVED

State/Province NEW MEXICO	Prospect Area RED HILLS	Field Name	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.228746	Longitude (°) -103.464518
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status DRILLING	Ground Elevation (ft) 3,523.00			

HORIZONTAL - FLOWMASTER FEE 24 34 15 WD 3H BP01, 1/8/2019 9:57:39 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
4.4	-5.6	0.4	
4.2	-5.2	0.4	
26.6	26.6	0.4	
27.6	27.6	0.4	
28.5	28.5	0.4	
146.7	146.7	0.4	No.: 1; Des: Conductor 1; OD: 20.000 in; ID: 19.000 in; Depth MD: 26.5-146.5 ftKB; Length: 120.00 ft
1,108.0	1,105.9	0.6	No.: 2; Des: Surface; OD: 13.375 in; ID: 12.615 in; Depth MD: 26.5-1,150.6 ftKB; Length: 1,124.10 ft
1,107.6	1,107.6	0.6	
1,149.0	1,148.9	0.6	
1,180.6	1,150.5	0.6	
1,165.0	1,165.0	0.5	
5,271.0	5,270.4	1.4	No.: 3; Des: Intermediate 1; OD: 9.625 in; ID: 8.835 in; Depth MD: 26.5-5,318.2 ftKB; Length: 5,291.70 ft
5,272.8	5,272.7	1.4	
5,274.9	5,274.3	1.4	
5,316.8	5,315.6	1.4	
5,318.2	5,317.6	1.4	
5,330.1	5,329.4	1.4	No.: 4; Des: Intermediate 2; OD: 7.625 in; ID: 6.875 in; Depth MD: 26.5-11,682.5 ftKB; Length: 11,656.00 ft
6,379.9	6,376.5	5.8	
11,540.7	11,527.7	0.7	
11,544.3	11,531.3	0.7	
11,629.1	11,626.1	1.0	
11,629.8	11,626.8	1.0	No.: 5; Des: Production 1; OD: 5.500 in; ID: 3.500 in; Depth MD: 26.5-16,476.8 ftKB; Length: 16,450.30 ft
11,641.4	11,628.4	1.0	
11,620.8	11,667.8	1.3	
11,682.4	11,669.4	1.3	
11,698.1	11,686.1	1.4	
16,392.7	13,385.4	88.7	Des: Auto cement plug; Depth MD: 16,434.8-16,489.0 ftKB; Date: 12/26/2018
16,395.3	13,385.4	88.7	
16,424.7	13,386.3	89.1	
16,426.7	13,386.3	89.1	
16,475.4	13,386.9	89.1	
16,476.7	13,386.9	89.1	Des: Auto cement plug; Depth MD: 16,434.8-16,489.0 ftKB; Date: 12/26/2018
16,483.8	13,387.1	89.1	

Directions to Well: FROM THE MARATHON OFFICE AT 411 TIDWELL, OTIS, NEW MEXICO. HEAD SOUTH ON TIDWELL ROAD TOWARD US HIGHWAY 285 FOR 0.2 MILES. TURN LEFT, HEAD SOUTHEAST FOR 5.1 MILES TO NM HIGHWAY 31. TURN LEFT ON HIGHWAY 31 AND HEAD EAST, FOR 7.7 MILES TO NM HIGHWAY 128. TURN RIGHT ON NM HIGHWAY 128 AND HEAD SOUTH FOR 34.7 MILES TO COUNTY ROAD 2-B. TURN LEFT ON COUNTY ROAD 2-B. HEAD NORTH, FOR 0.8 MILES PASSING A FRAC POND ON THE RIGHT. TURN RIGHT PAST THE FRAC POND AND HEAD EAST FOR 400 FEET. KEEP LEFT AND CONTINUE ON A CALICHE LEASE ROAD FOR 762 FEET TO THE PROPOSED LEASE ROAD FOR THE FLOWMASTER FEE TB # 7H, WA #6H A...