

ConocoPhillips

API / UWI 3004534377	Surface Legal Location 033-031N-011W-L	Field Name BASIN FRUITLAND COAL	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 5,609.00	Original KBRT Elevation (ft) 5,620.00	KB-Ground Distance (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

MD (ftKB)	Vertical schematic (actual)	Formation Tops
10.8		
11.2		
11.8		
11.8		
139.1	1; Surface; 7 in; 6.456 in; 11.0 ftKB; 139.0 ftKB	SURFACE CSG CMT; 11.0-139.0; 9/17/2008; CIRC 3 BBL'S CMT TO SURFACE
144.0		
744.1		OJO ALAMO
900.9	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 11.0 ftKB; 2,249.9 ftKB	KIRTLAND
1,793.0		FRUITLAND
1,819.8		
1,823.8		
1,894.1	CSG; 1,994.0-2,145.0; 11/26/2008	
2,145.0		
2,280.0	Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J- 55; 2,249.9 ftKB; 2,251.9 ftKB	
2,282.0		
2,284.1	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 2,251.9 ftKB; 2,283.2 ftKB	
2,283.1	CSG; 2,264.0-2,285.0; 11/26/2008	
2,284.1	Profile Nipple; 2 3/8 in; 2,283.2 ftKB; 2,284.1 ftKB	
2,285.1	Mule Shoe Guide; 2 3/8 in; 2,284.1 ftKB; 2,285.0 ftKB	
2,286.1		
2,286.1		
2,312.0		PICTURED CLIFFS
2,474.1	PBTD; 2,474.0	
2,478.1		
2,478.7	2; Production; 4 1/2 in; 4.052 in; 11.0 ftKB; HOLD PRE JOB SAFETY MEETING. RUN 4-1/2" 10.5# J-55 ST&C CASING TO 2518.6'. TOP OF FLOAT SHOE @ 2517.7', TOP OF FLOAT COLLAR @ 2475'; MARKER JT. @ 1813.6'. CENTRALIZERS: 1- FLOAT SHOE JOINT, 1 ON EACH JOINTS # 2, 4, 6, 8, 10, 13, 16, & 40.; 2,518.6 ftKB	Production Casing Cement; 11.0- 2,518.6; 9/27/2008; HOLD PRE JOB SAFETY MEETING ON CEMENTING 4 -1/2" CASING. RIG UP CEMENT HEAD & CEMENT LINES. TEST LINES TO 3500 PSI FOR 5 MINUTES. CEMENT 4 -1/2" CASING AS FOLLOWS. PUMP 10 BBL'S OF GEL WATER FOLLOWED BY 10 BBL'S OF WATER. PUMP SCAVENGER CEMENT WITH 19 SKS OF PREMIUM LITE, 66 CUFT WITH 3% CACL, 0.25 PPS CELLOFLAKE, 5 PPS LCM-1, 0.4 FL-52, 0.4% SMS AT 11.0 PPG = 10 BBL'S. PUMP LEAD CEMENT WITH 203 SKS OF PREMIUM LITE, 431.9 CUFT WITH 3% CACL, 0.25 PPS CELLOFLAKE, 5 PPS LCM-1, 0.4 FL-52, 0.4% SMS AT 12.1 PPG = 77 BBL'S. PUMP TAIL CEMENT WITH 50 SKS OF TYPE III, 69 CUFT WITH 1% CACL, 0.25 PPS CELLOFLAKE, 0.2% FL-52, AT 14.6 PPG = 12 BBL'S. SHUT DOWN, WASH LINES. DROP PLUG & DISPLACE WITH 10 BBL'S OF SUGAR WATER & 29.5 BBL'S OF FRESH WATER. BUMP PLUG TO 1385 PSI AT 1033 HOURS. HOLD FOR 10 MINUTES. 40 BBL'S OF CEMENT TO SURFACE.
2,517.7		Cement Plug; 2,474.0-2,518.6; 9/27/2008
2,518.7		Cement; 2,518.6-2,535.0; 9/27/2008
2,839.1		