## ConocoPhillips

## **CURRENT SCHEMATIC**

## **SAN JUAN 29-7 UNIT #140P**

API / UWI State/Province **NEW MEXICO** SOUTH MV/DK COM 3003931260 RIO ARRIBA Surface Legal Location E/W Dist (ft) E/W Ref N/S Dist (ft) N/S Ref Original Spud Date 008-029N-007W-L 1.010.00 FWL 1,762.00 FSL 12/31/2014 DEVIATED Original Hole, 2/1/1/2015 9:52:02/AM :MD Vertical schematic (actual) (ftKB 17.1 Casing Hanger (Fluted): 17.0-17.5 Casing Hanger (Fluted); 17.0-17.6 17.4 17.7 CASING HANGER; 17.0-19.9 Casing Pup Joint; 17.6-21.9 FEB 1 2 2015 20.0 22.0 asing Pup Joint; 17.5-32.9 MMOCD CASING JOINTS; 19.9-199.0 32.8 FLOAT COLLAR: 199.0-200.5 193.9 Surface Casing Cement; 17.0-236.0; PUMP 5 BBLS PRE-FLUSH & CIRC-15 BBLS FRESH WATER SPACER DUMP 76 SXŠ (21.8 BBL SLURRY) TYPE I-II CMT WITH 20% FLYASH @ 14.5 PPG INTO CSG, DROP PLUG AND DISP W/ 14.3 BBL H20, CIRC 5 BBLS GOOD CMT TO SURFACE: 12/31/2014 198.8 Auto cement plug; 194.0-236.0; Automatically created cement plug from the casing cement because it had a tagged depth.: 12/31/2014 200.5 Casing Joints; 21.8-2,955.9 Casing Joints: 32.9-3.979.7 Intermediate Casing Cement; 17.0-2,955.9; PUMP 2ND STG CMT: 230.3 PUMP PREFLUSH: 10 BBLS FW, 10 BBLS GEL, 10 BBLS FW. SCAVENGER: 10 BBLS (19 SKS) @ 11 PPG, 17.89 GAL/SK, 3.02 CU.FT/SK, PREMIUM LITE WITH 3% CACL, 0.25 PPS CELLO FLAKE, 5 PPS LCM-1, 0.4% FL-52, 8% BENTONITE, & 0.4% SMS. 231.3 235.9 LEAD: 137 BBLS (360 SKS) @ 12.1 PPG, 11.29 GAL/SK, 2.13 CU.FT/SK, PREMIUM LITE WITH 3% CACL, 0.25 PPS CELLO FLAKE, 5 PPS LCM-1, 0.4% FL-52, 8% BENTONITE, & 0.4% SMS. 2,290.0 DROP PLUG & DISPLACE W/ 116.4 BBLS FW. FCP 880 PSI. BUMPED PLUG @ 02:55 W/ 2500 PSI. HOLD FOR 10 MINS, FLOAT HELD W/ 1 BBL FLOW BACK. 50 BBLS OF CMT TO SURFACE ..; 1/18/2015 2.955. Auto cement plug; 2,955.0-2,955.9; Automatically created cement plug from the casing cement because it had a tagged depth.; 1/18/2015 2.956.0 Stage Tool; 2,955.9-2,958.4 Casing Joints; 2,958.4-4,719.6 Marker Joint; 3,979.7-3,989.4 2,958.3 Float Collar; 4,719.6-4,720.4 Casing Joints; 4,720.4-4,763.8 3.979.7 Auto cement plug; 4,718.0-4,785.0; Automatically created cement plug from the casing cement because it had a tagged depth.; 1/18/2015 3,989.5 Intermediate Casing Cement; 2,955.9-4,785.0; PUMP 1ST STG CMT 5 BBLS TO PIT TO FLUSH LINES & PUMP PREFLUSH:10 BBLS GEL MUD AND 2 BBLS FW/ 4,717.8 SCAVENGER: 10 BBLS (19 SKS) @ 11 PPG, 17.89 GAL/SK, 3.02 CU.FT/SK, PREMIUM LITE WITH 3% CACL, 0.25 PPS CELLO FLAKE, 5 PPS LCM-1, 0.4% FL-52, 8% BENTONITE, & 0.4% SMS. 4,719.5 LEAD: 62 BBLS (164 SKS) @ 12.1 PPG, 11.29 GAL/SK, 2.13 CU.FT/SK, PREMIUM LITE WITH 3% CACL, 0.25 PPS CELLO FLAKE, 5 PPS LCM-1, 0.4% FL-52, 8% BENTONITE, & 0.4% SMS. 4,720.5 TAIL: 27 BBLS (110 SKS) @ 14.6 PPG, 6.64 GAL/SK, 1.38 CU.FT/SK, TYPE III CEMENT WITH 1% CACL, 0.25 PPS CELLOFLAKE, & 0.2% FL-52 4.763.8 DROP PLUG & DISPLACE W/ 90 RBLS FW FOLLOWED BY 95 8 BBLS MUD. FCP. 425 PSL BUMPED PLUG @ 21:01 W/ 1050 PSI, FLOAT HELD W/ 3/4 BBL FLOW BACK. OPEN STAGE TOOL @ 2955.9' W/ 2450 PSI. 4,765.4 35 BBLS OF CMT TO SURFACE. FLUID CALIPER VOLUME = 98 BBLS 4.785.1 SWITCH OVER TO RIG PUMP.; 1/18/201 Casing Joints; 3,989.4-7,274.2 7,274.3 Casing Joints; 7,283.9-7,707.7 Float Collar; 7,707.7-7,708.2 7,283.8 Production Casing Cement; 2,290.0-7,712.0; PJSM, FLUSH OUT LINES W/ 5 BBLS F.W PRESSURE TEST TO 4000 PSI. PUMP PREFLUSH W/ 10 BBLS GEL WATER, 2 BBLS WATER. 7,706.0 PUMP SCAVENGER: 9 SKS (5 BBLS SLURRY) PREMIUM LITE HS FM CMT W/ 0.25 PPS CELLO FLAKE, 0.3% CD-32, 6.25PPS LCM-1, & 1%,FL-52 @ 11 PPG, 3.10 CUFT/SK. 7.707.7 PUMP TAIL: 282 SKS (99 BBLS SLURRY) PREMIUM LITE HS FM CMT W/ 0.25 PPS CELLO FLAKE, 0.3% CD-32, 6.25PPS LCM-1, & 1%, FL-52 @ 12.5 PPG, 1.98 CUFT/SK. 7,708.3 SHUT DOWN, WASH PUMP & LINES W/10 BBLS FRESH WATER. DROP PLUG & DISPLACE W/ 119.8 BBLS WATER (1ST 10 BBLS W/ SUGAR), FCP = 720 PSI, BUMP LATCH IN PLUG W/ 1287 PSI @ 06:54 HRS. CHECK FLOAT 10 MIN. BLED BACK 1/2 BBL, FLOAT HELD (OK).; 1/22/2015 7.709.6 Auto cement plug; 7,706.0-7,712.0; Automatically created cement plug from the casing cement because it had a 7,711.9 tagged depth 1/22/2015

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