BURLINGTON RESOURCES API # 30-039-30621

ConocoPhillips

Schematic - Current

SAN JUAN 28-6 UNIT #135N

Most Recent Job

Jobs

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
COMPLETIONS	INITIAL COMPLETION	INITIAL COMPLETION	3/16/2009	5/2/2009

Well Config: DEVIATED - Original Hole, 5/12/2009 6:33:40 AM

ftKB (MD)	Schematic - Actual	Frm Final
15		
16		
18		
47		
234	Surface Casing Cement, 15-235, 2/25/2009, CIRC 16 BBLS 15.2 PPG CMT TO SURFACE	
235	Surface, 9 5/8in, 32.30lbs/ft, H-40, 15 ftKB, 235 ftKB	
242		
2,769	Intermediate Casing Cement, 15-2,769, 3/2/2009	
2,772		RCVD MAY 28 '09 OIL CONS. DIV. DIST. 3
4,114	Tubing, 2 3/8in, 4.70lbs/ft, L-80, 15 ftKB, 7,896 ftKB	
4,124	Hyd Frac-Gelled N2 4/9/2009 LEWIS STIMULATION (4 497 TO 4 842) SICP 450 PSI START 10 BBLS OF 15% HCL ACID AT 4 0 BPM AT 420 PSI FLUSH ACID WITH 70 BBLS OF 2% KCL WATER AT 15 BPM AT 1 000 PSI BROKEDOWN THE ZONE AT 3 545 PSI	
4,490	FRAC THE ZONE WITH 173 550 GALLONS OF 75 QUALITY 20# GEL FOAM AT 30 TO 32 BPM WITH 118 320 LBS OF 20/40 ARIZONA SAND RAN SURFACTANT (FLO BACK 20) AT 1 GAL/1000 GALS FOAMER (FAW 4) AT 3 0 GAL/1000 GALS BREAKER (ENZYME GIII) AT 5 GAL/1000 GALS TOTAL N2 2 403 700 SCF PUMPED 65 BBL FOAMED FLUSH	Perforated, 4,490-4,842, 4/8/2009
4,811	MIN RATE 30 BPM MAX RATE 32 BPM AVG RATE 32 BPM MIN PSI 2 390 PSI MAX PSI 3 010 PSI AVG PSI 2 450 PSI MAX SAND CONC 1 7 PSA ISIP 1 520 PSI FRAC GRADIENT 40 PSI/FT (BASED OFF ISDP) FLUID TO RECOVER (BREAKDOWN ACID AND FRAC 1 130 CLEAN BBLS) PUMPED 1 251 SLURRY BBLS	
4,821	SAND AMOUNT BASED OFF WEIGHT TICKET TOTALS AND 1ST 2ND 3RD STAGE SAND AMOUNTS DENSIOMETER COUNTED 124 900 LBS	
4,822		
4,842		
4,865	Intermediate, 7in, 23.00lbs/ft, J-55, 15 ftKB, 4,865 ftKB	
4,865	Intermediate Casing Cement, 2,769-4,866, 3/2/2009	
4,875	Hyd Frac-Foam N2, 4/7/2009 CLIFFHOUSE & UPPER MENEFEE STIMULATION (5 094 TO 5 325) BREAKDOWN THE ZONE AT 3 220 PSI INCREASED RATE TO 10 BPM AT 2 710 PSI PUMPED 30 BBLS OF 2% KCL WATER SHUTDOWN PUMPING ISIP 750 PSI FRAC GRADIENT 58 PSI/FT START 10 BBLS OF 15% HCL ACID AT 5 BPM AT 1 190 PSI	
5,094	FRAC THE ZONE WITH 110 500 GALLONS OF 60 QUALITY FOAM AT 50 TO 55 BPM WITH 100 600 LBS OF 20/40 BRADY SAND RAN FRICTION REDUCER (FRW 14) AT 1 00 GAL/1000 GALS SURFACTANT (FLO BACK 20) AT 1 GAL/1000 GALS FOAMER (FAW 4) AT 3 0 GAL/1000 GALS TOTAL N2 1 119 200 SCF PUMPED 77 BBL FLUID FLUSH	Perforated, 5,094-5,325, 4/7/2009
5,325	MIN RATE 50 BPM MAX RATE 55 BPM AVG RATE 54 BPM MIN PSI 2 100 PSI MAX PSI 4 320 PSI AVG PSI 2 350 PSI MAX SAND CONC 1 65 PSA ISDP 800 PSI FRAC GRADIENT 55 PSI/FT (BASED OFF ISDP) FLUID TO RECOVER (BREAKDOWN ACID AND FRAC 1 184 CLEAN BBLS) PUMPED 1 273 SLURRY BBLS	
5,496	Hyd Frac-Foam N2 4/7/2009 LOWER MENEFEE & POINT LOOKOUT STIMULATION (5 496 TO 6 074) BREAKDOWN THE ZONE AT 2 460 PSI INCREASED RATE TO 10 BPM AT 1 210 PSI PUMPED 20 BBLS OF 2% KCL WATER SHUTDOWN PUMPING ISIP 150 PSI FRAC GRADIENT 48 PSI/FT START 10 BBLS OF 15% HCL ACID AT 3 BPM AT 50 PSI FRAC THE ZONE WITH 110 800 GALLONS OF 60 QUALITY FOAM AT 50 TO 55 BPM WITH 101 000 LBS OF 20/40 BRADY SAND RAN FRICTION REDUCER (FRW 14) AT 1.00 GAL/1000 GALS SURFACTANT (FLO BACK 20) AT 1 GAL/1000 GALS FOAMER (FAW 4) AT 3 0 GAL/1000 GALS TOTAL N2 1 269 100 SCF PUMPED 45 BBL FLUID FLUSH MIN RATE 50 BPM MAX RATE 56 BPM AVG RATE 57 BPM MIN PSI 2 000 PSI MAX PSI 3 100 PSI AVG PSI 2 070 PSI MAX SAND CONC 1 05 PSA ISIP 1 100 PSI FRAC GRADIENT 46 PSI/FT (BASED OFF ISDP) FLUID TO RECOVER (BREAKDOWN ACID AND FRAC 1 170 CLEAN BBLS) PUMPED 1 285 SLURRY BBLS	Perforated, 5,496-6,074, 4/7/2009
6,074		
7,601		
7,611		
7,812	Tubing Pup Joint, 2 3/8in, 4.70lbs/ft, L-80, 7,825 ftKB, 7,827 ftKB; Tubing, 2 3/8in, 4.70lbs/ft, L-80, 7,827 ftKB, 7,897 ftKB; Hyd Frac-Slickwater 4/7/2009 DAKOTA STIMULATION (7 812 TO 8 012) SEE NOTE BELOW BREAKDOWN THE ZONE AT 2 130 PSI INCREASED RATE TO 20 BPM AT 2 160 PSI PUMPED 30 BBLS OF 2% KCL WATER SHUTDOWN PUMPING ISIP 650 PSI FRAC GRADIENT 52 PSI/FT START 10 BBLS OF 15% HCL ACID AT 8 BPM AT 400 PSI FRAC THE ZONE AT 40 TO 53 BPM WITH 87 260 GALLONS OF SLICKWATER AND 42 200 LBS OF 20/40 BRADY SAND RAN FRICTION REDUCER (FRW 14) AT 1 5 GAL /1000 GALS SURFACTANT (FLO BACK 20) AT 1 0 GAL/1000 GALS PUMPED 117 FLUSH BBLS	
7,894		Perforated, 7,812-7,916, 4/6/2009
7,897	MIN RATE 40 BPM MAX RATE 53 BPM AVG RATE 52 BPM MIN PSI 2 520 PSI MAX PSI 4 950 PSI AVG PSI 2 800 PSI MAX SAND CONC 1 8 PSA ISIP 1 350 PSI FRAC GRADIENT 60 PSI/FT (BASED OFF ISDP) FLUID TO RECOVER (BREAKDOWN ACID AND FRAC 2 472 CLEAN BBLS) PUMPED 2,518 SLURRY BBLS	
7,916	DURING THE 5 PSA SAND STAGE PRESSURE CLIMBED TO 4 900 PSI HAD TO SLOW PUMPING RATE TO 40 BPM CHECKED FRICTION REDUCER PUMP MADE ADJUSTMENT INCREASED PUMPING RATE BACK TO 53 BPM	
7,927	LOST COMPUTER MONITORING FOR 17 MINUTES DURING THE END OF THE JOB HAD TO USE BLENDER BPM BBL SAND COUNT AND PUMP TRUCK PRESSURE GAUGES TO COMPLETE THE JOB; Profile Nipple, 2 3/8in, 4.70lbs/ft, L-80, 7,927 ftKB, 7,928 ftKB	
7,928		
7,929	Mule Shoe W/ EXP Chk, 2 3/8in, 4.70lbs/ft, L-80, 7,929 ftKB, 7,930 ftKB	
7,932		Perforated, 7,932-8,012, 4/6/2009
8,012		
8,035	Production, 4 1/2in, 11.60lbs/ft, L-80, 15 ftKB, 8,036 ftKB	
8,036	Production Casing Cement, 1,300-8,037, 3/6/2009	
8,036	Cement Plug, 8,035-8,037, 3/6/2009	
8,037	TD, 8,037; Cement plug, 8,037-8,037, 3/6/2009	

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