

MCCARVILLE GAS UNIT C 4		NORTH AMERICA - NORTH AMERICA GAS - BP		
Region: NORTH AMERICA	Event: PROD OPS	Wellbore #: OH	Datum Elevation: 6,650.0ft	
Bus Unit: NORTH AMERICA GAS	Start Date: 9/3/2010	Top TMD: 16.5ft	Ground Level: 6,634.0ft	
Perf Unit: WEST	End Date: 9/3/2010	Bottom TMD: 3,810.0ft	Datum: ROTARY KELLY I	
Field: IGNACIO BLANCO	Objective: OPTIMIZATION	Spud: 8/6/2009 01:00	Report Date: 9/3/2010	
Asset: SAN JUAN	State/Prov: COLORADO	API No.: 0506709677	Slot No.:	

Casing Details	Casing Depths	Wellsketch (9/3/2010)	Equip Depth	Equip. Details	Perforations	STIM	LOG	Hole Depths
CASING PUPJOINT 8.625 in, , J-55, 28 CASING HANGER 5.5 in, , L-80 CASING PUPJOINT 8.625 in, , J-55, 28 CASING JOINTS 8.625 in, , J-55, 28 CASING PUPJOINT 5.5 in, , J-55, 15.5 CASING JOINTS 5.5 in, , J-55, 15.5 FLOAT COLLAR 8.625 in, , N-80 CASING JOINTS 8.63 in, , J-55, 29 CASING SHOE 8.625 in, , N-80	16.5ft 16.5ft 18.6ft 23.7ft 17.6ft 20.0ft 348.6ft 350.1ft 391.4ft 393.1ft		8.0ft 6.0ft 32.0ft 57.0ft	2-7/8"X 7"OD X .9' POLISHED ROD 1.25 in, ROD 1 in, , D PONY ROD 1 in,				16.5ft
MARKER JOINT 5.5 in, , J-55, 15.5 CASING JOINTS 5.5 in, , J-55, 15.5	2935.1ft 2974.9ft		8.9ft 61.0ft	2-7/8"EUE 8RD P-110 6.5# SRL T&C TUBING COIL TUBING 1 in,				403.0ft
FLOAT COLLAR 5.5 in, , N-80 CASING JOINTS 5.5 in, , J-55, 15.5 CASING SHOE 5.5 in, , N-80	3755.9ft 3757.1ft 3798.3ft 3799.8ft		3452.0ft 3456.0ft 3457.0ft 3482.0ft 3486.4ft 3487.5ft 3488.2ft 3486.0ft 3489.3ft 3521.8ft 3525.2ft	PONY 1" X 4' FT SHEAR TOOL 1 in, STICK 1" X 25' FT PONY ROD 1" X 4' 2-7/8" EUE 8RD L-80 "F" NIPPLE 2.28 ID 2-7/8"EUE 8RD EXPENDIBLE CHECK 2-7/8"EUE 8RD X 12" NIPPLE WITH 1/4" HOLES PUMP 2 1/2 X 2 X 20' 2-7/8" EUE 8RD P-110 6.5# SRL T&C TUBING 2-7/8" EUE 8RD J-55	3200.0ft 3210.0ft 3240.0ft 3250.0ft 3310.0ft 3320.0ft 3360.0ft 3370.0ft 3450.0ft 3460.0ft			3810.0ft