

SPARKS GAS UNIT B 2
NORTH AMERICA - NORTH AMERICA GAS - BP

Region: NORTH AMERICA Event: COM- ONSHORE Wellbore #: OH Datum Elevation: 6,742.0ft
 Bus Unit: NORTH AMERICA GAS Start Date: 12/2/2009 Top TMD: 16.0ft Ground Level: 6,726.0ft
 Perf Unit: WEST End Date: 8/27/2010 Bottom TMD: 3,698.0ft Datum: ROTARY KELLY BUSHING
 Field: IGNACIO BLANCO Objective: NEW DRILL Spud: 11/29/2009 21:15 Report Date: 8/27/2010
 Asset: SAN JUAN State/Prov: COLORADO API No.: 0506709693 Slot No.:

Casing Details	Casing Depths	Wellsketch (8/27/2010)	Equip. Depth	Equip. Details	Perforations	STIM	LOG	Hole Depths
CASING PUPJOINT 8.625 in, , J-55, 24 CASING HANGER 5.5 in, , L-80 CASING PUPJOINT 8.63 in, , J-55, 24 CASING JOINTS 8.625 in, , J-55, 24 CASING JOINTS 5.5 in, , J-55, 15.5 CASING JOINTS 5.5 in, , J-55, 15.5 FLOAT COLLAR 8.625 in, , K-55, 24 CASING JOINTS 8.625 in, , J-55, 24 FLOAT SHOE 8.625 in, , K-55, 24	16.5ft 16.5ft 18.6ft 23.8ft 17.9ft 20.2ft 436.3ft 437.7ft 478.5ft 480.2ft		14.5ft 12.0ft 38.0ft 63.0ft	CAMERON SEAL SUB HANGER 2.875" 26" FT POLISH ROD 1" X 25'FT MOLDED GUIDED STICK ROD 1" X 4'FT MOLDED GUIDED PONY ROD				16.5ft
MARKER JOINT 5.5 in, , J-55, 15.5 CASING JOINTS 5.5 in, , J-55, 15.5	2977.1ft 2986.4ft		67.0ft 15.3ft	1" #6R CO-ROD Tubing, Tubing, 2 7/8 , 6.5 , P-110, External-Ups				490.0ft
FLOAT COLLAR 5.5 in, , L-80 CASING JOINTS 5.5 in, , J-55, 15.5 FLOAT SHOE 5.5 in, , L-80	3644.3ft 3645.5ft 3687.1ft 3688.6ft		3361.0ft 3365.0ft 3366.0ft 3391.0ft 3395.0ft 3411.0ft 3412.5ft 3413.2ft 3414.3ft 3446.1ft 3449.6ft	1" X 4"FT PONY ROD 1" 20K DOG BONE SHEAR TOOL .875" X 25'FT STICK ROD .875" X 25'FT STICK ROD 2.5" X 1.5" X 16' RWAC INSERT PUMP 2.875" F-NIPPLE, L-80, 2.280 SEAL BORE BALL TYPE EXP. CHECK (2)-PREDRILLED 1/4" HOLE NIPPLE Tubing, Tubing, 2 7/8 , 6.5 , P-110, External-Ups 2.875" MULE SHOE	3230.0ft 3235.0ft 3250.0ft 3260.0ft 3308.0ft 3318.0ft 3370.0ft 3385.0ft			3698.0ft