

EnCana Oil Gas (USA) Inc.
Gap Drilling Plan Prognosis

GAP Name:	Parachute GAP	State:	Colorado
Well Name:	Federal 25-1BB	County:	Garfield
Pad Name:	PH25	Location (SL)	SE NE 25-7S-96W 1952 FNL 615 FEL
Rig Name		Location (BHL)	NE NE 25-7S-96W 1150 FNL 660 FEL
GL	6064		
KB	22'		

Geological Markers	MD	TVD	Comments
OHIO CREEK (Top Kmv)	3576	3516	
WILLIAMS FORK FM	4122	4051	
TOP GAS	4864	4786	
COAL RIDGE (Paludal)	6064	5986	
ROLLINS SS (Iles Fm)	6454	6376	
TD	6654	6576	
Permit TD	6864	6786	

Casing and Cementing Program					
DEPTH	HOLE SIZE	SIZE	WEIGHT	GRADE	CEMENT VOLUME
CONDUCTOR					
0-40'	± 24"	16"	0.25" Wall PE	X42	± 5 yds ready mix (to surface)
SURFACE CASING					
0' - 1100'	12-1/4"	8-5/8"	24#	J-55, STC, New	Lead: 289 sx, 12.5, G extended, 2.11 ft ³ /sk Tail: 178 sx, 15.8, Class G, 1.16 ft ³ /sk
NOTE: Lead cement includes excess equivalent to 80% Entire Annulus (Lead and Tail)					
PRODUCTION CASING					
0' to 6864'	7-7/8"	4-1/2"	11.6#	180, LTC, New	Lead: 246 sx, 12, TXI, 1.79 cuft/sk, Tail: 414 sx, 13 TXI, 1.43 ft ³ /sk, (30% excess each)

MUD PROGRAM				
DEPTH	MUD TYPE	DENSITY	VISCOSITY	LOSS
		lbs/gal	(sec/qt)	(cc)
0' - 1100'	Fresh Water Gel	8.8 - 9.0	28 - 35	NC
1100' - TD	LSND	9.0 - 9.3	35 - 55	10 - 5

ABNORMAL PRESSURES / TEMPERATURES / POTENTIAL HAZARDS				
Anticipated BHP	3257	psig	9.2	Anticipated MASP
				1764 psig
A cross sections of "sized" lost circulation material will be kept on location during drilling operations as a contingency for any fluid lost circulation. There are no known abnormal pressures, temperatures and/or potential hazards.				

LOGGING PROGRAM	
Mud Logger	None Anticipated
Coring	None Anticipated
DST	None Anticipated
Cased Hole Logs	CBL/CCL/GR/VDL/ RST(in lieu of PEX) to be run in accordance with State Regulations
Open Hole Logs	PEX Optional- At Operator's Discretion
Directional Surveys	Once every 200' with MWD in hole. Once every 1000' while vertical.

EnCana Contacts			
Geologist (Primary)	TJ Dewane	Office / Cell	720.876.5495 / 303.518.3630
Geologist (Secondary)	Stacy Rosner		720.876.5581 / 785.393.2447
Engineer (Drilling)	Frank Fernandez		720.876.3442 / 303.250.7849
Engineer (Completions)	Ryan McGilvery		720.876.3681 / 303.358.8684

ADDITIONAL OPERATOR COMMENTS
EnCana requests permission to drill the discussed well in a "S" shaped well design. Visit Master APD for further details.