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

GAP Name:	Parachute GAP	**State:**	Colorado
Well Name:	Federal 25-7	**County:**	Garfield
Pad Name:	PH25	**Location (SL)**	SE NE 25-7S-96W 1965 FNL 650 FEL
Rig Name		**Location (BHL)**	SW NE 25-7S-96W 2180 FNL 1980 FEL
GL	6064		
KB	22'		

Geological Markers	MD	TVD	Comments
OHIO CREEK (Top Kmv)	3640	3446	
WILLIAMS FORK FM	4182	3956	
TOP GAS	4920	4686	
COAL RIDGE (Paludal)	6170	5936	
ROLLINS SS (Iles Fm)	6529	6291	
TD	6725	6491	
Permit TD	6920	6686	

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 ft³/sk
					Tail: 178 sx, 15.8, Class G, 1.16 ft³/sk
NOTE: Lead cement includes excess equivalent to 80% Entire Annulus (Lead and Tail)					
PRODUCTION CASING					
					Lead: 245 sx, 12, TXI, 1.79 cuft/sk,
0' to 6920'	7-7/8"	4-1/2"	11.6#	I80, LTC, New	Tail: 414 sx, 13 TXI, 1.43 ft³/sk, (30% excess each)

MUD PROGRAM				
DEPTH	**MUD TYPE**	**DENSITY**	**VISCOSTIY**	**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 3209 psig 9.2 Anticipated MASP 1738 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.