

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

GAP Name:	Parachute GAP	State:	Colorado
Well Name:	Federal 25-1	County:	Garfield
Pad Name:	PH25	Location (SL)	SE NE 25-7S-96W 1951 FNL 600 FEL
Rig Name		Location (BHL)	NE NE 25-7S-96W 490 FNL 660 FEL
GL	6064		
KB	22'		

Geological Markers	MD	TVD	Comments
OHIO CREEK (Top Kmv)	3777	3536	
WILLIAMS FORK FM	4347	4066	
TOP GAS	5126	4836	
COAL RIDGE (Paludal)	6286	5996	
ROLLINS SS (Iles Fm)	6686	6396	
TD	6886	6596	
Permit TD	7076	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 7076'	7-7/8"	4-1/2"	11.6#	I80, LTC, New	Lead: 256 sx, 12, TXI, 1.79 cuft/sk, Tail: 404 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 - 9.5	35 - 55	10 - 5

ABNORMAL PRESSURES / TEMPERATURES / POTENTIAL HAZARDS

Anticipated BHP 3325 psig 9.4 Anticipated MASP 1832 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.