

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

<b>GAP Name:</b>	Parachute GAP	<b>State:</b>	Colorado
<b>Well Name:</b>	Federal Gardner 20-7BB	<b>County:</b>	Garfield
<b>Pad Name:</b>	PN-20	<b>Location (SL)</b>	SE SW 20-7S-95W 1066 FSL 2175 FWL
<b>Rig Name</b>		<b>Location (BHL)</b>	SW NE 20-7S-95W 1520 FNL 1980 FEL
<b>Elevation</b>			
<b>KB</b>	13		

Geological Markers	MD	TVD	Comments
WASATCH FM	SURF	SURF	
WASATCH MARKER	2536	2245	
OHIO CREEK (Top Kmv)	4318	3630	
WILLIAMS FORK FM	4936	4110	
TOP GAS	5710	4775	
COAL RIDGE (Paludal)	7096	6150	
Rollins	7496	6550	
Anticipated TD	7696	6750	
Permit TD	7841	6895	

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' – 800'	12-1/4"	8-5/8"	24#	J-55, STC, New	512 sx, 15.8#, Class G Neat, 1.16 ft³/sk
					(80% excess)
PRODUCTION CASING					
0' to 7841'	7-7/8"	4-1/2"	11.6#	180, LTC, New	Lead: 188 sx, 12, TXI, 1.79 cuft/sk, Tail: 639 sx, 13 TXI, 1.43 ft³/sk, (30% excess each)

MUD PROGRAM				
DEPTH	MUD TYPE	DENSITY	VISCOSITY	LOSS
		lbs/gal	(sec/qt)	(cc)
0' – 800'	Fresh Water Gel	8.8 - 8.9	28 – 35	NC
800' – TD	LSND	8.9 – 10.5	35 – 55	10 – 5

ABNORMAL PRESSURES / TEMPERATURES / POTENTIAL HAZARDS					
Anticipated BHP	3585	psig	10.0	Anticipated MASP	2069 psig

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)	Stacy Tincher	Office / Cell	720.876.5581 / 785.393.2447
Geologist (Secondary)	TJ Dewane		720.876.5495 / 303.518.3630
Engineer (Drilling)	Frank Fernandez		720.876.3442 / 303.250.7849
Engineer (Completions)	Ryan McGilvery		720.876.3631 / 303.358.8684

ADDITIONAL OPERATOR COMMENTS
EnCana requests permission to drill the discussed well in a "S" shaped well design.