Well Name : 100/06-15-076-06W4

Well Code : 20254PK

Interval : 318.00m - 385.00m PALYNOLOGY

Scale : 1:500 GROUP & SPECIES ABUNDANCES

Chart date: 09 November 2016 G.DOLBY

Alberta Energy Regulator

AGS ALBERTA GEOLOGICAL SURVEY

G.Dolby and Associates
Calgary

Released as part of Appendix 5 in AER/AGS Open File Report 2017-08

Project : 2025
Chart : 100/06-15-076-06W4 Composite

Text Keys
*1 Devonian marls/limestones
*2 Absolute abundance (10mm=100 counts)
*3 ALBO

Depth	Gamma Log 0 (API) 150	Deep Induction 1 (ohm m/m) 1000	Lithostratigraphy / Formation	Samples in Discipline(s) : Paly Samples Barren	DC *2: Dinocysts indet. / Dinocysts marine / Nyktericysta Group / Vesperopsis Group	Spores And Pollen *2: Bisaccate pollen / Gymnosperms misc. / TCT pollen indet. / Pteridophyte spores misc. / Schizaceous spores	Comments	PALYNOFACIES	Samples in Discipline(s) : Paly Samples Barren	*3 *2: Schizophacus parvus	AC *2: Cyclopsiella spp.	Dinoflagellate Cysts *2: Dinocysts freshwater / Circulodinium brevispinosum / Dinocyst OS1 / Fromea amphora / Fromea OS1 / Nyktericysta spp. / Oligosphaeridium `michouxii` / Palaeoperidinium cretaceum / Pseudoceratium pelliferum / Vesperopsis spp.	Spores And Pollen Absolute abundance (10mm=100 counts): Cerebropollenites mesozoicus / Cicatricosisporites spp. / Classopollis spp. / Concavissimisporites purverulentus / Concavissimisporites trioreticulosus / Foraminisporis asymmetricus / Gleicheniidites senonicus / Osmundacidites spp. / Pilosisporites trichopapillosus / Triporoletes reticulatus / Aequitriradites verrucosus / Callialasporites dampieri / Concavissimisporites apiverrucatus / Concavissimisporites subgranulosus / Contignisporites cooksoniae / Foraminisporis wonthaggiensis / Microreticulatisporites uniformis / Microreticulatisporites "interruptus"	Depth
320m			Wabiskaw C											320m
325m			Wabiskaw D 321.2											325m
330m			330.0											330m
335m			?Middle McMurray											335m
340m				342.70	3 3 2 1	88 23 78 2	Stg: EP. Modest number of marine and OS cysts.	COOP + OS	342.70	1 1	2 2 2 1 2 1 2 1 2	13 1 3 1 2 1		340m
345m														345m
350m				351.30	1	110 1 12 68 9	Stg: EP. 1 FW cyst NIC.	Hr*	351.30	1	35 3 4 3 1 1 1 3 3 1 4 3			350m
355m			353.4											355m
360m			?Lower McMurray											360m
365m				365.65		154 16 41 7	Stg: EP.	Hr*	365.65		2 23 3 5 1 1 2 1 1 5			365m
370m														370m
375m														375m
380m			380.0 *1											380m
385m			385.0											385m