

ARCRES HZ PARKLAND F12-07-081-16W6

GEOLOGICAL MARKERS

KB:770.85

Formation	Prognosis			Samples			Formation		
	MD (m)*	TVD (m)	Subsea (m)	MD (m)	TVD (m)	Subsea (m)	MD (m)	TVD (m)	Subsea (m)
BFS	436.85	436.85	334.00	-	-	-	-	-	-
Paddy	681.35	681.35	89.5	-	-	-	-	-	-
Harmon	738.35	738.35	32.5	-	-	-	-	-	-
Notikewin	771.85	771.85	-1.0	-	-	-	-	-	-
Falher	837.35	837.35	-66.5	-	-	-	-	-	-
Wilrich	1034.85	1034.85	-264.0	-	-	-	-	-	-
Bluesky	1093.85	1093.85	-323.0	1098.6	1098.57	-327.72	1098.6	1098.57	-327.72
Gething	1131.85	1131.85	-361.0	1135.0	1135.0	-364.15	1135.0	1135.0	-364.15
Cadomin	1249.85	1249.85	-479.0	1257.5	1257.5	-486.65	1257.5	1257.5	-486.65
Nikanassin	1292.85	1292.85	-522.0	1289.6	1289.5	-518.65	1289.6	1289.5	-518.65
Fernie Group	1362.35	1362.35	-591.5	1374.4	1374.3	-603.45	1374.4	1374.3	-603.45
Rock Creek	1424.35	1424.35	-653.5	1425.1	1424.9	-654.05	1425.1	1424.9	-654.05
Poker Chip	1434.35	1434.35	-663.5	1433.1	1433.0	-662.15	1433.1	1433.0	-662.15
Nordegg Mbr	1473.85	1473.85	-703.0	1479.0	1478.8	-707.95	1479.0	1478.8	-707.95
Baldonnel Fm	1500.85	1500.85	-730.0	1505.2	1505.0	-734.15	1505.2	1505.0	-734.15
Charlie Lake Fm	1553.35	1553.35	-782.5	1556.8	1556.7	-785.85	1556.8	1556.7	-785.85
Boundary Lk Anhydrite	1637.85	1637.85	-867.0	1639.1	1639	-868.15	1639.1	1639	-868.15
Halfway	1819.69	1817.85	-1047.0	1820.5	1817.7	-1046.85	1820.5	1817.7	-1046.85
Doig	1834.62	1831.85	-1061.0	1835.8	1831.8	-1060.95	1835.8	1831.8	-1060.95

ARCRES HZ PARKLAND F12-07-081-16W6

Formation	Prognosis			Samples			Formation		
	MD (m)*	TVD (m)	Subsea (m)	MD (m)	TVD (m)	Subsea (m)	MD (m)	TVD (m)	Subsea (m)
Doig Phosphate	1964.12	1933.85	-1163.0	1961.2	1932.2	-1161.35	1961.2	1932.2	-1161.35
Montney MA5	1988.14	1947.85	-1177.0	1987.2	1948.3	-1177.45	1987.2	1948.3	-1177.45
Montney MA4	2005.57	1957.85	-1187.0	2003.3	1957.5	-1186.65	2003.3	1957.5	-1186.65
Montney MA3	2041.14	1977.85	-1207.0	2042.3	1978.7	-1207.85	2042.3	1978.7	-1207.85
Montney MA2	2083.87	1996.85	-1226.0	2087.4	1997.3	-1226.45	2087.4	1997.3	-1226.45
Heel	2175.79	1972.82	-1243.0	2190	2013.53	-1242.68	2190	2013.53	-1242.68
Midpoint	3040.79	1972.82	-1243.0	3049.2	2014.42	-1243.57	3049.2	2014.42	-1243.57
Total Depth	3915.85	1972.82	-1243.0	3919	2013.83	-1242.98	3919	2013.83	-1242.98

ARCRES HZ PARKLAND F12-07-081-16W6

LOGGING INFORMATION

Log Type (name)	Run No.	End Date	From (m)		To (m)		BHT (deg C)
			MD	TVD	MD	TVD	
Measurement While Drilling (MWD)	1	12/02/2017	459	459	1720	1719.94	~60 deg
Type: Gamma MD & TVD	2	15/02/2017	1720	1719.94	2190	2013.53	~65 deg
Type: Gamma MD & TVD	3	17/02/2017	2190	2013.53	3919	2013.83	~65 deg