

DAILY GEOLOGICAL REPORT												
MGM												
WELL NAME			LOCATION			CONTRACTOR			RIG #			
MGM SHELL East MacKay I-78			NWT			Akita Drilling			37			
DATE		REPORT	REPORTING TO		WELLSITE GEOLOGIST		Rig PHONE		Cell Phone			
20-Feb-2013		26	Paul Price		Dave Prior		403-648-1919		403-850-7590			
KB (m)		GL (m)	SPUD DATE		DAY No.		FORMATION		WEATHER CONDITIONS			
161.2		155.0	1/27/13		24		Hume		-30C, mod - strong wind			
06:00 STATUS: POOH												
0600 DEPTH		LAST REPORT	PROGRESS		BIT #	Bit Type		BIT SIZE		TOTAL MTRS	Bit Hrs	
2001		2001	0		6	AB41A9		216		0	5	
DRILLING FLUID		DEN (kg/m^3)		VISCOSITY		WATER LOSS		pH	DAILY DRLG HRS		ROP (m/hr)	
gel chem		1130		100		6.0		9	0		#DIV/0!	
OPERATIONS SUMMARY - PAST 24 HOURS												
Trip to bottom, clean and condition, trip out.												
OPERATIONS FORECAST - NEXT 24 HOURS												
Finish tripping out, rig up and run casing, cement casing.												
BACKGROUND TOTAL GAS (Units, 100 Units = 1%)						GAS SHOWS (Units, 100 Units = 1%)						
From	To	ROP	Max	Avg	Gross Lith.	From	To	Max	Prev.	Lithology		
FORMATION / MARKER TOPS												
FORMATION		PROGNOSIS		SAMPLE			FORMATION		PROGNOSIS		SAMPLE	
MARKER TOPS		SS	TVD	MD	TVD	SS	MARKER TOPS		SS	TVD	MD	TVD
East Fork		151.00	10.00	129.0	129.0	32						
Little Bear Upper		-571.00	732.00	764.0	764.0	-603						
Little Bear Middle		-711.00	872.00	887.0	887.0	-726						
Little Bear Lower		-984.00	1145.00	1161.0	1161.0	-1000						
Slater River		-1014.00	1175.00	1188.0	1188.0	-1027						
Slater Rad. Sh.		-1245.00	1406.00	1409.0	1409.0	-1248						
Arctic Red Upper		-1254.0	1415.00	1434.0	1434.0	-1273						
Basal Cret. Unc.		-1303.0	1464.00	1482.0	1482.0	-1321						
Imperial Lower		-1303.0	1464.00	1482.0	1482.0	-1321						
Canyon SS.		-1556.0	1717.00	1700.0	1700.0	-1539						
Base Canyon		-1575.0	1736.00	1731.0	1731.0	-1570						
Canol Upper		-1663.0	1824.00	1820.0	1820.0	-1659						
Canol Middle		-1696.0	1857.00	1855.0	1855.0	-1694						
Canol Lower		-1700.0	1861.00	1860.0	1860.0	-1699						
Hare Indian		-1759.0	1920.00	1918.0	1918.0	-1757						
Blue Fish		-1784.0	1945.00	1937.0	1937.0	-1776						
Hume Upper		-1804.0	1965.00	1957.0	1957.0	-1796						
TD		-1859.0	2020.00	2001.0	2001.0	-1840						
COMMENTS: UWID:												
Mudlogger rigged out, leaving today, geologist leaving today.												