



Company : Karoon Gas Pty Ltd

Well : Megascolides 2

Interval : 2050.00 - 2149.84 meters

Created : 01/Feb/2007 5:38:52 AM



INTEQ

### FORMATION EVALUATION LOG

RATE OF PENETRATION	LITHOLOGY INTERPRETED	MD meters	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS	CHROMATOGRAPH	REMARKS
ROP (0-50m/hr)  Backup ROP (50-200m/hr)  WOB (klb)  TORQUE AVG 						0.1   0.2   0.3   0.4   0.5 %	1 Methane ppm 10000 1 Ethane ppm 10000 1 Propane ppm 10000 1 iso-Butane ppm 10000 1 n-Butane ppm 10000 1 iso-Pentane ppm 10000 n-Pentane ppm	
WOB: 8-31klbs RPM: 90-123 Flow in: 345-455gpm SPP: 2020-2536psi  29/01/2007 30/01/2007 NB#7 8-1/2" Sec DBS, EBXS16DS Jets: 6x11, In: 2065m, Out: 2130 m Drilled: 65m in 25.1hrs Bit Grade: 1-2-WT-S-3-IN-NO-TD  WOB: 22-35klbs RPM: 50-114 Flow in: 255-458gpm SPP: 1730-2265psi  31/01/2007		50 2060 2070 2080 2090 2100 2110 2120 2130 2140				TG 0.20% @ 2065m C G 0.033% @ 2076m C G 0.017% @ 2084.5m C G 0.017% @ 2095.6m C G 0.021% @ 2104.7m	10   100   1000   10000	Survey @ 2055m = 8½° S63°E Claystone: dk-v dkbrn, sli stly, v carb-grd -coal, tr micmic, hd, sbfiss Fluorescence (2060m-2065m): the marble(?) has trace dull rr mod bri ptchy pl yell wh fluor gvng a v wk mlky wh crsh cut, tr res Marble(?): off wh-ltgy, rr grn, micxln where cutting intact bulk of smpl sft/mushy, sli-v argll, hd Methamorphics(spotted Argillite): spckld lt brn -brn blk, cryptxln text argillite, hd Unidentified: ltgy, hom-speckld, mot i/p, cryp-micxln, tr flw or stress bndng i/p, tr vesc(?), in fill w/brn yell or grn mnrls, com mic-macrystln calc infil fract and patches, com-macrystln mnrl in fill veins and patches, trace bright grn serpentin(?) ptchs, non-occ v calc ,hard MWIN:9.45ppg Mud temp:59.8deg PV/YF:18/28 FV:58 Gels:4/7 Solids:6.8% pH:10 Unidentified: ltgy, hom-speckld, mot i/p, cryp-micxln, tr flw or stress bndng i/p, tr vesc(?), in fill w/brn yell or grn mnrls, com mic-macrystln calc infil fract and patches, com-macrystln mnrl in fill veins and patches, trace bright grn serpentin(?) ptchs, non-occ v calc ,hard Well TD @ 2130m MD on 31st Jan 2007 at 0850 Hrs

# FORMATION EVALUATION LOG

RATE OF PENETRATION	INTERPRETED LITHOLOGY	MD meters 1:500	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS	CHROMATOGRAPH	REMARKS																																																																
<p style="text-align: center; color: blue;">ROP (0-50m/hr)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid blue;">5</td> <td style="border: 1px solid blue;">10</td> <td style="border: 1px solid blue;">15</td> <td style="border: 1px solid blue;">20</td> <td style="border: 1px solid blue;">25</td> <td style="border: 1px solid blue;">30</td> <td style="border: 1px solid blue;">35</td> <td style="border: 1px solid blue;">40</td> <td style="border: 1px solid blue;">45</td> <td style="border: 1px solid blue;">50</td> </tr> </table> <p style="text-align: center; color: blue;">Backup ROP (50-200m/hr)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid blue;">5</td> <td style="border: 1px solid blue;">10</td> <td style="border: 1px solid blue;">15</td> <td style="border: 1px solid blue;">20</td> <td style="border: 1px solid blue;">25</td> <td style="border: 1px solid blue;">30</td> <td style="border: 1px solid blue;">35</td> <td style="border: 1px solid blue;">40</td> <td style="border: 1px solid blue;">45</td> <td style="border: 1px solid blue;">50</td> </tr> </table> <p style="text-align: center; color: red;">WOB (klb)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid red;">5</td> <td style="border: 1px solid red;">10</td> <td style="border: 1px solid red;">15</td> <td style="border: 1px solid red;">20</td> <td style="border: 1px solid red;">25</td> <td style="border: 1px solid red;">30</td> <td style="border: 1px solid red;">35</td> <td style="border: 1px solid red;">40</td> <td style="border: 1px solid red;">45</td> <td style="border: 1px solid red;">50</td> </tr> </table> <p style="text-align: center; color: green;">TORQUE AVG</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px dashed green;">5</td> <td style="border: 1px dashed green;">10</td> <td style="border: 1px dashed green;">15</td> <td style="border: 1px dashed green;">20</td> <td style="border: 1px dashed green;">25</td> <td style="border: 1px dashed green;">30</td> <td style="border: 1px dashed green;">35</td> <td style="border: 1px dashed green;">40</td> <td style="border: 1px dashed green;">45</td> <td style="border: 1px dashed green;">50</td> </tr> </table>						5	10		15	20	25	30	35	40	45	50	5	10	15	20	25	30	35	40	45	50	5	10	15	20	25	30	35	40	45	50	5	10	15	20	25	30	35	40	45	50						TOTAL GAS	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black;">1</td> <td style="border: 1px solid black;">Methane ppm</td> <td style="border: 1px solid black;">10000</td> </tr> <tr> <td style="border: 1px solid red;">1</td> <td style="border: 1px solid red;">Ethane ppm</td> <td style="border: 1px solid red;">10000</td> </tr> <tr> <td style="border: 1px solid green;">1</td> <td style="border: 1px solid green;">Propane ppm</td> <td style="border: 1px solid green;">10000</td> </tr> <tr> <td style="border: 1px solid blue;">1</td> <td style="border: 1px solid blue;">iso-Butane ppm</td> <td style="border: 1px solid blue;">10000</td> </tr> <tr> <td style="border: 1px solid magenta;">1</td> <td style="border: 1px solid magenta;">n-Butane ppm</td> <td style="border: 1px solid magenta;">10000</td> </tr> <tr> <td style="border: 1px solid green;">1</td> <td style="border: 1px solid green;">iso-Pentane ppm</td> <td style="border: 1px solid green;">10000</td> </tr> <tr> <td style="border: 1px solid black;"></td> <td style="border: 1px solid black;">n-Pentane ppm</td> <td style="border: 1px solid black;"></td> </tr> <tr> <td style="border: 1px solid black;"></td> <td style="border: 1px solid black;">10   100   1000   10000</td> <td style="border: 1px solid black;"></td> </tr> </table>	1	Methane ppm	10000	1	Ethane ppm	10000	1	Propane ppm	10000	1	iso-Butane ppm	10000	1	n-Butane ppm	10000	1	iso-Pentane ppm	10000	
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%				