BAKER HUGHES INTEQ

Company : CO2CRC
Well : CRC-1
Interval : 1999.00 - 2253.84 meters
Created : 09/Mar/2007 6:21:09 AM

CO2CRC PILOT PROJECT LTD

FORMATION EVALUATION LOG

RATE OF PENETRATION
ROP (0-100m/hr)
Backup ROP (100-200m/hr)
WOB (klb)
TORQUE AVG

INTERPRETED LITHOLOGY

MD meters 1:500

LITHOLOGY

CORE

OIL SHOWS

TOTAL GAS
TOTAL GAS %
BACKUP TOTAL GAS %

CHROMATOGRAPH
Methane ppm
Ethane ppm
Propane ppm
iso-Butane ppm
n-Butane ppm
iso-Pentane ppm
n-Pentane ppm

REMARKS

WOB: 7-9klbs
RPM: 103-117
Flow: 244-253gpm
SPP: 1118-1240psi

Start Controlled Drilling

Stop Controlled Drilling

05/03/2007

Bit#3RR4: MCP662 6.75" Core PDC
TFA 0.8
Depth in 2033m, out:2051m
18m/24.1 hrs
Grading:1-1-IN-A-X-I-NO-BHA

07/03/2007

WOB: 7-15klbs
RPM: 74-124
Flow: 109-252gpm
SPP: 581-1202psi

Bit#3RR5: MCP662 6.75" Core PDC
TFA 0.8
Depth in 2051m, out:2075.5m
24.5m/5.0 hrs
Grading:1-1-IN-A-X-I-NO-BHA

08/03/2007

Bit#4RR1: 6-3/4" DSX173DGJW PDC
Jets: 4 x 12, In: 2075.5m, Out: 2249m
Drilled: 173.5m in 10.0hrs
Bit Grade: ??????????

0.1927% @ 2045m
0.2090% @ 2050m
0.9736% @ 2056m
0.4119% @ 2067m
0.4464% @ 2074m

Claystone: dk gy, occ gy, sl slty, mod carb, tr blk carb flks, com dk grn glau, tr Inoceramus, com slickensides, tr py, com micmic, mod hd-occ fm, sl subfiss.

Survey @ 2022m = 0.75 deg incl

Claystone: lt bn gy-med gy-med grn gy-med bn,sl-mod slty,nil-abdn v f qzt & alt feld sd grns i/p,tr med bn crypxtln dol,tr bk carb flk, tr mic mic, mod hd, sl sbfiss

Claystone: med gy-med-dk bn gy-med bn,mod slty,tr v f qzt & alt feld sd grns i/p,tr glau,sl calc i/p,tr pyt,tr bk carb flk, tr mic mic, mod hd, sl sbfiss

Core#5 Cut 2033m-2051m
Recovery 6.6m=36.7%

Sandstone: off wh, vf-f, rr-com med-v crs grn, dom vf, sbang-sbrnd,mod srtd, wk sil cmt, abnt wh arg mtx, qtzose w/abnt altrd feldspr grn, tr blk carb spks, fri, pr vis por, no oil

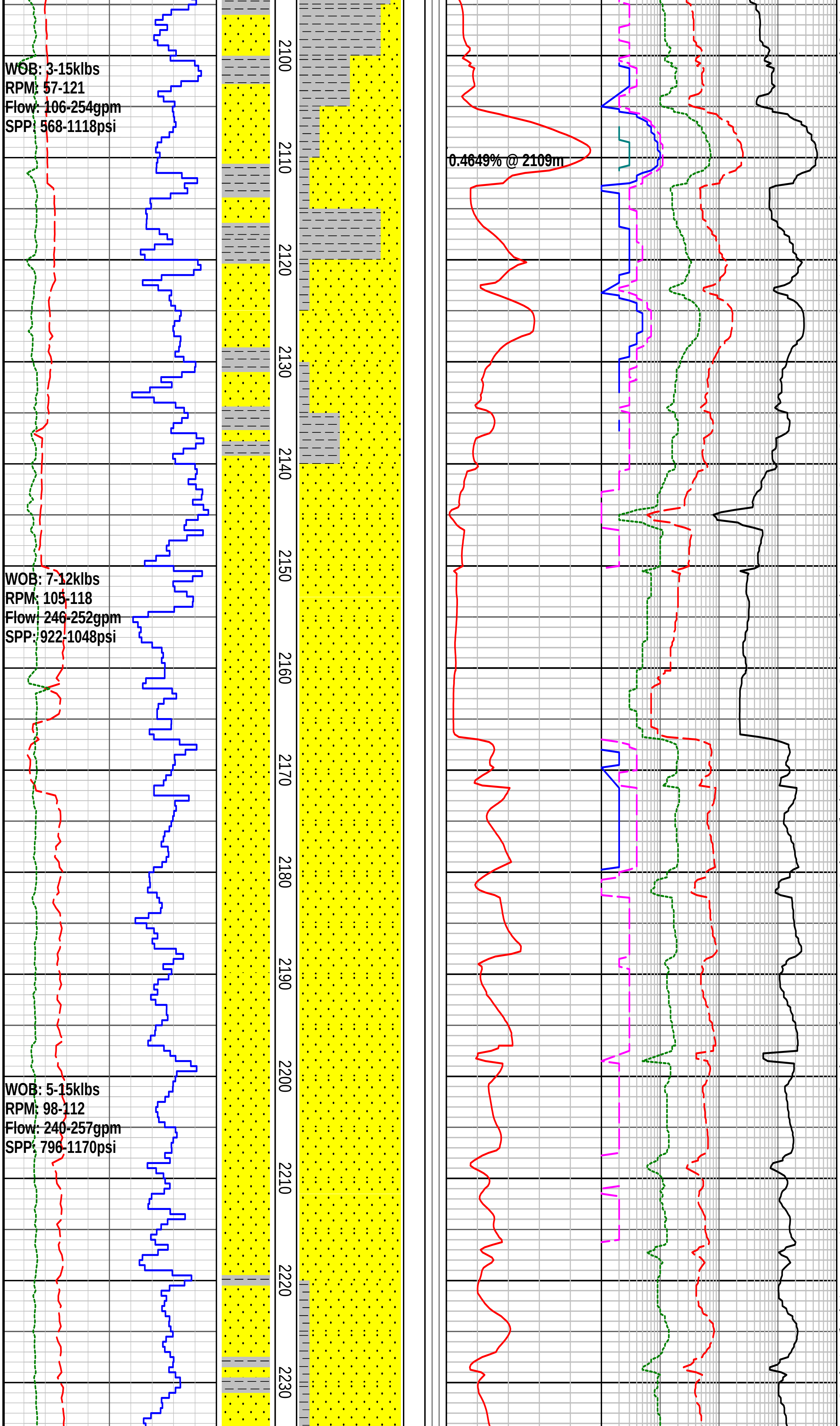
Sandstone: lt gy, vf-rr pebble, dom crs-v crs, ang-sbrnd, v pr srtd, wk sil cmty, tr wh arg mtx, clr-opq qtz grn, tr blk coal det, fri, fr-v good vis por, no oil fluor.

Core#6 Cut 2051m-2075.5m
Recovery 23.5m=96.0%

Sandstone: lt gy, vf-pebble, dom v crs, ang-sbrnd, v pr srtd, weak sil cmt tr-com off wh arg mtx, clr-opq qtz grn, ter blk coal det & lam, fri, good vis por, no oil fluor, tr laminae of Coal: v dk gy-blk, sl-dom v arg, tr micmic, com slickensides, sft-fm.

Claystone: v dk gy-gy, sl slty, v carb, tr slickensides, com micmic, mod hd-occ hd, sl subfiss.

MWIN:9.45ppg Mud temp:40deg
PV/YP:15/19FV:54Gels:3/4
Solids:6.4% pH:9.8



Sandstone: lt gy, vf-v crs, dom v crs, ang-sbrnd, v pr srtd, weak sil cmt, tr-com off wh arg mtx, clr-opq qtz grn, ter blk coal det & lam, fri, good vis por, no oil fluor.

Sandstone: off wh-lt gy, vf-f, com med-crs grns, dom f, ang-sbrnd, pr srtd, mod sil cmt, com-abdn wh arg mtx, qztose w/abdn alt feld grns, tr bk carb spck & detri, mod hd, pr vis

Claystone: med-dk-gy-med bn gy,v slty, oft v f arena w/qzt & alt feld grns, sl carb, com bk carb flks & coaly detri,tr pyt, com mic mic, mod hd, sl sbfiss

Claystone: med bn-med-dk-bn gy,v slty, oft v f arena w/qzt & alt feld grns, sl carb, com bk carb flks & coaly detri,tr pyt, com mic mic, mod hd, sl sbfiss

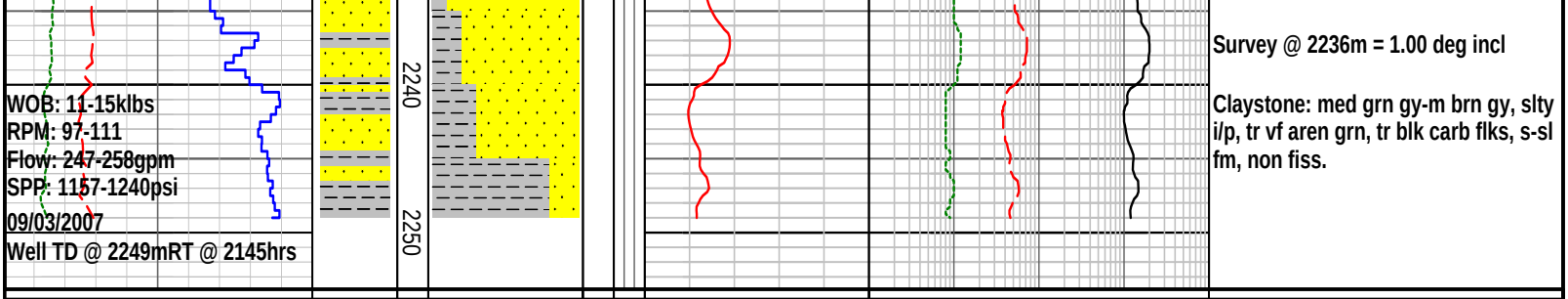
Sandstone: lt-med gn gy, vf-med, dom f, sbang-sbrnd, mod-wl srtd, mod sil & wk calc cmt, abdn wh arg mtx-mtx spptd, abdn alt feld & gy gn lith grns, tr rd bn lith, tr-com qzt grns, tr bk carb detri, fri, v pr vis por, no oil fluor

Sandstone: lt-med gn gy, vf-med, dom f, sbang-sbrnd, mod-wl srtd, mod sil & wk calc cmt, abdn wh arg mtx-mtx spptd, abdn alt feld & gy gn lith grns, tr rd bn lith, tr-com qzt grns, tr bk carb detri, fri, v pr vis por, no oil fluor

Sandstone: lt-med gn gy, vf-med, dom f, sbang-sbrnd, mod-wl srtd, mod sil & wk calc cmt, abdn wh arg mtx-mtx spptd, abdn alt feld & gy gn lith grns, tr rd bn lith, tr-com qzt grns, tr bk carb detri, fri, v pr vis por, no oil fluor

MWIN:9.45ppg Mud temp:44.5deg
PV/YP:15/17FV:52Gels:3/4
Solids:6.5% pH:9.8

Sandstone: lt-med gn gy, vf-med, dom f, sbang-sbrnd, mod-wl srtd, mod sil & wk calc cmt, abdn wh arg mtx-mtx spptd, abdn alt feld & gy gn lith grns, tr rd bn lith, tr-com qzt grns, tr bk carb detri, fri, v pr vis por, no oil fluor



FORMATION EVALUATION LOG

RATE OF PENETRATION

ROP (0-100m/hr)

100 90 80 70 60 50 40 30 20 10

Backup ROP (100-200m/hr)

200 190 180 170 160 150 140 130 120 110

WOB (klb)

5 10 15 20 25 30 35 40 45 50

TORQUE AVG

5 10 15 20 25 30 35 40 45 50

INTERPRETED LITHOLOGY

MD meters 1:500

LITHOLOGY

CORE

OIL SHOWS

TOTAL GAS

TOTAL GAS

0.1 0.2 0.3 0.4 0.5

%

BACKUP TOTAL GAS

0.6 0.7 0.8 0.9 1

%

CHROMATOGRAPH

Methane ppm 1 — 10000

Ethane ppm 1 — 10000

Propane ppm 1 — 10000

iso-Butane ppm 1 — 10000

n-Butane ppm 1 — 10000

iso-Pentane ppm 1 — 10000

n-Pentane ppm

10 | 100 | 1000 | 10000

REMARKS