Paramount resources

4700 Bankers Hall West, 888 3rd Street SW Calgary, Alberta, Canada T2P 5C5 www.paramountres.com
tel 403 290 3600 fax 403 262 7994

TRANSMITTAL

Date: May 27, 2015

NATIONAL ENERGY BOARD
517 10th Avenue SW
Calgary, Alberta
T2R 0A8

Attention: Garry Woo

Please find enclosed:

MGM Energy Corp — Licence: 1202

MGM Shell East MacKay I-78 – Northwest Territories — UID: 3001786450125 30

Baker Hughes

1 CD with 2 paper copies included:
- Magnetic Resonance Explorer Log 2D Analysis vs Core Data
- Rockview Analysis vs Core Data

Received by:_____ **Date:**_____

Please acknowledge receipt of the above information by signing and returning this form to Maureen.Barker@paramountres.com.

COMPANY MGM ENERGY CORP

WELL MGM SHELL EAST MACKAY I-78

FIELD EAST MACKAY

PROVINCE NORTHWEST TERRITORIES

LOCATION: UID 300178645012S 30

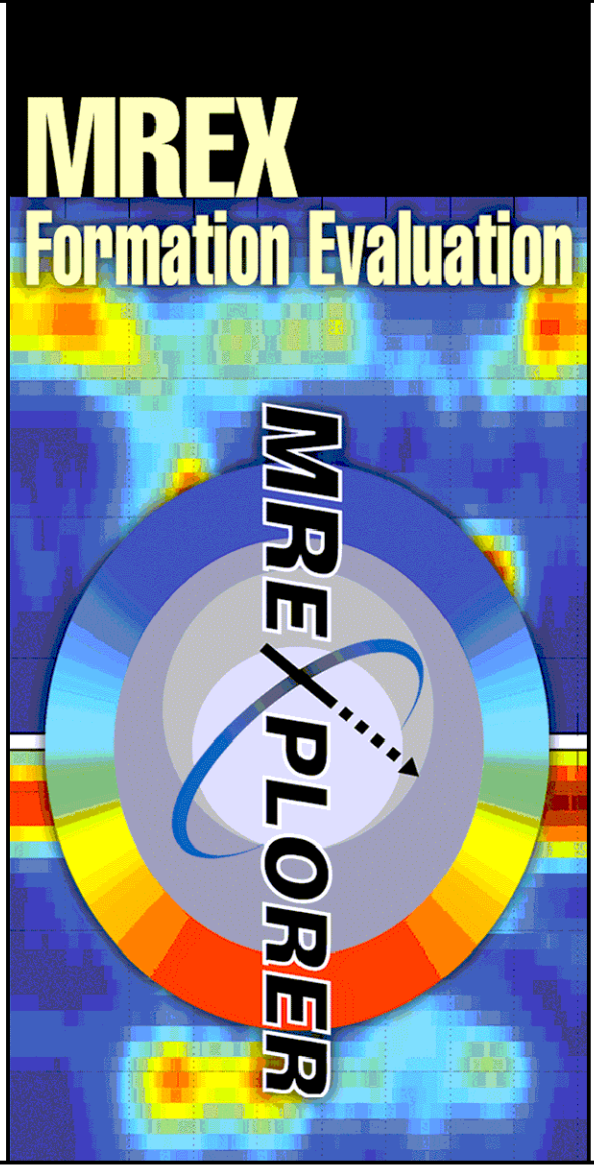
LAT 64.795 N LONG 125.722 W

ELEVATIONS:

KB 161.20 M DF GL 155.00 M

DATE 19-FEB-2013 ECC CA215446

MAGNETIC RESONANCE EXPLORER LOG
2D ANALYSIS VS CORE DATA



BAKER HUGHES

BOREHOLE RECORD

BIT SIZE	FROM	TO
311.0 MM	0.0 M	401.8 M
222.0 MM	401.8 M	2001.0 M

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
244.5 MM	59.5 KG/M	NA	0.0 M	401.8 M

REMARKS

TIME STOPPED CIRCULATION: 18-FEB-2013 01:30 PM.

CORRELATED TO BAKER HUGHES WIRELINE 29-JAN-2013.

MREX DATA RECORDED IN POROPERM + LIGHT OIL ACQUISITION MODE.

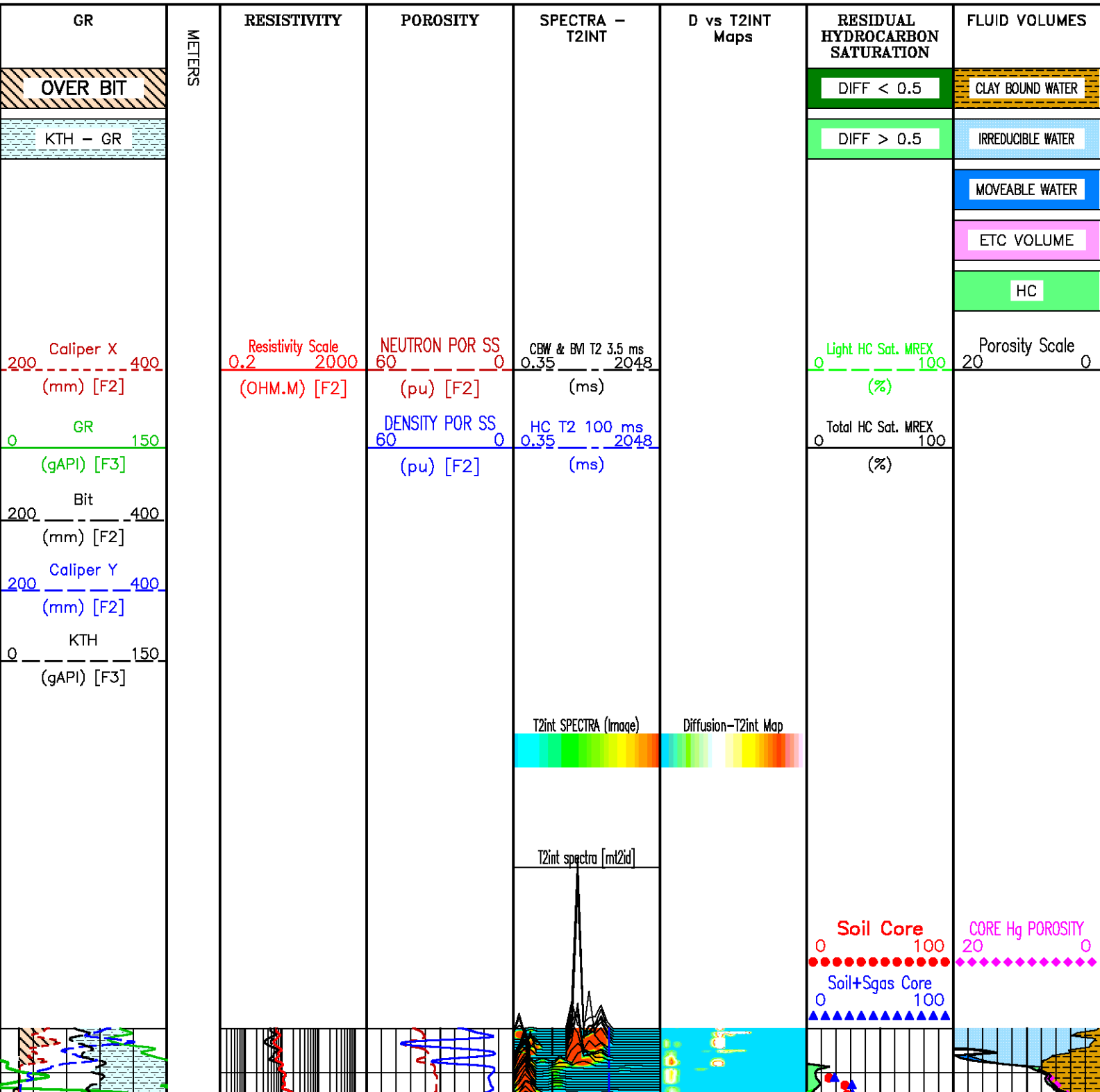
MUD TYPE WATER BASED GELCHEM 1130 G/L.

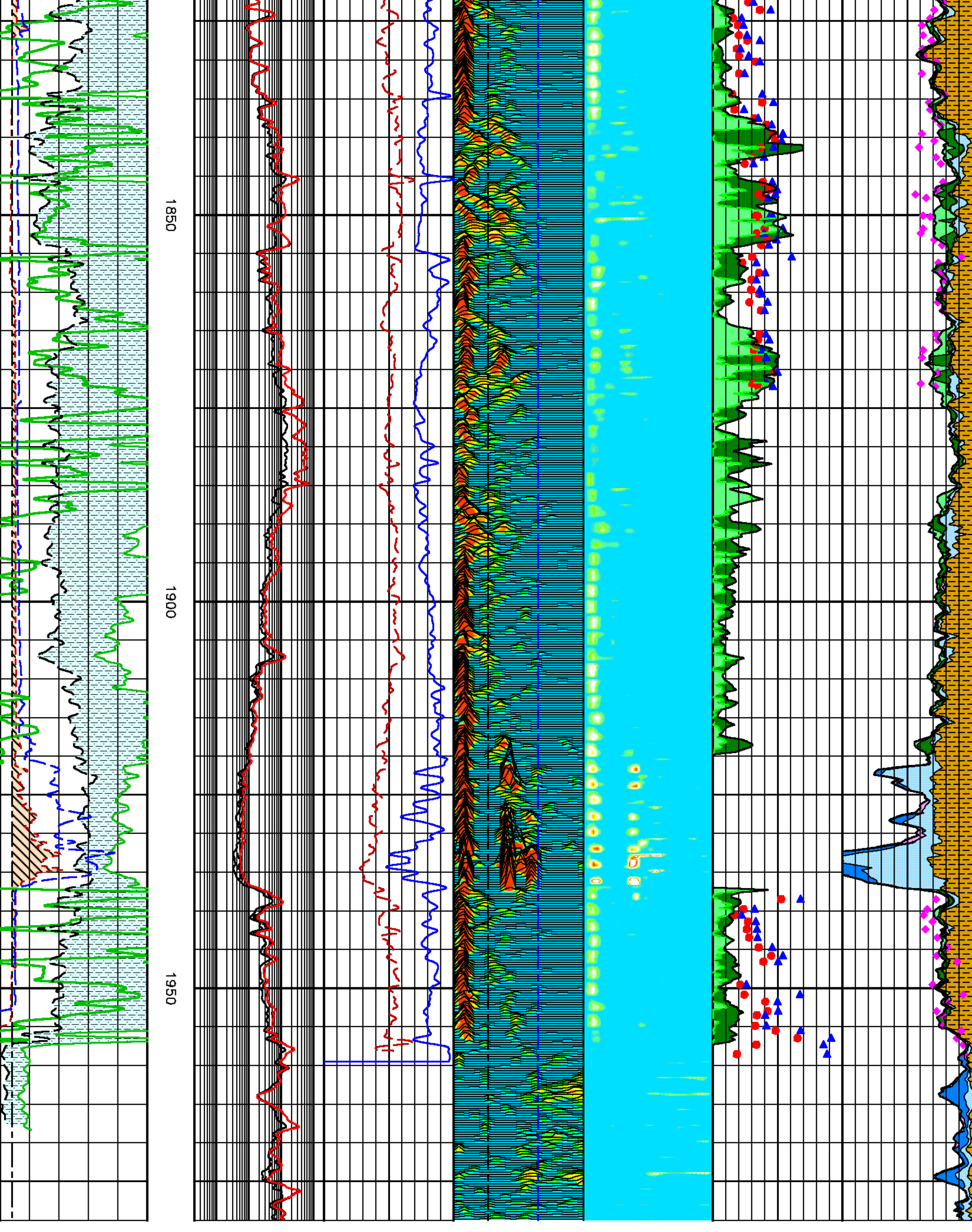
T2 CUTOFFS USED CBW: 1.3MS, BVI 3.5 MSEC, HC 3.5MS - 100MS
BASIC PROCESSING IS ALSO DONE WITH CBW 3.5MS AND BVI 33MS.

2D HC SATURATION ANALYSIS:
HYDROCARBON IS MARKED BETWEEN T2INTR RANGE 3.5MS - 100MS.
THIS RANGE IS FURTHER SUBDIVIDED INTO DIFFUSIVITY > 0.5 (LIGHT OIL)
AND D < 0.5 (HEAVIER OIL).

** THE T2 AND DIFFUSIVITY RANGES FOR UNCONVENTIONAL SHALE-OIL IS STILL AN AREA OF RESEARCH. THESE VALUES MAY NEED REVISION AS INTERPRETATION MODELS ARE DEVELOPPED.
MREX DATA PRESENTED WITH CORE DATA ON THE LOGS.
THE PRESENT MODEL SHOWS A REASONABLE AGREEMENT BETWEEN CORE DATA AND MREX DATA.

MREX 2D SATURATION ANALYSIS VS CORE SATURATION





COMPANY MGM ENERGY CORP

FILE NO:

BAKER HUGHES

MREX Formation Evaluation

COMPANY	MGM ENERGY CORP
WELL	MGM SHELL EAST MACKAY I-78
FIELD	EAST MACKAY
PROVINCE	NORTHWEST TERRITORIES

FILE NO:

API NO:

LOCATION:

UID 3001786450125 30

LAT 64.795 N LONG 125.722 W

ELEVATIONS:

KB 161.20 M

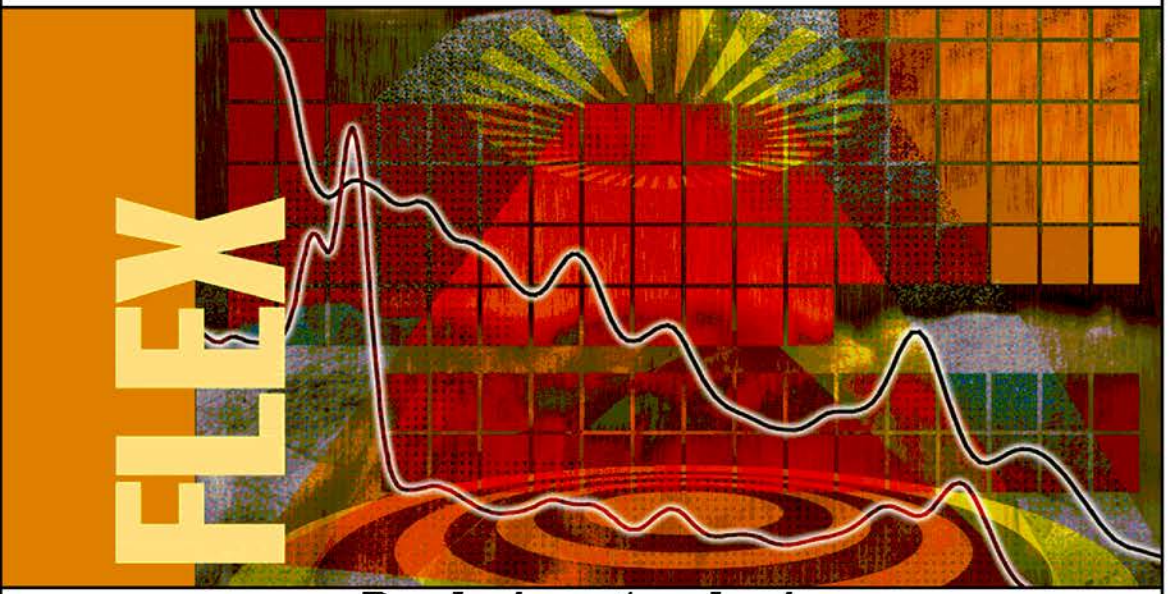
DF

GL 155.00 M

LICENSE 1202

DATE 19-FEB-2013

BAKER HUGHES



Rockview Analysis VS Core Data

COMPANY MGM ENERGY CORP

WELL MGM SHELL EAST MACKAY I-78

FIELD EAST MACKAY

PROVINCE NORTHWEST TERRITORIES

LOCATION:

UID 3001786450125 30

SEC _____ TWP _____ RGE _____

ELEVATIONS:

KB 161.20 M DF _____ GL 155.00 M

DATE 19-FEB-2013 ECC CA215446

BOREHOLE RECORD

BIT SIZE	FROM	TO
311.0 MM	0.0 M	401.8 M
222.0 MM	401.8 M	2001.0 M

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
244.5 MM	59.5 KG/M	NA	0.0 M	401.8 M

REMARKS

TIME STOPPED CIRCULATION: 18-FEB-2013 01:30 PM.

CORRELATED TO BAKER HUGHES WIRELINE 29-JAN-2013.

MUD TYPE WATER BASED GELCHEM 1130 G/L.

FLEX DATA PRESENTED WITH CORE DATA ON THE LOGS.
A GOOD AGREEMENT IS SEEN BETWEEN CORE DATA AND FLEX DATA.

MATRIX DENSITY IS BASED ON DEFAULT GRAIN DENSITY VALUES USED FOR MINERALS IN THE MODEL. KEROGEN DENSITY USED 1.2 G/CC.

Rockview Analysis Vs Core Data Results. 1:240

Created by : Post Acquisition Tool Suite (PATS), v6.4.2.4

Plotted by : BHI PATS Well Log Data Viewer, v6.4.2.4

BAKER HUGHES

Baker Atlas

Company : MGM ENERGY CORP

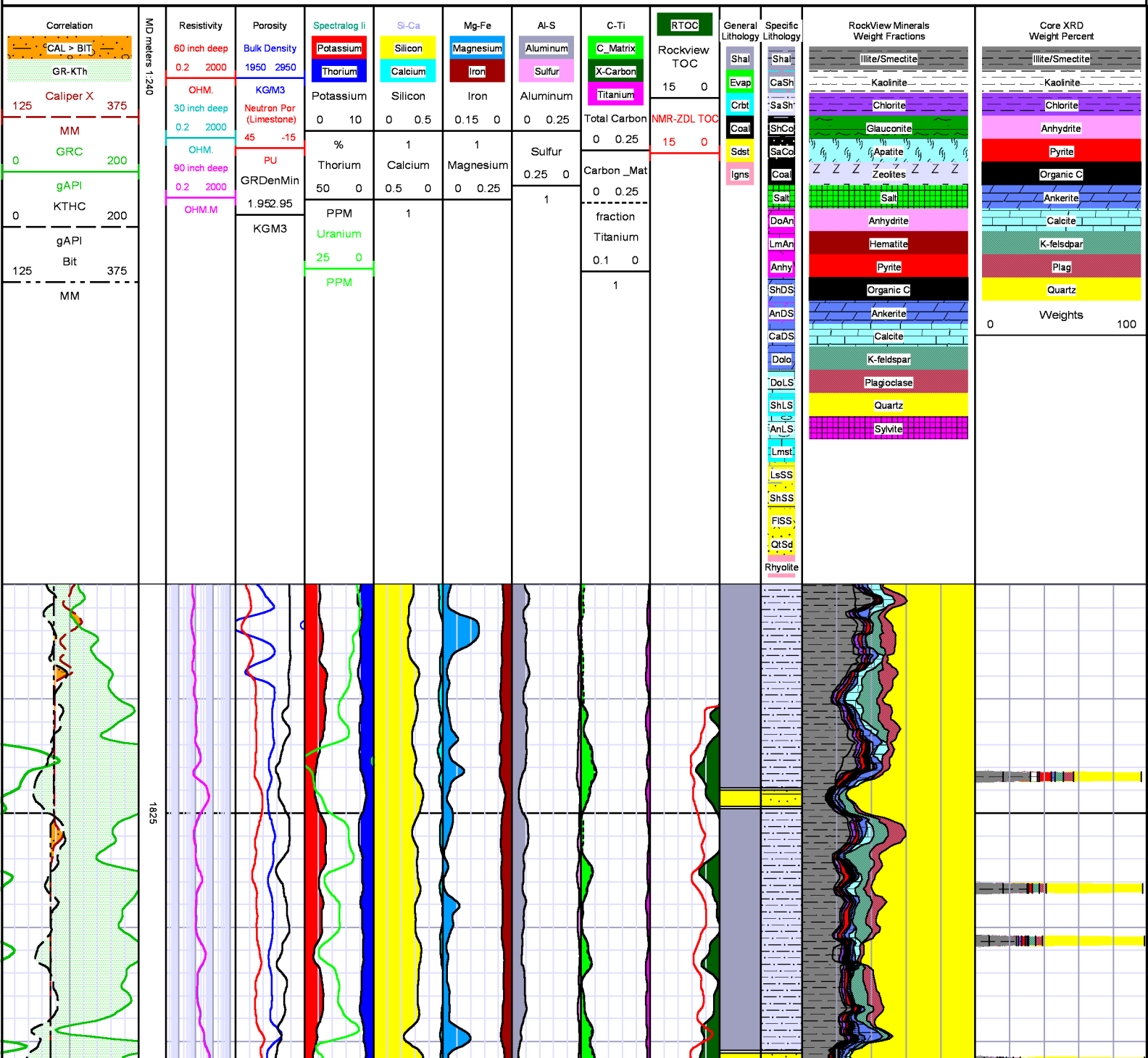
Well : MGM SHELL EAST MACKAY I-78

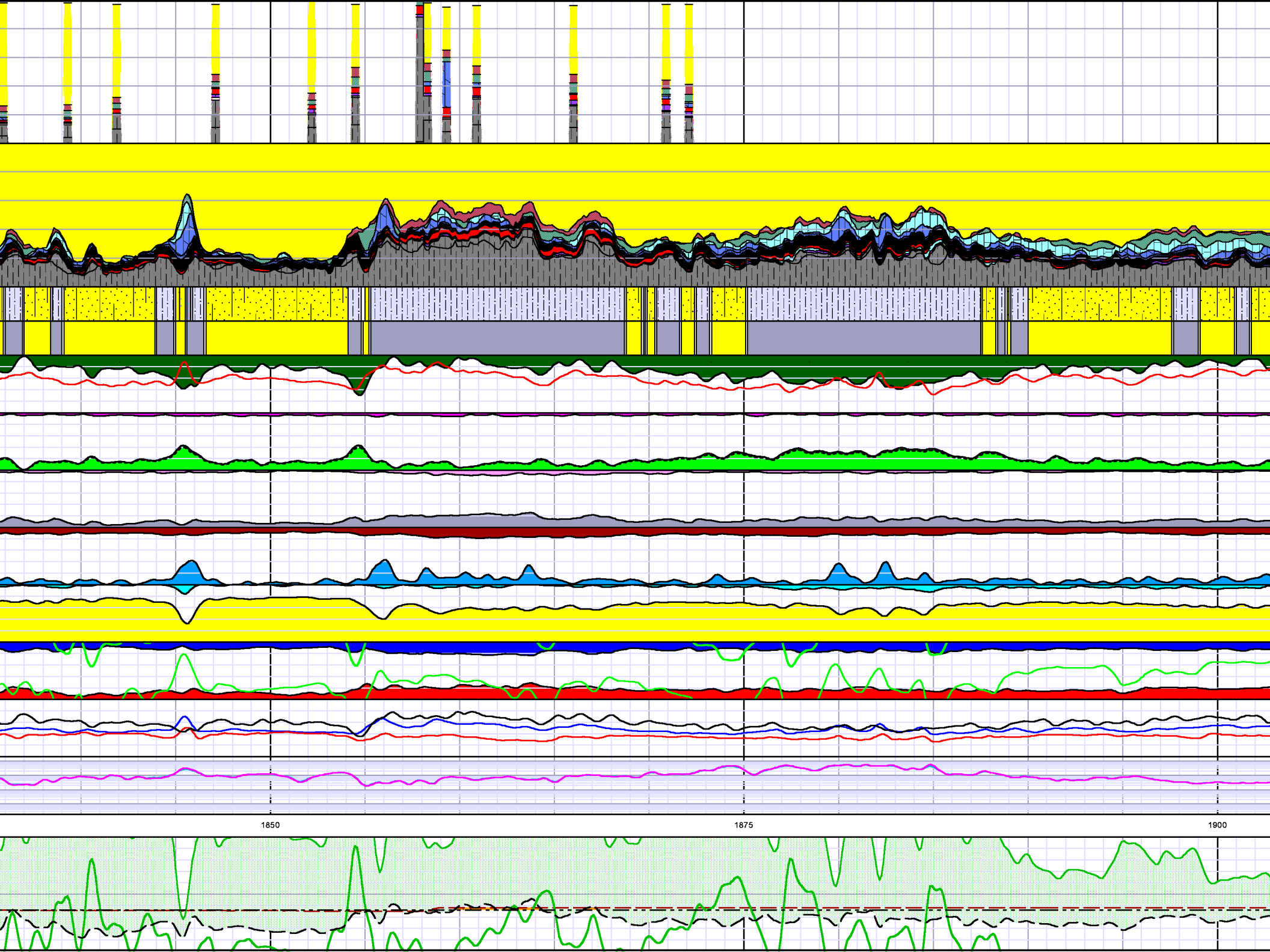
File Name : D:\Ape_Projects\mgm_215446_salurations_glider\xrd_ondepth_2.xtf

Mode : Log Viewer

Interval : 1815.00 - 1970.00 meters UP

Created : 2/19/2013 10:01:49 AM

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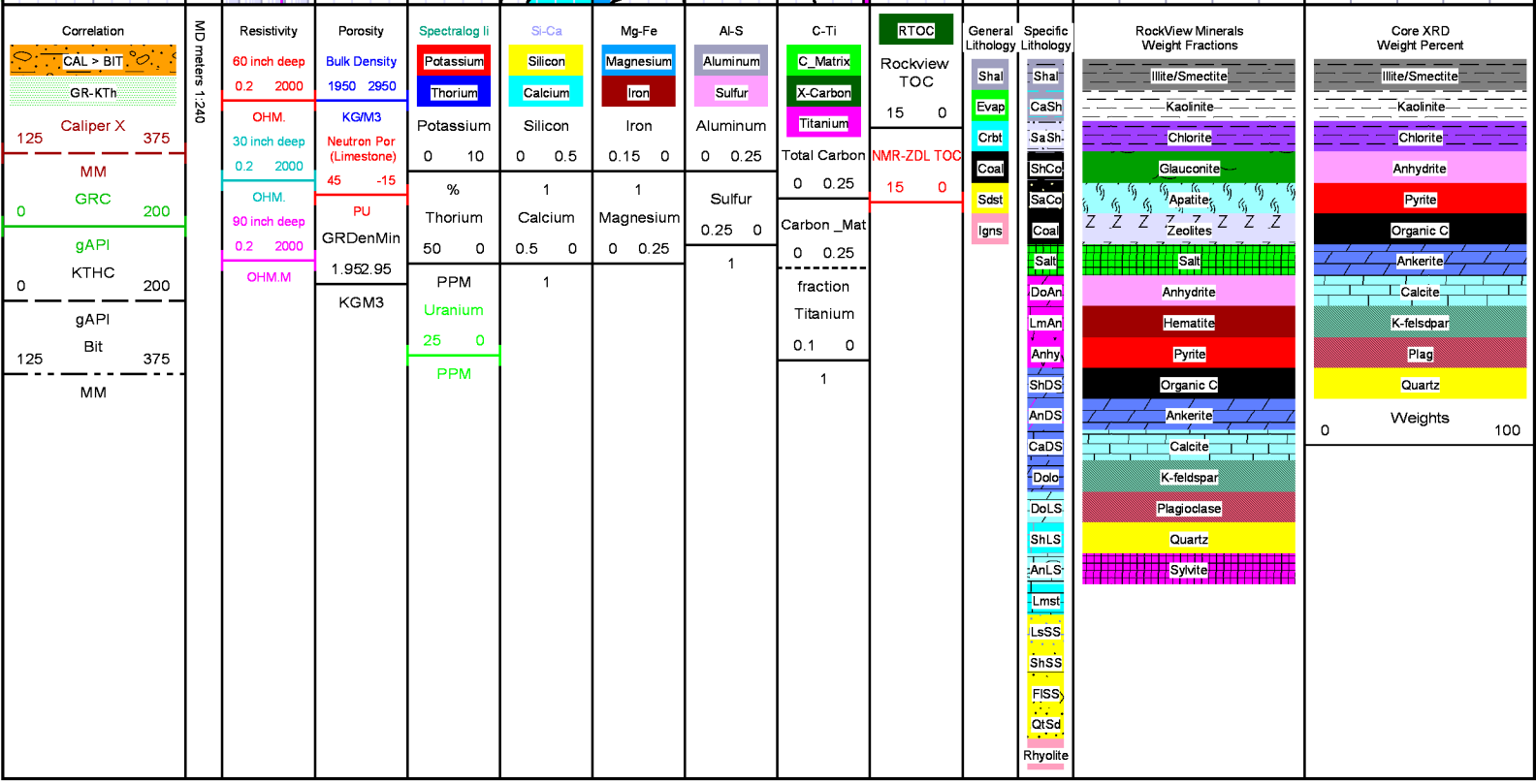
1875
1900


1925
1950



BAKER HUGHES

FLEX

COMPANY	MGM ENERGY CORP
WELL	MGM SHELL EAST MACKAY I-78
FIELD	EAST MACKAY
PROVINCE	NORTHWEST TERRITORIES

FILE NO:

API NO:

LOCATION:

UID 3001786450125 30

SEC _____ TWP _____ RGE _____

ELEVATIONS:

KB 161.20 M

DF

GL 155.00 M

LICENSE
1202

DATE 19-FEB-2013

```
--------------------------------------------------------------------------------
 Baker Atlas  Verification Listing              Created: 02/21/13 14:21:44
 Input File  =  MGM_I-78_MREX_BASIC_CBW3.3ms_BVI33ms.dls
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Storage Unit Label
 Storage Unit Sequence:    1    DLIS Version: V1.00
 Storage Unit Structure: RECORD   Maximum Record Length:  8192
 Storage Set ID: DLIS ATLAS 1
--------------------------------------------------------------------------------
 File Header      File: 00001_BASICDLS33   Sequence:         1
--------------------------------------------------------------------------------
 Defining Origin: 0,0,DEFINING_ORIGIN
 File Id: 00001_BASICDLS33                                    File Type: EXCHANGE
 Producer Name: ATLAS   Product: WFM/eclips  Version: Access-5.44   File Set: BAKERH   File Number: 1
Creation-Time: 113 0 2 21 14 16 13 55297
   Company Name: MGM ENERGY CORP
   Well Name: MGM SHELL EAST MACKAY I-78
   Field Name: EAST MACKAY
--------------------------------------------------------------------------------
 Channels
--------------------------------------------------------------------------------
 Spacing:   0.076200 m             Number of Channels: 25
1,0,TDEP     1,0,GRSLC     1,0,KTHC      1,0,MBVIC     1,0,MBVMC
1,0,MCBWC     1,0,MCHIC     1,0,MPERMC    1,0,MPHEC     1,0,MPHSC
1,0,MPOC01    1,0,MPOC02    1,0,MPOC03    1,0,MPOC04    1,0,MPOC05
1,0,MPOC06    1,0,MPOC07    1,0,MPOC08    1,0,MPOC09    1,0,MPOC10
1,0,MPOC11    1,0,MPOC12    1,0,MPOC13    1,0,MTPORC    1,0,T2GMPN1

--------------------------------------------------------------------------------
 Frame Summary
--------------------------------------------------------------------------------
 Index Type        Start          Stop          Spacing          Channels     Index Channel       Frame Name

 BOREHOLE-DEPTH     1379.98206     1979.98086     0.076200 m           25     1,0,TDEP
1,0,0_076200B0

~Curve Information Section
#MNEM   .UNIT         API CODE        CURVE DESCRIPTION
#----   .----        LG--CV-CL--M      ------------------------
 depth  .M          0   1  0  0      :1 Depth
 GRSLC  .GAPI       99 995 99  1      :2 Gamma Ray
 KTHC   .GAPI       99 995 99  1      :3 Potassium-Thorium GR
 MBVIC .p.u.        30 310  1  1      :4 MR bulk volume irreducible
 MBVMC .p.u.        30 310  1  1      :5 MR bulk volume moveable
 MCBWC .p.u.        30 310  1  1      :6 MR clay bound porosity
 MCHIC .p.u.        30 310  1  1      :7 MR Goodness of fit of each data packet
 MPERMC.MD          30 310  1  1      :8 MR permeability
 MPHEC .p.u.        30 310  1  1      :9 MR effective porosity
 MPHSC .p.u.        30 310  1  1      :10 MR total porosity
 MPOC01.p.u.        99 995 99  1      :11 Partial porosity bin
 MPOC02.p.u.        99 995 99  1      :12 Partial porosity bin
 MPOC03.p.u.        99 995 99  1      :13 Partial porosity bin
```

MPOC04.p.u. 99 995 99 1 :14 Partial porosity bin
MPOC05.p.u. 99 995 99 1 :15 Partial porosity bin
MPOC06.p.u. 99 995 99 1 :16 Partial porosity bin
MPOC07.p.u. 99 995 99 1 :17 Partial porosity bin
MPOC08.p.u. 99 995 99 1 :18 Partial porosity bin
MPOC09.p.u. 99 995 99 1 :19 Partial porosity bin
MPOC10.p.u. 99 995 99 1 :20 Partial porosity bin
MPOC11.p.u. 99 995 99 1 :21 Partial porosity bin
MPOC12.p.u. 99 995 99 1 :22 Partial porosity bin
MPOC13.p.u. 99 995 99 1 :23 Partial porosity bin
T2GMPN1.PU 99 995 99 1 :24 T2app Geometric Mean
MTPORC 99 995 99 1 :25 T2app Spectrum