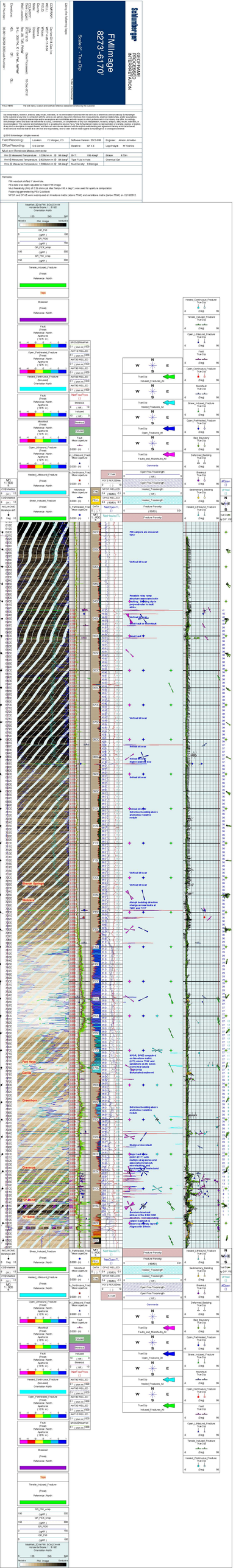
Schlumberger
GEOFRAME
INTERPRETATION
FMIimage
8273-6170'
Scale 2" : True Dip
Interpretation Report
COMPANY: Chevron USA Inc.
WELL: WEC 4-36R-13-2H
FIELD: Wattenberg
COUNTY, PARISH: Weld
STATE, PROVINCE: Colorado
COUNTRY: USA
API#: 05-123-39139
Other Services: Sec. 36 T3N R67W
Permanent Datum: KDB
Log Measured From: KDB 20.0 ft
Drilling Measured From: KDB
Date: 20-Sep-2013
Run: ONE
Depth Driller: 8273.0 ft
Depth Logger: 8276.0 ft
Bottom Logged Interval: 8276.0 ft
Top Logged Interval: 7900.0 ft
Casing Driller Size @ Depth: 9.625 in @ 1,000.0 ft
Casing Logger Size @ Depth: 9.625 in @ 1,000.0 ft
Type Fluid in Hole: WBM
Density: 9.2 lbm/gal
Viscosity: 40.0 s/qt
Fluid Loss: 5.0 cm3/30min
Source of Sample: Flowline
Rm @ Measured Temperature: 0.09 ohm.m @ 68.0 degF
Rmf @ Measured Temperature: 0.07 ohm.m @ 68.0 degF
Rmc @ Measured Temperature: 0.28 ohm.m @ 68.0 degF
Max Recorded Temperature: 0 degF
Circulation Stopped Time: 0
Logger On Bottom Time: 0
Unit Number: 0
Equipment: 0
Location: 0
Recorded By: 0
Witnessed By: 0
Borehole Record
Bit Size: 8.75 in
Bit Size: 8.75 in
From: 1,000.0 ft
To: 8,276.0 ft
Casing Record
Size: 9.625 in
Weight: 36.0 lbm/ft
Grade: J-55
From: 0.0 ft
To: 1,000.0 ft
Size: 5.5 in
Weight: 20.0 lbm/ft
Grade: P-110
From: 0.0 ft
To: 8,276.0 ft
Field Recording: Location: Ft Morgan, CO
Office Recording: Engineer: Alistair Johnston
Log Analyst: M Yashina
Software Version: 2013.0 R8
Baseline: GF 4.5
Mud and Borehole Measurements
Type Fluid in Hole: WBM
Density: 9.2 lbm/gal
Viscosity: 40.0 s/qt
Fluid Loss: 5.0 cm3/30min
Source: R Sys
Chemical Gel
Mud Density: 9 lbm/gal
Rm @ Measured Temperature: 0.09 ohm.m @ 68 degF
Rmf @ Measured Temperature: 0.07 ohm.m @ 68 degF
Rmc @ Measured Temperature: 0.28 ohm.m @ 68 degF
Max Recorded Temperature: 0 degF
Remarks:
FMI was bulk shifted 1' downhole.
PEx data was adjusted to match FMI image
Mud Resistivity (Rm) at 8.39 ohm.m (at Max Temp=155.4 degF) was used for aperture computation.
Aperture parameters: Pixel Size=0.2 in; Eyeball Conductivity=0.5
NPOR and CPOR were recomputed on sandstone matrix (above 7738'), and sandstone matrix (below 7738') on 13/18/20/2.
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