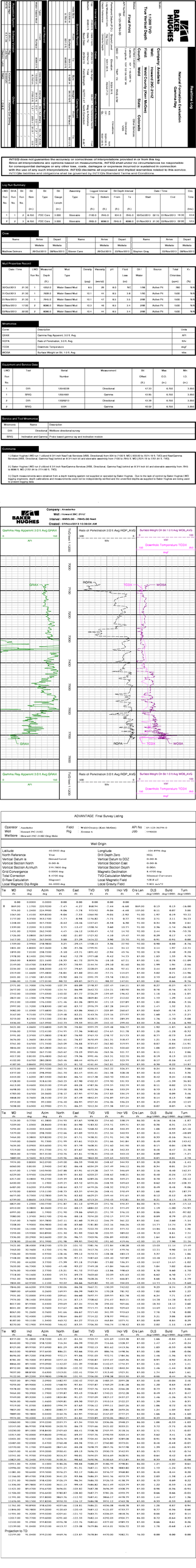
BAKER HUGHES
Planning Report
Final Plots
11200 TVD
Plan: Version 2 (SC 27/42 Interval)
Wellbore: Wellbore #1
Wellbore #1 (SC 27/42 Interval)
Wellbore #1 (SC 27/42 Interval)
Company: Anadarko
Well: Howard SC 27/42
Interval: 6995.00 - 7845.00 feet
Created: 07/Nov/2013 10:09:04 AM
Gamma Ray Approved 3.0 0 Avg AGR_AVG
Resis or Penetration 3.0 0 Avg AGP_AVG
Surface Weight On Bit 0 0 Avg WOB_AVG
Downhole Temperature TDCX_AVG
ROPA
WOBA
GRAX
TDCX
Company: Anadarko
Well: Howard SC 27/42
Wellbore: Wellbore #1
Plan: Version 2 (SC 27/42 Interval)
Natural Formation Evaluation
Gamma Ray
Log Run Summary
Run Number
Top Log Interval
Bottom Log Interval
Bit Run
Bit Size
Bit Type
Assembly Type
Assembly Length
Logged Interval Bit Top
Logged Interval Bit Bottom
Drill Pipe Size From
Drill Pipe Size To
Date / Time Start
Date / Time End
Circ Time
Run 1
1
2
8.750
PDC Cara
3.000
Steerable
7130.0
7845.0
914.0
7845.0
30/Oct/2013 08:15
01/Nov/2013 19:30
63.8
Run 2
2
3
8.750
PDC Cara
3.000
Steerable
7845.0
8080.0
235.0
8080.0
01/Nov/2013 21:30
02/Nov/2013 08:00
10.5
Crew
Name
Arrival Depart
Name
Arrival Depart
Name
Arrival Depart
Mathew Delzeno
28/Oct/2013 08/Nov/2013
Steven Cano
28/Oct/2013 02/Nov/2013
Stephen Gray
02/Nov/2013 08/Nov/2013
Mud Properties Record
Date / Time
Measured Depth (ft)
Mud Type
Density (ppg)
Viscosity (sec/qt)
pH
Fluid Loss (ml/30 min)
Oil / Water Ratio
Solids
Total Chlorides (ppm)
Yp
30/Oct/2013 21:30
1
6765.0
Water-Based Mud
8.6
28
9.0
NC
1/96
Active Pit
N/A
31/Oct/2013 21:30
1
7609.0
Water-Based Mud
10.1
44
8.5
3.8
1/90
Active Pit
1500
N/A
01/Nov/2013 21:30
1
7915.0
Water-Based Mud
10.1
47
8.5
3.5
2/88
Active Pit
1500
N/A
02/Nov/2013 21:30
2
8080.0
Water-Based Mud
10.3
48
8.5
3.4
2/88
Active Pit
1500
N/A
03/Nov/2013 22:00
2
8080.0
Water-Based Mud
10.3
44
8.5
3.4
2/88
Active Pit
1500
N/A
Mnemonics
Curve
Description
Units
GRAX
Gamma Ray Approved, 3.0 0 Avg
API
ROPA
Rate of Penetration, 3.0 0 Avg
ft/hr
TDCX
Downhole Temperature
degF
WOBA
Surface Weight on Bit, 0 0 Avg
klbs
Equipment and Service Data
LWD Tool Number
Serial Number
Measurement
Bit Size
Max Offset
Min O.D.
Max O.D.
1
DIR
13048208
Directional
8.750
0.00
1.25
1.25
1
SPEC
13561681
Gamma
8.750
0.00
1.25
1.25
2
DIR
13561681
Directional
8.750
43.28
1.25
1.25
2
SPEC
3284
Gamma
8.750
43.28
1.25
1.25
Service and Tool Mnemonics
Mnemonic
Name
Description
DIR
Directional
Wellbore directional survey
SPEC
Inclination and Gamma
Probe based gamma ray and inclination module
Comments
1.) Baker Hughes LWD run 1 utilized 8 3/4 inch NeoTrak Steerable (ARC Directional) from bit run 0 (7,130 ft MD / 6,930 ft TVD) to TD(7,845 ft MD/6,995 ft TVD). Directional, Gamma Ray tagged at 8 ft and 43 ft above bit. Gamma Ray sensor 43 ft from bit. Drilled 715 ft (99.3 % ROP) in 7.75 hrs.
2.) Baker Hughes LWD run 2 utilized 8 3/4 inch NeoGamma Services (WDR, Directional, Gamma Ray) tasked at 8 3/4 inch bit and steerable assembly from (RR: to WOB: 0, MD (7701 ft) to (7,915 ft, TVD).
3.) Gamma Ray measurements from a depth tracking system not separated by Baker Hughes. Due to the lack of control by Baker Hughes LWD logging engineers, depth calculations and measurements could not be independently verified and the inverted data be applied to Baker Hughes are being used to prevent logging data.