



CATHEDRAL

Gamma Logs

Job #:

155097

Well ID:

Scale:

Type:

Horizontal

Well Site Information

Oil Company

Encana Oil & Gas

Surface Location

S32-T2N-R64W

Well Name

Ruhl East 1K-32H-B264

API

05-123-4028-000

Field

DJ Wattenberg

State

Colorado

Country

USA

Surface Coordinates

Well Type

Horizontal

Latitude

°

Longitude

°

N / S Coordinates

1,281,166.40

E / W Coordinates

3,259,942.75

Azimuth Reference

True North

Grid Convergence

0.60°

MWD Engineers

Lead Hand

W. Steele

Second Hand

J. Corby

Perm Datum

Ground

Elevation

4998

Log depth measured from KB is

4998

above perm datum.

KB =

5011

Total Depth

11655

Spud Date

Feb/25/2015

End Date

Feb/25/2015

Bore Hole Record

Hole Size

From

To

8.75

1164

6680

8.75

6680

7524

6.125

7524

11208

6.125

11208

11542

Casing Record

Type

Size

WGT

From

To

P-110

9 5/8

40

0

1149

P-110

7

26

0

7504

Run Data

Bit Run Number	1	2	3	4	
Start Date & Time	Feb/24/2015 13:00:00	Feb/26/2015 08:00:00	Feb/28/2015 20:15:00	Feb/28/2015 20:15:00	
End Date & Time	Feb/26/2015 18:00:00	Feb/27/2015 14:30:00	Mar/03/2015 05:30:00	Mar/04/2015 09:00:00	
Run Hours	41	30.5	57.2	26	
Depth In	1164	6680	7524	11208	
Depth Out	6680	7524	11208	11542	
Total Gamma Correction	3.94	3.94	2.05	3.03	
Gamma to Bit	39.91	43.56	50.47	57.48	
Resistivity to Bit					
Mud Type	LSND	LSND	LSND	LSND	
Density	10	10	10.8	10	
Viscosity	45	39	38	42	
PH	8.9	8.9	8.9	8.8	
Fluid Loss					
K+ ppm					
CL- ppm					
Max Mud Temp	1547 °F	167 °F	207 °F	213 °F	
Mud Report Depth	6364	6958	10000	11201	

Remarks

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