

RMWS

ROCKY MOUNTAIN WIRELINE SERVICE

TEMPERATURE LOG

CCL

Company

WPX ENERGY

Well

NER 443-32

Field

RULISON

County

GARFIELD

State

COLORADO

Location:

API # : 05-045-21775-0000

Other Services

SEC 5

TWP 7S

RGE 93W

Elevation

G.L.

K.B.

Log Measured From

K.B.

Drilling Measured From

KB.

Permanent Datum

G.L.

SHL: 0161' FWL & 2596' FWL

BHL: 1482' FSL & 0653' FEL

7603'

7629'

7628'

7603'

7603'

7603'

Date

05-01-2014

Run Number

ONE

Depth Driller

10607'

Present Depth Driller

NA

Depth Logger

10558'

Bottom Logged Interval

10558'

Top Log Interval

SURFACE

Fluid Level

FULL

Type Fluid

WATER

Max. Recorded Temp.

226.6° F

Estimated Cement Top

6050'

Equipment Number

219

Location

GRAND JCT.

Recorded By

COVINGTON

Witnessed By

MR. OAKS

Borehole Record

Run Number

Bit

From

To

Casing Record

Size

Weight

From

To

ONE

32.3#

9.625"

1153'

TWO

4.5"

SURFACE

10607'

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

WARRIOR 7.0 SOFTWARE - Comments

NOTE: THERE WAS NO LOG TO CORRELATE TO.

! TOOL STICKY FROM T.D. TO 8950' !

MAX TEMP = 226.6° F

SHORT JOINTS = 6936' TO 6959'

MAIN PASS 5" = 100'

CSG PSI = STATIC

Calibration Report			
Database File:	050114_wpx_ner_443-32.db		
Dataset Pathname:	MAIN2/pass1		
Dataset Creation:	Thu May 01 18:18:36 2014		
Temperature Calibration Report			
Serial Number:	TITAN_101		
Tool Model:	TITAN137		
Performed:	Mon Feb 04 16:32:48 2008		
	Reference	Reading	
Low Reference:	0.00 degF	0.00	cps
High Reference:	1.00 degF	1.00	cps
Gain:	0.10		
Offset:	0.00		
Delta Spacing	2		

RMWS

ROCKY MOUNTAIN WIRELINE SERVICE

MAIN PASS QUICK LOOK

Database File: 050114_wpx_ner_443-32.db

Dataset Pathname: MAIN2/pass1.1

Presentation Format: rmtemp_q

Dataset Creation: Thu May 01 18:18:58 2014

Charted by: Depth in Feet scaled 1:10000

50

TEMP (degF)

250

TEMP (degF)

500

75.1

1000

78.6

1500

83.2

2000

87.6

2500

93.2

3000

98.5

3500

103.7

4000

109.4

4500

115.9

5000

121.5

5500

128.0

6000

134.2

6500

151.4

7000

155.3

7500

161.8

8000

170.1

8500

177.8

9000

185.3

9500

195.0

10000

208.8

10500

214.0

50


TEMP (degF)

250

TEMP (degF)

TEMP

ESTIMATED TOP OF CEMENT

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	2.94		CCL-TITAN275 (TITAN275_01) Titan 2 3/4" CCL	1.92	2.75	10.00
TEMP	0.13		TEMP-TITAN137 (TITAN_101) Temperature Tool	2.21	1.38	7.00
		Dataset:	050114_wpx_ner_443-32.db: field/well/MAIN2/pass1			
		Total Length:	4.13 ft			
		Total Weight:	17.00 lb			
		O.D.	2.75 in			

<div><div>RMWS</div><div>ROCKY MOUNTAIN WIRELINE SERVICE</div></div>	Company	WPX ENERGY
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	County	GARFIELD
	State	COLORADO