Company: ROSETTA RESOURCES OPER. LP
Well: CHAPMAN 19-5
Field:
County: YUMA
State: COLORADO
Location: 1/4 1/4 1/4 1/4 Sec. 19 Twp. 1N Rng. 47W
Permanent Datum: GROUND LEVEL
Elevation: 4,271 ft
Log Measured From: KELLY BUSHING
4,284 ft above Permanent Datum
Drilling Measured From: KELLY BUSHING
Date: 10-Nov-07
Run Number: ONE
Depth Driller: 2,500 ft
Depth Logger: 2,500 ft
Bottom Logged Interval: 2,500 ft
Top Logged Interval: 1,000 ft
Casing Driller: 8.625 in @ 1,000 ft
Casing Logger: 1,000 ft
Bit Size: 7.875 in
Type Fluid in Hole: WATER BASED MUD
Density: 8.8 lb/gal
Viscosity: 40 s
Fluid Loss: 8 cc
Source of Sample: FLOWLINE
Rm @ Measured Temp: 0.08 @ 70 °F
Rmf @ Measured Temp: 0.06 @ 70 °F
Rmc @ Measured Temp: 0.1 @ 70 °F
Source of Rmf and Rmc: CALCULATED
Rm @ BHT: 0.05 @ 120 °F
Time Circulation Stopped: 0:30
Time Logger on Bottom: 5:30
Maximum Recorded Temperature: 120 °F
Equipment Number: 5
Location: GOODLAND, KS
Recorded By: J. SCHMIDT
Witnessed By: MR. MARTIN

Company: ROSETTA RESOURCES OPER. LP
Field:
County: YUMA
State: COLORADO

CHAPMAN 25C-19-1N-47W
25C-19-1N-47W
API# 05-125-25771
DUAL SPACED
CEMENT BOND LOG

Run 1 - Depth Driller @ 2,500 ft - Logger @ 2,500 ft - Bottom Logged Interval @ 2,500 ft - Top Logged Interval @ 1,000 ft

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.

CEMENTING

PERFORATIONS
2295-2305

PEAK WIRELINE SERVICES, INC.

MAIN PASS

Database File: mwells.db
Dataset Pathname: CHAPMAN 19-5 run1 base2
Presentation Format: cbl01
Dataset Creation: Tue Mar 06 10:18:56 2007 by Log Bld Casedhole 9R120
Charted by: Depth in Feet scaled 1:240

0	Color Locator	1	0	Amplitude (mV)	100.200
20	Gamma Ray (GAPI)	150	0	AMP 3.910 (mV)	10
170	GR (GAPI)	300			

Variable Density 1200

1600 1700 1750 1800 1850 1900 1950 2000 2050 2100 2150 2200 2250 2300 2350 2400 2450 2500 2550

Color Locator 1 | Amplitude (mV) 100.200 | Variable Density 1200
Gamma Ray (GAPI) 150 | AMP 3.910 (mV) 10
GR (GAPI) 300

PEAK WIRELINE SERVICES, INC.

REPEAT SECTION

Database File: mwells.db
Dataset Pathname: CHAPMAN 19-5 run1
Presentation Format: cbl01
Dataset Creation: Tue May 08 10:15:07 2007 by Log Bld Casedhole 9R120
Charted by: Depth in Feet scaled 1:240

0	Color Locator	1	0	Amplitude (mV)	100.200
20	Gamma Ray (GAPI)	150	0	AMP 3.910 (mV)	10
170	GR (GAPI)	300			

Variable Density 1200

2300 2350 2400 2450 2500 2550

Color Locator 1 | Amplitude (mV) 100.200 | Variable Density 1200
Gamma Ray (GAPI) 150 | AMP 3.910 (mV) 10
GR (GAPI) 300

Calibration Report

Database File: mwells.db
Dataset Pathname: CHAPMAN 25-5 run1 repeat
Dataset Creation: Tue May 08 10:15:07 2007 by Log Bld Casedhole 9R120

Gamma Ray Calibration Report

Serial Number:	09906
Tool Model:	Prism
Performed:	Fri Nov 30 12:10:40 2007
Calibrator Value:	139.0 GAPI
Background Reading:	35.9 cps
Calibrator Reading:	344.8 cps
Sensitivity:	1.0000 GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	802
Tool Model:	Prism
Performed:	Tue May 08 08:30:52 2007
Depth:	835.175 ft
Casing Diameter:	8.625 in
	7 Spacing 7' Spacing
Spacing Zero:	1 0 mV
Calibrated Amplitude:	47.1461 6.15287 dB/ft
Reading at Signal Zero:	0.0388544 0.0140729 V
Reading in Free Pipe:	1.53312 1.48078 V
Gain:	50.4295 52.8862
Offset:	-0.507744 -0.4784