Conocophillips McGee Cir & Sac Onshore
Field: HATTENBERG
County: WELD
State: CO
Rig: PIONEER 64
API: 05123760400000
Job Number: 400
Run: 03
Date: 4-Feb-14
Surface Location: Lat: 40.2 Long: -104.7
Permanent Datum: GROUND LEVEL
Elevation: 4,924.00 ft above Perm. Datum
Log Measured From: KELLY BUSHING
Drilling Measured From: KELLY BUSHING
Depth Driller: 7,800.00 ft
Depth Logger: 7,800.00 ft
Bottom Log Interval: 7,800.00 ft
Top Log Interval: 200.00 ft
Casing Driller: 8.625 in @ 1,000.00 ft
Casing Logger: 1,000.00 ft
Bit Size: 7.875 in
Type Fluid: FRESH WATER
Density: 8.40 lb/gal
Viscosity: 28.00 s/qt
PH: 8.00
Fluid Loss: 0.00 ml
Source of Sample: FLOWLINE
Rm @ Meas. Temp: 1.000 @ 70.00 °F
Rmf @ Meas. Temp: 0.800 @ 70.00 °F
Rmc @ Meas. Temp: 1.200 @ 70.00 °F
Source of Rmf/Rmc: CALCULATED
Rm @ BHT: 0.600 @ 150.00 °F
Time Circulation Stopped: 4:00
Time Logger on Bottom: 8:30
Maximum Recorded Temperature: 150.00 °F
Equipment Number: PIONEER #64
Location: SEC 23 T3N R67W
Recorded By: M. MILLER
Witnessed By: J. ROBERTS

PIONEER

RADIAL
SPECTRAL DENSITY
MPD/ GAMMA RAY
Pioneer #64 Gil & Sac Onshore
MELTZER#23
Sec 23 Twp 3N Rge 67W
Lat: 40.2 Long: -104.7

All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretations and Pioneer Wireline Services, LLC shall not 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.

NA DEDUCTED NOT AVAILABLE ON NON-APPLICABLE.
6-0-4 2.65/67

CORRELATED TO J-W LOG RAN 4-14-2008

THANK YOU FOR USING PIONEER Energy SERVICES

Your Pioneer Energy Services Crew	Tool Data	Services	Serial Number
Engineer: J. ROBERTS			
Engineer: J. COLLIER			
Operator: E. MILLER			
Operator:			

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			4TG675	2.60	2.75	
			4TG675	2.60	2.75	
			MDT Roller Sleeve Pivot Nut Bore Tool with Eyebolt Tolerates	6.92	2.75	90.00
			CR, CCL Probe 3172/71 Pivot Nut Bore	4.54	2.75	100.00
			TEMP-1 STATOIL	1.25	1.38	50.00
TEMP	0.68		Temperature Tool			

Dataset Pathname: Kenny_K_8_20120926000000_amadeus.db
Dataset Creation: Wed Jun 06 08:57:31 2012 by Log: 7.0 64

PIONEER

Main Pass

Database File: Kenny_K_8_20120926000000_amadeus.db
Dataset Pathname: pass1
Presentation Format: Main Pass
Dataset Creation: Wed Jun 06 08:57:31 2012 by Log: 7.0 64
Charted by: Depth in Feet scaled 1:240

Gamma Ray (GAPI)	CCL	MD ft	AMPRES	VOL	VAR1	SECTOR MAP
0 GAPI 200	-200 V 200	1:240	AMPRES 100			
0 GAPI 200	-200 V 200	1:240	AMPRES 100			
DIR	DIH	TEMP (degF)	TEMP			
0	360	50	150			

Gamma Ray

Top of Cement

Top of Cement

Top of Cement

Gamma Ray Data

AMPRES
AMPRES Avg
AMPRES Min

Gamma Ray Data

AMPRES
AMPRES Avg
AMPRES Min

Gamma Ray (GAPI)	CCL	MD ft	AMPRES	VOL	VAR1	SECTOR MAP
0 GAPI 200	-200 V 200	1:240	AMPRES 100			
0 GAPI 200	-200 V 200	1:240	AMPRES 100			
DIR	DIH	TEMP (degF)	TEMP			
0	360	50	150			

Dataset Pathname: Kenny_K_8_20120926000000_amadeus.db
Dataset Creation: Wed Jun 06 08:57:31 2012 by Log: 7.0 64

Calibration Report
Pioneer Energy Services

Temperature Calibration Report

Serial Number	TEMP-1
Tool Model	1.375 STATOIL
Performed	Tuesday, April 22 10:14:51 2014
	Returned
Low Reference	50.00 degF
High Reference	150.00 degF
Units	Degrees Celsius Scale Log Calibration Report

Serial Number	4TG675
Tool Model	2.60 OD
Performed	Sun Jun 01 16:54:18 2014
Calibration Value	1.0 GAPI
Background Reading	0.0 cps
Calibration Reading	0.0 cps
Sensitivity	1.0000 GAPI/cps

Gamma Ray Calibration Report