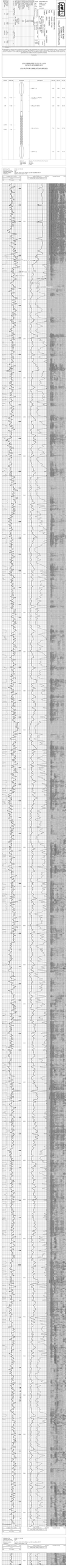
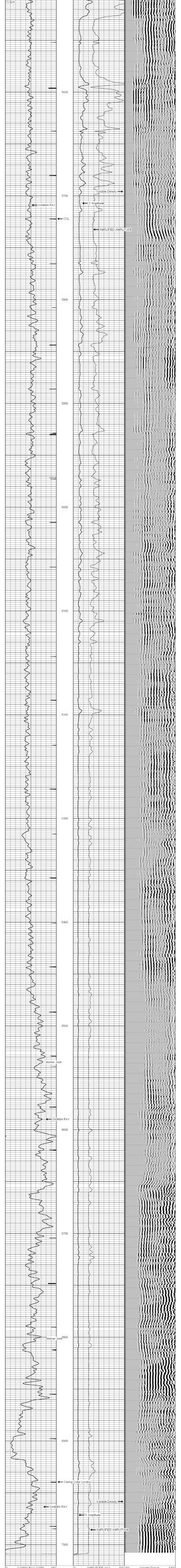

Schlumberger
Company = CHEVRON USA INC
Well = CHEVRON ET AL 1 LOVE
Field = WILDCAT
County = LOVE
State = OKLAHOMA
Location = 1980' FSL & 1980' FWL
Permanent Datum = GROUND LEVEL
Elevation = 1000 ft
Log Measured From = KELLY BUSHING
Drilling Measured From = KELLY BUSHING
Elevation = 1000 ft
Elevation = 1000 ft
Elevation = 1000 ft
Date = 10-Jan-2018
Run Number = ONE
Depth Driller = 10000 ft
Schlumberger Depth = 10000 ft
Bottom Log Interval = 9998 ft
Top Log Interval = 1000 ft
Casing Driller Size @ Depth = 13.375 in @ 1000 ft
Casing Schlumberger = 1000 ft
Bit Size = 12.25 in
Type Fluid in Hole = WBM
Density = 9.6 lbm/gal
Viscosity = 45 s
PH = 9.5
Fluid Loss = 6.2 cm3
Source of Sample = FLOWLINE
Rm @ Meas Temp = 0.18 ohmm @ 70 degF
Rmf @ Meas Temp = 0.14 ohmm @ 70 degF
Rmc @ Meas Temp = 0.24 ohmm @ 70 degF
Source Rmf = MEASURED
Source Rmc = MEASURED
Rm @ BHT = 0.09 ohmm @ 220 degF
Time Circulation Stopped = 06:00
Time Logger on Bottom = 10:30
Maximum Recorded Temperature = 220 degF
Equipment Number = 1234
Location = OKLAHOMA
Recorded By = J. SMITH
Witnessed By = R. JONES
LOG COMBINATION PLOT NO. 3 (LCP3)
LOG CC-DUAL-SPACED (CC_DS)
LOG PLOT FOR COMPILATION PURPOSES
Depth
Gamma Ray
Resistivity
Porosity
Lithology
Caliper
Bit Size
Gamma Ray (GR) 0 to 150 API
Deep Resistivity (RT) 0.2 to 2000 ohmm
Medium Resistivity (RM) 0.2 to 2000 ohmm
Shallow Resistivity (RS) 0.2 to 2000 ohmm
Neutron Porosity (NPHI) 45 to -15 %
Bulk Density (RHOB) 1.95 to 2.95 g/cm3
Caliper (CALI) 6 to 16 in
Bit Size (BS) 6 to 16 in
Sandstone
Limestone
Dolomite
Shale
Anhydrite
Salt
Coal
Conglomerate
Chert
Porosity
Fluid
Matrix
Shale
Gas Effect
Hydrocarbon
Water
Invasion
Mudcake
Fracture
Vug
Cement
Casing
Tool Response
Bad Hole
Washout
Key Seat
Stuck Pipe
Fish
Logging Tool
Centralizer
Scratcher
Bow Spring
Decentralizer
Sonde
Pad
Arm
Caliper Arm
Gamma Ray Detector
Neutron Source
Neutron Detector
Density Source
Density Detector
Resistivity Electrode
Induction Coil
Focusing Coil
Guard Electrode
Measure Electrode
Return Electrode
Current Electrode
Potential Electrode
Mud Pump
Mud Tank
Shale Shaker
Degasser
Desander
Desilter
Centrifuge
Mud Cleaner
Trip Tank
Flow Line
Standpipe
Kelly
Swivel
Rotary Table
Drill Collar
Drill Pipe
Heavy Weight Drill Pipe
Bit
Reamer
Stabilizer
Jar
Shock Sub
Mud Motor
Turbine
Measurement While Drilling
Logging While Drilling
Wireline
Slickline
Coiled Tubing
Perforating Gun
Packer
Tubing
Casing
Liner
Cement Plug
Bridge Plug
Retainer
Whipstock
Fishing Neck
Overshot
Spear
Junk Basket
Magnet
Impression Block
Core Barrel
Core Sample
Sidewall Core
Rotary Sidewall Core
Percussion Sidewall Core
Formation Tester
Pressure Gauge
Temperature Gauge
Flow Meter
Sampler
Chamber
Packer
Probe
Dual Packer
Straddle Packer
Inflatable Packer
Mechanical Packer
Hydraulic Packer
Electric Packer
Pump Out
Flow Control
Shut In
Recorder
Surface Readout
Downhole Memory
Telemetry
Mud Pulse
Electromagnetic
Wireless
Cable
Conductor
Armor
Insulation
Jacket
Head
Termination
Connector
Cartridge
Battery
Capacitor
Resistor
Diode
Transistor
Amplifier
Filter
Multiplexer
Demultiplexer
Analog to Digital Converter
Digital to Analog Converter
Microprocessor
Memory
Clock
Power Supply
Ground
Shield
Case
Mandrel
Sub
Crossover
Adapter
Reducer
Swage
Nipple
Valve
Check Valve
Float Valve
Ball Valve
Gate Valve
Plug Valve
Needle Valve
Relief Valve
Safety Valve
Blowout Preventer
Annular Preventer
Ram Preventer
Shear Ram
Pipe Ram
Blind Ram
Test Ram
Kill Line
Choke Line
Choke Manifold
Diverter
Rotating Head
Bell Nipple
Flow Nipple
Trip Nipple
Riser
Guide Base
Conductor Housing
Wellhead
Tubing Head
Casing Head
Spool
Flange
Hanger
Seal
Gasket
Ring
Bolt
Nut
Stud
Lockdown Screw
Test Plug
Wear Bushing
Thread Protector
Elevator
Slips
Tong
Spinner
Backup Tong
Pipe Handler
Iron Roughneck
Top Drive
Power Swivel
Hook
Block
Crown
Derrick
Substructure
Mast
Doghouse
Dog
Drawworks
Brake
Clutch
Transmission
Engine
Generator
Motor
Compressor
Pump
Tank
Separator
Heater
Treater
Dehydrator
Meter
Gauge
Valve
Regulator
Flare
Vent
Scrubber
Knockout
Filter
Coalescer
Skimmer
Boot
Weir
Baffle
Vortex Breaker
Mist Extractor
Demister
Foam Breaker
Antifoam
Corrosion Inhibitor
Scale Inhibitor
Biocide
Oxygen Scavenger
Hydrogen Sulfide Scavenger
Emulsifier
Demulsifier
Surfactant
Wetting Agent
Foaming Agent
Defoamer
Lubricant
Weighting Material
Barite
Hematite
Ilmenite
Calcium Carbonate
Bentonite
Attapulgite
Sepiolite
Polymer
Starch
Cellulose
Lignosulfonate
Lignite
Tannin
Quebracho
Chrome Lignosulfonate
Chrome Lignite
Chrome Tannin
Chrome Quebracho
Ferrochrome Lignosulfonate
Ferrochrome Lignite
Ferrochrome Tannin
Ferrochrome Quebracho
Potassium Chloride
Sodium Chloride
Calcium Chloride
Sodium Hydroxide
Potassium Hydroxide
Calcium Hydroxide
Sodium Carbonate
Sodium Bicarbonate
Calcium Sulfate
Gypsum



Calibration Report

Database File: dinner c 27-Feb-db
Database Pathname: pass3
Dataset Creation: Tue Nov 30 09:32:31 2010) to Log Rid Llewellyne VR121

Cement Bond Log Calibration Report

Serial Number:	604	
Tool Model:	TLS	
Performed:	Tue Nov 30 08:45:26 2010	
Depth:	1094.33	ft
Casing Diameter:	4.5	in
	3' Spacing	5' Spacing
Signal Zero:	3	3 mV
Calibrated Amplitude:	91.1561	91.1561 mV
Reading at Signal Zero:	0.05	0 V
Reading in Free Pipe:	2.5	2.00875 V
Gain:	31.9355	38.355
Offset:	1.46451	3

Gamma Ray Calibration Report

Serial Number:	6551	
Tool Model:	TLS	
Performed:	Sun Jun 13 13:33:21 1993	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps