Company	DORAN MELNDON OIL COMPANY INC
Well	DUNBARNO 1-2
Field	WILDCAT
County	GOVE
State	KANSAS
Location	330 FSL & 1980 FWL
Comments	THANK YOU FOR USING ELI WIRELINE SERVICES. HAYS, KS. (785) 628-6366 COMPUTED SHOT GOGLAM EXT 270 SOUTH TO FIRST SET OF CURVES. SOUTH AND WEST INTO IN MIDDLE OF CURVE
Date	12/10/2010
Time	08:00:00
Operator	TREGO
Rig	DUNBARNO No. 1-2
Elevation	2766 KB 2761 GL
Depth Ref	KB
Log Date	12/10/2010
Log Time	08:00:00
Run Number	ONE
Depth Type	DRILLER
Depth Type	LOGGER
Bottom Log Int.	4330
Top Log Int.	0
Casing Type	8 5/8 @ 1 JOINT
Bit Size	7 7/8
Max Temp	110
Max Deviation	0.25
Min Deviation	0.25
Mud Type	CHEMICAL
Mud Density	9.0
Mud Viscosity	50
Mud Resistivity	0.6
Mud Resistivity Temp	70
Mud Filtrate Resistivity	0.5
Mud Filtrate Resistivity Temp	70
Mud Cake Resistivity	0.75
Mud Cake Resistivity Temp	70
Max Rec Temp	110
Equip. Number	1
Equipment Type	COMPUTED SHOT
Recorded By	DAVID
Witnessed By	DAVID

COMPUTED DEDIT INSTRUCTION 1-D

All interpretations are expressed as inferences from electrical or other measurements and are based on models and assumptions that are not guaranteed. Accuracy or completeness of any interpretation, and we shall not, except to the core of gross or willful negligence or 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.

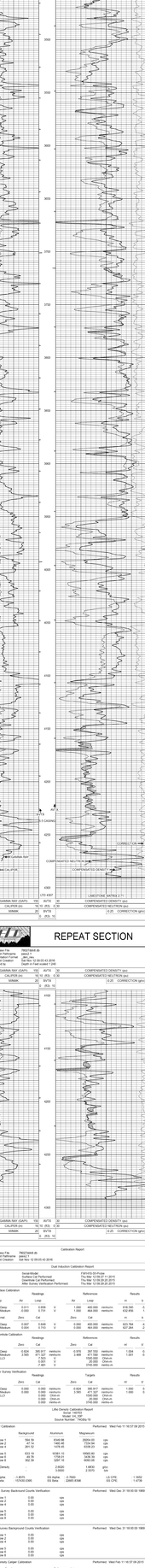
Comments

THANK YOU FOR USING ELI WIRELINE SERVICES. HAYS, KS. (785) 628-6366
COMPUTED SHOT
GOGLAM EXT 270
SOUTH TO FIRST SET OF CURVES. SOUTH AND WEST INTO IN MIDDLE OF CURVE

MAIN PASS

Database File 7802Shell.db
Dataset Name main
Presentation Format jlm_ver
Dataset Creation Sat Nov 12 09:12:42 2016
Channels In 5
Depth In Feet Depth in Feet scaled 1:240

1	GAMMA RAY (GAPI)	150	INTX	30	COMPENSATED DENSITY (pu) 10
2	CALIPER (in)	16	16 (DS)	6	COMPENSATED NEUTRON (pu) 10
3	SPARK	20	INTX		0.25 CORRECTION (gmcc) 0.25
		2	(KS) 10		



REPEAT SECTION

Database File 7802Shell.db
Dataset Name repeat
Presentation Format jlm_ver
Dataset Creation Sat Nov 12 09:15:43 2016
Channels In 5 Depth In Feet Depth in Feet scaled 1:240

1	GAMMA RAY (GAPI)	150	INTX	30	COMPENSATED DENSITY (pu) 10
2	CALIPER (in)	16	16 (DS)	6	COMPENSATED NEUTRON (pu) 10
3	SPARK	20	INTX		0.25 CORRECTION (gmcc) 0.25
		2	(KS) 10		

Calibration Report

Database File 7802Shell.db
Dataset Pathname pass1.3
Dataset Creation Sat Nov 12 09:05:42 2016

Test Hulchon Calibration Report

Serial/Model FSI/HVS-05-Hvs
Date Last Shop Cal Thu Mar 11 09:00:00 2010
Downhole Cal Performed Thu Mar 12 08:20:01 2010
After Survey Verification Performed Thu Mar 12 08:20:01 2010

Surface Calibration

	Readings			References			Results		
Loop	Air	Loop	Air	Loop	Air	H	S	
Deep	0.011	0.836	V	1.000	400.000	nanoHo	818.590	-0.524
Medium	0.000	0.000	V	0.000	400.000	nanoHo	400.000	0.000
Internal	Zero	Cal		Zero	Cal	H	S	
Deep	0.007	0.545	V	0.000	400.000	nanoHo	420.784	-4.595
Medium	0.000	0.000	V	0.000	400.000	nanoHo	427.264	-2.231

Downhole Calibration

	Readings			References			Results		
	Zero	Cal		Zero	Cal	H	S		
Deep	0.836	385.917	nanoHo	0.836	387.000	nanoHo	1.084	0.148	
Medium	3.565	417.527	nanoHo	3.484	417.500	nanoHo	1.001	-0.098	
L-R	2.729	31.610	nanoHo		30.500	nanoHo			
	0.000	0.000	V		28.000	Ohm-m			
	0.000	0.000	V		28.000	Ohm-m			

After Survey Verification

	Readings			Targets			Results		
	Zero	Cal		Zero	Cal	H	S		
Deep	0.000	0.000	nanoHo	0.836	387.917	nanoHo	1.000	0.000	
Medium	0.000	0.000	nanoHo	3.565	417.527	nanoHo	1.000	0.000	
L-R		0.000	nanoHo		29.610	nanoHo			
		0.000	Ohm-m		28.000	Ohm-m			
		0.000	nanoHo		0.000	nanoHo			

Life-Checks Calibration Report
Serial/Model FSI/HVS-05-Hvs
Model 1M_DP
Source Number 1H2Ds 10

Master Calibration Performed Wed Feb 11 16:57:38 2015

	Background	Aluminum	Magnesium		
Window 1	384.59	6349.98	29254.00	cps	
Window 2	1.00	1.00	1.00	cps	
Window 4	1.00	1.00	1.00	cps	
Window 5	633.19	10363.10	16900.80	cps	
Window 6	1.00	1.00	1.00	cps	
Window 7	362.78	3287.10	8600.00	cps	
Bulk Density		2.6320	1.6830	g/cc	
Pe		2.5000	2.5070	b/e	
LS Alpha	-1.8570	SS Alpha	-0.7850	LS CPE	1.1652
LS Delta	157.6130	SS Delta	2265.8348	SS CPE	1.0736

Before Survey Background Counts Verification Performed Wed Dec 31 19:00:00 1969

Window 1	0.00	cps
Window 2	0.00	cps
Window 4	0.00	cps
Window 5	0.00	cps
Window 6	0.00	cps
Window 7	0.00	cps

After Survey Background Counts Verification Performed Wed Dec 31 19:00:00 1969

Window 1	0.00	cps
Window 2	0.00	cps
Window 4	0.00	cps
Window 5	0.00	cps
Window 6	0.00	cps
Window 7	0.00	cps

Before Survey Caliper Verification Performed Wed Feb 11 16:57:38 2015

Reference	Reading	Calipers (in)
0.00	0.00	0.00

After Survey Calipers Verification Performed Wed Feb 11 16:57:38 2015

Reference	Reading	Calipers (in)
0.00	0.00	0.00

Calipers Verification

Line	High	Low	High	Gain	Offset
5265.0	9455.1	8.8	14.0	0.0	1.2

Before Survey Calipr Verification Performed

Reference	Reading

Caliper (in)

After Survey Caliper Verification Performed

Reference	Reading

Caliper (in)

Compensated Neutron Calibration Report

Serial Number 0400STRC
Tool Model NMDPD

PRE-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	n/a		
Long Space	n/a	pu	pu

POST-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	n/a		
Long Space	n/a	pu	pu

Gamma Ray Calibration Report

Serial Number 0700GR
Tool Model 1
Performed Wed Jun 29 08:29:10 2016

Calibrator Value	1.0	GAPI
Background Reading	0.0	cps
Calibration Reading	1.0	cps
Sensitivity	n/a	GAPI/cps