Company	McGOWAN OIL COMPANY
Well	BROTHERS # 1-35
Field	
County	COWLEY
State	KANSAS

DUAL INDUCTION LL3GR LOG

OSAGE WIRELINE

Company	McGOWAN OIL COMPANY
Well	BROTHERS # 1-35
Field	
County	COWLEY State KANSAS
Location:	API #: 15-035-24499-0000 SE NW NW NE 1320' FNL & 1320' FEL SEC 35 TWP 31S RGE 5E
Other Services	CDL/SWN, MEL

Permanent Datum	GL	Elevation	1312'
Log Measured From	GL		
Drilling Measured From	KB 9'		

Elevation
K.B. 1321'
D.F. 1320'
G.L. 1312'

Date	4-21-2013		
Run Number	ONE		
Depth Driller	3577'		
Depth Logger	3570'		
Bottom Logged Interval	3568'		
Top Log Interval	SURFACE		
Casing Driller	8.625" @ 219'		
Casing Logger	8.625" @ 219'		
Bit Size	7.875"		
Type Fluid in Hole	DISPERSED		
Density / Viscosity	9.2 / 52		
pH / Fluid Loss	9.4 / 11.0		
Source of Sample	PIT		
Rm @ Meas. Temp	2.10 @ 60		
Rmf @ Meas. Temp	2.52 @ 60		
Rmc @ Meas. Temp	1.68 @ 60		
Source of Rmf / Rmc	CAL		
Rm @ BHT	1.14 @ 110		
Time Circulation Stopped	7:00 AM		
Time Logger on Bottom	10:30 AM		
Maximum Recorded Temperature	110		
Equipment Number	OW2		
Location	HOMINY, OK		
Recorded By	LOWERY		
Witnessed By	MR. McGOWAN	MR. EYLER	MR. WARREN

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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.

Comments

OW2-8365

THANK YOU

CREW : JOHNSON

OSAGE WIRELINE

2" DIL SECTION

Database File:	ow2-8365 ncgowan oil.db
Dataset Pathname:	DILM/pass1.4
Presentation Format:	dil2mdcol
Dataset Creation:	Sun Apr 21 12:17:51 2013 by Calc SOC 120430
Charted by:	Depth in Feet scaled 1:600

0 GR (GAPI) 150
0 SP (mV) 200

0 RLL3 (Ohm-m) 50
0 RILM (Ohm-m) 50
0 RILD (Ohm-m) 50
1000 CILD (mmho/m) 0
1000 CILM (mmho/m) 0

0 GR (GAPI) 150
0 SP (mV) 200

0 RLL3 (Ohm-m) 50
0 RILM (Ohm-m) 50
0 RILD (Ohm-m) 50
1000 CILD (mmho/m) 0
1000 CILM (mmho/m) 0

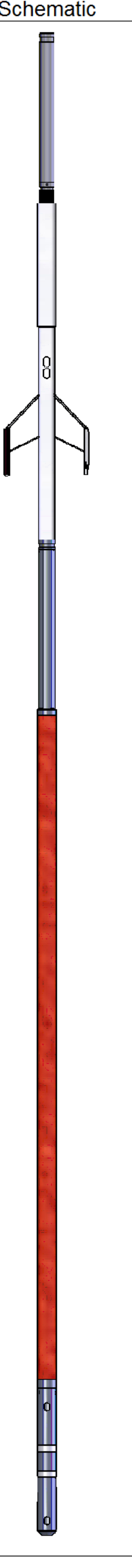
OSAGE WIRELINE

5" DIL SECTION

Database File:	ow2-8365 ncgowan oil.db
Dataset Pathname:	DILM/pass1.3
Presentation Format:	dil5mdcol
Dataset Creation:	Sun Apr 21 12:17:46 2013 by Calc SOC 120430
Charted by:	Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150
0 SP (mV) 200
-140 Rxo\Rt 40

0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	29.91		GR-PTS_OH (120327) Open Hole Gamma Ray	3.68	3.38	50.00
MN MCAL MI	23.03 23.03 22.95		MEL-GOI (TEL) Microlog Telemetry	7.21	3.50	100.00
CILD SP	10.92 10.92		DIL-GEAR (159) Dual Induction Electrical Log	21.36	4.00	345.00
CILM	7.00					
RLL3	1.67					

Dataset: ow2-8365 ncgowan oil.db: field/well/DILM/pass1
Total Length: 32.25 ft
Total Weight: 495.00 lb
O.D. 4.00 in

1" DIL SECTION

Database File: ow2-8365 ncgowan oil.db
Dataset Pathname: DILM/pass1.2
Presentation Format: dil1
Dataset Creation: Sun Apr 21 12:17:41 2013 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:1200

1" DIL SECTION