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

OSAGE WIRELINE

COMPENSATED DENSITY SIDEWALL NEUTRON MICROLOG

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	DIL
Permanent Datum	GL	Elevation	1312'
Log Measured From	GL	Elevation	K.B. 1321' D.F. 1320' G.L. 1312'
Drilling Measured From	KB 9'		

Date	4-21-2013		
Run Number	ONE		
Depth Driller	3577'		
Depth Logger	3570'		
Bottom Logged Interval	3568'		
Top Log Interval	1500'		
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
LIMESTONE MATRIX 2.71g/cc
ABHV COMPUTED WITH 5 1/2" CASING
THANK YOU

CREW : JOHNSON

OSAGE WIRELINE

5" CDL/SWN MICROLOG

Database File:	ow2-8365 ncgowan oil.db
Dataset Pathname:	CDLN/merge2
Presentation Format:	den-melpr
Dataset Creation:	Sun Apr 21 13:13:14 2013
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10		Micro Inverse
6	Bit size (in)	16	ABHV	30	Neutron Porosity (pu)	-10	0	(Ohm-m) 60
6	Density Caliper (in)	16			Correction			Micro Normal
6	Micro Caliper (in)	16		-0.5	(g/cc)	0.5	0	(Ohm-m) 60
0	SP (mV)	200						

0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10		Micro Inverse
6	Bit size (in)	16	ABHV	30	Neutron Porosity (pu)	-10	0	(Ohm-m) 60
6	Density Caliper (in)	16			Correction			Micro Normal
6	Micro Caliper (in)	16		-0.5	(g/cc)	0.5	0	(Ohm-m) 60
0	SP (mV)	200						

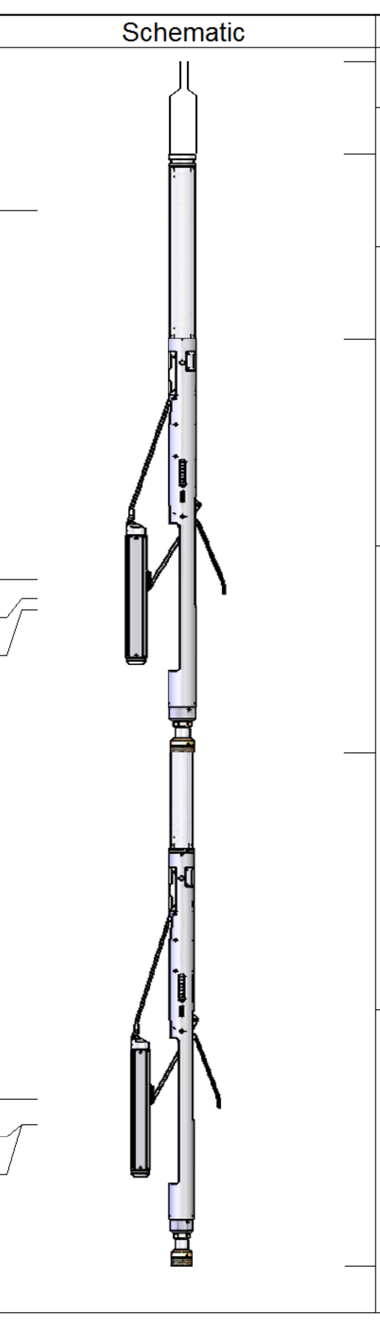
OSAGE WIRELINE

5" CDL SECTION

Database File:	ow2-8365 ncgowan oil.db
Dataset Pathname:	CDLN/merge1
Presentation Format:	bulk6
Dataset Creation:	Sun Apr 21 13:11:08 2013
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)		3
6	Bit size (in)	16	ABHV	30	Density porosity (pu)		-10
6	Density Caliper (in)	16			-0.5	Correction (g/cc)	0.5
6	Neutron Caliper (in)	16			5000	Line Tension (lb)	500

0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
6	Bit size (in)	16	ABHV	30	Density porosity (pu)	-10
6	Density Caliper (in)	16		-0.5	Correction (g/cc)	0.5
6	Neutron Caliper (in)	16		5000	Line Tension (lb)	500

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CableHead Isulation Sub	1.42	3.00	20.00
GR	16.06		Gamma-Oilex3006 (3006) Gamma Ray Section	2.81	3.50	75.00
LSD DCAL SSD	10.44 10.15 9.98		Density-Oilex3006 (280) Density Section	6.29	4.00	200.00
SCAL NEU SWN	2.54 2.15 2.15		Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00

Dataset: ow2-8365 ncgowan oil.db: field/well/CDLN/pass1
Total Length: 18.33 ft
Total Weight: 445.00 lb
O.D. 4.00 in