

**Marc Downing**

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**GEOLOGIC REPORT LOG**

COMPANY: Downing-Nelson Oil Co., Inc. 145 184  
WELL: Georgine Stack #1-19  
FIELD: Wildcat

LOCATION: 2005' FSL & 2280' FSL  
SEC. 19 TWP. 14S RGE. 18W

COUNTY: Ellis  
STATE: Kansas

OPERATOR: Direct  
CONTRACTOR: Dissaway Drilling & Rig #4  
CONM: 5-22-13 COMP: 5-28-13  
CASING RECORD: CASING RECORD  
SURF: 498 @ 637 PROD: 6 1/2 @ 3824  
TOTAL DEPTH DRILLERS: 3534  
TOTAL DEPTH LOG: 3534

PRODUCTION: LHC  
ELEVATION: KB 2112  
DF: 2104  
GL: 2104

Drilling Measured From: NS  
Samples Saved From: 3100 to 3100 TD  
Drilling Time From: 3050 to 3050 TD  
Samples Examined From: 3100 to 3100 TD  
Geological Supervision From: Marc Downing  
Wellbore Geologist: Marc Downing  
Electrician: J. Adams  
CML/CNL: OIL

MEI: -  
Sonic: Sawc

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
Top Anhydrite	1360	1360	4752	-10
Base Anhydrite	1401	1401	4711	NA
Tapoka	3126	3127	-1015	NA
Tegeona	3381	3382	-1270	T#
Taranta	3399	3402	-1320	T#
LHC	3431	3432	-1320	T#
ARK	3454	3459	-1391	NA
Arbuckle	3774	3774	-1402	46

REFERENCE WELL FOR STRUCTURE: Lebon Drilling Sec. 19-14S-18W  
Rane #1 NGL-NGL-SE

**DRILL STEM TESTS**

No.	Interval	HP/Time	ISP/Time	FFP/Time	SSP/Time	HP-RIP	RECOVER

REMARKS AND RECOMMENDATIONS:  
Refer to "D" zone before abandonment.

LEGEND

