

**Marc Downing**

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**GEOLOGIC REPORT LOG**

COMPANY: Downing Nelson Oil Co, Inc.

WELL Name: #1-L

FIELD: Steffen

LOCATION: 2305' S1/4 of 22 1/2 Sec

SEC. 6 TWP. 21S RGE. 20W

COUNTY: Pottawatomie

STATE: Kansas

OPERATOR: DNEI

CONTRACTOR: Discoveries Drilling, Rig #4

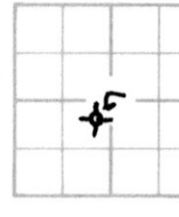
CONM: 2-19-13 COMP: 3-2-13

CASING RECORD

SURF: 58' @ 431' PROD. Above

TOTAL DEPTH LOG: 4394'

21S 20W



PRODUCTION D-A  
KB 2212  
DF 2204

Drilling Measured From: FB  
Samples Saved From: 4180 to TO  
Drilling Time From: 3600 to TD  
Samples Examined From: 4180 to TD  
Geological Supervision From: 3600 to total depth  
Geological Geologist: Marc Downing  
Wellsite Geologist: Above  
Electrical Surveys: Above

**FORMATION TOPS AND STRUCTURAL POSITION**

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA POSITION	STRUCTURAL POSITION
Top Anhydrite	1371		4835	-2
Base Anhydrite	1402		4810	-5
Heerner	3730		-1514	-3
Lansing	3780		-1516.8	-4
BKC	4184		-1892	-4
Fort Scott	4285		-2073	-5
Cherokee Sh.	4305		-2093	-5
Miss	4382		-2150	-11
Osage	4383		-2171	-15

REFERENCE WELL FOR STRUCTURE: DNEI  
Tomburg-Verdunburg #1L This is a 2150' well Sec. 6 21S 20W

**DRILL STEM TESTS**

No.	Interval	IFP/Time	SIP/Time	FFP/Time	ESP/Time	HP-FHP	RECOVERY

REMARKS AND RECOMMENDATIONS:

**LEGEND**

