Marc Downing
Consulting Petroleum Geologist
1411 Washington Circle
Hays, Ks 67601
Phone: 620-938-1356 (cell) 785-621-2286

GEOLOGIC REPORT LOG

COMPANY Downing-Nelson Oil Co, Inc.
WELL Shanwalter #1-17
FIELD Browns Grove
LOCATION 760 fsl & 2490 fel
SEC. 17 TWP. 20s RGE. 26w
COUNTY Pawnee
STATE Kansas

20s – 26w – 17

PRODUCTION Miss
ELEVATION KB 2188
DF
GL 2180

Drilling Started From 3650 To TD
Samples Saved From 3650 To TD
Drilling Time From 3650 To TD
Samples Examined From 3650 To TD
Geological Supervision 3650 To Total Depth
Drilling Contractor Mark Downing Log-Tech

CASING RECORD
SURF 5⅝" @ 1167 w/ 650 sx CEMENT
PROD 4½" @ 4326 w/ 225 sx CEMENT
TOTAL DEPTH DRILLER 4327
TOTAL DEPTH LOG 4333

Con./Con.
DST
NEL
Sonic

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	ADJUSTED LOG	SUBSEA	STRUCTURAL POSITION
Top Anhydrite	1369	1370	+819	-5
Base Anhydrite	1393	1394	+795	-5
Heebner	3695	3696	-1507	-11
Lansing	3743	3745	-1556	-6
BKC	4004	4005	-1815	-7
Fort Scott	4221	4223	-2033	+1
Cherokee Sh	4238	4240	-2051	-1
Miss	4286	4294	-2105	+7
Dmiss	4326	4331	-2142	+1

REFERENCE WELL FOR STRUCTURE DNOCK
Shanwalter-Vandenberg #1-17 2190 fnl & 1650 fwl Sec. 17-20s-26w

DAILY PENETRATION

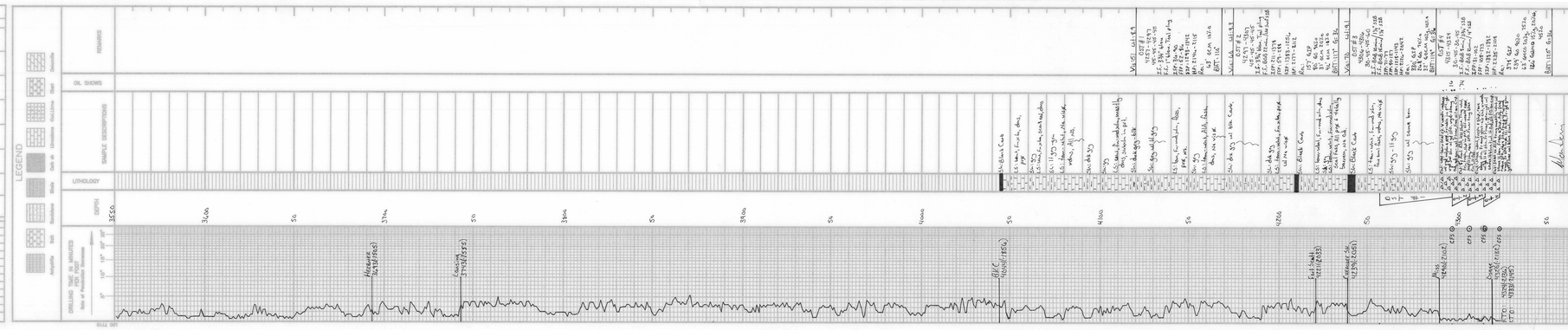
DATE	DEPTH

BIT RECORD

NO	SIZE	MAKE	TYPE	DEPTH OUT	FOOT	HOURS

POSITION | INTERVAL | DESCRIPTION OF SAND | BAR AMOUNTS a b c d e f

DRILL STEM TESTS

No.	Interval	IFP/Flow	ISIP/Flow	FFP/Flow	FSIP/Flow	Min/Hr	Recovery

SAMPLES AND RECONSTRUCTION