

COMPANY: **Downing-Nelson Oil & Inc**

WELL: **Brenda #1-B**

FIELD: **Evans Grove**

LOCATION: **1370' EX - 2310' FEL**

SEC. **8** TWP. **20S** RGE. **20W**

COUNTY: **TANAGER**

STATE: **KANSAS**

OPERATOR: **EXLOCI**

CONTRACTOR: **Dispersion Digs. Pkg # 3**

COMM. **4-14-74** COMP. **4-23-74**

SUNF. **8518 - 1178** PROD. **512 - 4330**

TOTAL DEPTH DRILLERS: **4336**

TOTAL DEPTH LOG: **4337**

PRODUCTION: **Miss Oage**

ELEVATION: **KB 2188**

DE: **2186**

GL: **2188 LB**

Drilling Measured From: **4200** To: **TD**

Sample Speed From: **3650** To: **TD**

Drilling Time From: **4200** To: **TD**

Sample Examined From: **4200** To: **TD**

Geological Supervised From: **Alan Downing** To: local depth

Wellbore Geologist: **Alan Downing**

Electrical Systems: **AT&T**

Electrician: **Marcelo**

Some - Dual Induction

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	ELECTRIC LOG	SUB-SEA	STRUCTURAL POSITION
Anhydrite	1376	1372	+ 796	-1
Base	1466	1348		-1
Hebner	3697	3696	-1508	-6
Lansing	3747	3744	-1514	-8
RVC	4049	4046	-1858	-1
H. Scott	4225	4224	-2036	-1
Cherokee Sh.	4243	4243	-2055	-2
Miss	4304	4304	-2118	-8
OSAGE	4331	4332	-2144	+1

REFERENCE WELL FOR STRUCTURE: **Bell Bros.**

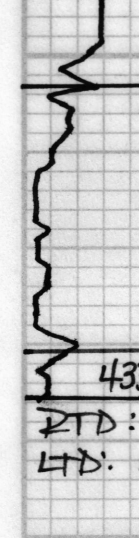
Ray L. Miller #1 SW-SE-SE

Sec 8-20s-20w Tanager Co., KS

DRILL STEM TESTS

No.	Interval	IFF/Time	ISF/Time	FFP/Time	FSF/Time	HR-FHP	RECOVERY

LEGEND



DRILLING TIME IN MINUTES PER FOOT
 Rate of Penetration Decreases

DEPTH

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

REMARKS AND RECOMMENDATIONS

HEBNER 3697 (-1589)

LANSING 3747 (-1559)

RVC 4049 (-1861)

Fred Scott 4225 (-2037)

Cherokee Sh. 4243 (-2055)

MISS 4304 (-2116)

OSAGE 4331 (-2143)

PTD: 4336 (-2148)

LTD: 4337 (-2149)

SH: Black - carb

sn: gm - v dark

LS: Tan f. v. fm all v. tile

stiff f. ss - gm - shale

LS: Tan fm cse - few fgs

frags.

sn: Black - carb

LS: Whit f. v. fm f. ss w/ few

colts. No snow

sn: gm - v. silty

w/ scatt Lt. Tan - off/whit

fm LS lensis throughout

shale mostly gm - firm

Oil. Whit - Tan w/ some v. weathered

whit & clst w/ fr. gds so - good stn

gsy sfo, lt. fr. color - oil on cup

snow only in weathered 12x.

Oil. Incc. Whit - clst w/ ls so sfo

fr. faint over more sparse inclusion

sh. some good weathered w/ fr. sfo

mostly whit sharp accent w/ some

good weathered of fr. sfo, some good

snows & stns on face plus fr. color

DST #1
 4241 - 4317
 45 - 45 - 45 - 45
 Rec: 50' osm
 IHP: 2182#
 FFP: 36-38#
 FFP: 34-47#
 SP: 1123-1041#
 FHP: 2162#
 Temp: 115°F

DST #2
 4317 - 4337
 30 - 30 - 30 - 30
 Rec: 32' osm
 IHP: 2199#
 FFP: 20-23#
 FFP: 30-33#
 SP: 1256-1205#
 FHP: 2089#
 Temp: 115°F

DST #3
 4324 - 4336
 45 - 45 - 45 - 45
 Bob - 15 min
 23/8" Return
 Bob - 22 min
 1" Return
 Rec:
 335' g'p
 40' clear oil
 315' smco
 (5m - 20g - 750)
 63' smco
 (6w - 5g - 35m - 350)
 63' sowing m
 (50 - 5w - 10g - 20w)
 IHP: 2217#
 FFP: 35-113#
 FFP: 120-197#
 SP: 1381-1380#
 FHP: 2147#
 Temp: 127°F