

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

BACH OIL PRODUCTION

WELL: LUCY #1

LOC.: 2100' FNL & 1750' FEL
SEC. 3-2-19W
PHILLIPS COUNTY, KANSAS
API: 15-147-20702-00-00

DRILLING CONTR.: MURFIN RIG #8
SPUD: 02-13-13 COMP: 02-17-13
MUD UP: 2800' TYPE MUD: CHEM.
DRILL TIME: 3100 to' RTD
RTD: 3655' LTD: 3656'
SAMPLES SAVED: 3150'-RTD
GEOLOGIST: ROBERT J. PETERSEN

ELEVATION

KB: 2228
GL: 2223
LOG MEASURED FROM: KB

SURFACE CASING

20# 8 5/8" Casing set @ 210 w/175 SX

PRODUCTION CASING

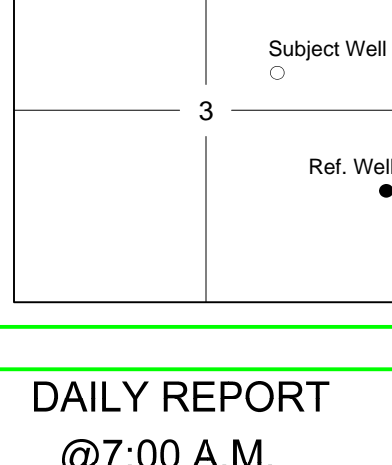
5 1/2" Casing set

WELL LOG SURVEYS

Compensated Density
Dual Induction
Micro

ELECTRIC LOG TOPS

FORMATION	DEPTH	DATUM	POSITION
Stone Corral	1805	+423	-19
Base Stone Corral	1825	+403	-18
Topeka	3148	-920	-16
Heebner	3357	-1129	-12
Toronto	3386	-1158	FLAT
Lansing	3405	-1177	-9
Muncie Creek	3515	-1287	-12
Stark	3579	-1351	-12
Base Kansas City	3621	-1393	-12



REFERENCE WELL:

Bach
KVK #1
SE SE NE SE
3-2-19W

REMARKS AND RECOMMENDATIONS

Production casing has been run to further test this well.

Respectfully submitted,

Robert J. Petersen
Robert J. Petersen

DAILY REPORT

@7:00 A.M.

02-13-13 MIRU/SPUD
02-14-13 750' Drilling

02-15-13 2514' Drilling

02-16-13 3340' Drilling

02-17-13 3655' RTD logging

