

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

BACH OIL PRODUCTION
WELL: KAUK-KATS UNIT #1

LOC.: 200' FSL & 800' FEL
SEC. 3-2-19W
PHILLIPS COUNTY, KANSAS
API: 15-147-20719-00-00

DRILLING CONTR.: MURFIN RIG #24
SPUD: 09-03-13 COMP: 09-07-13
MUD UP: 2800' TYPE MUD: CHEM.
DRILL TIME: 3100 to' RTD
RTD: 3800' LTD:3798'
SAMPLES SAVED: 3100'-RTD
GEOLOGIST: ROBERT J. PETERSEN

ELEVATION

KB: 2252
GL: 2247
LOG MEASURED
FROM: KB

SURFACE CASING

20# 8 5/8 "
Casing set @ 265
w/175 SX

PRODUCTION CASING

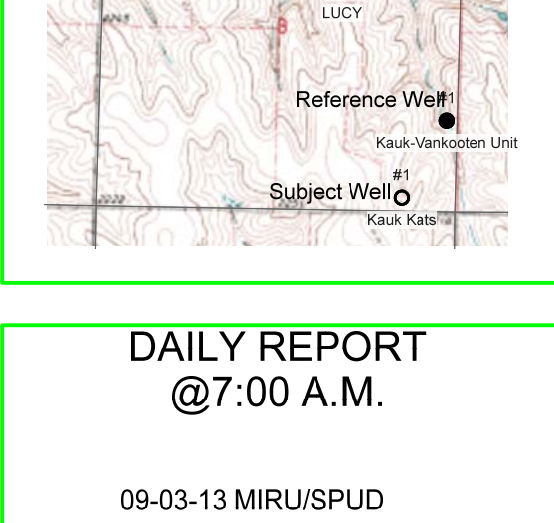
5 1/2"
Casing set

WELL LOG SURVEYS

CDL/DIL/MICRO

ELECTRIC LOG TOPS

FORMATION	DEPTH	DATUM	POSITION
Stone Corral	1807	+445	+3
Base Stone Corral	1825	+427	+6
Topeka	3152	-900	+4
Heebner	3365	-1113	+4
Toronto	3395	-1143	+15
Lansing	3413	-1161	+7
Muncie Creek	3521	-1269	+6
Stark	3585	-1333	+6
Base Kansas City	3625	-1373	+8
Arbuckle	3760	-1508	+18



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.

- 09-03-13 MIRU/SPUD
- 09-04-13 315' Drilling
- 09-05-13 2280' Drilling
- 09-06-13 3305' Drilling
- 09-07-13 3800' RTD

