

# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

### BACH OIL PRODUCTION

WELL: BILLY #3

LOC.: 600' FSL & 2310' FWL  
 SEC. 3-2-19W  
 PHILLIPS COUNTY, KANSAS  
 API: 15-147-20797-00-00

DRILLING CONTR.: MURFIN RIG #24  
 SPUD: 12-26-13 COMP: 12-30-13  
 MUD UP: 2850' TYPE MUD: CHEM.  
 DRILL TIME: 3050 to' RTD  
 RTD: 3665' LTD:3662'  
 SAMPLES SAVED: 3080'-RTD  
 GEOLOGIST: ROBERT J. PETERSEN

### ELEVATION

KB: 2269  
 GL: 2264  
 LOG MEASURED  
 FROM: KB

### SURFACE CASING

20# 8 5/8" Casing set @ 222' w/175 SX

### PRODUCTION CASING

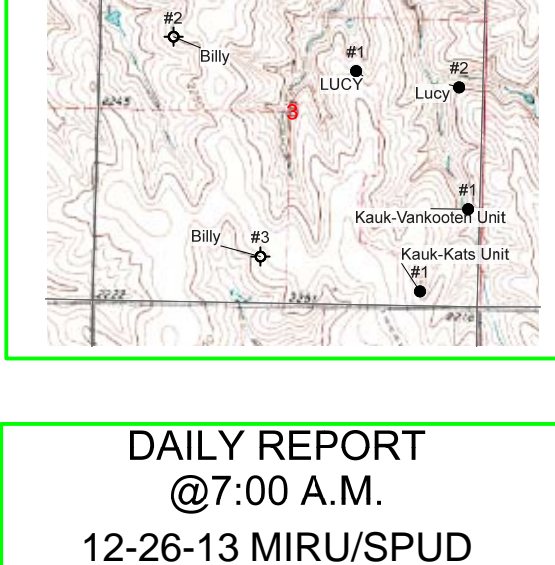
D&A

### WELL LOG SURVEYS

Compensated Density  
 Dual Induction  
 Micro

### ELECTRIC LOG TOPS

FORMATION	DEPTH	DATUM	POSITION
Stone Corral	1842	+427	+4
Base Stone Corral	1853	+416	+13
Topeka	3188	-919	+1
Heebner	3397	-1128	+1
Toronto	3426	-1157	+1
Lansing	3445	-1176	+1
Muncie Creek	3555	-1286	+1
Stark	3621	-1352	-1
RTD	3625	-1356	-1



### REFERENCE WELL:

Lucy#1  
 2100' FNL & 1750' FEL  
 3-2-19W

### REMARKS AND RECOMMENDATIONS

This well was plugged and abandoned

Respectfully submitted,

*Robert J. Petersen*  
 Robert J. Petersen

### DAILY REPORT

@ 7:00 A.M.

12-26-13 MIRU/SPUD

12-27-13 320'

12-28-13 2130'

12-29-13 3000'

12-30-13 3425'

12-31-13 3665'

