

# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

### BACH OIL PRODUCTION

WELL: GPW Unit#1

LOC.: 1427' FNL & 1415' FWL  
 SEC. 27-1-19W  
 PHILLIPS COUNTY, KANSAS  
 API: 15-147-20678-00-00

### ELEVATION

KB: 2146  
 GL: 2141  
 LOG MEASURED  
 FROM: KB

### SURFACE CASING

8 5/8" Set @ 232'  
 W/170 SX 3% CC 2%gel

### PRODUCTION CASING

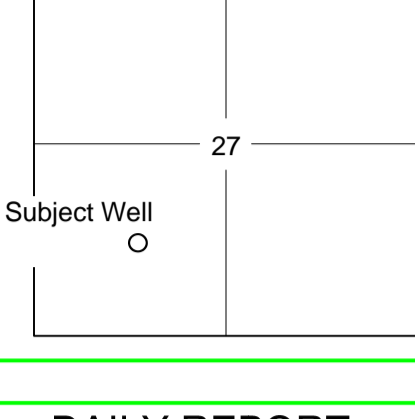
5 1/2" set

### WELL LOG SURVEYS

DIL/CDL/MICRO

### ELECTRIC LOG TOPS

FORMATION	DEPTH	DATUM	A POS.	B POS.
Stone Corral	1783	+363	N/A	-12
Base Stone Corral	1807	+339	-4	N/A
Topeka	3133	-987	N/A	-12
Heebner	3338	-1192	+6	-8
Toronto	3368	-1222	+7	-9
Lansing	3387	-1241	+7	-11
BKC	3605	-1459	+9	-8



### REFERENCE WELL:

Well A: Sinclair-Prairie Oil  
 Martin Johnson #1  
 Elev. 2190 DF  
 33-1-19W

Well B: WJ Coppinger  
 Hartzog #1  
 Elev. 2146 KB  
 34-1-19W

### DAILY REPORT

@7:00 A.M.

5-19-12 MIRU/SPUD  
 5-20-12 870' Drilling  
 5-21-12 2820' Drilling  
 5-22-12 3495' Drilling  
 5-23-12 RTD 3625' Casing Run

### REMARKS AND RECOMMENDATIONS

Production casing was run to further evaluate this well.

Respectfully submitted,

*Robert J. Petersen*  
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