

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

BACH OIL PRODUCTION

WELL: JK UNIT #2

LOC.: 115' FNL & 700' FWL
SEC. 13-1-19W
PHILLIPS COUNTY, KANSAS
API: 15-147-20714-00-00

DRILLING CONTR.: MURFIN RIG #24
SPUD: 08-05-13 COMP: 05-09-13
MUD UP: 2800' TYPE MUD: CHEM.
DRILL TIME: 2950' to RTD
RTD: 3580' LTD: 3578'
SAMPLES SAVED: 2950'-RTD
GEOLOGIST: ROBERT J. PETERSEN

ELEVATION

KB: 2093
GL: 2088
LOG MEASURED
FROM: KB

SURFACE CASING

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

PRODUCTION CASING

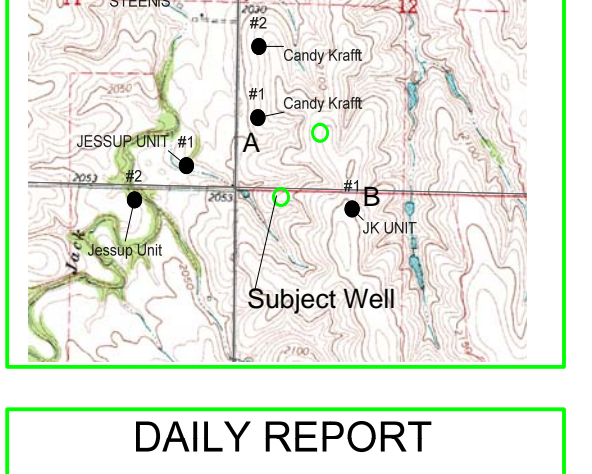
5 1/2" casing set

WELL LOG SURVEYS

DIL/CDL/MICRO

ELECTRIC LOG TOPS

FORMATION	DEPTH	DATUM	POS. A	POS. B
Stone Corral	1719	+374	+2	+2
Base Stone Corral	1742	+351	+2	+1
Topeka	3071	-978	-3	+2
Heebner	3276	-1183	-4	+2
Toronto	3304	-1211	-4	+2
Lansing	3322	-1229	-5	+3
Muncie Creek	3432	-1339	-4	+1
Stark	3497	-1404	-5	+1
BKC	3539	-1446	-6	+2
LTD	3563	-1470	N/A	N/A



REFERENCE WELL:

REF A Bach Candy Krafft #1 1000' FSL & 330' FWL 12-1-19W

REF B Bach JK Unit #1 250' FNL & 1840' FWL 13-1-19W

REMARKS AND RECOMMENDATIONS

Production casing was set to further test this well.

Respectfully submitted,

Robert J. Petersen
Robert J. Petersen

DAILY REPORT

@7:00 A.M.

08-05-13 MIRU/SPUD
08-06-13 425'
08-07-13 2140'
08-08-13 3095'
08-09-13 3580' RTD

