

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

BACH OIL PRODUCTION

WELL: LJ RANCH #1

LOC.: 1600' FNL & 380' FEL
 SEC. 2-4-20W
 PHILLIPS COUNTY, KANSAS
 API: 15-147-20635-00-00

DRILLING CONTR.: MURFIN RIG #16
 SPUD: 11-26-10 COMP: 12-01-10
 MUD UP: 2900' TYPE MUD: CHEM.
 DRILL TIME: 3000-RTD
 RTD: 3700' LTD: 3699'
 SAMPLES SAVED: 3000'-RTD
 GEOLOGIST: ROBERT J. PETERSEN

ELEVATION

KB: 2121'
 GL: 2116'
 LOG MEASURED
 FROM: KB

SURFACE CASING

8 5/8" surface csg.
 Set @217' KB.
 Cem. w/150sx Common,
 3% CC, 2% Gel.

PRODUCTION CASING

5 1/2", 14#
 casing set @3699'
 cem w\600sx
 circ. to surface

WELL LOG SURVEYS

RAG & Sonic w/micro

ELECTRIC LOG TOPS

Formation	Depth	Datum	Postion
Stone Corral	1735	386	-20
Base Stone Corral	1763	358	-23
Topeka	3107	-986	-4
Heebner	3301	-1180	-2
Toronto	3327	-1206	0
Lansing	3345	-1224	-5
BKC	3545	-1424	5
Arbuckle	3637	-1516	-1



REFERENCE WELL:

Sowle Exploration
 Novak#2
 E/2 NE/4 2-4-20W KB 2116

REMARKS AND RECOMMENDATIONS

The operator has run production casing in order to further test this well.

Robert J. Petersen
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DAILY REPORT

@7:00 A.M.

11/24/2010 MIRU
 11/25/2010 Thanksgiving off
 11/26/2010 Spud
 11/27/2010 1000' Drilling
 11/28/2010 2600' Drilling
 11/29/2010 3368' CFS
 11/30/2010 3430' DST#2
 12/01/2010 3700' RTD
 Conditioning hole for casing

