ATTACHMENT TO ACO-1

API #15-163-24134
Tomcat B #3
NE NW SE NW
Sec. 24-T10S-R20W
Rooks County, KS

SAMPLE TOPS	TOMCAT B 3 SAMPLES KB 2160	LOG TOPS KB 2160
ANHYDRITE	1575 (+585)	
B/ANH	1607 (+553)	
TOPEKA	3166 (-1006)	
HEEBNER	3373 (-1213)	3375 (-1215)
TORONTO	3396 (-1236)	3397 (-1237)
LANSING	3410 (-1250)	3413 (-1253)
MUNCIE CRK	3531 (-1371)	3533 (-1373)
STARK		3594 (-1434)
BKC	3620 (-1460)	3623 (-1463)
CONG	3650 (-1490)	3652 (-1492)
ARBUCKLE	3719 (-1559)	3721 (-1561)
RTD	3727 (-1567)	
LTD		3725 (-1565)

DST #1 3368-3483 Zone: Toronto – LKC A – D zones
Times: 30-45-45-60
1st open: Built to 4” in 30 minutes – No BB
2nd open: Slowing built to 3” in 45 minutes – No BB
Rec: 52’ DM + 63’ SlOSptM
TOOL SAMPLE: OSptM; 2% OIL, 98% MUD
IFP: 30-47 FFP: 47-66
ISIP: 797 FSIP: 763
HYD: 1611-1611 TEMP: 107.3 degrees F

DST #2 3475-3635 Zone: LKC F – L zones
Times: 30-45-45-60
1st open: 4.25” No BB
2nd open: 2.5” No BB
Rec: 4’ CO; 70’ SOSWM (<1% oil, 45% Wtr, 55% Mud)
Tool Sample – 10% oil, 50% Wtr, 40% mud

IFP: 13-29 FFP: 32-44
ISIP: 587 FSIP: 533
HYD: 1685-1682 TEMP: 108F

DST #3 3618-3722' Zone: Cong-Arb
Times: 30-45-45-60
1st open: 4.5" No BB
2nd open: 5.5" No BB
Rec: 20' CO + 60' HOCM (20% oil, 80% mud)
Tool sample – 35% oil, 65% mud

IFP:	14-24	FFP:	27-44
ISIP:	796	FSIP:	792
HYD:	1781-1780	TEMP	110F

DST#4 3722-3727' MIS-RUN Hit a bridge @ 1060'

DST#5 3722-3727' MIS-RUN Hit a bridge @ 1068'