

ATTACHMENT TO ACO-1

API #15-065-23954
 Bass #10
 SE NE NW SW
 Sec. 12-10S-21W
 Graham Co., KS

<u>SAMPLE TOPS</u>	<u>BASS #10</u>	
	<u>SAMPLES</u>	<u>LOG TOPS</u>
	KB2277	KB2277
ANHYDRITE	1752 (525)	1751 +526
B/ANH	1788 (489)	1786 +491
TOPEKA	3284 (-1007)	3283 -1006
HEEBNER	3486 (-1209)	3483 -1206
TORONTO	3509 (-1232)	3507 -1230
LANSING	3526 (-1249)	3524 -1247
MUNCIE CRK	3645 (-1368)	3646 -1369
STARK	3709 (-1432)	3707 -1430
SWOPE	3715 (-1438)	3714 -1437
HUSHPUCKNEY	3731 (-1454)	3730 -1453
BKC	3747 (-1470)	3745 -1468
ARBUCKLE	3809 (-1532)	3809 -1532
RTD	3910 (-1633)	3910 -1633
LTD	3910 (-1633)	3910 -1633

DST #1 3481-3615

Zone: Toronto - LKC F zones

Times: 30-45-45-60

1st open: WSB, inc to 1.5", No BB

2nd open: VWSB, inc to 1.25", No BB

Rec: 62' DM (100% mud w/some gassy bubbles.
 Tool sample – aa w/few spots of oil and slight sulfur odor

IFP: 10-25

FFP: 27-45

ISIP: 609

FSIP: 564

HYD: 1663-1640

TEMP: 107F

DST #2 3640-3767

Zone: LKC H to L zones

Times: 30-45-45-60

1st open: WSB, inc to 1.25", No BB

2nd open: WSB, inc to 2.5", No BB

Rec: 31' SOCM (8& Oil, 92% mud)
 Tool Sample – 3% gas, 20% oil, 2% wtr, 75% mud

IFP: 9-16

FFP: 17-23

ISIP: 427

FSIP: 298

HYD: 1756-1756

TEMP: 107F

Took 80,000# and jars to free up (str wt – 56,000)

DST #3 3743-3814

Zone: Arb – 5'p

Times: 30-45-45-60
1st open: GSB, inc to 3", No BB
2nd open: VWSB, inc to 1.25", No BB
Rec: <1' CO; 44'SOCWM (5% Oil, 11% Wtr, 84% Mud) Cl - 8000 ppm
Tool Sample – 10% oil, 20% wtr, 70% mud
IFP: 10-22 **FFP:** 23-32
ISIP: 239 **FSIP:** 230
HYD: 1826-1818 **TEMP:** 106F

DST #4 3814-24 **Zone:** Arb 15'p
Times: 30-45-45-60
1st open: GSB, BOB 23 min, No BB
2nd open: WSB, inc to 11", No BB
Rec: 25' CO; 275' OSMW (3& Oil, 84% Wtr; 13% mud); 300' TF. Cl -22,000 ppm
Tool Sample – 2% oil, 97% wtr, 1% mud
IFP: 11-73 **FFP:** 74-138
ISIP: 320 **FSIP:** 320
HYD: 1849-1800 **TEMP:** 112F

DST #5 3824-34 **Zone:** Arb 25'p
Times: 30-45-45-60
1st open: WSB, inc to 9", No BB
2nd open: VWSB, inc to 8", No BB
Rec: 48' CO; 127' OSMW (2% oil, 85% wtr, 13% mud); 175' TF. Cl - 30,000 ppm
Tool Sample – 4% oil, 94% wtr, 2% mud
IFP: 9-48 **FFP:** 46-84
ISIP: 423 **FSIP:** 423
HYD: 1887-1885 **TEMP:** 110F

DST #6 3834-45 **Zone:** Arb 36'p
Times: 30-45-45-60
1st open: GSB, BOB 3 min, ¼" BB
2nd open: GSB, BOB 5 min, 1.5" BB
Rec: 350' GIP; 115' CO; 170' GHOCMW (12% gas, 27% oil, 53% wtr, 8% mud); 510' GOSMW (2% gas, 2% oil, 95% wtr, 1% mud); 570' VSOSGW (2% gas, 98% wtr w/some oil specks). 1365' TF. Cl – 26,000 ppm. Tool Sample – 1% gas, 98% wtr, 1% mud w/some oil spots.
IFP: 29-314 **FFP:** 321-603
ISIP: 1037 **FSIP:** 1038
HYD: 1829-1801 **TEMP:** 115F