

# Computer Inventoried

### DRILLERS LOG

HALL #1, API#15-185-22,738 100' NW of SW SE SW 1-22-14W Stafford County, Kansas by B-7 Inc. spud 11-19-1990 comp. 11-28-1990 D+A

0' to 455' Sand 455' to 535' Sand & Shale 535' to 1210' Sand & Shale 1210' to 1815' Sand & Shale 1815' to 2004' Lime & Shale 2004' to 2185' Lime & Shale 2185' to 2459' Lime & Shale 2459' to 2672' Shale & Lime 2672' to 2925' Shale & Lime 2925' to 3160' Lime & Shale 3160' to 3465' Shale & Lime 3465' to 3590' Lime & Shale 3590' to 3710' Shale & Lime 3710' to 3770' Shale 3770' to 3778' Arbuckle 3778' to 3796' Arbuckle 3796' to 3840' Arbuckle 3840' Rotary Total Depth

## FORMATION TOPS:

FORMATION	SAMPLE	LOG	DATUM
ANHYDRITE	N/A	801'	+1135
HEEBNER	3284'	3284'	-1348
TORONTO	3308'	3305'	-1369
DOUGLAS	3321'	3322'	-1386
BROWN LIME	3409'	3412'	-1476
LANSING	3420'	3422'	-1486
BASE K.C.	3640'	3642'	-1706
VIOLA	3673'	3675'	-1739
SIMPSON	3716'	3719'	-1783
ARBUCKLE	3764'	3769'	-1833
ROTARY TOTAL DEPTH	3842'	xxxxx	-1904
LOG TOTAL DEPTH	****	3842'	-1906

SAMPLE DESCRIPTIONS AND TEST DATA: (All depths have been corrected to log measurements.)

### LANSING-KANSAS CITY:

3422-3430	Limestone, tan, gray and white, very finely crystalline, fossiliferous, slightly oolitic, chalky, with fair intercrystalline and fossiliferous porosity, no shows of oil were noted.
3442-3446	Limestone, gray and white, finely crystalline, slightly fossiliferous, chalky, with fair intercrystalline and fossiliferous porosity, slight show of dead oil, rare staining.
3464-3470	Limestone, white and gray, finely crystalline, fossiliferous, very chalky, no shows of oil were noted.



LANSING-	KANSAS	CITY.	(Cont )
TEMPTING	TOTAL DOT	ULLIA	

3490-3498	Limestone,	gray,	light	gray	and	white	, finely	
	crystalline							

chalky, no shows of oil noted.

3582-3588 Limestone, white and light gray, very finely

crystalline, slightly dense, fossiliferous, oolitic and oolicastic, with fair oolicastic porosity, chalky, very slight spotted stain,

very slight show of free oil, no odor.

3602-3608 Limestone, white and gray, finely crystalline,

slightly dense, fossiliferous, some rare pinpoint porosity, chalky, rare spotted staind and saturation,

very slight show of free oil, no odor.

3631-3636 Limestone, gray and white, finely crystalline,

dense, very chalky, with rare scattered staining, no

shows of oil were noted, no odor.

VIOLA

3675-3686 Limestone, white, cream and gray, dense, cherty,

mostly fresh, with rare fractured staining, no shows

of oil were noted.

3687-3718 Chert, white, cream and bone, mostly fresh fractured,

slightly weathered, with fair fractured staining,

show of free oil, light odor.

ARBUCKLE

3769-3773 Dolomite, gray and tan, very finely crystalline,

slightly oolitic and oolicastic, with fair intercrystalline porosity, very slight show of free oil,

45 min.

light odor. (Covered by D.S.T. No. 1)

# FORMATION TEST NO. 1 3768-3773

Weak blow	45 min.	I.H.P. I.F.P.	201 <i>7{ </i> 30 <i>  -</i> 30 <i>  </i>
Made blan	45 min.	I.S.I.P.	837#
Weak blow	45 min.	F.F.P.	36#-38#

F.S.I.P. Invalid F.H.P. 1983#

RECOVERY: 60' slightly oil cut mud.

TEMPERATURE: 1090

#### ARBUCKLE: (Cont.)

3774-3778

Dolomite, tan and gray, finely crystalline, slightly rhombic, with fair intercrystalline and pinpoint vugular porosity, slightly oolitic and oolicastic, good dark staining and saturation, good show of dark, heavy, free oil, fair odor. (Covered by D.S.T

No. 2)

#### FORMATION TEST NO. 2 3772-3778

		I.H.P.	2010#
Weak blow	45 min.	I.F.P.	
	45 min.	I.S.I.P.	787#
Weak blow	45 min.	F.F.P.	Clocks Stopped
	45 min.	F.S.I.P.	Clocks Stopped
		F.H.P.	1986#

RECOVERY:

100' water cut mud. (20% water, 80% mud)

CHLORIDES:

22,000 P.P.M.

TEMPERATURE:

110°

3779-3788

Dolomite, tan and white, fine to medium crystalline, rhombic, with fair to good intercrystalline and pinpoint vugular porosity, fair to good dark staining and saturation, good show of heavy, dark free oil, fair odor. (Covered by D.S.T. No. 3)

# FORMATION TEST NO. 3 3778-3788

		I.H.P.	2007#
Good blow	45 min.	I.F.P.	80#-160#
	45 min.	I.S.I.P.	1067#
Fair blow	45 min.	F.F.P.	160#-184#
	45 min.	F.S.I.P.	1017#
		F.H.P.	1981#

RECOVERY:

180' muddy water.

180' water.

CHLORIDES:

22,000 P.P.M.

TEMPERATURE:

1150

3793-3798

Dolomite, white and gray, fine to medium crystalline, rhombic, with good intercrystalline porosity, rare spotted staining, no shows of free oil were noted, no odor.

ARBUCKLE: (Cont.)

3803-3812

Dolomite, as above, chalky, with no shows of oil noted.