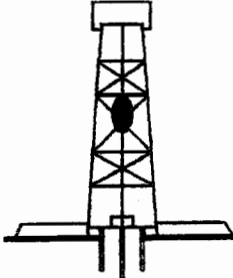


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GEOLOGICAL REPORT

TDI Inc.
Johnson A1
1450' FSL & 410' FEL
SEC. 32 TWP. 14s RGE. 19w
Ellis County, Kansas

15-051-25707-0000

COMMENCED: 12/18/07
COMPLETED: 1/6/08
CONTRACTOR: Anderson Drilling
SURFACE PIPE: 8" at 220'

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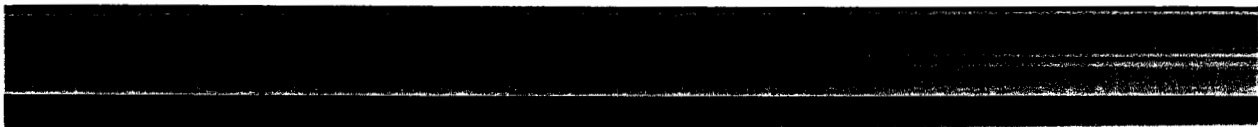
January 19, 2008

RECEIVED
KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION
WICHITA, KS

32-14-196



Formation Data

Elevation: (2079' G.L.) - (2084' K.B.)
All top formations measured from 2084' K.B.

<u>FORMATION</u>	<u>SAMPLE TOPS</u>	<u>SEA-LEVEL DATUM</u>
Anhydrite	1350	+734
Topeka	3088	-1004
Heebner	3355	-1271
Toronto	3373	-1289
Lansing K.C.	3400	-1316
Base-K.C.	3643	-1559
Marmaton	3691	-1607
Reworked Arbuckle	3708	-1624
Arbuckle Dolomite	3722	-1639
R.T.D.	3798	-1714

<u>FORMATION</u>	<u>LOG TOPS</u>	<u>SEA-LEVEL DATUM</u>
Anhydrite	1351	+733
Topeka	3086	-1002
Heebner	3354	-1270
Toronto	3374	-1290
Lansing K.C.	3399	-1315
Base-K.C.	3644	-1560
Marmaton	3692	-1608
Reworked Arbuckle	3707	-1623
Arbuckle Dolomite	3721	-1638
R.T.D.	3798	-1714

All samples were examined and described by me on actual location and did not start until a depth of 3100' was reached. All zones and sample tops examined are all true and accurate according to drillers' depth.

One foot drilling time was logged from a depth of 3050' to 3798', and all zones were examined by ten foot samples at a rotary depth of 3000' to 3420'. Five foot samples were examined from a rotary depth of 3425' to 3795'.

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LANSING – K.C.

(A-Zone)	3400-3405	Limestone – buff to gray, dense, chalky in part, no visible porosity, no show of oil or odor.
(B-Zone)	3407-3413	Limestone – same as above.
(C-Zone)	3426- 3428	Limestone – cream, fine crystalline to dense, slightly vuggy in part with a very small show of oil stain, free oil spots on sample top, slight odor, very scattered oolitic porosity.
(D-Zone)	3442-3445	Limestone – buff to white, dense to chalky lime to very fine crystalline, show of light stain, no free oil or odor.
(E-Zone)	3467-3470	Limestone – cream to buff, fine crystalline, small show of light stain, no free oil, poor inter porosity to slightly oolitic.
(F-Zone)	3472-3480	Limestone – cream to white, with a show of free oil in pin-point, sucrosic and friable, chalky in part.
(DST#1)	3420-3480	(C, D, E, & F-zones)
(G-Zone)	3480-3488	Limestone – white and cream, oolitic porosity, barren, no odor, chalky in pin-point oolitic porosity.
	3496-3498	Limestone – gray, cherty, slightly vuggy with a heavy black tar oil stain, no odor or free oil.
	3506-3508	Limestone – same as above, slight odor when broken.
(H-Zone)	3532- 3542	Limestone – gray and tan, very dense and cherty, very scattered show of black residual stain, cherty in part, scattered oolitic porosity, no odor.

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Sample Description

Following are the pertinent geological formations and all zones of subject well Johnson A1.

THE FOLLOWING ZONES WERE NOTED:

TOPEKA	3096-3110	Limestone – gray and tan, dense, no visible porosity, no show of oil or odor.
	3111-3148	Limestone – gray and buff, dense, no visible porosity, no show of oil or odor.
DEERCREEK	3162-3182	Limestone – same as above.
	3183-3210	Limestone – gray and buff, dense to very fine crystalline, poor to no inter porosity, no show of oil or odor.
LECOMPTON	3223-3232	Limestone – tan, dense to fine crystalline, poor to no visible porosity, no show of oil or odor.
	3239-3275	Limestone – same as above with chalk in part.
OREAD LIME	3285-3308	Limestone – cream to buff, fine crystalline to fossiliferous in part, poor to no inter porosity.
	3212-3220	Limestone – cream to buff, fine crystalline, chalky in part, no show of oil or odor, poor to no inter porosity.
	3327-3352	Limestone – same as above.
TORONTO	3373-3380	Limestone – cream, dense to fine crystalline, poor to no inter porosity, no show of oil or odor, chalky in part.

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(I-Zone)	3556-3560	Limestone – white, dense, cherty and chalky, very slight show of fine crystalline with a slight show of light stain, no free oil or odor.
(J-Zone)	3581-3587	Limestone – white, dense to chalky, poor to no inter porosity, no show of oil or odor.
(K-Zone)	3502-3518	Limestone – white and buff, dense to chalky, no visible porosity, poorly developed, no show of oil or odor.
BASE K.C.		
(L-Zone)	3692-3643	Limestone – same as above.
MARMATON	3692-3700	Chert – orange, yellow, & white, no visible porosity, trace show of black residual stain.
REWORKED ARBUCKLE	3708-3716	Cherty Dolomite – very dense, no inter porosity, show of residual stain, no odor.
ARBUCKLE DOLOMITE	3723-3728	Dolomite – gray to white, fine crystalline, rhombic, poor inter porosity, to sucrosic and friable, saturated stain to a heavy free oil, odor.
	3728-3740	Dolomite – white, fine crystalline to medium crystalline, scattered show of oil stain, very heavy oil to a tar and residual stain, slight odor.
	3741-3765	Dolomite – white, fine to medium crystalline, poor inter porosity, very slight show of tar oil, mostly barren, no odor.
	3766-3798	Dolomite – same as above.

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Remarks and Conclusion

During the drilling of the Johnson A1 the subject well ran 3' low in the Lansing Kansas City to the Patterson E#1 and 13' higher in the Arbuckle Dolomite than the Patterson E#1. Due to the fact that the well ran low to any producing wells in the area, the operator of TDI Inc. decided to plug and abandon subject well Johnson A1 as a dry hole.

Respectfully submitted,

Duane Stecklein, Geologist

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