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GEOLOGICAL REPORT

Habit Petroleum LLC
Pelton #1A
N/2-SE-NW-NE
SEC. 14 TWP. 10s RGE. 19w
Rooks County, Kansas

COMMENCED: 4-15-08
COMPLETED: 4-21-08
CONTRACTOR: American Eagle Drilling
SURFACE PIPE: 8 ½ at 208'
PRODUCTION PIPE: 5 ½ at 3597'

April 30, 2008

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Formation Data

Elevation: (2087' G.L.) – (2093' K.B.)
All top formations measured from 2093' K.B.

<u>FORMATION</u>	<u>SAMPLE TOPS</u>	<u>SEA-LEVEL DATUM</u>
Topeka	3024	-931
Heebner	3235	-1142
Toronto	3257	-1164
Lansing-K.C.	3278	-1185
Base-K.C.	3504	-1411
Conglomerate	3540	-1447
Simpson	3586	-1493
Arbuckle	3593	-1500
R.T.D.	3600	-1507

<u>FORMATION</u>	<u>LOG TOPS</u>	<u>SEA-LEVEL DATUM</u>
Topeka	3020	-927
Heebner	3236	-1143
Toronto	3258	-1165
Lansing-K.C.	3276	-1183
Base-K.C.	3504	-1411
Conglomerate	3542	-1449
Simpson	3587	-1494
Arbuckle	3593	-1500
R.T.D.	3593	-1500

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 3000' to 3600', and all zones were examined by ten foot samples at a rotary depth of 3000' to 3250'. Five foot samples were examined from a rotary depth of 3255' to 3600'.

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Sample Description

Following are the pertinent geological formations and all zones of subject well Pelton #1A.

THE FOLLOWING ZONES WERE NOTED:

TOPEKA	3024-3060	Limestone – buff to gray, fine crystalline, very tight porosity to no inter porosity, no show of oil or odor.
	3062-3075	Limestone – buff to cream, fine crystalline to chalky in part, poor inter porosity, fossiliferous lime, no show of oil or odor.
DEER CREEK	3070-3116	Limestone – buff to tan, fine crystalline, poor inter porosity, no show of oil or odor.
LECOMPTON	3144-3170	Limestone – buff, tan, and gray, fine crystalline to very dense lime, no inter porosity, no show of oil or odor. (poor samples due to loss of circulation)
OREAD LIME	3206-3210	Limestone – cream, tan, and white, fine crystalline to a vuggy porosity, scattered show of light to dark stain, poor to fair inter porosity, fair odor. (poor samples due to loss of circulation)
	3221-3243	No Samples – due to loss of circulation.
TORONTO	3263-3268	Limestone – tan, fine crystalline to dense lime, very tight porosity, poor inter porosity, scattered show of saturated stain, slight odor when broken.
LANSING – K.C. (A-Zone)	3283-3293	Limestone – buff to white, fine crystalline to dense lime, poor inter porosity to a show of vuggy porosity, with a show of oil stain, slight odor.

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(B-Zone)	3295-3300	Limestone – cream to white, fine crystalline, tight porosity, scattered stain, poor inter porosity, slight odor when broken with free oil.
(C-Zone)	3310-3317	Limestone – cream to white, fine crystalline to a vuggy porosity in part, scattered stain, no show of free oil.
(D-Zone)	3333-3340	Limestone – cream to tan, fine crystalline to a vuggy porosity in part, scattered saturated stain, fair to poor inter porosity, odor when broken.
(E&F-Zone)	3356-3360	Limestone – same as above.
(G-Zone)	3364-3371	Limestone – cream to tan, fine to medium crystalline to a vuggy porosity, poor to fair inter porosity, saturated stain, with good odor.
	3375-3390	Limestone – same as above with white chalky lime.
(H-Zone)	3410-3416	Limestone – cream, dense lime with a vuggy porosity, fair inter porosity, scattered stain with a fair odor.
(I-Zone)	3425-3431	Limestone – cream to white, dense lime, poor to no porosity, scattered show of black residual stain.
(J-Zone)	3441-3448	Limestone – cream to white, fine crystalline to a slight vuggy porosity, with a scattered show of oil stain, slight odor, show of oolitic porosity.
(K-Zone)	3465-3475	Limestone – cream, fine crystalline to oolitic porosity, scattered staining, odor when broken, show of sucrosic lime with embedded chalk.

BASE K.C.

(L-Zone)	3500-3504	Limestone – same as above.
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CONGLOMERATE	3540-3560	Chert – white, with a good show of black residual stain, no odor.
	3570-3584	Chert – very colored chert, black residual stain, no odor.
SIMPSON SAND	3585-3592	Sand – clear, good clustered subrounded sand, good stain and saturation, with a show of free oil when broken.
ARBUCKLE	3593-3600	Dolomite – buff, fine crystalline, sucrosic and friable, fair to good porosity, saturated stain to free oil, fair odor.

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Remarks and Conclusion

During the drilling of the Pelton #1A, the subject well ran high in the Lansing K.C., and Arbuckle formations. Due to the fact that the Kansas City zones, Simpson Sand, and Arbuckle showed favorable oil, operator of Habit Petroleum decided to set pipe to further test the Pelton #1A.

Zones of interest in the Pelton #1A:

Oread Lime	3204-3206
Lansing K.C.	
C-Zone	3312-3316
F-Zone	3356-3360
G-Zone	3366-3374
H-Zone	3412-3415
J-Zone	3442-3444
	3448-3450
Simpson Sand	3587-3591
Arbuckle	3593-3600

Respectfully submitted,

Duane Stecklein, Geologist

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