ALBERG PETROLEUM, LLC
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Geologist Report

August 12, 2010

ABARTA Oil & Gas Co., Inc 1000 Gamma Dr Ste 400 Pittsburgh, PA 15238-2926	Hoffman #1 SW SE NW SW 1582' FSL & 856' FWL Section 18-T16S-R11W Barton County, Kansas
Contractor	Royal Drilling, Rig #1
Commenced	July 30, 2010
Completed	August 5, 2010
Elevations	GL 1899; KB 1904
Measurements	All depths measured from Kelly Bushing.
Casing Program	Surface: 8 5/8" set at 869'. Production: 4 ½" set at 3392'
Samples	Samples saved from 2600' to Total Depth.
Drilling Time	One(1) foot drilling time recorded by geolograph from surface to T.D.
Gas Detector	None
Electric Log	Superior Well Services: DIL, CNL/CDL/PE, MICRO, SONIC.
Formation Testing	TrilobiteTesting, Two Tests Ran

FORMATION	ELECTRIC LOG DEPTH	SUBSEA DATUM
Anhydrite	763	+1141
Topeka	2668	-764
Heebner Shale	2954	-1050
Toronto	2972	-1068
Douglas Shale	2986	-1082
Brown Lime	3048	-1144
Lansing	3064	-1160
Base Kansas City	3314	-1410
Arbuckle	3340	-1436
LTD	3400	-1496

All samples corrected to Electric Log Depths.

SAMPLE ANALYSIS, SHOWS OF OIL, ECT.

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Topeka (Oread) 2899 to 2902	Limestone, cream, grey-white, finely crystalline, slightly oolitic, oolimoldic porosity, show of dark oil, faint odor when broken. Should be evaluated prior to abandonment.
Toronto 2973 to 2978	Limestone, cream, tan-white, finely crystalline, trace of pin point porosity, chalky in part, very faint odor, slight show of light oil, dull mineral fluorescence. Of Possible value. Should be evaluated prior to abandonment.
Lansing 'B Zone' 3094 to 3098'	Limestone, cream-white, finely crystalline, oolimoldic porosity, very faint odor, trace show of light oil, trace of pin point porosity, sub chalky. Probable non-commercial.
'D Zone' 3116 to 3119	Limestone, cream, tan-white, fine to medium crystalline, fossil fragments, trace of vugular porosity, faint odor, very slight show of oil. Probably tite or wet.
'F Zone' 3137 to 3141	Limestone, grey-white, tan, finely crystalline, very fossiliferrous, fossiliferrous porosity, friable, questionable odor, no visible shows. Of no value.
'J Zone' 3233 to 3237	Limestone,cream, tan-white, finely crystalline, trace of pin point porosity, slightly fossiliferrous, fossiliferrous porosity, poor overall porosity, very faint odor, no visible shows.
Arbuckle 3339 to 3342	Dolomite, cream-white, tan, succorsic in part, faint odor, very faint show oil under ultra violet light, Covered by DST #1 and DST # 2. OF POSSIBLE COMMERCIAL VALUE.
Log Total Depth	3400(-1496)

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Drill Stem Tests

DST #1 3312 to 3344
Arbuckle – Times 30-45-30-45
Initial flow period, weak 1 ½" blow, no blow back; Second flow period, very weak blow, ¼" blow, no blow back.

IHP	1644#	FHP	1593#
IFP	14-21#	FFP	20-52#
ISIP	777#	FSIP	777#

Recovery: 45 feet VSOCM (5% oil, 95% mud)

DST #2 3311 to 3350'
Arbuckle - Times 30-45-30-45
Initial flow period, strong blow built to 7" in 30 minutes, no blow back; Second flow period, strong blow, built to 5 ½", no blow back.

IHP	1631#	FHP	1595#
IFP	21-64#	FFP	68-109#
ISIP	783#	FSIP	782#

Recovery; 1' Free Oil
129' WCM, 30% water, 70% Mud
60' MCW 70% water, 30% mud, (Chlorides 55,000 ppm)

RECOMMENDATIONS:

With the results of sample shows, structural position, and log calculations it was recommended 4 ½" production casing be set to further evaluate the potential pay zones in this well. The following zones should be perforated and tested;

1.	Arbuckle	3339 to 3340
Prior to abandonment		
1.	'J Zone'	3233 to 3237
2.	Toronto	2924 to 2928
3.	Oread	2898 to 2902

Respectfully,

W. Scott Alberg, P.G. #54

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