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Abarta Oil & Gas Inc.
Herres #1
W/2-SE-NW-NE (990' FNL & 1660' FEL) Section 35-17s-13w
Barton County, Kansas
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Dry and Abandoned

Contractor: Royal Drilling Company (Rig #2)

Commenced: August 7, 2010

Completed: August 13, 2010

Elevation: 1908' K.B.; 1906' G.L.; 1901' G.L.

Casing program: Surface; 8/58" @ 834'
Production; none

Sample: Samples saved and examined 2900' to the Rotary Total Depth.

Drilling time: One (1) foot drilling time recorded and kept 2900 ft to the Rotary Total Depth.

Measurements: All depths measured from the Kelly Bushing.

Drill Stem Tests: There were two (2) Drill Stem Tests ran by Trilobite Testing Co.

Electric Log: By Log Tech; Radiation Guard Log.

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<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	830	+1078
Base Anhydrite	853	+1055
Topeka	2794	-886
Heebner	3079	-1171
Toronto	3096	-1188
Douglas	3108	-1200
Brown Lime	3165	-1257
Lansing	3177	-1269
Base Kansas City	3395	-1487
Weathered Arbuckle	3399	-1491
Solid Arbuckle	3441	-1533
Rotary Total Depth	3475	-1567
Log Total Depth	3474	-1566

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(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.**TOPEKA SECTION**

3000-3020' Limestone; gray, fossil, scattered porosity, sparry calcite cement, plus white and gray chert.

3035-3055' Limestone; gray, oomoldic, poorly developed porosity, no shows.

TORONTO SECTION

3096-3106' Limestone; gray, white, chalky, slightly fossiliferous, chalky, poor visible porosity.

LANSING SECTION

- 3177-3181' Limestone; gray, oolitic, chalky, poorly developed porosity, trace gray and black stain, no show of free oil and no odor in fresh samples.
- 3182-3196' Limestone; as above, oolitic, trace brown and gray stain, show of free oil and no odor in fresh samples.
- 3208-3214' Limestone; gray, tan, fossiliferous/oolitic, dense.
- 3220-3222' Limestone; as above, scattered porosity, brown and saturation, show of free oil and faint odor in fresh samples.
- 3225-3235' Limestone; gray, fossiliferous, poor porosity, spotty gray brown stain, no show of free oil and questionable odor in fresh samples.

Drill Stem Test #1 **3166-3240'**

Times: 30-30-30-30

Blow: Weak

Recovery: 31' very slightly oil cut mud
(2% oil, 98% mud)

Pressures: ISIP 101 psi
 FSIP 63 psi
 IFP 24-26 psi
 FFP 27-27 psi
 HSH 1528-1521 psi

- 3256-3270' Limestone; gray, tan, oolitic, oomoldic, poor light brown edge staining, no show of free oil and no odor in fresh samples.
- 3312-3320' Limestone; tan, fossiliferous, gray and black stain, trace of free oil and faint odor in fresh samples.
- 3327-3338' Limestone; white, oolitic, chalky, poor black and gray stain, no show of free oil and no odor in fresh samples.
- 3340-3360' Limestone; cream, sub oomoldic, chalky, few oolitic, black stain, trace of free oil and no odor in fresh samples.
- 3372-3380' Limestone; tan, fossiliferous, oolitic, brown stain, show of free oil (heavy brown) and no odor in fresh samples.

Drill Stem Test #2 **3293-3382'**

Times: 30-30-30-45

Blow: Weak

Recovery: 5' mud scum of oil

Pressures: ISIP 64 psi
 FSIP 68 psi
 IFP 16-17 psi
 FFP 18-18 psi
 HSH 1600-1600 psi

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WEATHERED ARBUCKLE SECTION

3399-3408'	Dolomite; gray, white, sucrosic, poor visible porosity, no shows.
3408-3416'	Dolomite; as above, plus white and gray chert.
3416-3426'	Dolomite; gray and white, sucrosic, poor visible porosity, plus gray and white chert.
3426-3441'	Dolomite; as above, plus white oolitic chert, trace iron pyrite and varied colored shale.

SOLID ARBUCKLE SECTION

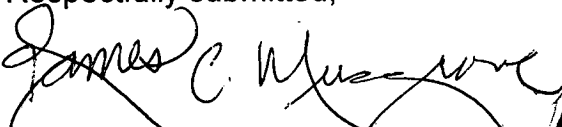
3441-3450'	Dolomite; gray, white, medium crystalline, scattered intercrystalline porosity (barren).
3450-3460'	Dolomite; as above, sandy.
3460-3475'	Dolomite; as above, plus amber/orange opaque chert, no shows.

Rotary Total Depth	3475
Log Total Depth	3474

Recommendations:

The Herres #1 was plugged and abandoned at the Rotary Total Depth 3475.

Respectfully submitted;


James C. Musgrove,
Petroleum Geologist



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