

15-039-20899-00-00

ADVANTAGE RESOURCES, INC.

Cecil 3B-30

**Section 30-T3S-R26W
Decatur County, Kansas**

Pinecliffe Xploration

**William Bryan Bynog
Geologist**

STATE OF KANSAS
DEPARTMENT OF REVENUE
DEC 05 1997
CONSERVATION DIVISION
Topeka, Kansas

SUMMARY AND CONCLUSION

Cecil #3B 30 was drilled a total depth of 3873', testing the Lansing/Kansas City carbonates in Decatur County, Kansas.

The best hydrocarbon show was in the Lansing "C" Zone at 3612-18', one of our major objectives. Drill Stem Test #1 recovered 562' of muddy water, no shows. Some minor shows were also recorded in the Lower Kansas City zones but none worthy of a test.

Logs agreed with sample evaluation suggesting poorly developed or water wet zones.

Considering these results and our structural relationship, low to Farmer #1 Cecil, a decision was made to plug and abandon, based on sample evaluation, Drill Stem Test and Log calculations.

DRILL STEM TEST #1

Zone tested: Lansing A, C and D.
Interval tested: 3,590-3652'
Blow description: I.F. - Open with weak blow, increasing to 4-1/2".
F.F. - Open with weak blow, increasing to 8".

IH	2076	
IF	68-88	30 minutes
ISI	1206	60 minutes
FF	108-226	90 minutes
FSI	1216	120 minutes
FH	1736	

Recovery: 565' muddy water.

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SAMPLE DESCRIPTIONS

3400-3450' LIMESTONE - White, slightly hard, blocky, very fine crystalline, chalky in part, abundantly fossiliferous.

3450-3460' SHALE - Light gray-green, soft-firm, very fine grains, silty in part, slightly calcareous.

3460-3470' LIMESTONE - As above, some chalky.

3470-3510' SHALE - As above, increasingly round, very argillaceous, non - slightly calcareous. Abundant pyrite, nodules (worm burrows).

3510-3520' LIMESTONE - Buff, firm, chalky, fossiliferous, poor porosity.

3520-3535' LIMESTONE - White, soft-firm, very fossiliferous, clean, fair vuggy porosity, no show.

HEEBNER

3535-3540' SHALE - Black, hard, blocky, organic, petro.

3540-3550' LIMESTONE - Buff, hard, blocky, dense.

3550-3560' LIMESTONE - As above, increased shale, black, blocky.

3560-3570' LIMESTONE - White, firm, slightly hard, blocky, very chalky in part, dirty, fossiliferous in part, trace pinpoint vuggy porosity, predominantly poor porosity, no show.

3570-3580' SHALE - Round, very soft, very argillaceous, non-calcareous.

LANSING

3580-3590' LIMESTONE - White, buff, firm, very fossiliferous, clean, fair pinpoint vuggy porosity, some crystalline porosity, no show.

3590-3612' SHALE - Round, very soft, very argillaceous, gummy.

3612-3618' LIMESTONE - Green stain-buff, firm-slightly hard, black, medium-large grains oolitic material, abundant fair oolitic vuggy porosity, good intergranular with live oil, good stain.

3618-3624' SHALE - Round, very soft, gummy, very argillaceous, non-calcareous.

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WINDING

3624-3626' LIMESTONE - Green stain-buff, slightly hard, blocky, s - m grains, poor-fair intergranular porosity, live oil between gas, dull yellow, spotty brown yellow fluorescence, good show stain.

3626-3630' LIMESTONE - White, hard, blocky, fossiliferous, no visible porosity, no show.

Circulation for DST #1, no test, too much loss circulation.

3630-3640' SHALE - Round, green, slightly hard, blocky, non-slightly calcareous
LIMESTONE - Buff, hard, blocky, dense/trace oolite, trace black stain.

3640-3650' LIMESTONE - As above, 50%.
SHALE - Soft, as above, abundant chert, orange, yellow, very hard, sharp, glossy.

3650-3670' LIMESTONE - White, very hard, blocky, dense, very finely crystalline, 60%.
CHERT - As above, 20%.
SHALE - As above, 30%.

3670-3690' LIMESTONE - White, very hard, blocky, dense, slightly fossiliferous in part, no visible porosity/ trace rare oolite.

3690-3720' LIMESTONE - As above, white, hard, blocky, dense, some chalky in part. No visible porosity.

3720-3730' LIMESTONE - White, very hard, blocky, fossiliferous in part, trace pinpoint vuggy porosity/ black live oil, spotty dull yellow fluorescence, fine stain.

3730-3750' SHALE - Round, soft, very variegated, non calcareous, 50%.
LIMESTONE - As above, poor fossiliferous-vuggy porosity, live black oil, poor stain.

3750-3760' LIMESTONE - White, hard, blocky, dense, crystalline, no visible porosity.

3760-3780' SHALE - Round, soft, very argillaceous, non-calcareous, 50%.
LIMESTONE - As above, becoming chalky in part.

3780-3790' LIMESTONE - White, hard, blocky, dense, crystalline, fossiliferous in part, spotty, poor pinpoint, vuggy porosity, live brown oil, spotty brown stain.

3790-3820' LIMESTONE - White, hard, blocky, chalky, fossiliferous in part, trace rare stain.

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MARMATON

3820-3830' LIMESTONE - As above, increased fossiliferous in part, scattered poor, pinpoint, vuggy porosity, spotty brown live stain, spotty stain.

3830-3850' SHALE - Round, soft, argillaceous, non-slightly calcareous.

3850-3870' SHALE - As above, 60%.
LIMESTONE - As above, 80%.

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