



MAP EXPLORATION, INC.

COPY

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GEOLOGICAL REPORT ADAMS 1-34 SW/4 34 – T34N⁵ – R14W BARBER COUNTY, KANSAS

SUMMARY

The above captioned well was drilled to a total depth of 5,154 feet on February 03, 2006. A one-man logging unit was on location from approximately 3500 feet to TD, with one-man-logging beginning at 3500 feet to TD. The well was under the geological supervision of the two undersigned during logging of the well. At TD, Precision electric logs were run that consisted of Dual Induction, Compensated Neutron-Density and Micro-Resistivity log. From the data collected while drilling and analyzing, potential hydrocarbon shows were encountered in the Mississippian Dolomite zones. The decision was made to set production casing and complete the well in the Mississippian zones.

MISSISSIPPIAN DETRITAL

The top of the Mississippian Detrital was cut at 4,864 (-3,248) feet. One drilling break was encountered with a 78-unit gas kick being recorded from the gas chromatograph. Samples were described as tan opaque, to light brown buff chert, with very fine inter-crystalline dolomitic texture. A dull bright yellow fluorescence, good streaming cut and faint odor were recorded. Electrical logs indicate a four-foot zone of 15% cross-plot porosity, that calculate productive.

MISSISSIPPIAN DOLOMITE

The Mississippian Dolomite was topped at 4,868 (-3,252) feet. Two drilling breaks were encountered with a 95-units and a 190-units gas kick being recorded from the gas chromatograph. Samples were described as white off white, light gray to light cream limestone, with micro-crystalline dense brittle with some vugular and intercrystalline porosity observed. Some transparent chert with dull yellow fluorescence was seen. No oil odor was recorded. A good slow streaming cut was also observed. Electric logs and samples indicate two zones of the Mississippian Dolomites with porosity close or greater than 14%, and should be saturated with hydrocarbons. The upper zone was thirty five feet thick (4,868' to 4,903') showed an average porosity of 15% cross-plot. The lower zone was thirty four feet thick (4,906' to 4,940'). Electric logs

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indicate a zone with 13% cross-plot porosity. The zones should produce good quantities of gas after fracture treatments.

ELECTRIC LOG TOPS

	ADAMS 1-34 SW/4 34-T34S-R14W	BENSON 2-33 E2 E2 W2 NE 33-T34S-R14W	BENSON 1-33 SW/4 33-T34S-R14W
CHASE (Subsea)	2120 (-504)	2174 (-489)	2073 (-520)
TOP PENN. (Subsea)	3063 (-1447)	3120 (-1435)	3016 (-1463)
BS. HEEBNER (subsea)	4033 (-2417)	4090 (-2405)	3973 (-2420)
LANSING (subsea)	4213 (-2597)	4270 (-2585)	4159 (-2606)
STARK SH. (subsea)	4645 (-3029)	4685 (-3000)	4583 (-3030)
CHEROKEE SH. (subsea)	4834 (-3218)	4878 (-3193)	4780 (-3227)
MISS DETRITAL. (subsea)	4864 (-3248)	4898 (-3213)	4796 (-3243)
MISS. UNCON. (subsea)	4868 (-3252)	4918 (-3233)	4806 (-3253)

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CONCLUSION


The Adams 1-34 was drilled as an extension development well for the potential of gas pay in the Mississippian Detrital and Mississippian Dolomite. The Detrital was four feet thick. The Mississippian Dolomite consists of two porosity packages. The upper was thirty five feet thick and the lower thirty four feet thick. After all data was analyzed, the decision was made to set casing and attempt completion in the above mentioned zones.

We recommend perforating the Mississippian Detrital from 4,864 to 4,868 feet. The Mississippian Dolomite from 4,868 to 4,944 feet must be also perforated.

Respectfully submitted,



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Petroleum Geologist
2/09/06



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