



MAP EXPLORATION, INC.

MICHAEL ANTHONY POLLOK, PRES.

P.O. Box 106 ■ PURCELL, OKLAHOMA 73080
OFFICE 405/527-6038 ■ HOME 405/527-5200 ■ MOBILE 405/823-4493 ■ FAX 405/527-7629
■ E-MAIL: mapexpl@aol.com

27-34S-13W
NESE NWNW

GEOLOGICAL REPORT STERLING 1-27

SE NW NW SECTION 27 - T34S - R13W
WOODS COUNTY, OKLAHOMA
15-007-23314

COPY

SUMMARY

The above captioned well was drilled to a total depth of 4,990 feet on June 27, 2008. A one-man logging unit was on location from approximately 3,200 feet to TD. The well was under the geological supervision of the undersigned from approximately 3,750 feet to TD. At TD, Weatherford electric logs were run that consisted of Dual Induction, Compensated Neutron-Density and Micro-log. From the data collected while drilling and analyzing, potential hydrocarbon shows were encountered in the Hertha Limestone, upper Mississippian Dolomite and the lower Mississippian Chert. The decision was made to set production casing and complete the well in the Mississippian zones. However, before abandonment, the Hertha Limestone should be perforated.

HERTHA LIMESTONE

The Hertha Limestone was encountered at a depth of 4,556 (-3,007) feet. Samples were described as off white to tan to buff to brown, very fine to fine micro-crystalline, slightly sucrosic, very argillaceous, slightly mottled limestone with good pinpoint porosity. An abundant dull yellow mineral fluorescence, with a trace of dead oil stain was observed. There was a drilling break of 9 feet and the gas chromatograph recorded a 448 unit gas kick, which was 385 units above the background gas. The electric logs indicated a porosity zone of 4 feet with an average cross-plotting of 16%, which calculates productive.

MISSISSIPPIAN DOLOMITE

The Mississippian Dolomite was encountered at a depth of 4,735 (-3186) feet. The samples were described as light grey to medium grey, very fine micro-crystalline, dense, brittle, slightly limey in part, dolomite with a trace of intercrystalline porosity. Some grey chert was observed. There was a dull yellow mineral fluorescence, with a trace of brown to dark brown live oil stain, slight streaming cut and faint odor. There was a drilling break of 40 feet with no significant gas kicks. The electric logs indicated a 37 foot zone with average porosity of 13%.

27-34-13W

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 26 2008

CONSERVATION DIVISION

MISSISSIPPIAN CHERT

The Mississippian Chert was encountered at a depth of 4,849 (-3,300) feet. Samples were described as light brown to brown, milky tripolitic, weathered chert with a trace of pin-point porosity. A dull yellow fluorescence was observed, along with some brown live oil stain, good stream cut and faint odor. A 12 foot drilling break was encountered with a slight gas show. The electric logs indicated an 8 foot porosity zone with an average porosity of 17%.

ELECTRIC LOG TOPS

	JACK STERLING 1-27 SE NW NW 27-T34S-R13W	JACK ROSE 1-22 W/2 NE 22-T34S-R13W	PET TECH BLUNK 1 NE NE NE 22-T34S- R13W
CHASE (Subsea)	1996 (-447)	1995 (-434)	2031 (-441)
TOP PENN (Subsea)	2920 (-1371)	2928 (-1367)	2954 (-1364)
BS. HEEBNER (Subsea)	3894 (-2345)	3880 (-2319)	3878 (-2288)
LANSING (Subsea)	4068 (-2519)	4052 (-2491)	4097 (-2507)
STARK SH. (Subsea)	4525 (-2976)	4502 (-2941)	4538 (-2948)
CHEROKEE SH. (Subsea)	4691 (-3142)	4666 (-3105)	4707 (-3117)
MISSISSIPPIAN (Subsea)	4735 (-3186)	4708 (-3147)	4752 (-3162)

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 26 2008

CONSERVATION DIVISION
WICHITA, KS

CONCLUSION

The Sterling 1-27 was drilled as a southern development well for the potential of hydrocarbon commercial production in the Douglas Sandstone and Mississippian Unconformity. From the data collected the Douglas Sandstone did not show to have potential hydrocarbon pay. The Mississippian, however, had both an upper and lower zone with potential commercial production, along with the Hertha Limestone. The decision was made to complete both of Mississippian zones and to perforate the Hertha before abandonment of the well.

Respectfully submitted,



David Hickman
Wellsite Geologist
06/30/08



Beth Brock
Petroleum Geotech
6/30/08

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 26 2008

CONSERVATION DIVISION
WICHITA KS