

Geology, mapping and reports prepared by:

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15-093-21797

NW SE SW SE

2-223-38W

Osborn Heirs Company

Maune Trust #1

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CONSERVATION DIVISION
WICHITA, KS

15-093-21797

Maune Trust #1

2-223-38W

Geologist Report

OSBORN HEIRS Company

API# 15-093-21797 Int.12/11/06

Maune Trust No.1 Kearny County, Kansas 10miles North, 10miles West, approx.+ 5 miles Northwest of Lakin, Kansas

Section 2, Twsp. 22, Rge. 38 645' FSL & 1810" FEL surface 440' 8 5/8" 12/28/06
GL. 3338' KB 3349'

Cheyenne Drilling Rig 1 Dave Chapman TP, John Rich DD
Crown Consulting, Dave Rice, Drilling Consultant/ Pat Lee, Completion
Mud Logging/hydrocarbon monitoring Bill Kemp, MBC. All KGS sample submittals requirements.

FORMATION Top (ft)

Heebner 3815(-466) Lansing-no call Cherokee 4487(-1138) Morrow 4701(-1352)
St. Louis- no call Spergen- no call

Wellsite Geologist by GeoCertified, LLC Kevin Bailey from 3700'-5400 RTD on 1/04/07 through 01/09/07.

All sample returns were examined under microscope from the drilling depth of 3700 feet to RTD 5400 feet for the visual microscopically presence of hydrocarbons and lithological description. With American Optics Stereo Microscope.

MBC provided continues hydrocarbon monitoring (Mud Logging) during drilling. A separate logging report has been submitted by Bill Kemp.

No visible oil and/or hydrocarbons staining were detected under microscope through the depth to the Morrow formation (3700'-4705'). At approximately 4710-4715' a fractured limestone cutting was examined under microscope to be fairly fractured with brown to black hydrocarbon present within the fracture. The dull white to gray fractured limestone was limited to the only drill cutting with notable hydrocarbons present. Possible because of the relative thin zone of fracture(s) and the depth, lag time and/or sample representation for the five foot sample interval. A notable reading of 70 units of gas detection was also reported by MBC at or near this depth (4725'). The drill cutting sample was saturated in xylene for the noted presence of visible hydrocarbons, from staining residue that occurred.

A drill stem test (DST#1) was ran at the interval of 4710-50' by Trilobite Testing with 100% mud return and no hydrocarbons.

No additional hydrocarbons were visible under microscope during the drilling to the total depth of 5400 feet. No hydrocarbon detection by MBC of notable levels was detected below the 4725' feet of 70 units which were detected in the Morrow formation by MBC. It should be noted that several request for depth corrections was required by

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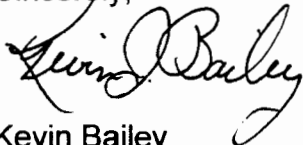
MBC which could explain depth discrepancy. It was also noted that there was seven foot short on the first pipe strap at 4750' and no noted correction by Cheyenne to 4743'.

No additional drill stem test (DSTs) was preformed for this drill hole, Maune Trust No1.

Halliburton electrologging services provided all the down hole electrical logging for this drill hole. No formation tops, water saturation, or porosity values was determined by Halliburton. A copy of the Spectral Density, Dual Space Neutron Log for the +- 4706'-4718' depth for potential Morrow formation production is attached to this report. With notations by GeoCertified, LLC. A complete hand drawn copy of the Geologist Report is also attached to this report.

Production casing of 5 1/4" was completed to the logging total depth (LTD) of 5388 feet. Potential production is anticipated in the Morrow formation at or near +- 4706-4718 feet.

If you have any questions concerning the content of this report please call 913.441.2311
Sincerely,



Kevin Bailey
GeoCertified, LLC

01/31/07

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