



GERALD D. HONAS

PETROLEUM GEOLOGIST

212 N. Market - Suite 270
Wichita, Kansas 67202 - 2021

Bus: (316) 263-2093
Res: (316) 722-7963

September 16, 2011

Geological Report

At the operator's request, only an abbreviated summary of a geological report was prepared on the Klaassen No 11.

Noble Petroleum, Inc.
Klaassen No. 11
4122' FSL & 828' FEL
Section 27-T24S-R4E
Butler County, Kansas
API #15-015-23,913

Contractor: C&G Drilling Company
Spud Date: September 10, 2011
Completed: September 15, 2011
Elevation: 1373 GL and 1379 KB
Surface Casing: 8 5/8" at 209'.
Production Casing: 5 1/2" at 2603' with 125 sacks of cement.

This hole was drilled to a total depth of 2610 feet. At this point a suite of Superior open hole logs were run.

Log Tops:

Iatan	1736	-357	Marmaton	2350	-971
Lansing	1833	-454	Cherokee Shale	2483	-1104
Kansas City	2124	-745	Mississippian	2544	-1165
Base Kansas City	2274	-895	LTD	2611	-1232

Geological supervision on this test was limited to 2522 to 2610, 10 dry samples were saved from 1600 to RTD and were deposited at the Kansas Geological Survey.

2544 to 2550 Chert; amber, cream & smoky gray. Fresh & sharp with no visible porosity, no shows, odor or fluorescence.

2550 to 2558 Chert; white, 80 to 90% of sample clean, weathered with fair to scattered good tripolitic and weathered porosity. Fair show of free oil, good bright fluorescence in 75% of sample, light even saturation, strong odor.

2558 to 2563 Chert; white 50% of sample weathered with poor to fair tripolitic & weathered porosity, fair show of free oil, good fluorescence in 55% of sample. Light even stain & saturation, good odor.

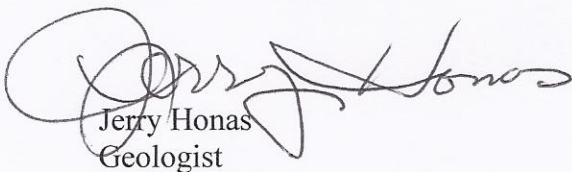
2563 to 2573 Chert; white to cream strong increase in show from above. 90% weathered with fair to good weathered, tripolitic & solution vug porosity. Very good show of free oil. Good bright fluorescence in 90% of sample, strong odor. Note this is the best showing interval in this hole.

2573 to 2582 Chert; very dark gray fresh chert. Moderate amount of cream to light gray fresh chert. Still about 15% of with shows as above, fair odor.

2582 to 2610 Chert; cream, blue and gray. Mostly fresh. Sample shows decreasing rapidly through this interval, from 5% near the top to 3% or less at total depth. Samples still carry weak odor. Note, no lime or shale found in this section. TD in chert.

No cores or drill stem tests were run. Log Tech ran open hole logs on this well. Based on the good samples shows, structural position and positive log calculations, it was recommended that 5 1/2" production casing be set. It is my recommendation that the interval from 2550 to 2556 be perforated and treated. As noted above, the zone from 2563 to 2573 carried very good shows of oil. It is my recommendation that the zone from 2563 to 2568 be perforated and tested before this well is abandoned.

Respectfully submitted,



Jerry Honas
Geologist