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June 7, 1955

16-103-24W
nw 1/4
Property of
Kansas Geological Society,
540 Petroleum Bldg.
Wichita, Kansas

Honaker & Davis
2008 Lakin
Great Bend, Kansas

Re: #1 Schamberger
NW NW NW Sec. 16-103-24W
Graham County, Kansas

Gentlemen:

Submitted herewith is my geological report on the above captioned well.

Drilling progress was observed from 3760' to 4070', total depth.

Samples were caught and saved and a 1' time log was plotted from 3600' to total depth. Samples were examined from 3700' total depth.

Tops and porosity zones were taken from drilling time and samples, then corrected to gamma-neutron log.

WELL DESCRIPTION

Operator:	Honaker & Davis	Commenced Drilling:	5-27-56
Farm:	Schamberger	Completed Drilling:	6-1-56
Well No.:	1 (Wildcat)	Casing:	3 5/8" 231' with 175 sacks
Location:	NW NW NW Sec. 16-103-24W	Contractor:	Honaker & Davis
Elevation:	2478 R.S.		

FORMATION TOPS

Heebner	3783 (-1305)
Toronto	3805 (-1327)
Lansing-Kansas City	3813 (-1341)
Base Kansas City	4055 (-1580)

FORMATION DESCRIPTION

LANSING-KANSAS CITY:
3820-3827

3813 (-1341)
Limestone, tan fine crystalline, slightly oolitic, trace poor-fair porosity, stain and free oil.

CONSULTING GEOLOGIST

BILL IVERSEN

DRILL STEM TEST #1:

3815-3836

Western Testers

Tool Open: 30" - Closed: 30"

Blow: Weak 4"

Recovery: 90' mud with few specks of oil

Pressure: BHP 1370#

3852-3856

Limestone, cherty, fair solution porosity and stain, also much grey fresh sharp chert.

DRILL STEM TEST #2:

3848-3868

Western Testers

Tool Open: 20" - Closed: 30"

Blow: Weak 5"

Recovery: 30' mud

Pressure: BHP 1370#

3890-3895

Limestone, white, oolitic, fair oolitic and solution porosity with light stain and slight odor.

3901-3907

Chert, grey sharp angular, trace of weathered chert with staining.

DRILL STEM TEST #3:

3888-3910

Western Testers

Tool Open: 60" - Closed: 30"

Blow: Good

Recovery: 43' water

Pressures: BHP 1250#

IHP 0#

PPF 200#

3914-3926

Limestone, tan, fine crystalline, pin-point porosity, no staining, also much tan sucrose dolomite with occasional light staining, poor to no porosity.

3956-3960

Limestone, tan sucrose dolomitic, no shows. Also grey fresh sharp chert.

3982-3985

Limestone, dark grey, fine to medium crystalline, poor solution porosity, some fair staining.

DRILL STEM TEST #4:

3973-4001

Tool Open: 20" - Closed: 30"

Blow: Weak 2"

Recovery: 10' mud

Pressure: BHP 0#

4032-4006

Limestone, white-grey fine to medium crystalline, some solution porosity with dark stain and asphalt residue.

4022-4029

Limestone, white to tan oolitic, some good porosity, porosity, staining and free oil.

DRILL STEM TEST 25:

4010-4037

Western Testers

Tool Open: 36" - Closed: 30"

Blow: Good

Recovery: 390' water

Pressures: BHP 780#

IFP 60#

FHP 210#

RECOMMENDATIONS

As a whole, this test had far more porosity zones and shows than any other well drilled by Honaker & Davis in this series of tests. After the gamma-neutron log was run, it was recommended by the writer that the test be plugged and abandoned.

Respectfully submitted,

Bill Iversen
Bill Iversen
by M. L.

CONSULTING GEOLOGIST

BILL IVERSEN