

Computer inventoried

1-16-17W  
15-165-21378

Panhandle Petroleum  
1303 E 15th  
Hays, Kansas 67601

GEOLOGICAL REPORT:

Schoendaller No. 1  
NE-SE-NW, 1-16S-17W  
Rush County, Kansas

CONTRACTOR:

Western Kansas Drilling Rig No. 1  
Hays, Kansas 67601

DRILLING COMMENCED:

May 11, 1987

DRILLING COMPLETED:

May 17, 1987

CASING RECORD:

8 5/8 set at 1051' with 400 sxs.  
60/40 poz., 2% gel., 3% cc.  
No Production Casing.

SAMPLES:

10' intervals from 2900' to  
3522' R.T.D.

DRILLING TIME:

By Geologist.  
1' intervals plotted and recorded  
from 2800' to 3522' R.T.D.

DRILL STEM TESTS:

1 by Arrow Testing Co.  
Great Bend, Kansas

LOGS:

No logs were run on the  
Schoendaller No. 1.

ELEVATION:

American Elevations, Inc.  
Kelly Bushing 1904'  
Ground Level 1899'  
Measurements from K.B.

RECORDED  
STATE RECORDS AND COMMISSION

AUG 4 1987

WICHITA COUNTY

1-16-17W

FORMATION TOPS  
(Sample Tops)

<u>FORMATION</u>	<u>DEPTH</u>	<u>MINUS DATUMS</u>
*Anhydrite	1044	+860
*Base-Anhydrite	1077	+827
Topeka	2937	-1033
Heebner	3163	-1259
Toronto	3180	-1276
Lansing-Kansas City	3216	-1312
Base-Kansas City	3441	-1537
Conglomerate	3478	-1574
Rotary Total Depth	3522	-1618
*Drillers Tops		

Lithology: Zones of Interest

Topeka 2937 (-1033) 2939-44	LS;	Buff, granular to chalky crystalline porosity with a trace of stain. No free oil or odor.
Heebner 3163 (-1259)		
Toronto 3180 (-1276) 3184-88	LS;	White, fine crystalline and dense. Trace of chalky porosity. Cherty. No free oil or odor.
Lansing-Kansas City 3216 (-1312) 3217-22 A Zone	LS;	White, trace of crystalline porosity. No visible show.

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Lithology: Page 3

Base-Kansas City 3441 (-1537)

Conglomerate 3478 (-1574)  
3478-96

Cong; White, fine crystalline lime  
with traces of fine grained  
subrounded sand clusters. Cherty.  
No show of oil.

3496-3522

Cong; As above. Increase in soft  
red shales and vitreous cherts.  
No sand. No visible show of oil.

Rotary Total Depth 3522 (-1618)

DRILL STEM TEST

Drill Stem Test No. 1 3367-3449 Lansing-Kansas City

Time: 30-30-5-0

Blow: Initial - weak - died in 15 min.  
Final - No blow - flushed tool

Recovery:  
25 feet of watery mud

Pressures:

IHMP: 1808# IFP: 68# - 68#  
ISIP: 68# FFP: N.A.  
FSIP: N.A. BHT: N.A.  
FHMP: 1842#

Mud Properties:

Viscosity: 44 Weight: 9.9 Water loss; 12.0

RECEIVED  
STATE DEPARTMENT OF COMMISSION

7/10/87 1987

WILSON, N.E.

1-16-17W

REMARKS AND RECOMMENDATIONS

The table below compares the Panhandle Petroleum Schoendaller No. 1 with the Thunderbird Drilling Stramel No. 1.

	<u>Panhandle Petroleum</u>	<u>Thunderbird Drilling</u>
	Schoendaller No. 1 NE-SE-NW, 1-16S-17W Rush County, Kansas	Stramel No. 1 NE-NE-SW, 1-16S-17W Rush County, Kansas
Lansing-Kansas City	3216 (-1312)	3232 (-1297)
Arbuckle	Not reached	3526 (-1591)

After reviewing the table above, you will note that the Schoendaller was 15 feet lower than the Stramel No. 1 when comparing the Lansing-Kansas City top.

The Lansing-Kansas City I, J, K, and L zones were tested with negative results.

The Arbuckle was not reached, instead the Conglomerate was present with no visible shows.

Since the Schoendaller was low structurally and all shows were tested with negative results it was recommended that it be plugged and completed as a dry hole.

Respectfully Submitted,

David M. Shumaker  
Petroleum Geologist

DMS/das

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

AUG 10 1987

RECEIVED  
STATE GEOLOGICAL SURVEY

AUG 11 1987

STATE GEOLOGICAL SURVEY  
WICHITA BRANCH