

Computer Inventoried

31-12s-19w

ORIGINAL

K C C

MAR 01 1996

KENMARK CORPORATION

SOLOMON #1

API#15-051-24893

100' S of NE-NE-NW
Section 31-12-19
Ellis County, Kansas

Geological Report

By:

Mark Kilian
5508 Apache
Great Bend, KS 67530

September 18, 1995

K C C

KENMARK CORPORATION
P.O. Box 572
Hays, Kansas 67601

MAR 01 1995

RE: Solomon #1
100' S of NE-NE-NW 31-12-19
Ellis County, Kansas

Dear Mr. Norton:

The Solomon #1 well was drilled with rotary tools commencing March 20, 1995 to a rotary depth of 3884' (-1716 Datum), drilling was completed March 25, 1995. No (0) DST's were taken because of structural position and multiple shows of oil in the Kansas City formation, 5 1/2" casing was set one (1) foot off bottom at 3883'.

Operator:	KENMARK Corporation
Contractor:	Duke
Elevation:	2166 K.B. 2158 G.L. 8' K.B.
Geological Supervision:	3000' to R.T.D.
Drilling Time:	3100' to R.T.D.
Samples:	3100' to R.T.D.
Drill Stem Tests:	None
Electric Log:	Tucker Wireline RAG Log
Pipe Record:	8 5/8" @ 213' 5 1/2" @ 3883'

<u>Formation</u>	<u>Depth</u>	<u>Subsea Datum</u>
Anhydrite	1508'	+ 660'
Topeka	3199'	- 1031'
Heebner Shale	3437'	- 1269'
Toronto	3459'	- 1291'
Lansing	3478'	- 1310'
Base Kansas City	3719'	- 1551'
Marmaton	3822'	- 1654'
Arbuckle	3864'	- 1696'
R.T.D.	3884'	- 1716'

RECEIVED 1716'
STATE CORPORATION COMMISSION

Structural Comparison

<u>KENMARK Corporation</u>	<u>Schoenthaler #4</u>
Anhydrite	+ 648'
Topeka	-1034'
Lansing	-1310'
Marmaton	-1629'
Arbuckle	-1686'
T.D.	-1712'

SEP 29 1995

CONSERVATION DIVISION
Wichita, Kansas

KENMARK CORPORATION
Solomon #1

Zones Of Interest

<u>Formation</u>	<u>Depth</u>	<u>Description</u>
Lansing "C" Zone	3526-3528	Limestone; white--fine crystalline, good show free oil, slight odor; calc. 31% porosity; 31% SWS.
Lansing "F" Zone	3562-3566	Limestone; tan, fair to medium crystalline porosity, good show of free oil, fair odor; calc. 14% porosity, 41% SWS.
Lansing "J" Zone	3662-3668	Limestone; brown, slight vuggy porosity, slightly oolitic, good show of oil, slight odor; calc. 17% porosity, 34% SWS.
Marmaton	3822-3840	Chert; assorted colors, orange, yellow, green, show free oil, slight odor, calc. 17% porosity, 54% SWS.
Arbuckle	3864	Dolomite; tan, dense, no show of free oil or odor. Tite.

Summary and Recommendations

It was recommended 5 1/2" casing be set one foot off bottom at 3883' and the following zones be perforated, tested and treated as needed.

Lansing; "C" Zone 3515' to 3519'

Lansing; "F" Zone 3563' to 3567'

Lansing; "J" Zone 3662' to 3666'

Marmaton; 3828' to 3834'

Respectfully submitted,

Mark Kilian

Mark Kilian, Geologist
5508 Apache
Great Bend, KS 67530

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SEP 29 1995

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Wichita, Kansas