

30-11-19W P1
Jul

CIMARRON DRILLERS, INC.

Geologist - Petroleum - Geophysicist

P. O. Box 854

GREAT BEND, KANSAS 67530



LEWIS O. CHUBB
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November 21, 1983

State Geological Survey
WICHITA BRANCH

Wamego Oil Company
P.O. Box 909
Junction City, Kansas 66441

Re: Wamego Oil Co.
Allbert 120-1
NE NW SW Sec. 30-11s-19w
Ellis County, Kansas

Gentlemen:

The following is the geological report for the above captioned well:

CONTRACTOR:	Pioneer Drilling Co., Rig #1
DATE COMMENCED:	November 10, 1983
DATE COMPLETED:	November 18, 1983
ROTARY TOTAL DEPTH:	3765'
SURFACE CASING:	Set 8 5/8 @ 260'
ELEVATIONS:	2108 K.B.; 2105 D.F.; 2103 G.L.
DEPTH MEASURED FROM:	2108 K.B.
DRILLING TIME PLOTTED:	3000' - 3765'
SAMPLES EXAMINED:	3100' - 3765'
DRILL STEM TEST:	Star Hughs: 1-Lansing "F"
COMPLETION:	Plugged and abandoned.

RECEIVED
LEWIS O. CHUBB

Wamego Oil Company, Allbert 120-1

FORMATION DATA

<u>FORMATION</u>	<u>DEPTH (DRILLER)</u>	<u>SUBSEA</u>
Anhydrite	1486	-
Base	1531	-
Topeka	3138	-1030
Heebner	3362	-1254
Toronto	3386	-1278
Lansing	3403	-1295
"F"	3480	-1372
Base Kansas City	3627	-1519
Marmaton	3655	-1547
Conglomerate	3690	-1582
Arbuckle	3761	-1653
Rotary total depth	3765	-1658

STRUCTURAL POSITION IN RELATION TO NEARBY TESTS

<u>FORMATION</u>	<u>WAMEGO Allbert NE NW SW</u>	<u>TAYLOR Lucky Lady Approx. SE SW NW</u>
Anhydrite	662	631
Topeka	-1030	-1019
Heebner	-1254	-1237
Lansing	-1295	-1281
"F"	-1372	-1357
Base Kansas City	-1519	-1505
Arbuckle	-1653	-1593
Rotary total depth	-1658	-1643

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Wamego Oil Co., Allbert 120-1

ZONES OF INTEREST

<u>FORMATION</u>	<u>DEPTH</u>	<u>DESCRIPTION</u>
Topeka	3220 - 3234	Limestone, tan, cream, oolitic with dense matrix. oolitic porosity. No show.
	3325 - 3330	Limestone, light gray, fine grained slightly oolitic, poor intergranular porosity. Partly chalky. No show.
Toronto	3386 - 3390	Limestone, white, dense, slightly oolitic. Trace oolitic porosity. No show.
Lansing	3436 - 3443	Limestone, tan, brown, oolitic, fossiliferous, dense. Trace oolitic porosity. Dead oil stain. Judged no value.
"B"		
"C"		Limestone, white, cream, slightly oolitic, fossiliferous with chalky matrix. Scattered dead stain. Judged no value.
"F"	3481 - 3485	Limestone, white, cream, oolitic - oolitic, good porosity. Slight show free oil, odor, stain. Test.
Drill Stem Test No. 1	3466 - 3495	Open 60 minutes Fair blow Rec. 245' formation water IHP 1738# IFP 62-71# (30) ISIP 890# (30) FFP 117-116# (30) FSIP 784# (30) FHP 1678#

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Wamego Oil Co., Allbert 120-1

ZONES OF INTEREST

<u>FORMATION</u>	<u>DEPTH</u>	<u>DESCRIPTION</u>
"I"	3555 - 3559	Limestone, white, light gray, oolitic, dense, trace oolitic porosity, gilsonitic.
"J"	3577 - 3580	Limestone, white, cream, fine crystalline, chalky and dense, trace oolitic porosity, poorly developed.
"K"		Limestone, tan, gray, fossiliferous, trace fossiliferous porosity, trace stain.
Marmaton	3655 - 3679	Limestone, white, fine crystalline, chalky, stained with red shale and with traces of tan chert.
Conglomerate	3639 - 3744	Shale red with abundant varicolored cherts.
Simpson	3751 - 3761	Sandstone, clear, medium grained, rounded. Good porosity, gilsonitic, shaley.
Arbuckle	3761 - 3765	Tan, light gray, medium crystalline, dense, partly sucrosic, crystalline porosity. No show.

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Wamego Oil Co., Albert 120-1

ZONES OF INTEREST

<u>FORMATION</u>	<u>DEPTH</u>	<u>DESCRIPTION</u>
"I"	3555 - 3559	Limestone, white, light gray, oolitic, dense, trace oolitic porosity, gilsonitic.
"J"	3577 - 3580	Limestone, white, cream, fine crystalline, chalky and dense, trace oolitic porosity, poorly developed.
"K"		Limestone, tan, gray, fossiliferous, trace fossiliferous porosity, trace stain.
Marmaton	3655 - 3679	Limestone, white, fine crystalline, chalky, stained with red shale and with traces of tan chert.
Conglomerate	3639 - 3744	Shale red with abundant varicolored cherts.
Simpson	3751 - 3761	Sandstone, clear, medium grained, rounded. Good porosity, gilsonitic, shaley.
Arbuckle	3761 - 3765	Tan, light gray, medium crystalline, dense, partly sucrosic, crystalline porosity. No show.

Wamego Oil Co., Allbert 120-1


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SUMMARY

The subject well was under geological supervision from 3300 feet. The well ran structurally low to the Lucky Lady #1, an offset to the north. The only significant oil show in the Lansing "F" zone was tested with negative results.

The well was plugged and abandoned due to the negative results of drill stem test no. 1 and the low structural position of the Arbuckle formation.

Respectfully submitted
Cimarron Drillers, Inc.,



L.O. Chubb, Geologist

loc/bjb
encl.
cc: