



CIMARRON DRILLERS, INC.

Geologist - Petroleum - Geophysicist

P. O. Box 854

GREAT BEND, KANSAS 67530

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March 27, 1984

Wamego Oil Co.
P.O. Box 907
Junction City, Kansas 66441

Re: Wamego Oil Co.
Allberts No. 6
N/2 NW NE
Ellis County, Kansas

30 11⁵-19^W *Plu*
KGS

Gentlemen:

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

CONTRACTOR:	Pioneer Drilling Rig #1
DATE COMMENCED:	March 9, 1984
DATE COMPLETED:	March 16, 1984
ROTARY TOTAL DEPTH	3710'
SURFACE CASING:	Set 8 5/8"
ELEVATIONS:	2125' K.B.; 2122' D.F.; 2120' G.L.
DEPTH MEASURED FROM:	2125' K.B.
DRILLING TIME PLOTTED:	3100' - 3710' R.T.D.
SAMPLES EXAMINED:	3100' - 3710' R.T.D.
DRILL STEM TEST:	Swift; Marmaton Chert
COMPLETION:	Plugged and abandoned in the Conglomerate

MAY 24 1984

State Geological Survey
WICHITA BRANCH

RECEIVED
STATE CORPORATION COMMISSION

MAY 23 1984

CONSERVATION DIVISION
Wichita, Kansas

30-11-19w

Wamego Oil Co., Allberts No. 6

FORMATION DATA

<u>FORMATION</u>	<u>DEPTH (DRILLER)</u>	<u>SUBSEA</u>
Anhydrite	1487	638
Base	-	-
Topeka	3139	-1014
Heebner	3356	-1231
Toronto	3376	-1251
Lansing	3394	-1269
Base Kansas City	3618	-1493
Marmaton	3637	-1512
Pay	3656	-1531
Conglomerate	3670	-1545
Rotary total depth	3710	-1585

STRUCTURAL POSITION IN RELATION TO NEARBY TESTS

<u>FORMATION</u>	<u>Wamego Allberts #6</u>	<u>Murfin Hosley</u>	<u>Osage Allberts #1</u>
Anhydrite	638	642	632
Topeka	-1014	-1007	-1007
Heebner	-1231	-1229	-1229
Lansing	-1269	-1269	-1269
Base Kansas City	-1493	-1497	-
Marmaton	-1512	-1507	-
Conglomerate	-1545	-1545	-1545
Arbuckle	-	-1573	-
Rotary total depth	-1585	-1652	-1648

Wamego Oil Co., Allberts No. 6

30-11-19w

ZONES OF INTEREST

<u>FORMATION</u>	<u>DEPTH</u>	<u>DESCRIPTION</u>
Topeka	3166 - 3172	Limestone, gray, tan, fine medium, crystalline, sucrosic, crystalline. No stain.
	3216 - 3232	Limestone, gray, oolitic, oolitic, crystalline, matrix. Good porosity. No show.
	3319 - 3327	Limestone, tan, highly fossiliferous, fossiliferous porosity. No show.
Toronto	3376 - 3382	Limestone, white, light gray, dense to chalky. No visible porosity. No show.
Lansing	3426 - 3429	Limestone, white, oolitic, poorly developed, oolitic porosity, dense matrix. No show, odor, or stain.
	3444 - 3448	Limestone, white, cream, oolitic, poorly developed oolitic porosity, gilsonitic. No show. No odor.
"F"	3474 - 3478	Limestone, white, oolitic, chalky, fair oolitic porosity, gilsonitic. No odor or taste.
"G"	3484 - 3491	Limestone, tan, white, oolitic, slightly oolitic. Poorly developed porosity. Scattered dead oil stain.
"I"	3546 - 3548	Limestone, gray, oolitic, dense, trace oolitic porosity, scattered stain.
"J"	3562 - 3564	Limestone, tan, fossiliferous, dense, pseudo - oolitic, poorly developed porosity. Dead stain.

30-11-19w

Wamego Oil Co., Allberts No. 6

<u>FORMATION</u>	<u>DEPTH</u>	<u>DESCRIPTION</u>
"K"	3580 - 3587	Limestone, tan, white, dense, trace oolitic porosity. Very slight show oil. Scattered stain, poorly developed porosity.
Conglomerate	3657 - 3665	Chert, tan, white, weathered to fresh vitreous. Good show free oil. Poor porosity and permeability appears fractured.
Drill Stem Test No. 1	3346 - 3380	Weak blow died flushed tool. Rec: 10' slightly oil specked mud IHP 1996# FP 25-33# (30) SIP 672# (30) FHP 1990#

Pj

Wamego Oil Co., Allberts No. 6

30-11-1945

SUMMARY

The subject well was under geological supervision from 3300 feet to 3710 feet rotary total depth.

Structurally the well ran flat to adjacent dry holes at the Lansing levels. The Arbuckle was not encountered and the well was plugged at a datum too low to produce.

A good show of free oil was noted in the Marmaton Chert. Poorly developed porosity was noted in weathered chert and possible fractures noted in the fresh vitreous chert. A drill stem test over the zone proved negative and the well was abandoned in the Simpson Shale.

Respectfully submitted
Cimarron Drillers, Inc.,

L.O. Chubb, Geologist

loc/bjb
encl:
cc: