7-16-11W

End

DRILLER'S WELL LOG

DATE COMMENCED: January 27, 1986
DATE COMPELTED: February 2, 1986

Amber Oil Company
WOYDZIAK #1
APPROX. NE SW NW
SEc. 7, T16S, R11W
Barton County, Ks.

ELEVATION: 1852 K.B.

0	- 333'	Surface Soil, Shale, Clay
333	- 507'	Sand, Hard Sand, Shale
507	- 713'	Red Bed
713	- 737'	Anhydrite
737	- 2568'	Lime & Shale
2568	- 2592'	Lime
2592	- 2606'	Shale & Sand
2606	- 2892'	Lime
2892	- 2924'	Shale & Lime
2924	- 2985'	Shale
2985	- 2998'	Lime & Shale
2998	- 3257'	Lime
3257	- 3285'	Shale, Lime, Chert, Sand
3285	- 3350'	Dolomite
	3350'	RTD

FORMATION DATA

Anhydrite	713'
Howard	2568'
Severy	2592'
Topeka	2606'
Heebner	2892'
Toronto	2911'
Douglas	2924'
Br. Lime	2985'
Lansing K.C.	2998'
Base K.C.	3257'
Conglomerate	3261'
Arbuckle	3285'
RTD	3350'

Surface Pipe: Set new 8-5/8", 23# pipe @ 393' w/170 sacks 50/50 pozmix 2% gel 3% cc.

APR 07 1986

Production pipe: Set new 5½", 14# @3349' w/20 bbls. salt flush and 150 sacks 60/40 pozmix, 18% salt.75% CFR2, 5# Gilsonite per sack.

A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

Leonard Williamson of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Leonard Williamson

Subscribed and sworn to before me this 4th day of February 1986.