

ADAIR OIL COMPANY  
P. O. Box 7011  
Wichita, Kansas

Eureka Drilling Company &  
Adair Oil Company  
Babson #4  
SE-SE-NE  
Section 9-25-11E  
Greenwood County, Kansas  
E1. 1090 K.B.

Comm: 4-8-70  
Comp: 4-13-70  
Contractor: Eureka Drilling Company  
10" @ 19'  
7" @ 762 w/150 SX  
SWDW

Geological Report

	DOUGLAS SAND	474	(+616)
474-645:	Sand, white, fine grained, sub round, soft and porous. No show of oil.		
671-94:	Sand as above.		
711-755:	Sand as above.		
	LANSING	755	(+335)
827-74:	Limestone, white, fine crystalline, good inter crystalline and leached porosity. No show of oil.		
	KANSAS CITY	1044	(+46)
1119-39:	Limestone, white, fine crystalline and chalky. Good inter-crystalline and finely Oolitic porosity. No show of oil.		
1175-84:	Limestone, white, fine crystalline. Some good Oolitic porosity. No show of oil.		
	BASE KANSAS CITY	1241	(-151)
	LENAPAH LIMESTONE	1363	(-273)
1363-69:	Limestone, gray, fine crystalline and dense. No show of oil.		
	ALTAMONT LIMESTONE	1387	(-297)
1387-97:	Limestone, gray, fine crystalline. Trace of staining and fluorescence on a few edges. No odor, trace of free oil.		
DST #1: 1368-96:	Open 30 minutes, shut in 30 minutes, open 30 minutes, shut in 30 minutes, Recovered 30 feet of slightly oil specked mud.		
	IFP = 7#		FFP = 30#
	IBHP = 47#		FBHP = 157#
	UPPER CHEROKEE SAND	1570	(-480)
1570-88:	Sand, gray, fine grained, sub round, soft and porous. No odor, 10-15% had fluorescence and saturation. Good show of free oil.		

DST #2: 1533-1662: Open 30 minutes, shut in  
30 minutes, open 60 minutes,  
shut in 45 minutes. Recovered  
570 feet of muddy saltwater.  
IFP = 54#                  FFP = 267#  
IBHP= 597#                FBHP= 597#

Structurally this test ran nine feet higher on the top of the Altamont Limestone than the Pet. Ex. #1 Stewart, one location east. The Stewart well had drill stem tested oil, gas and water from the Altamont area. Although the Babson #4 had a small show of oil in the Altamont it was condemned by drill stem test number one. The Cherokee Sand from which the Babson #1 and #2 wells produce was not present in this test. Seven inch casing was cemented at 762 feet. This well will be perforated in the Douglas Sand for a salt water disposal well.

*Sherrill Compton*  
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Geologist

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Figures indicate bottom of formations:

shale & lime	380
lime	415
shale	474
sand	755
lime	894
shale	1044
lime	1059
shale	1071
shale & lime	1107
lime	1232
sand	1241
shale	1363
lime	1369
shale	1387
lime	1397
sand & shale	1408
sand	1424
shale	1466
lime & shale	1535
shale	1570
sand	1588
shale	1662

Sample tops:

DOUGLAS SAND	474	(+616)
LANSING	755	(+335)
KANSAS CITY	1044	(+46)
BASE KANSAS CITY	1241	(-151)
LENAPAH	1363	(-273)
ALTAMONT	1387	(-297)
PAWNEE	1466	(-376)
FORT SCOTT	1502	(-412)
CHEROKEE	1535	(-445)
UPPER CHEROKEE SAND	1570	(-480)
T. D.	1662	

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