

8/19/88 KCI

RELEASED

DRILLER'S LOG

Date: SEP 1 1988

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 31 T. 31S R. 1W

LOC. SE SW NE

COUNTY: Sumner

WELL NAME: BOTKIN #3

RIG NO. #3

TOTAL DEPTH 3735'

ELEVATION 1239 GL 1248 KB

COMMENCED: 7-30-87

COMPLETED: 8-7-87

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 384' w/225 sx. 60-40 poz., 2% gel, 3% cc.

PRODUCTION: 5 1/2" @ 3735' w/75 sx. Class A., 18% gel.

LOG

(Figures Indicate Bottom of Formations)

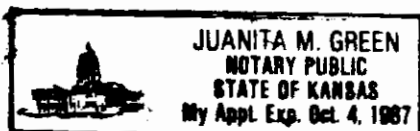
Shale and Sand	395
Shale	1275
Shale and Lime	2060
Lime and Shale	3265
Lime	3610
Lime and Shale	3735
Rotary Total Depth	3735

SEP 30 1988

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

STATE OF KANSAS )  
COUNTY OF SEDGWICK ) SS:

I, Wilson Rains, President of Rains & Williamson Oil Co., Inc.  
upon oath state that the above and foregoing is a true and correct copy of the log of the  
BOTKIN #3 well.



KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH  
AUG 20 1987

Wilson Rains  
WILSON RAINS

Subscribed and sworn to before me this 12th day of August, 1987.

My Appointment Expires:

10-4-87

Juanita M. Green  
Juanita M. Green - Notary Public