

Operator Sohio Petroleum Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil																					
Well No. 12	Lease Name Oswald-Wilcox "A"																						
S <u>8</u> T <u>12</u> R <u>15</u> ^E _W																							
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.																					
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.																							
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM																					
Perforating and treating record Set packer at 3187' acidized Open hole w/250 gallons 15% NE acid. Swab tested. Set BP at 3200' <table style="width: 100%;"> <tr> <td style="text-align: center;"><u>Perforated</u></td> <td style="text-align: center;"><u>Treated</u></td> </tr> </table> 3081-84 w/2 SPF) Treated w/250 gal 28% 3051-54 " " ") 300# diverter, 250 gal 28% acid, double displaced. 3012-16 " " ") 500 gal 28% 250# diver- 2998-3000 " " ") ter, 250 gal 28% acid 2942-47 " " ") 750 gal 28% 400# diver- 2918-28 " " ") ter, 750 gal 28% Total 230 bbls acid & flush No DST run No cores Log: Laterolog: Gamma-Ray Neutron with Caliper enclosed. Driller's Well Log: Copy enclosed	<u>Perforated</u>	<u>Treated</u>			<table style="width: 100%;"> <tr> <td style="width: 60%;">NAME</td> <td style="width: 40%;">DEPTH</td> </tr> <tr> <td>Grand Haven</td> <td>2327</td> </tr> <tr> <td>Wabaunsee (Tarkio)</td> <td>2340</td> </tr> <tr> <td>Elmont</td> <td>2455</td> </tr> <tr> <td>Topeka</td> <td>2645</td> </tr> <tr> <td>Heebner</td> <td>2863</td> </tr> <tr> <td>Toronto</td> <td>2884</td> </tr> <tr> <td>L-KC</td> <td>2918</td> </tr> <tr> <td>Arbuckle</td> <td>3212</td> </tr> </table>	NAME	DEPTH	Grand Haven	2327	Wabaunsee (Tarkio)	2340	Elmont	2455	Topeka	2645	Heebner	2863	Toronto	2884	L-KC	2918	Arbuckle	3212
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USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.																							
Date Received	 Signature District Superintendent Title February 20, 1976 Date																						

419001

State Geological Survey
WICHITA, BRANCH

CONTRACTOR'S WELL LOG

MAR 17 1977

OPERATOR: Sohio Petroleum, Inc.
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: OSWALD-WILCOX "A" #2-#12
 LOCATION: NW SW NE Section 8-12S-15W
 Russell County, Kansas
 SPUD DATE: December 29, 1975
 COMPLETION DATE: January 4, 1976

0	2992	Open hole
2992	3220	Lime
	3220	Rotary Total Depth

Drilled 129' of 12 $\frac{1}{4}$ " hole. Ran 6 jts. of 8 5/8" casing, Set @ 119'. Cemented with 250 sx.
 Common 3% salt 3% ca. cl. Plug was down @ 12:00 p.m. December 29, 1975. Drilled out from
 under the surface at noon.

Ran 77 jts. of 5 $\frac{1}{2}$ " casing, Set @ 3214' K.B. Plug was down @ 11:40 p.m. January 4, 1976.

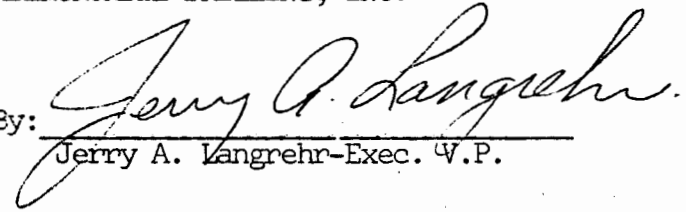
JAN 13 1976

STATE OF KANSAS)
) SS
 COUNTY OF SEDGWICK)

Jerry A. Langrehr-Executive Vice President of Abercrombie Drilling, Inc., does hereby state
 that the above and foregoing is a true and correct copy of the log of the OSWALD-WILCOX "A"
 #2, NW SW NE Section 8-12S-15W, Russell County, Kansas.

ABERCROMBIE DRILLING, INC.

By:


 Jerry A. Langrehr-Exec. V.P.

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state
 as of this 12th day of January, 1976.