

State Geological Survey
WICHITA, BRANCH

MAR 07 1977

KANSAS DRILLERS LOG

API No. 15 — 167 — 20,961
County Number

Operator
Sohio Petroleum Company

Address
P. O. Box 673 Russell, Kansas 67665

Well No. #32 Lease Name Oswald-Wilcox "A"

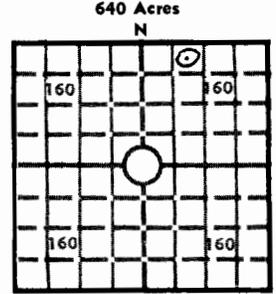
Footage Location
330 feet from (N) line 1650 feet from (E) ~~2000~~ line

Principal Contractor Shields Drilling Company Geologist Francis Whisler

Spud Date 9/18/76 Total Depth 3284' P.B.T.D. 2530'

Date Completed 10/30/76 Oil Purchaser Sohio Petroleum Company

S. 8 T. 12 R. 15 W
Loc. NE NW NE
County Russell



Locate well correctly
Elev.: Gr. 1804'
DF _____ KB 1809'

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4"	8-5/8"	24#	133'	Class A	125	3% CaCl, 2% salt
Production	7-7/8"	5-1/2"	14#	3282'	Howcolite	200	All w/10# Gil, 3/4%
		DV Tool @		882'	Howcolite	150	CFR-2, 18% salt
						250	10# Gilsonite

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
	NONE				
TUBING RECORD			See Well History		
Size	Setting depth	Packer set at			
2-3/8"	2458'	None			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
See well history	See well history

INITIAL PRODUCTION

Date of first production <u>11/2/76</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>				
RATE OF PRODUCTION PER 24 HOURS	Oil <u>31</u> bbls.	Gas <u>0</u> MCF	Water <u>100</u> bbls.	Gas-oil ratio <u>0</u> CFPB	
Disposition of gas (vented, used on lease or sold) -----			Producing interval (s) <u>Tarkio 2455-65'</u>		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Sohio Petroleum Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 32	Lease Name Oswald-Wilcox "A"	Oil
S <u>8</u> T <u>12S</u> R <u>15</u> 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	NAME	DEPTH
No DST run.			Grand Haven	2348'
No cores.			Dover Lime	2383'
Logs: Gamma Ray-Neutron LL Caliper Gamma Ray Collar Log			Langdon Shale	2386'
			Tarkio Lime	2422'
Well History:			Willard Shale	2449'
TD: 3284'; Drilled Cmt to 3280'			Elmont	2475'
Swabbed hole, perf 3260-66 w/2 SPF. Swab tested, acidized w/350 gal 15% MCA. Swab tested. Perf 3248-54' w/2 SPF, Swab tested. Acidized 3248-54' w/250 gal 15% MCA, swab tested. Perf 3240-43' w/2 SPF and acidized w/350 gal 15% MCA, swab tested. Set BP @ 3220' w/1 sk cmt. Perf 3020-26' w/2 SPF, acidized w/500 gal 28% Perf 2982-86' w/2 SPF, acidized w/500 gal 28% acid. Perf 2964-70' w/2 SPF, pmpd 300# TLC-80, acidized w/500 gal 28%. Perf 2940-48' w/2 SPF acidized w/750 gal 28%. Swab tested. Set cement retainer at 3006' and sq perfs at 3020-26'. Swab tested. Set permanent BP at 2960' and swab tested perfs at 2940-48'. All zones tested water w/trace of oil. Set Baker P-1 permanent BP at 2530' w/1 sk cmt on top. Perf 2455-65', 2 golden jets/ft, fraced w/500 gal aromatic acid, 13,075 gal gelled water, 17,500# 10-20 sand. Ran tubing and rods, put on pump.			Topeka	2666'
			Heebner	2884'
			Toronto	2906'
			L-KC	2938'
			Gorham Sand	3240'
			Arbuckle	3272'

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<i>W. H. Ward</i>
	Signature
	District Superintendent
	Title
	November 15, 1976
	Date

825001