

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCH
MAR 17 1977

API No. 15 — 166 — 20,867
County Number

S. 19 T. 12 R. 15W^E
Loc. 940' FVW1 - 990' FSL NE SW SW
County Russell

Operator
Sohio Petroleum Co.

Address
Box 673 Russell, Kansas 67665

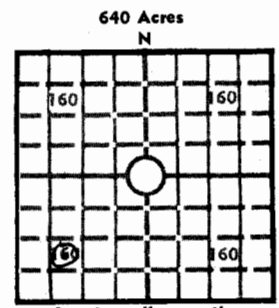
Well No. #**6** Lease Name **Rusch "A"**

Footage Location
990 feet from ~~XX~~ (S) line **910'** feet from ~~XX~~ (W) line

Principal Contractor **H-30 Drilling, Inc.** Geologist **Francis Whisler**

Spud Date **4-3-76** Total Depth **3,324'** P.B.T.D. **Open Hole**

Date Completed **5-3-76** Oil Purchaser **Sohio Petroleum Company**



Locate well correctly
Elev.: Gr. **1,898'**
DF _____ KB **1,903'**

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"	28#	134.57' RDB	Common	125 sx	3%CaCl, 2% salt
Production	7-7/8"	5-1/2"	14#	3,321' RDB	50/50 Poz	100 sx	18% salt, 3/4% CFR-2, 10# Gil.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
	None			None	

TUBING RECORD		
Size	Setting depth	Packer set at
2-3/8"	3,321'	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
None	None

INITIAL PRODUCTION

Date of first production **5-4-76** Producing method (flowing, pumping, gas lift, etc.) **Pumping**

RATE OF PRODUCTION PER 24 HOURS	Oil 16 bbls.	Gas 0 MCF	Water 1 bbls.	Gas-oil ratio 0 CFPB
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Disposition of gas (vented, used on lease or sold) **None** Producing interval (s) **Open Hole: 3321-24' Reagan**

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. **6** Lease Name **Rusch "A"** **Oil**

S 19 T 12SR 15 ^E/_W

WELL LOG

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. SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>DST #1 3313-3322</p> <p>Tool open 30 minutes with very strong blow. Tool shut in 60 minutes. Tool open 30 minutes with very strong blow. Tool shut in 60 minutes.</p> <p>Recovery: 1030' of clean oil, 60' of muddy oil.</p> <p>IFP: 126 to 305 PSI IBHP: 878 PSI FFP: 305-421 PSI FBHP: 814 PSI HSH: 1827 to 1781 PSI</p> <p>No cores.</p> <p>Logs: Gamma Ray Neutron Guard Caliper Gamma Ray Cement Top Log</p>			<p>Grand Haven Lime</p> <p>Tarkio Lime</p> <p>Elmont Lime</p> <p>Topeka</p> <p>Heebner</p> <p>Toronto</p> <p>L/K-C</p> <p>Reagan Sand</p>	<p>2446</p> <p>2519</p> <p>2573</p> <p>2764</p> <p>2979</p> <p>2999</p> <p>3033</p> <p>3318</p>

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

Date Received	<p><i>W. H. Ward</i></p> <p>W. H. Ward Signature</p> <p>District Superintendent Title</p> <p>May 27, 1976 Date</p>
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84926

COMPANY **Sohio Petroleum Company**
FARM **Rusch "A"** NO. **6**

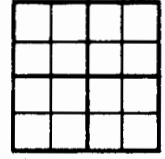
SEC. **19** T. **12S** R. **15W**
LOC. **NE SW SW**

MAR 17 1977

TOTAL DEPTH **3,322'**
COMM. **April 3, 1976**
SHOT OR TREATED
CONTRACTOR **H-30, INC.**
ISSUED **April 15, 1976**

COMP. **April 13, 1976**

COUNTY **Russell**
KANSAS



CASING
20 10
15 8 5/8" 132' cemented w/125 sxs cement ELEVATION 1,903' KB
12 6
13 5 1/4" 3,318' cemented w/100 sxs cement PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Soil and Shale	478'
Clay and Red Bed	910'
Red Bed	964'
Anhydrite	1,003'
Shale and lime streaks	1,365'
Shale and Lime	2,828'
Lime and Shale	2,935'
Shale and Lime	2,998'
Lime	3,113'
Shale and Lime	3,160'
Lime	3,322'
Rotary Total Depth	3,322'

I hereby certify the above and foregoing to be a true and correct log of the above described well as shown by the drilling reports.

H-30, INC.

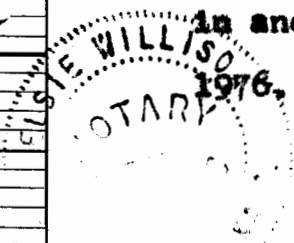
MAR 17 1976

Dean Britting
Dean Britting

State of Kansas }
County of Sedgwick } ss:

Subscribed and Sworn to before me a Notary Public

in and for said county and state this 15th day of April,



Elsie Willis
Elsie Willis