

**State Geological Survey
WICHITA, BRANCH**

KANSAS DRILLERS LOG

API No. 15 — 167 — 20,744
County Number

Operator

Sohio Petroleum Co.

Address

Box 673, Russell, Kansas 67665

Well No.

#10

Lease Name

C.C. Oswald

Footage Location

2310

feet from (N) (S) line

990'

feet from (E) (W) line

Principal Contractor

Dreiling Oil, Inc.

Geologist

Francis Whisler

Spud Date

5-27-75

Total Depth

3,340'

P.B.T.D.

2,660'

Date Completed

6-14-75

Oil Purchaser

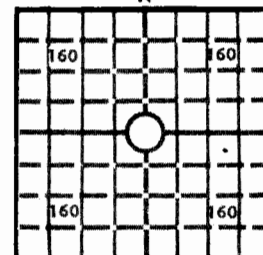
Sohio Petroleum Company

S. 8 T. 12 R. 15W

Loc. 990' FFL & 2310 FSL

County Russell

640 Acres
N



Locate well correctly

Elev.: Gr. 1811'

DF. 1815 KB. 1817

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#	125.59 KB	Common	125	2% Gel, 3% CaCl.
Production	7-7/8"	5-1/2"	14#	3,339'	50-50 POZ	300	18% Salt, 3/4% CFR-2, 10# Gilsomite
		DV Tool run on	5-1/2"	@ 890'	Howcolite	200	10# Gilsomite

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
	NONE	

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	.32 DP Jet	2960-66', 2980-88', 2999-3007'
Size	Setting depth	Packer set at		" " "	2467-75'
2-7/8"	2443'	NONE	2		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Treated with 1500 gal 28% acid tested all water, isolated with Baker P-1 permanent BP at 2,660'.	2960-66', 2980-88', 2999-3007'.
Treated with 350 gal 15% acid followed by 17,500 gal.	2467-75'.
Gelled water frac using 15 sx 20/40 and 140 sx 10-20 sand.	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
6-18-75		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	84	0	108	0	
	bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
-----			2467-75		

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.: Oil
Well No. 10	Lease Name C. C. Oswald	
S 8 T 12 R 15 W		

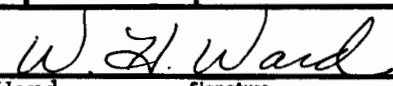
WELL LOG

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
DST #1	2452	2490	Tarkio	2437'
Open 30 minutes with fair blow.			Topeka	2680'
Shut in 60 minutes. Open 60 minutes			Heebner	2902'
with fair blow increasing good. Shut			Toronto	2927'
in 60 minutes.			L-KC	2956'
			Arbuckle	3325'
Recovery: 300' of gas, 120' slight				
oil and gas cut mud, 180' of oil and				
gas cut mud.				
IBHP: 454 PSI				
FBHP: 392 PSI				
IFP: 44 to 80 PSI				
FFP: 89 - 124 PSI				
Ran Gamma Ray-Neutron w/Micro-Seismic				

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

Date Received	<div style="text-align: center;">  W. H. Ward Signature District Superintendent Title August 22, 1975 Date </div>
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9/13/75

15-167-20744
8-12-15W

Company Sohio Petroleum Co.
Box 673
Russell, Kansas 67665

WELL LOG

Farm C.C. Oswald No. 10

Sec. 8 Twp. 12 Rng. 15 W

Total Depth 3,340'

Location 990' FEL & 2310' FSL

Comm. 5-27-75

Comp. 6-3-74³

County Russell

Elevation: 1816 K. B.

Contractor **Dreiling Oil, Inc.**
Rt. #2
Victoria, KS 67671

1813 D. F.

1811 G. R.

Casing Record

124' - 8 5/8"
3,339' - 5 1/2"

Cement Record

125 sacks cement
cemented w/300 sks. of 50/50
Poz Mix & 18% salt & 10# Gilsonite
& 3/4# CFR2. Two staged top w/200
sks. HLC & 10# Gilsonite per sk.
Figures Indicate Bottom of Formations

Production:

0'
35'
70'
315'
425'
866'
904'
1758'
2118'
2245'
2910'
3340'

35'
70'
315'
425'
866'
904'
1758'
2118'
2245'
2910'
3340'
T.D.

Post Rock
Shale
Shale
Sand
Shale
Anhydrite
Shale
Shale & Lime
Lime-Shale
Shale & Lime
Lime

STATE OF KANSAS)
)ss
COUNTY OF ELLIS)

I, Joseph A. Hess, Secretary Treasurer, of Dreiling Oil, Inc. upon oath states that the above and foregoing is a true and correct copy from the Daily Drilling Report from the C.C. Oswald #10.

Joseph A. Hess
JOSEPH A. HESS

Subscribed and sworn to before me this 5th day of June, 1975.

Cecilia Basgall
Cecilia Basgall Notary Public

My commission expires: September 13, 1976.