

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

MAR 17 1977

API No. 15 — 167 — 20,915
County Number

S. 8 T. 12 R. 15 E
W

Loc. C SW NE SE

Operator

Sohio Petroleum Company

Address

Box 673 Russell, Kan as 67665

Well No.

#12

Lease Name

C. C. Oswald

Footage Location

1650 feet from (N) (S) line 990 feet from (E) (W) line

Principal Contractor

Red Tiger Drilling Company

Geologist

Francis Whisler

Spud Date

6/21/76

Total Depth

3306'

P.B.T.D.

BP 2555'

Date Completed

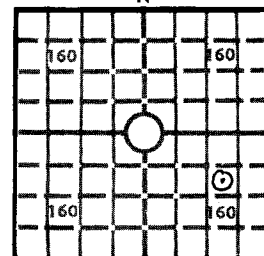
7/17/76

Oil Purchaser

Sohio Petroleum Company

County Russell

640 Acres



Locate well correctly

Elev.: Gr. 1812'

DF 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"	24#	127.56'	RDB Class A	125	2% Salt, 3% CaCl
Production	7 7/8"	5 1/2"	14#	3304'	Howcolite 50-50 Poz	200 150	All w/18% Salt, 10# Gil, 3/4% CFR-2
		DV Tool @		892'	Howcolite	250	10# Gil

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
	NONE	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	2427'	None

SEE BACK


ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
SEE BACK	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
7/20/76		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	40	0	56	----	
	bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
-----			3rd Tarkio 2476-84'		

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		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No.	Lease Name	Oil well	
12	C. C. Oswald		
S 8 T 12S R 15 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.		E. Log	
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
DST #1: 2459-2505' Misrun			Grand Haven
DST #2: 2456-2506'			Tarkio
Open 30 min. Shut in 60 min. Open 60 min.			Elmont
Shut in 90 min. Good to strong blow throughout test.			Topeka
Recovered: 250' of very gassy, HOCM, with show of free oil			Heebner
IFP: 41 to 88 psi			Toronto
IBHP: 198 psi			L-KC
FFP: 94 to 115 psi			Arbuckle
FBHP: 188 psi			
Temp: 85 degrees			
DST #3: 2965-3010'			
Open 30 min. Shut in 60 min. Open 60 min.			
Shut in 90 min. Weak to fair blow throughout			
Recovery: 65' of gassy, slight oil cut mud			
IFP: 41 to 52 psi			
IBHP: 104 psi			
FFP: 52 to 62 psi			
FBHP: 104 psi			
Temp: 92 degrees			
Well History: TD 3306'			
Cleaned out, perforate Arbuckle 3270-74' w/2 SPF.			
Acidized w/250 gal 15% HCl acid. Swab tested. Set			
CIBP @ 3250' w/1 sk cmt. Perforated and treated			
following L-KC zones w/28% HCl acid.			
L-KC "A" 2967-70' w/2 SPF and 500 gal			
L-KC "B" 2985-88' w/2 SPF and 500 gal			
L-KC "F" 3044-47' w/2 SPF and 500 gal			
L-KC "K" 3172-75' w/2 SPF and 500 gal			
Swab tested, set permanent BP @ 2555' w/1 sk cmt.			
Perforated 3rd Tarkio 2476-84' w/2 SPF and fraced			
w/350 gal 15% HCl acid, 3000 gal pad, 17,250# 10-20			
sand. Put well on pump.			
No Cores			
Logs: Gamma Neutron Guard Caliper			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature District Engineer Title 9/9/76 Date		

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