

WELL COMPLETION REPORT AND DRILLER'S LOG

S. 9 T. 11 R. 15 W

Loc. NW SE NW

API No. 15 — 167 — 21,369
County Number

County Russell

Operator
Sohio Petroleum Company

Address
Box 673 Russell, Kansas 67665

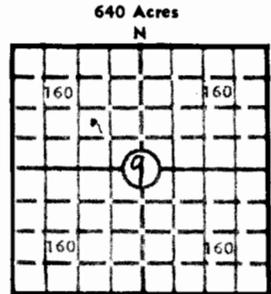
Well No. #6 Lease Name Cook

Footage Location
1650 feet from (N) (#) line 1650' feet from (W) line

Principal Contractor Emphasis Oil Operations Geologist Francis C. Whisler

Spud Date 11-19-79 Date Completed 12-19-79 Total Depth 3460' P.B.T.D. 3400'

Directional Deviation Oil and/or Gas Purchaser Sohio Petroleum Co.



Elev.: Gr. 1959

DF KB 1965'

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#	206' RB	60-40POZ Class A	100 50	2% Gel 3% Cacl. 3% Cacl.
Production	7-7/8	5-1/2	14#	3458' RB	Howcolite 50-50POZ	50 150	18% Salt, 3/4% CFR-2 10# Gel/Sx Same w/2% Gel
				Cemented thru DV Tool @ 1050'	Howcolite	250	10# Gel/Sx

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
	None				
TUBING RECORD				See Back	
Size	Setting depth	Packer set at			
2-3/8"	3,397'	None			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
See Back	See Back

INITIAL PRODUCTION

Date of first production 12-20-79	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 11 bbls. Gas 0 MCF Water 76 bbls. Gas-oil ratio 0 CFPB
Disposition of gas (vented, used on lease or sold) None	Producing interval(s) L-KC & Topeka

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, 245 No. Water, Wichita, Kansas 67202. 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: Sonio Petroleum Company
 DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil

Well No. 6
 Lease Name Cook

S 9 T 11 S R 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
Log: Gamma Guard - Sidewall Neutron w/caliper.			Guard Haven	2497'
DST #1 3411' to 3428'			Tarkio	2569'
Rec: 10' of mud w/few oil specks			Elmont	2628'
IFP: 32 to 32 PSI			Topeka	2814'
IBHP: 346 PSI			Toronto	3054'
FFP: 53 to 32 PSI			LKC	3082'
FBHP: 304 PSI			Arbuckle	3450'
Perforated 3417-23 w/2 shots/FT. Acidized with 500 Gal 7½ PTC MCA. Fraced w/7800 Gal. oil & 7000# 20-40 sd. Swab tested, water w/trace oil.				
Set 5½" BP at 3400'. Perforated and treated as follows:				
Kansas City J - 3273-79 w/1000 Gal 28%				
Kansas City I - 3248-53 w/1000 Gal 28%				
Kansas City G - 3185-90 w/750 Gal 28%				
Kansas City F - 3173-78 w/750 Gal 28%				
Kansas City E - 3160-63 w/500 Gal 28%				
Kansas City C - 3128-31 w/750 Gal 28%				
Kansas City B - 3112-16 w/750 Gal 28%				
Topeka 2815-20 w/1000 Gal 28%				

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

Date Received	<i>W. H. Ward</i>
	Signature
	District Superintendent
	Title
	3-24-80
	Date

82808