

State Geological Survey

KANSAS DRILLERS LOG

API No. 15 — 163 — 20,535
County Number

Operator
Cities Service Oil Co.

Address
209 E. William, 600 Sutton Bldg. Wichita, Ka sas 67202

Well No. #5 Lease Name Mosher

Footage Location
990 feet from (N) (S) line 330 feet from (E) (W) line

Principal Contractor Red Tiger Drilling Company Geologist J. Honas

Spud Date 7-3-74 Total Depth 3465' P.B.T.D.

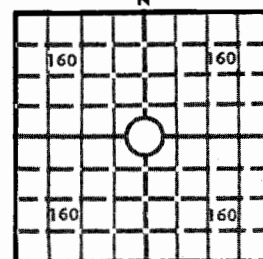
Date Completed 7-14-74 Oil Purchaser

S. 21 T. 8 R. 18W E W

Loc. NE SE SE

County Rooks

640 Acres
N



Locate well correctly

Elev.: Gr. 1947'

DF 1949' KB 1952'

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"	32#	217' RKB	Class "A"	175	3% CACL ₂

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production Dry Hole	Producing method (flowing, pumping, gas lift, etc.)
RATE OF PRODUCTION PER 24 HOURS	Oil bbls. Gas MCF Water bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval(s)

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 Cities Service Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 5	Lease Name Mosher "A"	Dry Hole
S. 21 T. 8 R. 18 E. W		

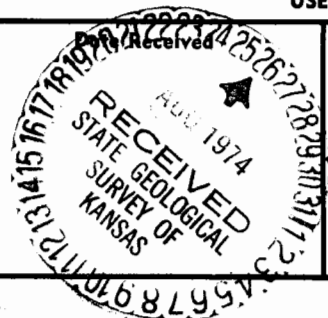
WELL LOG

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
(ATTACHED)				

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



E. W. Peterman
 Signature E. W. Peterman
 Region Operations Manager
 Title
 July 18, 1974
 Date

07282

No. 5 Mosher "A"

21-8-18W

RECORD:

COMPANY: Cities Service Oil Co.

DESCRIPTION:

8-5/8" @ 208'
w/175 sx. cmt.

CONTRACTOR: Red Tiger Drilling Co.

NE SE SE
21-8S-18W
Rooks County,
Kansas

TOTAL DEPTH: 3465'

COMPLETED: July 13, 1974

ELEVATION:

15-163-20.535

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface Hole	0	220	
Shale	220	465	
Sand	465	610	
Shale & Sand	610	1130	
Shale	1130	1339	
Anhydrite	1339	1377	
Redbed & Shells	1377	1540	
Shale	1540	1800	
Shale & Lime	1800	1995	
Lime & Shale	1995	2540	
Lime	2540	3465	



I certify that this is a true and correct copy of the above log to the best of my knowledge.

RED TIGER DRILLING COMPANY

Linda H. Dickens
Linda H. Dickens

Subscribed and sworn to before me this 17th day of July, 1974.

D. Ann Dorman
Notary Public

My Commission Expires:

December 23, 1977