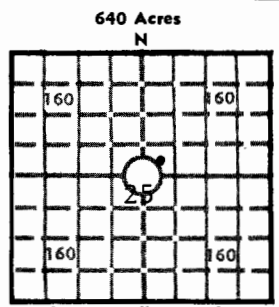


S. 25 T. 13 R. 20 <sup>K</sup><sub>W</sub>

Loc. SW SW NE

County Ellis



Elev.: Gr. 2176'

DF 2179' KB 2181'

API No. 15 — 051 — 21,121 **GENERAL**  
 County Number

Operator  
Lario Oil & Gas Company

Address  
301 South Market Wichita, Kansas 67202

Well No. #9 Lease Name Younger

Footage Location  
2310 feet from (N) ~~XX~~ line 2310 feet from (E) (~~W~~) line

Principal Contractor Red Tiger Drilling Geologist Lawrence F. Gray

Spud Date 11-14-75 Total Depth 3865' P.B.T.D.

Date Completed 12-23-75 Oil Purchaser

**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	20	316	2% Gel 50-50 Poz.	225	CaCl <sub>2</sub>
Oil	7 7/8	5 1/2	14 & 15	3864	same	150	18% <sup>2</sup> - salt 3/4% - CFR <sub>2</sub>

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4 slots/ft	Abrasijet	3820-22
<b>TUBING RECORD</b>			4 slots/ft	Abrasijet	3825
Size	Setting depth	Packer set at	4 holes/ft	Jet	3815-20

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
Acidized with 500 gal BDA. Squeezed with 95 sacks cement.	3820-22
Acidized with 250 gal BDA. Squeezed with 45 sacks cement.	3825
Acidized with 250 gal. 7½% mud acid.	3815-20

**INITIAL PRODUCTION**

Date of first production 1-17-76 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil <u>4</u> bbls.	Gas <u>Neg.</u> MCF	Water <u>30</u> bbls.	Gas-oil ratio <u>Neg</u> CFPB
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Disposition of gas (vented, used on lease or sold) Neg. Producing interval (s) 3815-20

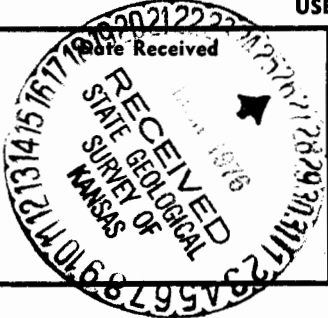
INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, 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 Lario Oil & Gas Company  
 Well No. #9 Lease Name Younger  
 DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil

S 25 T 13 R 20  $\frac{E}{W}$   
**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
Rock & Shale	0	240	Anhydrite	1474'
Shale	240	316	Heebner	2429'
Shale & Redbed	316	950	Lansing	3476'
Sand	950	1170	Base Kansas Cty	3728'
Shale & Clay	1170	1475	Arbuckle	3808'
Anhydrite	1475	1520		
Shale	1520	2168		
Shale & Lime	2168	2355		
Shale	2355	2430		
Shale & Lime	2430	2550		
Lime	2550	2604		
Shale & Lime	2604	2810		
Lime	2810	2940		
Lime & Shale	2940	3070		
Lime	3070	3231		
Lime & Shale	3231	3315		
Lime	3315	3865		

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



*M. E. Kraft*  
 M. E. Kraft  
 Signature  
 Division Production Superintendent  
 Title  
 February 13, 1976  
 Date

25-13-20W

State Geological Survey  
WICHITA, BRANCH

Drillers Log

No.9 Younger

CASING RECORD:

8 5/8" @316'  
w/225 sx cmt

COMPANY: Lario Oil & Gas Company

CONTRACTOR: Red Tiger Drilling Company

COMMENCED: November 13, 1975

COMPLETED: November 24, 1975

DESCRIPTION:

SW SW NE  
Sec.25-13S-20W  
Ellis County, Kansas

ELEVATION: 2176 GL  
2181 KB

TOTAL DEPTH: 3865'

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Rock & Shale	0	240	
Shale	240	316	
S. e & Redbed	316	950	
Sand	950	980	
Sand	980	1170	
Shale & Clay	1170	1475	
Anhydrite	1475	1495	
Anhydrite	1495	1520	
Shale	1520	1793	
Shale	1793	2168	
le & Lime	2168	2355	
Shale	2355	2430	
Shale & Lime	2430	2550	
Lime	2550	2604	
Shale & Lime	2604	2810	
Lime	2810	2940	
Lime & Shale	2940	3070	
Lime	3070	3133	
L	3133	3231	
Lime & Shale	3231	3315	
Lime	3315	3405	
Lime	3405	3465	
Lime	3465	3535	
L	3535	3583	
Lime	3583	3636	
Lime	3636	3695	
Lime	3695	3760	
Lime	3760	3815	
Lime	3815	3818	
Lime	3818	3825	
Lime	3825	3865	
RTD		3865	

FEB 17 1976  
STATE GEOLOGICAL SURVEY  
WICHITA, KANSAS

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

RED TIGER DRILLING COMPANY