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IND

State Geological Survey  
WICHITA BRANCH

KANSAS DRILLERS LOG

S. 8 T. 33S R. 19 W  
Loc. NW SE NW  
County Comanche Co., Ks.

API No. 15 — 033 — 20,439  
County Number

Operator  
Lear Petroleum Exploration, Inc.

Address  
6401 N.W. Grand Blvd. Suite 200, Okla. City, Okla. 73116

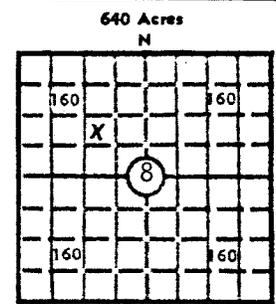
Well No. 3-8 Lease Name SELZER

Footage Location  
1678 feet from (N) line 1665 feet from (E) (W) line

Principal Contractor Aldebaran Drilling Geologist Louis S. Bird

Spud Date 7-9-81 Total Depth 5313' P.B.T.D. 5230'

Date Completed 8-17-81 Oil Purchaser Koch



Locate well correctly  
Elev.: Gr. 1900'  
DF 1907' KB 1909'

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#	897'	Lite Class H	300 150	3%CC/Celoflake " "
Production	7-7/8"	4 1/2"	10.5#	5313'	Class H 50/50 Poz	50 150	CFR/Gil " "

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	.39" Jet	5202-5161'

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	5173'	N/A

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized w/1500 gals 15% HNE acid.	5202-5161'
Fraced w/30,000 gals 3% gelled acid, 25,000# 20/40 sand and 10,000# 20/20 sand.	5202-5161'

INITIAL PRODUCTION

Date of first production 8/21/81	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 25 bbls. Gas 60 MCF Water 15 bbls. Gas-oil ratio 2400 CFPB
Disposition of gas (vented, used on lease or sold) Sold - Michigan Wisconsin	Producing interval (s) Mississippi

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  
Lear Petroleum Exploration, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.: Oil

Well No.  
3-8

Lease Name  
SELZER

S 8 T 33S R 19 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
Heebner	4216'		DIL/SFL	5307-4000'
Lansing	4394'		CNL/FDC	5312-4100'
Stark	4810'			
Ft. Scott	5044'			
Cherokee	5058'			
Mississippi	5158'			

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

Date Received

*R. Stanley DeLong*  
Signature

Division Engineer

Title

August 21, 1981

Date