

WICHITA BRANCH

KANSAS DRILLERS LOG

S. 35 T. 34 R. 19 E

Loc. NW SE

County Labette

API No. 15 — 099 — 20,764
County Number

Operator
Lightning Oil Company

Address
P. O. Box 6598 San Antonio, Texas 78209

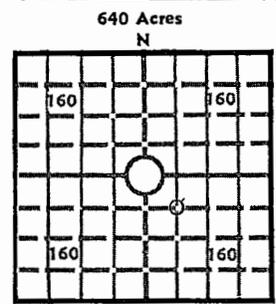
Well No. #3 Lease Name E. Alloway

Footage Location
1980 feet from (N) (S) line 1980 feet from (E) (W) line

Principal Contractor Nance Drilling Co. Geologist John W. Stewart

Spud Date May 9, 1978 Total Depth 721 P.B.T.D.

Date Completed May 11, 1978 Oil Purchaser



Locate well correctly
Elev.: Gr. 930

DF KB

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 csg.	9-5/8	7	17	165	Common	34	—
Production Tbg.	6 1/2	2-3/8	4.7	695	Common	5	—

LINER RECORD

PERFORATION RECORD

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

Size	Setting depth	Packer set at
2-3/8	695	695

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
450 gal 20% HCl & 50 gal. glacial Acetic	695-721

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
RATE OF PRODUCTION PER 24 HOURS	Oil bbls. Gas MCF Water bbls. Gas-oil ratio CFPB
Unable to gauge due to water	
Disposition of gas (vented, used on lease or sold)	Producing interval (s)
Turned over to landowner for domestic use	

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
Lightning Oil Company

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

Well No. 3 Lease Name E. Alloway

Non-commercial gas

S 35 T 34 R 19 E
SW

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
Overburden red clay	0	9		
Red clay	9	18		
Grey Shale	18	61		
Lime	61	68		
Grey shale	68	80		
Oswego Lime	80	121		
Black shale	121	124		
Oswego Lime	124	148		
Black Shale	148	149		
Sandy lime	149	153		
Grey Sandy Shale	153	196		
Dk Grey Shale	196	199		
Grey Sandy Shale	199	239		
Black Shale	239	241		
Grey Shale	241	243		
Grey Sandy Shale	243	273		
Dk grey Shale - streaks lime	273	280		
Brown Lime	280	286		
Grey Shale	286	306		
Black Shale	306	316		
Grey Shale steaks Lime	316	327		
Dk Grey Shale streaks Lime	327	329		
Grey Shale streaks Lime	329	369		
Sandy Shale Grey	369	372		
Grey Shale streaks Lime	372	400		
Grey Shale	400	439		
Sandy Grey Shale	439	458		
Dk. Grey Shale	458	492		
Grey Shale	429	527		
Sandy Grey Shale	527	541		
Grey Shale	541	696		
Miss Chat	696	721		
TD	721			

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

<p>Date Received</p>	<p style="text-align: center;">2</p> <p style="text-align: center;"><i>John W. Lewis</i> Signature</p> <p style="text-align: center;">Geologist</p> <p style="text-align: center;">June 19, 1978</p>
	<p>Title</p> <p>Date</p>