PL

State Geological Survey
WICHITA BRANCH

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

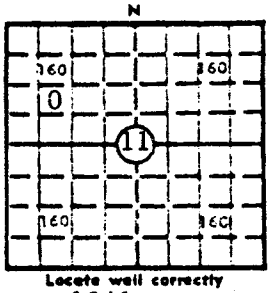
API No. 15 — 169 (County) — 20,125 (Number)

S. 11 T. 16 R. 4 W

Loc. C NE SW NW

County Saline

640 Acres



Locate well correctly

Elev.: Gr. 1341

DF _____ KB _____

Operator	Grant Oil, Incorporated
Address	9004 W. Warren Drive
Well No.	1-11
Lease Name	Lagerstrom
Footage Location	feet from (N) (S) line; feet from (E) (W) line
Principal Contractor	Apex, Incorporated
Geologist	David P. Williams
Spud Date	3-17-81
Date Completed	D&A 3-28-81
Total Depth	3512
P.B.T.D.	
Directional Deviation	
Oil and/or Gas 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"	28#	425	Com.	522	3% Ca C/2 3% Gel

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
—	—

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	MCF	bbls.	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, 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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Grant Oil, Incorporated	514325

Well No.	Lease Name	
1-11	Lagerstrom 1-11	D & A 3-17-81

S 11 T 16 R 4 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
Lansing	2310			
Mississippian	2958			
Kinderhook Shale	3248			
Maquoketa	3462			
Drilling time & Sample Log			2300 to TD	
IEL			1650 to 3505	
Compensated Density			1500 to 3511	

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

Date Received

William P. Grant
Signature

PRESIDENT
Title

July 9, 1981
Date