

State Geological Survey

WICHITA BRANCH KANSAS DRILLERS LOG

15-135-21433

API No. 15 — 135 — 21,433
County Number

Operator

Palomino Petroleum

Address

500 Insurance Bldg. Wichita, Kansas 67202

Well No.

#1

Lease Name

Margheim "E"

Footage Location

990 feet from (N) line 840 feet from (E) (W) line SE/4

Principal Contractor

Strata Drilling Company

Geologist

James Thompson

Spud Date

February 27, 1978

Total Depth

4372'

P.B.T.D.

Date Completed

March 7, 1978 (rotary)

Oil Purchaser

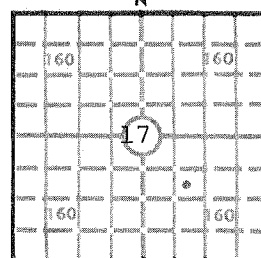
Getty Oil Company

S. 17 T. 19 R. 21 W

Loc. 150' W/SE NW SE

County Ness

640 Acres



Locate well correctly

Elev.: Gr. 2242'

DF 2245' KB 2247'

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#	289'	common	185	2% gel. 3% C.C.
Production	7 7/8"	5 1/2"	14#	4364'	60-40 pozmix	150	10% salt

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		Producing method (flowing, pumping, gas lift, etc.)			
March 31, 1978		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	48	bbls.	MCF	None	bbls.
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
			4364-4372		

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 Palomino Petroleum		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil	
Well No. #1	Lease Name Margheim "E"		
S <u>17</u> T <u>19</u> S <u>R 21</u> X W			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
Elog Tops:			
Cimarron Anhydrite	1464		
Heebner Shale	3714		
Lansing-Kansas City	3760		
Marmaton Limestone	4108		
Pawnee Limestone	4180		
Ft. Scott Limestone	4260		
Cherokee	4276		
Mississippian Osage	4359 (rotary top)		
Total Depth	4361 (did not go to bottom)		
D.S.T. #1 4267-4364: (had to slide tool 4 feet to bottom) Open 30 minutes, no blow, recovered 35' mud. 10 minute shut-in pressure 348#. Some question as to whether or not this is a good test.			
D.S.T. #2 4270-4367: tool stopped 30' off bottom - had to open tool to get to bottom. 30-30-55-30, recovered 450' of mud. Pressures all questionable.			
D.S.T. #3 4271-4372: 30-30-60-30, recovered 470' fluid (200' gas cut mud with oil specks, 30' oil and gas cut mud, 150' heavily oil and gas cut mud-48% oil, 90' very heavily oil and gas cut mud and muddy oil-72% oil). Flow pressures 100# to 274#. Shut-in pressures 1256 to 1256#.			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: center;">  Signature Owner - Palomino Petroleum </div>		
	Title April 14, 1978 Date		

17-19-21W

D R I L L E R S L O G

Margheim "E" #1

RECEIVED

MAR 14 1978

PALOMINO
PETROLEUMCASING RECORD:
7 jts. new 20#
8-5/8" surface
casingCOMPANY: Palomino Petroleum
CONTRACTOR: Strata Drilling CompanyDESCRIPTION: SE NW SE
Section 17-19S-21W
Ness County, KansasTOTAL ROTARY
DEPTH: 4372'COMMENCED: February 27, 1978
COMPLETED: March 7, 1978

ELEVATION: 2247' KB

FORMATIONFROMTOREMARKSPost rock and shale
Shale
Anhydrite
Shale
Lime and shale
Lime0 300
300 1464
1464 1495
1495 2330
2330 4345
4345 4372Ran 7 jts. new 20# 8-5/8" surface
casing, set and cemented @ 289' with
185 sacks common cement, 2% gel, 3%
C.C.; cement circulated. Plug down
12:01 a.m., February 28, 1978.

Ran one electric log.

Ran 3 drill stem tests.

Ran 130 jts. new and used 5½" casing,
set and cemented @ 4364' with 150
sacks 60-40 pozmix, 10% salt. Plug
down 4:30 a.m., March 7, 1978.STATE OF KANSAS)
) ss
COUNTY OF BARTON)I certify that this is a true and correct copy of the above log to the
best of my knowledge.

STRATA DRILLING COMPANY

Kenneth L. Smith