

KANSAS DRILLERS LOG

S. 17 T. 19S R. 21 ~~W~~ W

API No. 15 — 135 — 21,495
County Number

Loc. NE SE SW

County Ness

Operator
Palomino Petroleum

Address
500 Insurance Building, Wichita, Kansas 67202

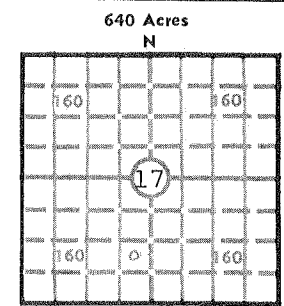
Well No. #2 Lease Name Stieben

Footage Location
990 feet from (N) (S) line 330 feet from (E) (W) line SW/4

Principal Contractor Strata Drilling Co. Geologist R. W. Watchous

Spud Date July 15, 1978 Total Depth 4357' P.B.T.D.

Date Completed July 21, 1978 (rotary) Oil Purchaser Getty Crude Gathering, Inc.



Locate well correctly
Elev.: Gr. 2235'

DF 2238' KB 2240'

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 1/2"	8 5/8"	20#	289'	common	185	2% gel, 3% C.C.
Production	7 7/8"	5 1/2"	14#	4343'	Halliburton Lite 40 bbl. mud pad	175	
					Halliburton Lite 60-40 pozmix	125 150	

LINER RECORD

PERFORATION RECORD

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

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 <u>August 1, 1978</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Gas <u>80</u> bbls. MCF
Oil	Water <u>24</u> bbls. CFPB
Gas-oil ratio	Producing interval (s) <u>Open hole 4340-4357</u>
Disposition of gas (vented, used on lease or sold)	

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. #2	Lease Name Stieben	
S 17 T 19S R 21 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
Elog Tops:				
Cimarron Anhydrite	1458			
Heebner Shale	3704			
Lansing-Kansas City	3747			
Pawnee Limestone	4160			
Ft. Scott Limestone	4240			
Cherokee Sand	4256			
Mississippian Osage	Not logged - use 4338 (-2098)			
Total Depth	4336, did not go to bottom (6 feet of cavings) - use 4342 (-2101)			
No drill stem tests were taken.				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD

Date Received	
	Signature
	Owner - Palomino Petroleum
	Title
	October 16, 1978
	Date

D R I L L E R S L O G

#2 Stieben

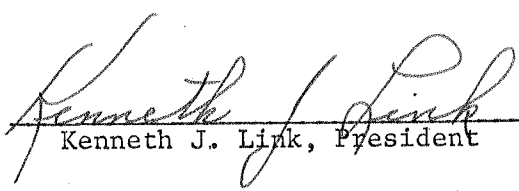
CASING RECORD: 7 jts. new 20# 8-5/8" surface casing	COMPANY: Palomino Petroleum	DESCRIPTION: NE SE SW Section 17-19S-21W Ness County, Kansas
TOTAL ROTARY DEPTH: 4345'	CONTRACTOR: Strata Drilling Company	ELEVATION: 2240' KB
	COMMENCED: July 15, 1978	
	COMPLETED: July 21, 1978	

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface soil, shale	0	300	Ran 284' new 20# 8-5/8" surface casing; set and cemented @ 289' with
Shale, sand, shale	300	1457	185 sacks common cement, 2% gel, 3 %
Anhydrite	1457	1488	C.C.; cement circulated. Plug down
Shale	1488	2320	at 7:15 a.m., July 16, 1978.
Lime and shale	2320	4345	
			Ran one electric log.
			Ran 135 jts. used 5½" casing; set at 4343' with 125 sacks Halco Light, 150 sacks 60-40 pozmix. Plug down at 3:10 a.m., July 21, 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 J. Link, President

Sworn to and subscribed before me this 28th day of July, 1978.

My appointment expires 3-28-80.