

## KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOGAPI No. 15 — 121 — 21,243  
County Number WICHITA, BRANCH

Operator

L.O. Tenk

Address

PO Box 588, Ottawa, KS 66067

Well No.

1

Lease Name

Donald Needham

Footage Location

495 feet from XXXX (S) line

595 feet from XXXX (W) line

Principal Contractor

L. O. Tenk

Geologist

Spud Date

12/30/79

Date Completed

1/5/80

Total Depth

278'

P.B.T.D.

278'

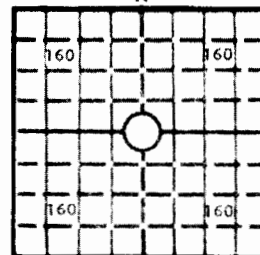
Directional Deviation

Oil and/or Gas Purchaser  
NA

S. 12 T. 18 R. 22 E

Loc. NE SW SW NE

County MIAMI

640 Acres  
N

Locate well correctly

Elev.: Gr.

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	9 5/8	7"	32	40'	Common	20	None
Production	6 1/4"	4 1/2"	10	256'	Common	50	2% gel

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
					256 - 278

## TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	255'	None

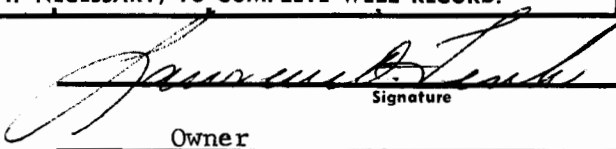
## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Fraced with 5000# sand plus 160 bbls water-gel	256 - 278

## INITIAL PRODUCTION

Date of first production 1/12/80		Producing method (flowing, pumping, gas lift, etc.) Pumped XXXXXX per day XXXXXXXXXX			
RATE OF PRODUCTION PER 24 HOURS		Oil 1 bbl	Gas bbls.	Water 3 MCF	Gas-oil ratio 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    L. O. Tenk, Ottawa, Kansas		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil		
Well No. 1	Lease Name Don Needham			
S <u>12</u> T <u>18</u> R <u>22</u> <sup>E</sup> <del>XXXX</del>				
<b>WELL LOG</b>			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	DEPTH
Kansas City (base )    Lime		118	K.C. <sub>b</sub>	118'
Oil sand	256	278	Peru	278'
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	<div style="text-align: right; margin-bottom: 10px;">             Signature         </div> <div style="text-align: right; margin-bottom: 10px;">           _____            Owner         </div> <div style="text-align: right; margin-bottom: 10px;">           _____            Title         </div> <div style="text-align: right;"> <div style="display: inline-block; text-align: center; margin-right: 20px;"> <u>9/4/80</u>            Date         </div> </div>			

## WELL LOG

Company: L. O. Tenk  
Ottawa., Kansas

Contractor: Company Tools

Completed: 1/5/80

Total Depth: 278'

Lease: D. Needham

Well: #1

Location: NE SW SW NE  
Sec 12-18S-22E  
Miami County, Kansas

Casing: 7" OD 32# Set @ 40'  
4½" 11# Set @ 256'  
Cement circulated

<u>Thickness</u>	<u>Formation</u>	<u>Depth</u>
2	Top soil	2
8	Clay	10
2	Lime	12
3	Clay	15
10	Lime-bkn	25
10	Shale-drk	35
29	Lime	64
2	Shale-blk	66
6	Shale	72
4	Lime-bkn	76
16	Lime	92
3	Shale	95
3	Lime-hd	98
2	Shale	100
6	Lime	106
5	Shale-bkn	111
7	Lime	118
12	Shale-bkn	120
100	Shale	220
3	Lime-sdy	223
29	Shale	252
4	Lime-sdy	256
11	Sand-calc-oil	267
1	Lime-sdy	268
10	Sand-calc-oil	278