

KANSAS DRILLERS LOG

API No. 15 — 015 — 21,404
County Number

Operator

Tomlinson Oil Co., Inc.

Address

200 W. Douglas Suite 1030 Wichita

Well No.

#1

Lease Name

Hart

Footage Location

1650 feet from (N) (S) line 2030 feet from (E) (W) line

Principal Contractor

R.R.A., Inc.

Geologist

Alan Banta

Spud Date

5-27-80

Total Depth

2618'

P.B.T.D.

2120'

Date Completed

7-17-80

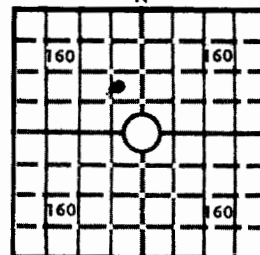
Oil Purchaser

Permian

S. 35 T. 27 R. 4E W

Loc. 50' E N/2 SE NW

County Butler

640 Acres
N

Locate well correctly

Elev.: Gr. 1289

DF 1295 KB 1296

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"	8 5/8	28#	203	Common	100	2% gel CC
Production	7 7/8"	5 1/2	14#	2618	50/50 Poz	175	12% gilsonite

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			18	DP	2578-87
TUBING RECORD			4	DP	2177-81
Size	Setting depth	Packer set at	4	DP	2083.5-87.5

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
MCA-500 gal.	2578-87
MCA-500 gal.	2177-81
MCA-250 gal.	2083.5-87.5
20/40 sand - 5000	2578-87

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
Aug. 4, 1980	Pmpg				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	CFPB
	10 bbls.	MCF	25 bbls.		
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, 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 Tomlinson Oil Co., Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil									
Well No. #1	Lease Name Hart										
S 35 T 27 R 4 (E) 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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="padding: 5px; text-align: center;">NAME</th> <th style="padding: 5px; text-align: center;">DEPTH</th> </tr> <tr> <td style="padding: 5px;">Electric Log</td> <td style="padding: 5px;">2602-210'</td> </tr> <tr> <td style="padding: 5px;">Micro-Seismogram</td> <td style="padding: 5px;">2582-1300'</td> </tr> <tr> <td style="padding: 5px;">Compensated Density</td> <td style="padding: 5px;">2607-1300'</td> </tr> </table>	NAME	DEPTH	Electric Log	2602-210'	Micro-Seismogram	2582-1300'	Compensated Density	2607-1300'
NAME	DEPTH										
Electric Log	2602-210'										
Micro-Seismogram	2582-1300'										
Compensated Density	2607-1300'										
DST #1: 1438' to 1490'. Gas to surf. 30 min; gas stabilized 10,900 CFPD after 2 hours and 30 min. 30"-30"-45"-45"; IHP 705#, IFP 30# to 50#; ICIP 95#; FFP 50# to 50#; FCIP 95#; FHP 705#.											
DST #2: 1471' to 1515'; gas to surf. 30 min., gas stabilized @ 5050 CFPD; 30"-30"-45"-45"; IHP 735#; IFP 30# to 40#; ICIP 95#; FFP 40# to 40#; FCIP 105#; FHP 715#.											
DST #3: 1503'-1550'. 200' Muddy salt water; 30"-30"-45"-45". IHP 632#; IFP 30# to 40#; ICIP 160#; FFP 125# to 135#; FCIP 140#; FHP 620#.											
DST #4: 1760-1785'. 30"-30"-45"-45"; good blow, rec 287' S.W. IHP 863#; IFP 32#-64#, ICIP 427#; FFP 117#-119#; FCIP 448#; FHP 863#.											
DST #5: 2057'-75'; 30"-30"-45"-45" rec 175' gas in pipe, 40' free gassy oil, 80' SOCM salt water, 180' salt water, IHP 1035#, IFP 40#-105#; ICIP 420#; FFP 125#-170#; FCIP 410#; FHP 1035#.											
DST #6: 2084'-2110'. 70' gas in pipe, 30' free oil, 80' HOGCM salt water 45% oil, 60' SOCM salt water 20% oil; IHP 1075#; IFP 40-75#; ICIP 455#; FFP 75#-105#; FCIP 455#; FHP 1055#.											
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.											
Date Received	<i>Patty Green</i> _____ Signature <i>Geological Secretary</i> _____ Title <i>August 25, 1980</i> _____ Date										

32-92-40

Well Log (cont'd)

35-27-4E

Hart #1

DST #7: 2117'-2145'; 30"-30"-45"-45". Weak blow thru out. Rec. 250' of very slightly oil cust S.W. Temp. 97 degrees. IHP 1100#, IFP 0-49#, ICIP 470#, FFP 81#-123#, FCIP 594#, FHP 1090#.

DST #8: 2576' - 2610'. Weak blow. Rec. 30' slightly oil cut mud. 45"-45"-30"-30". IHP 1362#; IFP 21#-21#; ICIP 714#; FFP 42#-42#; FCIP 625#; FHP 1351#.