

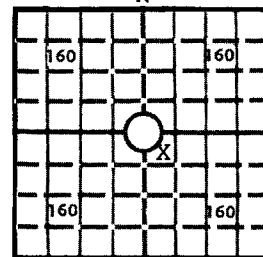
KANSAS DRILLERS LOG

IMPORTANT
Kans. Geo. Survey request
samples on this well.

S. 17 T. 2 R. 30 ^KW

Loc. NW NW SE

County Decatur

640 Acres
N

Elev.: Gr. 2788'

DF 2795 KB 2796

API No. 15 — 039 — 20,481
County Number

Operator

Suburban Propane Gas Corp.

Address

P. O. Box 17689 San Antonio, Texas 78217

Well No.

#1

Lease Name

Helm Kemp

Footage Location

2310' feet from (N) (S) line 2310' feet from (E) (W) line Sec. 17

Principal Contractor

Abercrombie

Geologist

Neil Sikes

Spud Date

3/9/80

Total Depth

4350

P.B.T.D.

—

Date Completed

3/16/80

Oil 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
Sur. Casing	12-1/4"	8-5/8"	24#	331'	Class A	265	3% CaCl, 2% Gel

LINER RECORD

PERFORATION RECORD

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

Size	Setting depth	Packer set at			

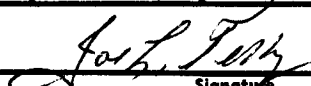
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	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, 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 Suburban Propane Gas Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole		
Well No. #1	Lease Name Helmkamp			
S <u>17</u> T <u>25</u> R <u>30</u> ^E W 2310 SL, 2310 EL Sec.				
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	DEPTH
Shale and Sd.	0	332	Top Anhydrite	2602 (+194)
Shale	332	2607	Base Anhydrite	2632 (+164)
Anhydrite	2607	2630	Top Topeka	3576 (-780)
Shale	2630	2985	Heebner	3774 (-978)
Lime & Shale	2985	3315	Lansing	3820 (-1024)
Shale & Lime	3315	3475	Base K.C.	4044 (-1248)
Lime & Shale	3475	3604	Top Marmaton	4072 (-1276)
Lime	3604	4350	Cherokee	4192 (-1396)
Rotary Total Depth		4350	Conglomerate	4238 (-1442)
			Mississippi	4337 (-1541)
			Ran RGL	4345
DST #1 3824 - 3915 I Hyd. 1941# 1st IFP 64# 1st FFP 73# (30") ISIP 155# (30") 2nd IFP 64# 2nd FFP 73# (30") FSIP 91# (30") F Hyd. 1904# Rec. 5' Drilling Mud No shows				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	<div style="margin-bottom: 10px;">  Signature </div> <div style="margin-bottom: 10px;"> Chief Geologist Title </div> <div> March 26, 1980 Date </div>			