

**WELL COMPLETION REPORT AND
DRILLER'S LOG**

State Geological Survey
WICHITA KANSAS
JUL 8 0 REC'D

API No. 15 — 145 — 20205
County Number

S. 29 T. 23 R. 16 ¹/_E W

Loc. C SW SE

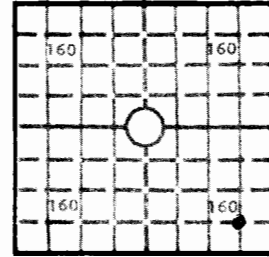
Operator **Leben Oil Corporation**

County **Pawnee County, Ks.**

Address **P.O. Box 35528, Tulsa, Oklahoma 74135**

640 Acres
N

Well No. #1 Lease Name **Hawes B**



Footage Location
660 feet from (N) (S) line 660 feet from (E) (W) line

Principal Contractor **Leben Drilling Inc.** Geologist **N/A**

Spud Date **4/9/71** Date Completed **4/21/71** Total Depth **4616** P.B.T.D. **N/A**

Elev.: Gr. **2068**

Directional Deviation **N/A** Oil and/or Gas Purchaser **Kansas Nebraska Nat. Gas Co**
The Permian Corporation

DF **2070** KB **2073**

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		8-5/8	20#	820		450	
N/A							

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
					4152-4156

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
5-20-71 -Fraced dn csg w/5000 gal 3% geld acid water and 5000#	N/A
20-40 mesh sd, using 500 gal. reg acid ahead of frac treatment	

INITIAL PRODUCTION

Date of first production 7-16-71	Producing method (flowing, pumping, gas lift, etc.) Flowing
RATE OF PRODUCTION PER 24 HOURS	Oil 0 bbls. Gas 125 MCF Water 0 bbls. Gas-oil ratio N/A CFPB
Disposition of gas (vented, used on lease or sold) Sold	Producing interval (s) 4152-4156

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 _____ DRY HOLE, SWDW, ETC.:

Well No. #1 Lease Name Hawes B GAS

S 29 T 23S R 16 ^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	NAME	DEPTH
Clay and Sand	0	75		
Shale	75	465		
Shale and Sand	465	600		
Shale and Red Bed	600	820		
Red Bed and Shale	820	1160		
Shale	1160	1660		
Shale and Lime	1660	2000		
Lime and Shale	2000	2415		
Shale and Lime	2415	3126		
Lime and Shale	3126	3590		
Lime	3590	4557		
Arbuckle	4557	4616		
RTD		4616		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received _____
Signature *E. O. Fischer*
MANAGER-PRODUCTION DEPARTMENT
Title _____
7/16/80
Date

JUN 26 1971

Company Leben et al

Sec. 29 T.23S R. 16W

Contractor Leben Drilling, Inc.

Loc. C SW SE

Farm HAWES B-1

County Pawnee

Total Depth 4616

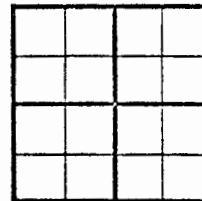
Casing 8 5/8" 20# set @820 w/450
 sx. com 2% cc + 750# woodchips
 Production

Commenced April 9, 1971

Completed April 21, 1971

Producer

4PT COF 3650 MCFGPD/CHER
 BTU 1000



Figures Indicate Bottom of Formations

0	75	Clay and Sand
75	465	Shale
465	600	Shale and Sand
600	820	Shale and Red Bed
820	1160	Red Bed and Shale
1160	1660	Shale
1660	2000	Shale and Lime
2000	2415	Lime and Shale
2415	3126	Shale and Lime
3126	3590	Lime and Shale
3590	4557	Lime
4557	4616	Arbuckle
	4616	RTD

LOG TOPS:

Anhydrite	1061
B "	1080
Heebner	3619
Toronto	3639
Douglas	3658
Br Im	3745
Lansing	3753
BKC	4025
Cher	4146
Chty Cong	4156
Miss Cht	4167
Viola Cht	4251
Simpson Sh	4393
Arbuckle	4434

State of Kansas

County of SEDGWICK

SS