State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

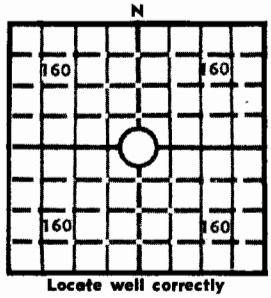
S. 34 T. 9 R. 24 E/W

API No. 15 — 065 (County) — 20,539-A 0001 (Number)

Loc. NW SE NW

County Graham

640 Acres
N



Locate well correctly

Operator: Liberty Enterprises, Inc.

Address: 117 East 10th Hays, Kansas 67601

Well No.: #1

Lease Name: Kurtz "B"

Footage Location: feet from (N) (S) line — feet from (E) (W) line

Principal Contractor: Helberg Oil Co.

Geologist: OWWO

Spud Date: 5-15-76

Total Depth: 4107

P.B.T.D.:

Date Completed: 5-16-76

Oil Purchaser: Mobil Oil

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
Production	7 7/8	4½	10.5	4107	Common	125	

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8	4107	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	3/8	4057-4061
2	3/8	4034-4036
2	3/8	4018-4020
2	3/8	3995-3998

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
6000 gal of 15%n Reg. Acid with Inhibiter	Limited Entry --Depth Interval shown above

INITIAL PRODUCTION

Date of first production: 6-10-76

Producing method (flowing, pumping, gas lift, etc.): Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	100 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.

C-10-1972

Operator		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No.	Lease Name	
S_____T_____R_____ 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

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

Date Received	
	Signature
	Title
	Date

07820