

State Geological Survey WICHITA, BRANCH

3-1-18W

KANSAS DRILLERS LOG

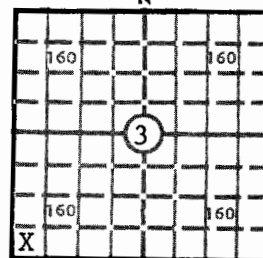
API No. 15 — 147 — 20,164
County Number

S. 3 T. 1S R. 18 ^N_W

Loc. C SW SW SW

County Phillips

640 Acres
N



Locate well correctly

Elev.: Gr. _____

DF _____ KB _____

Operator Heartland Enterprises, Inc. (to 3385')
Baird Oil Co. (took over well at 3385')

Address _____

Well No. 1 Lease Name WALKER "A"

Footage Location
330 feet from (N) (S) line 330 feet from (E) (W) line

Principal Contractor Abercrombie Drilling, Inc. Geologist Bill Iversen

Spud Date August 27, 1973 Total Depth 3435' P.B.T.D. _____

Date Completed September 5, 1973 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
Surface Csg.	12½"	8-5/8"	---	214'	Common	150	---
Production String	7-7/8"	4½"	---	3427'	Common	250	---

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

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 _____ bbls. Gas _____ MCF Water _____ bbls. Gas-oil ratio _____ 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 Heartland Enterprises, Inc. (to 3385')
Baird Oil Co. (took over at 3385')

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Well No.

1

Lease Name

WALKER "A"

S 3 T 1 S R 18 W

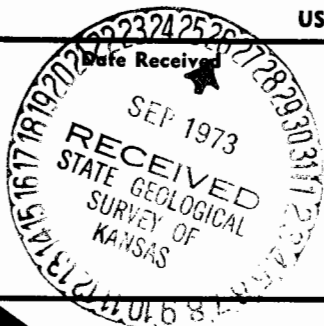
WELL LOG

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 & Shale	0	216	Anhydrite	1618
Shale	216	400	B/Anhydrite	1622
Shale & Sand	400	1260		
Sand	1260	1330		
Shale & Sand	1330	1618		
Anhydrite	1618	1622		
Shale	1622	2245		
Lime & Shale	2245	2478		
Shale & Lime	2478	2869		
Lime & Shale	2869	2983		
Shale & Lime	2983	3118		
Lime & Shale	3118	3205		
Lime	3205	3435		
Rotary T.D.		3435		

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



Jack K. Wharton
Jack K. Wharton Signature
Geologist Title
September 5, 1973 Date