

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

API No. 15 — 033 — 20,365
County Number

Operator

The Maurice L. Brown Company

Address

200 Sutton Bldg., Wichita, Kansas 67202

Well No.

1 Lease Name
Herrington

Footage Location

660 feet from (N) line 660 feet from (E) line

Principal Contractor

Abercrombie Drilling Co. Geologist
Delbert Costa

Spud Date

8-29-80 Total Depth P.B.T.D.
5050'

Date Completed

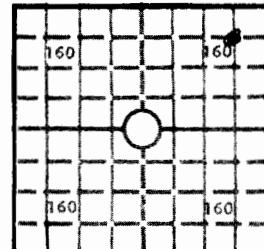
9-11-80 Oil Purchaser
Permian

S. 2 T. 31S R. 18W W

Loc. C NE NE

County Comanche

640 Acres
N



Elev.: Gr. 2132'

DF 2140' 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
Surface	12 $\frac{1}{4}$ "	8-5/8"	24#	516'	HLC Common	250 150	3% CC, $\frac{1}{4}$ # Flo/sx.
Production	7-7/8"	5 $\frac{1}{2}$ "	14#	5007'	HLC 65/35 Poz.	150 100	10# Gil 10% salt, 3/4% CFR-2
							10# Gil/sx.

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	—	—	—
2-3/8"	4993'	4993'			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gal. 15% MCA w/10% solvent	5007-5050'
8000 gals. 15% NE	5007-5050'

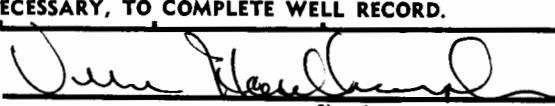
INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)			
10-23-80	Pumping			

RATE OF PRODUCTION PER 24 HOURS	Oil 20 bbls.	Gas —	Water MCF	Gas-oil ratio 27 bbls.	CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval(s) 5007-5050'

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 The Maurice L. Brown Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC. oil		
Well No. 1	Lease Name Herrington			
S 2 T 31S R 18W 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.				
FORMATION DESCRIPTION, CONTENTS, ETC.		TOP	BOTTOM	NAME
(See attached sheets)				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	 Signature Drilling Manager Title 2-19-81 Date			

2-31-18W

CONTRACTOR'S WELL LOG

State of Kansas
WICHITA, BRANCH

OPERATOR: Maurice L. Brown Company
CONTRACTOR: Abercrombie Drilling, Inc.
WELL NAME: HERRINGTON #1
LOCATION: C NE NE, Section 2-31S-18W
Comanche County, Kansas
SPUD DATE: 08-29-80
COMPLETION DATE: 09-12-80

0	790	Redbed
790	1000	Redbed & Shale
1000	5050	Lime & Shale
	5050	Rotary Total Depth

Spud hole @ 6:00 p.m. 08-29-80. Drilled 1000' of a 12-1/4" hole. Ran 12 joints of 9-5/8" 24# casing (tally 506') Set @ 516'. Cemented with 250 sx. of Halliburton lite. Followed with 150 sx. of common, 3% c.c., 1 sx. flocel. Plug was down @ 3:00 p.m. 08-30-80.

T.D. 5050'. Ran 159 joints of 5-1/2" casing (tally 5142.34') Set # 5007' KB. Cemented with 150 sx. of Hales. Followed with 100 sx. of posmix. Plug was down @ 6:15 a.m. 09-12-80.

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

Jack L. Partridge, Assistant Secretary-Treasurer of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the HERRINGTON #1, C NE NE, Section 2-31S-18W, Comanche County, Kansas.

ABERCROMBIE DRILLING, INC.

BY: Jack L. Partridge
Jack L. Partridge, Asst. Sec.-Treas

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of this 29th day of October, 1980.

Deanne A. Mathews