

KANSAS DRILLERS LOG

API No. 15 — 163 — 21.007
County Number

Operator

Thornton E. Anderson

Address 80202

1515 Arapahoe St., St. 1005, Three Park Central, Denver, Co

Well No

#1

Lease Name

Marcotte

Footage Location

820 feet from (S) line

990 feet from (E) line

Principal Contractor

Abercrombie Drilling, Inc.

Geologist

Thornton E. Anderson

Spud Date

12/8/79

Total Depth

3581'

P.B.T.D.

Date Completed

02/21/80

Oil Purchaser

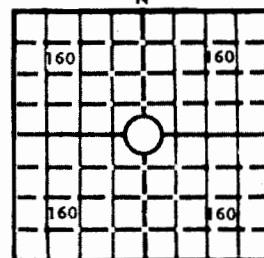
S. 19 T. 9 R. 19

State Geological Survey S. 19 T. 9 R. 19

WICHITA

County Rooks

640 Acres
N



Locate well correctly

Elev.: Gr. 2128'

DF 2134' KB 2136'

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 Casing	12 1/4	8 5/8"	28#	257'	common	180	3% cc, 2% gel
Production Casing	7 7/8	5 1/2"		3579'	common	100	common

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 7/8" EUE	3580'	

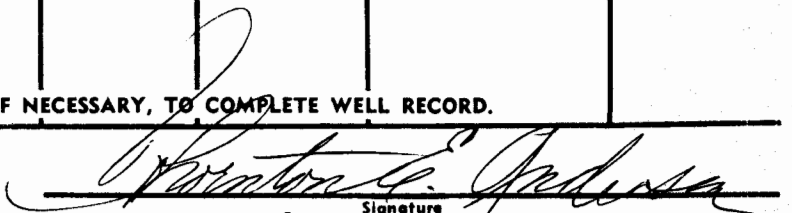
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
105 gal.	3580 - 81
250 gal 15% regular	3580 - 81
750 gal 15% regular	3580 - 81

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
4/17/80		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	40 bbls.	MCF	40 bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
			3580 - 81		

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 <i>Thornton E. Anderson</i>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: <i>OIL</i>		
Well No. <i>#1</i>	Lease Name <i>MARCOTTE</i>			
S <i>19</i> T <i>9</i> R <i>19</i> ^W				
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
			<i>TOPEKA</i>	<i>3082 (-846)</i>
			<i>HEEBNER</i>	<i>3288 (-1152)</i>
			<i>LANSING</i>	<i>3328 (-1129)</i>
			<i>LTD</i>	<i>3578 (-1442)</i>
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	<div style="text-align: right;">  Signature <i>Owner</i> Title <i>11/17/80</i> Date </div>			

18119

CONTRACTOR'S WELL LOG

OPERATOR: Thornton E. Anderson
CONTRACTOR: Abercrombie Drilling, Inc.
WELL NAME: Marcotte #1
LOCATION: 170' S of NW SE SE, Section
19-9S-19W, Rooks County, Kansas
SPUD DATE: December 08, 1979
COMPLETION DATE: December 15, 1979

0	213	Sand and shale
213	575	Shale
575	1541	Shale and sand
1541	1580	Anhydrite
1580	2565	Shale
2565	3197	Lime and shale
3197	3580	Lime
	3580	Rotary Total Depth

Spud hole at 7:00 p.m., December 08, 1979. Drilled 258' of 12 $\frac{1}{4}$ " hole. Ran 6 joints of 8-5/8" - 28# casing. (Talley 249.10') Set at 257' with 180 sacks of common cement, 3% Ca.Cl., 2% gel. Cement did circulate. Plug was down at 2:30 a.m., December 09, 1979.

T.D. 3580'. Ran 102 joints of 5 $\frac{1}{2}$ " - 14# casing. (Talley 3607.80') Set at 3579' with 100 sacks of common cement, 10% salt. Job was complete at 1:00 a.m., December 15, 1979.

SAMPLE TOPS:

Anhydrite 1541'
B/Anhydrite 1580'

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 Marcotte #1, 170' S of NW SE SE, Section 19-9S-19W Rooks County, Kansas.

ABERCROMBIE DRILLING, INC.

BY Jack L. Partridge
Jack L. Partridge
Assistant Secretary-Treasurer