

State Geological Survey

WICHITA BRANCH

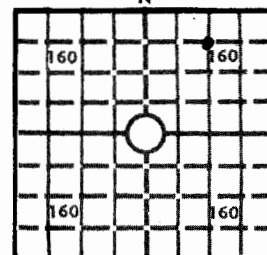
KANSAS DRILLERS LOG

15-163-20713

API No. 15 — 163 — 20,713
County NumberS. 35 T. 8 R. 18 E
W

Loc. C N2 NE

County Rooks

640 Acres
N

Locate well correctly

Elev.: Gr. 2014

DF 2017 KB 2019

Operator

Two-Way Oil Company

Address

1000 Southwest Second Plainville, Kansas

Well No.

#3

Lease Name

Dechant

Footage Location

660 feet from (N) (S) line 1980 1320 feet from (E) (W) line 1320

Principal Contractor

Helberg Oil Co.

Geologist

Charles Swadlow

Spud Date

June 15-1977

Total Depth

3474

P.B.T.D.

3463

Date Completed

June 30-1977

Oil Purchaser

C.R.P.

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 1/4"	8 5/8"	28 #	169	Common quick set	130	
Long String	7 7/8"	4 1/2"	9.50	3473	Common	200	10% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 Per ft	3/8" Jumbo Jet	3369-71 - 3360-64
			2 Per ft	3/8" Jumbo Jet	3290-94 - 3280-84
			2 Per ft	3/8" Jumbo Jet	3231-37

TUBING RECORD

Size	Setting depth	Packer set at
2"	3459	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 Gal 15% Reg Acid	3369-71 - 3360-64
2000 Gal 15% Reg Acid	3290-94 - 3280-84
1000 Gal 15% Reg Acid	3231-37

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
July 1-1977		Pumping			
Rate of production per 24 hours	Oil	Gas	Water	Gas-oil ratio	
	40	bbls.	MCF	25	bbls.
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
Vented			3369-71-3360-64-3290-94-3280-		

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>Two-way Oil Company</i>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWD, ETC.: <i>Oil</i>
Well No. <i>3</i>	Lease Name <i>Cashant</i>	
S <i>35</i> T <i>8</i> R <i>18</i> 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
<i>No Drill Stem tests were run</i>			<i>Anhydrite</i>	<i>1353</i>
			<i>Topeka</i>	<i>2935</i>
			<i>Heebner</i>	<i>3149</i>
			<i>Toronto</i>	<i>3174</i>
			<i>Lensing</i>	<i>3194</i>
			<i>BKE</i>	<i>3416</i>
			<i>Arbuckle</i>	<i>3467</i>
			<i>TD</i>	<i>3474</i>

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

Date Received	<i>Thomas E. Brown</i> Signature <i>Partner</i> Title <i>7/3-77</i> Date
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