

KANSAS DRILLERS LOG

IMPORTANT
Kans. Geo. Survey request
samples on this well.

API No. 15 — 063 — 20,424
County Number

Operator

Kansas Oil Corp.

Address

400 North Woodlawn Wichita, Kansas

Well No.

#1

Lease Name

Thornburg "D"

Footage Location

330' FSL and 330' FWL

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Emphasis

Geologist

Carnes

Spud Date

7-3-79

Total Depth

4560'

P.B.T.D.

4540

Date Completed

7-13-79

Oil Purchaser

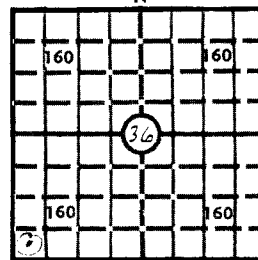
Inland Crude

S. 36 T. 15 R. 26 W

Loc. SW SW SW

County Gove

640 Acres
N



Locate well correctly

Elev.: Gr.

2555

DF 2558'

KB 2560'

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	12½	8 5/8	20	286'	Common	175	(2%gel 3%Ca.Cl.)
Prod.	7 7/8	4½	10.5	4554'	Common	300	(2%gel 3% Ca.Cl.)

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"	4450'	

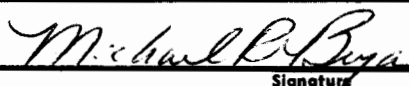
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized with 350 gallons of mud acid	4462'-4480'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil 65 bbls.	Gas N/A MCF	Water N/A bbls.	Gas-oil ratio N/A CFPB	
Disposition of gas (vented, used on lease or sold) N/A			Producing interval(s) 4462' - 4480'		

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 Kansas Oil Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil	
Well No. #1	Lease Name Thornburg "D"		
S <u>36</u> T <u>15S</u> R <u>26W</u> ^X _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
Anhydrite	1972		
Heebner	3801		
Lansing	3852		
Swope	4100		
BKC	4154		
Pawnee	4283		
Ft. Scott	4356		
CK	4382		
Miss. Dolomite	4460		
DST #1 30-45-45-60, Rec. 30' TM/w/oil/spks. (5% water 95% mud), IFP 32-54 psi., FFP 65-71 psi., ISIP 1298 psi., FSIP 1287 psi.	4058	4096	Dennis
DST #2 30-45-45-60, Rec. 70' VHO+ GCM, 300' MCO (90% O), IFP 65-119, psi., FFP 163-217 psi., ISIP 1190 psi., FSIP 1115 psi.,	4422	4476	Mississippian
DST #3, 30-60-45-60, Rec. 240' GIP, 185' CGO, 190' frothy O, IHP 21-86 psi., FFP 119-163 psi., ISIP 1115, psi., FSIP 1030 psi.,	4476	4484	Mississippian
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature Michael R. Bryan Title 3/24/81 Date		

Emph

36-15-26W P1

EMPHASIS OIL OPERATIONS

P. O. Box 506

Russell, Kansas 67665

SEP

DRILLERS LOG

OPERATOR: Kansas Oil Corporation
400 N. Woodlawn, Suite 2
Wichita, KS 67208

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Thornburg "D"

WELL: #1

LOCATION: SW SW SW
Section 36-15S-26W
Gove County, Kansas

Total Depth: 4560'

Elevation:

Commenced: 7-3-79

Completed: 7-13-79

Casing: 8-5/8" @ 285'
4-1/2" @ 4556'

Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Shale & Sand	180	Shale & Lime	4020
Sand & Shale	1977	Lime & Shale	4255
Anhydrite	2014	Shale & Lime	4340
Shale	3105	Lime & Shale	4403
Shale & Lime	3402	Lime (R.T.D.)	4560
Shale	3821		

STATE OF KANSAS)

COUNTY OF RUSSELL) ss

I, Joe K. Branum, of Emphasis Oil Operations state that the above and foregoing is a true and correct log of the above captioned well.

Joe K. Branum