

WICHITA BRANCH

KANSAS DRILLERS LOG

S. 16 T. 7S R. 32 ^W

API No. 15 — 193 — 20,141
 County Number

Loc. NE SE NW

County Thomas

Operator
 Cities Service Company

Address
 700 Sutton Place Bldg, 209 E. William, Wichita, KS 67202

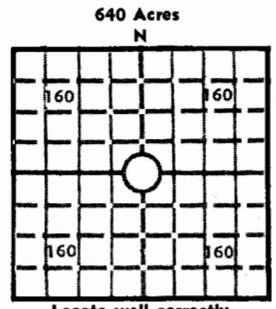
Well No. 1 Lease Name Knudson "A"

Footage Location
1650 feet from (N) line 2310 feet from (E) (W) line

Principal Contractor Dreiling Oil Co., Inc. Geologist Well Site - Dennis Hedke

Spud Date 6-8-77 Total Depth 4870' P.B.T.D. 4358'

Date Completed 7-3-77 Oil Purchaser Falco Co.



Elev.: Gr. 3064'
3067' 3069'
 DF 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 1/4"	8 5/8"	24#	365'	Class "A"	300	2% Cal. Chloride
Production	7 7/8"	5 1/2"	14#	4403'	Class "A"	300	2% Gel + 10% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	1/2" Jets	4241-4250'

TUBING RECORD

Size	Setting depth	Packer set at
2"	4233'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production <u>7-2-77</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>51</u> bbls. Gas <u>----</u> MCF Water <u>21</u> bbls. Gas-oil ratio <u>----</u> 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 Cities Service Company DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name Knudson "A" Oil

S 16 T 7S R 32 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.

Table with 5 columns: FORMATION DESCRIPTION, CONTENTS, ETC., TOP, BOTTOM, NAME, DEPTH. Content: (See Attached)

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

Date Received Signature E. W. Peterman Region Operations Manager Title July 11, 1977 Date

DREILING OIL, INC.

Victoria, Kansas 67671

Cities Service Oil Co.
710 Sutton Place Bldg.
209 East Williams
Wichita, KS 67202

WELL LOG

Company			Sec. 16	Twp. 7	Rng. 32
Farm	Knudson	No. A-1	Location	NE SE NW	
Total Depth	4,870'		County	Rawlins	
Comm.	6-8-77	Comp. 6-23-77	Elevation:	3069	K. B.
Contractor	Dreiling Oil, Inc. Rt. #1 Victoria, KS 67671			3066	D. F.
				3064	G. B.

Casing Record

362' - 8 5/8"
4,403' - 5 1/2"

Cement Record

300 sacks cement
cemented with 300
sacks cement

Production:

Figures Indicate Bottom of Formations

0'	195'	Top Soil & Sand
195'	2725'	Shale
2725'	2762'	Anhydrite
2762'	3452'	Shale
3452'	3690'	Line & Shale
3690'	4870'	Line
4870'	T.D.	

STATE OF KANSAS)
)ss
COUNTY OF KLLIS)

I, Joseph A. Hess, Secretary Treasurer of Dreiling Oil, Inc., upon oath states that the above and foregoing is a true and correct copy from the the Daily Drilling Report: from the Knudson A-1.


JOSEPH A. HESS

Subscribed and sworn to before me this 5th day of July, 1977.

CECILIA BASGALL
NOTARY PUBLIC
Ellis County, Kansas


Cecilia Basgall Notary Public

My appointment expires: November 17, 1980.