

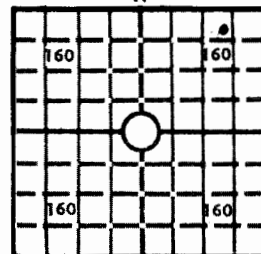
IMPORTANT
Kans. Geo. Survey request
samples on this well.

S. 5 T. 21 R. 19 ^W

Loc. C N2 NE

County Pawnee

640 Acres
N



Locate well correctly

Elev.: Gr. 2172'

DF 2174' KB 2177'

API No. 15 — 145 County — 20,418 Number

Operator
Brouger Oil, Inc.

Address
Box 1367 Great Bend, Kansas 67530

Well No. #1 Lease Name Smith "C"

Footage Location
660 feet from (N) 36 line 1320 feet from (E) 28 line

Principal Contractor Duke Drilling Co. Geologist J.C. Musgrove

Spud Date 4-23-76 Total Depth 4298' P.B.T.D.

Date Completed 5-02-76 Oil Purchaser Cities Service

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#	386'	Common (113) PozmixA (112)	225	Gel 2% C.C. 3%
Production		4 1/2"	10 1/2#	4359'	Common (63) PozmixA (62)	125	Salt 18% CFR-2 .75%

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"	4330'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 Gal. MOD 202 Acid — Treat Mississippi	
1500 Gal. MOD 202 Acid — Treat Mississippi	

INITIAL PRODUCTION

Date of first production <u>5-22-76</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>25</u> bbls. Gas <u>Trace</u> MCF Water <u>Trace</u> bbls. Gas-oil ratio <u>CFPB</u>
Disposition of gas (vented, used on lease or sold)	Producing interval (s) <u>4297' to 4300'</u>

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

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No.

Lease Name

S _____ T _____ R _____ 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

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

Date Received

Viann Brougher
Signature

Viann Brougher
Secretary - Treasurer

Title

6-14-76

Date

312275

5-21-19W

Drillers' Well Log

Date Commenced: April 23, 1976

Date Completed: May 2, 1976

Brougher Oil Inc.
Smith C-1
C N/2 NE/4
Sec. 5-21S-R19W
Pawnee County, Kansas

Elevation: 2177 K.B.

- 0 - 198' Shale
- 198 - 235' Sand
- 235 - 280' Red Bed
- 280 - 530' Sand & Shale
- 530 - 746' Red Bed
- 746 - 897' Dakota Sand
- 897 - 1319' Shale & Red Bed
- 1319 - 1350' Anhydrite
- 1350 - 1675' Shale & Shells
- 1675 - 2150' Shale & Lime
- 2150 - 3688' Lime & Shale
- 3688 - 3692' Shale
- 3692 - 3750' Lime & Shale
- 3750 - 4077' Lime
- 4077 - 4202' Lime & Shale
- 4202 - 4260' Lime, Chert
- 4260 - 4295' Sand, Shale, Chert
- 4295 - 4298' Chert, Lime
- 4298' RJD

Formation Data	
Dakota Sand	746'
Anhydrite	1319'
Heebner	3688'
Kansas City	3750'
Base K.C.	4077'
Cherokee	4202'
Cherokee Sand	4260'
Mississippi	4295'
RJD	4298'

Surface Pipe: Set used 8-5/8",
28# at 386' w/225 sacks 50/50
Pozmix, 2% Gel, 3% cc.

Production Pipe: Set used 4 1/2",
10 1/2# w/125 sacks 50/50 Pozmix,
18% salt, .75% CR -2 & 20 bbls.
salt flush ahead of cement.

A f f i d a v i t

State of Kansas
County of Barton) ss.

Larry Curtis of lawful age, does swear and state that the facts and statements herein contained are true and correct to the best of his knowledge.

Larry Curtis

Subscribed and sworn to before me this 4th day of May 1976.

My Comm. Expires:
April 11, 1978

Maureen M. Hague
Notary Public