State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

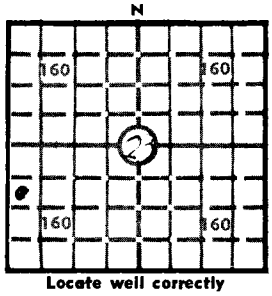
S. 23 T. 16 R. 11W E W

API No. 15 — 009 (County) — 20,901 (Number)

Loc. SW NW SW

County Barton

640 Acres



Locate well correctly

Operator: Brougher Oil , Inc.

Address: Drawer 1367, Great Bend, Kansas 67530

Well No. #6 | Lease Name: Burmeister

Footage Location: 990 feet from (N) (S) line — 330 feet from (E) (W) line

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

Spud Date: May 10, 1975 | Total Depth: 3382 | P.B.T.D.:

Date Completed: May 16, 1975 | Oil Purchaser: NCRA

Elev.: Gr. ____ DF ____ KB 1920

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#	328	60/40 Poz	175	2%Gel,3%cc
Production	7 7/8	5 1/2	14#	3381	50/50 Poz	125	20bbls.salt flush ahead of cement.

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2"	3382	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
	Open Hole	3381-3384

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 Gal. Acid, Swabbed 4 bbls. per hr.	

INITIAL PRODUCTION

Date of first production: 6-5-75

Producing method (flowing, pumping, gas lift, etc.): Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	30 bbls.	MCF	bbls.	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.

C-10-1973

Operator	Brougher Oil, Inc.	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil
Well No. 6	Lease Name Burmeister	
S 23 T 16 R 11 E W		

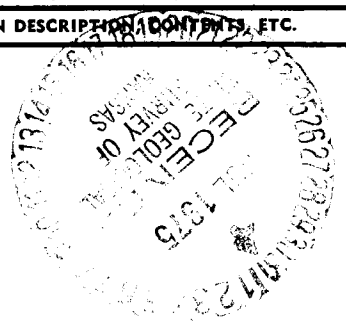
WELL LOG

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

RECEIVED ... GEOLOGICAL SURVEY OF KANSAS ... 1975



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

Date Received	
	Signature Viann Brougher
	Secretary-Treasurer Title
	Date

515936

23-16-11W

DRILLERS' WELL LOG

DATE COMMENCED: May 10, 1975
DATE COMPLETED: May 16, 1975

Brougher Oil, Inc.
BURMEISTER # 6
SW NW SW of Sec. 23-T16-R11W
Barton County, Kansas

ELEVATION: 1920 K.B.

0 -	75'	Surface Clay and Post Rock
75 -	284'	Shale and Sand Streaks
284 -	390'	Sand and Shale Streaks
390 -	732'	Red Bed
732 -	761'	Anhydrite
761 -	1425'	Red Bed, Shale and Shells
[illegible]25 -	2730'	Lime and Shale
[illegible]30 -	2960'	Lime
2960 -	2964'	Shale
2964 -	2980'	Lime and Shale
2980 -	2992'	Lime
[illegible]92 -	3061'	Shale
[illegible]61 -	3081'	Lime and Shale
3081 -	3315'	Lime
3315 -	3378'	Lime, Shale, Chert
3378 -	3382'	Dolomite
	3382'	RTD

FORMATION TOPS

Anhydrite	732
Topeka	2730
Heebner	2960
Toronto	2980
Douglas	2992
Brown Lime	3061
Lansing	3081
Base K.C.	3315
Cong.	3352
Arbuckle	3378
RTD	3382

SURFACE PIPE:
Set 328' of 8 5/8", 28# used pipe w/175 sacks 60/40 Pozmix 2% Gel, 3% cc.

PRODUCTION PIPE:
Ran 14#, 5½" new casing @ 3381' w/125 sacks 50/50 Pozmix, 20 bbls salt flush ahead of cement.

A F F I D A V I T

STATE OF KANSAS)
COUNTY OF BARTON) ss.

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

Leonard Williamson

Subscribed and sworn to before me this 19th day of May, 1975.

Dorothy M. Hagan
Notary Public

My Commission Expires: April 11, 1978


JUL 1975
RECEIVED
GEOLOGICAL
SURVEY OF
KANSAS