

NO Log needed  
PI

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

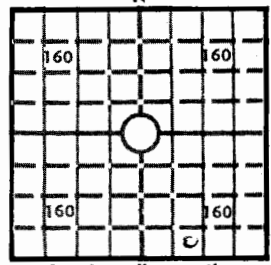
Geological Survey  
WICHITA, KANSAS, BRANCH  
R. 22 R W

**KANSAS DRILLERS LOG**

API No. 15 — 195 — 20,545  
County Number

Loc. SE SW SE  
County Trego

640 Acres  
N



Locate well correctly

Elev.: Gr. 2358

DF 2360 KB 2363

Operator  
Kansas Oil Corp.

Address  
400 North Woodlawn, Suite #2 Wichita, Kansas 67208

Well No. #1 Lease Name Musgrave

Footage Location  
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Big Springs Drilling Geologist John C. Carnes

Spud Date 3/9/79 Total Depth 4115 P.B.T.D.

Date Completed 3/19/79 Oil Purchaser

**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		8-5/8		209'	common	140	2%gel 3%CaCl
Production		4-1/2		4115.5'	common	300	2%gel 3%CaCl

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		3994-4004

Size	Setting depth	Packer set at

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
Acid 330, SWB LD, SWB 30 frac 45m SD & 91 ms POP	3994-4004

**INITIAL PRODUCTION**

Date of first production 7/30/79 Producing method (flowing, pumping, gas lift, etc.) pumping

RATE OF PRODUCTION PER 24 HOURS	Oil 16 bbls.	Gas N/A MCF	Water 40BSWPD bbls.	Gas-oil ratio N/A	CFPB
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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 Kansas Oil Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #1	Lease Name Musgrave	011
S <u>36</u> T <u>11</u> R <u>22</u> <sup>E</sup> <sub>W</sub>		

**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
Heebner	3632			
Toronto	3651			
Lansing	3668			
Base Kansas City	3891			
Marmaton	3982			
Conglomerate	4034			
Arbuckle	4091			
DST#1, 15-30-15-30, Rec. 5' Drlg Mud IFP-65-54 ISIP - 1019 FFP 65-54 FSIP - 922 IHH-FHH 2217,2217	3847	3902		
DST#2, 30-30-60-30, Rec 60' Oil cut mud (45% O), 60' slightly oil cut mud (15%O) IFP - 65-65 ISIP - 1105 FFP - 65-76 FSIP - 944 IHH-FHH - 2334, 2238	3985	4020		
DST#3, 15-30-15-30, Rec 4' Drlg mud IFP - 43-33 ISIP - 65 FFP - 43-33 FSIP - 65 IHH-FHH - 2313,2260	4054	4071		

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

Date Received	<i>Michael R. Bryan</i>
	Signature
	Michael R. Bryan
	Title
	3/27/81
	Date

40656

PI

36-11-22W

# BIG SPRINGS DRILLING, INC.

P.O. BOX 8287  
MUNGER STATION  
WICHITA, KANSAS 67208

SUITE 29 • 400 NORTH WOODLAWN • (316) 681-1732

March 26, 1979

## DRILLERS LOG

JIM O. A. BEER  
*State Geological Survey*  
WICHITA BRANCH

Re: Musgrave No. 1  
SE SW SE  
Sec. 36 - Twp 11s - Rq 22W  
Trego County, Kansas

OPERATOR: Kansas Oil Corporation  
CONTRACTOR: Big Springs Drilling, Inc.  
COMMENCED: 3-11-79  
COMPLETED: 3-19-79

Surface Pipe: 213' of 8 5/8" w/140 sx Common 2% gel, 3% ccl

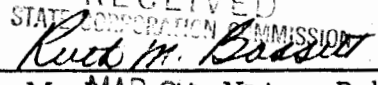
0	213	Sand and Shale
213	1814	Clay, Sand and Shale
1814	1860	Anhydrite
1860	2695	Shale
2695	3645	Lime and Shale
3645	4115	Lime
4115		RTD

We certify that the above and foregoing is a true and correct copy of the log on the # 1 Musgrave located in Trego County, Kansas.

BIG SPRINGS DRILLING, INC.

  
Paul A. Seymour, Jr.

Subscribed and sworn to before me this 26th day of March, 1979.

RECEIVED  
STATE CORPORATION COMMISSION  
  
Ruth M. Bassett, Notary Public  
MAR 27 1979

My Commission Expires:

May 30, 1979

CONSERVATION DIVISION  
Wichita, Kansas