

9-21-23W

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCH

S. 9 T. 21S R. 23 ^K_W

API No. 15 — 083 — 20275
County Number

Loc. NE SW

Operator

Halliburton Oil Producing Company

Address

117 Cameron Bldg., 2915 Classen Blvd., Oklahoma City, Okla. 73106

Well No.

1

Lease Name

Frusher

Footage Location

1980

feet from (N) XM line

1980

feet from (E) 085 line

Principal Contractor

Hellar? Drilling Co., Inc.

Geologist

Frank Brooks

Spud Date

12-6-72

Total Depth

2650

P.B.T.D.

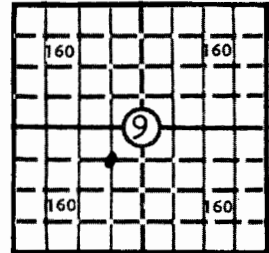
Date Completed

12-9-72

Oil Purchaser

County Hodgeman

640 Acres



Locate well correctly

Elev.: Gr. 2350

DF 2352 KB 2355

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
<u>Surface</u>	<u>12 1/4"</u>	<u>8 5/8</u>	<u>20</u>	<u>326</u>	<u>Regular</u>	<u>225</u>	<u>2% Gel, 3% C.C.</u>

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

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	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.

Operator Halliburton Oil Producing Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name Frusher	Dry Hole
S <u>9</u> T <u>21</u> S R <u>23</u> ^{EX} _W		

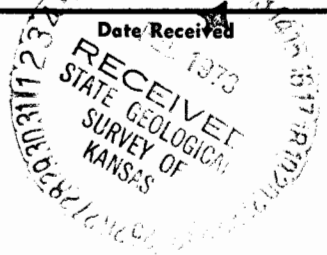
WELL LOG

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
Surface soil, limestone and shale	0	80		
Lime, shale and sand	80	326		
Shale, some sand in upper part	326	1048		
Sand	1048	1417		
Shale	1417	1559		
Anhydrite	1559	1604	Stone Corral	
Shale	1604	1930		
Salt, shale and anhydrite	1930	2510	Wellington	
Dolomite lime	2510	2586	Chase Group	
Dolomite, cherty lime	2586	2622	Ft. Riley	
Total Depth	2622			

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

	<u>D. D. Sweeting</u> Signature
	<u>Superintendent</u> Title
	<u>2-1-73</u> Date

DEC 29 1972

DRILLER'S LOG



COMPANY: Halliburton Oil Producing Co., 117 Cameron Bldg., Okla. City, Okla. 73106
CONTRACTOR: Hellar Drilling Company, Inc., 339 Union Center Bldg., Wichita, Kansas 67202
LEASE: #1 Frusher
LOCATION: c NE SW 9-21S-23W, Hodgeman County, Kansas
COMMENCED: December 6, 1972
COMPLETED: December 9, 1972
CASING: Set 8 5/8" Surface Casing @ 326' w/225 sacks cement

2355 KB
D & A

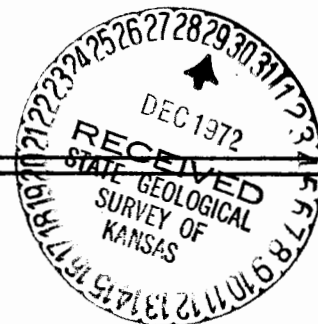
0-80	Surface Soil & Post Rock & Shale
80-326	Post Rock & Shale & Sand
326-1048	Shale & Sand & Red Bed
1048-1417	Sand
1417-1559	Shale
1559-1604	Anhydrite
1604-1925	Shale
1925-2516	Salt Section
2516-2650	Shale & Lime
2650	Rotary Total Depth

D & A

.LOG TOPS

SC	1561
B SC	1597
Ft Riley	2586
LTD	2622
RTD	2650

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)



I, D. L. Hellar, do hereby certify that the above and foregoing is a true and correct copy of the log of the #1 Frusher, located in c NE SW 9-21S-23W, Hodgeman County, Kansas, as reflected by the files of the Hellar Drilling Company, Inc.

HELLAR DRILLING COMPANY, INC.