

KANSAS DRILLERS LOG

API No. 15

195

20,650

County

Number

Operator

A. Scott Ritchie

Address

Suite 950 - 125 N. Market, Wichita, KS

Well No.

#2

Lease Name

Buchholz

Footage Location

990 feet from ~~BOX~~ (S) line

990 feet from (E) line SW/4 NW/4

Principal Contractor

Murfin Drlg. Co.

Geologist

Roger Fisher

Spud Date

June 3, 1980

Total Depth

3922'

P.B.T.D.

Date Completed

July 11, 1980

Oil Purchaser

Clear Creek, Inc.

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 $\frac{1}{4}$ "	8-5/8"	24-28#	191'	quickset	160	
production	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	10.5#	3920'	60/40 poz.	175	10% salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	SSB	3461'-3464'
1	3/8"	3544'
1	3/8"	3535'
4	SSB jets	3542 $\frac{1}{2}$ '-3545'
2	SSB	3533'-3537'

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2400 gal. 28% acid squeezed w/175 sx. 60/40 pozmix	3544', 3535'
800 gal. 28% acid squeezed w/100 sx. 60/40 pozmix	3542 $\frac{1}{2}$ '-3545'
300 gal. 28% acid	3533-3537'
500 gal. 28% acid	3461'-3464'

INITIAL PRODUCTION

Date of first production

July 11, 1980

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

swabbed (will be pumping)

RATE OF PRODUCTION
PER 24 HOURS

Oil

80 bbls.

Gas

MCF

Water

75% bbls.

Gas-oil ratio

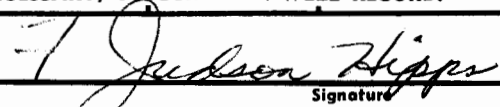
CFPB

Disposition of gas (vented, used on lease or sold)

Producing interval(s)

3461'-3464'

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 A. Scott Ritchie		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. 2	Lease Name Buchholz	oil	
S <u>7 T 11SR 22</u> W			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	
DST #1 from 3453'-3485' Recovered 705' gassy oil cut muddy water (32% oil, 63% water, 5% mud) and 430' gassy muddy water. IFP 85-297#/30"; ISIP 927#/30"; FFP 372-468#/30"; FSIP 927#/30". DST #2 from 3488'-3528' Recovered 65' very slightly oil cut mud. IFP 53-53#/30"; ISIP 852#/45"; FFP 63-63#/30"; FSIP 831#/45". DST #3 from 3531'-3548' Recovered 1250' gas in pipe, 120' clean oil, 450' muddy oil (67% oil, 33% mud) IFP 74-138#/30"; ISIP 884#/30"; FFP 191-202#/30" FSIP:863#/30". DST #4 from 3581'-3648' Recovered 45' oil cut mud (16% oil, 84% mud). IFP 53-53#/30"; ISIP 106#/30". FFP 63-63#/30"; FSIP 85#/30". DST #5 from 3646'-3700 Misrun, lost packer. DST #6 from 3639'-3700' Recovered 225' muddy wtr. IFP 31-63#/45"; ISIP 1257#/45"; FFP 95-117#/45"; FSIP 1214#/45". DST #7 from 3780'-3849' Recovered 20' mud. IFP 42-42#/30"; ISIP 521#/30"; FFP 53-53#/30"; FSIP 489#/30".			
		ELECTRIC LOG TOPS	
		Anhydrite 1659' (+ 537) B/Anhydrite 1706' (+ 490) Topeka 3206' (-1010) Heebner 3421' (-1225) Toronto 3446' (-1250) Lansing 3460' (-1264) B/KC 3682' (-1486) Marmaton 3776' (-1580) Arbuckle 3902' (-1706) RTD 3920' (-1724) LTD 3922' (-1726)	
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature F. Judson Hipps, Geologist Title July 25, 1980 Date		

80166

COMPANY A. Scott Ritchie

SEC. 7 T. 11S R. 22W

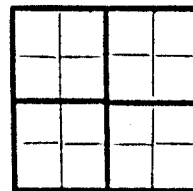
FARM BUCHHOLZ NO. 2

LOG. NW SE NW

RIG. NO. 15
TOTAL DEPTH 3920'
COMM. 6-4-80 COMP. 6-13-80

CONTRACTOR Murfin Drilling Company

COUNTY Trego
KANSAS



CASING
20 10
15 8 -5/8" csg. set @ 191' w/160 sx. Quickset.
12 6
13 5

ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

191'	Surface Dirt--Clay--Shale
780'	Shale & Sand & Pyrite
1165'	Shale & Sandstone
1360'	Sand
1405'	Shale
1658'	Shale & Red Bed
1705'	ANHYDRITE
2850'	Shale
3515'	Shale & Lime
3760'	Lime
3845'	Lime & Shale
3849'	Lime & Chirt
3895'	Lime
3920'	Lime & Chirt R T D