

KANSAS DRILLERS LOG

API No. 15 — 019 — 20,716
County Number

Operator

Carl Walter

Address

Box 179 Sedan, Kansas 67361

Well No.

#4

Lease Name

Walter's

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Geologist

Spud Date

Total Depth

P.B.T.D.

Date Completed

Oil Purchaser

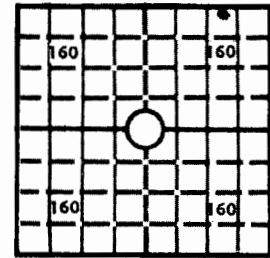
S. 19 T. 34 R. 12 E W

Loc. NW NE

County Chautauqua

640 Acres

N



Locate well correctly

Elev.: Gr.

DF

KB

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

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

PERFORATION RECORD

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

NONE

Gas

NONE

Water

50

Gas-oil ratio

CFPB

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

The fracture went into water

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 CARL WALTER		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 4 WALTER'S	Lease Name	
S 19 T 34 R 12 E		
WELL LOG Show all important zones of porosity and contents thereof; record intervals, and all drill-logs 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.

FO

DEPTH

#4

Soil	0-12	SHALE	806-972
SAND rock	12-14	LIME	972-974
yellow clay	14-16	SHALE	974-979
Black shale	16-26	LIME	979-990
SAND	26-27	PERU SAND	990-1004
Blue shale	27-33	SHALE	1004-1008
SAND	33-48	FINE FOOT OF GOOD	
SHALE	48-69	SATURATION	994-999
LIME	69-82		
SAND	82-160		
SHALE	160-195		
SAND	195-210		
Sdy shale	210-370		
Hard sandy lime	370-377		
Sdy shale	377-397		
Hard sand	397-470		
Bl shale	470-485		
Shale	485-660		
Sand	660-732		
SHALE	732-770		
LIME	770-776		
SAND	776-806		
	OVER		