

KANSAS

IMPORTANT

Kans. Geo. Survey request
samples on this well.

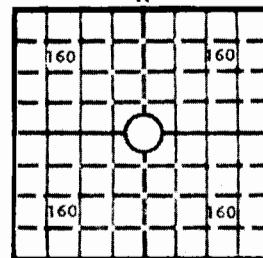
State Geological Survey

WICHITA BRANCH

S. 35 T.11 R22 E

Loc. 110' N/SW SW NE

County Trego

640 Acres
N

Locate well correctly

Elev.: Gr. 2328'

DF KB 2333'

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 195 — 20,744
County Number

Operator

A. Scott Ritchie

Address

950 Vickers KSB&T Building Wichita, Kansas 67202

Well No.

#1

Lease Name

Hillman

Footage Location

440 feet from (N) (S) line 330 feet from (E) (W) line NE/4

Principal Contractor

Murfin Drilling Co.

Geologist

Galen Babcock

Spud Date

1/30/81

Date Completed

3/31/81

Total Depth

4024'

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser

Clear Creek

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 1/2"	8-5/8"	24#	173'	common quickset	160	
production		4 1/2"		4027'	60/40 poz	200	10% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	SSB	3927'-3948'
			4	SSB	3688'-3681'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gallons 15% INS w/10% polysolvent	3927'-3948'
fracture treated w/ 40,000 gal. gelled KCL water & 22,500# sand	" "

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
3/18/81		swabbed (will be pumping)			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	80 bbls.	0 MCF	20% bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
none			Lansing-KC: Marmaton		

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, 245 No. Water, Wichita, Kansas 67202. 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.: Oil
Well No. 1	Lease Name Hillman	
S 35 T 11 S R 22 ^{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
DST #1 from 3508-3565' recovered with few specks of oil. IFP:88-99#/30"; ISIP:1191#/30"; FFP:132-143#/30; FSIP:1170#/30".	180'	muddy wtr		
DST #2 from 3593'-3626' recovered (72' gas, 337' oil, 73' mud, 229' water) IFP:132-198#/30"; ISIP:1256#/45"; FFP:242-297#/30"; FSIP:1256#/45".	712'	oil cut mud		
DST #3 from 3626'-3668' recovered with very slight show of oil IFP:143-463#/30"; ISIP:811#/45"; FFP:528-670#/45#; FSIP:811#/45".	1332'	salt wtr.		
DST #4 from 3668'-3684' gas to surface in 90". Recovered 1379' gassy oil. IFP:143-286#/30"; ISIP:1050#/30"; FFP:363-485#/45"; FSIP:1017#/30".			LOG TOPS	
			Anhydrite	1768' (+ 565)
			B/Anhydrite	1814' (+ 519)
			Topeka	3351' (-1018)
			Heebner	3564' (-1231)
			Toronto	3584' (-1251)
			Lansing	3600' (-1267)
			B/KC	3851' (-1518)
DST #5 from 3693'-3701' recovered with a few specks of oil. IFP:44-154#/30"; ISIP:1061#/30"; FFP:198-264#/30"; FSIP:1061#/30".	516'	muddy water	Marmaton	3920' (-1587)
			Arbuckle	4015' (-1682)
			LTD	4022' (-1689)
			RTD	4024' (-1691)
DST #6 from 3727'-3802' recovered IFP:77-154#/30"; ISIP:1158#/30"; FFP:187-253#/30"; FSIP:1104#/30".	426'	muddy wtr.		
DST #7 from 3797'-3847' recovered IFP:66-66#/30"; ISIP:363#/30"; FFP:66-66#/30"; FSIP:297#/30".	5'	md, no show.		
DST #8 from 3926'-3968' recovered IFP:66-82#/30": ISIP:832#/30"; FFP:110-137#/30"; FSIP:821#/30".	285'	muddy oil.		

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

Date Received	 Signature	
	F. JUDSON HIPPS, Geologist Title	
	April 30, 1981 Date	

8588

WELL LOG

State Geological Survey
WICHITA, BRANCH

COMPANY A. Scott Ritchie

SEC. 35 T. 11S R. 22W

FARM Hillman

NO. 1

LOC. 330' FWL & 440' FSL NE/4

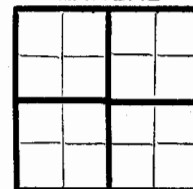
RIG. NO. 16

TOTAL DEPTH 4024'

COMM. 1-30-81

COMP. 2-11-81

COUNTY Trego
KANSAS



CONTRACTOR Murfin Drilling Company

CASING

20 10
15 8 -5/8" @ 173' w/160 sx. Common Quickset
12 6
13 5
4 1/2" @ 4020' w/200 sx. 60-40 Posmix
FIGURES INDICATE BOTTOM OF FORMATIONS

ELEVATION n/a

PRODUCTION

Sand	140'
Shale	174
Sand & Shale	1778
Anhydrite	1817
Shale	2110
Shale & Lime	2620
Shale	2900
Shale & Lime	3410
Lime & Shale	3532
Shale & Lime	3680
Lime	3684
Shale & Lime	3710
Lime & Shale	3760
Shale & Lime	3925
Lime	3968
Lime & Shale & RTD	4024

RECEIVED
STATE CORPORATION COMMISSION

MAR 10 1981