

KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOGAPI No. 15 — 195 — 20,846  
County NumberState Geological Survey  
WICHITA BRANCH

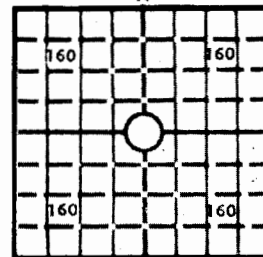
S. 35 T. 11S R. 22 W

Loc. App. C W/2 W/2 NE/4

County Trego

640 Acres

N



Locate well correctly

Elev.: Gr. 2325'

DF KB 2330'

Operator

A. Scott Ritchie

Address

125 N. Market, Suite 950 Wichita, Kansas 67202

Well No.

2

Lease Name

Hillman

Footage Location

1220

feet from (S) line

330'

feet from (W) line

Principal Contractor

Murfin Drilling Company

Geologist

Galen Babcock

Spud Date

7/18/81

Date Completed

8/25/81

Total Depth

4030'

P.B.T.D.

3831'

Directional Deviation

Oil and/or Gas 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 1/4"	8-5/8"	24#	169'	common quickset	165	
production		4 1/2"	10.5#	3856'	60/40 poz	175	10% salt 10 bbls. prine pre-flush

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	SSB	3737'-3741'
			1	3/8"	3674', 3662', 3653'
			2	SSB	3672'-3677'
			2	SSB	3658'-3664'
					3648'-3654'

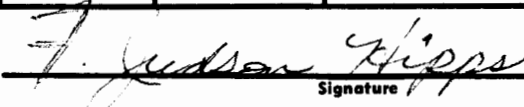
## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized with 800 gal. of 28% acid	3737'-3741'
Acidized with 2800 gal. of 28% acid	3674', 3662', 3653'

## INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)			
8/22/81	Swabbed (will be pumping)			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	30 bbls.	MCF	0 bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)	
			3737'-3741'	

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.:	
Well No. 2	Lease Name Hillman	Oil	
S 35 T 11 S R 22 <del>XX</del> W			
<b>WELL LOG</b>		<b>SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.</b>	
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	NAME
			DEPTH
DST #1 from 3567'-3604' (Top zone). Gas to surface in 20". Too small to measure. Recovered 2755' of clean oil and 120' of slightly muddy oil, 5% water. IFP:197-753#/30"; ISIP:1175#/30"; FFP:418-1012#/30"; FSIP:1175#/30".		ELECTRIC LOG TOPS	
		Anhydrite 1762' (+ 568) B/Anhy 1806' (+ 524) Topeka 3330' (-1000) Heebner 3534' (-1205) Toronto 3555' (-1225) Lansing 3572' (-1242) B/KC 3817' (-1487) Marmaton 3888' (-1558) LTD 4025' (-1695)	
DST #2 from 3602'-3642' (35' & 50' zones). Recovered 12' mud. IFP:32-32#/30"; ISIP:43#/30"; FFP:32-32#/30"; FSIP:43#/30".			
DST #3 from 3642'-3660' (70' zone). Recovered 225' of gas in pipe and 495' of slightly mud cut oil. IFP: 65-142#/30"; ISIP:471#/30"; FFP:175-197#/30"; FSIP:471#/30".			
DST #4 from 3664'-3704' (90' & 100' zones). Recovered 1605' of clean oil and 120' of slightly mud cut oil. IFP:142-427#/30"; ISIP:1056#/30"; FFP:482-655#/30"; FSIP:1045#/30".			
DST #5 from 3700'-3778' (140', 160', & 180' zones). Recovered 580' gas in pipe, 80' slightly oil cut mud, 486' oil cut mud to muddy oil. IFP:120-219#/30"; ISIP:991#/30"; FFP:252-274#/30"; FSIP:948#/30".			
DST #6 from 3775'-3830' (200' & 225' zones). Recovered 8' of drilling mud. IFP:54-65#/30"; ISIP:109#/30"; FFP:54-65#/30"; FSIP: 76#/30".			
DST #7 3894'-3935' (Marmaton). Recovered 5' mud. IFP:65-76#/30"; ISIP:131#/45"; FFP:65-76#/30"; FSIP: 76#/45".			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: right;">   Signature  F. Judson Hipps. Geologist  Title  1/12/82  Date </div>		

89856

# WELL LOG

State Geological Survey  
WICHITA BRANCH

COMPANY A. Scott Ritchie

SEC. 35 T. 11S R. 22W  
LOC. C W/2 W/2 NE/4

FARM Hillman NO. 2

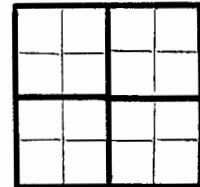
RIG. NO. 16

TOTAL DEPTH 4030

COUNTY Trego  
KANSAS

COMM. 7-18-81 COMP. 7-28-81

CONTRACTOR Murfin Drilling Company



## CASING

20 10  
15 8-5/8" @169 w/165 sx Common Quickset  
12 6

ELEVATION 2323 GR

13 5  
4 1/2" @ 3850 w/175 sx 60-40 Pozmix, 10% Salt

## PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Post Rock & Sand	140
Shale	340
Sand & Shale	1762
Anhydrite	1810
Shale	2350
Shale & Sand	2915
Shale & Lime	3595
Lime	3604
Shale & Lime	3660
Lime	3704
Lime & Shale	3890
Lime & Chert	3935
Lime RTD	4030