

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCHAPI No. 15 — 121 — 20,361
County Number

Operator

Jack Sanders

Address

Box 96 Wellsville, Kansas 66092

Well No.

#S-4

Lease Name

Huffman

Footage Location

1120 FSL: 200 FEL-KCCC

1320' feet from (N) (S) line 200'

feet from (E) (W) line 200'

Principal Contractor

Kent Drilling Co.

Geologist

Spud Date

Feb. 16, 1976

Total Depth

695

P.B.T.D.

659

Date Completed

Feb. 20, 1976

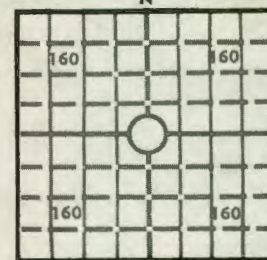
Oil Purchaser

Town Oil Co.

S. 23 T. 16 R. 21 E

Loc. SW NW NE — SC NE NE

County Miami

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
Production	6 1/4	4 1/2	9.5	695	Bulk	100	2 sacks Jell 4 sacks Salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
0		

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
1	Glass	659 to 668

TUBING RECORD

Size	Setting depth	Packer set at
2"	657'	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
50 gal. 15% Acid, 60 sacks sand with 130 bbls water	659 to 668

INITIAL PRODUCTION

Date of first production March 20, 1976		Producing method (flowing, pumping, gas lift, etc.) Pumping			
RATE OF PRODUCTION PER 24 HOURS		Oil 9 bbls.	Gas 0 MCF	Water 5 bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Vented				Producing interval (s) 659 to 687	

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		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:		
Well No.	Lease Name			
S _____ T _____ R _____ E 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
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	Jack M. Sanders Signature Owner Title 6-9-76 Date			

Feb. 22, 1976

23-16-21 E

JACK SANDERS
HUFFMAN 3-4

9	Soil & clay	9	4" set @ 693 & cemented to surface.
5	Lime	14	
6	Shale	20	659 to 661.50 dry oil sand.
12	Lime	32	
7	Shale	39	661.50 to 664 good oil sand & good bleeding.
14	Lime	53	
35	Shale	63	
18	Lime	104	664 to 665 broken oil sand.
85	Shale	189	
19	Lime	208	665 to 667 good oil sand good bleeding.
30	Shale	238	
11	Lime	249	
15	Shale	264	667 to 669.50 broken oil sand.
4	Lime	268	
9	Shale	277	669.50 to T.D. sandy shale.
14	Lime	291	
16	Shale	307	
26	Lime	333	
8	Shale	341	
20	Lime	361	
4	Shale	365	
4	Lime	369	
3	Shale	372	
5	Lime	377	
166	Shale	543	
9	Lime	552	
32	Shale	584	
6	Lime	595	
14	Shale	609	
20	Lime	629	
29	Shale & shells	658	
11	Oil sand	669	
26	Sandy shale	693 T.D.	