

# State Geological Survey WICHITA, BRANCH

## KANSAS DRILLERS LOG

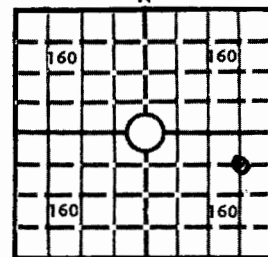
**IMPORTANT**  
Kans. Geo. Survey request  
samples on this well.

S. 30 T. 15 R. 8 E W

Loc. C NE SE

County Ellsworth

640 Acres  
N



Locate well correctly

Elev.: Gr. 1566

DF 1569 KB 1571

API No. 15 — 053 — 20,386  
County Number

Operator

Ilus Industries, Inc.

Address

Kanopolis, Kansas 67454

Well No.

#1

Lease Name

Huseman

Footage Location

1980 feet from (N) (S) line 660 feet from (E) (W) line

Principal Contractor

Red Tiger Drilling Co.

Geologist

Toby Elster

Spud Date

Oct. 3, 1974

Total Depth

3,000

P.B.T.D.

2688

Date Completed

Pending

Oil Purchaser

Pending

### 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 1/8"	8 5/8"	24#	226.14'	Common	175	3% cc, 2% gel
Production		4 1/2"		2726	Posmix	125	60-40 Posmix

### LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
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### PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
3	Jet	2609 - 12

### TUBING RECORD

Size	Setting depth	Packer set at
2"	2610	None

### ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
None	

### INITIAL PRODUCTION

Date of first production  
Pending

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

RATE OF PRODUCTION  
PER 24 HOURS

Oil

bbls.

Gas

MCF

Water

Gas-oil ratio

bbls.

CFPB

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

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

Ilus Industries, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:

Oil

Well No.

1

Lease Name

Huseman

S 30 T 15 R 8 <sup>XXX</sup>  
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

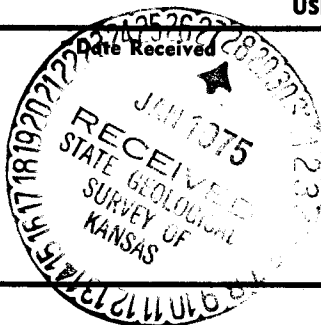
BOTTOM

NAME

DEPTH

Geological report &amp; Drilling time log enclosed.

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



*Arthur R. Shively*  
Signature

Assistant Secretary

Title

Nov. 25, 1974

Date

# Toby Elster

GAS AND OIL EXPLORATION AND DEVELOPMENT  
CONSULTING GEOLOGIST

1313 Union ~~WICHITA~~ National Bldg  
WICHITA, KANSAS 67202

OFF: 316-263-0542  
RES: MU 5-7668

October 25, 1974

## COMPLETION REPORT

ILUS INDUSTRIES, INC.

Huseman No. 1

CNE SE, Sec. 30 - T 15 S - R 8 W  
Ellsworth County, Kansas

Data: Elevation 1571 RB  
1566 GL  
Lansing 2519 (-948)  
RTD 3000'

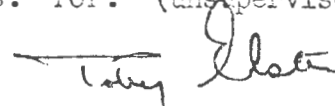
4 1/2" csg @ 2725 w/125 sxs  
Top float @ 2688 (Welex)  
Top cement -- unknown

October 21, 1974: Rigged up Woods Well Servicing tools. Measured in to 2605 and flagged. Swabbed out water to approximately 2625. Ran correlation log and collar locator (Welex) from 2688 (total depth) to 2000 feet. Perf 10s/2609-12.

Had a show of gas in a couple minutes. Ran swab and recovered approximately 90' oil, trace mud and water. Ran swab again and recovered approximately 50' of the same. Ran swab after 30 min and recovered about 100' of the same. Making gas throughout. Shut well in with orbit valve overnight. Rig time 11 hrs.

October 22, 1974: Had 2000' fill up overnight. About 50% oil. Swabbed oil into tank truck and recovered about 15 BO. Swabbed water into pits. Swabbed down to bottom in about 2 hrs. Swabbed into tank truck for 3 hrs pulling swab once an hour. Recovering approximately 150' fluid per pull or about 2 BF--mostly oil with some water. Estimated recovery was over 5 BF in 3 hrs about 80-85% oil. Making gas throughout. Decided not to acidize and make a natural completion. Rigged up to run tubing and rods. Rig time 10 hrs.

October 23, 1974: Ran tubing and rods. POP. (unsupervised).

  
Toby Elster

KANEX OIL, INC.  
4121 WEST 83RD STREET  
PRAIRIE VILLAGE, KANSAS 66208

JOHN I. WILLHAUCK, JR.  
President

July 15, 1981

(913) 341-9771

#1 HUSEMAN RECOMPLETION

C NE SE  
30-15S-8W  
Ellsworth County, Kansas

Well has been producing since 1974 from perforations in the Lansing. Production has declined to 80 mcf per day.

Monday, June 29, 1981:

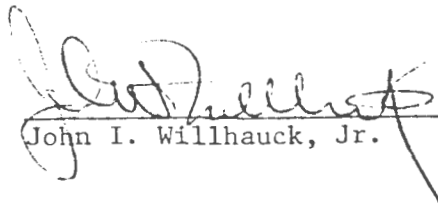
Moved in Stevens Well Service double drum, Junior - operator. Pulled pump, rods and tubing. Electra on location. Perforated the Lecompton 2270' to 2280'. 20 shots D.P. jets.

Ran an anchor and seating nipple, nine joints of tubing then land Otis packer in production string. Ran rest of tubing. Set packer at 2308' in compression. To release packer, make 1/4 turn to right and pick-up.

Halliburton on location prepared to acidize with 500 gallons of 28% HCL, 2,000 gallons 15% HCL with HC-2. Acid will be displaced with gaseous nitrogen. Nitrogen truck hooked to annulus and pressured well up to 1,000 pounds. No break. Injected five barrels 28% and well broke. Finished injecting balance of acid at 1,000 p.s.i. I.S.I.P. 1,100 pounds. Laid steel flow line to pits and blew well down. Showing an abnormal amount of drilling mud. Left well blowing in the pit overnight.

Tuesday, June 30, 1981:

8:30 a.m. Well still blowing into pits showing natural gas and a spray of water. Estimated 150,000 cubic feet of gas per day. Ran rods and pump. Put well back on pump. Tore down double drum at 2:30 p.m.

  
John I. Willhauck, Jr.

ILUS INDUSTRIES, INC.  
EXECUTIVE BUILDING SUITE 128  
4121 WEST 83RD STREET  
PRAIRIE VILLAGE, KANSAS 66208

JOHN I. WILLHAUCK, JR.

DO NOT REMOVE  
PERMANENT WELL FILE

913-341-9770

RECOMPLETION REPORT

Huseman #1  
Section 30, T 15 S, R 8 W  
Ellsworth County, Kansas

Sunday-June 5, 1977

Well shut in overnight. Was producing 7 BO, 22 BW and 200 MCFG per day from perforations. 2609-12 in Lansing

Monday-June 6, 1977

Well had 500 PSI on casing. Would not bleed down. Instant SIP 480 PSI.

Moved in and set up Woods Well Service double drum unit-Willis operator.

Brackeen line cleaning service. Claflin called in and well killed with fresh water at 11:00 A.M.

Rods would not pull-paraffin buildup. Brackeen gave hot oil treatment. Well kicking back oil, hot water and paraffin.

Rods and pump out at 5:00 P.M. Worked crew overtime and tubing out at 6:45 P.M. Orbit valve installed and well shut in for night.

Tubing pulled	2603.40	2"
	10.30	Subs
	16.88	Anchor and Seating nipple

4 Joints of tubing bent up by tongs.

Tuesday-June 7, 1977 8:30 A.M.

Orbit valve leaking. Well blowing oil all over rig and location. Brackeen called at 8:10--well killed at 9:15.

Electra in hole at 9:30 to perforate. Collar locator would not function consistently. Back out of hole twice to replace components. Tried to drop past old perms to check location but shot strip would not pass because of paraffin build-up.

Checked anchor and only top 3 feet was perforated with 1/4 inch holes-totally plugged with paraffin and salt. Sent to town and had nickel sized holes burned in full length and paraffin melted out.

RECOMPLETION REPORT

Huseman #1

Page 2 of 2 Pages

DO NOT REMOVE  
PERMANENT WELL FILE

Tuesday-June 7, 1977 (Cont'd.)

Electra perforated at 11:30 A.M. 22 DP Jets. 2549-58 2562-64

Loaded hole with water, kept truck hooked up and started in with tubing. String set up: 16 foot anchor with closed end. Halliburton packer rubber down, seating nipple, disc in second joint of tubing, no subs. Tubing in at 2:30 and packer ready to set in compression (set down) at 2603.99 above lower perms. Turn left to seat packer, right to release. Swab run down tubing and disc fractured.

2:40 P.M. Halliburton (Larry) hooked up to well and injected 6 barrel 28% retarded acid into annulus with 50 gallon water over-flush to put acid on formation. Packer set and tubing head buckled up. To 500# acid would not go. More water than estimated in annulus. Two more tries releasing and setting packer before acid on perms. Lower zone making small amount of gas up the tubing.

4:20 P.M. Acid fell into formation at not over 300 pounds. Injection rate in excess of 300 GPM. Overflushed with 50 barrel water. Annulus shut in to leave acid on bottom overnight. Total acid used 2,000 gallon, 28% retarded.

5:00 P.M. Hooked up Brackeen to give hot oil treatment to lower zone thru tubing and also to clean 4" welded lead line to tank battery. To take 1" choke off wellhead.

Left location to return to Kansas City.

Wednesday-June 8, 1977

10:50 A.M. Marvin Schneider called. This morning no pressure on tubing. 150# on casing. Annulus blew down without making fluid. Annulus shut back in. Woods rigging up to swab thru tubing.

11:55 A.M. Schneider called again. Annulus kicked itself off and flowing wild full stream into swab tank.

Annulus flowed until 4:00 P.M. 100 BBL fluid recovered in swab tank. Annulus shut in for night.

Woods swabbed tubing. 10 or 12 pulls. Well kicked off flowing oil, gas and water. Tubing tied into 4" lead line and shut in for night. 1" choke moved from wellhead to in front of separator at tank battery.

Thursday-June 9, 1977

8:30 AM	Tubing Pressure	750#
	Annulus Pressure	640#

Tubing turned into flow line. Unloading slugs of oil and gas into separator. To produce tubing over weekend. Choke showing signs of beginning to freeze up.

-----END-----

# Toby Elster

GAS AND OIL EXPLORATION AND DEVELOPMENT  
CONSULTING GEOLOGIST  
1313 UNION NATIONAL BLDG.  
WICHITA, KANSAS 67202

OFF: 316 - 263-0542  
RES: 316 - 685-7668

Ilus Industries, Inc.  
Huseman No. 1  
Sec. 30-15S-8W  
Ellsworth County, Kansas

## Reacidization Workover Report

June 2, 1975: Moved in (Woods Well Service) started to pull rods. Well unloading and gasing over unit. Had to kill well with 40 BW. Acidized (Halliburton) down annulus with 750 gals Mod 202-20% acid, followed by 250 TLC plugging material then 1250 gals more acid and overflushed with 29 bbls formation water. Displaced fluid in the annulus @ 8 BFPM and 100#. Acid on formation and no change, TLC on formation and pressure increased to 500#, acid on formation and slight pressure break to 400#. Acid and overflush in at same rate (8 BFPM) and same pressure. Shut pump down and immediate pressure drop to 50#. Pumped 10 BW down tubing to displace any acid in tubing. Well on vacuum. Total fluid 158 Bls.

Couldn't swab back because of parafin in tubing. To clean out in AM.  
Shut down overnight--9 hrs unit time.

June 3, 1975: Tubing on vacuum, casing pressured up. Dumped 30 bls hot water down tubing. Ran swab to bottom; had fluid at 1200'. Swab wouldn't go a second time. Dumped another 10 bls hot water and cleaned swab cups. Swabbed twice more and well kicked off flowing gas, oil and water. Died after 35 min. Ran swab twice more and well kicked off again then died. Ran rods and well flowing gas, oil and water. Got rods in, hooked up the well and started pumping. Estimated recovery of acid and load water about 75 to 100 BW. (Total fluid in about 198 bls; 125 to 100 bls to recover load water).

9 hrs unit time.

  
Toby Elster

cc: Kanopolis Office



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WICHITA, KANSAS 67202

OFF: 316 263-0542

RES: MU 5-7668

ILUS INDUSTRIES, INC.  
Huseman #1

Acid Treatment; perfs @ 2609-12.  
Monday, March 31, 1975  
Halliburton Company

Shut well in and let tubing pressure up to 375# then shut the well down. Disconnected the annulus and connected the acid truck to acidize perfs @ 2609-12 with 1500 gals 15% acid. (36 bls acid, annulus capacity 27 bls). Initial pressure 190# and started acid down annulus @ 0.6 BPM holding 200#. Displaced fluid in annulus with steady pressure increase to 350# then remained constant at 350# with 0.6 BPM injection rate. Acid on perfs and then slow decline in pressure; increased injection rate to 2 BPM @ 250#. Had a slight pressure decrease to 190# with all acid in and start of overflush of 54 Bls formation water; injection rate 2 BPM. Pressure started to increase with 45 bls flush in and at 50 BW pressure increased to 250# at 2 BPM. Stopped pump, initial pressure 200#, 0#/5 min. Tore down and rehooked well up. Treating time 2 hrs and 10 min. Put well back on pump. Total fluid in well 86 Bbls.

  
Toby Elster

4/3/75  
Huseman - made 31 kls oil in 18 hrs + 50 kls water -  
110 kls water so far - 30 kls used in treatment  
4/4/75 20 kls lost 2 hrs - + 20 kls water -  
4/7/75 Sat 22.4 BO est 18 1/2 BW/D little more gas.  
Sun 32.2 BO  
Mon 20.0 pumpdown -  
22 BO

little  
Huseman - est