

KANSAS

TIGHT HOLE  
PLEASE HOLD ALL INFORMATION CONFIDENTIAL

AUG 8 6 11

AUG

WELL COMPLETION REPORT AND  
DRILLER'S LOGS. 5 T. 16 R. 8 <sup>TEX</sup>W  
Loc. 1200' FWL-330' FSL-SW/4  
County EllsworthAPI No. 15 — 053 — 20,597  
County Number

Operator

Ilus Industries, Inc.

Address

4121 W. 83rd Street Prairie Village, Ks. 66208

Well No.

1

Lease Name

Hokr

Footage Location

330

feet from ~~XX~~ (S) line

1200

feet from ~~XX~~ (W) line

Principal Contractor

Emphasis Oil Operations

Geologist

Patrick L. Balthazor

Spud Date

6-13-80

Date Completed

6-22-80

Total Depth

2688

P.B.T.D.

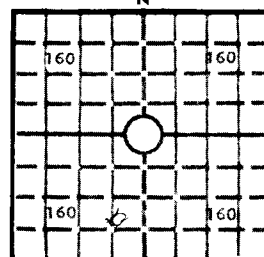
N/A

Directional Deviation

N/A

Oil and/or Gas Purchaser

Ilus Ind./Northern Natural

640 Acres  
N

Locate well correctly

Elev.: Gr. 1634

DF 1637 KB 1639

## CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set<br>(in O.D.) | Weight lbs/ft. | Setting depth | Type cement  | Sacks | Type and percent<br>additives |
|-------------------|-------------------|------------------------------|----------------|---------------|--------------|-------|-------------------------------|
| Surface           |                   | 8 5/8                        |                | 200'          | Common       | 140   | 3% cc., 2% gel.               |
| Production        |                   | 4 1/2                        |                | 2687'         | 60/40 Posmix | 140   |                               |
|                   |                   |                              |                |               |              |       |                               |
|                   |                   |                              |                |               |              |       |                               |

## LINER RECORD

## PERFORATION RECORD

| Top, ft.      | Bottom, ft.   | Sacks cement  | Shots per ft. | Size & type | Depth interval |
|---------------|---------------|---------------|---------------|-------------|----------------|
|               |               |               | 2             |             | 2334-44        |
| TUBING RECORD |               |               |               |             |                |
| Size          | Setting depth | Packer set at |               |             |                |
| 2 3/8         | 2325.43       |               |               |             |                |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
|                                  |                        |
|                                  |                        |
|                                  |                        |
|                                  |                        |

RELEASED

Date: JUN 4 1982

FROM CONFIDENTIAL

## INITIAL PRODUCTION

|                                                    |  |                                                     |                        |       |               |
|----------------------------------------------------|--|-----------------------------------------------------|------------------------|-------|---------------|
| Date of first production                           |  | Producing method (flowing, pumping, gas lift, etc.) |                        |       |               |
| RATE OF PRODUCTION<br>PER 24 HOURS                 |  | Oil                                                 | Gas                    | Water | Gas-oil ratio |
|                                                    |  | bbls.                                               | MCF                    | 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, 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 **Ilus Industries, Inc.** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: **Gas**

Well No. **1** Lease Name **Hokr**

S **5** T **16** R **8** ~~EX~~  
W

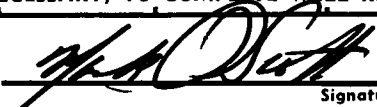
### WELL LOG

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 |
|---------------------------------------------------------------------------------------------------------------------|---------|--------|------|-------|
| White Cloud                                                                                                         | (-420)  |        |      |       |
| Howard                                                                                                              | (-484)  |        |      |       |
| Severy                                                                                                              | (-550)  |        |      |       |
| Topeka                                                                                                              | (-575)  |        |      |       |
| Heebner                                                                                                             | (-832)  |        |      |       |
| Douglas Shale                                                                                                       | (-863)  |        |      |       |
| Iatan                                                                                                               | (-938)  |        |      |       |
| Brown Lime                                                                                                          | (-948)  |        |      |       |
| Lansing                                                                                                             | (-963)  |        |      |       |
| 'F' Zone                                                                                                            | (-1037) |        |      |       |
| Total Depth                                                                                                         | (-1049) |        |      |       |
| <p><i>Records of DST Attached</i></p> <p><i>we are requesting that no information on this well be released.</i></p> |         |        |      |       |
| USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.                                                       |         |        |      |       |

Date Received

  
Signature

V.P.  
Title

*Aug 20, 1980*  
Date

*57415*

## WELL COMPLETION SKETCHES

N-5036-4-A

WELL

HOKR #1

FIELD

5-16s-8w

DATE



PRESENT COMPLETION



SUGGESTED COMPLETION

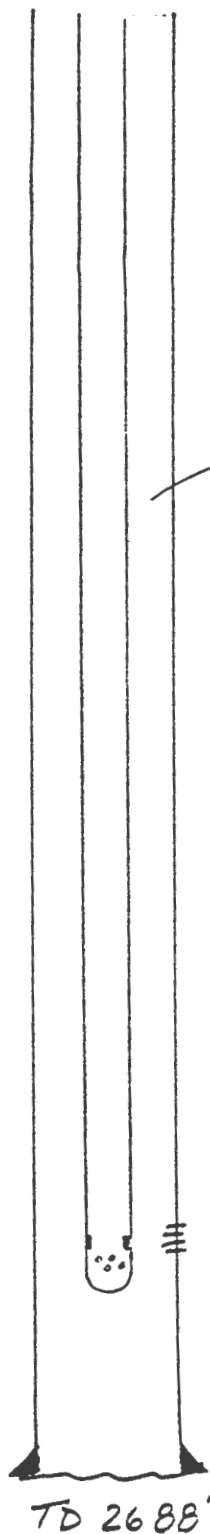
## PERMANENT WELL BORE DATA

## DATA ON THIS COMPLETION

SPUD 6-20-80

8<sup>5</sup>/<sub>8</sub> @ 200

TOC 2150' (Est)

Possible Douglas  
Perfs 2505?4<sup>1</sup>/<sub>2</sub> @ 2687' w/  
125 SXNo RECORD OF Tbg  
DEPTH 2<sup>3</sup>/<sub>8</sub>7/80 Lecompton 2334-44  
ACDZ w/ 750 G 15% MC.  
TEST 250-500 MCF  
ACDZ 1000 G 15% 3000 G 2  
TEST 1.5 MMCF/D

TD 2688'

**BRG****BRG Petroleum, Inc.**

Subject

120 W OF S1/2 S1/2 SW 5-165-8W

Well

HARD #1

Date

8-31-91

KR = 1639

85 1/2"  
@ 2420'TOC ST  
@ 2450' 60  
60Possible  
Pipes in  
DUGOUT  
@ 2525'TRG PITAL  
NOT REPORTED  
POSSIBLE PROBLEM  
IN HOLE?  
SHOULD BE 2 3/4'2334  
2344

LECOMPTON

4 1/2' @ 2687  
125 SK

TO 2688

WELL HISTORY

6-22-80

DAIL TO TD @ 2688, 4 1/2' @ 2687 1/2 125 SK.

7-22-80

PORE LECOMPTON 2334-44'. ACIDIZE DSD GEL  
15% HCL, TEST 2SD - 500 MCFD. ACIDIZE  
1000 GAL 15% + 3000 GAL 28% ACID.

FLOW 1-2 MMCFD.

AVG 145 MCFD 1ST 4 MONTHS ON LINE.

9-2-84

WELL MAKING 25% MCFD. MAINTENANCE TICKET  
SHOWS 500 GAL ACID WITH PROBLEM AT 2500'.INDICATES DOUGLAS OR LANSING PROBABLY  
OPEN, NO SIGNIFICANT PRODUCTION THERE  
THIS TIME.

8-31-91

WELL SE - NO PRODUCTION.

Hysell # 1

yes

400 MCF/Day

210 Gumbel

200 bbl Jumb Tanks

13-14 MMCF/MO

2" run baster meter

2 1/2 x 8 Vent Sep

Line heater - Jumb

HOKR # 1

NO

30 x 10' V Sep

2" run w/out meter

1- 50 bbl FG

1- 110 bbl FG

HOKR # 2

yes

24 x 6' Vent Sep

2" run baster meter

110 bbl FG tank

Mis Valves, fittings,  
meter, regulator etc

Griffin # 1 -

yes

2" run baster meter

Vent Sep Jumb

110 FG tank

Cemmanche Salu

H.P. . Sw 982 Am Gas dehydrator

3M Copy machine - Desk type

1- File Cabinet

Book Shelves

1- Desk

1- Chair (disgB)

1- Sofa

1- End table

1- Typewriter

1- " Stand

2- Folding chairs

1- Air Cond w. hi. pool - 2- 2 1/2 TA



HOKR#1

9-2-84

500 gal 15% MCA

1 BPM @ 100#

ISD - Vac

4 1/2 972 2680'

2" @ 2500 w/pacifier

7-22-80 Pt 2339-44' 750 gal 15% MCA

7-23-80 A1000 15% + 2000 gal 28% 5 BPM @ 300#

7-24-80 Kill well

ISD 200#

INITIAL FILE NOTES  
COMMANCHÉ

HOKR #1

RTD - 2688 - 6/23/80

4 1/2" - 2687'

DST'S - 2500-2525, + 2634-35

DEER CREEK LIME PERES - 2334'-44' 2/FT  
<sup>LECOMPTON</sup>

ACID - 750 15% 3 BPM 250 MCFPD

ACID Retreat - 1000 GAL, + 3000 GALS.

AFTER Retreat - ~~1-2~~ MMCFPD.

TBG - 8' M.A., S.W., 74 ITS 2 3/8"

TBG SET - 2363' APPROX?

NOTE: (~~THE LOG SHOWS LECOMPTON PERES~~  
~~2325'~~ - SCURRY SAND + DOUGLAS  
TO BE COMPLETED YET!)

9/2/84 - HALLIBURTON TICKETS SHOW  
500 GAL ACID JOB THRU TBG  
+ PACKER SET @ 2500'. NO RECORDS  
PROBABLY DOUGLAS OR LANS.  
REWORK. POSSIBLE PACKER  
STILL IN HOLE.



HOLE #1

8-31-91 - WELL IS CURRENTLY ST AND LOGGED B.P. PROBABLE WATER FROM DOUGLAS WHICH MAY BE PORE. NEED TO FIRST SWAB TEST CURRENT ZONE, PULL TBL TO SEE WHAT WE HAVE. THEN POSSIBLY RUN GR-CBL TO TRY TO LOCATE PORE WITH CEMENT LOG AND ALSO FIND TOL FOR POSSIBLE SWABbing SAND TEST.

PROCEDURE

- 1) SWAB TEST CURRENT ZONE. RUN PERMEAMETER TO LOCATE TS. NOTE IF TS IS BELOW 2300'.
- 2) IF NOT COMMERCIAL, THEN PULL TBL AND PUMP. TRY TO SEE WHERE SET. IF APPEARS DOUGLAS IS OPEN, RUN PMA WITH BULL PLUG AND PUMP SWAB ABOVE PMA. SET PMA @ 2400. SWAB TEST LOCATOR UP TBL.
- 3) IF UNECONOMIC, CONSIDER TESTING SWABbing SAND 2200-06'. NEED TO RUN CBL BEFORE PMA.
- 4) MAY WANT TO RUN GR-NEW LOG TO LOOK AT PORE UNDER + WHITE CROWN?

BJL

8/31/91