

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
500 INSURANCE BUILDING  
212 NORTH MARKET  
WICHITA 2, KANSAS

WELL PLUGGING APPLICATION FORM  
File One Copy

Lease Owner Drillers-Producers Pipe & Supply Co., Inc. 15-179-05230-00-00  
(Applicant)  
Address Box 368, Great Bend, Kansas

Lease (Farm Name) L. H. Wessel Well No. 3

Well Location NE SW SW Sec. 22 Twp. 6 Rge. 29 (E) (W)

County Sheid Sheridan Field Name (If any) \_\_\_\_\_

Total Depth 4143 Oil Well  Gas Well \_\_\_\_\_ Input Well \_\_\_\_\_ SWD Well \_\_\_\_\_ D & A \_\_\_\_\_

Was well log filed with application? yes If not, explain: \_\_\_\_\_

Date and hour plugging is desired to begin September 16, 1959

Plugging of the well will be done in accordance with the Rules and Regulations of the State Corporation Commission.

Name of person on the lease in charge of well for owner Southwest Casing Pulling Co., Inc.

Address Box 364, Great Bend, Kansas

Plugging Contractor Southwest Casing Pulling Co., Inc. License No. 399

Address Box 364, Great Bend, Kansas

Invoice covering assessment for plugging this well should be sent to \_\_\_\_\_

Southwest Casing Pulling Co., Inc. Address Box 364, Great Bend, Kansas

and payment well be guaranteed by applicant.

RECEIVED  
STATE CORPORATION COMMISSION

SEP 11 1959 9-11-59

PLUGGING  
CONSERVATION DIVISION  
WICHITA, KANSAS

File Sec. 22 Wichita, Kansas

Book Page 2 Line 37

Signed: Roy L. Myers Sec. Treas.  
Applicant or Acting Agent

Date: September 10, 1959





February 15, 1954

Westpan Hydrocarbon Company  
418 Polk Street  
Amarillo, Texas

Gentlemen:

This report with detail information is on your:

# 3 L. H. Wessel  
NE SW SW 22-6-29W  
Sheridan County Kansas.

Was present on this well through the rotary drilling from 3500 to 4140 total depth. Examined all drill cuttings through these depths.

The following compilation is the interpretation of combined sample analysis, drill time and electric logs.

(All Figures Rotary Bushing)

Elevation 2820

|  |           |                                      |
|--|-----------|--------------------------------------|
| In Wabaunsee Group (Tarkio).....       | 3610-3613 | Dolomitic porosity. Dark oil stains. |
| Howard Lime - No oil stains -.....     | 3698-3707 | Good por. Dolomitic in part.         |
| Top Topeka Lime .....                  | 3717      | Datum -897. 5' lower #2 L.H.Wessel   |
| Good porosity. Dark oil spots.....     | 3834-3844 | Pinpoint and dolomitic               |
| Good porosity. Oil Stain in part....   | 3863-3871 | Pinpoint semi-oolicastic dolomitic.  |
| Heebner shale .....                    | 3906-3910 | Black carbonaceous shale.            |
| Top Toronto Lime .....                 | 3932      | Datum -1112. 1' lower #2 L.H.Wessel. |
| Slight porosity. Dark oil stains ...   | 3935-3938 | Small vugular, dolomitic spots.      |
| Base Toronto Lime .....                | 3939      |                                      |
| Top Lansing Group .....                | 3944      | Datum -1124. 1' lower #2 L.H.Wessel. |
| Fair porosity. Dark oil stains.....    | 3947-3949 | White inter-xline.                   |
| "      "      "      "      "      "   | 3960-3962 | Dolomitic spots.                     |
| Good porosity. Oil stains .....        | 3975-3978 | Dolomitic, pinpoint (Plattsburg.)    |
| Fair porosity. Dark oil stains....     | 3987-3989 | Dolomitic spots (Plattsburg.)        |
| Good      "      Slight oil stain..... | 3996-3997 | Semi-oolicastic (      "      )      |

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#3 L. H. Wessel  
22-6-29W

Top Wyandotte Lime..... 4014 Datum -1194. 2' lower #2L.H.Wessel  
fair porosity. Dark oil stains ..... 4015-4021 Spotted, small vugular.  
Few "grease spots".

(1) Drill Stem Test..... 3998-4020 Open 1 hour S.I.P 15 min.  
Extremely light blow for ten minutes and quit.  
Recovery 90 feet mud. Good show oil in top.  
Flow Pressure 0# B.H.P. 205# Hydrostatic 1872#

Base Wyandotte Lime..... 4024  
The Wyandotte produces in two wells in the pool.  
There is a fair "lime" development in this well and this zone should be tested  
before it's final abandonment. The lime is not so shaly here as in most cases.

Top Winterset Lime..... 4099 Datum -1279 4' low to #2 L.H.  
Fair porosity. Light oil stains..... 4100-4103 Dolomitic inter-xline.  
Very slight porosity. " " ..... 4107-4110 Dolomitic spots.

(2) Drill Stem Test..... 4074-4110 Open 30 min. S.I.P. none  
Losing mud very slowly - leaking by packer.  
Recovery 540 feet drilling mud. Test failed.  
Packers did not hold. Used dual packers.

(3) Drill Stem Test..... 4070-4110 Open 20 min. S.I.P. none  
Losing mud very slowly - leaking by packer.  
Recovery 480 feet drilling mud. Test failed.  
Packers did not hold. Used dual packers.  
Drill ahead with rotary tools.

Base Winterset Lime..... 4111 Thickness of lime 12 feet.

Rotary total depth..... 4110 Drillers.  
Rotary total depth..... 4135 Schlumberger.

S.L.M. Drill pipe when laid down..... 4113.05

5 1/2" casing 14# cement w/160 sax..... 4112.41

Respectfully submitted,

*Richard C.M. Foley*

Richard C.M. Foley

cc:  
R.E. Mullin  
Kansas City, Mo.

J.L. Haines  
Great Bend, Kansas

BIT RECORD

| <u>RUN NO.</u> | <u>SIZE BIT</u>  | <u>MAKE BIT</u> | <u>TYPE CONE</u> | <u>SERIAL NO.</u> | <u>DEPTH</u> | <u>FOOTAGE</u> | <u>HRS.RUN</u>   | <u>PTS.WGT.</u> | <u>PUMP PRESS.</u> | <u>RPM</u> | <u>REMARKS</u> |
|----------------|------------------|-----------------|------------------|-------------------|--------------|----------------|------------------|-----------------|--------------------|------------|----------------|
|                | 12 $\frac{1}{4}$ | CP              |                  | Re-tip            | 0- 262       | 262            | 8                | All             | 200#               | 125        | Surface hole   |
| 1              | 7-7/8            | Hughes          | OSC 3J           | 25667             | 262-1855     | 1593           | 22 $\frac{1}{2}$ | 20              | 450#               | 110        |                |
| 2              | "                | "               | OSCJ             | 16458             | 1855-2480    | 630            | 14 $\frac{1}{4}$ | "               | "                  | "          |                |
| 3              | "                | "               | "                | 24097             | 2480-2860    | 375            | 16 $\frac{1}{2}$ | 28              | 475#               | 100        |                |
| 4              | "                | "               | OSC              | 18886             | 2860-3245    | 385            | 18 $\frac{1}{4}$ | 25              | 450#               | "          |                |
| 5              | "                | "               | "                | 18733             | 3245-3450    | 205            | 15 $\frac{1}{4}$ | 28              | 500#               | "          |                |
| 6              | "                | "               | "                | 18974             | 3450-3875    | 425            | 34 $\frac{1}{4}$ | "               | "                  | "          |                |
| 7              | "                | "               | OSQ              | 20252             | 3875-4020    | 145            | 18               | "               | "                  | 85         |                |
| 8              | "                | "               | W7               | 13768             | 4020-4110    | 90             | 13               | "               | "                  | "          |                |
| 9              | "                | "               | OSQ              | 99781             | 4110-4140    | 30             | 3 $\frac{1}{2}$  | "               | "                  | "          |                |

Westpan Hydrocarbon Co.  
 # 3 L. H. Wessel  
 NE SW SW 22-6-29W  
 Sheridan County, Kansas

Zero Point - 5.33 above Braden Head for rotary  
 bushing datum.

CONTRACTOR: Bill Hay Drilling Co.  
 371 West 3rd Street, Tel. 843  
 Hoisington, Kansas  
 TOOL PUSHER: E. L. Browning  
 DRILLERS: Chet Lacy-E. G. Halcomb-S.T. Holcomb

START DRILL: Sept. 21, 1953  
 COMP. DRILL: Oct. 2, 1953

SURFACE PIPE: 8 5/8 at 256.29 w/160 sax 9-21-53, 7:15 P.M.  
 CENTRALIZERS: 3970-4006-4037-4108-4132  
 CASING: 5 $\frac{1}{2}$ " 14# set at 4142.42 cement 160 sax.  
 FLOAT COLLAR: 4108.06 Bottom joint over all 34.35'.  
 CASING COLLARS: 4076.98-4045.25-4013.93-3982.23-3950.27-  
 3922.91-3891.23

TYPE RIG:..... Wilson Giant (Road Air)  
 TYPE POWER:..... General Motors (2)  
 "Train 671" 250HP each  
 TYPE PUMP:..... Bethlehem G.E. 1  
 SIZE PUMP:..... 7 x 14 SPM 54  
 TYPE FUEL:..... Kerosene & Diesel  
 WATER SUPPLY:..... Water Well 128'. 30 BWP  
 TYPE MAST:..... Lee C. Moore 87'(slim hole)  
 TYPE ROTARY TABLE:.. Bethlehem Cumbo Buster  
 WEIGHT INDICATOR:... Martin Decker "Clipper"  
 SIZE DRILL PIPE:.... 4 $\frac{1}{2}$ " full hole

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15-179-05230-00-00

Westpan Hydrocarbon Co.  
 # 3 L. H. Wessel  
 NE SW SW 22-6-29W  
 Sheridan County Kansas

DRILL TIME RECORD

(All Figures Rotary Bushing Datum)

| <u>DEPTH</u> | <u>MINUTES PER FOOT</u> | <u>REMARKS</u>                            |
|--------------|-------------------------|---|
| 3500-3510    | 5-4-6-6-4-4-3-4-3-2     | Pump pressure 400# R.P.M. 110             |
| 3510-3520    | 4-5-4-4-3-4-4-4-3-3     |   |
| 3520-3530    | 3-4-3-4-8-6-11-7-6-5    |   |
| 3530-3540    | 5-5-3-4-4-5-6-6-9-7     |   |
| 3540-3550    | 7-7-4-5-4-4-6-9-7-8     |   |
| 3550-3560    | 7-4-2-6-6-7-7-9-7-7     |   |
| 3560-3570    | 7-5-5-8-9-6-8-7-7-4     |   |
| 3570-3580    | 6-4-7-4-5-5-4-4-4-3     |   |
| 3580-3590    | 5-5-4-4-5-5-6-9-7-7     |   |
| 3590-3600    | 8-5-5-4-5-5-6-5-5-4     |   |
| 3600-3610    | 4-7-4-3-2-2-3-5-5-3     | Jet pits                                  |
| 3610-3620    | 6-4-4-4-5-5-5-5-5-7     |   |
| 3620-3630    | 7-6-8-7-5-9-6-5-4-3     | Visc. 43 Wgt. 10#                         |
| 3630-3640    | 4-3-3-4-3-3-4-6-5-3     |   |
| 3640-3650    | 3-5-5-2-2-2-2-7-7-4     |   |
| 3650-3660    | 5-5-5-6-6-5-4-5-6-5     | Visc. 51 Wgt. 10#                         |
| 3660-3670    | 6-6-5-3-3-3-4-3-5-2     |   |
| 3670-3680    | 5-4-4-6-5-6-6-6-5-4     | Visc. 56 Wgt. 10#                         |
| 3680-3690    | 5-7-6-5-8-7-5-8-6-8     |   |
| 3690-3700    | 6-5-3-2-3-1-2-2-2-2     | Pump pressure 350# R.P.M. 110 Wgt. points |
| 3700-3710    | 2-3-2-2-3-3-3-3-2-3     | Jet pits Mixing mud                       |
| 3710-3720    | 5-3-2-3-3-3-3-3-3-3     | Mixing mud                                |
| 3720-3730    | 4-4-4-4-4-3-5-3-3-8     |   |
| 3730-3740    | 4-3-3-3-3-3-3-2-2-3     |   |
| 3740-3750    | 2-1-1-1-2-3-3-3-6-6     |   |
| 3750-3760    | 5-3-2-2-2-3-3-3-4-6     |   |
| 3760-3770    | 5-7-7-6-6-6-4-3-4-4     |   |
| 3770-3780    | 4-3-3-2-2-5-2-2-2-2     |   |
| 3780-3790    | 4-2-2-3-3-4-5-8-6-8     |   |
| 3790-3800    | 7-1-3-3-4-3-3-7-4-2     |   |
| 3800-3810    | 3-4-3-3-4-7-9-7-5-6     | Jet pits. Mixing mud                      |
| 3810-3820    | 5-5-6-5-6-6-4-5-5-3     | Visc. 39 Wgt. 10#                         |
| 3820-3830    | 4-3-3-4-5-7-9-9-6-9     |   |
| 3830-3840    | 5-6-4-2-3-3-4-4-7-7     |   |
| 3840-3850    | 5-6-5-8-7-7-4-5-8-8     | Mixing Driscose                           |
| 3850-3860    | 7-8-8-4-5-4-4-7-11-9    |   |
| 3860-3870    | 7-6-6-6-8-7-8-5-8-9     |   |
| 3870-3880    | 10-7-16-22-10-3-2-2-4-4 | Visc. 48 Trip & New bit 3875              |
| 3880-3890    | 4-4-5-4-5-3-3-4-5-5     | Pump press. 375# R.P.M. 90 Mix Driscose   |
| 3890-3900    | 5-5-4-5-5-5-4-2-5-5     |   |

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#3 L. H. Wessel  
22-6-29W

DRILL TIME RECORD (Cont.)

| <u>DEPTH</u>            | <u>MINUTES PER FOOT</u>       | <u>REMARKS</u>                            |
|-------------------------|-------------------------------|---|
| 3900-3910               | 5-5-6-9-5-5-6-4-6-5           | Visc. 50 Wgt. 10.4#                       |
| 3910-3920               | 12-6-6-4-4-6-6-5-6-5          | Visc. 40 Wgt. 10.2#                       |
| 3920-3930               | 5-5-7-6-7-13-5-5-6-4          | Pump pressure 450# R.P.M. 85              |
| 3930-3940               | 4-6-6-6-5-8-6-6-8-7           |   |
| 3940-3950               | 6-7-6-5-8-7-3-7-8-9           |   |
| 3950-3960               | 8-11-11-10-10-8-9-8-8-7       | Pump press. 350# R.P.M. 90 Mix mud        |
| 3960-3970               | 6-4-5-5-8-8-11-10-10-11       |   |
| 3970-3980               | 9-10-8-9-9-11-13-7-8-8        | Pump press. 500# R.P.M. 85 Wgt. 28 points |
| 3980-3990               | 10-9-9-11-9-7-9-10-14-9       | Visc. 48 Wgt. 10#                         |
| 3990-4000               | 10-9-12-9-9-10-13-12-9-11     |   |
| 4000-4010               | 10-12-12-13-13-10-11-13-12-10 | Pump press. 350# R.P.M. 90 Mix Driscose   |
| 4010-4020               | 10-9-9-9-8-9-11-10-7-8        | 500# R.P.M. 85 Trip 4020 DST & New Bit    |
| 4020-4030               | 10-6-4-5-4-5-4-5-10-9         | Pump press. 500# R.P.M. 85 Wgt. 28 points |
| 4030-4040               | 9-6-8-7-9-9-10-10-8-9         |   |
| 4040-4050               | 7-8-7-6-6-8-9-11-4-8          | Jet pits Visc. 42 Wgt. 10.1#              |
| 4050-4060               | 12-10-10-6-5-7-8-6-4-8        | Pump press. 350# R.P.M. 90 Mix mud        |
| 4060-4070               | 13-12-9-12-10-9-10-9-10-10    | Pump press. 500# R.P.M. 85 Wgt. 28 points |
| 4070-4080               | 10-13-9-9-5-10-10-11-5-9      | Visc. 42 Wgt. 10.4#                       |
| 4080-4090               | 8-7-5-7-8-7-5-7-8-9           |   |
| 4090-4100               | 9-9-7-7-6-7-7-11-11-10        | Visc. 40 Wgt. 10.4#                       |
| 4100-4110               | 12-14-11-12-15-12-14-13-10-9  | Trip 4110 DST & New Bit                   |
| 4110-4120               | 1-5-5-6-6-4-6-2-12-8          | Rough 4118 Visc. 40 Wgt. 10.1#            |
| 4120-4130               | 7-7-4-5-7-5-9-8-8-8           | Visc. 39 Wgt. 10.3#                       |
| 4130-4140               | 9-9-9-10-10-10-8-9-8-8        |   |
| <u>Total Depth 4140</u> |                               |   |



SUMMARY

DRILL STEM TESTS

Halliburton  
Plainville, Kansas

Form #2

| TEST NO. | FORMATION      | DEPTH     | TIME   |        | OPEN PERFORMANCE                            | PRESSURE |        |       |                       | RECOVERY                          |
|----------|----------------|-----------|--------|--------|---|----------|--------|-------|-----------------------|-----------------------------------|
|          |                |           | OPEN   | S.I.P  |   | I.FLOW   | F.FLOW | B.H.P | H <sup>2</sup> STATIC |                                   |
| 1        | Wyandotte Lime | 3998-4020 | 1 Hr.  | 15 min | Extremely light blow<br>10 min. & quit      | 0#       | 0#     | 205#  | 1872#                 | 90' mud. Good<br>show oil in top  |
| 2        | Winterset Lime | 4074-4110 | 30 min | None   | Losing mud very slowly<br>leaking by packer | None     | None   | None  | None                  | 540' drilling<br>mud. Test failed |
| 3        | Winterset Lime | 4070-4110 | 20min. | None   | Losing mud very slowly<br>leaking by packer | None     | None   | None  | None                  | 480' drilling<br>mud. Test failed |
|          |                |           |        |        |   |          |        |       |                       |                                   |
|          |                |           |        |        |   |          |        |       |                       |                                   |
|          |                |           |        |        |   |          |        |       |                       |                                   |
|          |                |           |        |        |   |          |        |       |                       |                                   |

WESTPAN HYDROCARBON CO.

# 3 L. H. Wessel  
NE SW SW 22-6-29W

Sheridan County, Kansas

15-179-05230-00-00



#3 L.H. Wessel  
22-6-29W  
Cable Tool Test Period  
(Continued)

15-179-05230-00-00

10-7-53 6:48 PM Tubing 3000# Casing 900# 13½ bbls. cement in perfs.  
6:50 " Released pressure, "Flow back"  
7:05 " Tubing 3000# Casing 900#  
7:06 " Released pressure, "Flow back"  
7:50 " Tubing 4000# Casing 1200#  
7:55 " Start "back wash" cement out of tubing.  
8:05 " Back wash thru tubing, 5 sax.  
Squeeze in perforations 245 sax. Job complete (perfs. 4120-4121)

CEMENT SQUEEZE  
(4086-4087 Perforations)

10-7-53 8:10 PM Raise Baker packer to 4062, Tail pipe at 4064 (took out 1 joint-  
and 8' sub)  
8:15 " Breaking pressure 3000# Input rate 2½ bbl. per min. at 2000#  
8:25 " Tubing 2000# Casing 1000# Start mix cement.  
8:30 " " 1300# " " " 35 sax mixed.  
8:35 " " 1200# " " " 100 sax mixed.  
8:40 " " 1000# " " " 150 sax mixed.  
8:45 " " " " " " " 200 sax mixed.  
8:48 " " " " " " " 250 sax mixed.  
Displacement 15.75 bbls. water.  
8:50 " Tubing 500# Casing 1000# 05 bbls. cement in perforations.  
8:55 " " 800# " " " 08 " " " "  
8:57 " " 1000# " " " 8 3/4 " " " "  
8:59 " " 1200# " " " 9 3/4 " " " "  
9:00 " " 3000# " 1300# 10 bbls. " " "  
9:10 " " 4000# " 1500# " " " " " "  
9:15 " " " " " " " " " " "  
9:17 " Start "back wash" cement out of tubing.  
9:30 " Back wash thru tubing 25 sax.  
Squeeze in perforations 225 sax. Job complete (perfs. 4086-4087)  
9:45 " Start out hole with tubing.

10-9-53 12:00 M Start bail hole. (Following work under supervision of J.L. Haines)  
10-10-53 1:10 PM Hole bailed. Top cement in casing at 4063.  
5:30 " Cement drilled out to 4099. Bailer tests for any leaks.  
8:00 " Hole is dry. Squeeze perfs. 4086-4087 okay.  
10:45 " Cement drilled out to 4114. Bailer tests for leaks.  
10-11-53 6:30 AM Hole is dry. Squeeze perfs. 4120-4121 left covered with cement in pipe.  
Halliburton S.L.M. is 4114.  
9:58 " Perforate 12 holes 4101-4103 (Winterset) Lane Wells Type "E" Gun.  
10:22 " Bailer test ½ gal. fluid with trace oil.  
10:45 " Start tubing in hole. Prepare for acid job.  
12:45 PM Tubing in hole. Baker Packer RT-8 (retrievable) set at 4094.

ACIDIZE  
(1000 Gal.)

10-11-53 1:10 PM Start fill hole with oil. Acid Engineers Inc. J.L. Strunk Treater.

#3 L.H. Wessel  
 22-6-29W  
 Cable Tool Test Period  
 (Continued)

|          |         |   |      |        |       |                                   |
|----------|---------|---|------|--------|-------|-----------------------------------|
| 10-11-53 | 2:12 PM | Hole full. (95 bbls. oil to fill hole)    |      |        |       |                                   |
|          | 2:15 "  | Casing                                    | 500# | Tubing | 500#  | Start acid in tubing.             |
|          | 2:35 "  | "   | 300" | "      | 0"    | 640 gal. in tubing.               |
|          | 2:36 "  | "   | "    | "      | "     | Start pumping slow.               |
|          | 2:38 "  | "   | "    | "      | 1100" | Let set.                          |
|          | 3:10 "  | "   | "    | "      | 900"  | Resume pumping.                   |
|          | 3:12 "  | "   | "    | "      | 1100" | Let set                           |
|          | 3:16 "  | "   | "    | "      | 900"  | Resume pumping.                   |
|          | 3:18 "  | "   | "    | "      | 1150" | Let set.                          |
|          | 3:40 "  | "   | "    | "      | 950"  | Resume pumping.                   |
|          | 3:41 "  | "   | "    | "      | 1100" | Holding pressure.                 |
|          | 4:09 "  | "   | "    | "      | 1200" | Running slow, "breaking".         |
|          | 4:11 "  | "   | "    | "      | 800"  | 675 gal. in tubing.               |
|          | 4:18 "  | "   | 325" | "      | "     | Speed up pump.                    |
|          | 4:35 "  | "   | "    | "      | "     | 1000 gal. in tubing. Start flush. |
|          | 4:50 "  | "   | "    | "      | 850"  | 6 bbl. oil "flush" in tubing.     |
|          | 5:00 "  | "   | 200" | "      | 1050" | 9 1/2 " " " " " "                 |
|          | 5:18 "  | "   | 125" | "      | 1200" | 16 " " " " " " Complete.          |
|          | 5:19 "  | "   | "    | "      | 1150" | Pressure drop.                    |
|          | 5:25 "  | "   | 150" | "      | 1000" | " "                               |
|          | 5:28 "  | "   | "    | "      | 900"  | " "                               |
|          | 5:38 "  | "   | 175" | "      | 570"  | " "                               |
|          | 5:48 "  | "   | 200" | "      | 275"  | " "                               |
|          | 5:58 "  | "   | "    | "      | 100"  | " "                               |
|          | 6:05 "  | "   | 220" | "      | 50"   | " "                               |
|          | 6:20 "  | Start tubing out of hole.                 |      |        |       |                                   |
|          | 11:45 " | Start swab hole. Fluid 650 feet from top. |      |        |       |                                   |

SWAB TEST

|          |          |                         |   |  |  |
|----------|----------|-------------------------|---|--|--|
| 10-12-53 | 2:30 AM  | Hole swabbed to bottom. |   |  |  |
|          | 3:30 "   | 4.64 bbls.              |   |  |  |
|          | 4:30 "   | 3.48 "                  | All load oil back with this pull.                 |  |  |
|          | 5:30 "   | 2.90 "                  |   |  |  |
|          | 6:30 "   | 1.74 "                  |   |  |  |
|          | 7:30 "   | 2.32 "                  |   |  |  |
|          | 8:30 "   | 2.32 "                  |   |  |  |
|          | 9:30 "   | 1.74 "                  |   |  |  |
|          | 10:30 "  | 1.16 "                  | Check swab rubbers and change.                    |  |  |
|          | 11:30 "  | 1.45 "                  |   |  |  |
|          | 12:30 PM | 1.45 "                  |   |  |  |
|          | 1:30 "   | 1.16 "                  |   |  |  |
|          | 2:30 "   | 1.16 "                  |   |  |  |
|          | 3:30 "   | 1.16 "                  |   |  |  |
|          | 4:30 "   | 1.74 "                  | 20.30 bbls. oil 1st. 12 hrs. after load oil back. |  |  |
|          | 6:30 "   | 1.45 "                  |   |  |  |
|          | 7:30 "   | .87 "                   | Check swab.                                       |  |  |
|          | 8:30 "   | 1.16 "                  |   |  |  |
|          | 9:30 "   | 1.16 "                  |   |  |  |
|          | 10:30 "  | .87 "                   |   |  |  |
|          | 11:30 "  | .29 "                   |   |  |  |

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 #3 L.H. Wessel  
 22-6-29W  
 Cable Tool Test Period  
 (Continued)

Swab Test

|          |          |           |  |
|----------|----------|-----------|--|
| 10-13-53 | 12:30 AM | .58 bbls. |  |
|          | 1:30 "   | .87 "     |  |
|          | 2:30 "   | .87 "     |  |
|          | 3:30 "   | .58 "     |  |
|          | 4:30 "   | .58 "     |  |
|          | 5:30 "   | .87 "     | 10.15 bbls. 2nd 12 hrs.  |
|          | 6:30 "   | .58 "     |  |
|          | 7:30 "   | .58 "     |  |
|          | 8:30 "   | .87 "     |  |
|          | 9:30 "   | .58 "     |  |
|          | 10:30 "  | .58 "     |  |
|          | 11:30 "  | .87 "     |  |
|          | 12:30 PM | .87 "     | 4.93 bbls. next 7 hrs. Total 35.38 bbls. in 31 hrs. after load back.   |
|          | 3:00 PM  |           | Start "natural" Gamma ray log. Hole taking fluid during survey.  |
|          | 7:15 "   |           | Dowell Radioactive Channel determinative survey complete. This survey shows all acid out in perforations 4101-4102. Fluid 2460 feet from top at end of survey. |
|          | 10:00 "  |           | Perforate 7 (jets) 4103-4105 Dowell GG 2 Prepare for "frac" job.   |
| 10-14-53 | 7:15 AM  |           | Start tubing in hole.  |
|          | 10:10 "  |           | Tubing landed Baker Packer RT8 (retrievable) set at 4094 $\frac{1}{2}$ .   |

FRACTURE TREATMENT (DOWELL)  
 (2000 gal. JellX 500 & 300 gal. Fix-a-frac)

|          |        |      |             |   |
|----------|--------|------|-------------|---|
| 12:50 PM |        |      |             | Start fill hole. Service Engineer R.W. Roberson |
| 1:10 "   |        |      |             | Hole full.                                      |
| 1:12 "   | Casing | 950# | Tubing 950# | Set Baker retainer.                             |
| 1:15 "   | "      | "    | " 1700#     | Start mix sand in Jell X 500                    |
| 1:28 "   | "      | "    | "           | Start Jell X 500                                |
| 1:37 "   | "      | 800# | "           | Start flush                                     |
| 1:49 "   | "      | 600# | " 1550#     | Flushed with 28 bbls. oil.                      |
| 2:10 "   | "      | 650# | " 0#        | Start 300 gal. fix-a-frac                       |
| 2:20 "   | "      | 700# | " 1400#     | Start flush fix-a-frac                          |
| 2:23 "   | "      | "    | " 2000#     | Fix-a-frac on bottom                            |
| 2:25 "   | "      | "    | " 2300#     |   |
| 2:26 "   | "      | "    | " 2500#     |   |
| 2:27 "   | "      | "    | " 2600#     | All fix-a-frac in formation                     |
| 2:29 "   | "      | "    | " 2300#     | Start Jell X 500                                |
| 2:31 "   | "      | "    | " 1700#     |   |
| 2:34 "   | "      | "    | " 1900#     | Jell X on bottom                                |
| 2:38 "   | "      | 650# | " 1650#     | Start flush.                                    |
| 2:40 "   | "      | 600# | " 1650#     | Flushing  |
| 2:55 "   | "      | 500# | " 1400#     | Flushed with 46 bbl. oil                        |
| 3:25 "   | "      | "    | " 500#      | Pressure drop                                   |
| 3:40 "   | "      | "    | " 235#      | " "   |
| 3:55 "   | "      | "    | " 55#       | " "   |

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#3 L.H. Wessel

22-6-29W

Cable Tool Test Period

(Continued)

Fracture Treatment (Dowell)

10-14-53 4:00 PM Casing 500%. Tubing Off. Pressure drop.  
 4:30 " Release packer set on bottom. No indication of sand "fill up".  
 Start out of hole with tubing.  
 7:15 " Tubing out of hole.  
 7:45 " Start swab. Fluid 850' from top of hole.

SWAB TEST  
(After "Frac")

10:30 " 92.76 bbls. Hole swabbed down. (Total 291.44 bbls. oil used  
 11:30 " 10.44 " in frac.)

10-15-53 12:30 AM 6.96 "  
 1:30 " 6.38 "  
 2:30 " 5.80 "  
 3:30 " 5.22 "  
 4:30 " 5.22 "  
 5:30 " 4.64 "  
 6:30 " 5.22 "  
 7:30 " 4.64 "  
 8:30 " 4.64 "  
 9:30 " 4.06 "  
 10:30 " 4.06 "  
 11:30 " 4.06 "  
 12:30 PM 4.06 "  
 1:30 " 4.06 "  
 2:30 " 3.48 " Total 175.70 bbls. oil back.  
 3:30 " 3.48 "  
 4:30 " 3.48 "  
 5:30 " 3.48 "  
 6:30 " 3.48 "  
 7:30 " 3.48 "  
 8:30 " 3.48 "  
 9:30 " 3.48 "  
 10:30 " 3.48 "  
 11:30 " 2.90 "

10-16-53 12:30 AM 2.90 "  
 2:30 " 3.48 "  
 3:30 " 2.90 "  
 4:30 " 3.48 "  
 5:30 " 2.32 " Check swab.  
 6:30 " 2.90 "  
 7:30 " 2.90 "  
 8:30 " 3.48 "  
 9:30 " 2.90 "  
 10:30 " 2.32 "  
 11:30 " 2.32 " Total now 238.34 bbls. oil back. Swab 36 hrs. after  
 swabbed to bottom.

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#3 L.H. Wessel

22-6-29W

Cable Tool Test Period

(Continued)

Swab Test

10-16-53 12:00 N Run bailer. Found 1 gal. water & 2 gal. sand.  
 1:15 PM Start run tubing to put well on production.  
 4:00 " Tubing landed. 130 jts. 13' anchor. 3' perforated nipple  
 1' seat. 4' tubing sub.  
 6:45 " Rods arrive on location.  
 9:00 " Pump & rods in well. Pump clamped 1' off bottom.

CONTRACTOR: Wood & Hay Drilling Co.  
 Hoisington, Kansas

TOOL PUSHER: L. M. Smith, Tel. 664  
 Lyons, Kansas

DRILLERS: Robert Hodges-Geo. Welling

TOOL DRESSERS: Elmer Ibach-Roy Robinson

TYPE UNIT: Walker Neer C 34  
 TYPE POWER: Waukesha G-K 145 HP  
 TYPE MAST: Cardwell 70'  
 TYPE FUEL: Butane-Propane  
 WATER SUPPLY: Water Well 128'-30BWP

State of Kansas



15-179-05230-00-00

GEORGE DOCKING Governor  
HARRY G. WILES Chairman  
MARION BEATTY Commissioner  
RICHARD C. BYRD Commissioner  
RAYMOND B. HARVEY Secretary  
J. ROBERT WILSON Counsel

State Corporation Commission

CONSERVATION DIVISION

(Oil, Gas and Water)

500 Insurance Bldg. 212 N. Market

WICHITA, KANSAS

JEWEL M. OGDEN, Director

WELL PLUGGING AUTHORITY

September 14, 1959

Well No. 3  
Lease Wessell  
Description NE SW SW 22-6-29W  
County Sheridan  
File No. 2-37

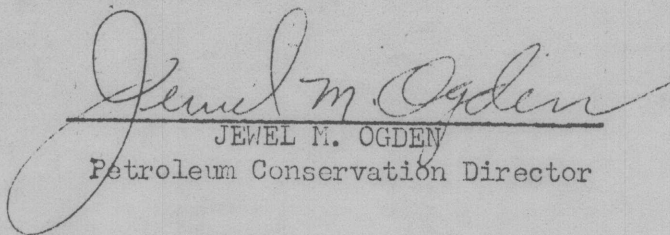
Drillers-Producers Pipe & Supply Co.  
Box 308  
Great Bend, Kansas

Gentlemen:

This is your authority to plug the above subject well in accordance with the Rules and Regulations of the State Corporation Commission.

This authority is void after 90 days from the above date.

Very truly yours,

  
JEWEL M. OGDEN  
Petroleum Conservation Director

Mr. \_\_\_\_\_  
is hereby assigned to supervise the plugging of the above named well.

In the event you need any further information regarding this well fell free to write or call me at any time.

J. Lewis Brock  
Western Kansas Field Supervisor  
P. O. Box 569  
Great Bend, Kansas  
Phone: GL-33022