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

WELL PLUGGING APPLICATION FORM
File One Copy

1S-179-05229-00-00

Lease Owner (Applicant) Drillers-Producers Pipe & Supply Co., Inc.

Address Box 368, Great Bend, Kansas

Lease (Farm Name) L. H. Wessel

Well No. 2

Well Location SE SW SW

Sec. 22 Twp. 6 Rge. 29 (E) (W)

County Sheridan

Field Name (If any)

Total Depth 4100 Oil Well x 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 15, 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.

PLUGGING RECEIVED

File Sec. 22 T 6 R 1959

Book Page 2 CONSERVATION DIVISION

Wichita, Kansas 9-11-59

Signed: Roy L. Myers Sec. Treas.

Applicant or Acting Agent

Date: September 10, 1959
WESTPAN HYDROCARBON COMPANY

# 2 L. H. Wessel
SE SW SW 22-6-29N

SHERIDAN COUNTY, KANSAS

PLUGGING
File Sec. 22 T 6 R 29 W
Book Page 2 Line 36
Westpan Hydrocarbon Company
418 Polk Street
Amarillo, Texas

February 5, 1954

Gentlemen:

This report with detail information is on your -

# 2 L. H. Wessel
SE 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.

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

(All Figures Rotary Bushing)

Elevation 2821.

In Wabaunsee Group (Tarkio?) .... 3608-3612
" " " .................. 3665-3667
   Spotted porosity dark oil stains.
   Dark asphaltic stains.

Howard Lime? .................. 3695-3706
   Good porosity. Dolomitic in part.

Top Topeka lime ................ 3713
   Datum -392. 2' lower #4 Elsie Wessel.
   Pinpoint - small vugular.
   Dolomitic. Trace glauconite spots.

   good porosity. asphaltic stains 3770-3788
   " " " 3863-3867
   No oil stains 3886-3902
   Dolomitic. Inter-x-line porosity.

Reebnner shale ................ 3905-3910
   Black carbonaceous shale.

Top Toronto lime ............... 3932
   Datum -1111. 3 ft. lower #4 Elsie.
   Fair porosity. Dark oil stains 3932-3936
   Fossil cast & dolomitic inter-xline.

Base Toronto .................. 3939

Top Lansing Group ............. 3944
   Datum -1125. 2' lower #4 Elsie Wessel.
   Trace porosity. Dark oil stains 3956-3958
   Dolomitic, small vugular spotted.
   fair " " " 3975-3977
   " " " 3985-3989
   " semi-solicastic
Top Wyandotte Lime ............. 4013
   Datum -1192. 1' lower #4 Elsie Wessel.
   Producing zone in a few wells in the pool. Lime is broken with layers of shale
   in the upper part where the lime is red to pink. White lime is present in the
   lower part with trace oil stain.

(1) Drill Stem Test ........ 3991-4 20
   Open 1 hour. S.I.P. 15 min.
   Very slight blow for 30 minutes and quit. Recovery 60 ft. thin mud.
   Slightly watery. No oil. Flow pressure 0-25#. Hydrostatic 1990#. B.H.P. 1332#

Base Wyandotte Lime .......... 4023
   From all indications no commercial production can be expected from the Wyandotte.

Top Winterset Lime ............. 4096
   Datum -1275. 2' lower #4 Elsie Wessel.
   Good porosity. S1. Oil stains 4096-4102

Base Winterset Lime ............. 4110

(2) Drill Stem Test ........ 4072-4110
   Open 1 hour. S.I.P. 15 min. (Double Packer)
   Very slight blow throughout. Recovery 70 feet mud. Good show oil.
   Flow pressure 0/-35#. B.H.P. 360#. Hydrostatic 2055#.

Rotary total depth ............. 4140
   Drillers.

Rotary total depth ............. 4137
   Schlumberger.

S.I.M. Drill pipe when laid down 4140.23

5 3/8" casing 14# cement w/160 sax. 4139.73

Respectfully submitted,

Richard Foley

Richard C.M. Foley

RCHMFs:

cc - R. S. Mullin
   Kansas City, Mo.

J. L. Haines
   Great Bend, Kansas
**BIT RECORD**

<table>
<thead>
<tr>
<th>RUN NO.</th>
<th>SIZE BLT</th>
<th>MAKE BLT</th>
<th>TYPE CONE</th>
<th>SERIAL NO.</th>
<th>DEPTH</th>
<th>FOOTAGE</th>
<th>HRS. RUN</th>
<th>PNTS/WOT.</th>
<th>PUMP PRESS.</th>
<th>RPM</th>
<th>REMARKS</th>
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<td>7 7/8</td>
<td>Hughes</td>
<td>OSC 3J</td>
<td>Re-run</td>
<td>0-2h7</td>
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<td>8</td>
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**Westpan Hydrocarbon Company**

**CONTRACTOR:** Bill Hay Drilling Co.

**TOOL PUSHER:** E. L. Browning

**DRILLERS:** Chet Lacy, G. Holcomb, S.T. Holcomb

**START DRILL:** Sept. 9, 1953

**COMP. DRILL:** Sept. 19, 1953

**SURFACE PIPE:** 8 5/8 at 2h7 w/160 sax

**CENTRALIZERS:** 3991-4037-4073-4110-4133

**CASING:** 53/8 11" set at 4139.73

**Casing Collars:** 4108.97 Float 1407.03-4047.17-4015.31

3983.22-3952.35-3925.67-3894.21

**Zero Point:** 5.38' above Braden-head for rotary bushing datum.
6.53' above 6 5/8" collar for rotary bushing datum.

**TYPE ROIL:** Wilson Giant (Road Air)

**TYPE POWER:** General Motors

"Twin 671" 250HP each

**TYPE PUMP:** Bethlehem G.E. 1

**SIZE PUMP:** 7 x 14 SPH 34 (Can use 8" liner)

**TYPE FUEL:** Kerosene & Diesel

**WATER SUPPLY:** Water Well 128' 30 GPH

**TYPE MAST:** Les G. Moore 87' (Shin hole)

**TYPE ROTARY TABLE:** Bethlehem Gun Buster

**WEIGHT INDICATOR:** Martin Becker "Clipper"

**SIZE DRILL PIPE:** 4 5/8" Full hole
**Westpan Hydrocarbon Co.**  
**# 2 L. H. Wessel**  
**SE SW SW 22-6-29**  
**Sheridan County, Kansas**

**Drill Time Record**

(All Figures Rotary Bushing Datum)

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<tr>
<th>Depth</th>
<th>Minutes Per Foot</th>
<th>Remarks</th>
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<tr>
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<td>Hughes OSC 26 pts. weight</td>
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**4140 TOTAL DEPTH - Sept. 19, 1953.**

RPM 85. 28 pts. 450# pump.  
RPM 85. 28 pts. 500# pump. SPM 54.  
DST & Hughes OSQ (Re-run) at 4110.  
Visc. 37. Wgt. 10  
Visc. 39 Wgt. 10
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<th>PRESSURE</th>
<th>RECOVERY</th>
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<td>S.I.P</td>
<td>I.FLOW</td>
<td>F.FLOW</td>
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<td>1</td>
<td>Wyandotte Lime</td>
<td>3991-4020</td>
<td>1 Hr. 15 min</td>
<td>Very slight blow for 30 min. and quit.</td>
<td>0#</td>
<td>25#</td>
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<td>2</td>
<td>Winterset Lime</td>
<td>4072-4110</td>
<td>1 Hr. 15 min</td>
<td>Very light blow throughout.</td>
<td>0#</td>
<td>35#</td>
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</table>

WESTPAN HYDROCARBON CO.

# 2 L. H. Wessel
SE SW SW 22-6-29W
Sheridan County, Kansas
Westpan Hydrocarbon Co.
2 L. H. Wessel
SE 3 W SW 22-6-29 W
Sheridan County, Kansas
Elevation 2321 ft

CABL E TEST PERIOD

Note - "Zero Point" for rotary bushing datum 5.38 ft. above "Fraden Head".

Casing: 7 1/4" 12# set at 4139.73. Cement 160 sax (common).
Float Collar: 4108.97
Bottom joint overall 30.76.
Casing Collars: 4078.03 - 4047.17 - 4015.31 - 3952.55 - 3925.67 - 3894.21

9-27-53 8:00 AM Moving unit from 1/4 Elsie Wessel.
12:00 N Start bail hole.

9-28-53 12:00 N Hole bailed. Start drill cement. 30 ft. cement on top float collar.
Cement drilled out to 4125.
4:00 PM Start Lane Wells Radioactive Electric log survey.
10:05 n Perforate 16 (Kones) 4118-4119. Lane Wells Four-Way Squeeze Gun.
10:20 n Run bailer. Hole dry.

9-29-53 12:15 AM Perforate 16 (Kones) 4086-4087 Lane Wells Four-Way Squeeze Gun.
12:20 n Run bailer. Hole dry.
1:00 n Start run tubing. Prepare for "block" cement squeeze.
5:00 n Tubing landed with Halliburton D.W. cement retainer set at 4103.
Load hole with water. To squeeze perforations 4118-4119.

CEMENT SQUEEZE

Pressure Casing to 4250#
"Breaking pressure" 1500#. Input rate 2 1/2 bbl. per min.

6:55 AM Tubing 1500# casing 4500. Start mixing cement.
7:00 n 1200# 40 sax mixed.
7:05 n 500# 300# 80
7:08 n 800# 90
7:10 n 1000# 100
7:15 n 1200# 150
7:20 n 1400# 200
7:22 n 1300# 230
7:25 n 1500# 250

Displacement 15.07 bbls. water,

7:28 n Tubing 500# casing 300# lbbls. cement in perforations.
7:30 n 600#
7:33 n 500# 7
7:35 n 600# 7
7:37 n 700# 8
7:40 n 1000# 9
7:42 n 1100# 9
7:45 n 1300# 10
7:48 n 1500# 10

7 1/2 days.

"Hole..."
### Cable Tool Test Period

#### Cement Squeeze (Continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Action</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-29-53</td>
<td>7:50 AM Tubing 1600# casing 300#</td>
<td>10 3/4 bbls. cement in perforations.</td>
</tr>
<tr>
<td></td>
<td>7:52 &quot; Tubing 1800#</td>
<td>11</td>
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<tr>
<td></td>
<td>7:55 &quot; Tubing 1900#</td>
<td>11 1/2</td>
</tr>
<tr>
<td></td>
<td>7:58 &quot; Tubing 2500#</td>
<td>12</td>
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<tr>
<td></td>
<td>8:00 &quot; Back wash thru tubing 3.8 bbls. = 19 sax. cement.</td>
<td>&quot;Squeeze&quot; in perforations.</td>
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<tr>
<td></td>
<td>8:30 &quot; Start out hole with tubing.</td>
<td>231 sax. cement.</td>
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<tr>
<td></td>
<td>12:00 PM Tubing out hole.</td>
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<tr>
<td></td>
<td>3:00 PM Start in hole with tubing to squeeze perforations 4086-4087.</td>
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<tr>
<td></td>
<td>3:15 PM Tubing in hole with Halliburton HY retrievable packer at 4055.</td>
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<td></td>
<td>3:35 PM Load hole. Pressure casing to 500#</td>
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<td></td>
<td>4:10 PM Tubing 1000#. Casing 500#. Start mixing cement.</td>
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<td></td>
<td>4:14 PM Displacement 15.5 bbls. water.</td>
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<td></td>
<td>4:15 PM Tubing 1200# casing 600#</td>
<td>2 bbls. cement in perforations.</td>
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<tr>
<td></td>
<td>4:16 &quot; 1300</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4:18 &quot; 1400</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>4:19 &quot; 1500</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>4:20 &quot; 1600</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>4:21 &quot; 1600</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>4:22 &quot; 1500</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>4:23 &quot; 1300</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>4:25 &quot; 1200</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>4:27 &quot; 1300</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>4:30 &quot; 1500</td>
<td>12 1/2</td>
</tr>
<tr>
<td></td>
<td>4:32 &quot; 2000</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>4:33 &quot; 2500</td>
<td>13 1/2</td>
</tr>
<tr>
<td></td>
<td>4:35 &quot; Back wash thru tubing. 10 sax.</td>
<td>Squeeze in perforations 240 sax.</td>
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<tr>
<td></td>
<td>4:45 PM Job complete. Start out hole with tubing.</td>
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<tr>
<td></td>
<td>7:00 PM Tubing out hole. W.O.C.</td>
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</tbody>
</table>

#### 10-1-53
- 12:00 PM Start bail hole.

#### 10-2-53
- 12:00 PM Hole bailed.
- 5:00 PM Cement drilled out to 4103 (on D.M. tool)
- 7:00 PM Testing for leaks of "squeeze" perforations 4086-4087. Hole dry.
- 10:40 PM Lost tools in hole.
10-3-53  6:00 AM  Tools fished out.
10:30 AM  Cement drilled out to 4128. Hole dry.
12:15 PM  Perforate 25 holes 4100-4104 (Winterset) Lane Wells Type "E" Gun.
1:25 PM   Bailier test 5 gal. muddy water "casing drain down". No show oil.
1:30 PM   Start tubing in hole for acid job.
4:30 PM   Tubing landed with Halliburton H.M. Packer set at 4093. Tail pipe 4096.

ACIDIZE
(1000 Gal.)

6:30 PM  Start oil to fill hole.
8:30 PM  Hole full.
8:45 PM  Start acid down tubing 1000 Gals. Dowell Xx38.Treater-L.L.Brown
9:00 PM  Casing 500# Tube 6# Acid on bottom. Set packer.
9:05 PM  "  375#  "  "
9:45 PM  "  350#  "  vac.
9:49 PM  "  350#  "  "
10:50 PM  "  "  "  "  In hole with R.A. tool. Fluid at 2000'.
11:10 PM  "  "  "  "  Acid in tubing. Start flush.
11:30 PM  "  "  "  "
11:56 PM  "  "  "  "

10-4-53  12:13 AM  "  "  vac.
12:46 AM  "  "  "  "  R.A. tool indicates tubing flushes.
1:30 AM   "  "  "  "  Closed tubing gate periodically to prevent R.A. acid from clearing too quickly since hole was on vacuum.
2:00 AM   "  "  "  "  Radio Active Channel determinative survey shows all acid out in perforations 4100-4104. No channel present "up or down".
6:15 AM   "  "  "  "  Out hole with tubing.
8:00 AM   "  "  "  "  Start swab. Fluid 1600 ft. from top. (2528 feet oil in hole)

SWAB TEST
12:00 PM  60.00 bbls. swab back. Hole swabbed to bottom.
1:00 PM   5.80  "  "  "
2:00 PM   5.80  "  "  "
3:00 PM   5.80  "  "  "
4:00 PM   5.22  "  "  "
5:00 PM   4.10  "  "  "
6:00 PM   4.10  "  "  "
7:00 PM   3.08  "  "  "
6:00 PM   Swab from bottom 3.48
9:00 PM   "  "  "  "  3.48
10:00 PM  "  "  "  "  2.90
11:00 PM  "  "  "  "  2.90
12:00 PM  "  "  "  "  2.90

10-5-53  1:00 AM  "  "  "  "  2.32
2:00 AM   "  "  "  "  2.32
3:00 AM   "  "  "  "  2.90
4:00 AM   "  "  "  "  2.32
Cable Tool Test Period

Swab Test (Continued)

10-5-53  5:00 AM  Swab from bottom 2.32
         6:00 "    " " " 2.32
         7:00 "    " " " 2.32
         8:00 "    " " " 2.32
         9:00 "    " " " 2.32
        10:00 "    " " " 2.32
        11:00 "    " " " 2.32

Total oil swabbed back 160.64
Oil used in acidizing 130.00

1:20 PM  Start tubing in hole.
4:15 "    Tubing landed.
5:25 "    Start run rods.
7:00 "    Rods in well.
7:25 "    Ready for pump unit. Job Complete.

             Hoisington, Kansas.

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

DRILLERS:  Robert Hodges-Geo. Welling

TOOL DRESSERS:  Elmer Ybach-Roy Robinson

TYPE UNIT:  Walker Neer C 34
TYPE MAST:  Cardwell 70 ft.
TYPE FUEL:  Butane-Propane
WATER SUPPLY:  Water well 128 ft.
              30 G.P.H.
TYPE POWER:  Neulshen C-K 145 Hp.
WELL PLUGGING AUTHORITY

September 11, 1959

Well No. 2
Lease Wmiii
Description 22-5-29N
County Sheridan
File No. 2-36

Brillers-Producers Pipe & Supply Co.
Box 355
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