STATE CORPORATION COMMISSION OF KANSAS
CIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
AGO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 8000
Name: Paconian Petroleum Co.
Address: 300, 17th St, Wichita, Kans 67202
City/State/Zip: Denver, Co, 80202

Purchaser: 

Operator Contact Person: J.D. Keisling
Phone: 316-327-9381

Contractor/License # 6033
Name: Coffey Drilling Company

Wellsite Geologist: Dan Hatterson
Phone: 316-327-9381

Designate Type of Completion: X New Well

Oil: SWD
Gas: Inj
X Dry: Other (Core, Water Supply etc.)

IT OWN: old well info as follows:

Operator 

Well Name 
Comp. Date 
Old Total Depth 

WELL HISTORY

Drilling Method: X Mud Rotary _ Air Rotary _ Cable

Spud Date: Date Reached TD 
Completion Date 

Surfaced 
Total Depth 

Amount of Surface Pipe Set and Cemented at: 
Number of stages 

If yes, depth set: 
If alternate 2 completion, cement circulated 

Cement Company Name 

Invoiced 

WATER SUPPLY INFORMATION

Disposition of Produced Water: 

Questions on this portion of the ACO-1 call: 

Source of Water: 

Division of Water Resources Permit 

Groundwater: 

Surface Water: 

Other (explain) 

(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit OP-4 form with all plugged wells. Submit OP-11 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: 

Title: Coordinator Engineering Operations 

Subscribed and sworn to before me this 24th day of 

Date Commission Expires: 

Form ACO-1 (5-86)
WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken
- Yes
- No

Samples Sent to Geological Survey
- Yes
- No

Cores Taken
DST #2 3414-3462' Lansing/Kansas City fm. 15-45-60-90 mins. Rec'd 70' mud w/few oil spots. IPP 132-132, ISIP 1292, FFP 132/132, FSIP 1292, IHP 1700, FHP 1656, BHT 106°.
DST #3 3528-3588' Lansing/Kansas City, 15-45-60-90 mins. Rec'd 5' OCM. IPP 76-76, ISIP 984, FFP 76-76, FSIP 820, IHP 1811, FHP 1811, BHT 108°.
DST #4 - 3616-3659' Conglomerate fm. 15-45-60-90 mins. Rec'd 60' OCM. IPP 87-87, ISIP 951, FFP 87-87, FSIP 907, IHP 1932, FHP 1910, BHT 108°.

CASING RECORD

Report all strings set-conductor, surface, intermediate, production, etc.

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole Drilled</th>
<th>Size Casing Set (in O.D.)</th>
<th>Weight Lbs/Ft.</th>
<th>Setting Depth</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12 1/4&quot;</td>
<td>8 5/8&quot;</td>
<td>24</td>
<td>All</td>
<td>Pressure</td>
<td>200</td>
<td>33.31%</td>
</tr>
</tbody>
</table>

PERFORATION RECORD

Specify footage of each interval perforated

<table>
<thead>
<tr>
<th>Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)</th>
<th>Depth</th>
</tr>
</thead>
</table>

TUBING RECORD

<table>
<thead>
<tr>
<th>Size</th>
<th>Set At</th>
<th>Packer at</th>
<th>Liner Run</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

Date of First Production Producing Method

- Flowing
- Pumping
- Gas Lift
- Other (explain).................

Estimated Production Per 24 Hours

- Oil
- Gas
- Water
- Gas-Oil Ratio
- Gravity

<table>
<thead>
<tr>
<th>Bbls</th>
<th>MCF</th>
<th>Bbls</th>
<th>CPFs</th>
</tr>
</thead>
</table>

METHOD OF COMPLETION

Disposition of gas:
- Vented
- Sold
- Used on Lease

- Open Hole
- Perforation
- Other (Specify).............

- Dually Completed
- Commingled

Production Interval
**STATE CORPORATION COMMISSION OF KS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE**

Operator: License # 8000
Name: Pancontinental Petroleum Co.
Address: 1200 N. Platte, Aiken, SC 29801
City/State/Zip: Denver, CO 80202

Purchaser:

Operator Contact Person: J.D. Keisling
Phone: 303-327-2371

Contractor License #: 6033
Name: N.M. Dillingham, President

Wellsite Geologist: Dan Walther
Phone: 303-327-2371

Designate Type of Completion
- New Well
- Re-Entry
- Workover

- Oil
- Gas
- Dry
- SWD
- Temp Abd
- Inj
- Delayed Comp.
- Other (Core, Water Supply etc.)

IF OWNED: old well info as follows:

Operator:______________________________
Well Name: ____________________________
Comp. Date: ____________________________

WELL HISTORY

Drilling Method: __ Mud Rotary __ Air Rotary __ Cable

<table>
<thead>
<tr>
<th>Depth</th>
<th>Date Reached TD</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>123 9'</td>
<td>12/31/87</td>
<td>12/31/87</td>
</tr>
</tbody>
</table>

Total Depth: PEBD

Amount of Surface Pipe Set and Cemented at: 321 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set ________ feet
If alternate 2 completion, cement circulated from ________ to ________.

Cement Company Name ____________________________
Invoice #: ____________________________

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.

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One copy of all wireline logs and drillers time log shall be attached with this form. Submit O-4 form with all plugged wells. Submit O-11 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: ____________________________
Title: Coordinator, Engineering Operations Date 12/31/87

Subscribed and sworn to before me this 19th day of __________.
Notary Public: ____________________________

Date Commission Expires: ____________________________

### WATER SUPPLY INFORMATION

Disposition of Produced Water: __ Repressuring

<table>
<thead>
<tr>
<th>Well #</th>
<th>Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 290-3717
Division of Water Resources Permit #

Groundwater: __ Ft North from Southeast Corner (Well) __ Ft West from Southeast Corner of Sec __ Tap __ Acre __ East __ West

Surface Water: __ Ft North from Southeast Corner (Stream, pond etc) __ Ft West from Southeast Corner of Sec __ Tap __ Acre __ East __ West

Other (explain) ____________

(purchased from city, R.W.D. #)

<table>
<thead>
<tr>
<th>Source #</th>
<th>Water Source</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

K-G-G OFFICE USE ONLY

F: Letter of Confidentiality Attached
C: Wireline Log Received
C: Drillers Timelog Received

Distribution
- KCC: __ SWD/Rep
- KD: __ NQA
- KG: __ Plug
- Other: ____________

(Specify)

<table>
<thead>
<tr>
<th>Source #</th>
<th>Water Source</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Form ACO-1 (6-86)
## WELL LOG

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests taken within interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

### Drill Stem Tests Taken
- **Yes** ☑️ | **No** ☐

### Samples Sent to Geological Survey
- **Yes** ☑️ | **No** ☐

### Cores Taken
- **Yes** ☑️ | **No** ☐

<table>
<thead>
<tr>
<th>DST #1</th>
<th>3381-8413'</th>
<th>Toronto fm. 15-45-60-90 mins.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rec'd 775' MW.</td>
<td>IFP 132-132, ISIP 1092, FFP 154-165,</td>
<td></td>
</tr>
<tr>
<td>FSIP 1026, IHP 1722, PHP 1676, BHT 106°.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DST #2</th>
<th>3414-3462'</th>
<th>Lansing/Kansas City fm. 15-45-60-90 mins.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rec'd 70' mud w/ few oil spots. IFP 132-132, ISIP 1292, FFP 132/132, FSIP 1292, IHP 1700,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FHP 1656, BHT 106°.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DST #3</th>
<th>3528-3588'</th>
<th>Lansing/Kansas City. 15-45-60-90 mins.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rec'd 5' OCM. IFP 76-76, ISIP 984, FFP 76-76, FSIP 620, IHP 1611, PHP 1811, BHT 108°.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DST #4</th>
<th>3616-3659'</th>
<th>Conglomerate fm. 15-45-60-90 mins.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rec'd 60' OCM. IFP 87-87, ISIP 951, FFP 87-87</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSIP 907, IHP 1932, FHP 1910, BHT 108°.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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### CASING RECORD
- **New** ☐ | **Used** ☑️

Report all strings set-conductor, surface, intermediate, production, etc.

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole</th>
<th>Size Casing</th>
<th>Weight</th>
<th>Setting</th>
<th>Type of Cement</th>
<th>#Sacks</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12 1/4'</td>
<td>8 5/8'</td>
<td>44</td>
<td>A131</td>
<td>Common</td>
<td>400</td>
<td>2%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PERFORATION RECORD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shots Per Foot</td>
</tr>
<tr>
<td>Acid, Fracture, Shot, Cement Squeeze Record</td>
</tr>
<tr>
<td>(Amount and Kind of Material Used)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TUBING RECORD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
</tr>
<tr>
<td>Liner Run</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date of First Production</th>
</tr>
</thead>
<tbody>
<tr>
<td>Producing Method</td>
</tr>
<tr>
<td>Flowing ☐ Pumping ☑️ Gas Lift ☐ Other (explain) ..........</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Estimated Production</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per 24 Hours</td>
</tr>
<tr>
<td>Bbls NCF Bbls CFPG</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>METHOD OF COMPLETION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disposition of gas:</td>
</tr>
<tr>
<td>Vented ☐ Sold ☑️ Used on Lease ☐</td>
</tr>
<tr>
<td>Open Hole ☑️ Perforation ☐ Other (Specify) ..........</td>
</tr>
<tr>
<td>Dually Completed ☐ Commingled ☐</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Production Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gravity</td>
</tr>
<tr>
<td>Oil Gas Water Gas-Oil Ratio</td>
</tr>
</tbody>
</table>

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