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

Operator: License # 3469
Name: Larry Wallgren
Address: P.O. Box 184
City/State/Zip: Logan, KS 67646
Purchase Date: 5/24/74

Operator Contact Name: Larry Wallgren
Phone: 830-3511

Contractor: License # 5422
Name: Abercrombie Drilling, Inc.

Well Site Geologist:

Designate Type of Completion
X new well
Re-entry
Harden

Drilling Method:
X Mud Rotary Air Rotary Cable

Spud Date: 10-26-87
Date Reached TD: 11-12-87
Completion Date: 11-12-87

Drillers Name: Don Milburn

Amount of Surface Pipe Set and Cemented at 21/2 Feet
Multiple Stage Cementing-Collar Used? X Yes No
If yes, show depth set 21/2 Feet If alternate 2 completion, cement circulated from 21/2 Feet depth to 34/16 x 50,000 psi cement

Invoice # 5122

WELL HISTORY

API No. 15-163-24-943-CD-00

County: Rush

Section: 58/4 Sec. 17 Twp. 7 Age: 19 East: X West

330 Ft North from Southeast Corner of Section 185

Field Name: Orteebel
Lease Name: U.S. 24
Producing Formation: KS-4a

Elevation: Ground

2019 KS 2024

2019 KS

Section Pier

WATER SUPPLY INFORMATION

Disposition of Produced Water: X Disposal

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 82-2-106 apply. All 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 Form ACO-1 with all plugged wells. Submit Form ACO-1 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 correct and complete to the best of my knowledge.

Signature: Larry Wallgren
Title: Larry Wallgren

Date: 5/24/87

Receivd 12-19-87

OFFICE USE ONLY

CONSERVATION DIVISION

Letter of Confidentiality Attached

Drillers Time Log Received
Distribution

KCC Yes No NGPA

KGS Yes No Other (Specify)

Subscribed and sworn to before me this 29th day of February, 1988

Notary Public

Date of Commission Expires 2/28/89

RECEIVED

SEAL

3-18-87

3-25-87

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.

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<table>
<thead>
<tr>
<th>Drill Stem Tests Taken</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samples Sent to Geological Survey</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Cores Taken</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**Output #1 3335-3355 -**

- **15'-45'-90'-45'**
- **Rec: 300, 300, 100, 100**
- **ISIP: 95, 95, 95, 95**
- **FP: 50, 50, 50, 50**
- **IHP: 144**

**Output #2 3358-3378 -**

- **15'-45'-60'-45'**
- **Rec: 250, 100, 100, 350, 350**
- **ISIP: 95, 95, 95, 95, 95**
- **FP: 63, 63, 63, 63, 63**
- **IHP: 157, 157, 157, 157, 157**

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**RELEASED**

 JAN 11 1969

**FROM CONFIDENTIAL**

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**CASING RECORD**

- **New**
- **Used**

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole Drilled</th>
<th>Size Casing Set (in G.I.)</th>
<th>Weight Lbs./Ft.</th>
<th>Setting Depth</th>
<th>Type of Cement</th>
<th>Packs Used</th>
<th>Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12-1/4</td>
<td>8-5/8</td>
<td>20</td>
<td>207</td>
<td>60/40 pgs.</td>
<td>160</td>
<td>3% C.C. 2% gel</td>
</tr>
<tr>
<td>Production</td>
<td>5-1/2</td>
<td>14</td>
<td>3473</td>
<td></td>
<td></td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>D V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>350</td>
<td>6% gel</td>
</tr>
</tbody>
</table>

**PERFORATION RECORD**

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>Specialty Footage of Each Interval Perforated</th>
<th>Acid, Fracture, Shot, Cement squeeze Record (Amount and Kind of Material Used)</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 / 3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TUBING RECORD**

<table>
<thead>
<tr>
<th>Size</th>
<th>Set At Pecker et</th>
<th>Liner Run</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.8</td>
<td>3480</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Date of First Production**

**Producing Method**

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

**Estimated Production**

- Oil: 20 Barrels
- Gas: 100 MCF
- Water: 100 Bbls
- Gas-Oil Ratio: 5.3

**METHOD OF COMPLETION**

- Production Interval

**Disposition of gas**

- Vent
- Sold
- Used on Lease

- Open Hole
- Perforation
- Other (Specify)
Dst #3 3380-3398  15-45  15-45
Rec. 5' mud NS
ISP  5'/4.5' FSP  6'/4.5'
FP  42'/44'  52'/52'
IHP  1657  FHP  1635  BHT  111°

Dst #4 3468-3482
  Opened tool 15 minutes, weak blow  
  came out with tool.
  Rec. 10' cement (15% oil, 85% mud) 
  good show of free air.  Trip  
  Flow Pressures 52/52
  IHP  1743  FHP  1700  BHT  112°

Dst #5 3469-3489
  15-45  60-45
  Rec. 30' GIP  
  110' GDC  33 gr.
  40' HMC  65' oil, 15% mud
ISP  54'/4.5' FSP  38'/4.5'
FP  52'/52'  74'/74'
IHP  1665  FHP  1638  BHT  111°

FROM CONFIDENTIAL

 Released

 Date 1/1/89

CONSERVATION DIVISION
With KANSAS

Hays......913/625-6518  Great Bend. 316/703-8333
Colby......913/622-7561  Wichita. 316/265-4376