**State Corporation Commission of Kansas**

**Oil & Gas Conservation Division**

**Well Completion Form**

**ACD-1 Well History**

**Description of Well and Lease**

**Operator:** Frontier Oil Company  
**Operator License No.:** 5140

**Operator Contact Person:** George A. Angle  
**Phone:** 316-263-1201

**Contractor:** Red Tiger Drilling Co.  
**License:** 5302

**Wellsite Geologist:** Richard D. Parker  
**Designate Type of Completion:** New Well

**Re-Entry**

1. **Oil**
2. **Gas**
3. **Dry**
4. **SWD** (Temp. Abdn., Wichita, Kansas)
5. **Inj**
6. **X** Delayed Comp.
7. **Other** (Core, Water Supply, etc.)

**If OMMO:** Old well info as follows:  
**Operator:**  
**Well Name:**  
**Comp. Date:** Old Total Depth

**Drilling Method:**

1. **X** Mud Rotary  
2. **Air Rotary**  
3. **Cable**

**4-19-91**  
**4-27-91**  
**N/A**

**Spud Date**  
**Date Reached TD**  
**Completion Date**

**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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACD-2 within 120 days from commencement date of such work.

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:** George A. Angle  
**Title:** Agent  
**Date:** 6-4-91

**Subscribed and sworn to before me this 4th day of June, 1991.**

**Notary Public:** DANN DRENNAN  
**State of Kansas**  
**By/Ph.D. Eng.**

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**K.C.C. Office Use Only**

- **F** Letter of Confidentiality Attached
- **C** Wireline Log Received
- **C** Drillers Timelog Received

**Distribution**

- **KCC**  
- **SWD/Rep**  
- **NGPA**  
- **KGS**  
- **Plug**  
- **Other**

**(Specify)**

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**Form ACD-1 (7-89)**
CONFIDENTIAL

Operator Name: Frontier Oil Company

Lease Name: Burton

Well #: 5

Sec. 15 Twp: 78 Rge: 19W

County: Rooks

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 temperatures, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

(Log attached)

Drill Stem Tests Taken

☐ Yes ☐ No

(Attach Additional Sheets.)

Samples Sent to Geological Survey

☐ Yes ☐ No

Cores Taken

☐ Yes ☐ No

Electric Log Run

☐ Yes ☐ No

(Submit Copy.)

DST #1 (3268-3336) 15-30 Packer Failure
Rec. 620' M IF 444-625 30" SIP 995#.

DST #2 (3292-3336) Packer Failure

Formation Description

☐ Log ☐ Sample

Name

Anhydrite

Top 1431 + 501

Topeka

2885 - 953

Heebner

3087 -1155

Toronto

3110 -1178

Lansing-Kansas City

3126 -1194

Base of Kansas City

3349 -1417

Conglomerate

3394 -1462

Arbuckle

3402 -1470

Granite Wash

3490 -1558

RTD

3550 -1618

CASING RECORD

☐ New ☐ Used

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>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Production</td>
<td>12&quot;/7-7/8&quot;</td>
<td>8-5/8&quot;</td>
<td>20#</td>
<td>264</td>
<td>60-40 POZ</td>
<td>170</td>
<td>2% gel, 3% CC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4-1/2&quot;</td>
<td>10#</td>
<td>3457</td>
<td>ASC</td>
<td>160</td>
<td></td>
</tr>
</tbody>
</table>

PERFORATION RECORD

Specify Footage of Each Interval Perforated

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>Size</th>
<th>Set At</th>
<th>Packer At</th>
<th>Liner Run</th>
<th>Producing Method</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Date of First Production Producing Method</td>
<td>Flowing</td>
<td>Pumping</td>
<td>Gas Lift</td>
<td>Other (Explain)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Estimated Production Per 24 Hours</th>
<th>Oil Bbls.</th>
<th>Gas Mcf</th>
<th>Water Bbls.</th>
<th>Gas-Oil Ratio</th>
</tr>
</thead>
</table>

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled

☐ Other (Specify) __________________________

Production Interval
**ALLIED CEMENTING CO., INC.**

*Home Office P. O. Box 31*

**Date**: April 19, 1991

**Lease**: Burton

**Well No.**: 5

**Location**: Webster Dam 2N 1/4 W 3/4 S

**County**: Rockholly

**State**: KS

**Type Job**: Set Surface Pipe

**Hole Size**: 12-3/4" T.D. 268'

**Cag.**: 8-3/8" Depth 264'

**Tool**: Depth

**Cement Left in Cag.**: 18' Shoe Joint

**Press Max.**: Minimum

**Mess Line**: X Displace X

### EQUIPMENT

<table>
<thead>
<tr>
<th>No.</th>
<th>Equipment</th>
<th>Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>191</td>
<td>Pump Truck</td>
<td>Gary H.</td>
</tr>
<tr>
<td>191</td>
<td>Helper</td>
<td>Marilyn K.</td>
</tr>
<tr>
<td>212</td>
<td>Bulk Truck</td>
<td>Joe S.</td>
</tr>
</tbody>
</table>

### DEPTH of Job

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>Pump Truck - Surface</td>
<td>380.00</td>
</tr>
<tr>
<td>#13</td>
<td>Mileage @ 2.00/MI</td>
<td>50.00</td>
</tr>
<tr>
<td>1-81/2 Wooden Plug</td>
<td>(Sub Total)</td>
<td>42.00</td>
</tr>
</tbody>
</table>

### CEMENT

- **Ordered**: 170 sks @ 22gal 3 pecks
- **Consisting of**: Marrel 
- **Common**: 102 sks @ 5.25/shk | $635.50
- **Poz. Mix**: 68 sks @ 2.32/shk | 153.00
- **Gel**: 3 sks | N/C
- **Chloride**: 8 sks @ 21.00/shk | 105.00
- **Quickset**: Sales Tax

**Handling**: 0.00/shk (170 sks) | 170.00
**Mileage**: 0.04/shk/mt (25 mi) | 170.00

**Sub Total**: $1,133.50

### Remarks:

Cement Circulated
# Allied Cementing Co., Inc.

**Date:** 4-27-91  
**Location:** Webster, Kansas 67665  
**Owner:** Same  
**Contractor:** Red Tiger Oil Rig 8  
**Type Job:** Production  
**Hole Size:** 7 1/8"  
**Tdg. Size:** 4 1/2"  
**Cement Left in Cag:** 40.90  
**Press Max:** Minimum  
**Mess Line:** Yes  
**Perf:**  

## Equipment

<table>
<thead>
<tr>
<th>#191</th>
<th>No.</th>
<th>Pumptrk</th>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>Cementer</td>
<td>M. Kauflin</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Helper</td>
<td>Wayne M.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#212</th>
<th>No.</th>
<th>Bulkrk</th>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td></td>
<td>Driver</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Depths of Job</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference</td>
</tr>
<tr>
<td># Pump Trk</td>
</tr>
<tr>
<td>4 1/2 Plus</td>
</tr>
<tr>
<td>2.00 per sk</td>
</tr>
<tr>
<td>Sub Total</td>
</tr>
<tr>
<td>Tax</td>
</tr>
</tbody>
</table>

**Remarks:** 15 SKS in Rat Hole

## Charge

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work specified.

Charge To: Frontier Oil Co.
Street: 1437 N. Franklin
City: Russell  
State: Kan 67665

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. X

**Amount Ordered:** 175 SKS ASC

Consisting of:

- ASC - 175 SKS 725 1,268.75
- Foam Mix 500 gal 750.00  
- Chloride Quicksand 225.00  
- Sales Tax 175.00

Handling 1.00 per sk 161.00

Mileage 4.00 per sk/mi 23 miles  

**Sub Total:** 1,854.75

**Flooding Equipment:**

RECEIVED  
STATE CORPORATION COMMISSION  
JUN 05 1991  
CONSERVATION DIVISION  
Wichita, Kansas
To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cements and helper to assist owner or contractor to do work as listed.

From Confidential

Charge To:  Franko Oil Company
Street:  1437 N. Franklin
City:  Russell  State: KS  67665

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

CEMENT

Amount  Ordered  $35.00  Roy. 00  8%  Jr.

Consisting of  100  cts  Cem.  39.0  c.

Common  300  cts  $20  35  c  

Poz. Mix  13  cts  $33  75  c

Gel. 17  cts  $30  75  (total 23 cts)

Chloride 3   cts  $21  00  c

Quickset  

Sales Tax  

Handling  0.00  c/ct. (435  cts)

Mileage  00  41  c/mi. (25  mi)

Sub Total  2926  00

Total  

Ro  

Remarks: Ran packer below perforations tested tools
at 1500 ft. Came above pack and took injection
rate of 3 bbl/min at 300 ft. Mixed cement and
squeezed to 300 ft. Cleared hole. Pulled packer and put 50 yd. squeeze in hole.
Cement circulated from pack to the surface.

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RECEIVED

STATE CORPORATION COMMISSION

JUN 05 1991

CONSERVATION DIVISION
Wichita, Kansas