API NO. 15-179-21.087-0000

County  Sheridan  

Name  A. L. Abercrombie, Inc.  
Address  150 N. Main, Suite 801  
City/State/Zip  Wichita, Ks. 67202  
Purchaser:  

Operator Contact Person: Jerry Langrehr  
Phone  (316) 262-1841  
Contractor: Name  ABFCROMBIE RTD, INC  
License: 30684  
Wellsite Geologist: Kitt Noah  

Designate Type of Completion  
X New Well  Re-Entry  Workover  

Oil  SOD  SIOW  Temp. Abd.  
Gas  ENHR  SIOW  
XX Dry  Other (Core, WSW, Expl., Cathodic, etc)  

If Workover:  
Operator:  
Well Name:  
Comp. Date  Old Total Depth  

Deepening  Re-perf.  Conv. to Inj/SWD  
Plug Back  Conv. to Inj/SWD  
Commingle  Docket No.  
Dual Completion  Docket No.  
Other (SWD or Inj?)  Docket No.  

12-31-96  01-03-97  01-06-97  
Spud Date  Date Reached TD  Completion Date  

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  

Chloride content 1,000 ppm Fluid volume 750 bbls  
Dewatering method used  Evaporation  
Location of fluid disposal if hauled offsite:  

Operator Name  
Lease Name  
License No.  
Quarter Sec.  Twp.  S Rng.  E/W  
County  
Docket No.  

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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. 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  Vice President  
Date 01-29-97

Subscribed and sworn to before me this 29th day of January, 1997  
Notary Public  Sandra C. McCaig  
Date Commission Expires 1-31-98

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received

Distribution
KCC
KGS
Plug
NGPA
Other (Specify)

Form ACO-1 (7-91)
**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>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12 1/4&quot;</td>
<td>8 5/8&quot;</td>
<td>20#</td>
<td>355.73&quot;</td>
<td>60/40 pos</td>
<td>215</td>
<td>2%gel, 3%cc</td>
</tr>
</tbody>
</table>

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

<table>
<thead>
<tr>
<th>Purpose:</th>
<th>Depth</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforate</td>
<td>Top</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Protect Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Back TD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Off Zone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PERFORATION RECORD - Bridge Plugs Set/Type**

Specify Footage of Each Interval Perforated

**Acid, Fracture, Shot, Cement Squeeze Record**

(Amount and Kind of Material Used)

<table>
<thead>
<tr>
<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>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Date of First, Resumed Production, SWD or Inj.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Producing Method</th>
<th>Flowing</th>
<th>Pumping</th>
<th>Gas Lift</th>
<th>Other (Explain)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Estimated Production Per 24 Hours</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Oil</th>
<th>Bbls.</th>
<th>Gas</th>
<th>Mcf</th>
<th>Water</th>
<th>Bbls.</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
</tr>
</thead>
</table>

**Disposition of Gas:**

<table>
<thead>
<tr>
<th>Method of Completion</th>
<th>Production Interval</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Vented</th>
<th>Sold</th>
<th>Used on Lease</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(If vented, submit ACD-18.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Open Hole</th>
<th>Perf.</th>
<th>Dually Comp.</th>
<th>Commingled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other (Specify)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Drill Stem Tests Taken**

(Attach Additional Sheets.)

- Yes
- No

**Samples Sent to Geological Survey**

- Yes
- No

**Cores Taken**

- Yes
- No

**Electric Log Run**

(Submit Copy.)

- Yes
- No

**List All E.Logs Run:**

See Attached Sheet
MIDDY #1-22
W2-SE
Sec. 22-6S-26W
Sheridan Co., Ks.

15-119-21087

DST #1 3767' - 3789' (LKC 'B')
30-30-30-30
30' mud w/oil specks
41-51#  963#
61-61#  953#

Anhydrite 2236'-2269'
Topeka 3560' (-933')
Heebner 3717' (-1080')
Torrington 3742' (-1115')
Lansing 3757' (-1130')
RTD 3923' (-1296')

DST #2 3848'-3923' (LKC 'H'-'K')
30-30-30-30
20' oil specked mud
51-51#  740#
51-51#  628#
**ALLIED CEMENTING CO., INC.**

**REMIT TO:** P.O. BOX 31
**RUSSELL, KANSAS 67665**

**SERVICE POINT:**

<table>
<thead>
<tr>
<th>Date</th>
<th>SEC</th>
<th>TWP</th>
<th>RANGE</th>
<th>CALLED OUT</th>
<th>ON LOCATION</th>
<th>JOB START</th>
<th>JOB FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-31-96</td>
<td>22</td>
<td>6S</td>
<td>26W</td>
<td>Stukey</td>
<td>8:30 PM</td>
<td>11:30 AM</td>
<td>12:00 AM</td>
</tr>
</tbody>
</table>

**Lease:** WELL # 1-22
**Location:** Stukey 1/2 M - 2 1/2 W

**Contractor:** ABERCROMBIE RTO ALL

**Type of Job:** SURFACE

<table>
<thead>
<tr>
<th>Hole Size</th>
<th>12 1/2’ TD</th>
<th>760’</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing Size</td>
<td>8 3/4’ DEPTH</td>
<td>355’</td>
</tr>
<tr>
<td>Tubing Size</td>
<td>DEPTH</td>
<td>DEPTH</td>
</tr>
<tr>
<td>Drill Pipe</td>
<td>DEPTH</td>
<td>DEPTH</td>
</tr>
<tr>
<td>Tool</td>
<td>MINIMUM</td>
<td>SHOE JOINT</td>
</tr>
<tr>
<td>Pres. Max</td>
<td>15’</td>
<td></td>
</tr>
<tr>
<td>Meas. Line</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cem. Left in CSG.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumps</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Equipment**

<table>
<thead>
<tr>
<th>Pump Truck</th>
<th>Cementer</th>
<th>Terry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Helper</td>
<td>WAYNE</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bulk Truck</th>
<th>Driver</th>
<th>WAYNE</th>
</tr>
</thead>
</table>

**Remarks:**

*Extra Charge: 215 SKS 1-1/2 @ 7.00 12/28/86*

*Thank You*

**Charge To:** A.L. ABERCROMBIE INC.

**Street:** 150 N. MAIN
**City:** WICHITA
**State:** KS
**ZIP:** 67202

---

**Amount Ordered:** 215 SKS 1-1/2 @ 7.20 12/28/86

**Common:** 129 SKS @ 7.20 12/28/86

**Pozmix:** 86 SKS @ 9.20 12/28/86

**Gel:** 4 SKS @ 9.20 12/28/86

**Chloride:** 7 SKS @ 28.20 12/28/86

**Handling:** 215 SKS @ 105 12/28/86

**Mileage:** 40 miles @ 1.88 12/28/86

**Plug:** 3/4 Surface @ 40.20 12/28/86

**Total:** 2,261.85

---

**Depth of Job:** 755

**Pump Truck Charge:** 4,458.85

**Extra Footage:** 35’ @ 6.41 12/28/86

**Mileage:** 70 miles @ 2.88 12/28/86

**Plug:** 3/4 Surface @ 40.20 12/28/86

**Total:** 712.85

---

**Float Equipment**

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**Tax**

**Total Charge**

**Discount**

**If Paid in 30 Days**

---

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 as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

**Signature**

---

*(Note: The document includes a signature, but it is not legible in the image provided.)*
# Allied Cementing Co., Inc.

**REMIT TO**  P.O. BOX 31  
**RUSSELL, KANSAS 67665**

**DATE:** 1-5-99  
**SERVICE POINT:**  

<table>
<thead>
<tr>
<th>DATE</th>
<th>SEC.</th>
<th>TWP.</th>
<th>RANGE</th>
<th>CALLED OUT</th>
<th>LOCATION</th>
<th>ON LOCATION</th>
<th>JOB START</th>
<th>JOB FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-5-99</td>
<td>22</td>
<td>6</td>
<td>26</td>
<td></td>
<td></td>
<td>11:00AM</td>
<td>11:30 AM</td>
<td>2:00 PM</td>
</tr>
</tbody>
</table>

**LEASE:**  
**WELL #:** 1-22  
**LOCATION:** Studebaker

**COUNTY:**  
**STATE:**

**CONTRACTOR:**  
**Type of Job:** PTA

**HOLE SIZE:** 11"  
**T.D.:** 3925'  
**CASING SIZE:** DEPTH

**TUBING SIZE:** DEPTH

**DRILL PIPE:** DEPTH

**TOOL:** DEPTH

**PRESS. MAX:** MINIMUM

**MEAS. LINE:** SHOE JOINT

**CEMENT LEFT IN CSG:**

**PERFS:**

**EQUIPMENT**

<table>
<thead>
<tr>
<th>PUMP TRUCK</th>
<th>CEMENTER</th>
<th>HELPERS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td># 191</td>
<td>Walt</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BULK TRUCK</th>
<th>DRIVER</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td># 218</td>
<td>Lounie</td>
<td></td>
</tr>
</tbody>
</table>

**REMARKS:**  
20 ' SKS @ 22.50'  
100 ' SKS @ 19.50'  
40 ' SKS @ 40.5'  
15 ' SKS @ 46'  
10 ' SKS @ 46'  

**CHARGE TO:**  
**STREET:** 150 N MAIN ST  
**CITY:** Wichita  
**STATE:** Kan  
**ZIP:** 67201  

**SERVICE**

**DEPTH OF JOB**

**PUMP TRUCK CHARGE**  
**EXTRA FOOTAGE**

**MILEAGE:** 40-49 M  
**PLUG:** 85% D.H.

**TOTAL:** 1882.50

**FLOAT EQUIPMENT**

**TAX**

**TOTAL CHARGE**

**DISCOUNT**  
**IF PAID IN 30 DAYS**

---

To Allied Cementing Co., Inc.

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**SIGNATURE**

---