KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL PLUGGING RECORD
K.A.R. 82-3-117

Lease Operator: Northstar Investments, Inc.
Address: 13735 Pinnacle Drive - Wichita, KS 67230
Phone: (316) 733-8996 Operator License #: 30601

Type of Well: ENHR
Docket #: E-23,006
(Oil, Gas & A, SWD, ENHR, Water Supply Well, Catholic, Other) (if SWD or ENHR)
The plugging proposal was approved on: 01/20/04
by: District #2 - Doug Lewis
(KCC District Agent's Name)

Is ACO-1 filed? [ ] Yes [x] No
If not, is well log attached? [ ] Yes [ ] No

Producing Formation(s): List All (If needed attach another sheet)
Bartlesville Sand Depth to Top: 2464' Bottom: 2483' T.D. 2605'
N/A Depth to Top: N/A Bottom: N/A T.D. N/A

Show depth and thickness of all water, oil and gas formations.

<table>
<thead>
<tr>
<th>Oil, Gas or Water Records</th>
<th>Casing Record (Surface Conductor &amp; Production)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Content</td>
</tr>
<tr>
<td>Bartlesville 2464'-2783' Oil &amp; Water</td>
<td>Surface</td>
</tr>
<tr>
<td></td>
<td>Surface</td>
</tr>
<tr>
<td></td>
<td>Surface</td>
</tr>
</tbody>
</table>

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Ran 2 3/8" tubing to 500' w/ production packer. Mixed & pumped 50 sxs of cement (60/40, 4% gel, 2% cc) and displaced to 750'.
Pulled packer, waited 1 hour and ran wire line. Didn't find cement until 750'. Ran back in with 2 3/8' tubing to 700' and mixed cement.
Pumped 77 sxs of cement (60/40, 4% gel) to surface. Pulled tubing out and tied on to the annulus. Pumped 148 sxs of cement (60/40, 4% gel) until annulus pressured up to 50# and held. Shut well in. Topped off well per Dave Wertz (District #2) on 01/27/04.

Name of Plugging Contractor: United Cementing & Acid Company, Inc.
License #: #30437
Address: P.O. Box #2444 - El Dorado, KS 67042

Name of Party Responsible for Plugging Fees: Northstar Investments, Inc.

State of Kansas

Jeffrey A. Burk, Agent for Northstar Investments, Inc. (Employee of Operator) or (Operator) on above-described well, being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

RICHARD A. PAPE, JR.
Notary Public - State of Kansas
My Appt. Expires 8/31/08

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202
**United Cementing and Acid Co., Inc.**

Oil Well Cementing & Acidizing  
(316) 321-4680  •  800-794-0187  •  FAX (316) 321-4720  
2510 West 8th Street  •  El Dorado, KS 67042

**SERVICE TICKET**  
SEP 23 2004  
\[\sqrt{5086}\]

**CHARGE TO:** North Star  
**ADDRESS:**  
**CITY:**  
**ST:**  
**ZIP:**  

**LEASE & WELL NO.:** Liggett # W1  
**CONTRACTOR:** Sam's Well Service  
**SEC.:** 16  
**TWP.:** 26  
**RNG.:** 8 E  
**DIR. TO LOC.:** Rosalia East  
**TIME: 00:00**  
**NEW: NO.**  
**OLD: NO.**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>MATERIAL USED</th>
<th>HRS</th>
<th>Serv. Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>253.00</td>
</tr>
</tbody>
</table>

**BULK CHARGE**

**BULK TRK. MILES**

**PUMP TRK. MILES**

**PLUGS**

**SALES TAX:** 13.41  
**TOTAL:** 266.41

**T.D.:**  
**CSG. SET AT:**  
**VOLUME:**  
**TBG SET AT:**  
**VOLUME:**  
**SIZE PIPE:**  
**PKER DEPTH:**  
**TIME FINISHED:** 11:00

**REMARKS:** Via Tubing Per Spec 4/14

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**EQUIPMENT USED**

**NAME:**  
**UNIT NO.:**  
**NAME:**  
**UNIT NO.:**

**CEMENTER OR TREATER:**  
**OWNER'S REP.:**
# Service Ticket

**United Cementing and Acid Co., Inc.**

**Oil Well Cementing & Acidizing**

(316) 321-4680 • 800-784-0187 • FAX (316) 321-4720
2510 West 6th Street • El Dorado, KS 67042

**RECEIVED**

KANSAS CORPORATION COMMISSION

SEP 23 2004

5089

**CONSERVATION DATABASE 1-26-04**

WICHITA, KS

**COUNTY** Butler **CITY**

**CHARGE TO** North Star

**ADDRESS**

**CITY**

**ST**

**ZIP**

**LEASE & WELL NO.** Liggett W #1

**CONTRACTOR** Sam's Well Service

**KIND OF JOB** Old hole plug

**SEC.** 16 **TWP.** 26S **RNG.** 8E

**DIR. TO LOC.** Rosela, 4E, 25. Into

**QTY** 445 **OLD & NEW**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>MATERIAL USED</th>
<th>Serv. Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>275 s 60/40 4% gel</td>
<td>@ 4.05</td>
<td>482.09</td>
</tr>
<tr>
<td>115 s gel</td>
<td>@ 9.70</td>
<td>106.70</td>
</tr>
<tr>
<td>25 s calcium chloride @9#s PDR 7# - Rental</td>
<td>800.09</td>
<td></td>
</tr>
</tbody>
</table>

**BULK CHARGE**

<table>
<thead>
<tr>
<th>BULK TRK. MILES</th>
<th>PUMP TRK. MILES</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.70 Ton</td>
<td>4.00</td>
</tr>
</tbody>
</table>

**PLUGS**

<table>
<thead>
<tr>
<th>T.D.</th>
<th>CSG. SET AT</th>
<th>VOLUME</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>38,030</td>
</tr>
</tbody>
</table>

**SIZE HOLE**

**MAX. PRESS.**

**PLUG DEPTH**

**PLUG USED**

**TIME FINISHED** 4:45

**REMARKS:** Ran 2" with a "prodpacker" 4/8" to 500ft. Mix and pump 505x 60/40 4%gel with 25x calcium chloride, and disp. to 750ft. Pulled packer out. Ran a wire line and did not hit cement. Ran 2" to 700ft mix and pump 775x 60/40 4%gel to surface. Pulled 2" tubing out, tied onto the 4/8" mixed and pumped 1485x 60/40 4%gel till press. up to 500ft and shaw.

**EQUIPMENT USED**

**NAME** Phillip Malone P 40

**UNIT NO.** 44

**CEMENTER OR TREATOR**

**NAME** Jerry Hudson P 7

**UNIT NO.**

**OWNER'S REP.**

**Signature**