Lease Operator: L.D. Drilling, Inc.
Address: 7 SW 26 Ave., Great Bend, KS 67530
Phone: (620) 793 - 3051 Operator License #: 6039

Type of Well: Oil D & A
Docket #: (Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic, Other) (If SWD or ENHR)
The plugging proposal was approved on: 04-24-05 (Date)
by: Mike Maier (KCC District Agent's Name)
Is ACO-1 filed? Yes No If not, is well log attached? Yes No
Producing Formation(s): List All (If needed attach another sheet)

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>Formation</td>
<td>Content</td>
</tr>
<tr>
<td>*see attached drilling</td>
<td>report</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.

Plugged hole with 135 sacks of 60/40 Poz, 6% gel.

1st plug @ 860' with 50 sacks. 2nd plug @ 340' with 50 sacks. 3rd plug @ 40' with 10 sacks to surface.

Plug mouse hole with 10 sacks. Plug rat hole with 15 sacks. Plug down @ 6:00 am on 04-25-05 by Acid Services (tkt # 10064).

Name of Plugging Contractor: Acid Services
Address: PO Box 8613, Pratt, KS 67124

Name of Party Responsible for Plugging Fees: L.D. Davis

State of Kansas County, Barton, ss.

Chris Batchman, VP/GM of Southwind Drilling, 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.

(Signature) Chris Batchman
(Address) PO Box 276, Ellinwood, KS 67526

SUBSCRIBED and SWORN TO before me this 26 day of April, 2005

Notary Public

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202
SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS

Lease: MORTON #1

Plugging received from KCC representative:
Name: MIKE MAIER Date 4-24-05 Time 8:00 P.M.

1st plug @ 860 ft. 50 sx. Stands: 14
2nd plug @ 340 ft. 50 sx. Stands: 5 1/2
3rd plug @ 40 ft. 10 sx. Stands:
4th plug @ ft. sx. Stands:
5th plug @ ft. sx. Stands:

Mouschole 10 sx.
Rahole 15 sx.
Total Cement used: 135 sx.

Type of cement 60/40 POZ, 6% GEL

Plug down @ 6:00 A.M. 4-25-05 BY ACO SERVICE TMR.10064

Call KCC When Completed:
Name: MIKE MAIER Date 4-25-05 Time 8:45 a.m

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**TREATMENT REPORT**

**Customer ID**

**Customer**

**Lease**

**Lease No.**

**Well #**

**Field Order #**

**Station**

**Casing**

**Depth**

**County**

**State**

**Type Job**

**Formation**

**Legal Description**

<table>
<thead>
<tr>
<th>PIPE DATA</th>
<th>PERFORATING DATA</th>
<th>FLUID USED</th>
<th>TREATMENT RESUME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing Size</td>
<td>Tubing Size</td>
<td>Shots/Ft</td>
<td>Add WATER</td>
</tr>
<tr>
<td>Depth</td>
<td>Depth</td>
<td>From To</td>
<td>35</td>
</tr>
<tr>
<td>Volume</td>
<td>Volume</td>
<td>From To</td>
<td>35</td>
</tr>
<tr>
<td>Max Press</td>
<td>Max Press</td>
<td>From To</td>
<td>35</td>
</tr>
<tr>
<td>Well Connection</td>
<td>Annulus Vol.</td>
<td>From To</td>
<td>35</td>
</tr>
<tr>
<td>Plug Depth</td>
<td>Packer Depth</td>
<td>From To</td>
<td>35</td>
</tr>
</tbody>
</table>

**Customer Representative**

**Station Manager**

**Treater**

<table>
<thead>
<tr>
<th>Service Units</th>
<th>Casing Pressure</th>
<th>Tubing Pressure</th>
<th>Bbls. Pumped</th>
<th>Rate</th>
<th>Service Log</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Truckson location and hold safety meeting</td>
</tr>
<tr>
<td>4:45</td>
<td>200</td>
<td>15</td>
<td>5</td>
<td>Start H2O Pre-Flush</td>
<td></td>
</tr>
<tr>
<td>4:55</td>
<td>200</td>
<td>29</td>
<td>5</td>
<td>Start Displacement</td>
<td></td>
</tr>
<tr>
<td>5:18</td>
<td>15</td>
<td>5</td>
<td>5</td>
<td>Start H2O Pre-Flush</td>
<td></td>
</tr>
<tr>
<td>5:24</td>
<td>Vacum</td>
<td>35</td>
<td>Stop pumping</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6:00</td>
<td></td>
<td></td>
<td></td>
<td>2nd Play 500 shots at 40'</td>
<td></td>
</tr>
<tr>
<td>6:05</td>
<td></td>
<td></td>
<td></td>
<td>Start Displacement</td>
<td></td>
</tr>
<tr>
<td>6:10</td>
<td></td>
<td></td>
<td></td>
<td>Stop pumping</td>
<td></td>
</tr>
<tr>
<td>6:30</td>
<td></td>
<td></td>
<td></td>
<td>3rd Play 100 shots at 40'</td>
<td></td>
</tr>
<tr>
<td>6:30</td>
<td></td>
<td></td>
<td></td>
<td>Wash up pump truck</td>
<td></td>
</tr>
</tbody>
</table>

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**Job Complete**

**Thanks**

**Clarence R. Messich**

---

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383
## A. C. I. D. Services, LLC

**Invoice No.**

**Date:** 4-25-05

**Customer ID:**

**L.D. Drilling, Incorporated**

**Lease:** Morton

**Well #:** 1

**County:** Stafford

**State:** KS

**Legal:** 15-22S-14W

**Station:** Pratt

**Depth:**

**Formation:**

**Shoe Joint:**

**Casing:** 4 1/2" O.D.

**Casing Depth:**

**TD:**

**Job Type:** Cement P.T.A. New Well

**Customer Representative:** Daryl Pier

**Treater:** Clarence R. Messick

---

**Charge**

**AFE Number**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Quantity</th>
<th>Material, Equipment and Services Used</th>
<th>Unit Price</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-203</td>
<td>135 slt.</td>
<td>60/40 POZ (Common)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C-320</td>
<td>468 lb.</td>
<td>Cement Gel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E-100</td>
<td>40 mi.</td>
<td>Heavy Vehicle Mileage 1-Way</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E-101</td>
<td>40 mi.</td>
<td>Pickup Mileage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E-104</td>
<td>234 ft.</td>
<td>Built Delivery</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E-107</td>
<td>135 slt.</td>
<td>Cement Service Charge</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R-400</td>
<td>1 ea.</td>
<td>Cement Pumper, Plug and Abandon</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Discounted Price = $2,282.44**

**Plus Taxes**

---

**Received**

**APR 27, 2005**

**KCC Wichita**

---

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383
SOUTHWIND DRILLING, INC.
RIG #2
PO Box 276, Ellinwood, KS 67526
Office Phone 620-564-3800, Fax 620-564-3845

DRILLING REPORT

Location: E/2-SW-SE
API#: 15-185-23313-00-00

OWNER: L.D. Drilling, Inc.
CONTRACTOR: Southwind Drilling, Inc. Rig #2

TOTAL DEPTH: Driller: 3863’
Log: None

LOG:
0’ - 315’ Sand/Redbed
315’ - 830’ Sand/Shale
830’ - 853’ Anhydrite
853’ - 1260’ Shale
1260’ - 3863’ Lime/Shale
3863’ RTD

COMPLETED: 04-24-05
Ground Elevation: 1933’
KB Elevation: 1942’

CASING RECORDS

Surface casing – 8 5/8”
Ran 7 joints of 23# new 8 5/8” surface casing. Tally @ 299.63’. Set @ 310’. Cement with 325 sacks of 60/40 Poz, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 1:00 am on 04-19-05 by Acid Services (tkt # 10182).

Production casing – 5 1/2”
None – plugged well

DEVIATION SURVEYS

1 degree (s) @ 315’
½ degree (s) @ 3515’

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Driving Directions: From Seward, 1 mile South on 219 Hwy to 19 Hwy, 2 1/2 miles West on Hwy 19, 2 miles South on paved road to flagged intersection, West on gravel road 1650' to flag opposite location, then 660' into field to stake.

Day | Date | Survey @ 315' = 1 degree
--- | --- | ---
1 | 04-18-05 | Moved Rig #2 on location
    | | Spud @ 6:45 pm
    | | Ran 3.50 hours drilling (.50 drill rat hole, 3.00 drill 12 ¼"). Down 20.50 hours (11.25 rig up, .25 CTCH, 1.00 connection,.25 trip,.25 survey, 1.50 run casing/cement, 6.00 wait on cement)
    | | Mud properties: freshwater
    | | Wt. on bit: 30,000, 110 RPM, 500# pump pressure
    | | Hours on 12 ¼" bit: 3.00
    | | Fuel usage: 138 gals. (78" used 4") 24" + 58" deliver = 82"
    | | Ran 7 joints of 23# new 8 5/8" surface casing. Tally @ 299.63'. Set @ 310'. Cement with 325 sacks of 60/40 Poz, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 1:00 am on 04-19-05 by Acid Services (tkt # 10182).

Day | Date | Anhydrite (830'-853')
--- | --- | ---
2 | 04-19-05 | 7:00 am – Waiting on cement @ 315'
    | | Ran 16.25 hours drilling. Down 7.75 hours (.25 rig check, 1.00 rig repair, 2.00 wait on cement, .50 drill plug, 3.00 connection, 1.00 jet)
    | | Mud properties: freshwater
    | | Daily Mud Cost = $0.00. Mud Cost to Date = $0.00
    | | Wt. on bit: 30,000, 80 RPM, 750# pump pressure
    | | Hours on 12 ⅛" bit: 3.00
    | | Hours on 7 7/8" bit: 16.25
    | | Fuel usage: 276 gals. (70" used 8")

Day | Date | Wednesday
--- | --- | ---
3 | 04-20-05 | 7:00 am – Drilling @ 1770'
    | | Ran 17.25 hours drilling. Down 6.75 hours (.75 rig check, 3.75 rig repair, 1.00 jet, 1.25 connection)
    | | Mud properties: freshwater
    | | Daily Mud Cost = $0.00. Mud Cost to Date = $0.00
    | | Wt. on bit: 30,000, 80 RPM, 750# pump pressure
    | | Hours on 12 ¼" bit: 3.00
    | | Hours on 7 7/8" bit: 33.50
    | | Fuel usage: 345 gals. (60" used 10")

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Driving Directions: From Seward, 1 mile South on 219 Hwy to 19 Hwy, 2 ½ miles West on Hwy 19, 2 miles South on paved road to flagged intersection, West on gravel road 1650’ to flag opposite location, then 660’ into field to stake.

Day  4  Date  04-21-05  Thursday

7:00 am – Drilling @ 2595’
Ran 20.00 hours drilling. Down 4.00 hours (.50 rig check, .50 rig repair, 1.00 jet, 1.50 connection, .50 displace @ 3210’)
Mud properties: wt. 8.7, vis. 57
Daily Mud Cost = $0.00. Mud Cost to Date = $0.00
Wt. on bit: 35,000, 80 RPM, 800# pump pressure
Hours on 12 ¼” bit: 3.00
Hours on 7 7/8” bit: 53.50
Fuel usage: 241.50 gals. (53” used 7”)

Day  5  Date  04-22-05  Friday

DST #1 (3471’-3515’)
LKC “B” – “E” formation
Recovered 10’ mud
Survey @ 3515’ = ¼ degree

7:00 am – Drilling @ 3365’
Ran 8.75 hours drilling. Down 15.25 hours (2.00 CFS @ 3515’, 1.00 CTCH, .75 short trip, .25 rig check, .25 rig repair, .50 connection, 7.25 trips, 2.00 DST #1, .25 survey, 1.00 CFS @ 3600’)
Mud properties: wt. 8.9, vis. 70
Daily Mud Cost = $3,462.00. Mud Cost to Date = $3,462.00
Wt. on bit: 35,000, 80 RPM, 800# pump pressure
Hours on 12 ¼” bit: 3.00
Hours on 7 7/8” bit: 62.25
Fuel usage: 345 gals. (43” used 10’)

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Driving Directions: From Seward, 1 mile South on 219 Hwy to 19 Hwy, 2 1/2 miles West on Hwy 19, 2 miles South on paved road to flagged intersection, West on gravel road 1650' to flag opposite location, then 660' into field to stake.

Day 6
Date 04-23-05
Saturday

DST #2 (3573'-3600')
LKC "H" formation
Recovered 25' mud
DST #3 (3598'-3633')
LKC "1"-"1" formation
Recovered 70' oil spotted mud

7:00 am – CFS @ 3600'
Ran 1.00 hour drilling. Down 23.00 hours (.50 CFS @ 3600', 15.25 trips, 2.00 DST #2, 1.00 CTCH, 1.00 CFS @ 3633', .25 connection, 3.00 DST #3)
Mud properties: wt. 9.0, vis. 54
Daily Mud Cost = $0.00. Mud Cost to Date = $3,462.00
Wt. on bit: 35,000, 80 RPM, 800# pump pressure
Hours on 12 1/4" bit: 3.00
Hours on 7 7/8" bit: 63.25
Fuel usage: 172.50 gals. (38" used 5")

Day 7
Date 04-24-05
Sunday

RTD = 3863'

7:00 am – CTCH @ 3633'
Ran 9.50 hours drilling. Down 14.50 hours (.25 rig check, 1.00 CTCH, .50 connection, .50 CFS @ 3822', .75 CFS @ 3846', 1.00 CFS @ 3853', 1.00 CFS @ 3863', 5.00 lay down pipe, 3.50 plug well, 1.00 tear down)
Mud properties: wt. 8.9, vis. 70
Daily Mud Cost = $0.00. Total Mud Cost = $3,462.00
Wt. on bit: 35,000, 80 RPM, 800# pump pressure
Hours on 12 1/4" bit: 3.00
Hours on 7 7/8" bit: 72.75
Fuel usage: 276 gals. (30" used 8")

Day 8
Date 04-25-05
Monday

Plug well with 135 sacks of 60/40 Poz, 6% gel. 1st plug @ 860' with 50 sacks. 2nd plug @ 340' with 50 sacks. 3rd plug @ 40' with 10 sacks to surface. Plug mouse hole with 10 sacks. Plug rat hole with 15 sacks. Plug down @ 6:00 am on 04-25-05 by Acid Services (tkt #10064)

RECEIVED
APR 27 2005
KCC WICHITA