Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

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

API Number: 15 - 083-21491-00-00
Lease Name: Anita Ruby
Well Number: 1
Spot Location (QQQQ): 970 SE NE NE
970 Feet from North / South Section Line
Feet from East / West Section Line
Sec. 15 Twp. 24 S. R. 23 East / West
Hodgeman
County: Hodgeman
Date Well Completed: D & A
Plugging Commenced: 02-03-05
Plugging Completed: 02-03-05

Lease Operator: Larson Operating Company-A Division Of Larson Engineering, Inc.
Address: 562 West Highway 4, Olmitz, KS 67564
Phone: (620) 653-7368 Operator License #: 3842
Type of Well: Off-D & A Docket #: (Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic, Other) (IF SWD or ENHR)
The plugging proposal was approved on: 02-03-05 (Date)
by: Richard Lacey (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)

<table>
<thead>
<tr>
<th>Depth to Top</th>
<th>Bottom</th>
<th>T.D.</th>
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</thead>
<tbody>
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</tbody>
</table>

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 Content From To</td>
<td>Size Put In Pulled Out</td>
</tr>
<tr>
<td>*see attached drilling 0' 335'</td>
<td>8 5/8&quot; new 24# 323.53' 0'</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 205 sacks of 60/40 Poz, 6% gel, 1/4# flo-seal per sack.

1st plug @ 1540' with 50 sacks. 2nd plug @ 800' with 80 sacks. 3rd plug @ 370' with 50 sacks.

4th plug @ 40' with 10 sacks to surface. Plug rat hole with 15 sacks.

Plug down @ 7:00 pm on 02-03-05.

Name of Plugging Contractor: Allied Cementing, Southwind Drilling Inc. License #: 33,388
Address: PO Box 31, Russell, KS 67665

Name of Party Responsible for Plugging Fees: Tom Larson

State of Kansas County, Barton

Todd E. Morgenstern, VP/OP 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) Todd E. Morgenstern
(Address) PO Box 276, Ellinwood, KS 67526

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KCC WIICHITA

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

Lease: **ANITA RUBY**

Plugging received from KCC representative:
Name: **RICHARD LACEY** Date 2-3-05 Time 8:10

1st plug @ 1540 ft. 50 sx. Stands: 25

2nd plug @ 800 ft. 80 sx. Stands: 13

3rd plug @ 370 ft. 50 sx. Stands: 6

4th plug @ 40 ft. 10 sx. Stands: __________

5th plug @ _________ ft. _________ sx. Stands: __________

Mousehole __________ sx.

Rahole 15 sx.

Total Cement used: ______ 205 sx.

Type of cement 60/40 POZ, 6% gel, 1/4" FLO SEAL PER, SK.

Plug down @ 7:00 p.m.; 2-3-04 BY ALLIED - TICKET NO.- 17458

Call KCC When Completed:
Name: **Michele Pennington** Date 2-4-05 Time 8:10

(RECEIVED
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KCC WICHITA)
## Allied Cementing Co., Inc.

**Remit To:** P.O. Box 31  
Russell, Kansas 67665

**Service Point:** [Name/Address]

<table>
<thead>
<tr>
<th>Date: 2-3-05</th>
<th>Sec.: 15</th>
<th>Twp.: 24</th>
<th>Range: 23</th>
<th>Called Out: 1:30 pm</th>
<th>On Location: 4:15 pm</th>
<th>Job Start: 5:30 pm</th>
<th>Job Finish: 7:00 pm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lease: Anita</td>
<td>Well #: 1</td>
<td>Location: Jetmore 9.5 4E 54W</td>
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<tr>
<td>Old or New (circle one)</td>
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**Contractor:** Southwood Drilling

**Type of Job:** Rotary Plus

**Cement:**
- Common @
- Pozmix @
- Gel @
- Chloride @
- ASC @

**Displacement:**

**Equipment:**
- Pump Truck: Cementser Mark  
  Helper: [Last Name]
- Bulk Truck: Driver [Last Name]

**Remarks:**

- 50 x 1.540'
- 80 x 880
- 50 x 2 320
- 10 x 40
- 15 x RH

**Charge To:** [Last Name]

**Street:**

**City:**

**State:**

**Zip:**

**To Allied Cementing Co., Inc.**

You are hereby requested to rent cementing equipment and furnish services as outlined above.

**Service:**

- Depth of Job: 1540

**Plug & Float Equipment:**

- Manifold @

**Handling:**

**Mileage:** 40

**Total:**

**Service Date:** FEB 08 2005

**KCC Wichita:** Pick up

**Received:**

**TOTAL:**

---

**Plug & Float Equipment:**

- 1-87/8 Drilling Hole @

---
DRILLING REPORT

Location: 20° N & 230 E-SE-NE-NE
API#: 15-083-21491-00-00

OWNER: Larson Operating Company
CONTRACTOR: Southwind Drilling, Inc. Rig #1

TOTAL DEPTH: Driller: 4700’
Log: 4697’

LOG:

0’ - 1510’ Shale & Sand
1510’ - 1540’ Anhydrite
1540’ - 3069’ Shale & Sand
3069’ - 3545’ Shale
3545’ - 3955’ Shale & Lime
3955’ - 4255’ Shale
4255’ - 4390’ Lime & Shale
4390’ - 4600’ Shale
4600’ - 4700’ Lime & Shale
4697’ LTD
4700’ RTD

CASING RECORDS

Surface casing – 8 5/8”
Ran 8 joints of 24# new 8 5/8” casing. Tally @ 323.53’. Set @ 335’. Cement with 200 sacks of common, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 7:30 am on 01-26-04 by Allied Cementing (tkt #20628)

Production casing – 5 1/4”
None – plugged well

DEVIATION SURVEYS

1/2 degree (s) @ 340’
1 degree (s) @ 4640’

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Driving Directions: From Jetmore (junction of Hwy 283 & Hwy 156), 9 miles South on Hwy 283, 4 miles East, ¾ mile North, West into.

Day 1

Date 01-25-05 Tuesday Survey @ 340' = 1/2 degree

Moved Rig #1 on location
Spud @ 12:00 am (midnight)
Ran 3.75 hours drilling (.50 drill rathole, 3.25 drill 12 ¼’). Down 20.25 hours (1.75 finish up other well, 11.75 tear down/move/rag up, 3.00 rig repair, 1.25 connection, .25 jet, .25 circulate, .50 trip, 1.50 run surface pipe/cement)
Mud properties: freshwater
Wt. on bit: all, 120# RPM, 600# pump pressure
Hours on 12 ¼” bit: 3.25
Fuel usage: 144 gals.

Day 2

Date 01-26-05 Wednesday

7:00 am – Cementing surface casing @ 340’
Ran 10.75 hours drilling. Down 13.25 hours (.25 circulate casing, .25 cement surface casing, 8.00 wait on cement, .50 trip in with bit, .25 drill plug, .25 rig check, 1.25 jet, 2.50 connection)
Mud properties: freshwater
Mud Cost to Date = $1,162.75
Wt. on bit: 30,000, 80 RPM, 700# pump pressure
Hours on 12 ¼” bit: 3.25
Hours on 7 7/8” bit: 10.75
Fuel usage: 160 gals.

Day 3

Date 01-27-05 Thursday

7:00 am – Drilling @ 1480’
Ran 18.50 hours drilling. Down 5.50 hours (.75 rig check, 1.25 jet, 3.00 connection, .50 rig repair)
Mud properties: freshwater
Daily Mud Cost = $105.20. Mud Cost to Date = $1,267.85
Wt. on bit: 30,000, 80 RPM, 700# pump pressure
Hours on 12 ¼” bit: 3.25
Hours on 7 7/8” bit: 29.25
Fuel usage: 352 gals.
Driving Directions: From Jetmore (junction of Hwy 283 & Hwy 156), 9 miles South on Hwy 283, 4 miles East, ¾ mile North, West into.

Day | 4 | Date | 01-28-05 | Friday | Anhydrite (1510'-1540')
--- | --- | --- | --- | --- | ---
7:00 am – Drilling @ 2570’
Ran 18.25 hours drilling. Down 5.75 hours (.75 rig check, .25 jet, 1.00 connection, .25 fill premix, 2.75 trip out/hole in pipe, .75 rig repair)
Mud properties: wt. 9.6, vis. 30
Daily Mud Cost = $2,200.19. Mud Cost to Date = $3,468.04
Wt. on bit: 30,000, 80 RPM, 700# pump pressure
Hours on 12 ¼” bit: 3.25
Hours on 7 7/8” bit: 47.50
Fuel usage: 352 gals.

Day | 5 | Date | 01-29-05 | Saturday
--- | --- | --- | --- | ---
7:00 am – Drilling @ 3069’
Ran 21.50 hours drilling. Down 2.50 hours (.75 rig check, .50 jet, 1.25 connection)
Mud properties: wt. 9.7, vis. 30
Daily Mud Cost = $1,237.61. Mud Cost to Date = $4,705.65
Wt. on bit: 30,000, 80 RPM, 700# pump pressure
Hours on 12 ¼” bit: 3.25
Hours on 7 7/8” bit: 69.00
Fuel usage: 352 gals.

Day | 6 | Date | 01-30-05 | Sunday
--- | --- | --- | --- | ---
7:00 am – Drilling @ 3545’
Displace mud @ 3845’
Ran 20.50 hours drilling. Down 3.50 hours (.75 rig check, 1.00 jet, 1.75 connection)
Mud properties: wt. 9.0, vis. 48
Daily Mud Cost = $726.04. Mud Cost to Date = $5,431.69
Wt. on bit: 30,000, 80 RPM, 800# pump pressure
Hours on 12 ¼” bit: 3.25
Hours on 7 7/8” bit: 89.50
Fuel usage: 384 gals.
Driving Directions: From Jetmore (junction of Hwy 283 & Hwy 156), 9 miles South on Hwy 283, 4 miles East, ¾ mile North, West into.

Day 7  Date 01-31-05  Monday

7:00 am – Drilling @ 4111’
Ran 21.75 hours drilling. Down 2.25 hours (.75 rig check, 1.50 connection)
Mud properties: wt. 9.6, vis. 49
Daily Mud Cost = $223.85. Mud Cost to Date = $5,655.54
Wt. on bit: 30,000, 80 RPM, 500# pump pressure
Hours on 12 ¼” bit: 3.25
Hours on 7 7/8” bit: 111.25

Fuel usage: 368 gals.

Day 8  Date 02-01-05  Tuesday

7:00 am – Drilling @ 4482’
Ran 8.00 hours drilling. Down 16.00 (.75 rig check, 14.50 fish drill pipe & collars, .75 CTCH)
Mud properties: wt. 9.2, vis. 60, water loss 9.4
Daily Mud Cost = $0.00. Mud Cost to Date = $5,655.54
Wt. on bit: 30,000, 80 RPM, 800# pump pressure
Hours on 12 ¼” bit: 3.25
Hours on 7 7/8” bit: 119.25

Fuel usage: 240 gals.

Day 9  Date 02-02-05  Wednesday  Survey @ 4640’ = 1 degree

7:00 am – Drilling @ 4600’
Ran 5.50 hours drilling. Down 18.50 hours (.25 rig check, .25 jet, 6.75 rig repair/mud pump, 5.00 trips, .25 survey, 1.00 CTCH, 1.00 CFS @ 4655’, 1.75 CFS @ 4660’, 1.50 CFS @ 4671’, .75 CFS @ 4700’)
Mud properties: wt. 9.3, vis. 45, water loss 9.8
Daily Mud Cost = $77.14. Total Mud Cost = $5,732.68
Wt. on bit: 30,000, 80 RPM, 600# pump pressure
Hours on 12 ¼” bit: 3.25
Hours on 7 7/8” bit: 124.75

Fuel usage: 224 gals.

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Driving Directions: From Jetmore (junction of Hwy 283 & Hwy 156), 9 miles South on Hwy 283, 4 miles East, ¾ mile North, West into.

Day | 10 | Date | 02-03-05 | Thursday

RTD = 4700’
LTD = 4697’

7:00 am – CFS @ 4700’
Ran 0.00 hours drilling. Down 24.00 hours (.75 CFS @ 4700’, 2.00 trip for log, 2.25 log, 1.25 trip out, 4.25 lay down drill pipe & collars, 1.50 plug well, 12.00 tear/rig down)

Fuel usage: 64 gals.

Plug well with 205 sacks of 60/40 Poz, 6% gel, ¼ flo-seal per sack. 1st plug @ 1540’ with 50 sacks. 2nd plug @ 800’ with 80 sacks. 3rd plug @ 370’ with 50 sacks. 4th plug @ 40’ with 10 sacks to surface. Plug rat hole with 15 sacks.
Plug down @ 7:00 pm on 02-03-05 by Allied Cementing (tkt # 17458)

Day | 11 | Date | 02-04-05 | Friday

7:00 am – Moving rig off location

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