**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

**Lease Operator:** Palomino Petroleum, Inc.

**Address:** 4924 SE 84th St., Newton, KS 67114-8827

**Phone:** (316) 799-1000  Operator License #: 30742

**Type of Well:** Oil D & A

**Docket #:** (If SWD or ENHR) (Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic, Other)

The plugging proposal was approved on: **04-08-05**

**by:** Richard Lacey  (KCC District Agent's Name)

**API Number:** 15 - 185-23310-00-00

**Lease Name:** Spangenberg

**Well Number:** 2

**Spot Location (QQQQ):** 140' S & 140' W  N/2 - N/2 - NE

**Feet from North:** 470

**Feet from East:** 1350

**Sec. 17 Twp 22 S. R. 12**

**County:** Stafford

**Date Well Completed:**

**Plugging Completed:** 04-08-05

**Producing Formation(s):** List All (If needed attach another sheet)

- **Depth to Top:**
- **Bottom:**
- **T.D.:**

**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><strong>Formation</strong></td>
<td><strong>Content</strong></td>
</tr>
<tr>
<td><em>see attached drilling report</em></td>
<td>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 135 sacks of 60/40 Poz and 6% gel.

1st plug @ 670' with 50 sacks. 2nd plug @ 330' with 50 sacks. 3rd plug @ 40' with 10 sacks to surface.

Plug mouse hole with 10 sacks and rat hole with 15 sacks.

Plugging done @ 10:30 pm on 04-08-05 by Allied Cementing (tkt #14418)

**Name of Plugging Contractor:** Allied Cementing

**License #:** na 33350

**Address:** PO Box 31, Russell, KS 67665

**Name of Party Responsible for Plugging Fees:** Klee R. Watchous

**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.

**Notary Public - State of Kansas**

**RENEE KASSELMAN**

**My Appt Exp.: 7-15-05**

**Address:** PO Box 276, Ellinwood, KS 67526

**SUBSCRIBED and SWORN TO me this 11 day of April 2005 by:**

**Notary Public**

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

**RECEIVED APR 13 2005**

**KCC WICHITA**
SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS

Lease: SPANGENBERG #2

Plugging received from KCC representative:
Name: RICHARD LACEY Date 4-8-05 Time 11:20

1st plug @ 670 ft. 50 sx. Stands: 11
2nd plug @ 330 ft. 50 sx. Stands: 5½
3rd plug @ 40 ft. 10 sx. Stands: 1
4th plug @ ________ ft. ________ sx. Stands: ________
5th plug @ ________ ft. ________ sx. Stands: ________

Mousehole 10 sx.
Rahole 15 sx.

Total Cement used: 135 sx.

Type of cement 60/40 POZ. 6% GEL

Plug down @ 10:30 P.M. 4-8-05 by DALLIED T.NO.-14418

Call KCC When Completed:
Name: MIKE MAIER Date 4-11-05 Time 9:00

RECEIVED
APR 13 2005
KCC WICHITA
**Contractor:** Featured

**Type of Job:** Rotary Muck

**Contractor:** Featured

**Owner:** Featured

---

### Equipment

- **Pump Truck:** #181
- **Cementer:** Featured
- **Helper:** Rob B
- **Bulk Truck:** #342
- **Driver:** Rob H
- **Bulk Truck:** Driver

### Remarks:

- **Nivad:** 50' 620
  - 50' 530
  - 15' RH
  - 10' MH

---

**Service**

- **Depth of Job:** 620
- **Pump Truck Charge:**
- **Extra Footage:**
- **Mileage:**
- **Plug 1 - $20 Horse:**

---

**Charge To:** Featured

**Street:**

**City:**

**State:**

**Zip:**

---

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or
SOUTHWIND DRILLING, INC.
RIG #2
PO Box 276, Ellinwood, KS 67526
Office Phone 620-564-3800, Fax 620-564-3845

DRILLING REPORT

Location: 140' S & 30' W of N/2-N/2-NE
API#: 15-185-23310-00-00

OWNER: Palomino Petroleum, Inc.
CONTRACTOR: Southwind Drilling, Inc. Rig #1

TOTAL DEPTH: Driller: 3708'
Log: 3708'

LOG:
0' - 240' Sand
240' - 651' Sand/Redbed
651' - 670' Anhydrite
670' - 1170' Sand/Shale
1170' - 2014' Shale
2014' - 3708' Shale/Lime
3708' LTD & RTD

CASING RECORDS

Surface casing – 8 5/8"
Ran 7 joints of 23# new 8 5/8" surface casing. Tally @ 301.11'. Set @ 312'. Cement with 275 sacks of common, 2% gel, 3% calcium chloride. Cement did not circulate. Plug down @ 3:00 am on 04-01-05. Cement 40' down. Cement 1” from 40’ down with 75 sacks of common, 3% calcium chloride. Cement did circulate. Plug down @ 4:30 am on 04-01-05 by Allied Cementing (tkt # 14409).

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

DEVIAISON SURVEYS

3/4 degree (s) @ 315'
1 1/2 degree (s) @ 3385'
1 degree (s) @ 3708'

Spangenberg #2

Section 17-22S-12W
Stafford County, Kansas

COMMENCED: 03-30-05
COMPLETED: 04-08-05

Ground Elevation: 1872'
KB Elevation: 1881'

RECEIVED
APR 13 2005
KCC WICHITA
MORNING DRILLING REPORT

Southwind Drilling, Inc.
PO Box 276
112 North Main
Elinwood, KS 67526

Rig #2 Phone Numbers

<table>
<thead>
<tr>
<th>Phone Number</th>
<th>Description</th>
<th>Use</th>
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<tbody>
<tr>
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<td>Rig Cellular (Dog house)</td>
<td>Yes</td>
</tr>
<tr>
<td>620-617-5920</td>
<td>Geologist Trailer Cellular</td>
<td>Yes</td>
</tr>
</tbody>
</table>
| 620-794-2076 | Tool Pusher Cellular    | Yes | Darryl Krier

Wellsite Geologist:
Todd Morgenstern
620-786-1729 (Mobile)
620-564-3728 (Office)

Fax to: Klee Watchous @ 316-799-2728

WELL NAME
Spangenberg #2

LOCATION
140’ S & 30’ W of N/2-N/2-NE
Sec. 17-22S-12W
Stafford County, Kansas

Palomino Petroleum, Inc.
4924 SE 84th St.
Newton, KS 67114
Office: 316-799-1000
Klee’s mobile: 316-258-8866

ELEVATION
G.L. 1872’
K.B. 1881’

API# 15-185-23310-00-00

Driving Directions: From Junction of K-19 Hwy and Dartmouth blacktop, 1 mile South, ¾ mile East, South into.

Day 1
Date: 03-31-05
Thursday

Moved Rig #2 on location
Spud @ 11:15 am
Ran 4.00 hours (.75 drill rat hole, 3.25 drill 12 ¾’). Down 20.00 hours (1.50 rig up, 2.75 rig repairs, 1.50 connection, .25 CTCH, 1.00 trip, 3.00 run surface/didn’t go, 4.00 ream hole, 1.25 run surface again, .75 cement, 3.75 wait on cement, .25 surface pipe 1’)
Mud properties: freshwater
Hours on 12 ¾” bit: 3.25
Fuel usage: 103.50 gals. (89” used 3”) 52” + 40” delivered = 92”

Day 2
Date: 04-01-05
Friday
Anhydrite (651’-670’)
Survey @ 315’ = 3/4 degree

7:00 am - Waiting on cement @ 315’
Ran 8.50 hours drilling. Down 15.50 hours (6.75 rig repair, 5.50 wait on cement, .25 drill plug, 2.50 connection, .25 rig check, .25 jet)
Mud properties: freshwater
Wt. on bit: 25,000, 80 RPM, 700# pump pressure
Hours on 12 ¾” bit: 3.25
Hours on 7 7/8” bit: 8.50
Fuel usage: 138 gals. (85” used 4”)

Ran 7 joints of 23# new 8 5/8” surface casing. Tally @ 301.11’. Set @ 312’. Cement with 275 sacks of common, 2% gel, 3% calcium chloride. Cement did not circulate. Plug down @ 3:00 am on 04-01-05. Cement 40’ down. Cement 1” from 40’ down with 75 sacks of common, 3% calcium chloride. Cement did circulate. Plug down @ 4:30 am on 04-01-05 by Allied Cementing (tkt # 14409).

Day 3
Date: 04-02-05
Saturday

7:00 am - Drilling @ 1170’
Ran 18.00 hours drilling. Down 6.00 hours (.75 rig check, 1.75 rig repair, .25 jet, 2.25 connection, 1.00 time change)
Mud properties: freshwater
Wt. on bit: 30,000, 80 RPM, 750# pump pressure
Hours on 12 ¾” bit: 3.25
Hours on 7 7/8” bit: 26.50
Fuel usage: 586.50 gals. (68” used 17”) note: filled up generator

RECEIVED
APR 13 2005
KCC WICHITA
**MORNING DRILLING REPORT**

Southwind Drilling, Inc.
PO Box 276
112 North Main
Ellinwood, KS 67526

Fax to: Klee Watchous @ 316-799-2728

Wellsite Geologist:
Todd Morgenstern
620-786-1729 (Mobile)
620-564-3728 (Office)

WELL NAME: Spangenberg #2

LOCATION:
140’ S & 30’ W of N/2-N/2-NE
Sec. 17-22S-12W
Stafford County, Kansas

Palomino Petroleum, Inc.
4924 SE 84th St.
Newton, KS 67114
Office: 316-799-1000
Klee’s mobile: 316-258-8866

Rig #2 Phone Numbers

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<td>620-617-5920</td>
<td>Geologist Trailer Cellular</td>
<td>Yes</td>
</tr>
<tr>
<td>620-794-2076</td>
<td>Tool Pusher Cellular</td>
<td>Yes Darryl Krier</td>
</tr>
</tbody>
</table>

Driving Directions: From Junction of K-19 Hwy and Dartmouth blacktop, 1 mile South, ¾ mile East, South into.

**Day 4**  
Date: 04-03-05    Sunday

7:00 am - Drilling at 2014’
Ran 20.00 hours drilling. Down 4.00 hours (.75 rig check, .50 rig repair, 2.00 connection, .75 jet)
Mud properties: wt. 9.3, vis. 34
Daily Mud Cost = $0.00. Mud Cost to Date = $0.00
Wt. on bit: 35,000, 80 RPM, 850# pump pressure
Hours on 12 ¾” bit: 3.25
Hours on 7 7/8” bit: 46.50

Fuel usage: 345 gals. (58” used 10”)

**Day 5**  
Date: 04-04-05   Monday

7:00 am - Drilling at 2740’
Ran 18.00 hours drilling. Down 6.00 hours (.75 rig check, 2.75 rig repair, 1.00 connection, 1.50 jet)
Mud properties: wt. 9.2, vis. 67
**Displace at 2815’**
Daily Mud Cost = $3,736.00. Mud Cost to Date = $3,736.00
Wt. on bit: 35,000, 80 RPM, 850# pump pressure
Hours on 12 ¾” bit: 3.25
Hours on 7 7/8” bit: 64.50

Fuel usage: 345 gals. (48” used 10”)

**Day 6**  
Date: 04-05-05   Tuesday

7:00 am - Drilling at 3355’
Ran 2.75 hours drilling. Down 21.25 hours (1.25 CFS @ 3385’, 1.00 CTCH, 1.00 short trip, 12.25 trips, .25 survey, .25 rig check, 1.00 CFS @ 3410’, 1.00 rig repair, 1.00 DST #1, 2.00 DST #2, .25 connection)
Mud properties: wt. 9.1, vis. 55
Daily Mud Cost = $0.00. Mud Cost to Date = $3,736.00
Wt. on bit: 35,000, 80 RPM, 850# pump pressure
Hours on 12 ¾” bit: 3.25
Hours on 7 7/8” bit: 67.25

Fuel usage: 207 gals. (42” used 6”)

Survey @ 3385’ = 1 ¾ degree

**RECEIVED**

**APR 13 2005**

**KCC WICHITA**
MORNING DRILLING REPORT

Southwind Drilling, Inc.
PO Box 276
112 North Main
Ellinwood, KS 67526

Fax to: Klee Watchous @ 316-799-2728

Wellsite Geologist:
Todd Morgenstern
620-786-1729 (Mobile)
620-564-3728 (Office)

Spangenberg #2

LOCATION
140’ S & 30’ W of N/2-N/2-NE
Sec. 17-22S-12W
Stafford County, Kansas

Rig #2 Phone Numbers

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Palomino Petroleum, Inc.
4924 SE 84th St.
Newton, KS 67114

Office: 316-799-1000
Klee’s mobile: 316-258-8866

ELEVATION
G.L. 187’
K.B. 1881’

API# 15-185-23310-00-00

Driving Directions: From Junction of K-19 Hwy and Dartmouth blacktop, 1 mile South, ¾ mile East, South into.

Day | 7 | Date | 04-06-05 | Wednesday | DST #3 (3474'-3542’)
LKC “I”, “J”, “K” zones
Recovered 20’ mud

7:00 am – Tripping in with bit @ 3410’
Ran 8.00 hours drilling. Down 16.00 hours (1.00 CTCH, 1.00 CFS @ 3425’, 1.25 CFS @ 3496’, 1.00 CFS @ 3542’, 8.25 trips, .25 rig check, 2.00 DST #3, .25 connection, 1.00 CTCH )
Mud properties: wt. 9.4, vis. 48
Daily Mud Cost = $0.00. Mud Cost to Date = $3,736.00
Wt. on bit: 35,000, 80 RPM, 900# pump pressure
Hours on 12 ¼” bit: 3.25
Hours on 7 7/8” bit: 75.25

Fuel usage: 241.50 gals. (35” used 7”)

Day | 8 | Date | 04-07-05 | Thursday | DST #4 (3547’-3606’)
Conglomerate formation
Recovered 10” mud

Survey @ 3708’ = 1 degree

7:00 am – Drilling @ 3558’
Ran 5.50 hours drilling. Down 18.50 hours (.75 DST #5, 1.00 CFS @ 3606’, 11.00 trips, .50 rig check, 2.00 DST #4, .50 rig repair, .25 CTCH, .50 connection, .50 CFS @ 3690’, 1.25 CFS @ 3708’, .25 survey)
Mud properties: wt. 9.3, vis. 65
Daily Mud Cost = $0.00. Mud Cost to Date = $3,736.00
Wt. on bit: 35,000, 80 RPM, 900# pump pressure
Hours on 12 ¼” bit: 3.25
Hours on 7 7/8” bit: 80.75

Fuel usage: 241.50 gals. (28” used 7”)

RECEIVED
APR 13 2005
KCC WICHITA
### Driving Directions
From Junction of K-19 Hwy and Dartmouth blacktop, 1 mile South, 3/4 mile East, South into.

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>DST #5 (3646'-3708')</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>04-08-05</td>
<td>Arbuckle formation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Recovered 120’ mud &amp;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>110’ muddy water</td>
</tr>
</tbody>
</table>

RTD = 3708’
LTD = 3708’

7:00 am – On bottom with DST #5 @ 3708’
Ran 0.00 hours drilling.  Down 24.00 hours (3.50 trip, 3.00 log, 2.50 DST #5, 2.50 wait on loggers, .50 tear down, 1.50 plug well, 2.50 lay down pipe, 8.00 rig down)
Mud properties: wt. 9.3, vis. 68
Daily Mud Cost = $0.00. Total Mud Cost = $3,736.00
**Hours on 12 ¾” bit:** 3.25
**Hours on 7 7/8” bit:** 80.75

Fuel usage: 241.50 gals. (21” used 7”)

Plug well with 135 sacks of 60/40 Poz and 6% gel. 1st plug @ 670’ with 50 sacks. 2nd plug @ 330’ with 50 sacks. 3rd plug @ 40’ with 10 sacks to surface. Plug mouse hole with 10 sacks and rat hole with 15 sacks. Plug down @ 10:30 pm on 04-08-05 by Allied Cementing (tkt # 14418).

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>04-09-05</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td></td>
<td>Saturday</td>
</tr>
</tbody>
</table>

7:00 am – Moving rig off location