

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

Form CP-4 December 2003 Type or Print on this Form Form must be Signed All blanks must be Filled

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 #: The plugging proposal was approved on: 04-24-05 by: Mike Maier Is ACO-1 filed? [X] Yes [ ] No If not, is well log attached? [ ] Yes [ ] No Producing Formation(s): List All (If needed attach another sheet)

API Number: 15 - 185-23313-00-00 Lease Name: Morton Well Number: 1 Spot Location (QQQQ): - E/2 - SW - SE 660 Feet from [ ] North / [X] South Section Line 1650 Feet from [X] East / [ ] West Section Line Sec. 15 Twp. 22 S. R. 14 [ ] East [X] West County: Stafford Date Well Completed: D & A 04-25-05 Plugging Commenced: 04-25-05 Plugging Completed: 04-25-05

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

Table with 7 columns: Oil, Gas or Water Records (Formation, Content) and Casing Record (Surface Conductor & Production) (From, To, Size, Put In, Pulled Out). Row 1: \*see attached drilling report, 0' to 310', 8 5/8" new 23#, 299.63', 0'.

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.

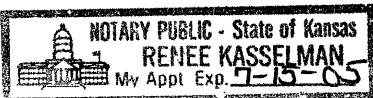
1st plug @ 860' with 50 sacks. 2nd plug @ 340' with 50 sacks. 3rd plug @ 40' with 10 sacks to surface.

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

Name of Plugging Contractor: Acid Services License #: 32453 Address: PO Box 8613, Pratt, KS 67124 Name of Party Responsible for Plugging Fees: L.D. Davis State of Kansas County, Barton, ss.

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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, 20 05. Notary Public Renee Kasselmann My Commission Expires: 7-15-05

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.

1<sup>st</sup> 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: \_\_\_\_\_

Mousehole 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 ACID SERVICE - T.NO. - 10064

Call KCC When Completed:

Name: MIKE MAIER Date 4-25-05 Time 8:45 am

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# TREATMENT REPORT

|   |                          |
|---|--------------------------|
| Customer ID                             | Date                     |
| Customer<br>L.D. Drilling, Incorporated | 4-25-05                  |
| Lease<br>Morton                         | Lease No. _____ Well # 1 |

|                                    |                  |                       |           |                                 |              |
|------------------------------------|------------------|-----------------------|-----------|---------------------------------|--------------|
| Field Order #<br>10064             | Station<br>Pratt | Casing<br>4 1/2" D.P. | Depth     | County<br>Stafford              | State<br>KS. |
| Type Job<br>Cement-Plug to Abandon |                  |                       | Formation | Legal Description<br>15-225-14W |              |

| PIPE DATA                  |              | PERFORATING DATA |    | FLUID USED  |  | TREATMENT RESUME |       |                  |
|----------------------------|--------------|------------------|----|---|--|------------------|-------|------------------|
| Casing Size<br>4 1/2" D.P. | Tubing Size  | Shots/Ft         |    | Cement<br>135 sacks 60/40 Pz 2 (common) with 69 Gel |  | RATE             | PRESS | ISIP             |
| Depth                      | Depth        | From             | To | Pre-Flush<br>13.3 #/Gal., 8.09 Gal                  |  | Max              |       | 5 Min.           |
| Volume                     | Volume       | From             | To | Base  |  | Min              |       | 10 Min.          |
| Max Press                  | Max Press    | From             | To | Flush   |  | Avg              |       | 15 Min.          |
| Well Connection            | Annulus Vol. | From             | To |   |  | HHP Used         |       | Annulus Pressure |
| Plug Depth                 | Packer Depth | From             | To |   |  | Gas Volume       |       | Total Load       |

|  |                               |                                |
|--|-------------------------------|--------------------------------|
| Customer Representative<br>Daryl Krier | Station Manager<br>Dave Autry | Treater<br>Clarence R. Messick |
|--|-------------------------------|--------------------------------|

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log                                   |
|------|-----------------|-----------------|--------------|------|---|
| 4:00 |                 |                 |              |      | Truck on location and hold safety meeting     |
|      |                 |                 |              |      | 1 <sup>st</sup> Plug 50 shots 860'            |
| 4:45 |                 | 200             |              | 5    | Start H <sub>2</sub> O Pre-Flush              |
|      |                 | 200             | 15           | 5    | Start mix 50 shots cement                     |
|      |                 | 200             | 29           | 5    | Start Displacement                            |
| 4:55 |                 | Vacuum          | 35           |      | Stop pumping                                  |
|      |                 |                 |              |      | 2 <sup>nd</sup> Plug 50 sacks at 340'         |
| 5:18 |                 | 150             |              | 5    | Start H <sub>2</sub> O Pre-Flush              |
|      |                 | 150             | 5            | 5    | Start mix cement                              |
|      |                 | 150             | 19           | 5    | Start Displacement                            |
| 5:24 |                 | Vacuum          | 20           |      | Stop pumping                                  |
|      |                 |                 |              |      | 3 <sup>rd</sup> Plug 10 sacks at 40'          |
| 6:00 |                 |                 |              | 3    | Start mix cement. Circulate cement to surface |
| 6:05 |                 |                 | 4            | 2    | Plug rat hole                                 |
| 6:10 |                 |                 | 3            | 2    | Plug mousehole                                |
|      |                 |                 |              |      | Wash up pump truck                            |
| 6:30 |                 |                 |              |      | Job Complete                                  |
|      |                 |                 |              |      | Thanks  |
|      |                 |                 |              |      | Clarence R. Messick                           |

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|                 |
|-----------------|
| INVOICE NO.     |
| Date<br>4-25-05 |
| Customer ID     |

Subject to Correction

**FIELD ORDER 10064**

|  |                                |                                      |
|--|--------------------------------|--------------------------------------|
| Lease<br>Morton                        | Well #<br>1                    | Legal<br>15-225-14W                  |
| County<br>Stafford                     | State<br>KS                    | Station<br>Pratt                     |
| Depth                                  | Formation                      | Shoe Joint                           |
| Casing<br>4 1/2" D.P.                  | Casing Depth                   | TD                                   |
| Customer Representative<br>Daryl Krier | Treater<br>Clarence R. Messick | Job Type<br>Cement P.T.A. - New Well |

CHARGE

L.D. Drilling, Incorporated

|            |           |
|------------|-----------|
| AFE Number | PO Number |
|------------|-----------|

Materials Received by **X** *[Signature]*

| Product Code | QUANTITY | MATERIAL, EQUIPMENT and SERVICES USED | UNIT PRICE | AMOUNT      | ACCOUNTING |        |
|--------------|----------|---------------------------------------|------------|-------------|------------|--------|
|              |          |                                       |            |             | CORRECTION | AMOUNT |
| D-203        | 135 st.  | 60/40 Poz (common)                    |            |             |            |        |
| C-320        | 468 lb.  | Cement Gel                            |            |             |            |        |
| E-100        | 40 mi.   | Heavy Vehicle Mileage                 | 1-Way      |             |            |        |
| E-101        | 40 mi.   | Pickup Mileage                        | 1-Way      |             |            |        |
| E-104        | 234 m.   | Bulk Delivery                         |            |             |            |        |
| E-107        | 135 st.  | Cement Service Charge                 |            |             |            |        |
| R-400        | 1 ea.    | Cement Pumper, Plug and Abandon       |            |             |            |        |
|              |          | Discounted Price =                    |            | \$ 2,282.44 |            |        |
|              |          | Plus taxes                            |            |             |            |        |

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**SOUTHWIND DRILLING, INC.**  
**RIG #2**

PO Box 276, Ellinwood, KS 67526  
Office Phone 620-564-3800, Fax 620-564-3845

**DRILLING REPORT**

Morton #1

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

Section 15-22S-14W  
Stafford County, Kansas

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

COMMENCED: 04-18-05  
COMPLETED: 04-24-05

TOTAL DEPTH: Driller: 3863'  
Log: None

Ground Elevation: 1933'  
KB Elevation: 1942'

LOG:

|       |   |       |             |
|-------|---|-------|-------------|
| 0'    | - | 315'  | Sand/Redbed |
| 315'  | - | 830'  | Sand/Shale  |
| 830'  | - | 853'  | Anhydrite   |
| 853'  | - | 1260' | Shale       |
| 1260' | - | 3863' | Lime/Shale  |
|       |   | 3863' | RTD         |

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 (tk # 10182).

Production casing – 5 1/2"

None – plugged well

**DEVIATION SURVEYS**

**1 degree (s) @ 315'**  
**1/2 degree (s) @ 3515'**

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| MORNING DRILLING REPORT   |                            |  |              | Fax to: Bessie DeWerff @ 620-793-7237  |  |   |  |
|---|----------------------------|--|--------------|--|--|---|--|
| Southwind Drilling, Inc.<br>PO Box 276<br>112 North Main<br>Ellinwood, KS 67526 |                            | Wellsite Geologist:<br>Kim Shoemaker<br>316-772-2621 (mobile)<br>316-684-9709 (home) |              | WELL NAME  |  | Morton #1   |  |
|   |                            |  |              | LOCATION   |  | E/2-SW-SE<br>Sec. 15-22S-14W<br>Stafford County, Kansas |  |
| Rig #2 Phone Numbers  |                            | N USE  |              | L.D. Drilling, Inc.<br>7 SW 26 Ave.<br>Great Bend, KS 67530<br>Office: 620-793-3051<br>L.D.'s mobile: 620-786-1788 |  |   |  |
| 620-617-5921  | Rig Cellular (Dog house)   | Yes  |              | ELEVATION    G.L. 1933'    K.B. 1942'    API# 15-185-23313-00-00   |  |   |  |
| 620-617-5920  | Geologist Trailer Cellular | Yes  |              |  |  |   |  |
| 620-794-2076  | Tool Pusher Cellular       | Yes  | Darryl Krier |  |  |   |  |

**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 | 1 | Date | 04-18-05 | Monday | Survey @ 315' = 1 degree |
|-----|---|------|----------|--------|--------------------------|

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 (tk # 10182).

|     |   |      |          |         |                       |
|-----|---|------|----------|---------|-----------------------|
| Day | 2 | Date | 04-19-05 | Tuesday | Anhydrite (830'-853') |
|-----|---|------|----------|---------|-----------------------|

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 ¼" bit: 3.00

Hours on 7 7/8" bit: 16.25

Fuel usage: 276 gals. (70" used 8")

|     |   |      |          |           |  |
|-----|---|------|----------|-----------|--|
| Day | 3 | Date | 04-20-05 | Wednesday |  |
|-----|---|------|----------|-----------|--|

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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|   |                            |     |  |                                       |  |  |   |   |
|---|----------------------------|-----|--|---------------------------------------|--|--|---|---|
| <b>MORNING DRILLING REPORT</b>  |                            |     |  | Fax to: Bessie DeWerff @ 620-793-7237 |  |  |   |   |
| Southwind Drilling, Inc.<br>PO Box 276<br>112 North Main<br>Ellinwood, KS 67526 |                            |     | Wellsite Geologist:<br>Kim Shoemaker<br>316-772-2621 (mobile)<br>316-684-9709 (home) |                                       | WELL NAME  |  | Morton #1   |   |
|   |                            |     |  |                                       | LOCATION   |  | E/2-SW-SE<br>Sec. 15-22S-14W<br>Stafford County, Kansas |   |
| Rig #2 Phone Numbers  |                            |     | N USE  |                                       | L.D. Drilling, Inc.<br>7 SW 26 Ave.<br>Great Bend, KS 67530<br>Office: 620-793-3051<br>L.D.'s mobile: 620-786-1788 |  |   |   |
| 620-617-5921  | Rig Cellular (Dog house)   | Yes |  |                                       | ELEVATION  |  |   | G.L. 1933'    K.B. 1942'    API# 15-185-23313-00-00 |
| 620-617-5920  | Geologist Trailer Cellular | Yes |  |                                       |  |  |   |   |
| 620-794-2076  | Tool Pusher Cellular       | Yes | Darryl Krier   |                                       |  |  |   |   |

**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 | 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 1/4" 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 | <b>DST #1 (3471'-3515')</b><br><b><u>LKC "B" – "E" formation</u></b><br><b><u>Recovered 10' mud</u></b><br><br><b><u>Survey @ 3515' = 1/2 degree</u></b> |
|-----|---|------|----------|--------|--|

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 1/4" bit: 3.00  
Hours on 7 7/8" bit: 62.25

Fuel usage: 345 gals. (43" used 10")

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|   |                            |     |  |                                       |  |  |   |   |
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| <b>MORNING DRILLING REPORT</b>  |                            |     |  | Fax to: Bessie DeWerff @ 620-793-7237 |  |  |   |   |
| Southwind Drilling, Inc.<br>PO Box 276<br>112 North Main<br>Ellinwood, KS 67526 |                            |     | Wellsite Geologist:<br>Kim Shoemaker<br>316-772-2621 (mobile)<br>316-684-9709 (home) |                                       | WELL NAME  |  | Morton #1   |   |
|   |                            |     |  |                                       | LOCATION   |  | E/2-SW-SE<br>Sec. 15-22S-14W<br>Stafford County, Kansas |   |
| Rig #2 Phone Numbers  |                            |     | N USE  |                                       | L.D. Drilling, Inc.<br>7 SW 26 Ave.<br>Great Bend, KS 67530<br>Office: 620-793-3051<br>L.D.'s mobile: 620-786-1788 |  |   |   |
| 620-617-5921  | Rig Cellular (Dog house)   | Yes |  |                                       | ELEVATION  |  |   | G.L. 1933'    K.B. 1942'    API# 15-185-23313-00-00 |
| 620-617-5920  | Geologist Trailer Cellular | Yes |  |                                       |  |  |   |   |
| 620-794-2076  | Tool Pusher Cellular       | Yes | Darryl Krier   |                                       |  |  |   |   |

**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 | <b>DST #2 (3573'-3600')</b>          |
|     |   |      |          |          | <b>LKC "H" formation</b>             |
|     |   |      |          |          | <b>Recovered 25' mud</b>             |
|     |   |      |          |          | <b>DST #3 (3598'-3633')</b>          |
|     |   |      |          |          | <b>LKC "I"-"I" formation</b>         |
|     |   |      |          |          | <b>Recovered 70' oil spotted mud</b> |

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. 1<sup>st</sup> plug @ 860' with 50 sacks. 2<sup>nd</sup> plug @ 340' with 50 sacks. 3<sup>rd</sup> 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 (tk #10064)

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