

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

10/28/10

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 5086  
Name: PINTAIL PETROLEUM,LTD  
Address: 225 N. MARKET, STE.300  
City/State/Zip: WICHITA, KS 67202  
Purchaser: PLAINS  
Operator Contact Person: FLIP PHILLIPS  
Phone: ( 316 ) 263-2243  
Contractor: Name: MALLARD DRILLING  
License: 4958  
Wellsite Geologist: FLIP PHILLIPS

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Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

9/15/2009    9/22/2009    P+A 9/23/09  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 135-24,964-00-00  
County: NESS  
NW SW SE NE Sec. 32 Twp. 16 S. R. 26  East  West  
2060 feet from S /  (circle one) Line of Section  
1060 feet from  (circle one) E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one)  NE     SE     NW     SW  
Lease Name: HORCHEM 'N' Well #: 4  
Field Name: UNKNOWN

Producing Formation: N/A  
Elevation: Ground: 2648' Kelly Bushing: 2653'  
Total Depth: 4600' Plug Back Total Depth: NA  
Amount of Surface Pipe Set and Cemented at 208' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan** PAW11-1809  
(Data must be collected from the Reserve Pit)  
Chloride content 5000 ppm Fluid volume 480 bbls  
Dewatering method used EVAPORATE AND BACKFILL  
Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Sue Davis  
Title: KCC Compliance Officer Date: 10/28/2009  
Subscribed and sworn to before me this 28<sup>th</sup> day of October, 2009.  
Notary Public: Susan Utterback  
Date Commission Expires: 9/18/2010

NOTARY PUBLIC - State of Kansas  
SUSAN UTTERBACK  
My Appt. Exp. 9/18/10

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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**NOV 05 2009**  
**KCC WICHITA**

Operator Name: PINTAIL PETROLEUM,LTD Lease Name: HORCHEM 'N' Well #: 4  
 Sec. 32 Twp. 16 S. R. 26  East  West County: NESS

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

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Log Formation (Top), Depth and Datum  Sample

| Name           | Top   | Datum |
|----------------|-------|-------|
| ANHYDRITE      | 2054' | +599  |
| HEEBNER        | 3913' | -1260 |
| LANSING KC     | 3953' | -1300 |
| BKC            | 4260' | -1607 |
| FORT SCOTT     | 4464' | -1811 |
| CHEROKEE SHALE | 4487' | -1834 |
| MISSISSIPPI    | 4593' | -1940 |

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used  |                   |                           |                   |               |                |              |                            |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. |                   |                           |                   |               |                |              |                            |
| Purpose of String   | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| SURFACE   | 12-1/4"           | 8-5/8"                    | 23#               | 208'          | COMMON         | 150SX        | 2% GEL 3% CC               |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |

ADDITIONAL CEMENTING / SQUEEZE RECORD

| Purpose:   | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|--|------------------|----------------|-------------|----------------------------|
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone |                  |                |             |                            |
|  |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |

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| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
|---------------|------|--------|-----------|--|
|               |      |        |           |  |

| Date of First, Resumerd Production, SWD or Enhr. | Producing Method   |
|--|--|
|  | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
|                                   |           |         |             |               |         |

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, Submit ACO-18.)  Other (Specify)

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3811

|       |             |      |          |      |    |                                    |      |        |      |       |    |             |  |        |          |
|-------|-------------|------|----------|------|----|------------------------------------|------|--------|------|-------|----|-------------|--|--------|----------|
| Date  | 9/23/09     | Sec. | 32       | Twp. | 16 | Range                              | 26 w | County | Ness | State | KS | On Location |  | Finish | 10:30 AM |
| Lease | Hocherm "N" |      | Well No. | 4    |    | Location Utica, 2 w, 1/2 S, W into |      |        |      |       |    |             |  |        |          |

|                     |                  |            |  |
|---------------------|------------------|------------|--|
| Contractor          | Mallard Drilling | Owner      | To Quality Oilwell Cementing, Inc.<br>You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |
| Type Job            | Plug             |            |  |
| Hole Size           | 7 7/8"           | T.D.       | 4600'  |
| Csg.                |                  | Depth      |  |
| Tbg. Size           |                  | Depth      |  |
| Tool                |                  | Depth      |  |
| Cement Left in Csg. |                  | Shoe Joint |  |
| Meas. Line          |                  | Displace   | OCT. 28 2009   |

|                  |                            |                |                        |
|------------------|----------------------------|----------------|------------------------|
| <b>EQUIPMENT</b> |                            | Amount Ordered | 300sx 60/40 4%ogel     |
| Pumptrk          | 9 No. Cementer Helper Paul | Common         | 180 @ 10 <sup>00</sup> |
| Bulktrk          | 7 No. Driver Driver Blake  | Poz. Mix       | 120 @ 6 <sup>00</sup>  |
| Bulktrk          | PV No. Driver Driver Neale | Gel.           | 10 @ 17 <sup>00</sup>  |

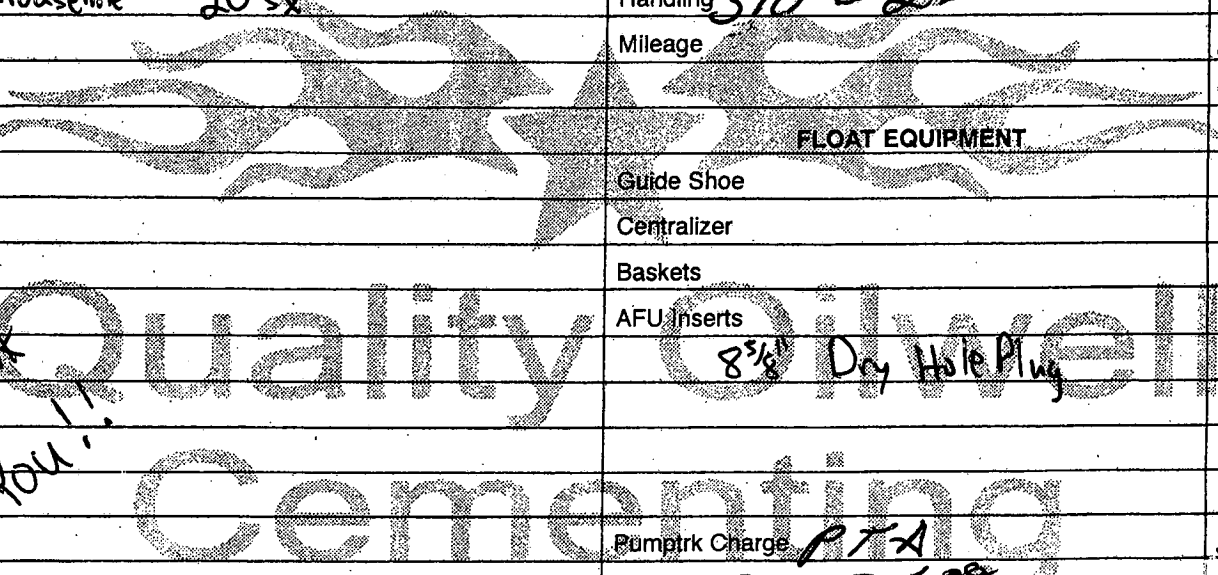
|                                   |                   |          |                       |
|-----------------------------------|-------------------|----------|-----------------------|
| <b>JOB SERVICES &amp; REMARKS</b> |                   | Calcium  |                       |
| Remarks:                          | 2100' - 50 sx     | Hulls    |                       |
|                                   | 1320' - 80 sx     | Salt     |                       |
|                                   | 660' - 50 sx      | Flowseal | 75 @ 2 <sup>00</sup>  |
|                                   | 240' - 50 sx      |          |                       |
|                                   | 60' - 20 sx       |          |                       |
|                                   | Rathole - 30 sx   |          |                       |
|                                   | Mousehole - 20 sx | Handling | 310 @ 2 <sup>00</sup> |
|                                   |                   | Mileage  | 350 <sup>00</sup>     |

|                        |                              |              |                   |
|------------------------|------------------------------|--------------|-------------------|
| <b>FLOAT EQUIPMENT</b> |                              |              |                   |
|                        | Guide Shoe                   |              |                   |
|                        | Centralizer                  |              |                   |
|                        | Baskets                      |              |                   |
|                        | AFU inserts                  |              |                   |
|                        | 8 5/8" Dry Hole Plug         |              | 45 <sup>00</sup>  |
|                        | Pumptrk Charge PTA           |              | 500 <sup>00</sup> |
|                        | Mileage 32 @ 6 <sup>00</sup> |              |                   |
|                        |                              | Tax          |                   |
|                        |                              | Discount     |                   |
|                        |                              | Total Charge |                   |

Thank You!!

X Signature *Mal D. Cho*

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# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3386

|   |                   |      |               |          |  |  |                         |                     |      |       |    |             |  |        |          |
|---|-------------------|------|---------------|----------|--|--|-------------------------|---------------------|------|-------|----|-------------|--|--------|----------|
| Date  | 9-15-09           | Sec. | 32            | Twp.     | 16   | Range  | 26                      | County              | NESS | State | Ks | On Location |  | Finish | 10:00 PM |
| Lease   | HORCH EM          |      | Well No.      | N-4      |  | Location   |                         | UTICA Ks 2W to B ed |      |       |    |             |  |        |          |
| Contractor  | MALLARD Oils      |      |               |          | Owner  | 1/2 S W info   |                         |                     |      |       |    |             |  |        |          |
| Type Job  | SURFACE           |      |               |          | To Quality Oilwell Cementing, Inc.<br>You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |  |                         |                     |      |       |    |             |  |        |          |
| Hole Size   | 12 1/4            |      | T.D.          | 208      |  | Charge To  | Pentair Pat             |                     |      |       |    |             |  |        |          |
| Csg.  | 8 5/8 23'         |      | Depth         | 208      |  | Street   |                         |                     |      |       |    |             |  |        |          |
| Tbg. Size   |                   |      | Depth         |          |  | City   | State                   |                     |      |       |    |             |  |        |          |
| Drill Pipe  |                   |      | Depth         |          |  | The above was done to satisfaction and supervision of owner agent or contractor. |                         |                     |      |       |    |             |  |        |          |
| Tool  |                   |      | Depth         |          |  |  |                         |                     |      |       |    |             |  |        |          |
| Cement Left in Csg.   | 15                |      | Shoe Joint    |          |  | CEMENT   |                         |                     |      |       |    |             |  |        |          |
| Press Max.  |                   |      | Minimum       |          |  | Amount Ordered   | 150 sx Common 2% Gel 3% |                     |      |       |    |             |  |        |          |
| Meas Line   |                   |      | Displace      | 12.3 Bbl |  | Common   | 150 @                   |                     |      |       |    |             |  |        |          |
| Perf.   |                   |      | CONFIDENTIAL  |          |  | Poz. Mix   |                         |                     |      |       |    |             |  |        |          |
| EQUIPMENT   |                   |      |               |          |  | OCT 28 2009  |                         |                     |      |       |    |             |  |        |          |
| Pumptrk   | 5                 | No.  | Cement Helper | JOE      |  | Gel.   | 3 @                     |                     |      |       |    |             |  |        |          |
| Bulktrk   | 8                 | No.  | Driver        | DOUG     |  | Calcium  | 5 @                     |                     |      |       |    |             |  |        |          |
| Bulktrk   | PJ                | No.  | Driver        | TODD     |  | Mills  |                         |                     |      |       |    |             |  |        |          |
| JOB SERVICES & REMARKS  |                   |      |               |          |  | Salt   | RECEIVED                |                     |      |       |    |             |  |        |          |
| Pumptrk Charge  | Surface           |      |               |          |  | Flowseal   | NOV 05 2009             |                     |      |       |    |             |  |        |          |
| Mileage   | 32 @              |      |               |          |  |  | KCC WICHITA             |                     |      |       |    |             |  |        |          |
| Footage   |                   |      |               |          |  |  |                         |                     |      |       |    |             |  |        |          |
| Total   |                   |      |               |          |  | Handling   | 158 @                   |                     |      |       |    |             |  |        |          |
| Remarks:  | Run 8 5/8 23' csg |      |               |          |  | Mileage  | .08 PER MI PER MILE     |                     |      |       |    |             |  |        |          |
| MIX 9 Pump 150 sx Common<br>2% Gel 3% CC<br>15 1/4 GAL 1.36 ft' |                   |      |               |          |  | Pump Truck Charge  |                         |                     |      |       |    |             |  |        |          |
| SHUT DOWN Release Plug  |                   |      |               |          |  | FLOAT EQUIPMENT  |                         |                     |      |       |    |             |  |        |          |
| DISP 12.3 Bbl total<br>Close Valves on csg 2000                 |                   |      |               |          |  | Guide Shoe   |                         |                     |      |       |    |             |  |        |          |
| BODY CIRC thru JO3<br>ETC OUT TO PAT                            |                   |      |               |          |  | Centralizer  |                         |                     |      |       |    |             |  |        |          |
| THANKS TODD JOE DOUG  |                   |      |               |          |  | Baskets  |                         |                     |      |       |    |             |  |        |          |
| Please call again   |                   |      |               |          |  | AFU Inserts  | 1 8 5/8 Wooden Plus     |                     |      |       |    |             |  |        |          |
| Head Manifold (P)   |                   |      |               |          |  | Rotating Head  |                         |                     |      |       |    |             |  |        |          |
| Squeez Mainfold   |                   |      |               |          |  |  |                         |                     |      |       |    |             |  |        |          |
| Signature: <i>Lyle Jorgensen</i>                                |                   |      |               |          |  | Tax  |                         |                     |      |       |    |             |  |        |          |
|   |                   |      |               |          |  | Discount   |                         |                     |      |       |    |             |  |        |          |
|   |                   |      |               |          |  | Total Charge   |                         |                     |      |       |    |             |  |        |          |