KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| | Form ACO-1 |
|-----|--------------------|
| | October 2008 |
| ORI | Form Must Be Typed |

API No. 15 - 031-22439-0000 OPERATOR: License # 31280 Birk Petroleum Spot Description: Name: SE_SE_SE_SW Sec. 15 Twp. 22 S. R. 16 Feast West Address 1: 874 12th Rd SW 180 Feet from North / South Line of Section Address 2: ____ City: Burlington State: Ks Zip: 66839 + Peet from Fast / West Line of Section Contact Person: Brian L. Birk Footages Calculated from Nearest Outside Section Corner: Phone: (620) 364-1311 - office □NE □NW ☑SE □SW County: Coffey CONTRACTOR: License # 31280 Lease Name: Raymond Klaus Well #: 1 Name: Birk Petroleum AUG 1 9 2009 Field Name: Neosho Falls-LeRoy Wellsite Geologist: None Producing Formation: Squirrel Purchaser: Coffeyville Resources Elevation: Ground: 1025 est. Kelly Bushing: ___ **Designate Type of Completion:** Total Depth: 1025 Plug Back Total Depth: 1025 ✓ _ New Well ____ Re-Entry Workover Amount of Surface Pipe Set and Cemented at: ___40' **√**__ Oil ____ SWD ____ SIOW Gas ENHR ____ SIGW Multiple Stage Cementing Collar Used? ☐ Yes ✓ No ____ CM (Coal Bed Methane) ____ Temp. Abd. If yes, show depth set: _____ ___ Other ___ If Alternate II completion, cement circulated from: ____1014 (Core, WSW, Expl., Cathodic, etc.) feet depth to: Surface w/ 16 If Workover/Re-entry: Old Well Info as follows: Operator: ____ **Drilling Fluid Management Plan** Alt II NOR 8-27-09 (Data must be collected from the Reserve Pit) Well Name: __ Original Comp. Date: _____ Original Total Depth: _____ Chloride content: _____ ppm Fluid volume: _____ bbls ___ Deepening _____ Re-perf. ____ Conv. to Enhr. ____ Conv. to SWD Dewatering method used: _____Plug Back Total Depth __ Plug Back: ___ Location of fluid disposal if hauled offsite: ___ Commingled Docket No.: Operator Name: _____ Docket No.: ___ ___ Dual Completion License No.: Lease Name: _____ Other (SWD or Enhr.?) Docket No.: Quarter_____Sec. ____Twp. S. R. East West 07/28/2009 07/28/2009 07/27/2009 Spud Date or Date Reached TD Completion Date or Docket No.: Recompletion Date Recompletion Date 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. KCC Office Use ONLY Letter of Confidentiality Received Date: 0 Subscribed and sworn to before me this _ If Denied, Yes Date: ___ Wireline Log Received **Geologist Report Received** __ UIC Distribution

A. LAURA C. BIRK
Notary Public - State of Kansas

My Appt. Expires 01/2

Date Commission Expires:

Side Two

| Operator Name: Birl | k Petroleum | | | | | Raymond Kla | us | Well #: _1 | | |
|---|---|--------------------------------|---------------------------------------|-------------------|-------------------|--------------------------------|---------------------------|--|--------------|--------------------------|
| Sec. 15 Twp. 2 | | | t 🗌 West | Coun | ty: Coffe | ∍ у | | · · · · · · · · · · · · · · · · · · · | | |
| instructions: Si time tool open and cl recovery, and flow ra surveyed. Attach fina | osed, flowing and tes if gas to surfac | shut-in press e test, along | sures, whether s | shut-in pre | essure rea | ched static leve | l, hydrostatic | pressures, bottom | hole temp | perature, fluid |
| Drill Stem Tests Take (Attach Additional | | | Yes 📝 No | | | - | on (Top), De _l | pth and Datum | | Sample |
| Samples Sent to Geo | ological Survey | ! | Yes 🗌 No | | Nam see a | ne attached drill log | 3 | Тор | | Datum |
| Cores Taken Electric Log Run (Submit Copy) | | | Yes ☑No Yes ☑No | | | | | | | |
| List All E. Logs Run: | | | | | | | | | | |
| | | | CACING | - DECORD | | | | Manager and the West war and | | |
| | | Rep | | RECORD conductor, | _ | ew 🗹 Used ermediate, produc | tion, etc. | | | |
| Purpose of String | Size Hole Drilled | | ize Casing et (In O.D.) | | eight s. / Ft. | Setting Depth | Type o | | | and Percent Additives |
| Surface | 9 7/8" | 7" | · · · · · · · · · · · · · · · · · · · | | | 40' | Portland | 16 | Calciu | i m |
| Long String | 6" | 2 7/8" | | | | 1014' | Portland | 125 | | - |
| | | | ADDITIONAL | CEMENT | TING / SQL | JEEZE RECORD |) | | | |
| Purpose: —— Perforate —— Protect Casing | Depth Top Bottom | Тур | e of Cement | #Sack | s Used | | Туре | and Percent Additives | | |
| Plug Back TD Plug Off Zone | | | | | | | | | | |
| Shots Per Foot | | | RD - Bridge Plug Each Interval Per | | • | | | ement Squeeze Record of Material Used) | rd | Depth |
| None | Open hole co | mpletion | 1014-1025 | • | | Frac w/42 | sx sand | | | 1014-1025 |
| | | | | | | | | RECEIVE | | |
| | | | | | | | | AUG 19 20 | | |
| TUBING RECORD: | Size: | Set At | | Packer i | At: | Liner Run: | | KCC WICHI | TA | |
| Date of First, Resumed 08/01/2009 | Production, SWD or | Enhr. | Producing Meth | nod: | Flowing | | | | er (Explain) |) |
| Estimated Production Per 24 Hours | Oil 5 | Bbls. | Gas | Mcf | Wate | er B | bls. | Gas-Oil Ratio | | Gravity |
| DISPOSITION | ON OF GAS: | | N | METHOD O | F COMPLE | TION: | | PRODUCTION | ON INTER | VAL: |
| ☐ Vented ☐ Sold | Used on Leas | | Open Hole [| Perf. | ☐ Dually | Comp. Cor | nmingled | | | |

BIRK PETROLEUM 900 SOUTH 4TH ST BURLINGTON, KS 66839

OP: #31280

| DATE: 07/28/2009 | LEASE: RAYMOND KLAUS |
|--|---|
| Birk Petroleum | WELL: 1 |
| 874 12 TH Rd SW | Description: 180' FSL; 2820' FEL; 15-22-16E |
| Burlington, Ks 66839 | County: Coffey |
| Spud: 07/27/2009 T.D.: 7/28/2009 Complete: 7/28/2009 | API: 15-031-22439-0000 |

| FORMATIONS | FROM | то | FORMATIONS | FROM | то |
|-------------------|------|-----|-------------|-------------|------|
| Top Soil | 0 | 2 | Lime | 924 | 928 |
| Clay | 4 | 23 | Shale | 928 | 943 |
| Lime | 23 | 27 | Lime | 943 | 950 |
| Shale | 27 | 223 | Shale | 950 | 1015 |
| Lime | 223 | 229 | Oil Sand | 1015 | 1021 |
| Shale | 229 | 236 | Sandy Shale | 1021 | 1025 |
| Sandy Shale/Lime | 236 | 238 | T.D. 1025' | | |
| Lime | 238 | 246 | | | |
| Sandy Shale | 246 | 250 | | | |
| Lime | 250 | 301 | | | |
| Shale | 301 | 379 | | | |
| Lime | 379 | 391 | | | |
| Shale | 391 | 397 | | | |
| Shale/Black Shale | 397 | 412 | | | |
| Lime | 412 | 448 | | | |
| Shale | 448 | 458 | | W | |
| Lime | 458 | 473 | | | |
| Shale | 473 | 491 | | | |
| Lime | 491 | 494 | | | |
| Red Shale/Shale | 494 | 516 | | | |
| Lime | 516 | 605 | | | |
| Shale | 605 | 627 | | | |
| Lime | 627 | 633 | | | |
| Shale | 633 | 638 | | | |
| Lime | 638 | 659 | | | |
| Shale | 659 | 781 | RECEI | /ED | |
| Lime | 781 | 793 | NEOLIN | | |
| Shale | 793 | 804 | AUG 1 9 | 2009 | |
| Shale/Lime | 804 | 840 | 700 | | |
| Sandy Shale | 840 | 846 | KCC WI | CHITA | |
| Shale/Sandy Shale | 846 | 865 | | | |
| Shale | 865 | 895 | | | |
| Lime | 895 | 903 | | | |
| Shale | 903 | 924 | | | |

| Surface bit: 9 7/8" | Surface Casing Len | gth: 40' | Size: 7' | " Cement: | 16 sx Portland |
|---------------------|--------------------|--------------|----------|--------------|----------------|
| Drill bit: 6" | T.D.: 1025' | Long String: | 1014' | Size: 2 7/8" | |

| LANT TIME | (7 / | 85) 233-9900 | J. John | F) | ver Silver LK. F XX # 233-9947 VER | ld. • Topeka Kansas 66 | 608 Office (785) 233-24 |
|--|---------------------|--|--|--|--|---------------------------------------|----------------------------|
| STOMER NAME | | 1/28/09 | · | * DELIVERY AI | DDRESS A 1 | | |
| | , | | | | K.Klei | u FI | 4 |
| <u></u> | | | | | | | |
| The state of the s | K 01 | | | | · | | |
| RCHASE ORDER | | ORDER # TAX | and the same of th | | | | SLUMP |
| D QTY PRO | DUCT O | ESCRIPTION | | | ORDEF | ED DELIVERED | UNIT PRICE AMOUN |
| Capalismon | | | | 59 | 375 | C. No. W | 11-3- |
| | 136 | 5 13ag | | | | | • |
| | 100 | 7.5-7 | | • | • | Wa | 375 |
| | | ハ | | | | | |
| EAVE PLANT | ARRIVE JOB SITE | START DISCHARGE | FINISHDIS | CHARGE | ARRIVE PLANT | | ~ |
| | | | | | | SUBTOTAL | 940. |
| DRIVER Note here i | | NOTE | · | | PORTANT | TAX | /19 |
| added and how muc | en. | Mile and and accompanied a few and | | | | | |
| added and how muc | : h. | We are not responsible for confreezing after placement. | oncrete (| We cannot be hel caused by our naterial beyond to | d responsible for dan trucks when deliven he curb-line. Not res | nage TOTAL string pon- PREVIOUS TOTAL | C # Q |
| added and how muc | .h. | freezing after placement. | | We cannot be hel caused by our naterial beyond the sible for quality added by purchaser. | d responsible for dan trucks when deliven ne curb-line. Not res of concrete if wate | ring PREVIOUS TOTAL GRAND TOTAL | 989 |
| added and how muc | .h. | 274066 | | sidie for quality | of concrete if water | 'is . | 989 |
| added and how muc | FI | Caution: | S S S S S S S S S S S S S S S S S S S | sidie for quality | of concrete if water | 'is . | 989 |
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