

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33741
Name: EnerJex Kansas, Inc. (Now owned by Pharyn - 34349)
Address 1: 27 Corporate Woods, Suite 350
Address 2: 10975 Grandview Drive
City: Overland Park State: KS Zip: 66210 + _____
Contact Person: Phil Frick (acting as an Agent of Pharyn)
Phone: (913) 221-5987
CONTRACTOR: License # 31280
Name: Birk Petroleum
Wellsite Geologist: None
Purchaser: Coffeyville Resources

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Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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 Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

| | | |
|-----------------------------------|-----------------|---|
| <u>4/8/2010</u> | <u>4/9/2010</u> | <u>4/9/2010</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 107-24039-0000
Spot Description: _____
SE NE SW NW Sec. 30 Twp. 20 S. R. 22 East West
3,430 Feet from North / South Line of Section
4,015 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Linn
Lease Name: Brownrigg Well #: 32
Field Name: Goodrich-Parker
Producing Formation: Squirrel
Elevation: Ground: 921 est Kelly Bushing: NA
Total Depth: 614.0' Plug Back Total Depth: 611.0'
Amount of Surface Pipe Set and Cemented at: 23.0 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 611.0
feet depth to: surface w/ 88 sx cm.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: Phil Frick
Title: Agent Date: 12/10/10

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dg Date: 1/4/11

Operator Name: EnerJex Kansas, Inc. (Now owned by Pharyn - 34349) Lease Name: Brownrigg Well #: 32
 Sec. 30 Twp. 20 S. R. 22 East West County: Linn

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| | | | | | | | |
|--|---|-------|-----|-------|----------|-------|------|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Gamma Ray/Neutron/CCL | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Squirrel</td> <td>512.0</td> <td>+409</td> </tr> </table> <div style="text-align: center; font-weight: bold; font-size: 1.2em;"> RECEIVED DEC 23 2010 KCC WICHITA </div> | Name | Top | Datum | Squirrel | 512.0 | +409 |
| Name | Top | Datum | | | | | |
| Squirrel | 512.0 | +409 | | | | | |

| 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 | 9 7/8" | 7" | NA | 23.0' | Portland | 8 | NA |
| Production | 5 5/8" | 2 7/8" | NA | 611.0' | 50/50 Poz | 88 | See Service Ticket |
| | | | | | | | |

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

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 2 spf | 512.0-520.0 - 17 perfs - 2" DML RTG | | |
| 2 spf | 525.0-535.0 - 21 perfs - 2" DML RTG | | |
| 2 spf | 540.0-546.0 - 13 perfs - 2" DML RTG | | |
| 2 spf | 554.0-560.0 - 13 perfs - 2" DML RTG | | |

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

| | | | | | |
|---|--|-------------------|-----------------------|---------------|---------|
| Date of First, Resumed Production, SWD or ENHR. <u>4/20/10</u> | Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ | | | | |
| Estimated Production Per 24 Hours | Oil Bbls. <u>2.0</u> | Gas Mcf <u>NA</u> | Water Bbls. <u>NA</u> | Gas-Oil Ratio | Gravity |

| | | |
|---|---|--|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|---|---|--|

| | |
|--|---|
| Operator License #: 33741 | API #: 15-107-24039-00-00 |
| Operator: Enerjex Kansas, Inc. | Lease: Brownrigg |
| Address: 10975 Grandview Dr. OP KS | Well #: 32 |
| Phone: 913-754-7754 | Spud Date: 4/8/10 Completed: 4/9/10 |
| Contractor License: 32079 | Location: SE-NE-SW-NW of 30-20-22E |
| T.D.: 614 T.D. of Pipe: 611 | 3430 Feet From South |
| Surface Pipe Size: 7" Depth: 23' | 4015 Feet From East |
| Kind of Well: Oil | County: Linn |

Set 23' of 7" surface casing, cemented to surface with 8sx Portland Cement

LOG

| Thickness | Strata | From | To | Thickness | Strata | From | To |
|-----------|-------------|------|-----|-----------|---------------|------|-----|
| 8 | Soil | 0 | 8 | 15 | Shale | 469 | 484 |
| 7 | Gravel | 8 | 15 | 2 | Lime | 484 | 486 |
| 20 | Shale | 15 | 35 | 45 | Sandy Shale | 486 | 531 |
| 8 | Lime | 35 | 43 | 15 | Good Oil Sand | 531 | 546 |
| 7 | Shale | 43 | 50 | 7 | Sandy Shale | 546 | 553 |
| 37 | Lime | 50 | 87 | 7 | Good Oil Sand | 553 | 560 |
| 2 | Black Shale | 87 | 89 | 54 | Shale | 560 | 614 |
| 3 | Shale | 89 | 92 | | | | |
| 3 | Lime | 92 | 95 | | | | |
| 2 | Shale | 95 | 97 | | | | |
| 20 | Lime | 97 | 117 | | | | |
| 2 | Black Shale | 117 | 119 | | | | |
| 5 | Lime | 119 | 124 | | | | |
| 2 | Shale | 124 | 126 | | | | |
| 6 | Lime | 126 | 132 | | | | |
| 164 | Shale | 132 | 296 | | | | |
| 3 | Black Shale | 296 | 299 | | | | |
| 15 | Lime | 299 | 314 | | | | |
| 3 | Shale | 314 | 317 | | | | |
| 10 | Lime | 317 | 327 | | | | |
| 50 | Shale | 327 | 377 | | | | |
| 2 | Black Shale | 377 | 379 | | | | |
| 17 | Lime | 379 | 396 | | | | |
| 9 | Shale | 396 | 405 | | | | |
| 4 | Lime | 405 | 409 | | | | |
| 29 | Shale | 409 | 438 | | | | |
| 7 | Lime | 438 | 445 | | | | |
| 15 | Shale | 445 | 460 | | | | |
| 9 | Lime | 460 | 469 | | | | |

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T.D.

614

T.D. of Pipe

611

