

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 **RECEIVED**
Name: Birk Petroleum **DEC 23 2010**
Wellsite Geologist: None
Purchaser: Coffeyville Resources **KCC WICHITA**
Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 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 #: _____
4/6/2010 4/8/2010 4/8/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 107-24055-0000
Spot Description: _____
NW NW SW NW Sec. 30 Twp. 20 S. R. 22 East West
3,679 Feet from North / South Line of Section
3,813 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Linn
Lease Name: Brownrigg Well #: 45
Field Name: Goodrich-Parker
Producing Formation: Squirrel
Elevation: Ground: 926 est Kelly Bushing: NA
Total Depth: 605.0' Plug Back Total Depth: 602.0'
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: 602.0
feet depth to: surface w/ 68 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: DJG Date: 1/4/11

Operator Name: EnerJex Kansas, Inc. (Now owned by Pharyn - 34349) Lease Name: Brownrigg Well #: 45
 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 Name Top Datum Squirrel 526.5 +399.5 <div style="text-align: center; font-weight: bold; font-size: 1.2em;"> RECEIVED DEC 23 2010 KCC WICHITA </div>
--	---

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	602.0'	50/50 Poz	68	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 <i>(Amount and Kind of Material Used)</i>	Depth
2 spf	526.5-536.5 - 21 perfs - 2" DML RTG		
2 spf	539.0-548.0 - 19 perfs - 2" DML RTG		
2 spf	550.0-567.0 - 36 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. Pending Permit	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. NA	Gas Mcf NA	Water Bbls. NA	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)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	--	--

Operator License #: 33741	API #: 15-107-24055-00-00
Operator: Enerjex Kansas, Inc.	Lease: Brownrigg
Address: 10975 Grandview Dr. OP KS	Well #: 45
Phone: 913-754-7754	Spud Date: 4/6/10 Completed: 4/8/10
Contractor License: 32079	Location: NW-NW-SE-NW of 30-20-22E
T.D. : 605 T.D. of Pipe: 602	3650 Feet From South
Surface Pipe Size: 7" Depth: 23'	3810 Feet From East
Kind of Well: Enh Rec	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	11	Good Oil Sand	553	564
7	Gravel	8	15	41	Shale	564	605
25	Shale	15	40				
9	Lime	40	49				
7	Shale	49	56				
35	Lime	56	91				
6	Shale	91	97				
2	Black Shale	97	99				
32	Sandy Lime	99	131				
2	Black Shale	131	133				
10	Lime	133	143				
163	Shale	149	306				
13	Sandy Lime	306	319				
12	Lime	319	331				
55	Shale	331	386		T.D.		605
17	Lime	386	403				
9	Shale	403	412		T.D. of Pipe		602
4	Lime	412	416				
26	Sandy Shale	416	442				
9	Lime	442	451				
15	Shale	451	466				
2	Lime	466	468				
3	Shale	468	471				
2	Lime	471	473				
20	Shale	473	493				
2	Black Shale	493	495				
38	Shale	495	533				
14	Good Oil Sand	533	547				
6	Sandy Shale	547	553				

