

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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JUL 27 2010

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA ORIGINAL
7/26/12

OPERATOR: License # 34318
Name: Berexco LLC
Address 1: P.O. Box 20380
Address 2: _____
City: Wichita State: KS Zip: 67208 + 1380
Contact Person: Evan Mayhew
Phone: (316) 265-3311
CONTRACTOR: License # 34318
Name: Berexco LLC
Wellsite Geologist: N/A
Purchaser: N/A

Designate Type of Completion:
____ New Well ____ Re-Entry Workover
____ Oil ____ SWD ____ SIOW
____ Gas ENHR ____ SIGW
____ CM (Coal Bed Methane) ____ Temp. Abd.
____ Dry Other Water Injection Well for Waterflood
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: Berexco Inc.
Well Name: Irene #3-5
Original Comp. Date: 10/24/1990 Original Total Depth: 5080
____ Deepening ____ Re-perf. Conv. to Enhr. ____ Conv. to SWD
____ Plug Back: _____ Plug Back Total Depth
____ Commingled Docket No.: _____
____ Dual Completion Docket No.: _____
____ Other (SWD or Enhr.?) Docket No.: _____
27 Sep. 1990 9 OCT. 1990 22 July 2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 093-21111-00-01
Spot Description: _____
E/2 SE SW Sec. 5 Twp. 23 S. R. 37 East West
660 Feet from North / South Line of Section
2970 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Kearney
Lease Name: Patterson Unit Well #: 3-5
Field Name: Heinitz
Producing Formation: N/A
Elevation: Ground: 3300 Kelly Bushing: 3312
Total Depth: 5080 Plug Back Total Depth: 5051
Amount of Surface Pipe Set and Cemented at: 1646 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 3174 Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AKI DOB 7-29-10
(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 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: Richard R. Smith
Title: Engineering Technician Date: 26 July, 2010
Subscribed and sworn to before me this 26 day of July
20 10
Notary Public: Diana E. Bell
Date Commission Expires: Aug 10, 2011

DIANA E. BELL
Notary Public - State of Kansas
My Appt. Expires 8-10-11

KCC Office Use ONLY
 Letter of Confidentiality Received 7/26/10 - 7/26/12
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Berexco LLC Lease Name: Patterson Unit Well #: 3-5 **JUL 26 2010**
 Sec. 5 Twp. 23 S. R. 37 East West County: Kearney **CONFIDENTIAL**

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 <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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: No new logs run for this workover/conversion.	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Refer to ACO-1 for Irene #3-5 on file w/KCC spudded Sep. 27, 1990
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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 #	1646'	Cl. C.Lite/Cl. C	550/150	2%cc, 1/4# flocele
Production	7 7/8"	5 1/2"	15.5 #	5079'	Surfill	150	
DV Tool		(all csg. prev. submitted)		3174'	Lite/Common	200/50	

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
4 SPF	4749-4755' (Morrow)	1300 gals 15% Fe-HCL	4749-55'
		15,500 gals gelled diesel,	4749-55'
		15,200# 20/40 sand	4749-55'
		500# 100 mesh sand	4749-55'
		(fraced in September, 1993 - reported previously)	

TUBING RECORD: Size: <u>2 7/8" seal-tite lined</u> Set At: <u>4731'</u> Packer At: <u>4731'</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. UIC application #E-30534 pending	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. NA	Gas Mcf NA	Water Bbls. NA	Gas-Oil Ratio NA	Gravity NA
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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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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BEREXCO LLC

26 July, 2010

Kansas Corporation commission
Oil & Gas Conservation Division
Wichita State Office Building
130 South Market, Room 2078
Wichita, KS 67202-3802

KCC
JUL 26 2010
CONFIDENTIAL

RE: Patterson Unit #3-5 E/2 SE SW
 Sec 5-T23S-R37W 660' fsl, 2970' fei
 Kearney County, Kansas
 API # 15-093-21111-00-01

Gentlemen:

Please find enclosed the original and two copies of the Well Completion Form ACO-1 for the above referenced well.

Because this is a workover/conversion of an existing well, copies of the open hole logs, geologist report, drill stem test reports and cementing tickets have previously been submitted to the KCC. No additional cementing was done for this workover/conversion.

Please hold all information **CONFIDENTIAL** for the maximum time allowed.

Thank you for your attention to this matter.

Sincerely,



Richard Smith
Engineering Technician
(316) 337-8334
(316) 265-2994 (fax)
rsmith@berexco.com

Enclosures

cc: Charles Spradlin
 Well File

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