

CONFIDENTIAL

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

6/24/10

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: Avril #2-31
 Original Comp. Date: 16 Oct. 1991 Original Total Depth: 5100'
 _____ 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.: _____

<u>19 Sep. 1991</u>	<u>29 Sep. 1991</u>	<u>07 May 2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

KCC
JUN 24 2010
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API No. 15 - 093-21188-00-01
 Spot Description: _____
 _____ SW _____ NW _____ Sec. 31 Twp. 22 S. R. 37 East West
4290 Feet from North / South Line of Section
4950 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 #: 2-31
 Field Name: Patterson
 Producing Formation: N/A
 Elevation: Ground: 3309 Kelly Bushing: 3321
 Total Depth: 5000' Plug Back Total Depth: 4957'
 Amount of Surface Pipe Set and Cemented at: 1684 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: 3234 Feet
 If Alternate II completion, cement circulated from: _____
 feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan WON 6 30 10
 (Data must be collected from the Reservoir)
 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: 24 June, 2010
 Subscribed and sworn to before me this 24th day of June,
2010
 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 6/24/10
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
JUN 28 2010
KCC WICHITA

Operator Name: Berexco LLC Lease Name: Patterson Unit Well #: 2-31
 Sec. 31 Twp. 22 S. R. 37 East West County: Kearney

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: logs sent into KCC in 1991 when first drilled - no additional logging done with workover.	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Tops submitted to KCC in 1991 when first drilled & completed as oilwell. <div style="text-align: right; font-weight: bold; font-size: 1.2em;"> KCC JUN 24 2010 CONFIDENTIAL </div>
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CASING RECORD <input checked="" 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 #	1684'	Lite / Class C	525 / 150	2% cc, 1/4# flocele
Production	7 7/8"	5 1/2"	15.5#	4999'	Thixset	175	5% KCL
DV Tool		(all csg prev. submitted)		3234'	Lite / Common	100 / 50	5% Gils.

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	4744' - 4748' (Morrow)	500 gals 15% Fe-HCL	4744-50'
4 SPF	4746' - 4750' (Morrow)	750 gals diesel, + 25 balls	4744-50'
		10000 gals gelled diesel & 15000 # 20/40 sand	4744-50'
		(above frac done July, 1994)	

TUBING RECORD: Size: <u>2 7/8" seal-tite lined</u> Set At: <u>4717'</u> Packer At: <u>4717'</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. UIC application approved - unit work incomplete.	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. <u>NA</u>	Gas Mcf <u>NA</u> Water Bbls. <u>NA</u> Gas-Oil Ratio <u>NA</u> Gravity <u>NA</u>

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: _____ <div style="text-align: right; font-weight: bold; font-size: 1.2em;"> RECEIVED </div>
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