

KANSAS CORPORATION COMMISSION 1105190
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 9951
Name: Krier, Kirby Oil, Inc.
Address 1: 1043 NE 80TH RD
Address 2:
City: CLAFLIN State: KS Zip: 67525 + 9159
Contact Person: KIRBY KRIER
Phone: (620) 562-7637
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: JIM MUSGROVE

Purchaser:
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 #:

09/21/2012	09/27/2012	09/27/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25740-00-00
Spot Description:
S2 NE NE SW Sec. 23 Twp. 16 S. R. 12 ☐ East ☒ West
2000 Feet from ☐ North / ☒ South Line of Section
2310 Feet from ☐ East / ☒ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☒ SW
County: Barton
Lease Name: Vernon Well #: 1
Field Name:

Producing Formation: ARBUCKLE
Elevation: Ground: 1932 Kelly Bushing: 1939
Total Depth: 3472 Plug Back Total Depth: 3472
Amount of Surface Pipe Set and Cemented at: 412 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 68000 ppm Fluid volume: 400 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Permit #:

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.

Submitted Electronically

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: Deanna Garrison Date: 12/20/2012

1105190

Operator Name: Krier, Kirby Oil, Inc. Lease Name: Vernon Well #: 1
 Sec. 23 Twp. 16 S. R. 12 ☐ East ☒ West County: Barton

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 ☐ Yes ☒ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☐ Yes ☒ No

Electric Log Submitted Electronically ☐ Yes ☐ No
 (If no, Submit Copy)

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Attached Top Attached Datum Attached

CASING RECORD ☒ New ☐ 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	12.25	8.62	23	412	COMMON	225	4%gel 8%cal.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
..... Perforate				
..... Protect Casing				
..... Plug Back TD				
..... 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

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR.

Producing Method:

☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS:

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

METHOD OF COMPLETION:

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
 (Submit ACO-5) (Submit ACO-4)
☐ Other (Specify)

PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	Krier, Kirby Oil, Inc.
Well Name	Vernon 1
Doc ID	1105190

Tops

TOPEKA	2711	-772
HEEBNER	2996	-1057
TORONTO	3014	-1075
DOUGLAS	3026	-1087
BROWN LIME	3090	-1151
LANSING	3108	-1169
GRANITE WASH	3400	-1461
GRANITE	3457	-1518
RTD	3472	-1532

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6029

Date	9-27-12	Sec.	23	Twp.	16	Range	12	County	Barton	State	KS	On Location		Finish	7:00 P.M.
Location								Beaver 4F Vinto							
Lease								Vernon							
Well No.								1							
Contractor								Southwind 2#4							
Type Job								Rotary Plug							
Hole Size								7 7/8							
T.D.								3472							
Csg.								Depth							
Tbg. Size								Depth							
Tool								Depth							
Cement Left in Csg.								Shoe Joint							
Meas Line								Displace							
EQUIPMENT								Common							
Pumptrk 15								No. Cementer							
Bulktrk								No. Helper							
Bulktrk 13								No. Driver							
Bulktrk								No. Driver							
Bulktrk								No. Driver							
JOB SERVICES & REMARKS								Hulls							
Remarks:								Salt							
Rat Hole								Flowseal 50#							
Mouse Hole								Kol-Seal							
Centralizers								Mud CLR 48							
Baskets								CFL-117 or CD110 CAF 38							
D/V or Port Collar								Sand							
1st 820 25SK								Handling 202							
2nd 400 100SK								Mileage							
3rd 40 40SK								FLOAT EQUIPMENT							
								Guide Shoe							
								Centralizer							
								Baskets 8 7/8 wooden Plug							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Pumptrk Charge							
								Mileage 31 plug							
								Tax							
								Discount							
								Total Charge							

X Signature

[Signature]