

COPY

FORM MUST BE TYPED

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 7037
Name: Krier Oil Operations
Address: P.O. Box 763
City/State/Zip: Great Bend, KS 67530

Purchaser: _____
Operator Contact Person: Roger Krier

Phone: (316) 793-5929

Contractor: Name: Duke Drilling Co., Inc.
License: 5929

Wellsite Geologist: _____

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☒ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date: _____ Old Total Depth: _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PBTD
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____

Spud Date: 09-26-92 Date Reached TD: 10-01-92 Completion Date: _____

API NO. 15- 009-24,514

County: Barton

NW - NE - SE - _____ Sec. 6 Twp. 16 Rge. 13 ☒ E ☐ W

2310 Feet from S/N (circle one) Line of Section

990 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name: Bitter Well #: 1

Field Name: _____

Producing Formation: _____

Elevation: Ground 1919 KB 1924

Total Depth: 3353' PBTD _____

Amount of Surface Pipe Set and Cemented at 411' 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 cas.

Drilling Fluid Management Plan BLT/ 12-8-92 DR
(Data must be collected from the Reserve Pit) D+D

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 Rng. _____ E/W

County: _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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: _____

Title: _____ Date: 10-20-92

Subscribed and sworn to before me this 20th day of October, 19 92

Notary Public: _____

Date Commission Expires: 10-16-95

NOTARY PUBLIC-STATE OF KANSAS
DIANA M. YETSCHKE

RECEIVED
DEC 9 1992
OFFICE USE ONLY
F ☐ Letter of Confidentiality Attached
C ☒ Wireline Log Received
G ☒ Geologist Report Received
DISTRIBUTION
☒ KCC ☐ SWD/Rep ☐ NGPA
☒ KGS ☐ Plug ☐ Other (Specify) _____
Form ACO-1 (7-91)

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ (Attach additional sheets.)
Samples Sent to Geological Survey ☒ Yes ☐ No
Cores Taken ☒ Yes ☐ No
Electric Log Run ☒ Yes ☐ No (Submit copy.)
List All E-Logs Run:
Radiation Guard Log

Name	Log	Formation (Top), Depth and Datum	Sample
Anhydrite	☒	882	☒
Topeka	☒	2794	☒
Heebner	☒	3027	☒
Toronto	☒	3043	☒
Douglas	☒	3059	☒
Lansing	☒	3099	☒
Base Kansas City	☒	3303	☒
Arbuckle	☒	3343	☒
Rotary Total Depth	☒	3353	☒
Log Total Depth	☒	3354	☒
		-1037	☒
		- 875	☒
		-1108	☒
		-1124	☒
		-1140	☒
		-1180	☒
		-1384	☒
		-1424	☒
		-1434	☒
		-1435	☒

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
☐ New ☐ Used

Purpose of String	Size Hole	Size Casing	Weight	Setting	Type of Cement	# Sacks	Type and Percent Additives
Surface	12 1/2"	8-5/8"	23#	411'	60/40 poz	185	2% gel 3% cc

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back ID				
Plug Off Zone				

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Acid, Fracture, Shot, Cement Squeeze Record
Depth

Shots Per Foot

TUBING RECORD

Size	Set At	Packer At	Liner Run	Yes ☐ No ☐

Date of First, Resumed Production, SWD or Inj. Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours 100 Oil Bbls. Gas Bbls. Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)
☐ Open Hole ☐ Part. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify)

METHOD OF COMPLETION

Production Interval