KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

# WELL COMPLETION FORM
## WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED
JUL 25 2002
KCC WICHITA

COPY

Operator: License # 32457
Name: ABERCROMBIE ENERGY, LLC
Address: 150 N. Main, Suite 801
City/State/Zip: Wichita, KS 67202-1383
Purchaser:
Operator Contact Person: DON BEAUCHAMP
Phone: ( 316 ) 262-1841
Contractor: Name: CHEYENNE DRILLING, INC.
License: KLN 5382
Wellsite Geologist: Arden Ratzlaff

Designate Type of Completion:
X New Well ____ Re-Entry ____ Workover
____ Oil ____ SWD ____ SIOW ____ Temp. Abd.
X Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, 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./SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled Docket No.
____ Dual Completion Docket No.
____ Other (SWD or Enhr.?) Docket No.

| 06-06-02 | 06-08-02 | 06-24-02 |
|---|---|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 075-20790-00
County: HAMILTON
70' S & 70' E of
____ - ____ - C - SE Sec. 24 Twp. 26 S. R. 40 ☐ East ☒ West
1250 feet from (S) / N (circle one) Line of Section
1250 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: KRITZMIRE Well #: 3-24
Field Name: Panoma
Producing Formation: Council Grove
Elevation: Ground: 3345' Kelly Bushing: 3351'
Total Depth: 2850' Plug Back Total Depth: 2825'
Amount of Surface Pipe Set and Cemented at 638 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set ____ Feet
If Alternate II completion, cement circulated from 2850'
feet depth to 520' w/ 335 sx cmt.
NOTE: ALT. 1

Drilling Fluid Management Plan ALT 1 JH 11/19/02
(Data must be collected from the Reserve Pit)
Chloride content 43,000 ppm Fluid volume 950 bbls
Dewatering method used Evaporation
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: Don Beauchamp
Title: Vice President of Exploration Date: 07-24-02

Subscribed and sworn to before me this 24th day of July, 2002.

Notary Public: Deborah K. Ammerman
Date Commission Expires: March 1, 2004

DEBORAH K. AMMERMAN
Notary Public - State of Kansas
My Appt. Expires 3-1-2004

**KCC Office Use ONLY**
____ Letter of Confidentiality Attached
✓ If Denied, Yes ☐ Date: ____
✓ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

*Side Two*

Operator Name: ABERCROMBIE ENERGY, LLC Lease Name: KRITZMIRE Well #: 3-24

Sec. 24 Twp. 26S S. R. 40 ☐ East ☒ West County: HAMILTON

**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 (Attach Additional Sheets) ☐ Yes ☒ No

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy) ☒ Yes ☐ No

List All E. Logs Run:

Dual Induction Log
Dual Compensated Porosity Log
Microresistivity Log
Borehole Compensated Sonic Log

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

| Name | Top | Datum |
|---|---|---|
| B/Anhydrite | 1915' | +1436 |
| Wellington | 2246' | +1105 |
| B/Wellington | 2409' | +942 |
| Herington | 2428' | +923 |
| Krider | 2448' | +903 |
| Winfield | 2481' | +870 |
| Towonda | 2549' | +802 |
| Ft. Riley | 2594' | +757 |
| Council Grove | 2687' | +664 |
| LTD | 2856' | |

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 1/4" | 8 5/8" | 24# | 638' | Lite<br>Common | 200<br>125 | 3% cc; ¼# flosea<br>3% cc |
| Production | 7 7/8" | 5 1/2" | 14# | 2849' | A-Con Common<br>Common | 200<br>135 | |
| | | | | | | | |

ADDITIONAL CEMENTING / SQUEEZE RECORD

| Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|---|---|---|---|---|
| | | | | |
| | | | | |

| 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 |
|---|---|---|---|
| 2<br>2 | 2687' - 2690'<br>2701' - 2711' | 2000 Gal. 7.5% DSFE w/70 perf. balls<br>80 bbls. KCL water | |
| 2<br>2 | 2722' - 2727'<br>2734' - 2738' | 70,000# 12/20 Brady Sand, 50,800 gal.<br>70% Nitrogen foamed 20# x-linked gel | |
| 2<br>2 | 2742' - 2748'<br>2766' - 2774' | | |
| | | | |
| | | | |

| TUBING RECORD | Size | Set At | Packer At | Liner Run |
|---|---|---|---|---|
| | 2 3/8" | 2825' | | ☐ Yes ☒ No |

| Date of First, Resumed Production, SWD or Enhr. | Producing Method | | | | |
|---|---|---|---|---|---|
| 07-16-02 | ☐ Flowing | ☒ Pumping | ☐ Gas Lift | ☐ Other (Explain) | |

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|---|---|---|---|---|---|
| | | 100 | 7 | | |

Disposition of Gas METHOD OF COMPLETION Production Interval 2687'-2690' 2734'-2738', 2742'-2748', 2701'-2711' 2722'-2727' 2766'-2774'

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify)