

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

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 32457
Name: ABERCROMBIE ENERGY, LLC
Address: 150 N. MAIN, SUITE 801
City/State/Zip: WICHITA, KS 67202
Purchaser: N/A
Operator Contact Person: STEVE FRANKAMP
Phone: (316) 262-1841
Contractor: Name: MALLARD JV, INC.
License: 4958

Wellsite Geologist: RICHARD S. DAVIS, JR.

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: _____

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. _____

06-01-01 06-09-01 06-09-01

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 007-22654-0000

County: BARBER

SE SW NW Sec. 1 Twp. 31 S. R. 11 ☐ East ☒ West

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:

(circle one) NE SE (NW) SW

Lease Name: HUDSON Well #: 1-1

Field Name: WILDCAT

Producing Formation: _____

Elevation: Ground: 1780' Kelly Bushing: 1785'

Total Depth: 4595' Plug Back Total Depth: 4595

Amount of Surface Pipe Set and Cemented at 261 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D&A JH 7/5/02
(Data must be collected from the Reserve Pit)

Chloride content 12,000 ppm Fluid volume 1,200 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: Steve Frankamp

Title: Exec. Vice Pres. of Date: June 22, 2001

Abercrombie RTD, Inc., Manager

Subscribed and sworn to before me this 22nd day of June

2001

Notary Public: Deborah K. Ammerman

Date Commission Expires: March 1, 2004



KCC Office Use ONLY

☐ Letter of Confidentiality Attached

If Denied, Yes ☐ Date: _____

☒ Wireline Log Received

☒ Geologist Report Received

☐ UIC Distribution

Operator Name: ABERCROMBIE ENERGY, LLC Lease Name: HUDSON Well #: 1-1
 Sec. 1 Twp. 31 S. R. 11 ☐ East ☒ West County: BARBER

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 ☒ Yes ☐ No
 (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

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

Name Top Datum

Please see 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 1/4"	8 5/8"	20#	261'	60/40 Poz	250	2% Gel 3% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☒ Protect Casing		60/40 Poz	135	6% Gel
☐ Plug Back TO				
☐ 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
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Date of First, Resumed Production, SWD or Enhr.	Producing Method
D & A	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)

ORIGINAL

Operator: Abercrombie Energy, LLC
Well Name: Hudson 1-1
Location: C SE SW NW Sec. 1-31S-11W
Barber County, KS
API No.: 15-007-22654-0000

LOG TOPS:

Oread	3643'	-1858
Heebner	3710'	-1925
Doug Shale	3746'	-1961
L. Doug Shale	3810'	-2025
Brown Lime	3887'	-2102
Lansing	3896'	-2111
Stark	4268'	-2483
B/KC	4358'	-2573
Marmaton	4375'	-2590
Miss Chert	4477'	-2692
Miss Lime	4500'	-2715
Kind Shale	4563'	-2778
LTD	4596'	

DST#1 3764' - 3822' (Douglas)

30-60-60-60

½" blow increased to 14" blow

Rec: 475' Fluid (110' Mud, 125' WM (20% wtr.), 240' MW (84% wtr.)

Chlorides 91,000 ppm (mud system 5,000 ppm)

IFP 33-161# ICIP 1185#

FFP 160-258# FCIP 1148#

DST #2 4455' - 4514' (Miss)

30-60-60-60

Weak increasing to good blow

Rec: 200' GIP

70' SGCM (3% gas, 97% mud)

IFP: 44-53# ICIP: 253#

FFP: 49-62# FCIP: 443#

118° BHT

ALLIED CEMENTING CO., INC.

7652

Federal Tax I.D.# 48-0727860

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Mec. Lodge

15-007-22654-0000

DATE 6-1-01	SEC. 1	TWP. 31S	RANGE 11W	CALLED OUT 7:00 P.M.	ON LOCATION 10:30 P.M.	JOB START 11:30 P.M.	JOB FINISH 12:10 A.M.
LEASE HADSON	WELL # 1-1	LOCATION ISHL RD. & Ridge RD.			COUNTY BARBER	STATE KS	
OLD OR NEW (Circle one)		3 1/4 E 1/2 N 4/3					

CONTRACTOR Mollard Drilling

OWNER ABERCROMBIE ENERGY

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4	T.D. 261.00
CASING SIZE 8 5/8	DEPTH 261.00
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX 250	MINIMUM 50
MEAS. LINE	SHOE JOINT 42.30
CEMENT LEFT IN CSG. 20.00	
PERFS.	
DISPLACEMENT 15 3/4	

CEMENT

AMOUNT ORDERED 250 SK 10:40:2 + 3 1/2 SK

EQUIPMENT

PUMP TRUCK	CEMENTER Shane Winters
# 352	HELPER Kevin Brungart
BULK TRUCK	
#	DRIVER Louie A.
BULK TRUCK	
#	DRIVER

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	@	
MILEAGE		

SURFACE CEMENT

TOTAL

REMARKS:

on location Rig up - Pipe on Bottom
BREAK CIRC. start cement of 60 bbls
slurry - shutdown Release Plug start
Disph of 15 3/4 bbl shut in - circ.
22 SK cement to pit

SERVICE

DEPTH OF JOB 261.00	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
PLUG WOODEN	@
	@
	@

TOTAL

CHARGE TO: ABERCROMBIE ENERGY

STREET
CITY STATE ZIP

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE

Kirk Urban

Kirk Urban

PRINTED NAME

ALLIED CEMENTING CO., INC.

7615

Federal Tax I.D.# 48-0727860

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

15-007-22654-0000

10046

DATE <i>6-9-01</i>	SEC <i>1</i>	TWP <i>31S</i>	RANGE <i>11W</i>	CALLED OUT <i>10:00 AM</i>	ON LOCATION <i>3:45</i>	JOB START <i>7:00 PM</i>	JOB FINISH <i>3:15 PM</i>
LEASE <i>Hudson</i>	WELL # <i>1-1</i>	LOCATION <i>Isabel Rd + Ridge Rd</i>			COUNTY <i>Barber</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)		<i>34 E 3 N 6 W</i>					

CONTRACTOR *Mallard*
 TYPE OF JOB *Rotary Plug*
 HOLE SIZE *13* T.D. *4595*
 CASING SIZE *28" x 14* DEPTH *261*
 TUBING SIZE DEPTH
 DRILL PIPE *4 1/2 x 16* DEPTH *600*
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT *6 BBLs Fresh #3*

OWNER *Abercrombie Energy*
 CEMENT
 AMOUNT ORDERED *35 SX 60-40-6*

EQUIPMENT
 PUMP TRUCK CEMENTER *Justin Hart*
 # *343* HELPER *Mark Brungardt*
 BULK TRUCK
 # *292* DRIVER *Dwayne West*
 BULK TRUCK
 # DRIVER

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	@	
MILEAGE	@	

REMARKS:

600' 50 SX
290' 50 SX
70' 10 SX
100' 10 SX
10' 15 SX

PLUGGING CEMENT

SERVICE

DEPTH OF JOB
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE @
 PLUG *Wooden* @
 @
 @

TOTAL

CHARGE TO: *Abercrombie Energy*
 STREET
 CITY STATE ZIP

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX
 TOTAL CHARGE
 DISCOUNT IF PAID IN 30 DAYS

SIGNATURE *Lyle Juergensen*

Lyle Juergensen
 PRINTED NAME