Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION.

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

Form Must Be Typed Form must be Signed All blanks must be Filled

OPERATOR: License # 13457	API No. 15 - 135-25189-00-00
AREBOROMBIE ENERGY I I G	Spot Description:
Name: ABERCROMBIE ENERGY, LLC.  JAN U 3  Address 1: 10209 W. CENTRAL, SUITE 2  Address 2: CONFIDENTIAL	W/2_NE_SW_SW Sec. 11 Twp. 19 S. R. 26 ☐ East ✓ West
Address 2:	990 Feet from North / South Line of Section
City: WICHITA State: KS Zip: 67212 +	780 Feet from East / West Line of Section
Contact Person: MARK R. GALYON	Footages Calculated from Nearest Outside Section Corner:
Phone: ( 316 ) 262-1841 RECEIVED	□ne □nw □se ☑sw
CONTRACTOR: License # 33575	County: NESS
Name: WW DRILLING, LLC. JAN 0 6 2011	Lease Name: DAY Well #: 1-11
Wellsite Geologist: ROGER L. MARTIN	Field Name: WCV NORTHWEST
Wellsite Geologist: ROGER L. MARTIN  Purchaser: KCC WICHITA	Producing Formation:
Designate Type of Completion:	Elevation: Ground: 2603' Kelly Bushing: 2608'
X New Well Re-Entry Workover	Total Depth: 4670' Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: 274 Feet
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ Gas	Multiple Stage Cementing Collar Used? Yes X No
OG GSW Temp. Abd.	If yes, show depth set:Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	
If Workover/Re-entry: Old Well Info as follows:	feet depth to:w/sx cmt.
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	· ·
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: 19,200 ppm Fluid volume: 900 bbls
Conv. to GSW	Dewatering method used: Evaporation
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit#:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
ENHR	County: Permit #:
12-01-2010 12-08-2010	
Spud Date or Date Reached TD Completion Date or Recompletion Date	
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover or coof side two of this form will be held confidential for a period of 12 months if requitiality in excess of 12 months). One copy of all wireline logs and geologist well	nversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information uested in writing and submitted with the form (see rule 82-3-107 for confiden-

**AFFIDAVIT** 

BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Date: 01-05-2011 Title: President of G&F Resources, Inc., Mgr.

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Letter of Con	fidentiality Re-	geived	
Date:5	11 - 1	15/12	
Confidential I	Release Date:	· •	

Wireline Log Received Geologist Report Received

UIC Distribution

ALT I II III Approved by:

Side Two

KCC JAN 0 5 2011 CONFIDENTIAL

Operator Name: ABE	RCROMBIE EN	ERGY, LLC.	Lease Nam	e: DAY		_ Well #:1-	11 CONFIDEN
Sec. 11 Twp.19	s. R. <u>26</u>	☐ East	County: N	ESS		<u></u>	
ime tool open and clo	sed, flowing and shut es if gas to surface tes	d base of formations pe -in pressures, whether s st, along with final chart well site report.	shut-in pressure	reached static level	, hydrostatic pres	sures, bottom	hole temperature, fluid
Drill Stem Tests Taken (Attach Additional S		✓ Yes		✓ Log Formatio	on (Top), Depth a	nd Datum	Sample
Samples Sent to Geol	•	Yes No	ı	Name		Top	Datum
Cores Taken Electric Log Run		Yes No	:	SEE ATTACHED	RI	RECEIVED	
Electric Log Submitted (If no, Submit Copy	•	Yes No		- 1	JA	N 0 6 201	11
List All E. Logs Run: Borehole Comp PEL Density; Du		og; Comp. Neutro	on		KCC	C WICHI	TA ·
		CASING	RECORD [	New Used	A:		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	e, intermediate, produc Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	274'	Common	165	3% cc, 2% gel
Purpose:  —— Perforate —— Protect Casing	Depth Top Bottom	ADDITIONA Type of Cement	L CEMENTING / # Sacks Use	SQUEEZE RECORD		Percent Additives	5
Plug Back TD Plug Off Zone		4					
Shots Per Foot		DN RECORD - Bridge Plu Footage of Each Interval Pe			acture, Shot, Cemer Amount and Kind of M		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:			
Date of First, Resumed	Production, SWD or EN	HR. Producing Me	ethod:		Yes No		
,		Flowing	Pumping		Other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water 6	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION Sold  Vented Sold  (If vented, Sub-	L	Open Hole		Dually Comp. Co	ommingled bmit ACO-4)	PRODUCT	ION INTERVAL:

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JAN 06 2011

KCC WICHITA

Abercrombie Energy, LLC.

10209 W. CENTRAL, SUITE 2

WICHITA, KANSAS 67212

(316)262-1841

OPERATOR: Abercrombie Energy, LLC.

**KCC** 

JAN 0 5 2011

CONFIDENTIAL

CONTRACTOR: WW Drilling

RIG #:10 PTD: 4650'

API#15-135-25189-00-00

990' FSL & 780' FWL

Section 11-19S-26W

Ness County, KS

ELEVATION: 2603' GL

2608' KB

SPUD DATE: 12/1/2010 @ 2:30 P.M.

11-15-10 **Location Staked**  Page 1

11-20-10 W&L Dirt - Building location

11-22-10 Waiting on WW Drilling Rig 10 - scheduled to move in 12-01-2010.

MIRU 12-01-10

**DAY #1-11** 

12-02-10 580' - Drilling. Drilled 580' - 24 hrs. Bit #1, 12 1/4" Smith Re-run L14782, in @ 0', out @ 274'. Cut 274' - 2 1/4 hrs. Bit #2, 7 7/8" Smith F27, New PS4249, in @ 274'. Cut 306' - 3.5 hrs. Bit weight 20,000#, RPM 90, 650# pump, SPM 58. Mud weight 8.8, Viscosity 28. Set 6 its. 24# 8 5/8" casing, tally 266.60', set @ 274', cemented with 165 sks. Common, 3% cc, 2% gel. Plug down @ 7:30 p.m. Job by Allied Cementing. Did circulate. Drilled out at 3:30 a.m. 12-2-2010. Deviation - 1° @ 274'.

2510' - Drilling. Drilled 1930' - 24 hrs. Bit #2, 7 7/8" New Smith F27, PS4249, in @ 274'. Cut 2236' 12-03-10 - 26 hrs. Bit weight 30,000, RPM 90, 850# pump, SPM 58. Mud weight 9.4, Viscosity 29. Mud Cost \$1,112.00.

12-04-10 3280' - Drilling, Drilled 770' - 24 hrs. Bit #2, 7 7/8" New Smith F27, PS4249, in @ 274', Cut 3006' -47.5 hrs. Bit weight 35,000, RPM 80, 850# pump, SPM 57. Mud weight 9.4, Viscosity 30, Chlorides 90,000, LCM 2#. Mud Cost \$5,038.00.

4038' - Drilling. Drilled 758' - 24 hrs. Bit #2, 7 7/8" New Smith F27, PS4249, in @ 274'. Cut 3764' -12-05-10 70.25 hrs. Bit weight 40,000, RPM 80, 875# pump, SPM 58. Mud weight 9.2, Viscosity 65, Water loss 6.8, Chlorides 3,300, 2# LCM. Mud Cost \$7,402.00.

12-06-10 4515 - Drilling. Drilled 477' - 24 hrs. Bit #2, 7 7/8" New Smith F27, PS4249, in @ 274'. Cut 4241" -92.5 hrs. Bit weight 40,000, RPM 80, 875# pump, SPM 58. Mud weight 9.2, Viscosity 45, Water loss 12.8. Chlorides 4.900. 1# LCM. Mud Cost \$7.574.00.

4590' - Testing. Drilled 75' - 24 hrs. Bit #2, 7 7/8" New Smith F27, PS4249, in @ 274'. Cut 4316' -12-07-10 96.25 hrs. Bit weight 40,000, RPM 80, 875# pump, SPM 58. Mud weight 9.4, Viscosity 50, Water loss 10.4, Chlorides 6,200, 1# LCM. Mud Cost \$9,134.00. Deviation - 1 3/4° @ 4590'. Pipe strap 0.75' short to board.

> DST #1 4546' - 4590' (Congl. - Miss)

30-60-30-60

Initial opening - 1/8" blow. Second opening - no blow.

Recovered: 1' free oil

72' OCM (10% oil, 90% mud)

No water

BHT: 120°

ISIP: 167# IFP: 34-43#

FSIP: 163#

FFP: 46-53#

## Abercrombie Energy, LLC.

10209 W. CENTRAL, SUITE 2 WICHITA, KANSAS 67212 (316)262-1841

**DAY #1-11** 

OPERATOR: Abercrombie Energy, LLC.

CONTRACTOR: WW Drilling

DIC // 10

Ness County, KS

990' FSL & 780' FWL

Section 11-19S-26W

RIG #:10 PTD: 4650'

API#15-135-25189-00-00

ELEVATION: 2603' GL

2608' KB

SPUD DATE: 12/1/2010 @ 2:30 P.M.

12-07-10 Drilled another 5' to 4595' - Fair to good show of oil.

Page 2

(Cont'd)

DST #2 4588' - 4595' (Miss)

30-60-90-120

Steady 3" blow throughout.

Recovered: 1' free oil

267' slight mud cut water

BHT - 134°

ISIP: 1313#

IFP: 18-77#

FSIP: 1312#

FFP: 78-146#

12-08-10 4670' - Preparing to log. Drilled 80' - 24 hrs. Bit #2, 7 7/8" New Smith F27, PS4249, in @ 274', out @ 4590'. Cut 4316' - 96.25 hrs. Bit #3, 7 7/8" Smith F-27 Rerun, PS0525, in @ 4590', out @ 4670'. Cut 80' - 2 1/4 hrs. Bit weight 40,000, RPM 80, 875# pump, SPM 58. Mud weight 9.3, Viscosity 47, Water loss 9.6, Chlorides 5,200, trace LCM. Mud Cost \$9,657.00.

12-09-10 4670' - D&A. Drilled 17' - 24 hrs. Deviation - 1 1/4° @ 4670'. Plugged D&A - 1<sup>st</sup> plug @ 1920' w/50 sks., 2<sup>nd</sup> plug @ 1080' w/80 sks., 3<sup>rd</sup> plug @ 500' w/40 sks., 4<sup>th</sup> plug @ 290' w/50 sks., 5<sup>th</sup> plug @ 60' w/20 sks., 30 sks. in rathole. 270 total sks. 60/40 Poz, 4% gel, 1/4# floseal per sk. Plug down @ 1:30 a.m. 12-09-10. Did circulate. Job by Allied. Rig released at 3:00 a.m. 12-09-10.

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JAN 0 6 2011

KCC WICHITA

### Abercrombie Energy, LLC.

10209 W. CENTRAL, SUITE 2 WICHITA, KANSAS 67212 (316)262-1841

**DAY #1-11** 

990' FSL & 780' FWL

Section 11-19S-26W

Ness County, KS

OPERATOR: Abercrombie Energy, LLC.

CONTRACTOR: WW Drilling

RIG #:10

PTD: 4650'

API#15-135-25189-00-00

ELEVATION: 2603' GL

2608' KB

SPUD DATE: 12/01/2010 @ 2:30 P.M.

Page 3

#### STRUCTURAL COMPARISON

Abercrombie's Da Appr. N/2 SW SW	<u> </u>		Palamino's #1 Antenen NE NW NW 14-19S-26W				
	SAMPLE	TOPS	LOG TOPS		LOG DATI	JMS	
Anhydrite	1881'	+727	1880'	+728	+717	+11'	+3'
B/Anhydrite	1920'	+688	1919'	+689	+681	+8'	
Heebner	3912'	-1304	3911'	-1303	-1308	+5'	
Lansing	3952'	-1344	3953'	-1345	-1349	+4'	+9'
Stark	4214'	-1606	4214'	-1606	-1610	+4'	+9'
BKC	4287'	-1679	4287'	-1679	-1682	+3'	
Marmaton	4329'	-1721	4326'	-1718	-1721	+3'	
Pawnee	4420'	-1812	4420'	-1812	-1813	+1'	+8'
Ft. Scott	4474'	-1866	4474' '	-1866	-1868	+2'	+9'
Cherokee	4497'	-1889	4498'	-1890	-1890	Flat	+8'
B/Cher. Lime	4550'	-1942	4549'	-1941	-1941	Flat	+7'
Miss. Lime	4581'	-1973	4581'	-1973	None		-2'
Miss. Dolomite	4588'	-1980	4590'	-1982	-1971	-11'	-5'
Total Depth	4670'	-2062	4670'	-2062	-1983		

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JAN 06 2011

KCC MICHITA

# ALLIED CEMENTING C

REMIT TO P.O. BOX 31

0 5 2011 CONFIDENTIAL

SERVICE POINT: **RUSSELL, KANSAS 67665** Great Bead W) SEC TWP. RANGE CALLED OUT ON LOCATION DATE 12 - 1-10 JOB START JOB FINISH 700 DM 730 Pm LEASE O Q y WELL# 1-11 LOCATION Beeler US 3 Sauty COUNTY STATE 1 East Me33 WS OLD OR NEW (Circle one) No. 1 Teta CONTRACTOR WWW R.S. 10 OWNER Aber Grombie ENERSY LL TYPE OF JOB HOLE SIZE T.D. 274 CEMENT CASING SIZE & DEPTH 2フ3 AMOUNT ORDERED 16554 Class A 390" TUBING SIZE **DEPTH** DRILL PIPE DEPTH TOOL **DEPTH** PRES. MAX <u>MINIMUM</u> COMMON\_ MEAS. LINE **SHOE JOINT** POZMIX CEMENT LEFT IN CSG. GEL **CHLORIDE** DISPLACEMENT 14.50 GBLS ASC\_\_\_\_ **EQUIPMENT** RECEIVED PUMP TRUCK CEMENTER Wayne D JAN 0 6 2011 # 3612 HELPER BILL **BULK TRUCK** KCC WICHITA # 485 DRIVER WELL W. **BULK TRUCK** @ DRIVER HANDLING MILEAGE \_ **REMARKS:** Fife on Botton Break Circulation TOTAL with Rismand MOOK UP MIX 16554 Class A 39000 **SERVICE** 2% ALL DEPTH OF JOB AFFICA CONTRACTOR OF THE PARTY Displace 16.50 BBLS PUMP TRUCK CHARGE -stow 233.t Shut in. EXTRA FOOTAGE \_ Coment did MILEAGE Ris Oama (a) MANIFOLD\_ @ @ CHARGE TO: Aber coambie Euclav MC STREET\_ TOTAL CITY\_ \_STATE\_ PLUG & FLOAT EQUIPMENT @ To Allied Cementing Co., LLC. @ You are hereby requested to rent cementing equipment @ and furnish cementer and helper(s) 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 and understand the "GENERAL TOTAL TERMS AND CONDITIONS" listed on the reverse side. SALES TAX (If Any)\_ TOTAL CHARGES PRINTED NAME Many Mills DISCOUNT \_\_\_\_ IF PAID IN 30 DAYS SIGNATURE \_\_\_\_\_

# ALLIED CEMENTING CO., LLC. 33470 KCC SOX 31 ELL, KANSAS 67665 JAN 0 5 2011 SERVICE POINT:

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

				CONFIDE	EVINA	G-694	Bendys
DATE / 2 - 8-10	SEC.	TWP.	RANGE 2L	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Day	WELL#	1-11	LOCATION Bee	14. KS 3.	outy To rock	COUNTY	STATE
OLD OR NEW (Cire	cle one)			0.14. 27.0		<u> </u>	L V S
CONTENT + CONTENT		yang d	the property of the second section of	4 1 10			
CONTRACTOR (	WW		101	OWNER -	and Apero	aid mer.	E 48-54
HOLE SIZE 7	recy	Plus	9 2 200 02		7. 7.	<u> </u>	- 5/
CASING SIZE		T.D.					
TUBING SIZE		DEF		AMOUNT (	DRDERED 276	3x 60/4	2 49x 60
DRILL PIPE 1/2			TH 1 54 2 C	_ 为flas	150		
TOOL			TH				
PRES. MAX			IMUM	COMMON_			
MEAS. LINE			E JOINT	POZMIX		_@	
CEMENT LEFT IN	CSG.			GEL _		_@	* .
PERFS.				CHLORIDE		-@	
DISPLACEMENT	· · · · ·	<u>. 1 </u>		ASC			<u>,                                     </u>
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			Y-e - D	<i>JA</i> n	0 6 2011	@	
# 366 н	ELPER	Ball	73 9 0 e ch	KOO	14/10/11-	_@	
BULK TRUCK # '1 % \ DI				- ·····	WICHITA	_@	
BULK TRUCK	RIVER	Hevin	N. MAN.				· · · · · · · · · · · · · · · · · · ·
	RIVER					_@	
<u> </u>	MVEK			- HANDLING		_@ @	
* 10 mm			94 M	MILEAGE _			
	RE	MARKS:					
1 plus 1920	nni	450 SY	<u>K </u>			TOTAL	
200 DIOR 1020	J101 }	X C OS Y		<del></del>	SERVIC	NEW CONTRACTOR OF THE PROPERTY	
th Olive Joo	- 39cm 1	4 40 8)	<u>(                                     </u>		SERVIC	E	
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Kathole	mi.			_ PUMP TRUC	K CHARGE		
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CHARGE TO: Abe	some or six	auth.	6			@	# or service of the s
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the second of			4		The state of the s	@	
To Allied Cementing	Co., L	LC.		A ME COMMEN	,		
You are hereby reque	ested to	rent cemer	iting equipment		part of the Australia Control of the	@	
ing furnish cementer	and he	lper(s) to a	ssist owner or			@	
ontractor to do work	c as is li	isted. The	above work was				
one to satisfaction a	nd supe	ervision of	Owner agent or			TOTAL	
ontractor. I have rea	ad and u	understand	the "GENERAL"		and the second s		
ERMS AND COND	DITION	S" listed or	the reverse side.	SALES TAX (I	f Any)	Commence of the second	
	27 .19			TOTAL CHAR	GES		
RINTED NAME	Tar.	W 111	17	소 뭐 그 나는 말하셨어요? 보다			
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