

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

**ORIGINAL**

**RECEIVED**  
**FEB 25 2004**  
**KCC WICHITA**

Operator: License # 32457  
 Name: ABERCROMBIE ENERGY, LLC  
 Address: 150 N. MAIN, SUITE 801  
 City/State/Zip: WICHITA, KS 67202-1383  
 Purchaser: LINK ENERGY  
 Operator Contact Person: STEVE FRANKAMP  
 Phone: (316) 262-1841  
 Contractor: Name: MURFIN DRILLING CO., INC.  
 License: 30606  
 Wellsite Geologist: RICHARD S. DAVIS, JR.  
 Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     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. \_\_\_\_\_  

<u>01-06-04</u>	<u>01-17-04</u>	<u>02-05-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 109-20718-0000  
 County: LOGAN  
E/2 W/2 -SE Sec. 18 Twp. 12 S. R. 33  East  West  
1320 feet from (S) N (circle one) Line of Section  
1650 feet from (E) W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE (SE) NW SW  
 Lease Name: BOUZIDEN Well #: 2-18  
 Field Name: Janice South Ext.  
 Producing Formation: Lansing  
 Elevation: Ground: 3131' Kelly Bushing: 3142'  
 Total Depth: 4760' Plug Back Total Depth: 4709'  
 Amount of Surface Pipe Set and Cemented at 227 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set 1890 Feet  
 If Alternate II completion, cement circulated from 1890  
 feet depth to Surface w/ 265 sx cmt.

**Drilling Fluid Management Plan** *APR 11 11 38 AM '04*  
 (Data must be collected from the Reserve Pit)  
 Chloride content 32,000 ppm Fluid volume 880 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 President of Date: 2/24/04  
Abercrombie RTD, Inc., Manager  
 Subscribed and sworn to before me this 24th day of February,  
 2004.  
 Notary Public: Deborah K. Ammerman  
 Date Commission Expires: 3-1-2008

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution



X

Operator Name: ABERCROMBIE ENERGY, LLC Lease Name: BOUZIDEN Well #: 2-18  
 Sec. 18 Twp. 12 S. R. 33  East  West County: LOGAN

**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)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 See Attached

List All E. Logs Run:  
 Dual Compensated Porosity Log  
 Borehole Compensated Sonic Log  
 Microresistivity Log  
 Dual Induction Log

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> 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" New	24#	227'	Common	150	3% cc 2% gel
Production	7 7/8"	4 1/2" Used	10.5#	4741'	AA-Z	200	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
4	4618 - 4622'	Acidized w/1500 gal. 15% NEFE	
4	Set bridge plug @ 4300' 4220 - 4226'	Re-Acidized w/3000 gal. 15% gelled acid	
		Acidized w/1500 gal. 15% NEFE	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
02-11-2004	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	65	None	0	N/A	

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

# ALLIED CEMENTING CO., INC. 13776

ORIGINAL

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

SERVICE POINT: OAKLEY

DATE <u>1-6-04</u>	SEC <u>18</u>	TWP. <u>12S</u>	RANGE <u>35W</u>	CALLED OUT	ON LOCATION <u>3:30 PM</u>	JOB START <u>4:45 PM</u>	JOB FINISH <u>5:15 PM</u>
BOUZIOWEN LEASE	WELL # <u>2-18</u>	LOCATION <u>MONUMENT 6 1/2 S - WINTO</u>			COUNTY <u>LOGAN</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR MURFIN DRILL RIG # 20

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 228'

CASING SIZE 8 7/8" DEPTH 227'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 13 1/2 ABL.

OWNER SAME

CEMENT AMOUNT ORDERED 150 SKS COM 3% CC 22.6 BL

COMMON	<u>150 SKS</u>	@	<u>8 35</u>	<u>1252.50</u>
POZMIX		@		
GEL	<u>3 SKS</u>	@	<u>10 00</u>	<u>30.00</u>
CHLORIDE	<u>5 SKS</u>	@	<u>30 00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>150 SKS</u>	@	<u>1 15</u>	<u>172.50</u>
MILEAGE	<u>05¢ PER SK / MILE</u>			<u>125.00</u>
<b>RECEIVED</b>				
MINIMUM CHARGE				
				TOTAL <u>1730.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

# 300 HELPER WAYNE

BULK TRUCK DRIVER MIKE

# 212

BULK TRUCK DRIVER \_\_\_\_\_

# \_\_\_\_\_

FEB 25 2004

REMARKS:

KCC WICHITA SERVICE

CEMENT IN CELLAR ✓

DEPTH OF JOB	<u>227'</u>		
PUMP TRUCK CHARGE			<u>520.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>15</u>	@	<u>3.50</u>
PLUG	<u>8 5/8 SURFACE</u>	@	<u>45.00</u>
		@	
		@	
TOTAL <u>617.50</u>			

THANK YOU

CHARGE TO: ABERCROMBIE ENERGY, LLC.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

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 Rodney Farr

Rodney Farr  
PRINTED NAME

# ALLIED CEMENTING CO., INC. 13572

## ORIGINAL

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

SERVICE POINT

Oakley

DATE <u>1-26-04</u>	SEC <u>18</u>	TWP. <u>12s</u>	RANGE <u>35w</u>	CALLED OUT	ON LOCATION <u>8:50 AM</u>	JOB START <u>11:40 AM</u>	JOB FINISH <u>1:30 PM</u>
LEASE <u>Bouzidey</u>	WELL # <u>2-18</u>	LOCATION <u>Monument 6 1/2 S W 1/2</u>			COUNTY <u>Logan</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Cheyenne Well Service OWNER Same

TYPE OF JOB Port Collar

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE 2 3/8 4 1/2 DEPTH \_\_\_\_\_

TUBING SIZE 2 3/8 DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL Port Collar DEPTH 1890'

PRES. MAX 1000' MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT 6 3/4 Bbls

CEMENT

AMOUNT ORDERED

300 sks ALHD 1/4" Flo Seal

Used - 255 sks

COMMON <u>255 sks</u>	@ <u>12.80</u>	<u>3264.00</u>
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE _____	@ _____	_____
<u>KCl 2 gals</u>	@ <u>22.90</u>	<u>45.80</u>
<u>Flo Seal 75 #</u>	@ <u>1.40</u>	<u>105.00</u>
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>300 sks</u>	@ <u>1.15</u>	<u>345.00</u>
MILEAGE <u>54 SK/mile</u>		<u>225.00</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Dean

# 373-281 HELPER Ruzzy

BULK TRUCK

# 361 DRIVER Lonnie

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

RECEIVED

TOTAL 3984.80

FEB 25 2004

**REMARKS:**

Pressure tool to 700' ok. open tool pump till blow. Mix 255 sks till cement circulated. & Disp 6 3/4 Bbls. Shut tool & pressure to 1000' ok reverse tub clean Ran 10 joints

KCC WICHITA SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 650.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 15 Miles @ 3.50 52.50

PLUG \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 702.50

with me sg.  
Dean Ruzick - Cementer  
Herald Acker

CHARGE TO: Abercrombie Energy LLC

STREET E Luberbrook

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE E L Murrumbi

PRINTED NAME \_\_\_\_\_





RECEIVED  
FEB 25 2004  
KGC WICHITA

ORIGINAL

TREATMENT REPORT

Customer ID		Date	
Customer <b>ABERCROMBIE</b>		1-17-04	
Lease <b>Bouziden</b>		Lease No.	Well # <b>2-18</b>
Field Order # <b>7474</b>	Station <b>LIBERAL</b>	Casing <b>4 1/2</b>	Depth <b>4749</b>
Type Job <b>4 1/2 Long String (New well)</b>		County <b>LOGAN</b>	State <b>KS</b>
Formation		Legal Description <b>28-125-33W</b>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>4 1/2</b>	Tubing Size	Shots/Ft		Acid <b>200 SH AA 2 Comm</b>		RATE	PRESS	ISIP
Depth <b>4749</b>	Depth	From	To	Pre Pad <b>25 SH 60/40 POZ</b>		Max		5 Min.
Volume <b>24</b>	Volume	From	To	Pad		Min		10 Min.
Max Press <b>1500</b>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection <b>P.C.</b>	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <b>WATER</b>		Gas Volume		Total Load

Customer Representative <b>Jeff Finnell</b>	Station Manager <b>Dirk Morris</b>	Treater <b>Shawn Frederick</b>
--	---------------------------------------	-----------------------------------

Service Units	<b>108</b>	<b>35</b>	<b>75</b>	<b>27</b>				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1230					ON LOCATION
1300					START Running CASING / F.S.
1400					TRUCKS ON LOCATION
1405					PRE-JOB SAFETY MEETING
1410					Rig up P.T.
1500					CASING ON BOTTOM / Hook up P.C.
1505					BREAK Cir with Rig
1605					Through Cir / Hook lines to P.T.
1612			8		Pump 25SH 60/40 POZ PLUG R/M
1622	300		5	4	Pump 5BBL WATER spacer
1624	300		12	4	Pump 500 gal Super Flush
1628	300		5	4	Pump 5BBL WATER spacer
1635	250		52	4	Pump 200 SH AA-2 @ 14.6#
1642					SHUT DOWN / Drop plug / clear lines
1646	φ		74	4	Pump Disp
1700	800			2	SLOW RATE
1704	1500			2	LAND plug
1705					Relax Float - 14.6#
1715					WASH lines to P.T
1730					JOB Complete

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

# ABERCROMBIE ENERGY, LLC

150 N. MAIN, SUITE 801  
WICHITA, KANSAS 67202  
(316)262-1841

# ORIGINAL

BOUZIDEN #2-18  
1320' FSL & 1650' FEL  
SECTION 18-12S-33W  
LOGAN COUNTY, KS

OPERATOR: Abercrombie Energy, LLC  
CONTRACTOR: Murfin Drilling Co.

RIG #:20  
JOB #:

Abercrombie Energy, LLC  
150 N. Main, Suite 801  
Wichita, KS 67202  
(316) 262-1841

RECEIVED  
FEB 25 2004  
KCC WICHITA

ELEVATION: 3131' GL  
3142' KB

API #15-109-20718-0000

Abercrombie #2-18 Bouziden  
1320' FSL & 1650' FEL 18-12S-33W

	SAMPLE TOPS		LOG TOPS	
Anhydrite	2609'	+533	2608'	+534
B. Anhydrite	2632'	+510	2630'	+512
Heebner	4017'	-875	4015'	-873
Toronto	4040'	-898	4037'	-895
Lansing	4057'	-915	4059'	-917
Muncie Creek	4206'	-1064	4208'	-1066
Stark	4292'	-1150	4290'	-1148
B/KC	4356'	-1214	4355'	-1213
Marmaton	4395'	-1253	4395'	-1253
Pawnee	4482'	-1340	4482'	-1340
Ft. Scott	4543'	-1401	4544'	-1402
Cherokee	4572'	-1430	4572'	-1430
Johnson Zone	4616'	-1474	4616'	-1474
Mississippian	4684'	-1542	4683'	-1541
Total Depth	4760'	-1618	4760'	-1618

# ABERCROMBIE ENERGY, LLC ORIGINAL

150 N. MAIN, SUITE 801  
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## BOUZIDEN #2-18

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ELEVATION: 3131' GL  
3142' KB

API #15-109-20718-0000

01-05-04 MIRU

Page 1

01-06-04 Preparing to spud.

01-07-04 555' - Drilling. Drilled 555' - 24 hrs. Spud @ 1:00 p.m. 01-06-04. Bit #1, 12 1/4" HTC GTC03, SN: 6008499, in @ 0', out @ 228'. Cut 228' - 2 1/4 hrs. Bit #1, 7 7/8" HTC HX20CJ, SN: 5043681, in @ 228'. Bit weight 20,000, 700# pump, rot 80, SPM 68. Daily Mud \$600.00, Accum. Mud \$600.00. Deviation - 1/2° @ 278'. Ran 8 5/8" surface casing set @ 227'. Cemented w/150 sks. Common, 3% cc, 2% gel. Plug down @ 5:00 p.m. 01-06-04. Job by Allied.

01-08-04 2380' - Drilling. Drilled 1825' - 24 hrs. Bit #1, 7 7/8" HTC HX20CJ, SN: 5043681, in @ 228'. Cut 2152'. Mud weight 9.1, Viscosity 28, Chlorides 33,000. Mud Cost \$655.00. Bit weight 30,000, 850# pump, rot 85, SPM 68.

01-09-04 3420' - Drilling. Drilled 1040' - 24 hrs. Bit #1, 7 7/8" HTC HX20CJ, SN: 5043681, in @ 228'. Cut 3192'. Mud weight 9.4, Viscosity 28, Chlorides 62,000. Mud Cost 2,495.00. Bit weight 35,000, 1050# pump, rot 80, SPM 66.

01-10-04 4050' - Drilling. Drilled 630' - 24 hrs. Bit #1, 7 7/8" HTC HX20CJ, SN: 5043681, in @ 228'. Cut 3822'. Mud weight 9.1, Viscosity 48, Water Loss 7.2, Chlorides 3,700. Mud Cost \$4,600.00. Bit weight 38,000, 1050 # pump, rot 80, SPM 66.

DST#1 4025' - 4075' (Toronto-Lansing A)

30-60-60-90

3 1/2" - 5" Blow

Recovered: 128' mc wtr. (60% water)

242' water (chlorides - 29,500 ppm)

(system - 3700 ppm)

ISIP: 1213# IFF: 19-104#

FSIP: 1202# FFP: 110-189#

01-11-04 4120' - TOH for DST #2. Drilled 70' - 24 hrs. Bit #1, 7 7/8" HTC HX20CJ, SN: 5043681, in @ 228'. Cut 3892'. Mud weight 9.1, Viscosity 47, Water loss 7.2, Chlorides 4,400. Mud Cost \$4,775.00. Bit weight 38,000, 1050# pump, rot 80, SPM 66. Deviation - 3/4° @ 4075'.

DST#2 4076' - 4120' (Lansing C & D Zones)

30-30-30-30

Weak blow 12 min. & died

Recovered: 30' Mud

ISIP: 1162# IFF: 15-28#

FSIP: 1155# FFP: 30-41#

DST#3 4124' - 4140' (Lansing E Zone)

30-30-30-30

Weak blow 10 min. & died

Recovered: 2' Free Oil

3' OCM (20% oil, 80% mud)

ISIP: 738# IFF: 10-11#

FSIP: 715# FFP: 12-13#

BHT: 113°



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1320' FSL & 1650' FEL  
SECTION 18-12S-33W  
LOGAN COUNTY, KS

OPERATOR: Abercrombie Energy, LLC  
CONTRACTOR: Murfin Drilling Co.

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KCC WICHITA

RIG #:20

JOB #:

Abercrombie Energy, LLC  
150 N. Main, Suite 801  
Wichita, KS 67202  
(316) 262-1841

ELEVATION: 3131' GL  
3142' KB

API #15-109-20718-0000

01-12-04 4142' - Drilling. Drilled 22' - 24 hrs. Bit #1, 7 7/8" HTC HX20CJ, SN: 5043681, in @ 228'. Cut 3914' - 24 hrs. Mud weight 9.0, Viscosity 53, Water loss 8.8, Chlorides 5,000. Mud Cost \$4,815.00. Bit weight 38,000, 1050# pump, rot 80, SPM 66. Page 2

01-13-04 4265' - DST #5. Drilled 123' - 24 hrs. Bit #1, 7 7/8" HTC HX20CJ, SN: 5043681, in @ 228'. Cut 4037'. Mud weight 9.1, Viscosity 51, Water loss 9.6, Chlorides 4,800. Mud Cost \$4,815.00. Bit weight 38,000, 1050# pump, rot 80, SPM 65. Coming out of the hole to test I zone.

DST#4 4204' - 4235' (Lansing H Zone)

30-60-60-90

4" to 10" blow

Recovered: 225' gas in pipe

75' slight gassy oil (10% gas, 90% oil)

180' clean gassy oil (25% gas, 75% oil)

120' oil cut gassy mud (25% gas, 25% oil, 50% mud)

ISIP: 1279#

IFP: 15-98#

FSIP: 1262#

FFP: 105-161#

BHT: 123°

DST#5 4237 - 4265' (Lansing 'I' Zone)

30-60-60-90

Strong blow (off bottom in 4 min.)

Recovered: 465' GIP

20' clean gassy oil (37° gravity)

60' heavy oil cut gassy water (25% gas, 40% oil, 35% wtr.)

180' - mud cut gassy water (25% gas, 20% mud, 55% wtr., tr/oil)

180' - slightly mud cut gassy water (20% gas, 10% mud, 70% wtr.)

1080' - gassy water (15% gas, 85% wtr.) (Chlorides 39,000 ppm)

ISIP: 1231#

IFP: 64-391#

FSIP: 1223#

FFP: 385-721#

BHT: 125°

01-14-04 4283' - Testing. Drilled 18' - 24 hrs. Bit #1, HTC HX20CJ, SN: 5043681, in @ 228'. Cut 4055'. Mud weight 9.2, Viscosity 60, Water loss 8.8, Chlorides 6,000. Mud Cost \$,930.00. Bit weight 38,000, 1050# pump, rot 80, SPM 66.

DST#6 4265' - 4283' (Lansing 'J' Zone)

30-60-60-90

Blow off bottom of bucket in 15 min.

Recovered: 405' GIP

45' clean gassy oil (39° gravity) (20% gas, 80% oil)

90' mud cut gassy water, tr/oil (15% gas, 20% mud, 65% wtr.)

660' slight gassy wtr. (10% gas, 90% water) (Chlorides 36,000 ppm)

ISIP: 1119#

IFP: 60-222#

FSIP: 1114#

FFP: 226-416#

BHT: 124°

# ABERCROMBIE ENERGY, LLC.

# ORIGINAL

150 N. MAIN, SUITE 801  
WICHITA, KANSAS 67202  
(316)262-1841

BOUZIDEN #2-18  
1320' FSL & 1650' FEL  
SECTION 18-12S-33W  
LOGAN COUNTY, KS

OPERATOR: Abercrombie Energy, LLC  
CONTRACTOR: Murfin Drilling Co.

RECEIVED

RIG #:20

FEB 25 2004

JOB #:

KCC WICHITA

Abercrombie Energy, LLC  
150 N. Main, Suite 801  
Wichita, KS 67202  
(316) 262-1841

ELEVATION: 3131' GL  
3142' KB

API #15-109-20718-0000

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- 01-15-04 4530' - Drilling. Drilled 247' - 24 hrs. Bit #1, 7 7/8" HTC HX20CJ, SN: 5043681, in @ 228'. Cut 4302'. Mud weight 9.1, Viscosity 53, Water loss 10.0, Chlorides 4,700. Mud Cost \$5,750.00. Bit weight 40,000, 1050# pump, rot 80, SPM 65.
- 01-16-04 4666' - Testing. Drilled 136' - 24 hrs. Bit #1, 7 7/8" HTC HX20CJ, SN: 5043681, in @ 228'. Cut 4438'. Mud weight 9.1, Viscosity 50, Water loss 8.8, Chlorides 5,000. Mud Cost \$6,120.00. Bit weight 40,000, 1050# pump, rot 80, SPM 65. Deviation - 1/2° @ 4660'.  
DST#7 4612' - 4666' (Johnson Zone)  
30-60-60-90  
7 1/2" 1<sup>st</sup> open/no blow back  
9" 2<sup>nd</sup> open/1 1/2" blow back  
Recovered: 290' GIP  
160' CGO (15% gas, 85% oil - Gravity 27°)  
30' SMCO (20% mud, 65% oil, 15% gas)  
ISIP: 1029# IFP: 22-43#  
FSIP: 930# FFP: 54-82#  
Temperature - 123°
- 01-17-04 4760' - RTD - Logging. Drilled 100' - 24 hrs. Bit #1, HTC HX20CJ, SN: 5043681, in @ 228'. Cut 4532' - 109 1/4 hrs. Mud weight 9.2, Viscosity 49, Water loss 8.8, Chlorides 5,000. Mud Cost \$6,120.00. Bit weight 40,000, 1050# pump, rot 75, SPM 66. Ran 113 jts. 4 1/2" 10.5# used casing, set @ 4741'. Cemented w/200 sks. AA-Z. Port collar @ 1891'. Plug down @ 5:05 p.m. 01-17-04. Rig released @ 9:00 p.m. 01-17-04.