

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

8/15/09

Operator: License # 32457
Name: Abercrombie Energy, LLC
Address: 150 N. Main, Suite 801
City/State/Zip: Wichita, KS 67220
Purchaser: NCRA
Operator Contact Person: Don Beauchamp
Phone: (316) 262-1841
Contractor: Name: VAL Energy, Inc. Rig #4
License: 5822
Wellsite Geologist: Monica M. Turner

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW **CONFIDENTIAL**
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: **KCC**
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. _____

7/05/2008 7/15/2008 7/24/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 135-24820-0000
County: Ness
approx. N/2 N/2 NW Sec. 24 Twp. 19 S. R. 26 East West
330' feet from S N (circle one) Line of Section
1340' feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Vogel Well #: 2-24
Field Name: WCV
Producing Formation: Mississippian
Elevation: Ground: 2614' Kelly Bushing: 2619'
Total Depth: 4602' Plug Back Total Depth: 4602'
Amount of Surface Pipe Set and Cemented at 260' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1884' Feet
If Alternate II completion, cement circulated from 1884'
feet depth to surface w/ 200 sks _____ sx cmt.

Drilling Fluid Management Plan Alt II NH 10-808
(Data must be collected from the Reserve Pit)
Chloride content 25,000 ppm Fluid volume 800 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: August 15, 2008
Subscribed and sworn to before me this 15th day of August,
20 08.

Notary Public: Brenda K. Fox
DATE COMMISSION EXPIRES: 9/02/09
BRENDA K. FOX
Notary Public - State of Kansas
My Appt. Expires 9/02/09

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received **RECEIVED**
 Geologist Report Received **KANSAS CORPORATION COMMISSION**
 UIC Distribution **AUG 18 2008**
CONSERVATION DIVISION
WICHITA, KS

ORIGINAL
WELL # 2-24

Operator Name: Abercrombie Energy, LLC Lease Name: Vogel

Sec. 24 Twp. 19 S. R. 26 East West County: Ness

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:

Log Formation (Top), Depth and Datum Sample

Name Top Datum

See Attached Drilling Report

Dual Induction, Dual Compensated Porosity, Microresistivity, and Borehole Compensated Sonic

CASING RECORD <input checked="" type="checkbox"/> New <input 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 Casing	12 1/4"	8 5/8"	23#	260'	common	180	2% gel, 3%cc
Production	7 7/8"	5 1/2"	15 1/2 #	4595'	EA-2	175 sks	
DV tool	7 7/8"			1884'	SMD	200 sks	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
..... Perforate				
..... Protect Casing				
..... Plug Back TD				
..... 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
	Open hole (4595'-4602')	250 gal 15% MCA	

TUBING RECORD	Size Set At Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8" 4596"	

Date of First, Resumerd Production, SWD or Enhr. 7/28/2008 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>58</u>	Gas Mcf <u>115</u>	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, Submit ACC-18.) Other (Specify)

JOB LOG

SWIFT Services, Inc.

DATE 7-15-08 PAGE NO.

CUSTOMER **ARCO/COMBITE ENERGY** WELL NO. **2-24** LEASE **VOGEL** JOB TYPE **5 1/2" 2-STAGE LOGSTRETCH** TICKET NO. **14569**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2200							ON LOCATION
	2300							START 5 1/2" CASING IN WELL
								TD-4602 SET = 4595
								TP-4595 5 1/2" / FT 15.5
								ST-40.30
								CENTRAL LINES - 2, 3, 4, 7, 10, 13, 16, 19, 66, 69, 72, 77
								CMT BSKS - 6, 67, 83
								DV TOOL = 1883 TOP JT # 67
								CONFIDENTIAL
								AUG 15 2008
	0105				✓		800	DROP BALL - CALCULATE - SET BASKET SHOE
	0210	6	KOC 12		✓		500	PUMP 500 GAL MUD FLUSH
	0212	6	20		✓		500	PUMP 20 BBL KCL - FLUSH
	0220	4	42		✓		300	MAX 175 SKS EA-2 = 15.5 PPG
	0233							WASH OUT PUMP - LINES
	0234							RELEASE 1 ST STAGE CATCH DOWN PLUG
	0235	7	0		✓			DISPLACE PLUG
	0250	6 1/2	108.4				1500	PLUG DOWN - PSE UP CATCH IN PLUG
	0252						OK	RELEASE PSE - HELD
								WASH TRUCK
	0255							DROP DV OPENING PLUG
	0310				✓		1200	OPEN DV TOOL - CALCULATE 3 HRS
	0600	6	20		✓		350	PUMP 20 BBL KCL - FLUSH
	0605		4/2					PLUG RH - MH
	0615	6	111		✓		250	MAX CSMT 200 SKS SMA = 11.2 PPG
	0638							WASH OUT PUMP - LINES
	0639							RELEASE DV CLOSING PLUG
	0640	6	0		✓			DISPLACE PLUG
	0648	5	44.8				1500	PLUG DOWN - PSE UP CLOSE DV TOOL
	0650						OK	RELEASE PSE - HELD
								CALCULATED 30 SKS CSMT TO PRT
								WASH TRUCK
	0730							JOB COMPLETE

RECEIVED KANSAS CORPORATION COMMISSION

AUG 18 2008

CONSERVATION DIVISION WICHITA, KS

THANK YOU WAYNE, BRETT, ROB

ALLIED CEMENTING CO., LLC. 32935

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

SERVICE POINT:
Ness City

DATE <u>7-5-08</u>	SEC <u>24</u>	TWP. <u>19s</u>	RANGE <u>26w</u>	CALLED OUT <u>3:30</u>	ON LOCATION <u>6:30</u>	JOB START <u>9:30pm</u>	JOB FINISH <u>10:00pm</u>
LEASE <u>Vogel</u>		WELL # <u>2-24</u>		LOCATION <u>Beeler, 4/5, 2E, N/into</u>		COUNTY <u>NESS</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Val Rig #4

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 265 ft

CASING SIZE 8 5/8 DEPTH 265 ft

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX CONFIDENTIAL MINIMUM _____

MEAS. LINE AUG 15 2008 SHOE JOINT 15 ft

CEMENT LEFT IN CSG. 15 ft

PERFS. KCC

DISPLACEMENT Freshwater

OWNER Abercrombie

CEMENT

AMOUNT ORDERED 180sx 3%CC, 2%gel

EQUIPMENT

PUMP TRUCK CEMENTER Tyler

181 HELPER Joe

BULK TRUCK

342 DRIVER David

BULK TRUCK

_____ DRIVER _____

COMMON	<u>180</u>	@	<u>13.65</u>	<u>2457.00</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>2040</u>	<u>8160</u>
CHLORIDE	<u>6</u>	@	<u>57.15</u>	<u>342.90</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>190</u>	@	<u>2.10</u>	<u>399.00</u>
MILEAGE	<u>190</u>	@	<u>22</u>	<u>418.00</u>
TOTAL				<u>3698.50</u>

REMARKS:

Pipe on bottom, break circulation, pump 180sx 3%cc, 2%gel, shut down, release plug, displace with 16bbbls Freshwater, cement did circulate, shut in, Rig down.

SERVICE

DEPTH OF JOB	<u>265'</u>			
PUMP TRUCK CHARGE			<u>999.00</u>	
EXTRA FOOTAGE		@		
MILEAGE	<u>22</u>	@	<u>7.00</u> <u>154.00</u>	
MANIFOLD	<u>head Rent</u>	@	<u>111.00</u> <u>111.00</u>	
		@		
		@		
TOTAL				<u>1264.00</u>

CHARGE TO: Abercrombie

STREET _____

CITY _____ STATE _____ ZIP _____

Thank You

PLUG & FLOAT EQUIPMENT

<u>8 5/8 wooden plug</u>	@	<u>67.00</u>	<u>67.00</u>	
	@			
	@			
	@			
	@			
TOTAL				<u>67.00</u>

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 TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME x Tim Fabricius

SIGNATURE x Tim Fabricius

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

Abercrombie Energy, llc.

150 N. MAIN, SUITE 801

WICHITA, KANSAS 67202

(316)262-1841

VOGEL #2-24

330' FNL & 1340' FWL

Section 24-19S-26W

Ness County, KS

OPERATOR: Abercrombie Energy, LLC.

CONTRACTOR: Val Energy

RIG #:4

JOB #:

PTD: 4600'

Abercrombie Energy, LLC.

150 N. Main, Suite 801

Wichita, KS 67202

(316) 262-1841

ELEVATION: 2614' GL

2619' KB

API#15-135-24820-0000

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CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL

AUG 15 2008

KCC

07-02-08 MIRU - Shut down Thursday & Friday (July 3 & 4) for holiday.

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07-05-08 Finish RU and preparing to spud.

07-06-08 265' - Drilling plug. Drilled 265' - 24 hrs. Bit #1, 12 1/4" RR, in @ 0', out @ 265'. Cut 265' - 2 3/4 hrs. RPM 80-120, Weight 5-8,000. Drilling 2 3/4 hrs., trip 1/2 hr., circulate 1/4 hr., service 2 hrs., rig repairs 6 3/4 hrs., RU & run casing 3/4 hr., cementing 3/4 hr., WOC 8 hrs., drill cement & plug 1 hr., drill rat and mousehole 1 1/4 hrs. Ran 6 jts. new 8 5/8" casing, tally 252', set @ 260'. Cemented w/180 sks. Common, 3% cc, 2% gel. Plug down @ 10:00 p.m. 07-05-08. Cement did circulate. Job by Allied. Spud @ 3:00 p.m. 07-05-08. Deviation - 1/2° @ 265'.

07-07-08 1676' - Drilling. Drilled 1411' - 24 hrs. Bit #2, 7 7/8" JZ 527Y, in @ 265'. Cut 1411' - 16 1/2 hrs. Mud weight 8.5, Viscosity 38, pH 7.0, Chlorides 2,500, Calcium HVY, tr/sand, Solids 2.0%, SPM 56, Pump 800#, RPM 80-120, Weight 35,000. Daily Mud \$767.50, Accum. Mud \$767.50. Drilling 16 1/2 hrs., service 1 1/2 hrs., drill plug & cement 1 1/4 hrs., jet 3/4 hr., conn. 4 hrs.

07-08-08 2630' - Drilling. Drilled 954' - 24 hrs. Bit #2, 7 7/8" JZ 527Y, in @ 265'. Cut 2365' - 34 hrs. Mud weight 9.0, Viscosity 28, pH 7.0, Chlorides 5,100, Calcium HVY, tr/sand, Solids 4.7%, SPM 56, Pump 800#, RPM 80-120, Weight 35,000. Drilling 17 1/2 hrs., service 3 hrs., jet 1 hr., conn. 2 1/2 hrs. Daily Mud \$806.25, Accum. Mud \$1,573.75.

07-09-08 3260' - Drilling. Drilled 630' - 24 hrs. Bit #2, 7 7/8" JZ 527Y, in @ 265'. Cut 2995' - 51 hrs. Mud weight 9.7, Viscosity 30, tr/LCM, pH 7.0, Chlorides 81,000, Calcium HVY, tr/sand, Solids 5.2%, SPM 56, Pump 800, RPM 80-120, Weight 35,000. Drilling 17 hrs., trip 1 hr., service 1 hr., rig repairs 2 3/4 hrs., jet 3/4 hr., conn. 1 1/2 hrs.

07-10-08 3885' - Drilling. Drilled 625' - 24 hrs. Bit #2, 7 7/8" JZ 527Y, in @ 265'. Cut 3620' - 70 1/4 hrs. Mud weight 9.6, Viscosity 33, tr/LCM, pH 7.0, Chlorides 67,000, Calcium HVY, tr/sand, Solids 5.4%, SPM 56, Pump 800#, RPM 80-120, Weight 35,000. Drilling 20 1/4 hrs., service 1 1/2 hrs., jet 3/4 hr., conn. 1 1/2 hrs.

07-11-08 4420' - Drilling. Drilled 535' - 24 hrs. Bit #2, 7 7/8" JZ 527Y, in @ 265'. Cut 4155' - 91 hrs. Mud weight 8.9, Viscosity 48, Water loss 8.8, LCM 1#, PV/YP 12/13, pH 10.5, Chlorides 3,800, Calcium 20, tr/sand, Gels 8/34, cake 1, Solids 4.1%, SPM 56, Pump 800#, RPM 80-120, Weight 35,000. Drilling 20 3/4 hrs., service 3/4 hr., jet 1/2 hr., conn. 2 hrs. Daily Mud \$791.30, Accum. Mud \$7,675.20.

07-12-08 4576' - Testing. Drilled 156' - 24 hrs. Bit #2, 7 7/8" JZ 527Y, in @ 265'. Cut 4311' - 100 3/4 hrs. Mud weight 9.2, Viscosity 48, Water loss 11.2, tr/LCM, pH 10.5, Chlorides 4,000, Calcium 40, tr/sand, PV/YP 10/13, Gels 27/55, Cake 1, Solids 6.2%, RPM 80-120, Weight 35,000. Drilling 12 1/4 hrs., trip 6 1/2 hrs., circ. 3 1/4 hrs., service 1/2 hr., survey 1/4 hr., jet 1/2 hr., conn 3/4 hr. Daily Mud \$1,924.00, Accum. Mud \$9,599.20.

Abercrombie Energy, LLC

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

VOGEL #2-24

330' FNL & 1340' FWL
Section 24-19S-26W
Ness County, KS

OPERATOR: Abercrombie Energy, LLC.
CONTRACTOR: Val Energy
RIG #:4
JOB #:
PTD: 4600'

Abercrombie Energy, LLC

150 N. Main, Suite 801
Wichita, KS 67202

ELEVATION: 2614' GL
2619' KB

(316) 262-1841

KCC

API#15-135-24820-0000

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07-12-08 DST #1 4569' - 4576' (Mississippian)
Cont'd. Mis-run - packer failure

Page 2

DST#2 4522' - 4576' (Mississippian)
Mis-run - packer failure

07-13-08 4576' - Testing. Bit #2, 7 7/8" JZ 527Y, in @ 265. Cut 4311' - 100 3/4 hrs. Mud weight 9.3, Viscosity 54, Water loss 9.2, LCM 2#, pH 10.5, Chlorides 3,500, Calcium 40, tr/sand, PV/YP 17/12, Gels 6/15, Cake 1, Solids 7.0%, SPM 56, Pump 800, RPM 80-120, Weight 35,000. Trip 13 hrs., service 2 1/2 hrs., PU test tools 3/4 hr., tool 2 3/4 hrs., testing 3 1/4 hrs., mix mud 1 3/4 hrs. Daily Mud \$520.70, Accum. Mud \$10,119.90

DST #3 4495' - 4576' (Mississippian)
30-60-45-60

1 1/2" blow initial open. No blow on 2nd open.
Recovered: 3' oil and 120' OCM (10% oil)
IFP: 19-43# ISIP: 1187#
FFP: 47-71# FSIP: 1173#

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CONSERVATION DIVISION
WICHITA, KS

DST #4 4573' - 4582' (Mississippian)
30-60-90-90

3" blow on initial opening. 8 1/2" blow on second opening.
Recovered: 134' GIP and 172' Total Fluid consisting of 52' clean oil and 120' muddy water (70% wtr., 30% mud). Chlorides of wtr. 9,000 ppm. Mud system 4,000 ppm.
IFP: 20-51# ISIP: 1219#
FFP: 52-86# FSIP: 1220#

07-14-08 4582' - Testing. Drilled 6' - 24 hrs. Bit #2, 7 7/8" JZ 527Y, in @ 265'. Cut 4317' - 101 hrs. Mud weight 9.2, Viscosity 46, Water loss 9.4, LCM 1/2#, pH 11.0, Chlorides 4,000, Calcium 40, tr/sand, PV/YP 11/9, Gels 13/42, Cake 1, Solids 6.2%, SPM 56, Pump 800#, RPM 80-120, Weight 35,000. Drilling 1/4 hr., trip 9 1/4 hrs., circ. 3 1/4 hrs., service 1 3/4 hrs., surveys 1/4 hr., testing 5 hrs., tool 1 1/4 hrs., jet 1/2 hr., mix mud 2 1/2 hrs. Planning to cut an additional 6'. Daily Mud \$561.65, Accum. Mud \$10,681.55

DST #5 4586' - 4595' (Mississippian)
30-60-90-90

6" blow on initial opening.
Recovered: 290' GIP, 139' gassy mud cut oil (85% oil, 15% mud), 60' muddy water cut oil (55% oil, 40% mud, 5% wtr.) and 60' oil cut watery mud (50% mud, 40% water, 10% oil). Total fluid 259'. Chlorides of water 14,000 ppm.
IFP: 18-62# ISIP: 1251#
FFP: 64-111# FSIP: 1249#

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VOGEL #2-24

330' FNL & 1340' FWL
Section 24-19S-26W
Ness County, KS

OPERATOR: Abercrombie Energy, LLC.
CONTRACTOR: Val Energy
RIG #:4
JOB #:
PTD: 4600'

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KCC

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ELEVATION: 2614' GL
2619' KB

- 07-15-08 4595' - WO loggers. Drilled 23' - 11 hrs. Bit #2, 7 7/8" JZ 527Y, in @ 265', out @ 4595'. Cut 4330' - 101 1/4 hrs. Mud weight 9.1, Viscosity 47, Water loss 9.8, LCM 1/2#, pH 11.0, Chlorides 4,200, Calcium 40, tr/sand, PV/YP 12/9, Gels 3/16, Cake 1, Solids 5.5%. Drilling 1/2 hr., trip 8 hrs., circulate 3 hrs., service 2 1/2 hrs., test 5 hrs., tool 1 hr., WOO 1 1/4 hrs., WO loggers 2 3/4 hrs. Daily Mud \$617.35, Accum. Mud \$11,298.90. Pipe strap @ 4595' - 0.61' short to the board.
- 07-16-08 4595' - Cementing 5 1/2" casing. Bit #2, 7 7/8" JZ 527Y, in @ 265', out @ 4595'. Cut 4330' - 101 1/4 hrs. Mud weight 9.1, Viscosity 47, Water loss 9.8, LCM 1/2#, pH 11.0, Chlorides 4,200, Calcium 40, tr/sand, PV/YP 12/9, Gels 3/16, Cake 1, Solids 5.5%. Trip 3 hrs., circ. 5 hrs., service 1 hr., log 6 hrs., RU & run csg. 2 1/2 hrs., cementing 2 hrs., LDDP 4 1/2 hrs. Accum. Mud \$11,298.90. Ran 114 jts. new J-55 15 1/2# 5 1/2" casing, set 7' off bottom of LTD 4602'. Cemented w/175 sks. EA-2. DV tool set @ 1884'. Pumped 200 sks. SMD. Cement did circ. Plug down @ 6:48 a.m. 07-16-08. Job by Swift Services.

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WICHITA, KS

Abercrombie Energy, LLC

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

VOGEL #2-24
 330' FNL & 1340' FWL
 Section 24-19S-26W
 Ness County, KS

OPERATOR: Abercrombie Energy, LLC.
 CONTRACTOR: Val Energy
 RIG #:4
 JOB #:
 PTD: 4600'

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

ELEVATION: 2614' GL
 2619' KB

API#15-135-24820-0000

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STRUCTURAL COMPARISON

AUG 15 2008

Abercrombie #2-24 Vogel
 N/2 N/2 NW 24-19S-26

Abercrombie Ayers B
 Sec. 13-19S-26W

Abercrombie #1-24 Vogel
 Sec. 24-19S-26W

	SAMPLE TOPS		LOG TOPS		LOG DATUMS		LOG DATUMS	
Anhydrite	1882'	+737	1879'	+740	+737	+3'	+748	-8'
B/Anhydrite	1920'	+699	1919'	+700	+699	+1'	+708	-8'
Heebner	3923'	-1304	3927'	-1308	-1310	+2'	-1306	-2'
Lansing	3962'	-1343	3968'	-1349	-1349	Flat	-1347	-2'
Stark	4224'	-1605	4226'	-1607	-1611	+4'	-1603	-4'
B/KC	4301'	-1682	4304'	-1685	-1687	+2'	-1680	-5'
Marmaton	4336'	-1717	4343'	-1724	-1725	+1'	-1720	-4'
Pawnee	4420'	-1801	4426'	-1807	-1810	+3'	-1803	-4'
Ft. Scott	4478'	-1859	4482'	-1863	-1872	+9'	-1860	-3'
Cherokee-Shale	4500'	-1881	4504'	-1885	-1894	+9'	-1882	-3'
B/Cher. Lime	4547'	-1928	4554'	-1935	-1944	+9'	-1931	-4'
Conglomerate	4563'	-1944	4570'	-1951	-1950	-1'	-1933	-18'
Mississippian	4569'	-1950	4578'	-1959	-1963	+4'	-1953	-6'
Porosity	4569'	-1950	4578'	-1959	-1973	+14'	-1972	+13'
Total Depth	4595'	-1976	4602'	-1983	-1983	Flat	-2062	

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