



WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., 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       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1053215

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input 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

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing     Pumping     Gas Lift     Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Abercrombie Energy, LLC
Well Name	Shepherd Trust 2-25
Doc ID	1053215

Tops

Name	Top	Datum
ANHYDRITE	1371	+685
B/ANHYDRITE	1399	+645
HEEBNER SH	3240	-1184
LANSING	3282	-1226
MUNICIE CREEK	3406	-1350
STARK SH	3468	-1412
BKC	3508	-1452
ARBUCKLE	3644	-1586

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



phone: 316-337-6200  
fax: 316-337-6211  
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

May 09, 2011

Gary Misak  
Abercrombie Energy, LLC  
10209 W. CENTRAL, STE 2  
WICHITA, KS 67212

Re: ACO1  
API 15-163-23941-00-00  
Shepherd Trust 2-25  
SW/4 Sec.25-10S-18W  
Rooks County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Gary Misak



CEMENTING CO., LLC  
Cementing & Acidizing Services  
PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887  
Fax: (785) 483-5566

*Post will file*

# INVOICE

Invoice Number: 126863  
Invoice Date: Apr 11, 2011  
Page: 1

RECEIVED  
APR 27 2011  
APR 25 '11  
GB

**Bill To:**  
Abercrombie Energy, LLC  
5510 Oil Center RD South  
Great Bend, KS 67530

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Aber	Shepard Trust #2-25	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-04	Russell	Apr 11, 2011	5/11/11

Quantity	Item	Description	Unit Price	Amount
81.00	MAT	Class A Common	16.25	1,316.25
54.00	MAT	Pozmix	8.50	459.00
7.00	MAT	Gel	21.25	148.75
33.00	MAT	Flo Seal	2.70	89.10
142.00	SER	Handling	2.25	319.50
30.00	SER	Mileage 142 sx @ .11 per sk per mi	15.62	468.60
1.00	SER	Port Collar - Top Stage	1,125.00	1,125.00
60.00	SER	Pump Truck Mileage	7.00	420.00
60.00	SER	Light Vehicle Mileage	4.00	240.00
1.00	CEMENTER	Bill Leikam		
1.00	CEMENTER	Heath Long		
1.00	OPER ASSIST	Tony Pfannenstiel		
1.00	OPER ASSIST	Nick Williams		

VENDOR NUMBER \_\_\_\_\_  
VOUCHER NUMBER \_\_\_\_\_  
VERIF OF RECEIPT \_\_\_\_\_  
CODE NUMBER 1352062  
SHEPTR  
CEMENT PORT COLLAR-22  
APPROVAL JA  
VERIFIED ACCURACY \_\_\_\_\_

Subtotal	4,586.20
Sales Tax	126.83
Total Invoice Amount	4,713.03
Payment/Credit Applied	
<b>TOTAL</b>	<b>4,713.03</b>

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 917.24

ONLY IF PAID ON OR BEFORE  
May 6, 2011

*\$3795.79*



PO BOX 31 Russell, KS 67665

APR 01 2011

RECEIVED  
APR 1 11  
GB

# INVOICE

Invoice Number: 126617

Invoice Date: Mar 22, 2011

Page: 1

Voice: (785) 483-3887  
Fax: (785) 483-5566

**Bill To:**

Abercrombie Energy, LLC  
5510 Oil Center RD South  
Great Bend, KS 67530

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Aber	Shepard Trust #2-25	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Mar 22, 2011	4/21/11

Quantity	Item	Description	Unit Price	Amount
170.00	MAT	Class A Common	16.25	2,762.50
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
179.00	SER	Handling	2.25	402.75
30.00	SER	Mileage 179 sx @.11 per sk per mi	19.69	590.70
1.00	SER	Surface	1,125.00	1,125.00
60.00	SER	Pump Truck Mileage	7.00	420.00
60.00	SER	Light Vehicle Mileage	4.00	240.00
1.00	CEMENTER	Glenn Ginther		
1.00	EQUIP OPER	Woody O'Neil		
1.00	OPER ASSIST	Mark Radke		
		VENDOR NUMBER	_____	
		VOUCHER NUMBER	_____	
		VERIF OF RECEIPT	_____	
		CODE NUMBER	AMOUNT	
		1352062	_____	
		SHEP TR	_____	
		CEMENT SURFACE - #2	_____	
		APPROVAL	_____	
		VERIFIED ACCURACY	_____	

Subtotal	5,953.90
Sales Tax	200.05
Total Invoice Amount	6,153.95
Payment/Credit Applied	
<b>TOTAL</b>	<b>6,153.95</b>

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1190.75

ONLY IF PAID ON OR BEFORE  
Apr 16, 2011

\$ 4,963.17

# ALLIED CEMENTING CO., LLC. 036446

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Russell KS

DATE <u>3-22-2011</u>	SEC. <u>25</u>	TWP. <u>10 S</u>	RANGE <u>18 W</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00 AM</u>	JOB FINISH <u>2:30 AM</u>
LEASE <u>Shepard Trust</u>	WELL # <u>2-25</u>	LOCATION <u>Hay's KS Hwy 183, 2 N of</u>			COUNTY <u>ROCK</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one) <u>NEW</u>		CO. LINE (CC RD) <u>1 E 1 STE INTO</u>					

CONTRACTOR SOUTHWIND DRUG. Rig #1 OWNER \_\_\_\_\_  
 TYPE OF JOB Cement Surface  
 HOLE SIZE 12 1/4 T.D. 282'  
 CASING SIZE 8 5/8 DEPTH 281'  
 TUBING SIZE Surface CSG. DEPTH \_\_\_\_\_  
 DRILL PIPE 23 # DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 300 # MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 16 3/4 BBL

CEMENT  
 AMOUNT ORDERED 170 SX Comm.  
3% CC  
2% GEL  
 COMMON 170 @ 16.25 2762.50  
 POZMIX @ \_\_\_\_\_  
 GEL 3 @ 21.25 63.75  
 CHLORIDE 6 @ 58.20 349.20  
 ASC @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 HANDLING 179 @ 2.25 402.75  
 MILEAGE 111.5/1 mile 590.70  
 TOTAL 4168.90

**EQUIPMENT**

PUMP TRUCK CEMENTER GLENN  
 # 398 HELPER WOODY  
 BULK TRUCK  
 # 410 DRIVER MARK  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Run 6175 new 2 3/4 CSG. Set @ 281' 3/4 BBL  
Cementing 170sx comm 2 + 3 Displace 16 3/4  
H<sub>2</sub>O, Shot in @ 300#.  
Cement Did Circulate  
THANKS

**SERVICE**

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1125.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 60 @ 7.00 420.00  
 MANIFOLD @ \_\_\_\_\_  
CVR 60 @ 4.00 240.00  
 @ \_\_\_\_\_  
 TOTAL 1785.00

CHARGE TO: ABERCROMBIE ENERGY LLC.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

@ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

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 Frank Rome  
 SIGNATURE Frank Rome

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

# ALLIED CEMENTING CO., LLC. 036457

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell KS

DATE <u>3-30-2011</u>	SEC. <u>25</u>	TWP. <u>10 S</u>	RANGE <u>18 W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30 AM</u>	JOB FINISH <u>8:00 AM</u>
LEASE <u>TRUST</u>	WELL # <u>2-25</u>	LOCATION <u>Hay's ks. T-70 E 117</u>			COUNTY <u>ROOKS</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>18 N 1/2 E 1/4 S 1/4 E INTO</u>			

CONTRACTOR SOUTHWIND DRILLING RIG #1 OWNER \_\_\_\_\_  
 TYPE OF JOB PRODUCTION STRINGER  
 HOLE SIZE 7 7/8 T.D. 3722 CEMENT \_\_\_\_\_  
 CASING SIZE 5 1/2 New DEPTH 3697' AMOUNT ORDERED 225 sx Com. 10% SALT  
 TUBING SIZE 15.50# DEPTH \_\_\_\_\_ 270 GEL  
 DRILL PIPE PORT COLLAR DEPTH 1385 500 GAL WFR-2 MOD FLUSH  
 TOOL LATCH Down Plug Assy DEPTH 3655  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_ COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 42.12 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 CEMENT LEFT IN CSG. 42.15 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 PERFS. \_\_\_\_\_ CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 DISPLACEMENT 87/BBL ASC \_\_\_\_\_ @ \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER GLENN \_\_\_\_\_ @ \_\_\_\_\_  
 # 398 HELPER WOODY \_\_\_\_\_ @ \_\_\_\_\_  
 BULK TRUCK \_\_\_\_\_ @ \_\_\_\_\_  
 # 398 DRIVER MARK \_\_\_\_\_ @ \_\_\_\_\_  
 BULK TRUCK \_\_\_\_\_ @ \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

REMARKS: \* PORT-COLLAR BOTWEEK  
JT'S 54 & 55.  
Set 5/8 CSG. @ Circulate 15 minutes  
at Bottom, Drop Tri-Plex Shoe Ball  
& open shoe 400' Circulate Another  
45 minutes. Cement w/ 145 SX Com  
10/salt 270 GEL Glegg-Liner Release  
Plug & Displace 87 BBL 4 1/2" LAND  
Plug @ 1500# Release Pressure Plug (H&D)  
30 sx @ 1000# THANK'S

**SERVICE**

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

CHARGE TO: ABERCROMBIE ENERGY LLC.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

Tri-Plex Shoe \_\_\_\_\_  
PORT COLLAR @ \_\_\_\_\_  
10-CENTRALIZERS @ \_\_\_\_\_  
2-BASKETS @ \_\_\_\_\_  
LATCH DOWN PLUG ASSY @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_

PRINTED NAME Gary Mink DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS \_\_\_\_\_

SIGNATURE Gary Mink

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.



# ALLIED CEMENTING CO., LLC. 036910

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

DATE <u>4-11-11</u>	SEC. <u>25</u>	TWP. <u>10</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>10:00AM</u>	JOB FINISH <u>10:30AM</u>
LEASE <u>Shepherd Trust</u>	WELL # <u>2-25</u>	LOCATION <u>P. Ville Stordette</u>				COUNTY <u>Rooks</u>	STATE <u>Ka</u>
OLD OR NEW (Circle one)							

CONTRACTOR <u>Express</u>	OWNER
TYPE OF JOB <u>Port collar Top Stage</u>	CEMENT
HOLE SIZE <u>7 7/8</u>	T.D.
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	COMMON
PERFS.	POZMIX
DISPLACEMENT	GEL
	CHLORIDE
	ASC

EQUIPMENT			
PUMP TRUCK	CEMENTER <u>Bull - Holtz</u>		
# <u>409</u>	HELPER <u>Tony</u>		
BULK TRUCK			
# <u>481</u>	DRIVER <u>Nick</u>		
BULK TRUCK			
#	DRIVER		
	HANDLING	<u>142</u>	@ <u>2.25</u> <u>319.50</u>
	MILEAGE	<u>111.5/5.5/mile</u>	@ <u>4.25</u> <u>468.60</u>
	TOTAL		<u>2801.20</u>

REMARKS:

BC c 1350 Test 1000\* OK  
open tool, Est. Circ  
Cement w/ 1350h, Close Tool  
press to 700\* OK Rgn Spts  
Wash Clean

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>1125.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>60</u> @ <u>7.00</u> <u>420.00</u>
MANIFOLD	@
<u>LUN</u>	<u>60</u> @ <u>4.00</u> <u>240.00</u>
TOTAL	<u>1785.00</u>

CHARGE TO: Abercrombie  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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 TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)	
TOTAL CHARGES	<u>[REDACTED]</u>
DISCOUNT	<u>[REDACTED]</u>
IF PAID IN 30 DAYS	

PRINTED NAME \_\_\_\_\_  
SIGNATURE Amy Mudd





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Abercrombie Energy, LLC

**Shepherd Trust #2-25**

10209W. Central  
Suite 2  
Wichita, KS. 67212  
ATTN: Larry Friend

**25-10s-18w-Rooks**

Job Ticket: 42833

**DST#: 1**

Test Start: 2011.03.26 @ 01:49:06

## GENERAL INFORMATION:

Formation: **Toronto-Lansing A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:19:06

Time Test Ended: 07:13:36

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 54

**Interval: 3241.00 ft (KB) To 3310.00 ft (KB) (TVD)**

Reference Elevations: 2056.00 ft (KB)

Total Depth: 3310.00 ft (KB) (TVD)

2046.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8673**

**Inside**

Press @ RunDepth: 35.63 psig @ 3307.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.26

End Date:

2011.03.26

Last Calib.:

2011.03.26

Start Time:

01:49:08

End Time:

07:13:36

Time On Btm:

2011.03.26 @ 04:18:51

Time Off Btm:

2011.03.26 @ 05:56:36

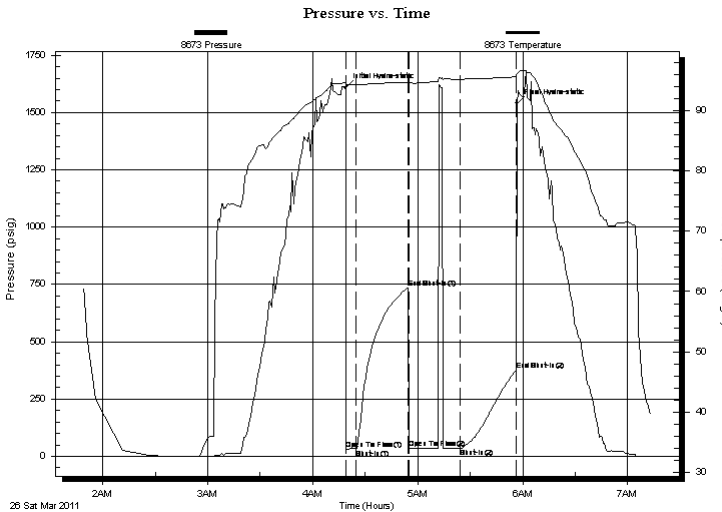
TEST COMMENT: IFP-w eak Blow ,Built to 3/4"

ISI-Dead

FFP-Dead, Flush Tool, Surge, then Dead

FSIDead

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1608.01	94.72	Initial Hydro-static
1	31.61	93.61	Open To Flow (1)
6	33.00	94.29	Shut-In(1)
36	735.15	94.79	End Shut-In(1)
37	33.33	94.53	Open To Flow (2)
66	35.63	95.27	Shut-In(2)
98	375.92	95.65	End Shut-In(2)
98	1540.29	96.15	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.14

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Abercrombie Energy, LLC

**Shepherd Trust #2-25**

10209W. Central  
Suite 2  
Wichita, KS. 67212  
ATTN: Larry Friend

**25-10s-18w-Rooks**

Job Ticket: 42833

**DST#: 1**

Test Start: 2011.03.26 @ 01:49:06

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 6.81 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 7600.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drilling Mud	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl

Num Fluid Samples: 0

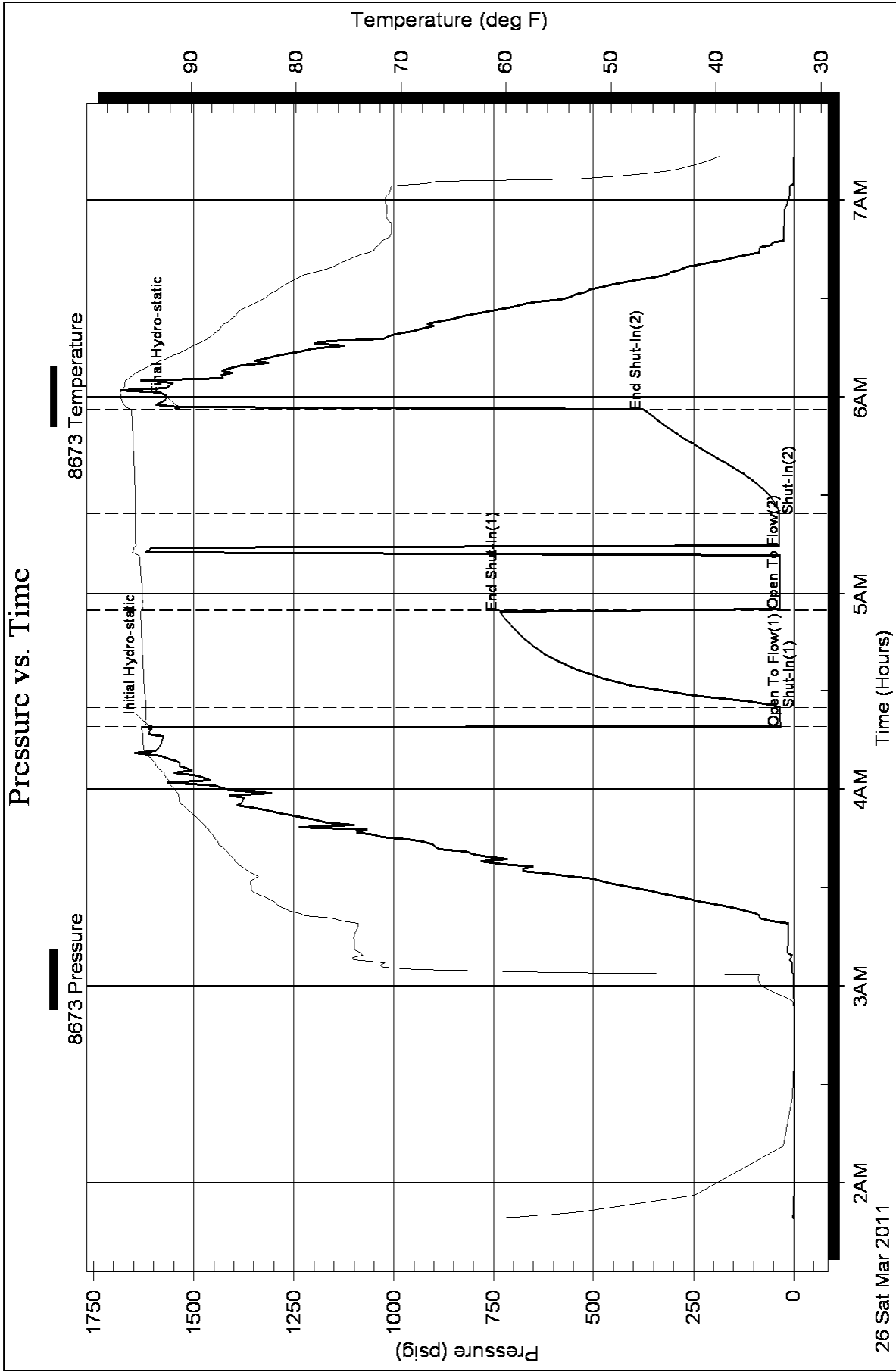
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Abercrombie Energy, LLC

**Shepherd Trust #2-25**

10209W. Central  
Suite 2  
Wichita, KS. 67212  
ATTN: Larry Friend

**25-10s-18w-Rooks**

Job Ticket: 42834

**DST#: 2**

Test Start: 2011.03.26 @ 15:45:37

## GENERAL INFORMATION:

Formation: **B-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:04:37

Time Test Ended: 19:46:07

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 54

**Interval: 3304.00 ft (KB) To 3355.00 ft (KB) (TVD)**

Reference Elevations: 2056.00 ft (KB)

Total Depth: 3355.00 ft (KB) (TVD)

2046.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8673**

**Inside**

Press @ Run Depth: 36.39 psig @ 3352.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.26

End Date: 2011.03.26

Last Calib.: 2011.03.26

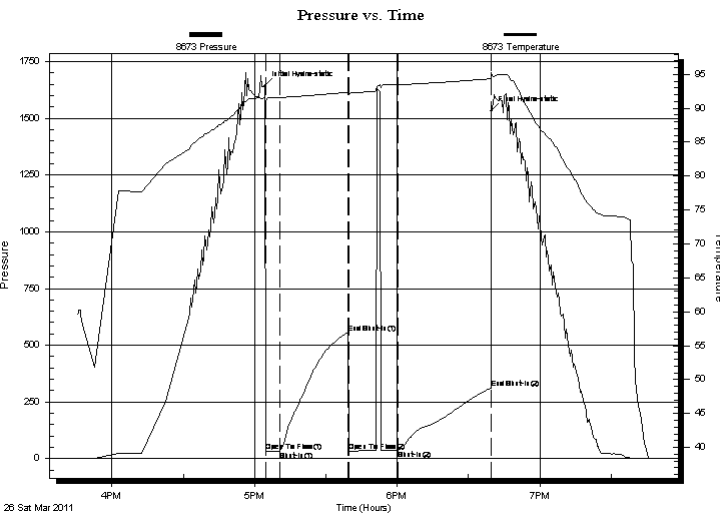
Start Time: 15:45:39

End Time: 19:46:07

Time On Btm: 2011.03.26 @ 17:04:22

Time Off Btm: 2011.03.26 @ 18:39:37

**TEST COMMENT:** IFP-Kick on Open, Weak Surface Blow at end of Period  
ISI-Dead  
FFP-Dead, Flush Tool, Surge, Then Dead  
FSI-Dead



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1643.37	91.51	Initial Hydro-static
1	31.85	90.91	Open To Flow (1)
7	34.01	91.60	Shut-In(1)
35	555.61	92.35	End Shut-In(1)
36	32.89	92.05	Open To Flow (2)
56	36.39	93.53	Shut-In(2)
95	310.66	94.35	End Shut-In(2)
96	1533.48	95.29	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.14

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Abercrombie Energy, LLC

**Shepherd Trust #2-25**

10209W. Central  
Suite 2  
Wichita, KS. 67212  
ATTN: Larry Friend

**25-10s-18w-Rooks**

Job Ticket: 42834

**DST#: 2**

Test Start: 2011.03.26 @ 15:45:37

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drilling Mud	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl

Num Fluid Samples: 0

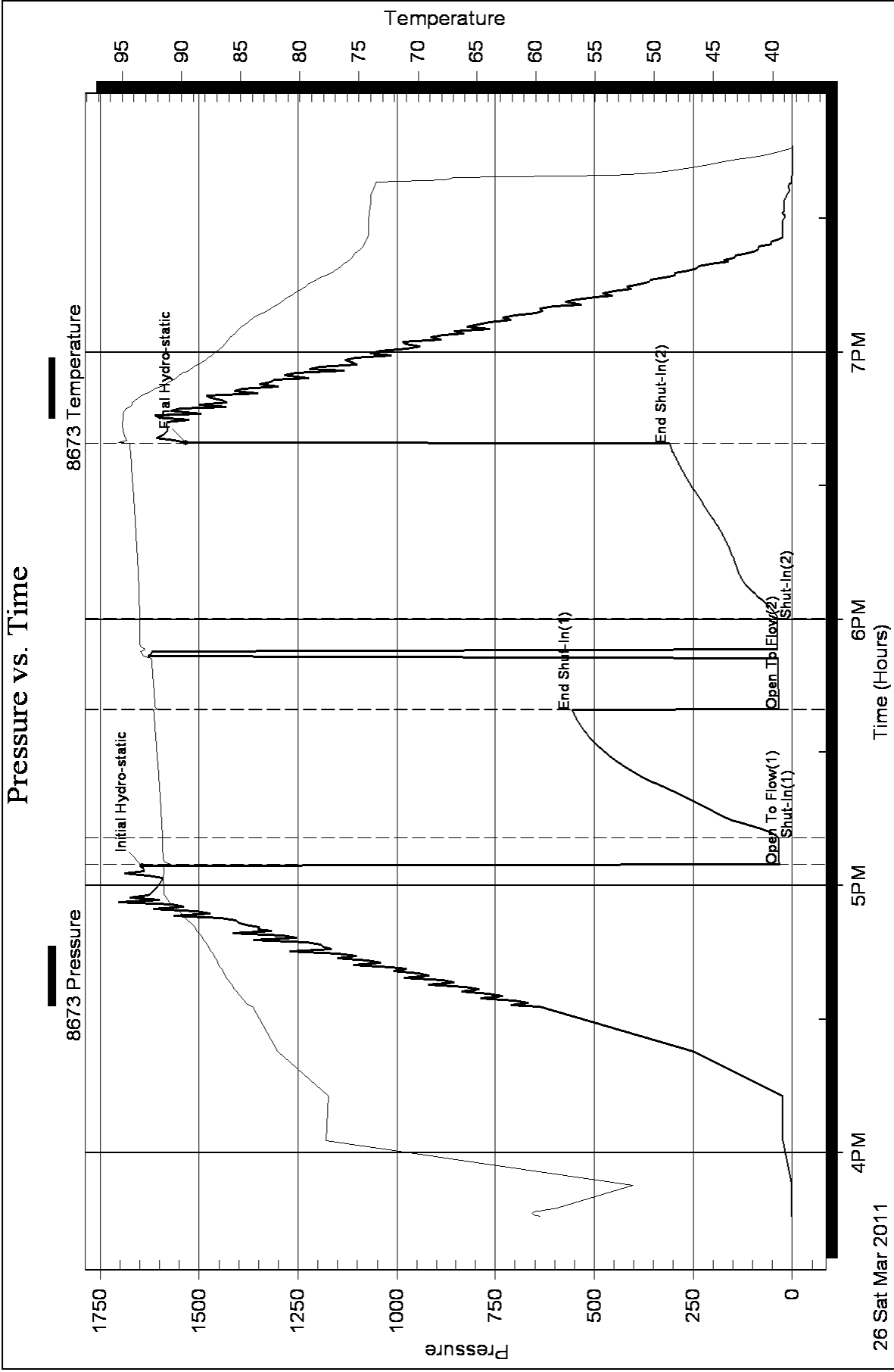
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Abercrombie Energy, LLC

**Shepherd Trust #2-25**

10209W. Central  
Suite 2  
Wichita, KS. 67212  
ATTN: Larry Friend

**25-10s-18w-Rooks**

Job Ticket: 42835

**DST#: 3**

Test Start: 2011.03.27 @ 02:30:09

## GENERAL INFORMATION:

Formation: **E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:05:24

Time Test Ended: 09:16:24

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 54

**Interval: 3351.00 ft (KB) To 3377.00 ft (KB) (TVD)**

Reference Elevations: 2056.00 ft (KB)

Total Depth: 3377.00 ft (KB) (TVD)

2046.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8673**

**Inside**

Press @ Run Depth: 32.14 psig @ 3354.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.27

End Date:

2011.03.27

Last Calib.:

2011.03.27

Start Time: 02:30:11

End Time:

09:16:24

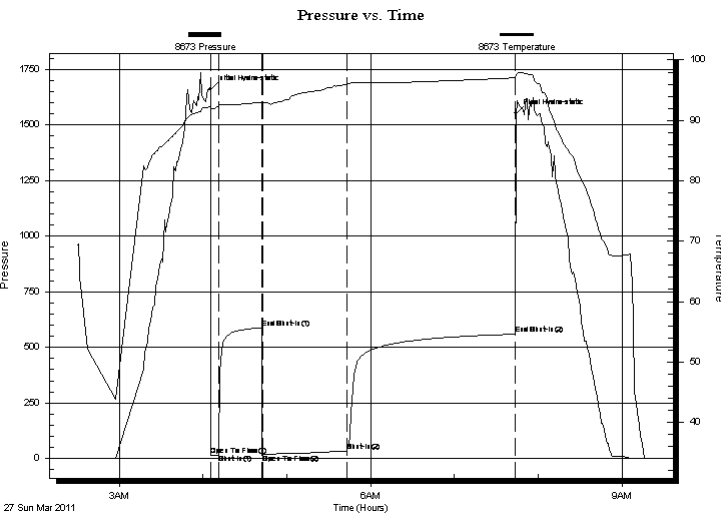
Time On Btm:

2011.03.27 @ 04:05:09

Time Off Btm:

2011.03.27 @ 07:43:54

**TEST COMMENT:** IFP-Weak Blow ,Built to 1/2"  
ISI-Dead  
FFP-Weak Blow ,Built to 2-1/2"  
FSI-Dead



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1659.71	92.21	Initial Hydro-static
1	14.11	91.57	Open To Flow (1)
6	16.92	92.44	Shut-In(1)
37	588.00	92.98	End Shut-In(1)
38	17.90	92.71	Open To Flow (2)
98	32.14	96.03	Shut-In(2)
219	559.70	97.06	End Shut-In(2)
219	1553.25	97.51	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCMW-5%O-45%W-50%M	0.07
10.00	Watery Mud-30%W-70%M	0.14

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Abercrombie Energy, LLC

**Shepherd Trust #2-25**

10209W. Central  
Suite 2  
Wichita, KS. 67212  
ATTN: Larry Friend

**25-10s-18w-Rooks**

Job Ticket: 42835

**DST#: 3**

Test Start: 2011.03.27 @ 02:30:09

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

55000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7600.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SOCMW-5%O-45%W-50%M	0.070
10.00	Watery Mud-30%W-70%M	0.140

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

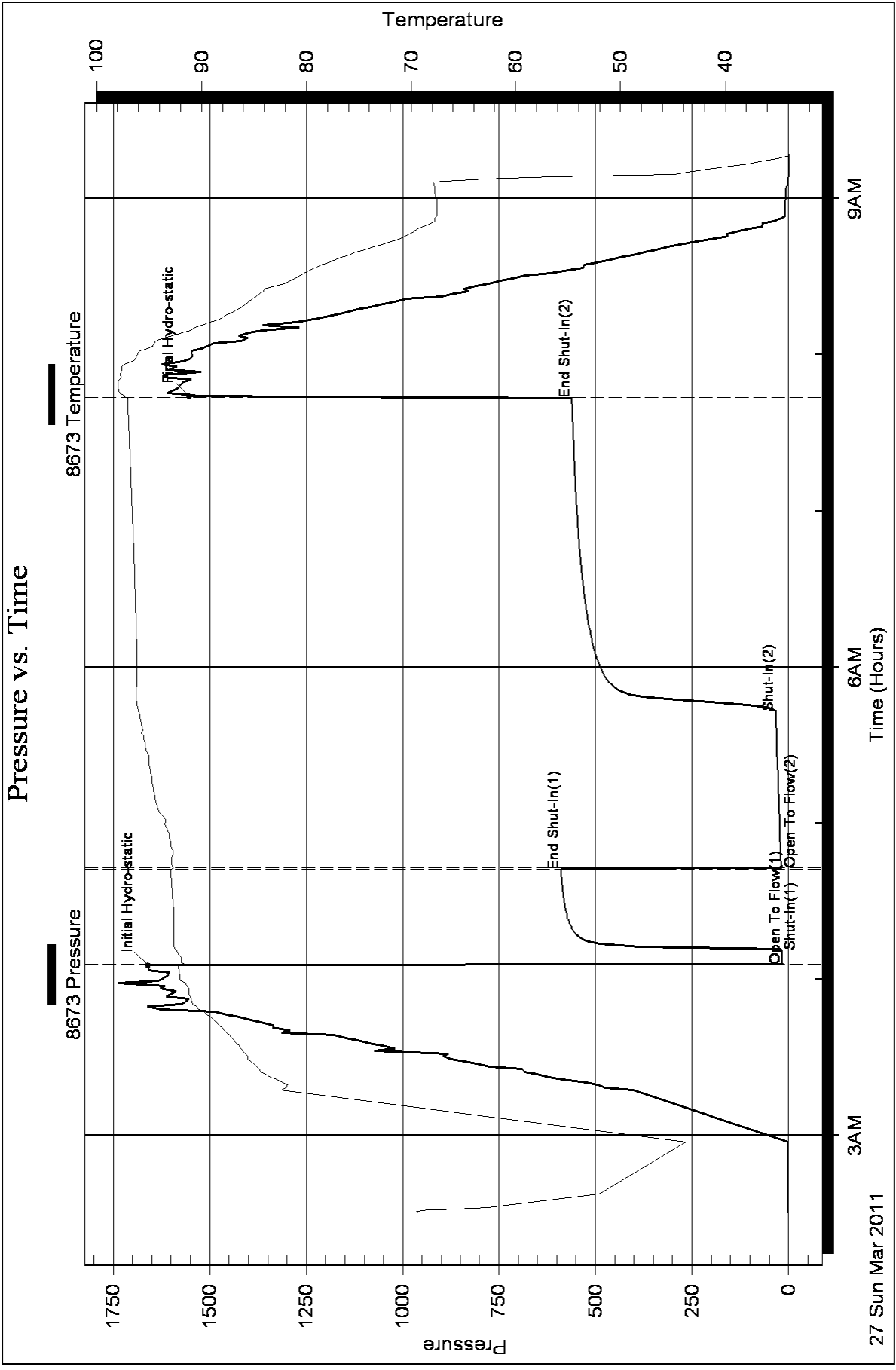
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Abercrombie Energy, LLC

**Shepherd Trust #2-25**

10209W. Central  
Suite 2  
Wichita, KS. 67212  
ATTN: Larry Friend

**25-10s-18w-Rooks**

Job Ticket: 42836

**DST#: 4**

Test Start: 2011.03.27 @ 19:47:34

## GENERAL INFORMATION:

Formation: **H-I-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:18:34

Time Test Ended: 02:32:19

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 54

**Interval: 3407.00 ft (KB) To 3470.00 ft (KB) (TVD)**

Reference Elevations: 2056.00 ft (KB)

Total Depth: 3470.00 ft (KB) (TVD)

2046.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8673**

**Inside**

Press @ Run Depth: 55.47 psig @ 3467.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.27

End Date:

2011.03.28

Last Calib.:

2011.03.28

Start Time:

19:47:36

End Time:

02:32:19

Time On Btm:

2011.03.27 @ 21:18:04

Time Off Btm:

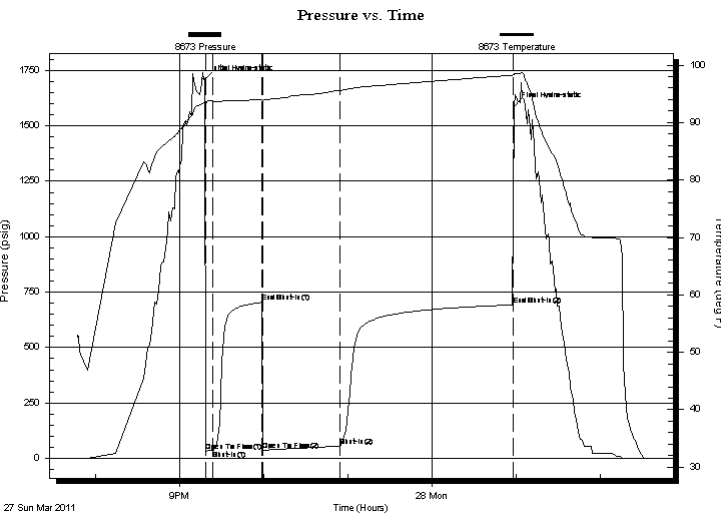
2011.03.28 @ 00:58:49

**TEST COMMENT:** IFP-Fair Blow ,Built to 1-3/4"

ISI-Dead

FFP-Good Blow ,BOB in 50 Min.

FSI-Dead



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.23	93.56	Initial Hydro-static
1	32.97	92.95	Open To Flow (1)
6	36.21	93.79	Shut-In(1)
41	703.84	94.06	End Shut-In(1)
42	37.33	93.87	Open To Flow (2)
97	55.47	95.61	Shut-In(2)
220	692.39	98.23	End Shut-In(2)
221	1588.41	98.39	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	Free Oil	0.03
63.00	Gassy HOCM-20%G-35%O-45%M	0.88
0.00	60' Gas In Pipe	0.00

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Abercrombie Energy, LLC

**Shepherd Trust #2-25**

10209W. Central  
Suite 2  
Wichita, KS. 67212  
ATTN: Larry Friend

**25-10s-18w-Rooks**

Job Ticket: 42836

**DST#: 4**

Test Start: 2011.03.27 @ 19:47:34

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7600.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
2.00	Free Oil	0.028
63.00	Gassy HOCM-20%G-35%O-45%M	0.884
0.00	60' Gas In Pipe	0.000

Total Length: 65.00 ft

Total Volume: 0.912 bbl

Num Fluid Samples: 0

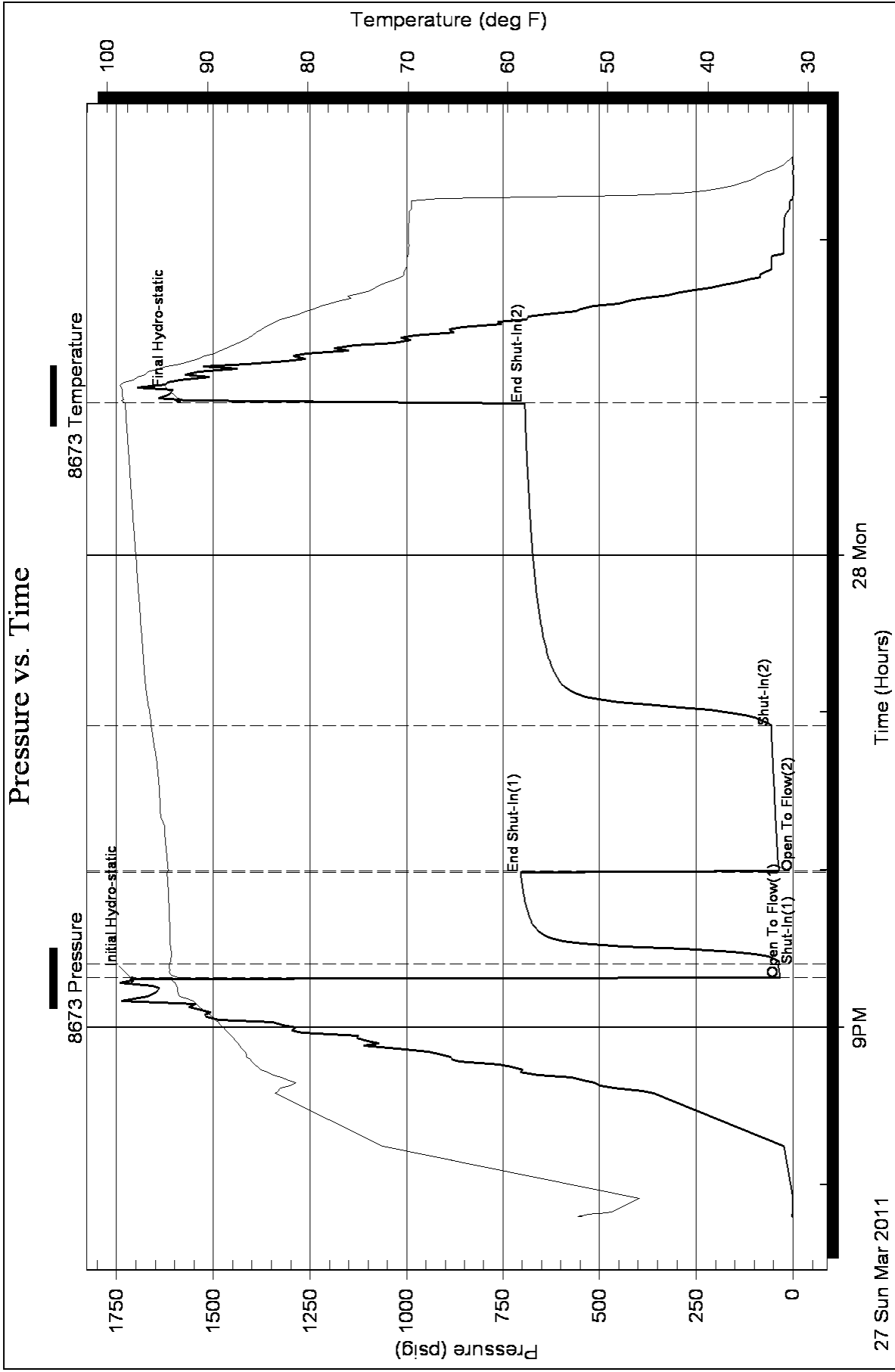
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Abercrombie Energy, LLC

**Shepherd Trust #2-25**

10209W. Central  
Suite 2  
Wichita, KS. 67212  
ATTN: Larry Friend

**25-10s-18w-Rooks**

Job Ticket: 42837

**DST#: 5**

Test Start: 2011.03.28 @ 08:16:41

## GENERAL INFORMATION:

Formation: **K**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:25:11  
 Time Test Ended: 15:29:26  
 Interval: **3468.00 ft (KB) To 3497.00 ft (KB) (TVD)**  
 Total Depth: 3497.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Jason McLemore  
 Unit No: 54  
 Reference Elevations: 2056.00 ft (KB)  
 2046.00 ft (CF)  
 KB to GR/CF: 10.00 ft

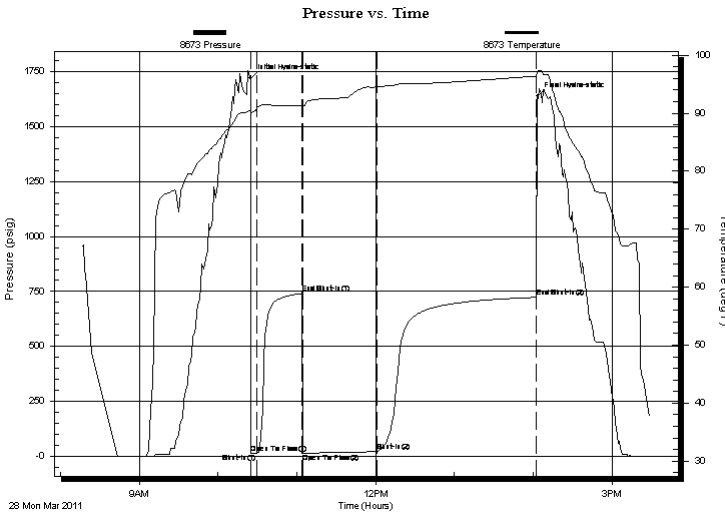
## Serial #: 8673

Inside

Press @ Run Depth: 21.75 psig @ 3494.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.03.28 End Date: 2011.03.28 Last Calib.: 2011.03.28  
 Start Time: 08:16:43 End Time: 15:29:26 Time On Btm: 2011.03.28 @ 10:24:41  
 Time Off Btm: 2011.03.28 @ 14:03:11

TEST COMMENT: IFP-Weak Blow ,Built to 1"  
 ISI-Dead  
 FFP-Weak Blow ,Built to 4-3/4"  
 FSI-Dead

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1719.16	90.41	Initial Hydro-static
1	14.09	89.67	Open To Flow (1)
5	12.56	90.91	Shut-In(1)
40	740.84	91.35	End Shut-In(1)
40	16.27	91.05	Open To Flow (2)
97	21.75	94.63	Shut-In(2)
218	723.72	96.40	End Shut-In(2)
219	1637.30	96.88	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Free Oil	0.14
5.00	Muddy Oil-80%O-20%M	0.07

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Abercrombie Energy, LLC

**Shepherd Trust #2-25**

10209W. Central  
Suite 2  
Wichita, KS. 67212  
ATTN: Larry Friend

**25-10s-18w-Rooks**

Job Ticket: 42837

**DST#: 5**

Test Start: 2011.03.28 @ 08:16:41

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7600.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Free Oil	0.140
5.00	Muddy Oil-80%O-20%M	0.070

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



### Pressure vs. Time

