



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1192109
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1192109

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Daubert 1
Doc ID	1192109

All Electric Logs Run

Dual Induction
Comprehensive Neutron
Comprehensive Density
Microresistivity

Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Daubert 1
Doc ID	1192109

Tops

Name	Top	Datum
Anhydrite	2290	
Heebner	3912	
Toronto	3923	
Lansing	3954	
Base Kansas City	4328	
Marmaton	4352	
Pawnee	4440	
Ft Scott	4478	
Cherokee Shale	4498	
Mississippi Spergen	4598	
Mississippi Warsaw		

Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Daubert 1
Doc ID	1192109

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.5625	24	347	Common	250	3% cc, 2% gel
Production	7.875	4.5	10.5	4700	Common	250	2%gel, 10% salt
Production	7.875	4.5	10.5	4700	60/40 Poz	50	6% gel
Port Collar	7.875	4.5	10.5	2276	60/40 Poz	600	6% gel, 3% cc

SCHIPPER'S OIL FIELD SERVICES, L.L.C.

1075

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT:
Russell, KS - Hovie, KS

DATE 8-1-13	SEC. 5	TWP. 19	RANGE 31	CALLED OUT	ON LOCATION	JOB START 11:50am	JOB FINISH 11:45pm
LEASE Daubert	WELL#. 1	LOCATION			COUNTY Scott	STATE KS	
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR Southwind #70

TYPE OF JOB _____

HOLE SIZE _____	T.D. _____
CASING SIZE 8 5/8	DEPTH 347.55
TUBING SIZE _____	DEPTH _____
DRILL PIPE _____	DEPTH _____
TOOL _____	DEPTH _____
PRES. MAX _____	MINIMUM _____
MEAS. LINE _____	SHOE JOINT _____
CEMENT LEFT IN CSG. 20.07	
PERFS _____	
DISPLACEMENT 22 1/4 bbl	
EQUIPMENT _____	
PUMP TRUCK # P1	CEMENTER Heath
	HELPER Coody
BULK TRUCK # B1	DRIVER Jay
BULK TRUCK # _____	DRIVER _____

OWNER _____

CEMENT AMOUNT ORDERED 250 5/8 10m 3% CC 2% GEL

COMMON _____	@ _____
POZMIX _____	@ _____
GEL _____	@ _____
CHLORIDE _____	@ _____
ASC _____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
HANDLING _____	@ _____
MILEAGE _____	@ _____
TOTAL _____	

REMARKS:

Ran 8 5/8 OD 8" casing and landing
it

Est circulation

Hooked up and mix 250 5/8 and
displ with 22 1/4 bbl of H₂O - shut in
@ 500PSI

Cement did circulate!!

CHARGE TO: HBB Petro

STREET _____

CITY _____ STATE _____ ZIP _____

Schippers Oil Field Services, L.L.C.,
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 San Stagg

SIGNATURE San Stagg

SERVICE

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	
EXTRA FOOTAGE _____	@ _____
MILEAGE _____	@ _____
MANIFOLD _____	@ _____
_____	@ _____
_____	@ _____
TOTAL _____	

PLUG & FLOAT EQUIPMENT

_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
TOTAL _____	

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

SCHIPPER'S OIL FIELD SERVICES, L.L.C.

1084

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS - Horice, KS

DATE <u>8-18-13</u>	SEC. <u>5</u>	TWP. <u>19</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>6:15pm</u>	JOB FINISH <u>7:45pm</u>
LEASE <u>Daubert</u>	WELL #. <u>1</u>	LOCATION <u>Dighton, KS</u>			COUNTY <u>Scott</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR Southwell # 70

TYPE OF JOB Long string

HOLE SIZE 7 7/8 T.D. 4700

CASING SIZE 4 1/2 10.5# DEPTH 4715

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL Port Collar DEPTH 2276

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15.10

PERFS

DISPLACEMENT 7434

EQUIPMENT

PUMP TRUCK CEMENTER Heath

P1 HELPER Heath

BULK TRUCK

B1 DRIVER Jay

BULK TRUCK

DRIVER

OWNER

CEMENT AMOUNT ORDERED 250 sk com 10% salt & 2% gel
50 sk 60/40 6% gel

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

REMARKS:

Run 112 JTS of 4 1/2 casing 10.5# and landing jt - Est Circulation for 45 min. Hooked up and mixed 500 gal mud flush and 50 sk 60/40 tailed in with 250 sk com 10% salt 2% gel - knock out base and plugged RT with 30 sk - hooked up and d.s.p 74346) of #20 - lifting pressure @ 600psi - plug jumped @ 1200psi - released and float held

CHARGE TO: H&B Petro

STREET _____

CITY _____ STATE _____ ZIP _____

Schippers Oil Field Services, L.L.C.,
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 _____

SIGNATURE _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

1 - 4 1/2 Port Collar

10 - 4 1/2 Cent @ _____

4 - 4 1/2 basket @ _____

1 - 4 1/2 latch down plug @ _____

1 - 4 1/2 AEU shoe @ _____

500 gal mud flush @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

SCHIPPER'S OIL FIELD SERVICES, L.L.C.

1112

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS - Hovic, KS

DATE <u>9-26-13</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>10:30am</u>	JOB FINISH <u>11:30am</u>
LEASE <u>Doubert</u>	WELL #. <u>1</u>	LOCATION			COUNTY <u>Scott</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR NEW (CIRCLE ONE)							

CONTRACTOR CO Tools
 TYPE OF JOB Port collar
 HOLE SIZE _____ T.D. _____
 CASING SIZE 4 1/2 DEPTH _____
 TUBING SIZE 2 3/8 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Port collar DEPTH 2276
 PRES. MAX _____ MINIMUM 100psi
 MEAS. LINE 800psi SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS _____
 DISPLACEMENT _____

EQUIPMENT
 PUMP TRUCK CEMENTER Heath
 # P1 HELPER Cody
 BULK TRUCK _____
 # B3 DRIVER Jay
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:
Run tubing down to 2276 opened port collar and test gate @ 36pm @ 400psi - 1hr hold up and mixed 525 sv - shut down 30 min and mixed another 75 sv and pressured up to 600psi - shut down and disp 6 1/2 bbl with 750psi - closed port collar and tested to 1000psi - held - ran 2 hrs and washed clean - came out of hole

CHARGE TO: HOB Petro
 STREET _____
 CITY _____ STATE _____ ZIP _____

Schippers Oil Field Services, L.L.C.,
 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. Thank you!

PRINTED NAME Mike Hammersmith
 SIGNATURE Mike Hammersmith

OWNER
 CEMENT AMOUNT ORDERED 300 sv 60/40 6% gel 3 1/2 bbl
300 sv 60/40 6% gel

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____
 TOTAL _____

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 MANIFOLD _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

PLUG & FLOAT EQUIPMENT
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

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

ALLIED OIL & GAS SERVICES, LLC 061162

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley, Ky

DATE <u>9/27/13</u>	SEC. <u>5</u>	TWP. <u>19</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>1:00</u>	JOB FINISH <u>2:00</u>
LEASE <u>Quaker</u>	WELL # <u>1</u>	LOCATION <u>Scott Co E-70 Tract 3185</u>			COUNTY <u>Scott</u>	STATE <u>KY</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>Windo</u>			

CONTRACTOR Trinity
 TYPE OF JOB Gravel
 HOLE SIZE _____ T.D. _____
 CASING SIZE 4 1/2 DEPTH _____
 TUBING SIZE 2 1/2 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 70
 PERFS. 900-902
 DISPLACEMENT 13-0

OWNER Gene
 CEMENT AMOUNT ORDERED 350 Can
 COMMON 350 @ 17.90 6265.00
 POZMIX @ _____
 GEL @ _____
 CHLORIDE @ _____
 ASC @ _____
 HANDLING 350 CF @ 2.40 865.00
 MILEAGE 7.62 @ 16.45 125.60
 TOTAL 7699.20

EQUIPMENT
 PUMP TRUCK CEMENTER Alan - Paul
 # 281 HELPER Kevin
 BULK TRUCK # 386 DRIVER Alex (TWS)
 BULK TRUCK # _____ DRIVER _____

REMARKS:
Take out 400 LBS 500 PPT 350 Gallon
Wash up Displace plug w/ 13.881 lbs
w/ 500 PPT GPT. Plug in a 500 PPT

CHARGE TO: HOB
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE 2058.00
 EXTRA FOOTAGE @ _____
 MILEAGE 60 miles @ 7.20 432.00
 MANIFOLD - 4000 @ _____ 300.00
Wash hole 60 miles @ 4.40 264.00
 TOTAL 3054.00

PLUG & FLOAT EQUIPMENT
Rubber Plug 4 1/2" @ _____ 83.00
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL 83.00

To: Allied Oil & Gas Services, 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 12,866.77
 DISCOUNT 2,573.35 IF PAID IN 30 DAYS
10,293.41 Net.

PRINTED NAME _____
 SIGNATURE M. H. [Signature]

ALLIED OIL & GAS SERVICES, LLC 061165

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Oakley, KY

DATE <u>10/1/13</u>	SEC. <u>9</u>	TWP. <u>19</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30pm</u>	JOB FINISH <u>2:30pm</u>
LEASE <u>Naubert</u>	WELL# <u>1</u>	LOCATION <u>Scott Co. E 7072053485 W. Rd</u>			COUNTY <u>Scott</u>	STATE <u>KY</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Trinity
 TYPE OF JOB Casing Squeeze
 HOLE SIZE _____ T.D. _____
 CASING SIZE 4 1/2 DEPTH _____
 TUBING SIZE 2 7/8 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 1 60'
 PERFS. 930
 DISPLACEMENT 13 1/4
 EQUIPMENT _____

OWNER Same
 CEMENT AMOUNT ORDERED 350 lb
3 gal. @ 5 lbs
 COMMON 350 lb @ 17.90 6265.00
 POZMIX @ _____
 GEL @ _____
 CHLORIDE @ _____
 ASC @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 385 CF @ 2.42 937.90
 MILEAGE 22.700/mile 16.670 2529.60
 TOTAL 9735.00

PUMP TRUCK CEMENTER Alan Ryan
 # 428281 HELPER Kevin Ryan
 BULK TRUCK # 396 DRIVER Mike McKampson
 BULK TRUCK # _____ DRIVER _____

REMARKS:
Full Rate 3711000.00 400.00 Max 3505K Com
Displace w/ 13 1/4 GAL H₂O w/ 500 PSI
Start in @ 500 PSI
Thank you Alan, Kevin, Mike

CHARGE TO: HOB
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE 2089.50
 EXTRA FOOTAGE @ _____
 MILEAGE 60 @ 1.70 462.00
 MANIFOLD 60 @ 4.40 264.00
 TOTAL 3089.50

PLUG & FLOAT EQUIPMENT
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

To: Allied Oil & Gas Services, 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 Mike McKampson
 SIGNATURE _____

SALES TAX (If Any) _____
 TOTAL CHARGES 12,824.50
 DISCOUNT 2,569.90 IF PAID IN 30 DAYS
10,254.60 Net.



DRILL STEM TEST REPORT

Prepared For: **H&B Petroleum Corp**

PO Box 277
Ellinwood, KS 67526

ATTN: Jim Musgrove

Daubert #1

5-19s-31w Scott,KS

Start Date: 2013.08.06 @ 11:04:15

End Date: 2013.08.06 @ 15:45:15

Job Ticket #: 53195 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.08.16 @ 13:29:26

H&B Petroleum Corp
5-19s-31w Scott,KS
Daubert #1
DST # 1
H-1
2013.08.06



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H&B Petroleum Corp
 PO Box 277
 Ellinwood, KS 67526
 ATTN: Jim Musgrove

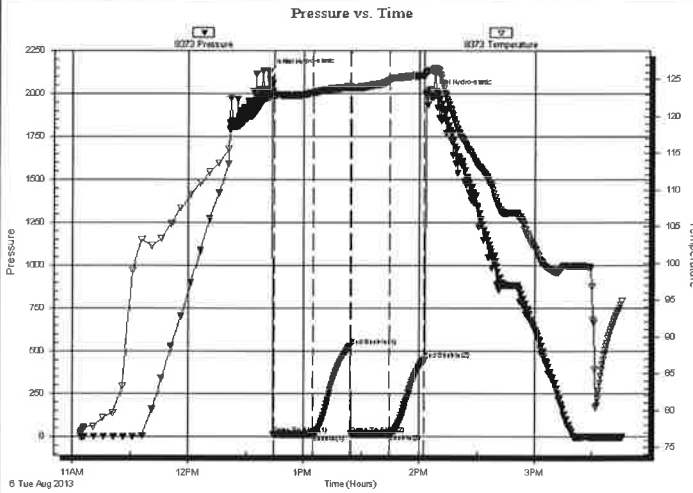
5-19s-31w Scott,KS
Daubert #1
 Job Ticket: 53195 **DST#: 1**
 Test Start: 2013.08.06 @ 11:04:15

GENERAL INFORMATION:

Formation: **HI**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:44:15
 Time Test Ended: 15:45:15
 Interval: **4165.00 ft (KB) To 4222.00 ft (KB) (TVD)**
 Total Depth: 4222.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2980.00 ft (KB)
 2970.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8373 **Inside**
 Press@RunDepth: 17.08 psig @ 4166.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.08.06 End Date: 2013.08.06 Last Calib.: 2013.08.06
 Start Time: 11:04:20 End Time: 15:45:14 Time On Btm: 2013.08.06 @ 12:42:15
 Time Off Btm: 2013.08.06 @ 14:03:45

TEST COMMENT: IF: 1/4" blow died in 4 min.
 IS: No return.
 FF: No blow.
 FS: No return.



PRESSURE SUMMARY

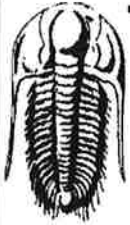
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2125.13	122.57	Initial Hydro-static
2	14.57	122.87	Open To Flow (1)
23	16.46	123.20	Shut-In(1)
42	526.14	123.96	End Shut-In(1)
43	15.87	123.78	Open To Flow (2)
63	17.08	124.83	Shut-In(2)
80	449.27	125.56	End Shut-In(2)
82	2002.53	125.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	mud oil spots 100% _m	0.11

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H&B Petroleum Corp

5-19s-31w Scott,KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 53195

DST#: 1

ATTN: Jim Musgrove

Test Start: 2013.08.06 @ 11:04:15

GENERAL INFORMATION:

Formation: **H-I**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 12:44:15

Time Test Ended: 15:45:15

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **Brandon Turley**

Unit No: **60**

Interval: **4165.00 ft (KB) To 4222.00 ft (KB) (TVD)**

Reference Elevations: **2980.00 ft (KB)**

Total Depth: **4222.00 ft (KB) (TVD)**

2970.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Good**

KB to GR/CF: 10.00 ft

Serial #: 8356 **Outside**

Press@RunDepth: **psig @ 4166.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2013.08.06**

End Date: **2013.08.06**

Last Calib.: **2013.08.06**

Start Time: **11:04:39**

End Time: **15:45:33**

Time On Btm:

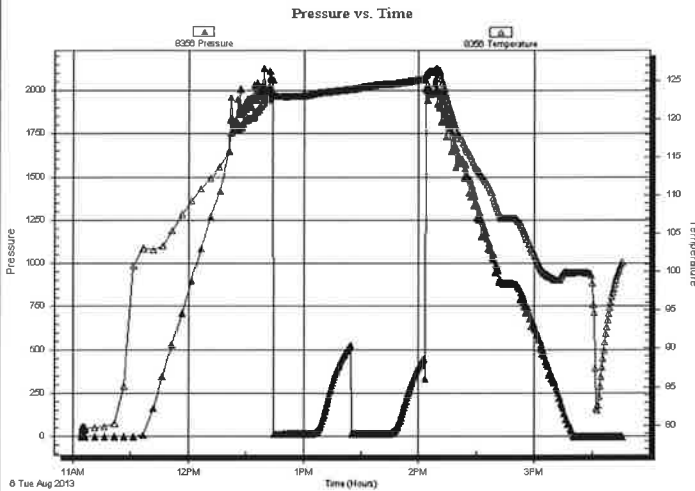
Time Off Btm:

TEST COMMENT: IF: 1/4" blow died in 4 min.

IS: No return.

FF: No blow .

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
8.00	mud oil spots 100%m	0.11

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&B Petroleum Corp

5-19s-31w Scott,KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 53195

DST#: 1

ATTN: Jim Musgrove

Test Start: 2013.08.06 @ 11:04:15

Tool Information

Drill Pipe:	Length: 4161.00 ft	Diameter: 3.80 inches	Volume: 58.37 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 58.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4165.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	57.00 ft			
Tool Length:	77.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4146.00	
Shut In Tool	5.00			4151.00	
Hydraulic tool	5.00			4156.00	
Packer	5.00			4161.00	20.00 Bottom Of Top Packer
Packer	4.00			4165.00	
Stubb	1.00			4166.00	
Recorder	0.00	8373	Inside	4166.00	
Recorder	0.00	8356	Outside	4166.00	
Perforations	18.00			4184.00	
Change Over Sub	1.00			4185.00	
Drill Pipe	31.00			4216.00	
Change Over Sub	1.00			4217.00	
Bullnose	5.00			4222.00	57.00 Bottom Packers & Anchor

Total Tool Length: 77.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

H&B Petroleum Corp

5-19s-31w Scott,KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 53195

DST#: 1

ATTN: Jim Musgrove

Test Start: 2013.08.06 @ 11:04:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 67.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	mud oil spots 100%m	0.112

Total Length: 8.00 ft Total Volume: 0.112 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

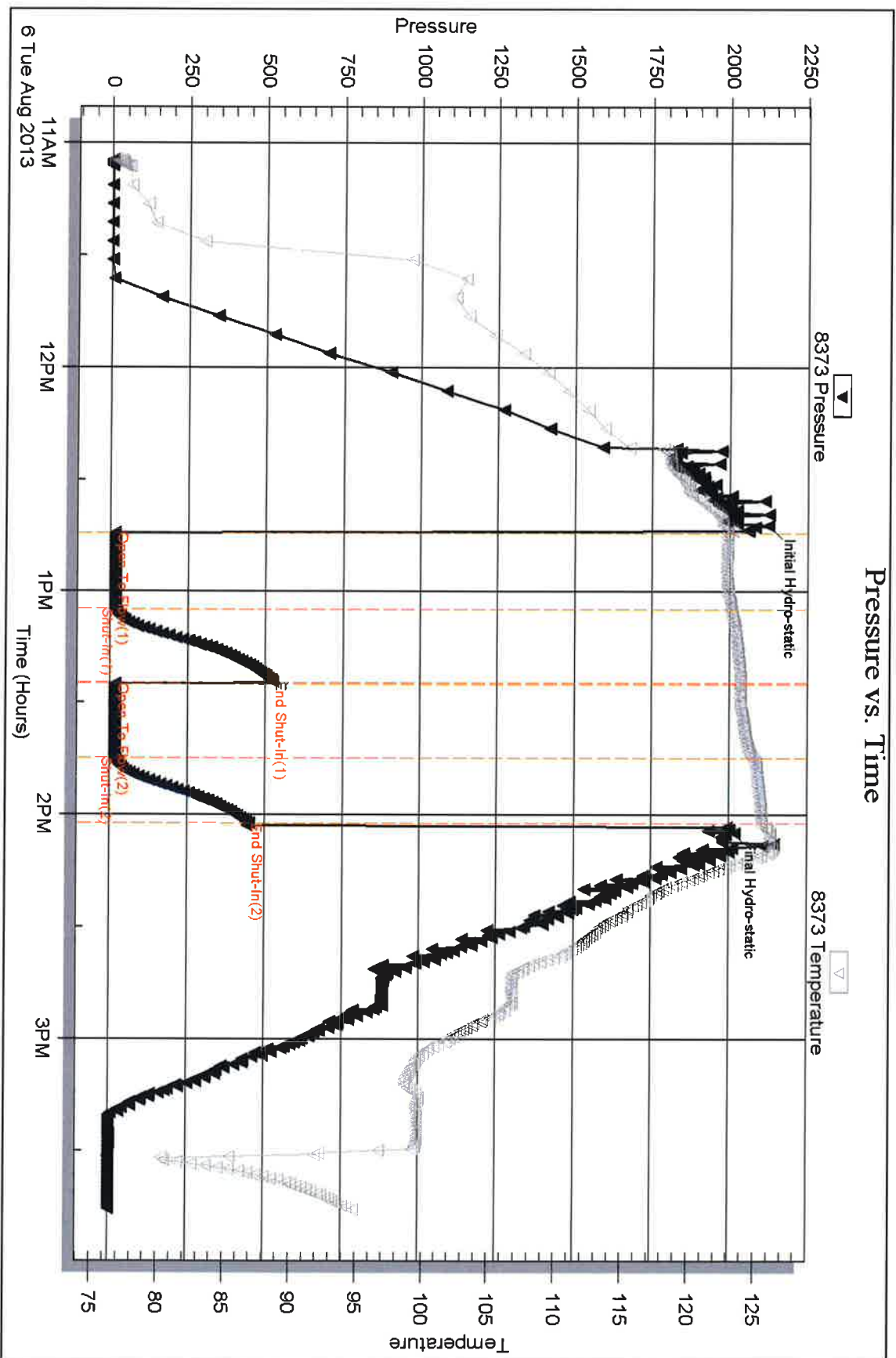
Serial #: 8373

Inside

H&B Petroleum Corp

Daubert #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 53195

Printed: 2013.08.16 @ 13:29:31

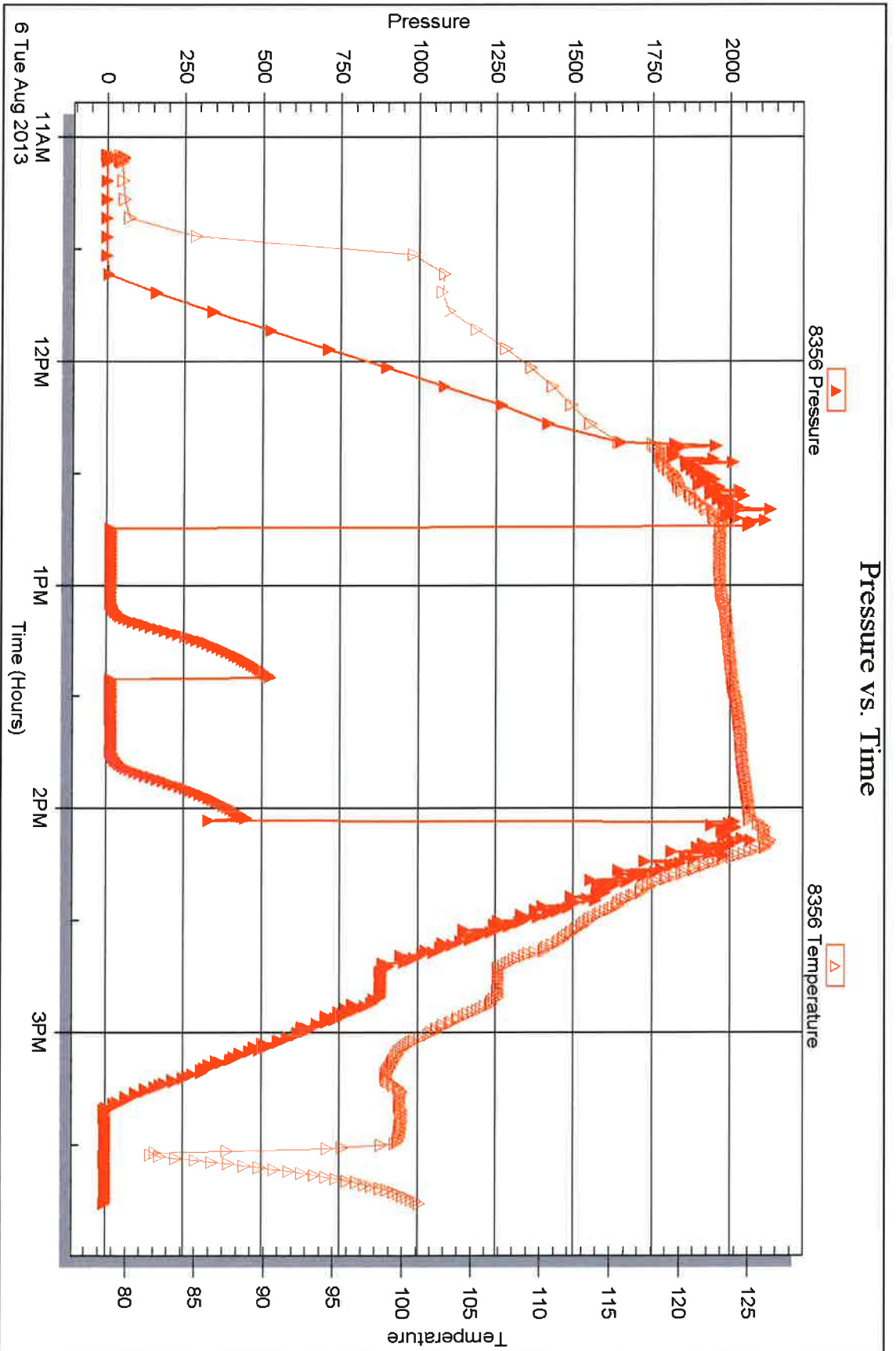
Serial #: 8356

Outside

H&B Petroleum Corp

Daubert #1

DST Test Number: 1



Tribolite Testing, Inc

Ref. No: 53195

Printed: 2013.08.16 @ 13:29:32



DRILL STEM TEST REPORT

Prepared For: **H&B Petroleum Corp**

PO Box 277
Ellinwood, KS 67526

ATTN: Jim Musgrove

Daubert #1

5-19s-31w Scott,KS

Start Date: 2013.08.06 @ 22:36:17

End Date: 2013.08.07 @ 06:43:17

Job Ticket #: 53196 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.08.16 @ 13:27:36



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&B Petroleum Corp
PO Box 277
Ellinwood, KS 67526
ATTN: Jim Musgrove

5-19s-31w Scott, KS
Daubert #1
Job Ticket: 53196 **DST#: 2**
Test Start: 2013.08.06 @ 22:36:17

GENERAL INFORMATION:

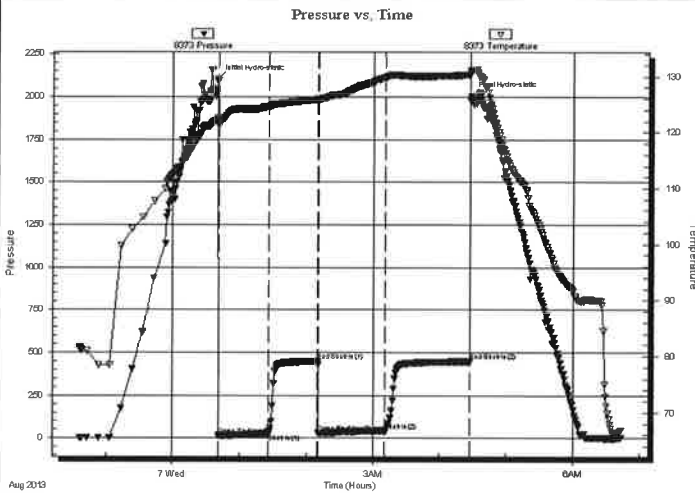
Formation: **J**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 00:40:47
Time Test Ended: 06:43:17
Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 60
Interval: **4214.00 ft (KB) To 4246.00 ft (KB) (TVD)**
Reference Elevations: 2980.00 ft (KB)
Total Depth: 4214.00 ft (KB) (TVD) 2970.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press@RunDepth: 43.97 psig @ 4215.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.08.06 End Date: 2013.08.07 Last Calib.: 2013.08.07
Start Time: 22:36:22 End Time: 06:43:16 Time On Btm: 2013.08.07 @ 00:39:47
Time Off Btm: 2013.08.07 @ 04:27:47

TEST COMMENT: IF: 1/4" blow built to 4"
IS: No return.
FF: Surface blow built to 6"
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2097.85	122.23	Initial Hydro-static
1	13.85	121.26	Open To Flow (1)
46	26.42	124.65	Shut-In(1)
90	450.66	125.94	End Shut-In(1)
91	30.31	125.95	Open To Flow (2)
151	43.97	129.81	Shut-In(2)
227	447.68	130.28	End Shut-In(2)
228	2004.90	131.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
67.00	ocm 40%o 60%m	0.94
10.00	free oil 100%o	0.14
0.00	93 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

H&B Petroleum Corp

5-19s-31w Scott, KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 53196

DST#: 2

ATTN: Jim Musgrove

Test Start: 2013.08.06 @ 22:36:17

GENERAL INFORMATION:

Formation: **J**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 00:40:47

Time Test Ended: 06:43:17

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 60

Interval: **4214.00 ft (KB) To 4246.00 ft (KB) (TVD)**

Reference Elevations: 2980.00 ft (KB)

Total Depth: 4214.00 ft (KB) (TVD)

2970.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8356 Outside

Press@RunDepth: **psig @ 4215.00 ft (KB)**

Capacity: 8000.00 psig

Start Date: 2013.08.06

End Date:

2013.08.07

Last Calib.:

2013.08.07

Start Time: 22:36:41

End Time:

06:43:35

Time On Btm:

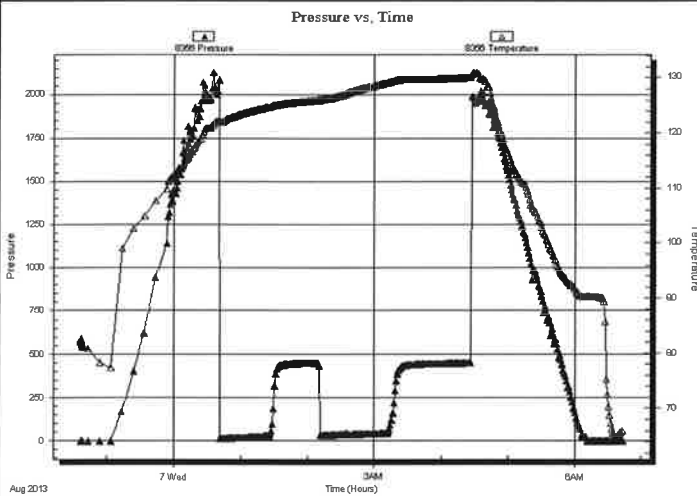
Time Off Btm:

TEST COMMENT: IF: 1/4" blow built to 4"

IS: No return.

FF: Surface blow built to 6"

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
67.00	ocm 40%o 60%m	0.94
10.00	free oil 100%o	0.14
0.00	93 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&B Petroleum Corp

5-19s-31w Scott,KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 53196

DST#: 2

ATTN: Jim Musgrove

Test Start: 2013.08.06 @ 22:36:17

Tool Information

Drill Pipe:	Length: 4224.00 ft	Diameter: 3.80 inches	Volume: 59.25 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 59.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4214.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4195.00	
Shut In Tool	5.00			4200.00	
Hydraulic tool	5.00			4205.00	
Packer	5.00			4210.00	20.00 Bottom Of Top Packer
Packer	4.00			4214.00	
Stubb	1.00			4215.00	
Recorder	0.00	8373	Inside	4215.00	
Recorder	0.00	8356	Outside	4215.00	
Perforations	26.00			4241.00	
Bullnose	5.00			4246.00	32.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

H&B Petroleum Corp

5-19s-31w Scott,KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 53196

DST#: 2

ATTN: Jim Musgrove

Test Start: 2013.08.06 @ 22:36:17

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
67.00	ocm 40%o 60%m	0.940
10.00	free oil 100%o	0.140
0.00	93 GIP	0.000

Total Length: 77.00 ft

Total Volume: 1.080 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8373

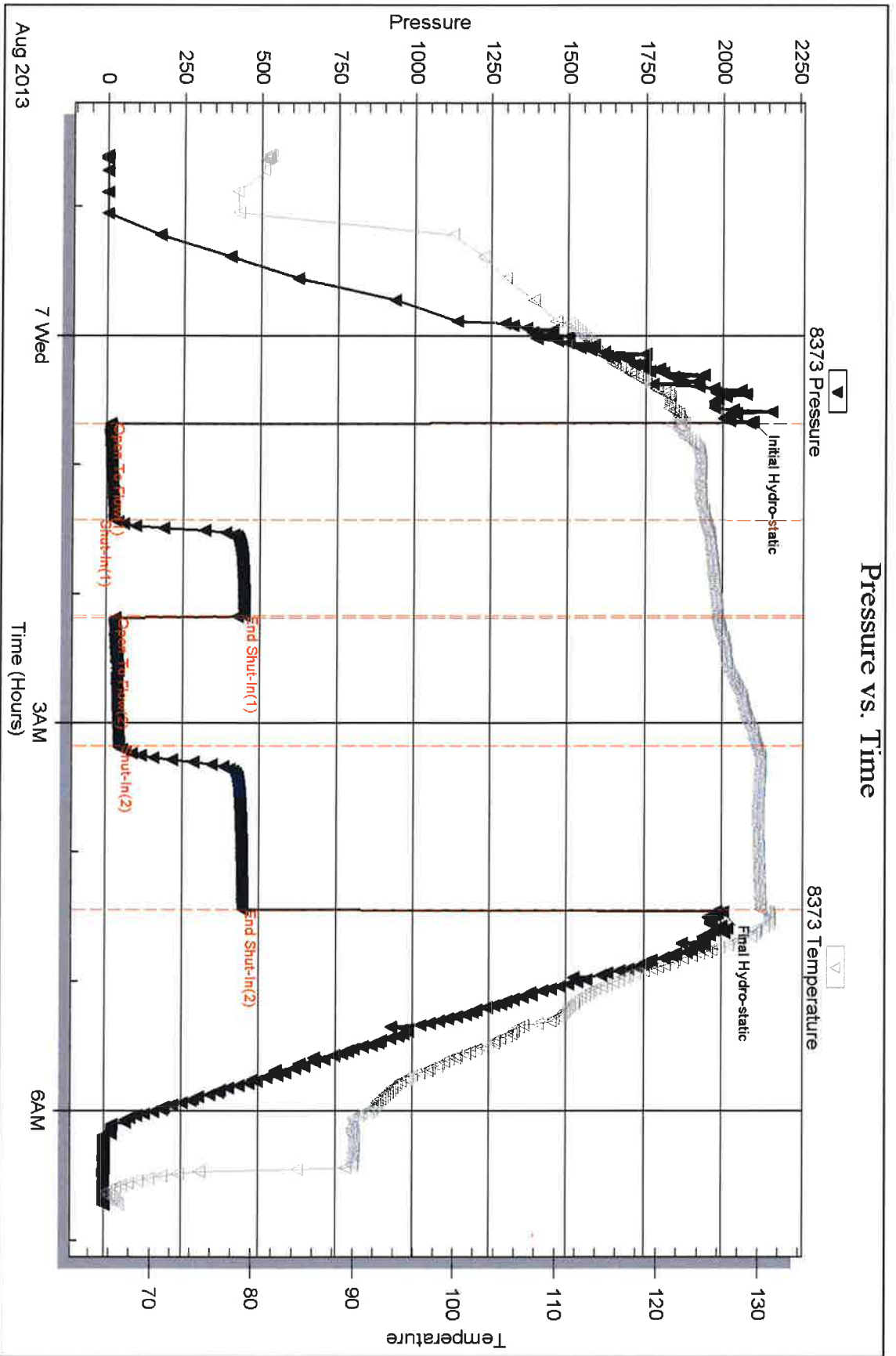
Inside

H&B Petroleum Corp

Daubert #1

DST Test Number: 2

Pressure vs. Time

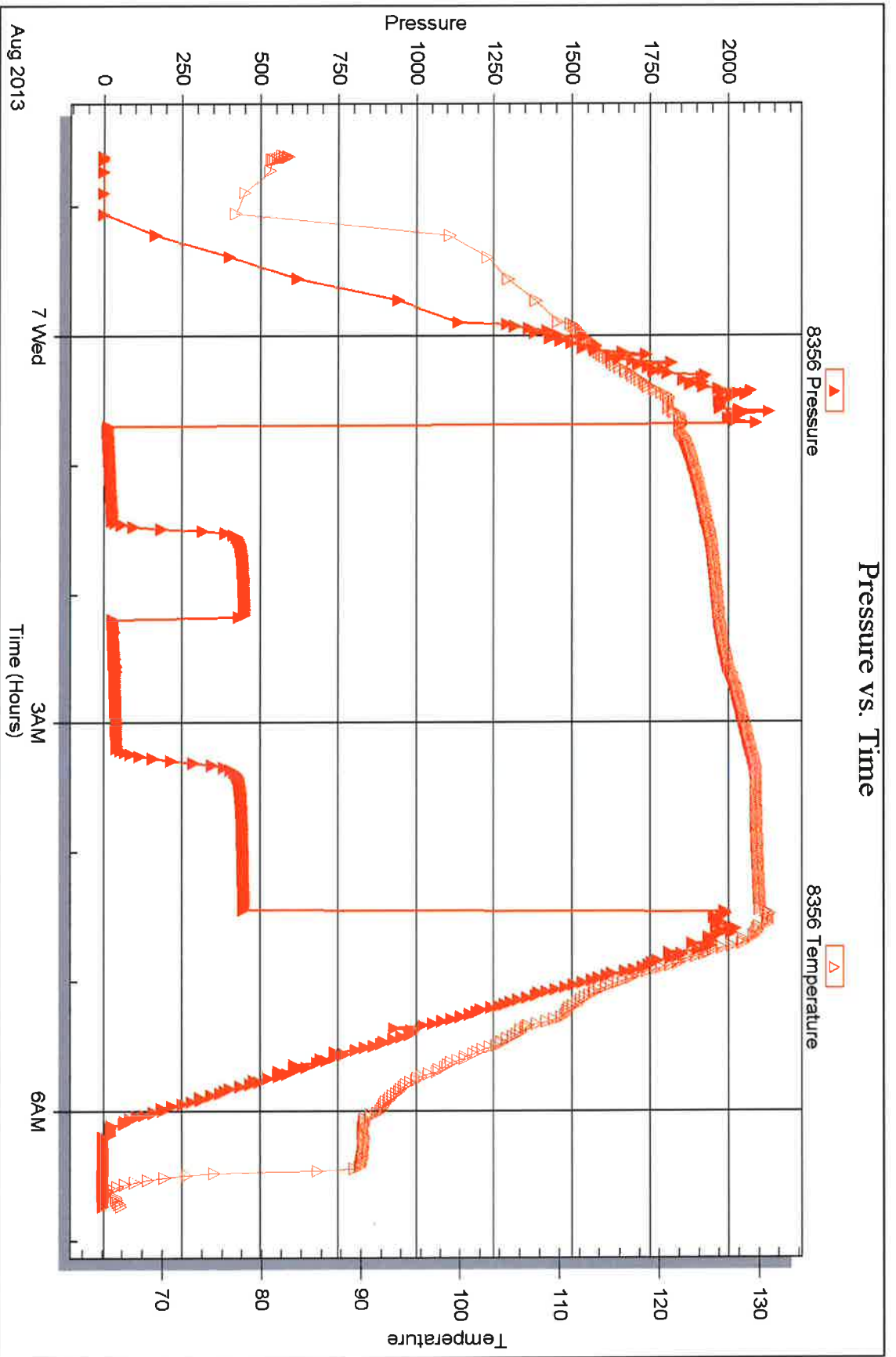


Serial #: 8356

Outside H&B Petroleum Corp

Daubert #1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **H&B Petroleum Corp**

PO Box 277
Ellinwood, KS 67526

ATTN: Jim Musgrove

Daubert #1

5-19s-31w Scott,KS

Start Date: 2013.08.07 @ 18:15:46

End Date: 2013.08.09 @ 08:47:46

Job Ticket #: 53197 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.08.16 @ 13:26:45

H&B Petroleum Corp
5-19s-31w Scott,KS
Daubert #1
DST # 3
K-1
2013.08.07



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&B Petroleum Corp
PO Box 277
Ellinwood, KS 67526
ATTN: Jim Musgrove

5-19s-31w Scott,KS

Daubert #1

Job Ticket: 53197

DST#: 3

Test Start: 2013.08.07 @ 18:15:46

GENERAL INFORMATION:

Formation: **K-L**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: **20:01:16** Tester: **Brandon Turley**
 Time Test Ended: **08:47:46** Unit No: **60**
 Interval: **4259.00 ft (KB) To 4332.00 ft (KB) (TVD)** Reference Elevations: **2980.00 ft (KB)**
 Total Depth: **4332.00 ft (KB) (TVD)** **2970.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good** KB to GR/CF: **10.00 ft**

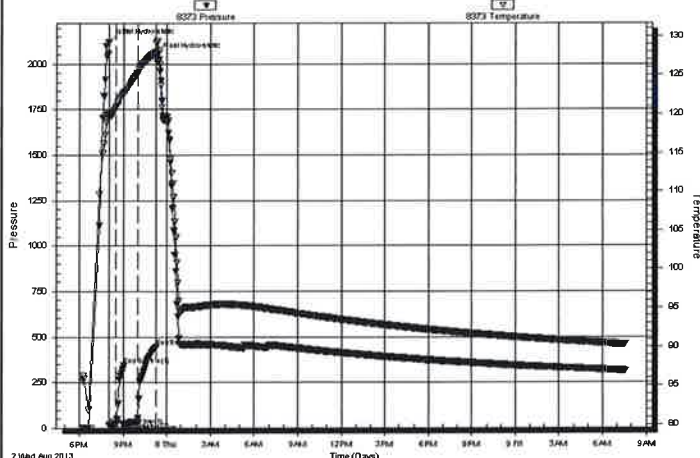
Serial #: 8373

Inside

Press@RunDepth: **36.70 psig @ 4260.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2013.08.07** End Date: **2013.08.09** Last Calib.: **2013.08.09**
 Start Time: **18:15:51** End Time: **08:47:46** Time On Btm: **2013.08.07 @ 20:00:16**
 Time Off Btm: **2013.08.07 @ 23:16:46**

TEST COMMENT: IF: 1/4" blow built to 5"
 IS: No return.
 FF: Surface blow built to 9"
 FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2121.07	120.21	Initial Hydro-static
1	16.87	119.38	Open To Flow (1)
31	23.39	120.83	Shut-In(1)
62	345.67	122.80	End Shut-In(1)
63	22.37	122.63	Open To Flow (2)
119	36.70	125.22	Shut-In(2)
195	444.91	127.96	End Shut-In(2)
197	2041.16	129.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
37.00	ocm 5%o 95%o	0.52
30.00	free oil 100%o	0.42
0.00	186 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&B Petroleum Corp

5-19s-31w Scott, KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 53197

DST#: 3

ATTN: Jim Musgrove

Test Start: 2013.08.07 @ 18:15:46

GENERAL INFORMATION:

Formation: **K-L**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: **20:01:16** Tester: **Brandon Turley**
 Time Test Ended: **08:47:46** Unit No: **60**
Interval: 4259.00 ft (KB) To 4332.00 ft (KB) (TVD) Reference Elevations: **2980.00 ft (KB)**
 Total Depth: **4332.00 ft (KB) (TVD)** **2970.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good** KB to GR/CF: **10.00 ft**

Serial #: 8356

Outside

Press@RunDepth: **psig @ 4260.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2013.08.07**

End Date:

2013.08.09

Last Calib.:

2013.08.09

Start Time: **18:15:07**

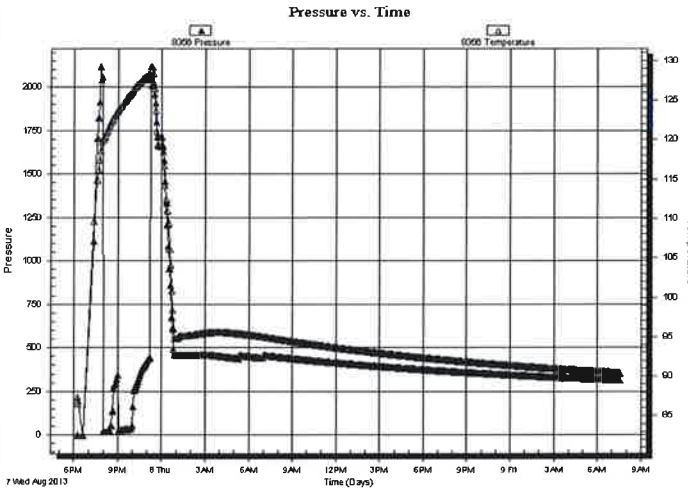
End Time:

08:47:02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1/4" blow built to 5"
 IS: No return.
 FF: Surface blow built to 9"
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
37.00	ocm 5%o 95%o	0.52
30.00	free oil 100%o	0.42
0.00	186 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&B Petroleum Corp

5-19s-31w Scott, KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 53197

DST#: 3

ATTN: Jim Musgrove

Test Start: 2013.08.07 @ 18:15:46

Tool Information

Drill Pipe:	Length: 4255.00 ft	Diameter: 3.80 inches	Volume: 59.69 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 59.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4259.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4240.00	
Shut In Tool	5.00			4245.00	
Hydraulic tool	5.00			4250.00	
Packer	5.00			4255.00	20.00 Bottom Of Top Packer
Packer	4.00			4259.00	
Stubb	1.00			4260.00	
Recorder	0.00	8373	Inside	4260.00	
Recorder	0.00	8356	Outside	4260.00	
Perforations	3.00			4263.00	
Change Over Sub	1.00			4264.00	
Drill Pipe	62.00			4326.00	
Change Over Sub	1.00			4327.00	
Bullnose	5.00			4332.00	73.00 Bottom Packers & Anchor

Total Tool Length: 93.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

H&B Petroleum Corp

5-19s-31w Scott,KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 53197

DST#: 3

ATTN: Jim Musgrove

Test Start: 2013.08.07 @ 18:15:46

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.16 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
37.00	ocm 5%o 95%m	0.519
30.00	free oil 100%o	0.421
0.00	186 GIP	0.000

Total Length:

67.00 ft

Total Volume:

0.940 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8373

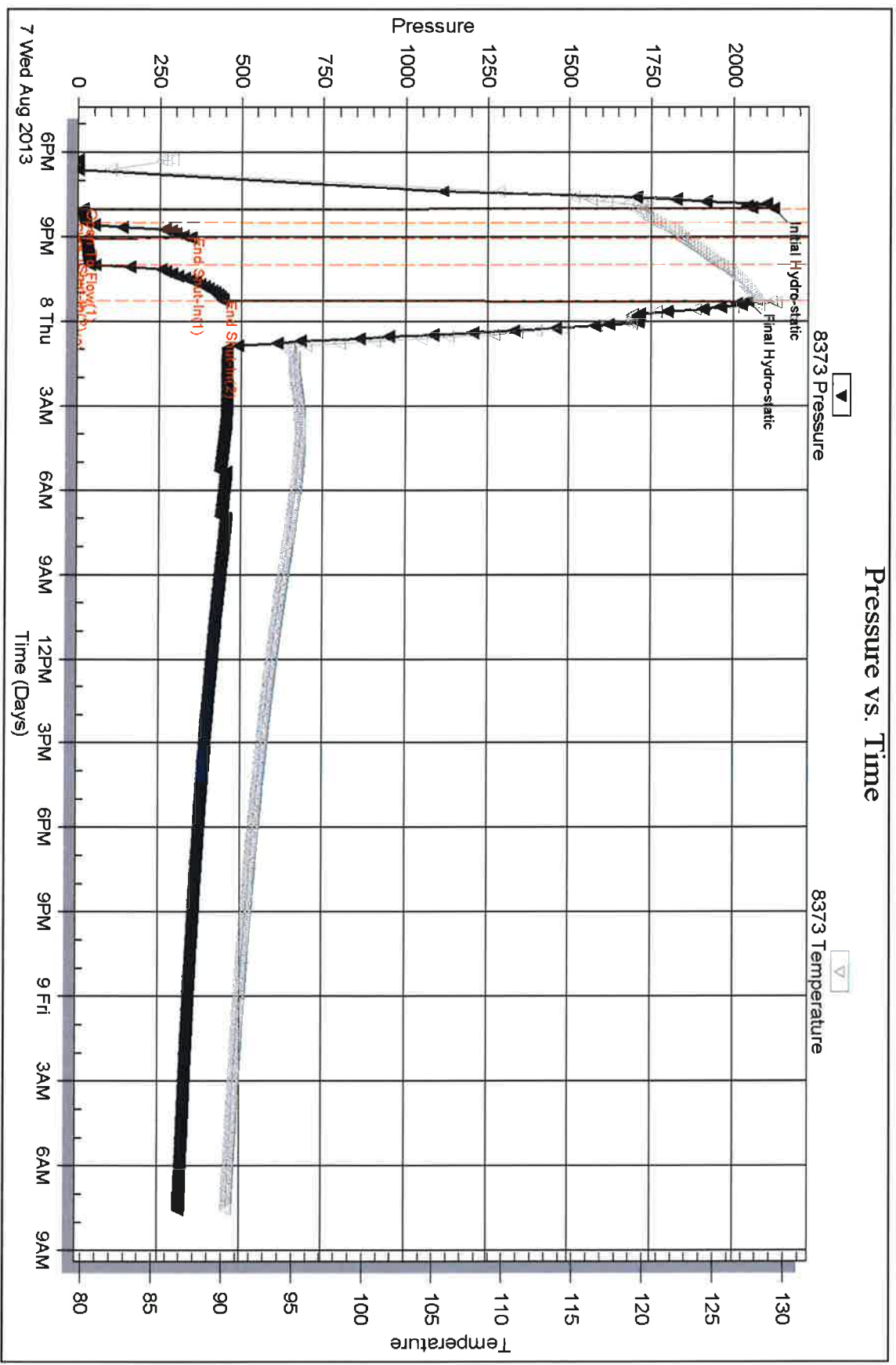
Inside

H&B Petroleum Corp

Daubert #1

DST Test Number: 3

Pressure vs. Time



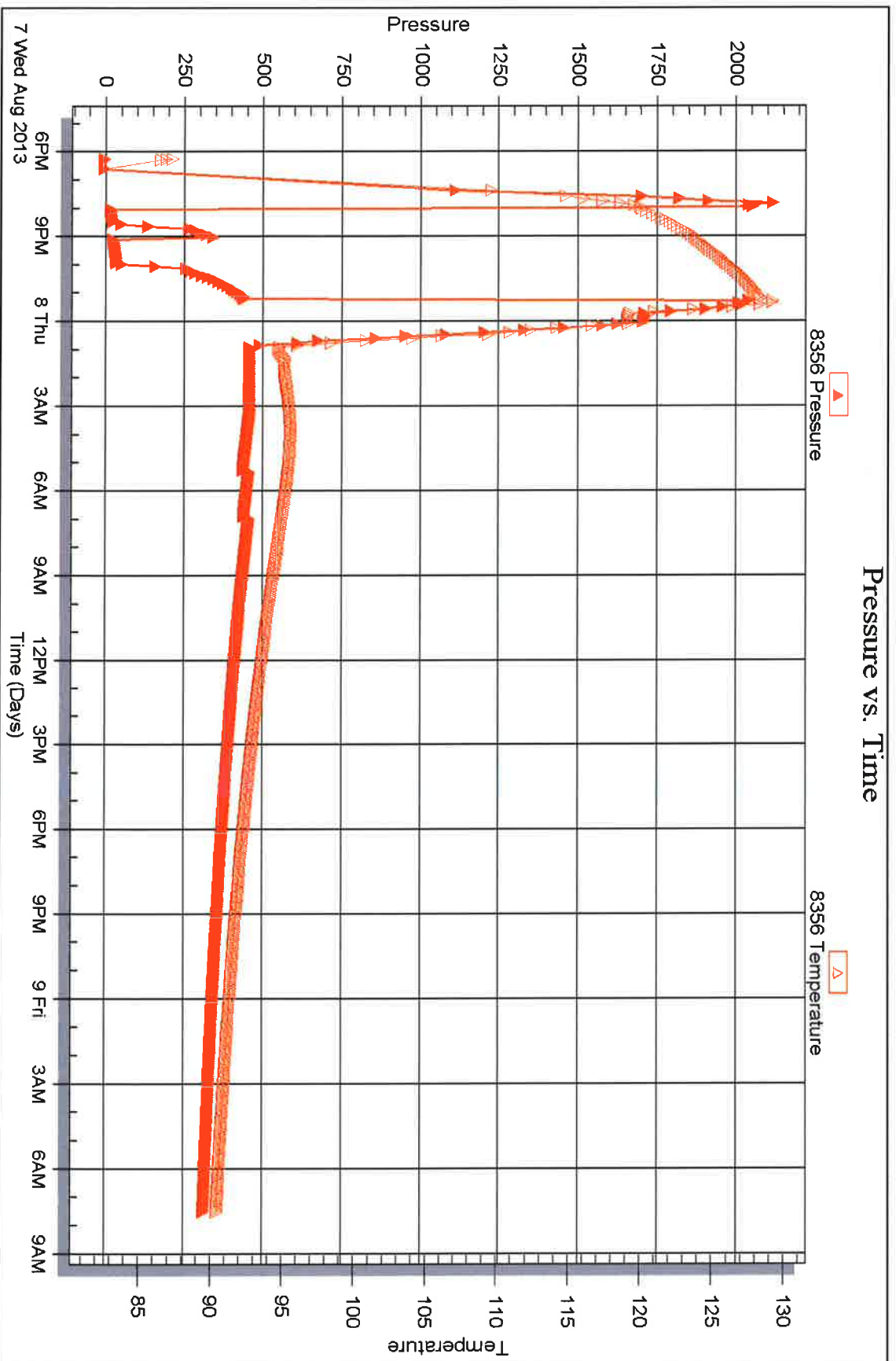
Serial #: 8356

Outside H&B Petroleum Corp

Daubert #1

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 53197

Printed: 2013.08.16 @ 13:26:51



DRILL STEM TEST REPORT

Prepared For: **H&B Petroleum Corp**

PO Box 277
Ellinwood, KS 67526

ATTN: Jim Musgrove

Daubert #1

5-19s-31w Scott,KS

Start Date: 2013.08.14 @ 04:40:00

End Date: 2013.08.14 @ 11:10:45

Job Ticket #: 52955 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.08.16 @ 13:25:59



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&B Petroleum Corp

5-19s-31w Scott,KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 52955

DST#: 4

ATTN: Jim Musgrove

Test Start: 2013.08.14 @ 04:40:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:39:30

Time Test Ended: 11:10:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 150

Interval: **4338.00 ft (KB) To 4425.00 ft (KB) (TVD)**

Total Depth: 4425.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2980.00 ft (KB)

2970.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675 Inside

Press@RunDepth: 35.31 psig @ 4339.00 ft (KB)

Start Date: 2013.08.14

End Date:

2013.08.14

Capacity: 8000.00 psig

Last Calib.: 2013.08.14

Start Time: 04:40:15

End Time:

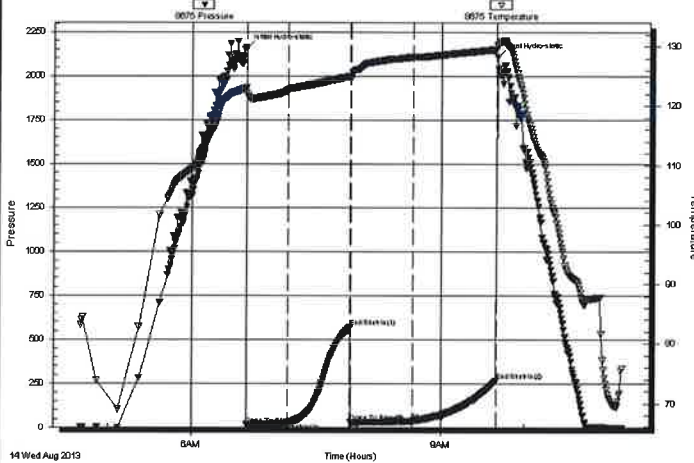
11:10:45

Time On Btm: 2013.08.14 @ 06:39:15

Time Off Btm: 2013.08.14 @ 09:40:15

TEST COMMENT: Built to 3" blow
No return blow
Built to 3/4" blow
No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2157.89	123.13	Initial Hydro-static
1	17.48	122.08	Open To Flow (1)
30	24.48	122.74	Shut-In(1)
75	569.68	125.02	End Shut-In(1)
75	33.00	124.65	Open To Flow (2)
120	35.31	128.23	Shut-In(2)
181	265.17	129.52	End Shut-In(2)
181	2106.70	130.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Clean Oil	0.01
39.00	100% Mud with oil scum	0.55
0.00	80 Feet Gas In Pipe	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&B Petroleum Corp

5-19s-31w Scott,KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 52955

DST#: 4

ATTN: Jim Musgrove

Test Start: 2013.08.14 @ 04:40:00

Tool Information

Drill Pipe:	Length: 4349.52 ft	Diameter: 3.80 inches	Volume: 61.01 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 66000.00 lb
			<u>Total Volume: 61.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.52 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4338.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.00 ft			
Tool Length:	107.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4319.00	
Shut In Tool	5.00			4324.00	
Hydraulic tool	5.00			4329.00	
Packer	5.00			4334.00	20.00 Bottom Of Top Packer
Packer	4.00			4338.00	
Stubb	1.00			4339.00	
Recorder	0.00	8675	Inside	4339.00	
Recorder	0.00	8650	Outside	4339.00	
Perforations	19.00			4358.00	
Change Over Sub	1.00			4359.00	
Drill Pipe	62.00			4421.00	
Change Over Sub	1.00			4422.00	
Bullnose	3.00			4425.00	87.00 Bottom Packers & Anchor

Total Tool Length: 107.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

H&B Petroleum Corp
PO Box 277
Ellinwood, KS 67526
ATTN: Jim Musgrove

5-19s-31w Scott, KS
Daubert #1
Job Ticket: 52955 **DST#: 4**
Test Start: 2013.08.14 @ 04:40:00

Mud and Cushion Information

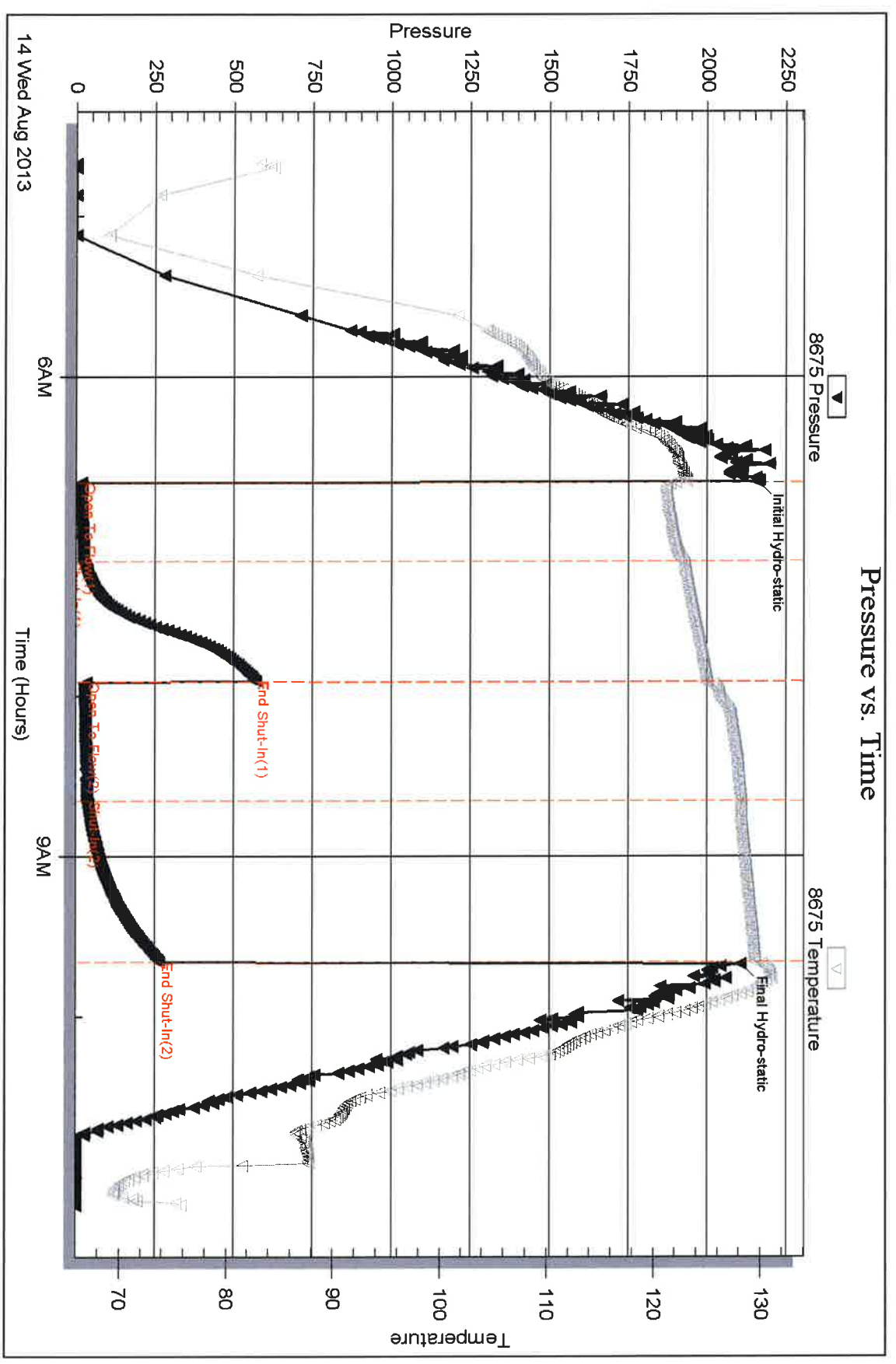
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.37 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Clean Oil	0.014
39.00	100% Mud with oil scum	0.547
0.00	80 Feet Gas In Pipe	0.000

Total Length: 40.00 ft Total Volume: 0.561 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **H&B Petroleum Corp**

PO Box 277
Ellinwood, KS 67526

ATTN: Jim Musgrove

Daubert #1

5-19s-31w Scott,KS

Start Date: 2013.08.15 @ 01:30:00

End Date: 2013.08.15 @ 08:18:00

Job Ticket #: 52956 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.08.16 @ 13:25:09

H&B Petroleum Corp
5-19s-31w Scott,KS
Daubert #1
DST # 5
Pawnee - Johnson
2013.08.15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H&B Petroleum Corp

5-19s-31w Scott, KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 52956

DST#: 5

ATTN: Jim Musgrove

Test Start: 2013.08.15 @ 01:30:00

GENERAL INFORMATION:

Formation: **Pawnee - Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:48:00

Time Test Ended: 08:18:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 150

Interval: **4422.00 ft (KB) To 4550.00 ft (KB) (TVD)**

Total Depth: 4550.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2980.00 ft (KB)

2970.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press@RunDepth: 21.24 psig @ 4423.00 ft (KB)

Start Date: 2013.08.15

End Date:

2013.08.15

Start Time: 01:30:15

End Time:

08:18:00

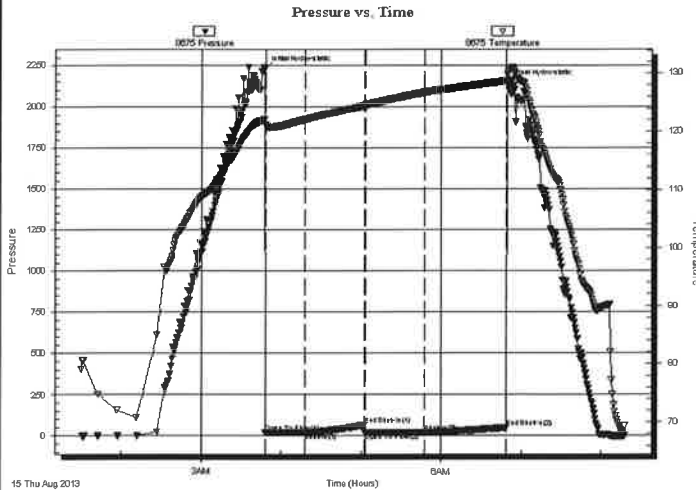
Capacity: 8000.00 psig

Last Calib.: 2013.08.15

Time On Btm: 2013.08.15 @ 03:47:30

Time Off Btm: 2013.08.15 @ 06:49:45

TEST COMMENT: Built to 1" died to 1/2" blow
No return blow
No blow
No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2228.27	122.12	Initial Hydro-static
1	18.31	121.19	Open To Flow (1)
31	20.58	121.99	Shut-In(1)
75	67.97	124.37	End Shut-In(1)
76	20.44	124.35	Open To Flow (2)
120	21.24	126.63	Shut-In(2)
182	50.24	128.69	End Shut-In(2)
183	2143.48	129.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	100% mud w with few oil spots	0.11

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&B Petroleum Corp
PO Box 277
Ellinwood, KS 67526
ATTN: Jim Musgrove

5-19s-31w Scott,KS

Daubert #1
Job Ticket: 52956 **DST#: 5**
Test Start: 2013.08.15 @ 01:30:00

GENERAL INFORMATION:

Formation: **Pawnee - Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:48:00

Time Test Ended: 08:18:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 150

Interval: **4422.00 ft (KB) To 4550.00 ft (KB) (TVD)**

Total Depth: 4550.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2980.00 ft (KB)

2970.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8650

Outside

Press@RunDepth: psig @ 4423.00 ft (KB)

Start Date: 2013.08.15

End Date:

2013.08.15

Start Time: 01:30:45

End Time:

08:18:45

Capacity: 8000.00 psig

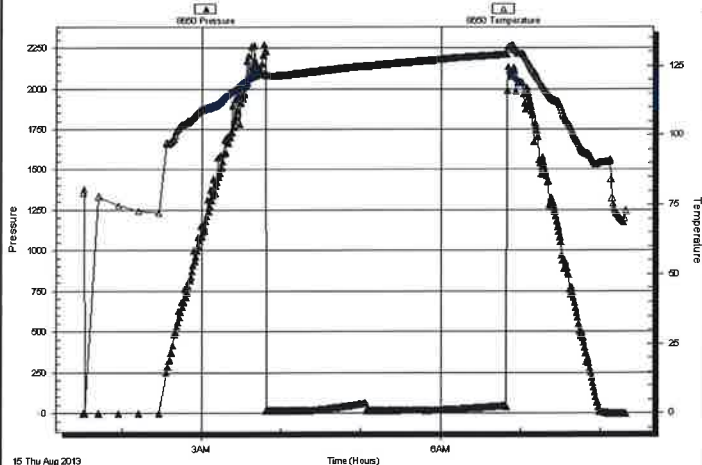
Last Calib.: 2013.08.15

Time On Btm:

Time Off Btm:

TEST COMMENT: Built to 1" died to 1/2" blow
No return blow
No blow
No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
8.00	100% mud with few oil spots	0.11

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&B Petroleum Corp

5-19s-31w Scott, KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 52956

DST#: 5

ATTN: Jim Musgrove

Test Start: 2013.08.15 @ 01:30:00

Tool Information

Drill Pipe:	Length: 4411.47 ft	Diameter: 3.80 inches	Volume: 61.88 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 61.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.47 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4422.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	128.00 ft			
Tool Length:	148.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4403.00	
Shut In Tool	5.00			4408.00	
Hydraulic tool	5.00			4413.00	
Packer	5.00			4418.00	20.00 Bottom Of Top Packer
Packer	4.00			4422.00	
Stubb	1.00			4423.00	
Recorder	0.00	8675	Inside	4423.00	
Recorder	0.00	8650	Outside	4423.00	
Perforations	29.00			4452.00	
Change Over Sub	1.00			4453.00	
Drill Pipe	93.00			4546.00	
Change Over Sub	1.00			4547.00	
Bullnose	3.00			4550.00	128.00 Bottom Packers & Anchor

Total Tool Length: 148.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

H&B Petroleum Corp

5-19s-31w Scott,KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 52956

DST#: 5

ATTN: Jim Musgrove

Test Start: 2013.08.15 @ 01:30:00

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: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	100% mud with few oil spots	0.112

Total Length:

8.00 ft

Total Volume:

0.112 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8675

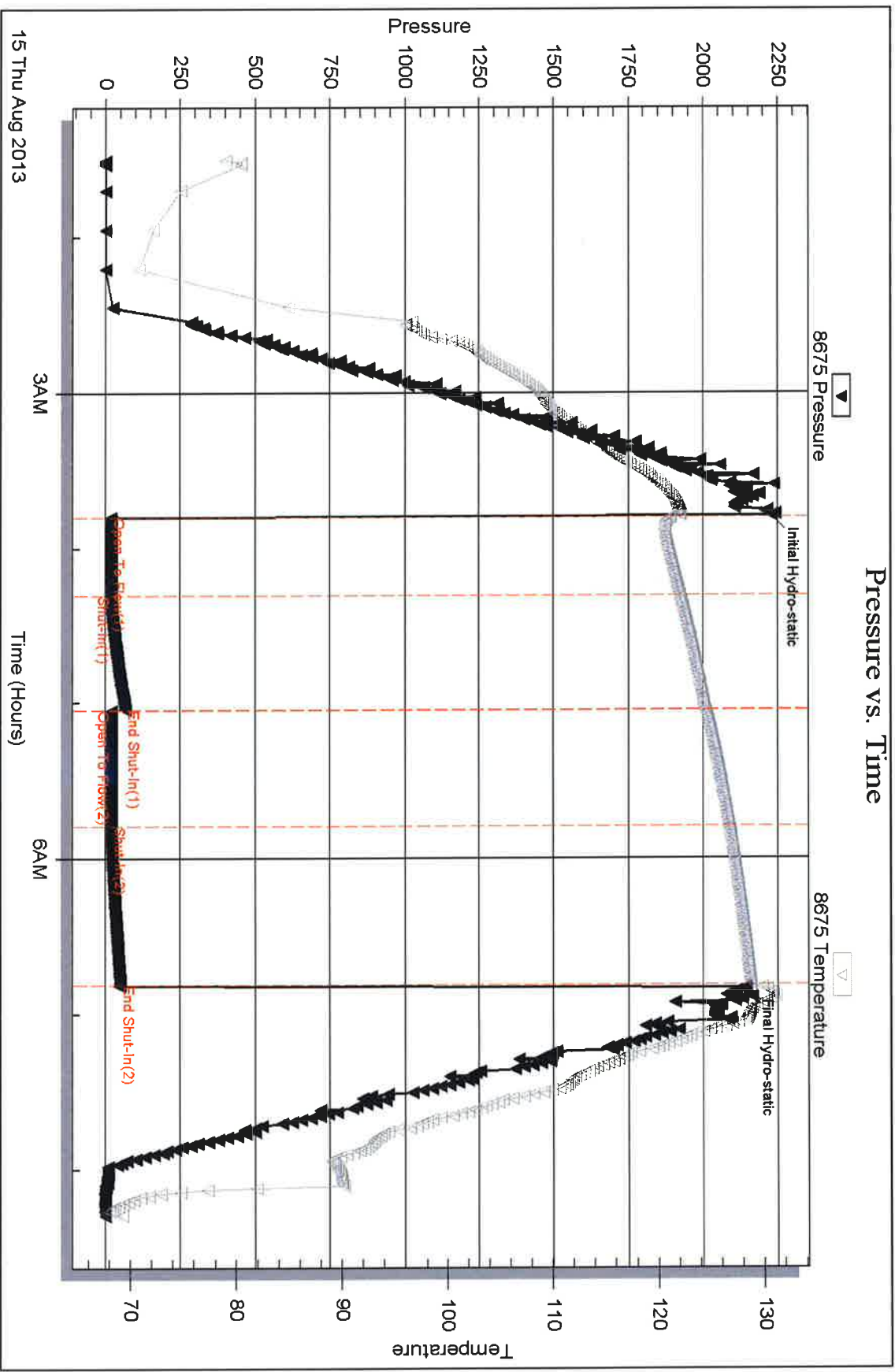
Inside

H&B Petroleum Corp

Daubert #1

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 52956

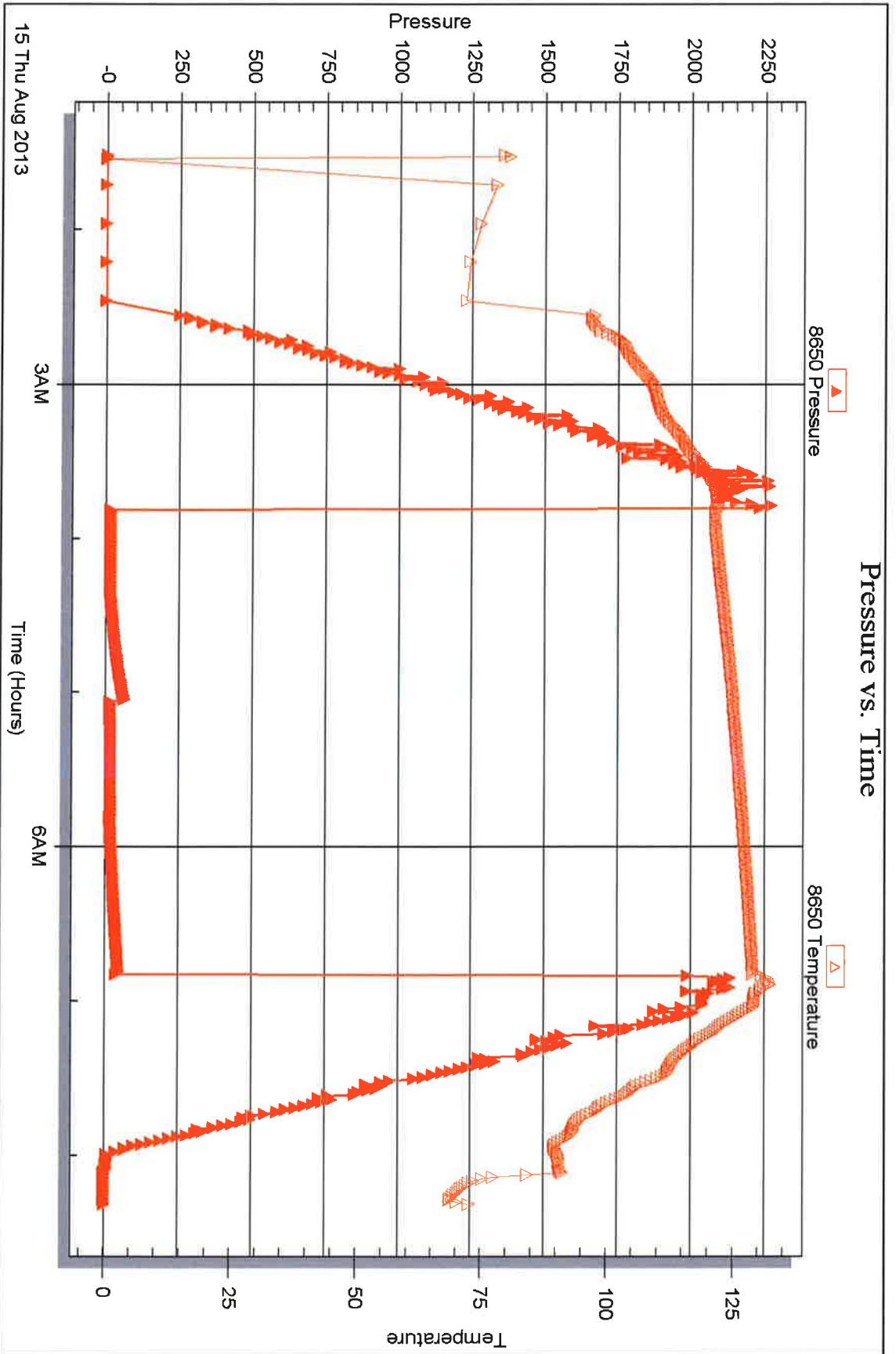
Printed: 2013.08.16 @ 13:25:12

Serial #: 8650

Outside H&B Petroleum Corp

Daubert #1

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 52956

Printed: 2013.08.16 @ 13:25:13



DRILL STEM TEST REPORT

Prepared For: **H&B Petroleum Corp**

PO Box 277
Ellinwood, KS 67526

ATTN: Jim Musgrove

Daubert #1

5-19s-31w Scott,KS

Start Date: 2013.08.15 @ 18:50:00

End Date: 2013.08.16 @ 03:33:00

Job Ticket #: 52957 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.08.16 @ 13:24:29

H&B Petroleum Corp 5-19s-31w Scott,KS Daubert #1 DST # 6 Miss 2013.08.15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H&B Petroleum Corp

5-19s-31w Scott,KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 52957

DST#: 6

ATTN: Jim Musgrove

Test Start: 2013.08.15 @ 18:50:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:26:00

Time Test Ended: 03:33:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 60

Interval: **4594.00 ft (KB) To 4612.00 ft (KB) (TVD)**

Reference Elevations: 2980.00 ft (KB)

Total Depth: 4612.00 ft (KB) (TVD)

2970.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press@RunDepth: 32.89 psig @ 4595.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.15

End Date:

2013.08.16

Last Calib.: 2013.08.16

Start Time: 18:50:15

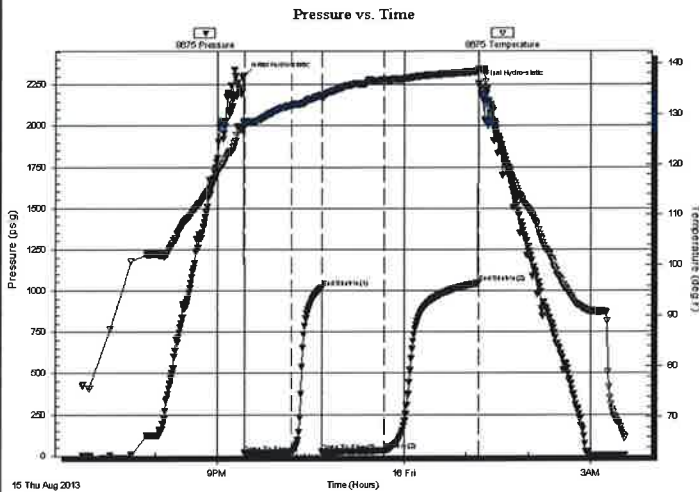
End Time:

03:33:00

Time On Btm: 2013.08.15 @ 21:25:30

Time Off Btm: 2013.08.16 @ 01:12:15

TEST COMMENT: Built to 2" blow
No return blow
Built to 2" blow
No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2301.32	128.33	Initial Hydro-static
1	18.78	127.49	Open To Flow (1)
46	22.03	131.55	Shut-In(1)
75	1017.42	133.58	End Shut-In(1)
76	24.87	133.14	Open To Flow (2)
136	32.89	136.75	Shut-In(2)
226	1045.58	138.32	End Shut-In(2)
227	2254.16	138.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	clean oil	0.07
35.00	ocm 5%O 95%M	0.49

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&B Petroleum Corp

5-19s-31w Scott, KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 52957

DST#: 6

ATTN: Jim Musgrove

Test Start: 2013.08.15 @ 18:50:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:26:00

Time Test Ended: 03:33:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 60

Interval: 4594.00 ft (KB) To 4612.00 ft (KB) (TVD)

Reference Elevations: 2980.00 ft (KB)

Total Depth: 4612.00 ft (KB) (TVD)

2970.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8650 Outside

Press@RunDepth: psig @ 4595.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.15

End Date:

2013.08.16

Last Calib.:

2013.08.16

Start Time: 18:50:15

End Time:

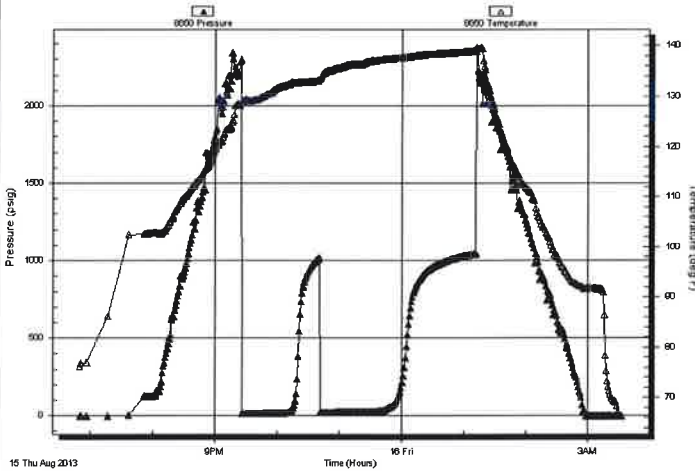
03:33:00

Time On Btm:

Time Off Btm:

TEST COMMENT: Built to 2" blow
No return blow
Built to 2" blow
No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	clean oil	0.07
35.00	ocm 5%O 95%M	0.49

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&B Petroleum Corp

5-19s-31w Scott,KS

PO Box 277
Ellinwood, KS 67526

Daubert #1

Job Ticket: 52957

DST#: 6

ATTN: Jim Musgrove

Test Start: 2013.08.15 @ 18:50:00

Tool Information

Drill Pipe:	Length: 4597.87 ft	Diameter: 3.80 inches	Volume: 64.50 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 64.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.87 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4594.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4575.00	
Shut In Tool	5.00			4580.00	
Hydraulic tool	5.00			4585.00	
Packer	5.00			4590.00	20.00 Bottom Of Top Packer
Packer	4.00			4594.00	
Stubb	1.00			4595.00	
Recorder	0.00	8675	Inside	4595.00	
Recorder	0.00	8650	Outside	4595.00	
Perforations	14.00			4609.00	
Change Over Sub	0.00			4609.00	
Drill Pipe	0.00			4609.00	
Change Over Sub	0.00			4609.00	
Bullnose	3.00			4612.00	18.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

H&B Petroleum Corp

5-19s-31w Scott,KS

PO Box 277
Elinwood, KS 67526

Daubert #1

Job Ticket: 52957

DST#: 6

ATTN: Jim Musgrove

Test Start: 2013.08.15 @ 18:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	clean oil	0.070
35.00	ocm 5%O 95%M	0.491

Total Length: 40.00 ft Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API 29 @ 70 F = 28

Serial #: 8675

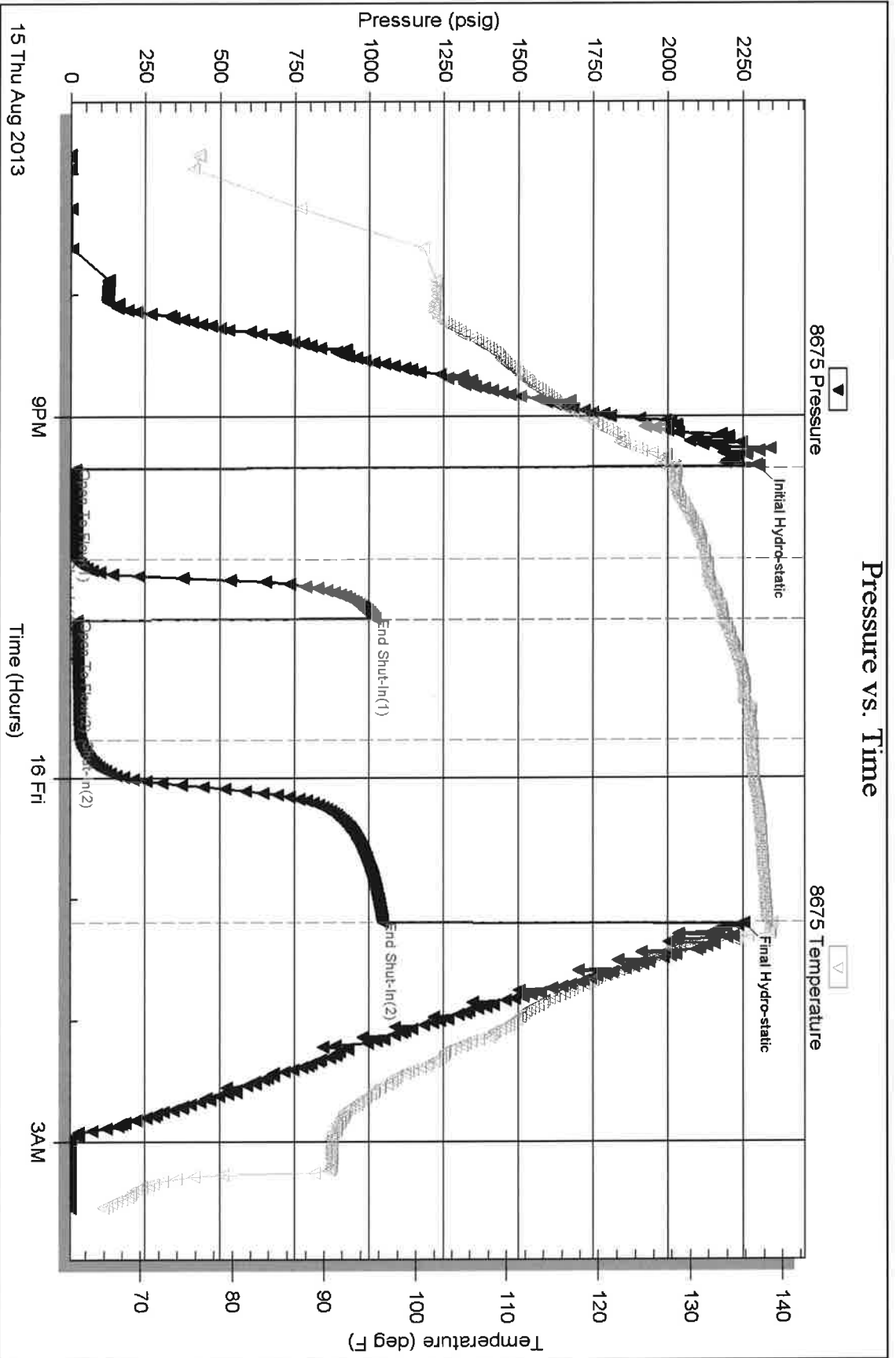
Inside

H&B Petroleum Corp

Daubert #1

DST Test Number: 6

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 52957

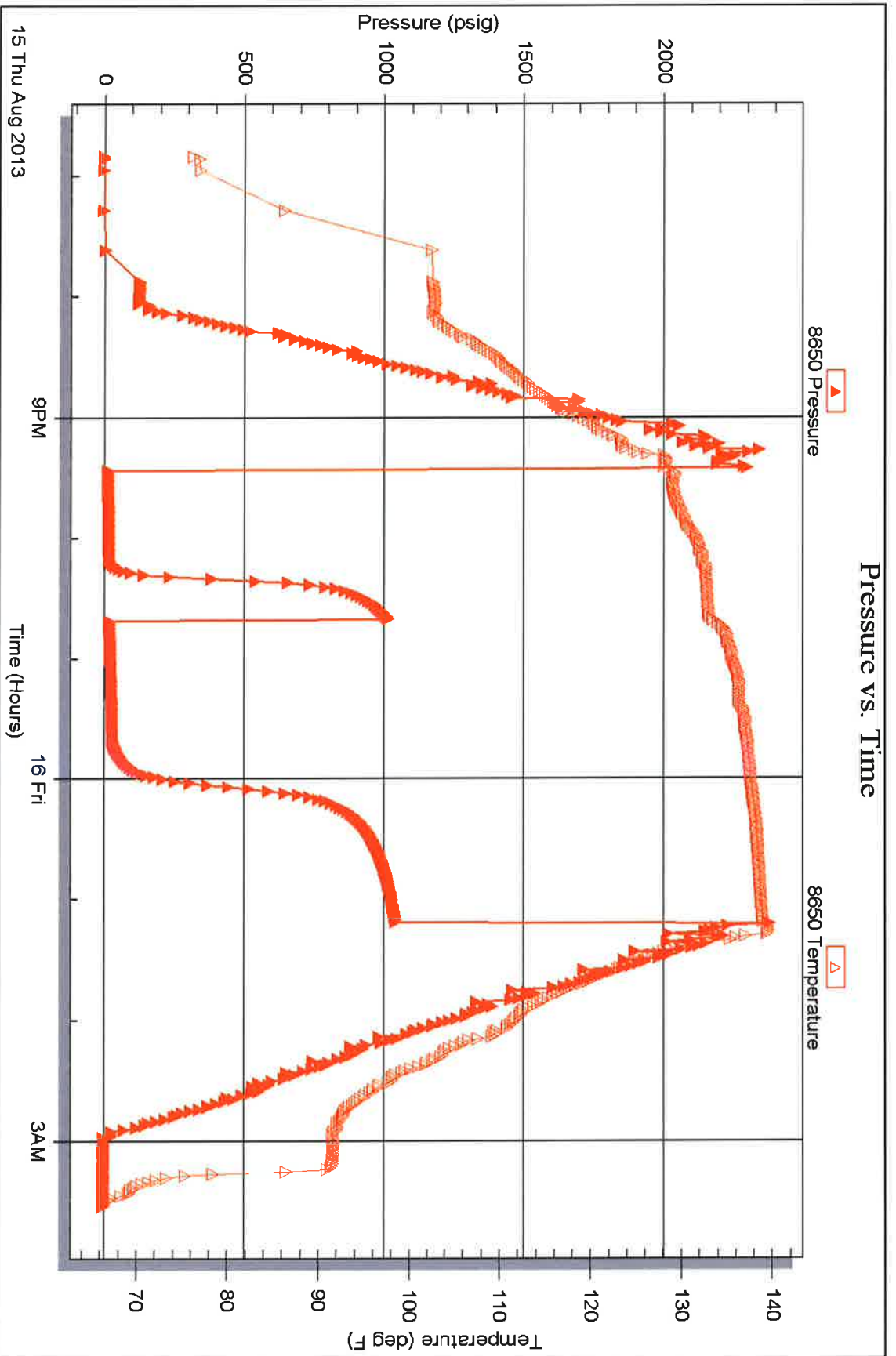
Printed: 2013.08.16 @ 13:24:32

Serial #: 8650

Outside H&B Petroleum Corp

Daubert #1

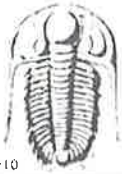
DST Test Number: 6



Triobite Testing, Inc

Ref. No: 52957

Printed: 2013.08.16 @ 13:24:32



TRILOBITE TESTING INC.

1515 Commerce Parkway - Hays, Kansas 67601

Test Ticket

NO. 53195

Well Name & No.	Daubert #1		Test No.	1	Date	8-6-13
Company	H & B Petroleum Corp		Elevation	2980	KB	2870
Address	P.O. Box 277 Ellinwood, KS 67526					
Co. Rep / Geo.	Jim Musgrove		Rig	South Wind	70	
Location: Sec.	5	Twp.	19	Rge.	31	Co. 500th State KS


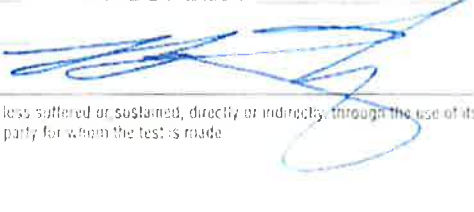
Interval Tested	4165	4222	Zone Tested	H-I
Anchor Length		57	Drill Pipe Run	4161
Top Packer Depth		4160	Drill Collars Run	—
Bottom Packer Depth		4165	Wt. Pipe Run	—
Total Depth		4222	Chlorides	800 ppm System
Blow Description	IF: 1/4 blow died in 1/2 min. IS: No return. FF: No return , blow. FS: No return.			

Rec	8	Feet of	mud oil spots	%gas	%oil	%water	100	%mud
Rec		Feet of		%gas	%oil	%water		%mud
Rec		Feet of		%gas	%oil	%water		%mud
Rec		Feet of		%gas	%oil	%water		%mud
Rec		Feet of		%gas	%oil	%water		%mud

Rec Total	8	BHT	125	Gravily	—	API RW	—	@	—	F Chlorides	—	ppm
-----------	---	-----	-----	---------	---	--------	---	---	---	-------------	---	-----

(A) Initial Hydrostatic	2125	<input checked="" type="checkbox"/> Test	1250	T-On Location	9:40
(B) First Initial Flow	14	<input type="checkbox"/> Jars		T-Started	11:03
(C) First Final Flow	16	<input type="checkbox"/> Safety Joint		T-Open	12:42
(D) Initial Shut-In	526	<input checked="" type="checkbox"/> Circ Sub	NIL	T-Pulled	14:02
(E) Second Initial Flow	15	<input type="checkbox"/> Hourly Standby		T-Out	15:45
(F) Second Final Flow	17	<input checked="" type="checkbox"/> Mileage	30 22rt 34.10	Comments	Hole in c9+ work
(G) Final Shut-In	449	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	2002	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	

Initial Open	20	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	20	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	20	<input type="checkbox"/> Extra Recorder		Sub Total	0
Final Shut-In	20	<input type="checkbox"/> Day Standby		Total	1284.10
		<input checked="" type="checkbox"/> Accessibility	150.00	MP/DST Disc't	
		Sub Total	1284.10		

Approved By  Our Representative 

TriLOBITE Testing Inc. shall not be liable for damage of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53196

Well Name & No. <u>Daubert #1</u>	Test No. <u>2</u>	Date <u>8-6-13</u>
Company <u>HJB Petroleum</u>	Elevation <u>2980</u>	KB <u>2970</u> GL
Address _____		
Co. Rep / Geo. <u>Jim Musgrove</u>	Rig <u>Southwind 70</u>	
Location: Sec <u>5</u> Twp. <u>19</u> Rge <u>31</u>	Co <u>Scott</u>	State <u>KS</u>

Interval Tested <u>4214</u>	<u>4246</u>	Zone Tested <u>J</u>
Anchor Length _____	<u>32</u>	Drill Pipe Run _____
Top Packer Depth _____	<u>4209</u>	Drill Collars Run _____
Bottom Packer Depth _____	<u>4214</u>	Wt. Pipe Run _____
Total Depth _____	<u>4246</u>	Chlorides <u>2000</u> ppm System
Blow Description <u>IF: 1/4 blow built to 4,</u>		Mud Wt. <u>9.3</u>
<u>IS: No return,</u>		Vis <u>57</u>
<u>FF: surface blow built to 6,</u>		WL <u>8.0</u>
<u>FS: No return,</u>		LCM <u>6</u>

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Free oil</u>	<u>100</u>			
<u>67</u>	<u>OCM</u>	<u>40</u>		<u>60</u>	
	<u>93 GFP</u>				

Rec Total <u>77</u>	BHT <u>130</u>	Gravity _____	API RW _____ @ _____	F Chlorides _____ ppm
(A) Initial Hydrostatic <u>2097</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>2208</u>		
(B) First Initial Flow <u>13</u>	<input type="checkbox"/> Jars	T-Started <u>22:36</u>		
(C) First Final Flow <u>26</u>	<input type="checkbox"/> Safety Joint	T-Open <u>00:40</u>		
(D) Initial Shut-In <u>450</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>4:25</u>		
(E) Second Initial Flow <u>30</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>6:45</u>		
(F) Second Final Flow <u>43</u>	<input checked="" type="checkbox"/> Mileage <u>30</u> 34.10	Comments _____		
(G) Final Shut-In <u>447</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic <u>2004</u>	<input type="checkbox"/> Straddle			
Initial Open <u>45</u>	<input type="checkbox"/> Shale Packer			
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer			
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder			
Final Shut-In <u>75</u>	<input type="checkbox"/> Day Standby			
	<input checked="" type="checkbox"/> Accessibility <u>150.00</u>			
	Sub Total <u>1284.10</u>			

Approved By _____ Our Representative

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway - Hays, Kansas 67601

Test Ticket

NO. 53197

Well Name & No. Daubert #1 Test No. 3 Date 8-7-13
 Company HdB Petroleum Elevation 2980 KB 2970 GI
 Address _____
 Co. Rep / Geo. Jim Musgrove Rig Southwind 70
 Location: Sec. 5 Twp. 19 Rge. 31 Co. Scott State KS

Interval Tested 4259 4332 Zone Tested K-L
 Anchor Length 73 Drill Pipe Run 4255 Mud Wt. 9.2
 Top Packer Depth 4254 Drill Collars Run — Vis 54
 Bottom Packer Depth 4259 Wt. Pipe Run — WL 8.2
 Total Depth 4332 Chlorides 2000 ppm System LCM 8
 Blow Description IF: 1/4 blow built to 5,
IS: No return.
FF: Surface blow built to 9,
FS:

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>Free oil</u>		<u>100</u>		
<u>37</u>	<u>OCM</u>		<u>10</u>		<u>90</u>
	<u>186 GIP</u>				

Rec Total 67 BHT 128 Gravity — API RW — @ — F Chlorides — ppm
 (A) Initial Hydrostatic 2121 Test 1250 T-On Location 18:00
 (B) First Initial Flow 16 Jars T-Started 18:15
 (C) First Final Flow 23 Safety Joint T-Open 20:00
 (D) Initial Shut-In 345 Circ Sub T-Pulled 23:15
 (E) Second Initial Flow 22 Hourly Standby T-Out 8:45 8/9/13
 (F) Second Final Flow 36 Mileage 30x7 68.20 Comments Rig W95 down
 (G) Final Shut-In 444 Sampler left rig at 3pm
 (H) Final Hydrostatic 2041 Straddle on the 8-8-13
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Initial Open 30 Shale Packer
 Initial Shut-In 30 Extra Packer
 Final Flow 60 Day Standby 1 1/2 1d 5.75h Sub Total 800
 Final Shut-In 75 Accessibility 150.00 Total 2118.20
 Sub Total 1318.20 MP/DST Disc't

Approved By [Signature] Our Representative [Signature]
 TriLOBITE TESTING Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52955

Well Name & No.	Daubert # 1		Test No.	4	Date	8/14/13
Company	H+B Petroleum Corp.		Elevation	2980	KB	2970
Address	PO Box 277 Ellinwood, KS			67526		
Co. Rep / Geo.	Jim Musgrove		Rig	Southwind Rig 20		
Location: Sec.	5	Twp.	19S	Rge	3W	Co. Scott
						State KS

Interval Tested	4338-4425	Zone Tested	Marmaton
Anchor Length	87	Drill Pipe Run	4349.62
Top Packer Depth	4334	Drill Collars Run	
Bottom Packer Depth	4338	Wt. Pipe Run	
Total Depth	4425	Chlorides	2,000 ppm System
			LCM 5#

Blow Description Built to 3" below
 No return below
 Built to 3/4" below
 No return below

Rec	Feet of	%gas	%oil	%water	%mud
0	80' Gas In Pipe				
39	Mud with oil scum				106
1	Clean oil.				

Rec Total 40 BHT 129 Gravity _____ API RW _____ @ _____ F Chlorides _____ ppm

(A) Initial Hydrostatic	2,158	<input checked="" type="checkbox"/> Test	1250	T-On Location	03:00
(B) First Initial Flow	17	<input type="checkbox"/> Jars		T-Started	04:40
(C) First Final Flow	24	<input type="checkbox"/> Safety Joint		T-Open	06:39
(D) Initial Shut-In	570	<input checked="" type="checkbox"/> Circ Sub		T-Pulled	09:39
(E) Second Initial Flow	33	<input type="checkbox"/> Hourly Standby		T-Out	11:10
(F) Second Final Flow	35	<input checked="" type="checkbox"/> Mileage	22 RT 34.10	Comments	excess because hole in catwalk, wonder why we are getting hurt ankles
(G) Final Shut-In	265	<input type="checkbox"/> Sampler		<input type="checkbox"/> Ruined Shale Packer	
(H) Final Hydrostatic	2,107	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Packer	

Initial Open	30	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Extra Copies	
Initial Shut-In	45	<input type="checkbox"/> Extra Packer		Sub Total	0
Final Flow	45	<input type="checkbox"/> Extra Recorder		Total	1284.10
Final Shut-In	60	<input type="checkbox"/> Day Standby		MP/DST Disc't	
		<input checked="" type="checkbox"/> Accessibility			
		Sub Total	1284.10		

Approved By _____ Our Representative *[Signature]*
 TriLOBITE Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52956

Well Name & No.	Daylect # 1		Test No.	5	Date	8/15/13
Company	H & B Petroleum Corp.		Elevation	2980	KB	2970
Address	PO Box 277 Ellinwood, KS 67526					
Co. Rep / Geo.	Jim Musgrove		Rig	Southwind Rig 70		
Location Sec.	5	Twp.	19s	Rge.	31w	Co. Scott Co. State KS

Interval Tested	4422-4550	Zone Tested	Pawnee - Johnson		
Anchor Length	128	Drill Pipe Run	4411.47	Mud Wt.	9.1
Top Packer Depth	4438	Drill Collars Run		Vis	5.2
Bottom Packer Depth	4422	Wt. Pipe Run		WL	9.2
Total Depth	4550	Chlorides	3000	ppm System	LCM 5.5

Blow Description: Built to 1" below, died to 1/2" in 30 mins
 No return below
 No below
 No return below

Rec	Feet of	%gas	%oil	%water	%mud
8	Mud with few oil spots			100	

Rec Total	8	BHT	128	Gravity		API RW		@		Chlorides		ppm
(A) Initial Hydrostatic		2,228		<input checked="" type="checkbox"/> Test	1250					T-On Location	02:30	
(B) First Initial Flow		18		<input type="checkbox"/> Jars						T-Started	01:30	
(C) First Final Flow		21		<input type="checkbox"/> Safety Joint						T-Open	03:48	
(D) Initial Shut-In		68		<input checked="" type="checkbox"/> Circ Sub	n/c					T-Pulled	06:48	
(E) Second Initial Flow		20		<input type="checkbox"/> Hourly Standby						T-Out	08:18	
(F) Second Final Flow		21		<input checked="" type="checkbox"/> Mileage	22 RT	34.10				Comments		
(G) Final Shut-In		50		<input type="checkbox"/> Sampler								
(H) Final Hydrostatic		2,143		<input type="checkbox"/> Straddle						<input type="checkbox"/> Ruined Shale Packer		

Initial Open	30	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	45	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	45	<input type="checkbox"/> Extra Recorder		Sub Total	0
Final Shut-In	60	<input type="checkbox"/> Day Standby		Total	1284.10
		<input checked="" type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	1284.10		

Approved By _____

Our Representative _____

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52957

Well Name & No.	Daukeert #1		Test No.	6	Date	8/15/13			
Company	H+B Petroleum Corp.		Elevation	2480	KB	2970			
Address	PO Box 277 Ellinwood, KS 67526					GI			
Co. Rep / Geo.	Jim Musgrave		Rig	Geothwind Rig 70					
Location: Sec.	5	Twp	19S	Rge	31W	Co	Scott County	State	KS

Interval Tested	4594 - 4612	Zone Tested	Miss
Anchor Length	18	Drill Pipe Run	
Top Packer Depth	4590	Drill Collars Run	
Bottom Packer Depth	4594	Wt. Pipe Run	
Total Depth	4612	Chlorides	3000 ppm System
Blow Description	Built to 2" below No return below Built to 2" below No return below		

Rec	Feet of	%gas	%oil	%water	%mud
5	Clean Cut	100			
35	OCM	5			95
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total	40	BHT	138	Gravily	28	API RW	@	F Chlorides	ppm
(A) Initial Hydrostatic	2,301	<input checked="" type="checkbox"/> Test	1250	T-On Location	18:00				
(B) First Initial Flow	19	<input type="checkbox"/> Jars		T-Started	18:50				
(C) First Final Flow	22	<input type="checkbox"/> Safety Joint		T-Open	21:26				
(D) Initial Shut-In	1,017	<input checked="" type="checkbox"/> Circ Sub	N/C	T-Pulled	01:11				
(E) Second Initial Flow	25	<input type="checkbox"/> Hourly Standby		T-Out	03:33				
(F) Second Final Flow	33	<input checked="" type="checkbox"/> Mileage	22 RT 34.10	Comments					
(G) Final Shut In	1,046	<input type="checkbox"/> Sampler		<input type="checkbox"/> Ruined Shale Packer					
(H) Final Hydrostatic	2,254	<input type="checkbox"/> Straddle		<input checked="" type="checkbox"/> Ruined Packer	320				
Initial Open	45	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Extra Copies					
Initial Shut-In	30	<input type="checkbox"/> Extra Packer		Sub Total	0				
Final Flow	60	<input type="checkbox"/> Extra Recorder		Total	1604.10				
Final Shut In	90	<input type="checkbox"/> Day Standby		MP/DST Disc't					
		<input checked="" type="checkbox"/> Accessibility							
		Sub Total	1284.10						

Approved By _____ Our Representative

TriLOBITE Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinions concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.