

1194199

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
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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
<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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Barracuda Operating Company
Well Name	Hinnergardt A 2
Doc ID	1194199

Tops

Name	Top	Datum
Heebner	3750	-1490
Toronto	3767	-1507
Lansing	3785	-1525
Base Kansas City	4125	-1865
Pawnee	4217	-1957
Fort Scott	4286	-2026
Cherokee Shale	4304	-2044
Mississippian	4379	-2119
Miss. Osage	4387	-2127
RTD	4396	-2136

ALLIED OIL & GAS SERVICES, LLC 061838

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Great Bend, KS

DATE <u>1-7-14</u>	SEC. <u>20</u>	TWP. <u>19s</u>	RANGE <u>21w</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30 AM</u>	JOB FINISH <u>9:30 PM</u>
LEASE <u>Hinnegard</u> WELL # <u>2</u>			LOCATION <u>Baraca DDRJ 5s 2E</u>			COUNTY <u>Mass</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>			Van <u>what</u>				

CONTRACTOR HJ Drilling #2
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D.
CASING SIZE 5 5/8 DEPTH 242.03
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH
TOOL DEPTH
PRES. MAX DEPTH
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15 FT
PERFS.
DISPLACEMENT 14,416 bbls Freshwater

OWNER
CEMENT
AMOUNT ORDERED 160 STS Class A
34cc 24-gal
COMMON 160 @ 17.90 2.864⁹⁰
POZMIX @
GEL 3 @ 23.40 70.20
CHLORIDE 451 @ .80 360.80
ASC @
HANDLING 173 @ 2.48 429.04
MILEAGE 7.89 X 194 2.60 389.76
TOTAL 4.113⁸⁰

EQUIPMENT
PUMP TRUCK CEMENTER Dustin Chambers
366 HELPER Ben Newell
BULK TRUCK
610-170 DRIVER JWS CJ Guest
BULK TRUCK
DRIVER

REMARKS:
Pump 5 bbls Freshwater Ahead
Mix 160 STS cement
Displace 14,416 bbls Freshwater
& shut in
Cement did circulate
plug down 9:00 PM
Plug Down
Circulated

CHARGE TO: Baracuda Operating
STREET
CITY STATE ZIP

SERVICE
DEPTH OF JOB 242
PUMP TRUCK CHARGE 1512.35
EXTRA FOOTAGE @
MILEAGE HUM 19 @ 7.70 146.30
MANIFOLD @
HUM 19 @ 4.40 83.60
TOTAL 1.742¹⁵

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 X STEVEN CRAIG
SIGNATURE X Steven Craig
Thank You!!

SALES TAX (If Any)
TOTAL CHARGES 5,855.95
DISCOUNT 1,171.19 IF PAID IN 30 DAYS
4,684.76

ALLIED OIL & GAS SERVICES, LLC 062665

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Grat Bend

DATE <u>2-22-14</u>	SEC. <u>20</u>	TWP. <u>19s</u>	RANGE <u>21w</u>	CALLED OUT	ON LOCATION	JOB START <u>1pm</u>	JOB FINISH <u>2pm</u>
LEASE <u>Hinnergawdt</u>	WELL# <u>2</u>	LOCATION <u>Bazine, Sect 4, 2 East, 14 North</u>			COUNTY <u>NCS</u>	STATE <u>TX</u>	
OLD OR NEW (Circle one)			<u>West into</u>				

CONTRACTOR <u>HZ Plair</u>		OWNER
TYPE OF JOB <u>Port Collar</u>		
HOLE SIZE	T.D.	CEMENT
CASING SIZE <u>5 1/2</u>	DEPTH	AMOUNT ORDERED <u>225 SKS 60/40</u>
TUBING SIZE <u>2 3/8</u>	DEPTH	<u>582561 1/4 # 10</u>
DRILL PIPE	DEPTH	
TOOL <u>Port collar</u>	DEPTH <u>1489 FT</u>	
PRES. MAX	MINIMUM	
MEAS. LINE	SHOE JOINT	
CEMENT LEFT IN CSG.		
PERFS.		
DISPLACEMENT <u>5 bbl forward</u>		
EQUIPMENT		
<u>Tim Dickson</u>		
PUMP TRUCK # <u>366</u>	CEMENTER <u>Josh Sacc</u>	
BULK TRUCK # <u>610-170</u>	HELPER <u>Ben Maxwell</u>	
BULK TRUCK #	DRIVER <u>Brian Lang</u>	
BULK TRUCK #	DRIVER	

COMMON	<u>135</u>	@ <u>17.90</u>	<u>2,416.50</u>
POZMIX	<u>90</u>	@ <u>9.35</u>	<u>841.50</u>
GEL	<u>16</u>	@ <u>23.40</u>	<u>374.40</u>
CHLORIDE		@	
ASC		@	
	<u>10 seal 57</u>	@ <u>2.97</u>	<u>169.29</u>
	<u>2 SKS sand</u>	@ <u>14.40</u>	<u>28.80</u>
		@	
		@	
		@	
		@	
HANDLING	<u>255.46</u>	@ <u>2.48</u>	<u>633.54</u>
MILEAGE	<u>10.50 x 20 x</u>	<u>2.60</u>	<u>546.18</u>
TOTAL			<u>5010.21</u>

REMARKS:

On location - Rig up - had safety meeting
Run 2 3/8 tubing - Land hole 4,366l Salt water
Pressure Backside 1000 psi
Spot sand pump 3120 ft - Displaced to 16 bbl saltwater
Open Tool & pump 80 bbl Rin mud
Mix 225 SKS 60/40 sand 1/4 # 10
Displace 5 bbl fresh water
Pressure Backside 1000 psi
Close Tool & cement casing - 55 bbl forward

CHARGE TO: Barracuda

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE	<u>2213.75</u>	
EXTRA FOOTAGE	@	
MILEAGE	<u>Hum 20</u>	@ <u>7.70</u> <u>154.00</u>
MANIFOLD	@	
	<u>Hum 20</u>	@ <u>4.40</u> <u>88.00</u>
	@	
TOTAL <u>2,455.75</u>		

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL _____		

To: Allied Oil & Gas Services, LLC.
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PRINTED NAME [Signature]

SIGNATURE [Signature]

Thank you!!

SALES TAX (If Any) _____

TOTAL CHARGES 7,465.96

DISCOUNT 1,493.19

IF PAID IN 30 DAYS

5,972.77

JOB LOG

SWIFT Services, Inc.

CUSTOMER
BARACUDA OPERATING CO.

WELL NO.

LEASE
HINNERGARD # 2

JOB TYPE

5 1/2" LONG STRING

DATE **4/5/14** PAGE NO.

TICKET NO. **26053**

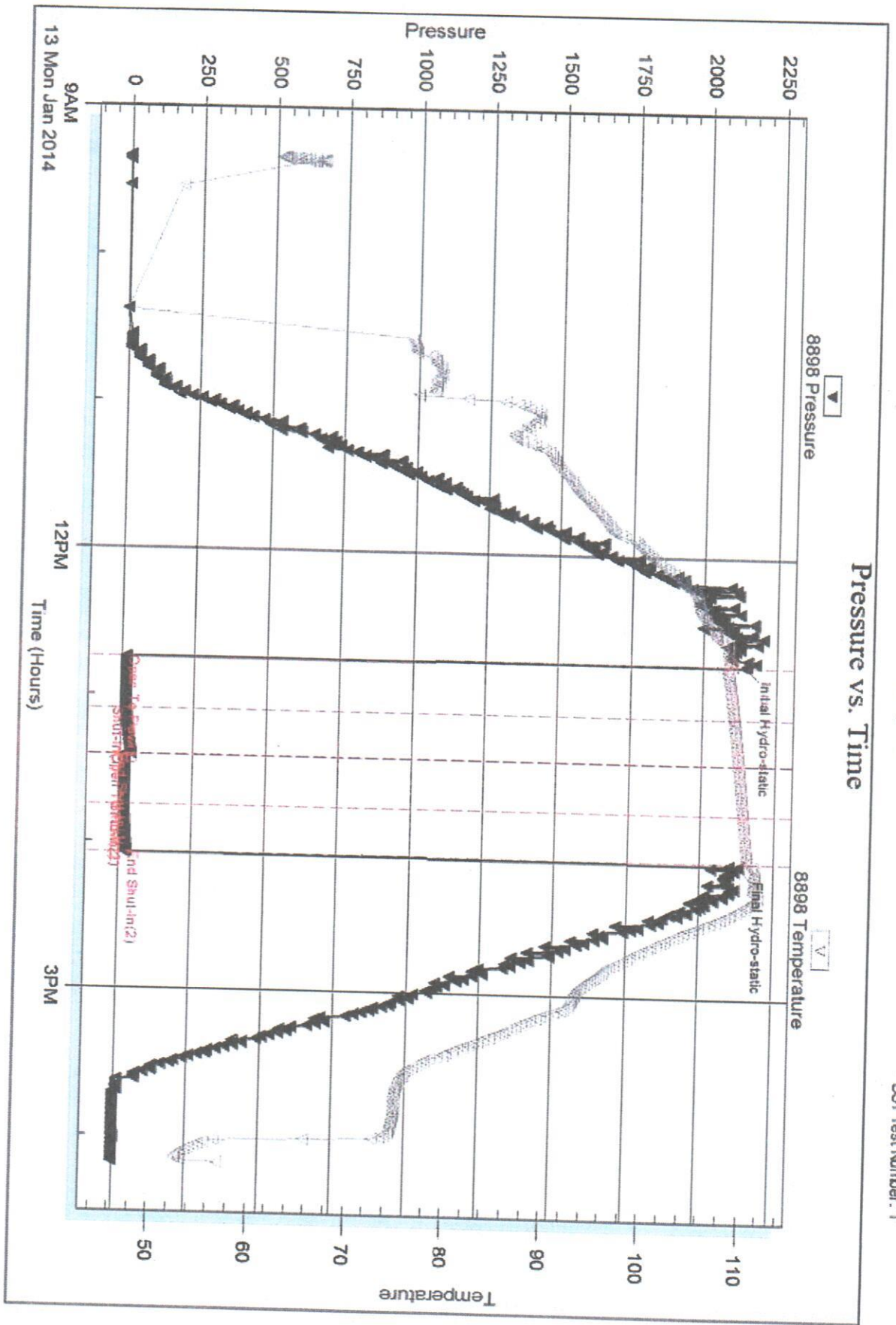
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2300							ON LOCATION
	0215							START PIPE 5 1/2" - 15.5' RTD @ 4396 SET @ 4388 ST - 35.70' CENTRALIZERS 1, 3, 5, 7, 9, 11, 80 BASKETS 2, 81 PORT COLLAR 81 @ 1491
	0516				✓		1100	SET PACKER SHOE - CIRCULATE
	0620	4	12		✓		400	Pump 500 GAL MUD FLUSH
		6	20		✓		400	Pump 20 BBL KCL FLUSH
	0632		7.5					PLUG RH - 30sx - MH - 20sx
	0638	4	42		✓			MIX 175sx EA2
	0654							WASH OUT PUMP & LINES
	0656	6			✓			START DISPLACING PLUG.
	0713	8	103 1/2		✓		1500	PLUG DOWN LATCH PLUG IN.
	0715							RELEASE PSI - DRY
								WASH TRUCK
	0800							JOB COMPLETE.
								THANKS #115
								JASON DAUE JUAN CRAIG

Serial #: 8898

Outside Barracuda Operating Company

Hinnergart #2

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 56037

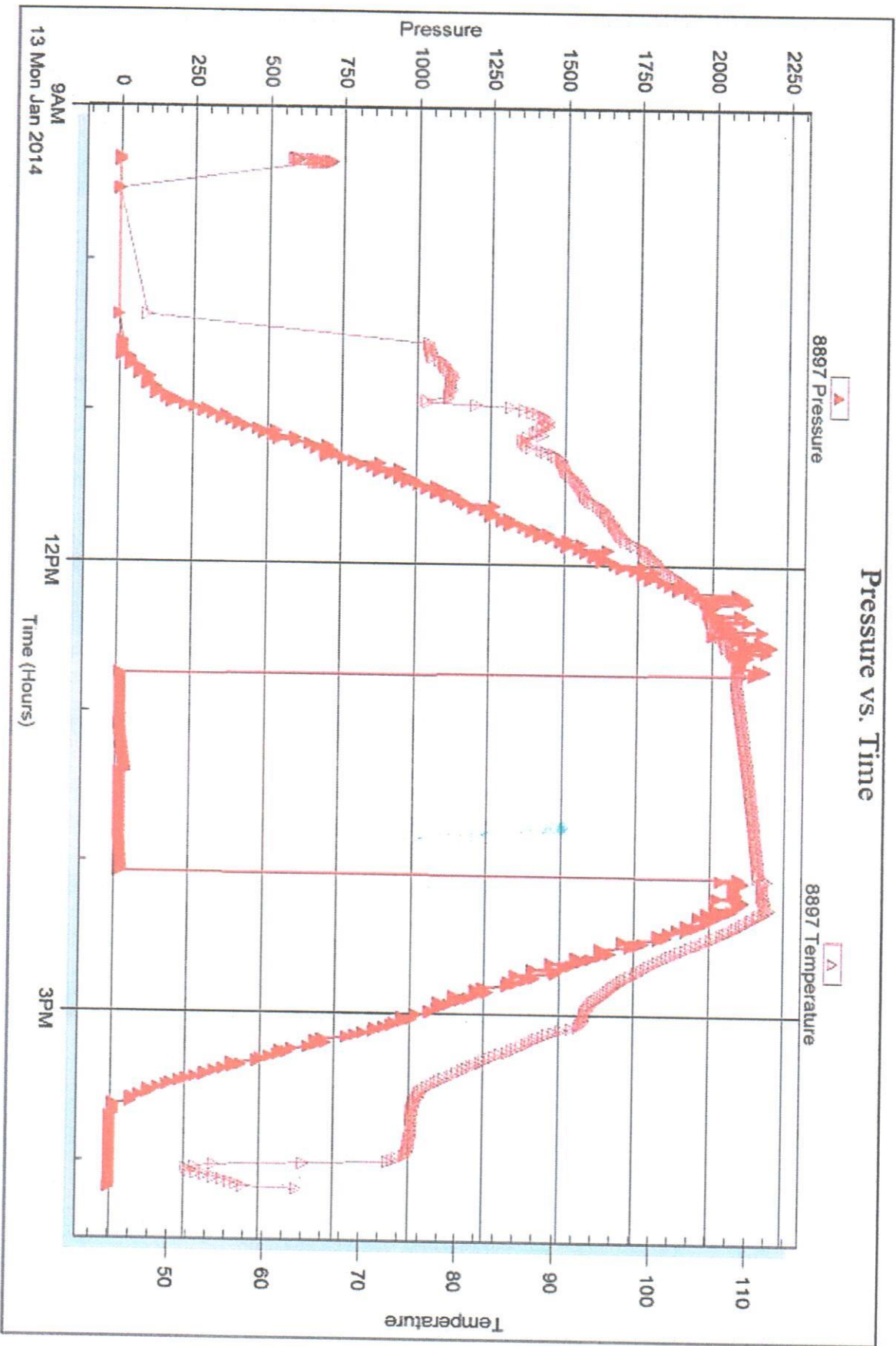
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Inside Barracuda Operating Company

Hinnergar #2

DST Test Number: 1

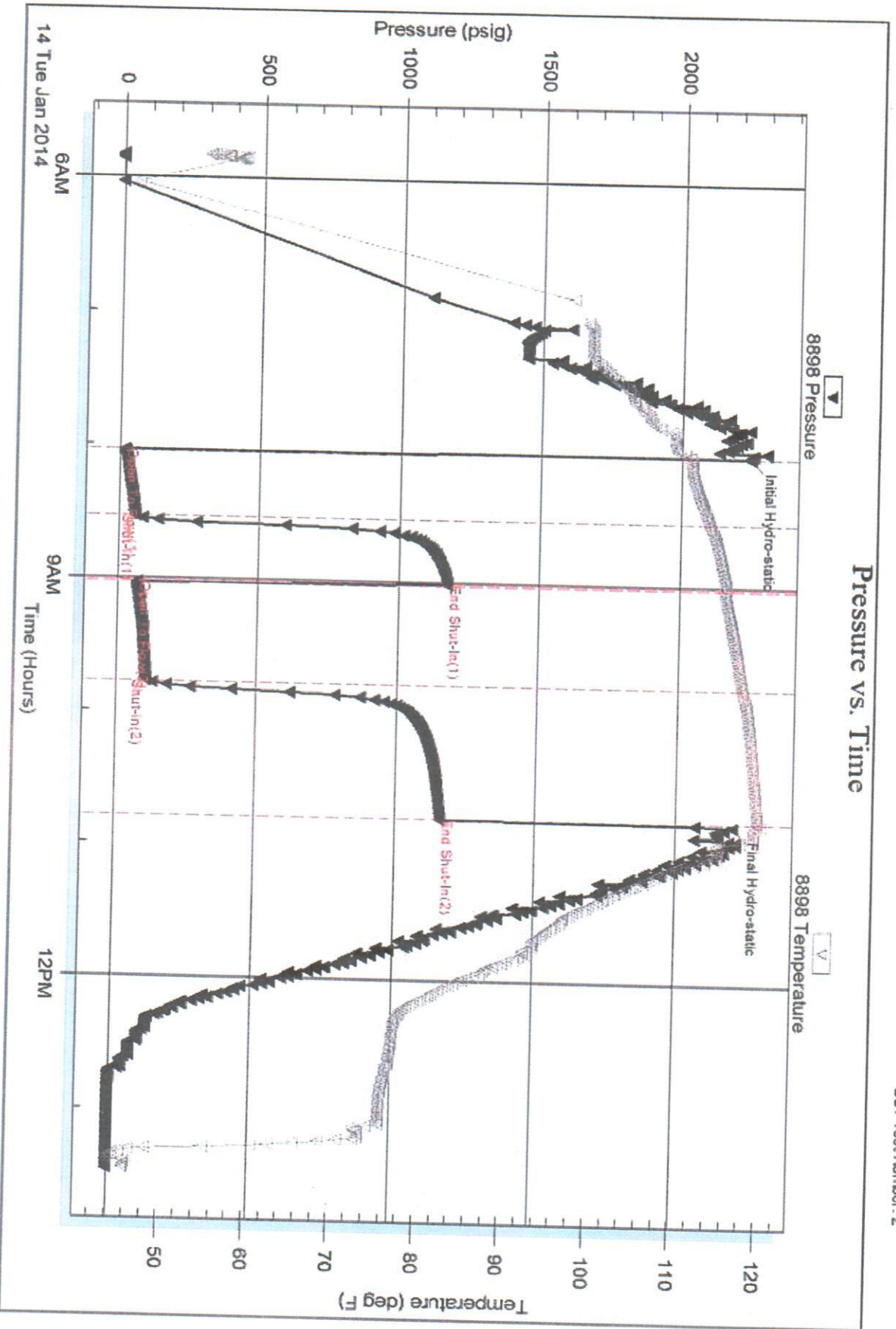


Serial #: 8898

Outside Barracuda Operating Company

Hinnergart #2

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 56038

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Serial #: 8897

Inside

Barracuda Operating Company

Hinnergart #2

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 56038

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