



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1093158
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
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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

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: _____

1093158

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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> _____
---	--

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Norstar Petroleum, Inc.
Well Name	Barrett Family Trust 1-35
Doc ID	1093158

All Electric Logs Run

Dual Induction
Neutron Porosity
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	Norstar Petroleum, Inc.
Well Name	Barrett Family Trust 1-35
Doc ID	1093158

Tops

Name	Top	Datum
Anhydrite	2855	+478
Topeka	4032	-699
Heebner	4176	-843
Toronto	4202	-869
Lansing	4216	-883
Stark Shale	4437	-1104
Pawnee	4632	-1299
Ft. Scott	4660	-1327
Cherokee Shale	4678	-1345
Johnson	4758	-1425
Morrow	4801	-1468
Mississippi	4868	-1535

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/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner

Sam Brownback, Governor

September 10, 2012

Brady Pfeiffer
Norstar Petroleum, Inc.
88 INVERNESS CIR E. Unit F104
ENGLEWOOD, CO 80112

Re: ACO1
API 15-193-20858-00-00
Barrett Family Trust 1-35
SE/4 Sec.35-09S-35W
Thomas 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,
Brady Pfeiffer



ALLIED
CEMENTING CO., LLC
Cementing & Acidizing Services

CEMENTING LOG

STAGE NO.

Date 7-30-12 District Oakley Ticket No. 54455
 Company Asst Rig 6103
 Lease Benet Farm L. Trust Well No. 135
 County Thomas State Ks.
 Location 35-12-34 Field 1 1/2 W Ninto
Pipe City 3N-1 1/4 W 8 N

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner

Size 5 7/8 Type New Weight _____ Collar _____

Casing Depths: Top KB Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 LEAD: Pump Time _____ hrs. Type Com 3 3/4 CC
225 Ggal Excess _____
 Amt. 185 Skys Yield 1.36 ft³/sk Density 15.22 PPG
 TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbbs.

Pump Trucks Used 423-281 T/Ldr
 Bulk Equip. 3471 BRANDOL

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Water Amt. _____ Bbbs. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Jason Hixson

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbs Min.	
<u>6:30</u>						<u>Run casing Break Circulation with Rin Pump</u>
						<u>Hook up to Pump Truck</u>
						<u>mix 185 Skys Cement</u>
						<u>Washup Pump & Lines</u>
				<u>3.0</u>		<u>Displace with Water</u>
<u>7:30</u>				<u>14.51</u>		<u>Cement Did Circulate</u>

Thanks You

OWNER
VORSTAR PETROLEUM

WELL NO.
1-35

LEASE
BARRETT FAMILY TRUST

JOB TYPE
5 1/2" LONGSTRENG

TICKET NO.
21933

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							ON LOCATION
	2200							START 5 1/2" CASING IN Well
								TD-4978 SET 4975
								TP-4979 5 1/2" #14
								ST-33'
								CENTRALIZERS-1,3,6,9,11,13,15,17,19,21,23,25,27,
								CNT BSKTS-19,60 59,61
								PORT COLLAR = 2854' TOP JT #60
	0045							DROP BALL - CIRCULATE ROTATE (TORQUE)
	0200	6	12		✓	500		PUMP 500 GAL MUDFLUSH "
	0202	6	20		✓	500		PUMP 20 BBLs KCL-FLUSH "
	0210		7					PLUG RH (30 SKS)
	0220	5	35		✓	300		MAX CEMENT- 145 SKS EA-2 = 15.4 PPG "
	0230							WASH OUT PUMP - LEVES
	0230							RELEASE LATCH DOWN PLUG
	0232	7	0		✓			DISPLACE PLUG "
		7	110			800		SHUT OFF ROTATING
	0250	6 1/2	120.7			1500		PLUG DOWN - PSE UP LATCH IN PLUG
	0252							OK RELEASE PSE - HEWS
								WASH TRUCK
	0400							JOB COMPLETE

THANK YOU
WAYNE, JOSH B., DOUG H.

COMPANY: Star Petroleum WELL NO.: # 1-35 LEASE: Barrett Family Trust JOB TYPE: Part Collar TICKET NO.: 21738

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							on loc w/ P.C. Tool
								2 3/8 x 5 1/2" P.C. @ 2854
								Start tbg Locate P.C. @ 2853'
	1205						1000	Test Csg Open P.C.
	1210	3.5	4				600	Take inj rate
	1215	4	0				650	Start Cement 325sks SMD
	1250	4	150				900	Shut down / Lost Circ
	1315	3.5	150				700	Continue Cement
	1322	3.5	122				700	Raise weight
	1324	3.5	127/0				550	End Cement Start Displacement
	1327		10					Cement Displaced
	1330							close P.C.
	1335						1000	Test Csg
								Run 5jts
	1345	3	0					Reverse out
	1350		25					Hole Clean
								325sks SMD
								Did not Circulate
								Thank you
								Nick, David E & Isaac



DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum, Inc**

88 Inverness CIR E unit F104
Englewood, CO 80112

ATTN: Bob Elder

Barrett Trust #1-35

35-9s-35w Thomas,KS

Start Date: 2012.08.04 @ 05:01:00

End Date: 2012.08.04 @ 12:17:15

Job Ticket #: 47073 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.08.10 @ 11:25:17

Norstar Petroleum, Inc

35-9s-35w Thomas,KS

Barrett Trust #1-35

DST # 1

Lansing "K"

2012.08.04



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Norstar Petroleum, Inc
 88 Inverness CIR E unit F104
 Englewood, CO 80112
 ATTN: Bob Elder

35-9s-35w Thomas, KS
Barrett Trust #1-35
 Job Ticket: 47073 **DST#: 1**
 Test Start: 2012.08.04 @ 05:01:00

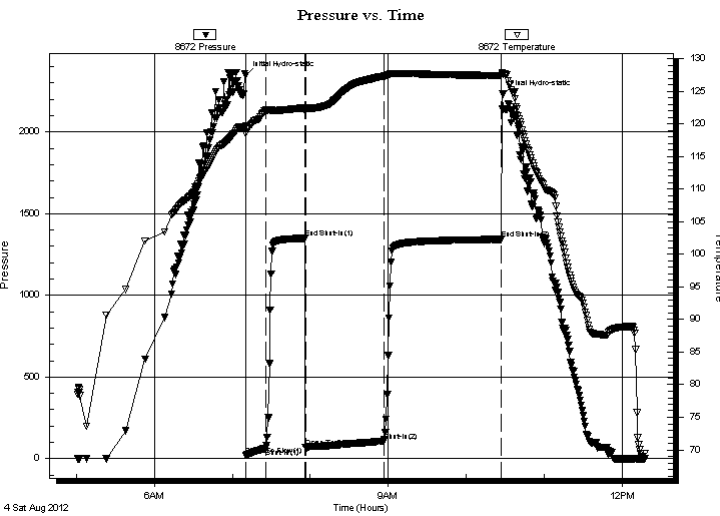
GENERAL INFORMATION:

Formation: **Lansing "K"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 07:10:30
 Tester: Sam Esparza
 Time Test Ended: 12:17:15
 Unit No: 58
 Interval: **4435.00 ft (KB) To 4470.00 ft (KB) (TVD)**
 Reference Elevations: 3333.00 ft (KB)
 Total Depth: 4470.00 ft (KB) (TVD)
 3328.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 5.00 ft

Serial #: 8672 Outside

Press @ RunDepth: 108.88 psig @ 4436.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.04 End Date: 2012.08.04 Last Calib.: 2012.08.04
 Start Time: 05:01:05 End Time: 12:17:14 Time On Btm: 2012.08.04 @ 07:10:15
 Time Off Btm: 2012.08.04 @ 10:28:00

TEST COMMENT: IF: 3" blow.
 IS: No return.
 FF: 8 1/4" blow.
 FS: Weak surface return died @ 45 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2345.66	119.67	Initial Hydro-static
1	19.33	118.55	Open To Flow (1)
16	63.34	122.15	Shut-In(1)
46	1349.76	122.47	End Shut-In(1)
46	69.87	121.95	Open To Flow (2)
107	108.88	127.31	Shut-In(2)
197	1343.43	127.44	End Shut-In(2)
198	2231.66	127.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	GO 15g 85o	0.25
100.00	GOCM 5g 5o 90m	0.72
60.00	GOWCM 5g 5o 20w 70m	0.84
0.00	70' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Norstar Petroleum, Inc
88 Inverness CIR E unit F104
Englewood, CO 80112
ATTN: Bob Elder

35-9s-35w Thomas,KS
Barrett Trust #1-35
Job Ticket: 47073 **DST#: 1**
Test Start: 2012.08.04 @ 05:01:00

GENERAL INFORMATION:

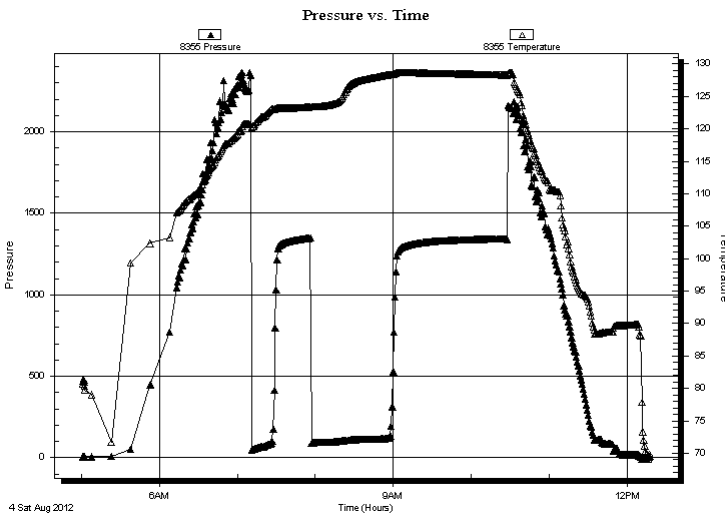
Formation: **Lansing "K"**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 07:10:30 Tester: Sam Esparza
Time Test Ended: 12:17:15 Unit No: 58
Interval: 4435.00 ft (KB) To 4470.00 ft (KB) (TVD) Reference Elevations: 3333.00 ft (KB)
Total Depth: 4470.00 ft (KB) (TVD) 3328.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8355 Inside

Press@RunDepth: psig @ 4436.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.04 End Date: 2012.08.04 Last Calib.: 2012.08.04
Start Time: 05:01:05 End Time: 12:17:44 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 3" blow.
IS: No return.
FF: 8 1/4" blow.
FS: Weak surface return died @ 45 min.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
50.00	GO 15g 85o	0.25
100.00	GOCM 5g 5o 90m	0.72
60.00	GOWCM 5g 5o 20w 70m	0.84
0.00	70' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum, Inc

35-9s-35w Thomas,KS

88 Inverness CIR E unit F104
Englewood, CO 80112

Barrett Trust #1-35

Job Ticket: 47073

DST#: 1

ATTN: Bob Elder

Test Start: 2012.08.04 @ 05:01:00

Tool Information

Drill Pipe:	Length: 4312.00 ft	Diameter: 3.80 inches	Volume: 60.49 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: 20000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 61.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4435.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	63.00 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			4408.00	
Shut In Tool	5.00			4413.00	
Hydraulic tool	5.00			4418.00	
Jars	5.00			4423.00	
Safety Joint	3.00		Fluid	4426.00	
Packer	5.00			4431.00	28.00 Bottom Of Top Packer
Packer	4.00			4435.00	
Stubb	1.00			4436.00	
Recorder	0.00	8355	Inside	4436.00	
Recorder	0.00	8672	Outside	4436.00	
Perforations	31.00			4467.00	
Bullnose	3.00			4470.00	35.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc

35-9s-35w Thomas,KS

88 Inverness CIR E unit F104
Englewood, CO 80112

Barrett Trust #1-35

Job Ticket: 47073

DST#: 1

ATTN: Bob Elder

Test Start: 2012.08.04 @ 05:01:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 13.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 14000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
50.00	GO 15g 85o	0.246
100.00	GOCM 5g 5o 90m	0.720
60.00	GOWCM 5g 5o 20w 70m	0.842
0.00	70' GIP	0.000

Total Length: 210.00 ft Total Volume: 1.808 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

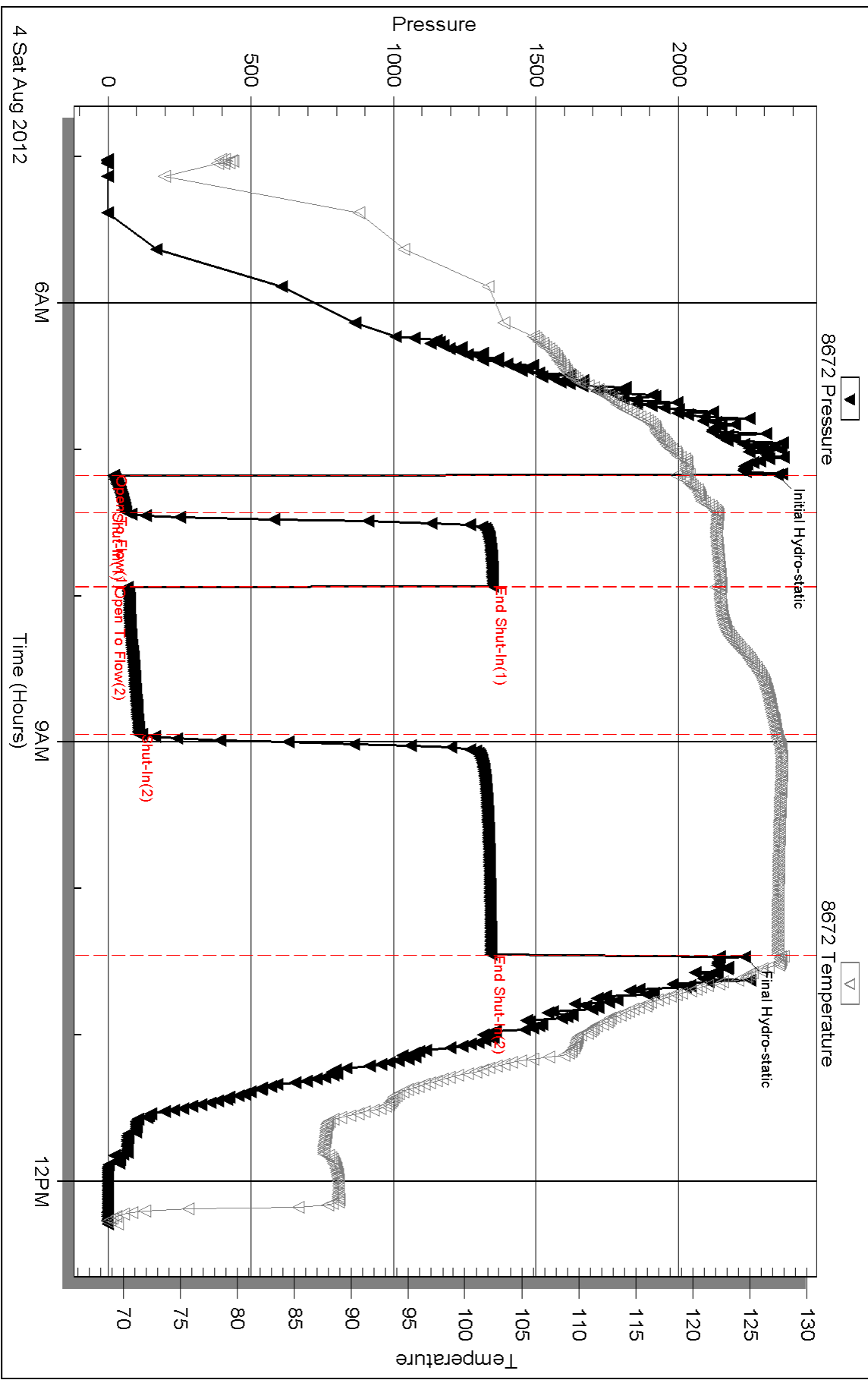
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 35 @ 70 degrees= 34

Pressure vs. Time



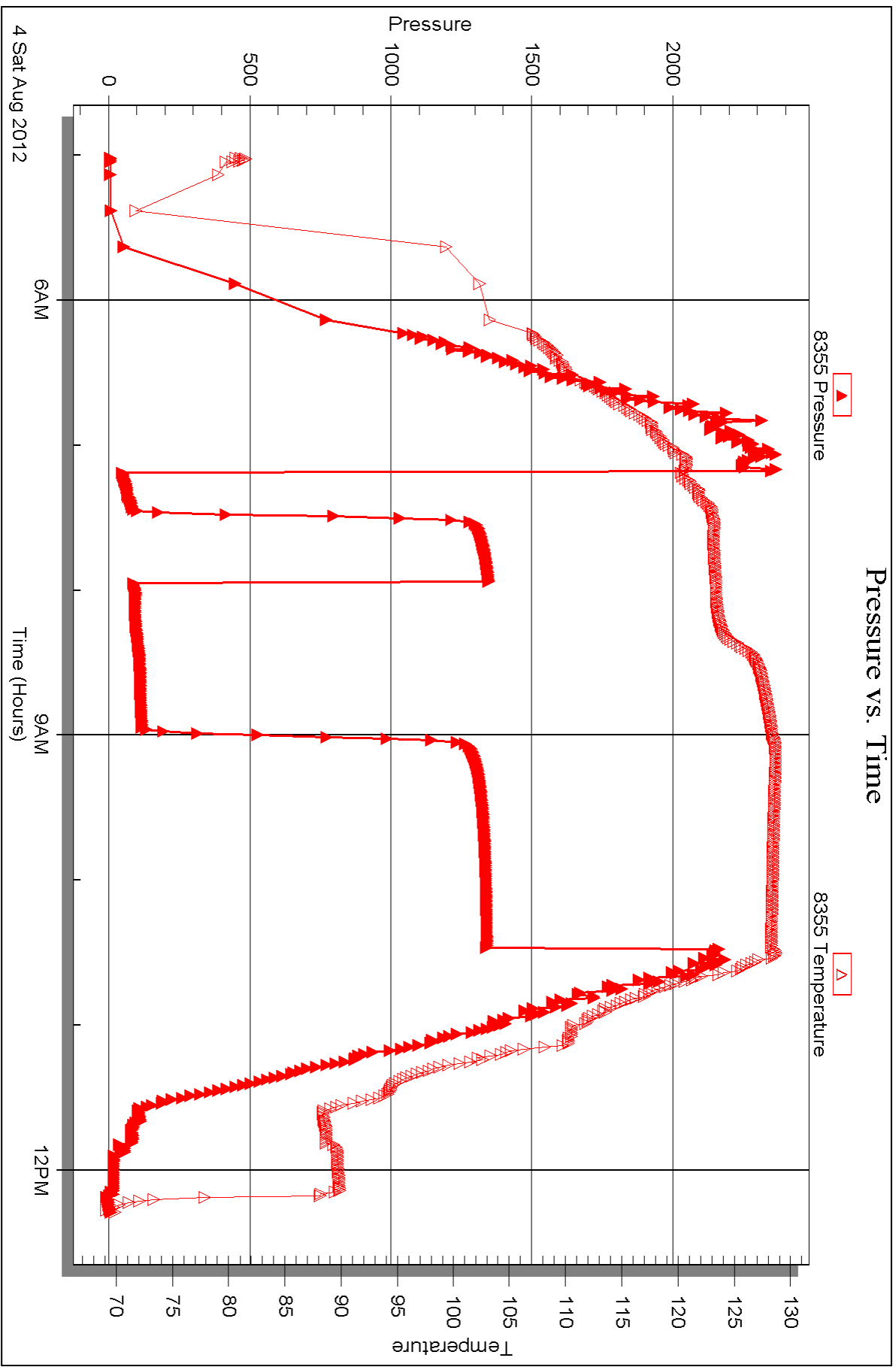
Serial #: 8355

Inside

Norstar Petroleum, Inc

Barrett Trust #1-35

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum, Inc**

88 Inverness CIR E unit F104
Englewood, CO 80112

ATTN: Bob Elder

Barrett Trust #1-35

35-9s-35w Thomas,KS

Start Date: 2012.08.05 @ 10:56:00

End Date: 2012.08.05 @ 16:29:45

Job Ticket #: 47074 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.08.10 @ 11:24:21



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Norstar Petroleum, Inc
 88 Inverness CIR E unit F104
 Englewood, CO 80112
 ATTN: Bob Elder

35-9s-35w Thomas, KS
Barrett Trust #1-35
 Job Ticket: 47074 **DST#: 2**
 Test Start: 2012.08.05 @ 10:56:00

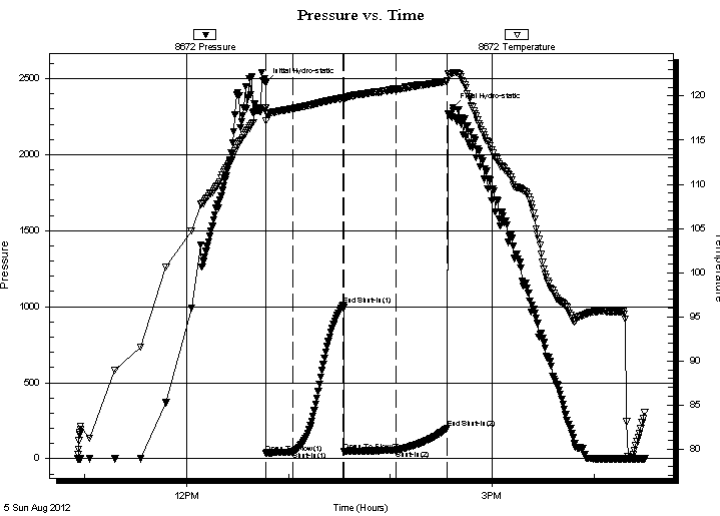
GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:47:00
 Time Test Ended: 16:29:45
 Interval: **4655.00 ft (KB) To 4705.00 ft (KB) (TVD)**
 Total Depth: 4705.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Sam Esparza
 Unit No: 58
 Reference Elevations: 3333.00 ft (KB)
 3328.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8672 Outside

Press @ Run Depth: 56.12 psig @ 4656.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.05 End Date: 2012.08.05 Last Calib.: 2012.08.05
 Start Time: 10:56:05 End Time: 16:29:44 Time On Btm: 2012.08.05 @ 12:46:45
 Time Off Btm: 2012.08.05 @ 14:36:45

TEST COMMENT: IF: Weak surface blow.
 IS: No return.
 FF: No blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2470.67	118.62	Initial Hydro-static
1	37.16	117.20	Open To Flow (1)
16	45.75	118.58	Shut-In(1)
46	1010.44	119.83	End Shut-In(1)
46	49.67	119.47	Open To Flow (2)
77	56.12	120.73	Shut-In(2)
107	202.32	121.70	End Shut-In(2)
110	2308.87	122.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OCM 10o 90m	0.07
60.00	OCM 5o 95m	0.30

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Norstar Petroleum, Inc
88 Inverness CIR E unit F104
Englewood, CO 80112
ATTN: Bob Elder

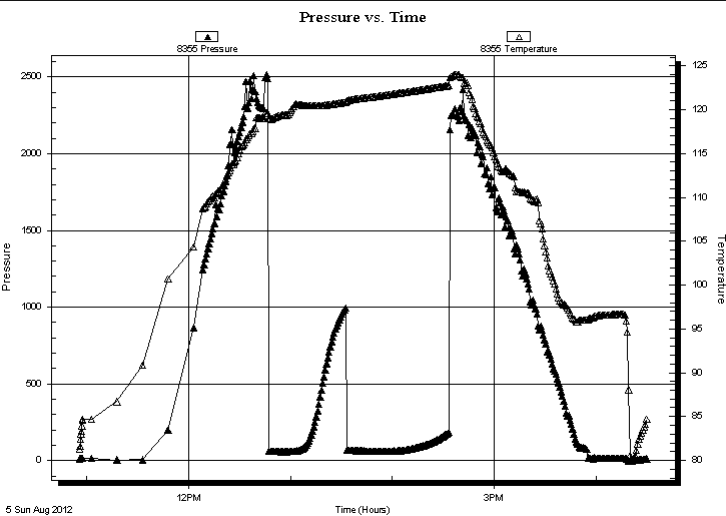
35-9s-35w Thomas, KS
Barrett Trust #1-35
Job Ticket: 47074 **DST#: 2**
Test Start: 2012.08.05 @ 10:56:00

GENERAL INFORMATION:

Formation:	Ft. Scott				
Deviated:	No Whipstock:	ft (KB)		Test Type:	Conventional Bottom Hole (Reset)
Time Tool Opened:	12:47:00			Tester:	Sam Esparza
Time Test Ended:	16:29:45			Unit No:	58
Interval:	4655.00 ft (KB) To 4705.00 ft (KB) (TVD)			Reference Elevations:	3333.00 ft (KB)
Total Depth:	4705.00 ft (KB) (TVD)				3328.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition:		KB to GR/CF:	5.00 ft

Serial #:	8355	Inside			
Press @ Run Depth:	psig @	4656.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2012.08.05	End Date:	2012.08.05	Last Calib.:	2012.08.05
Start Time:	10:56:05	End Time:	16:29:59	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: IF: Weak surface blow.
IS: No return.
FF: No blow.
FS: No return.



5 Sun Aug 2012

PRESSURE SUMMARY

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

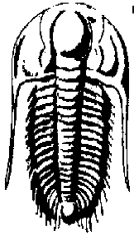
Recovery

Length (ft)	Description	Volume (bbl)
15.00	OCM 10o 90m	0.07
60.00	OCM 5o 95m	0.30

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum, Inc

35-9s-35w Thomas,KS

88 Inverness CIR E unit F104
Englewood, CO 80112

Barrett Trust #1-35

Job Ticket: 47074

DST#: 2

ATTN: Bob Elder

Test Start: 2012.08.05 @ 10:56:00

Tool Information

Drill Pipe:	Length: 4505.00 ft	Diameter: 3.80 inches	Volume: 63.19 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: 20000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 63.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4655.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4628.00	
Shut In Tool	5.00			4633.00	
Hydraulic tool	5.00			4638.00	
Jars	5.00			4643.00	
Safety Joint	3.00		Fluid	4646.00	
Packer	5.00			4651.00	28.00 Bottom Of Top Packer
Packer	4.00			4655.00	
Stubb	1.00			4656.00	
Recorder	0.00	8355	Inside	4656.00	
Recorder	0.00	8672	Outside	4656.00	
Perforations	13.00			4669.00	
Change Over Sub	1.00			4670.00	
Drill Pipe	31.00			4701.00	
Change Over Sub	1.00			4702.00	
Bullnose	3.00			4705.00	50.00 Bottom Packers & Anchor

Total Tool Length: 78.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc

35-9s-35w Thomas,KS

88 Inverness CIR E unit F104
Englewood, CO 80112

Barrett Trust #1-35

Job Ticket: 47074

DST#: 2

ATTN: Bob Elder

Test Start: 2012.08.05 @ 10:56:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	OCM 10o 90m	0.074
60.00	OCM 5o 95m	0.295

Total Length: 75.00 ft Total Volume: 0.369 bbl

Num Fluid Samples: 0

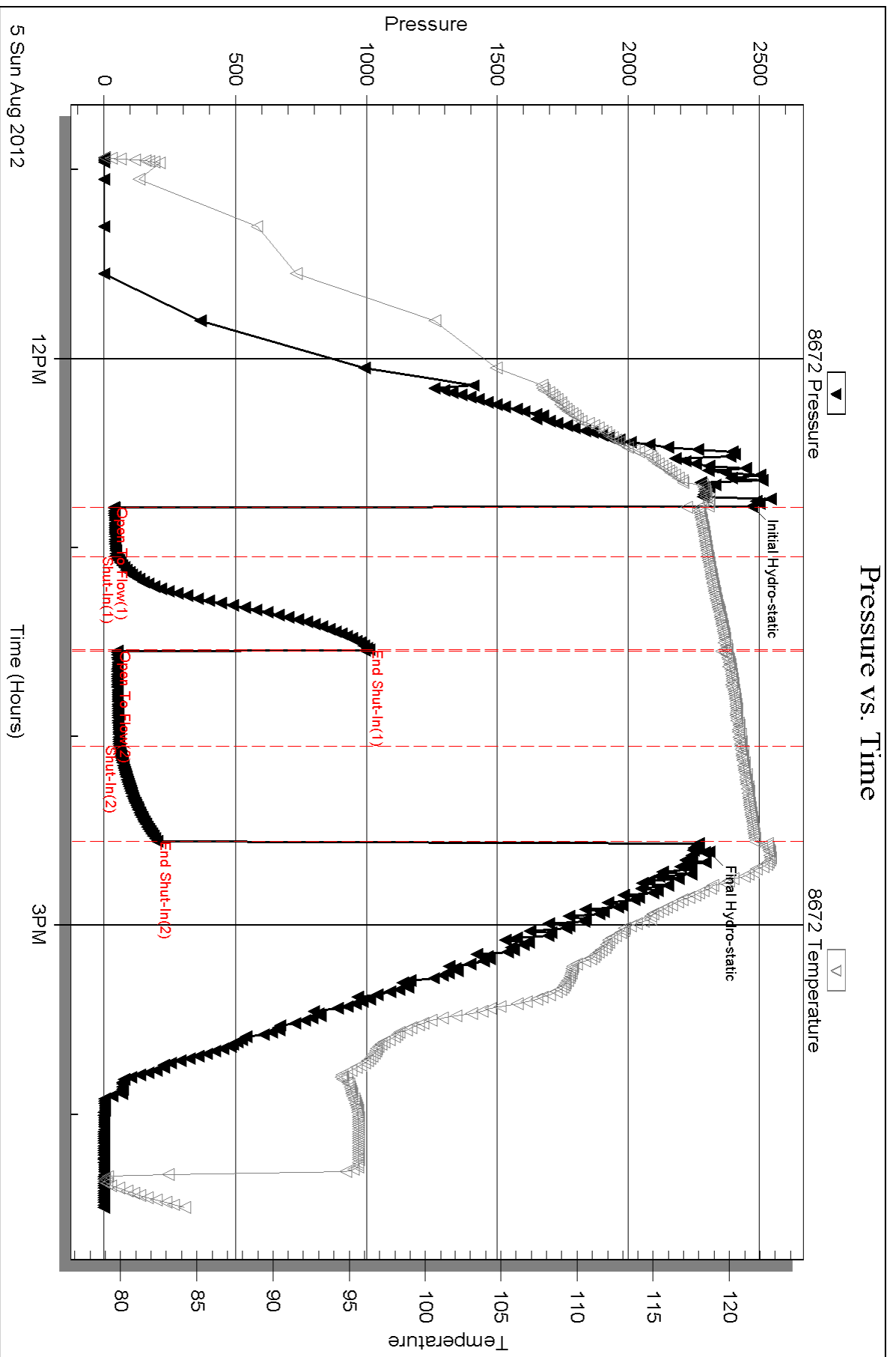
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



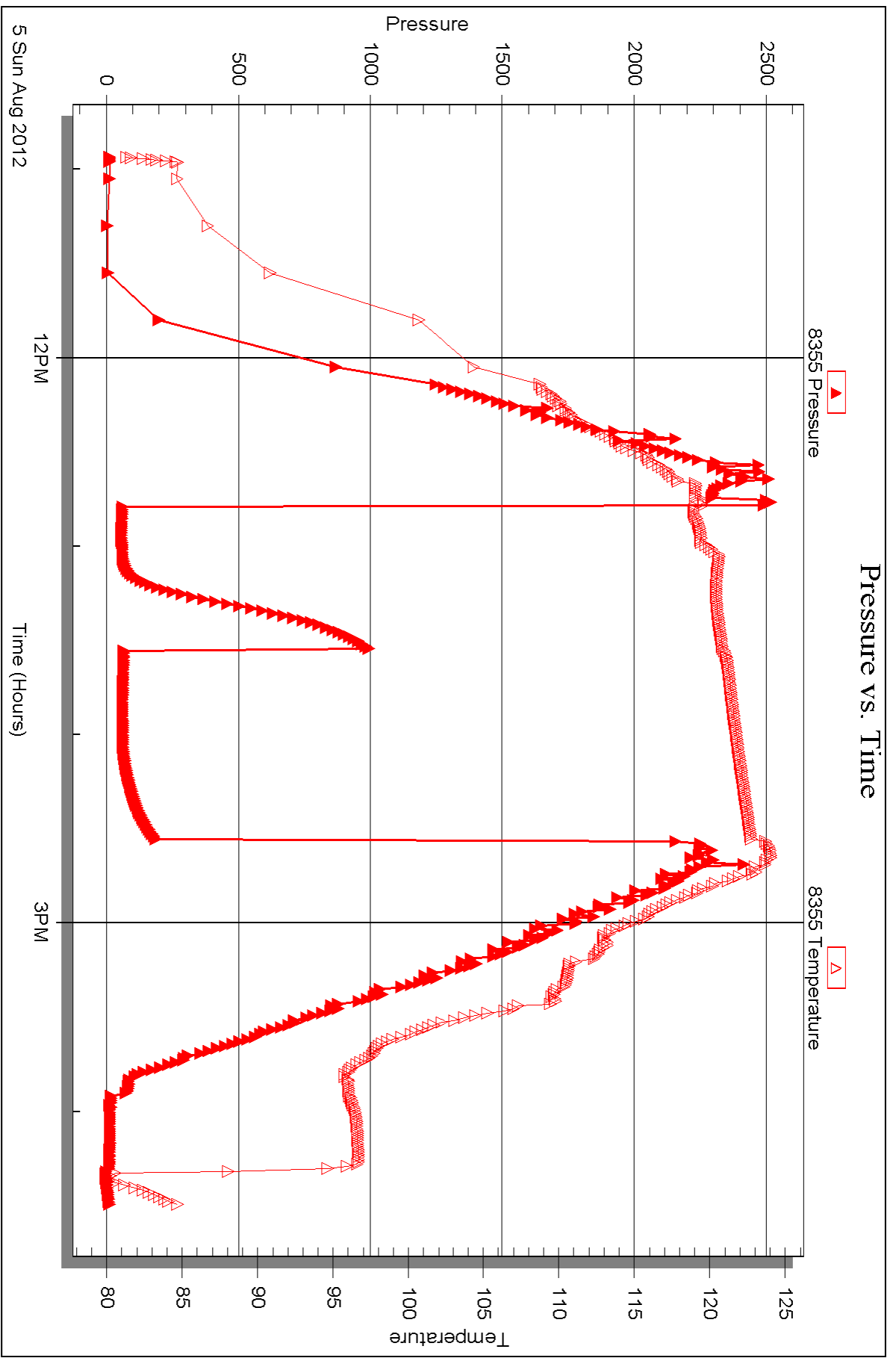
Serial #: 8355

Inside

Norstar Petroleum, Inc

Barrett Trust #1-35

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 47074

Printed: 2012.08.10 @ 11:24:25



DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum, Inc**

88 Inverness CIR E unit F104
Englewood, CO 80112

ATTN: Bob Elder

Barrett Trust #1-35

35-9s-35w Thomas,KS

Start Date: 2012.08.06 @ 04:00:00

End Date: 2012.08.06 @ 09:49:30

Job Ticket #: 47075 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.08.10 @ 11:23:10

Norstar Petroleum, Inc

35-9s-35w Thomas,KS

Barrett Trust #1-35

DST # 3

Johnson

2012.08.06



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Norstar Petroleum, Inc
 88 Inverness CIR E unit F104
 Englewood, CO 80112
 ATTN: Bob Elder

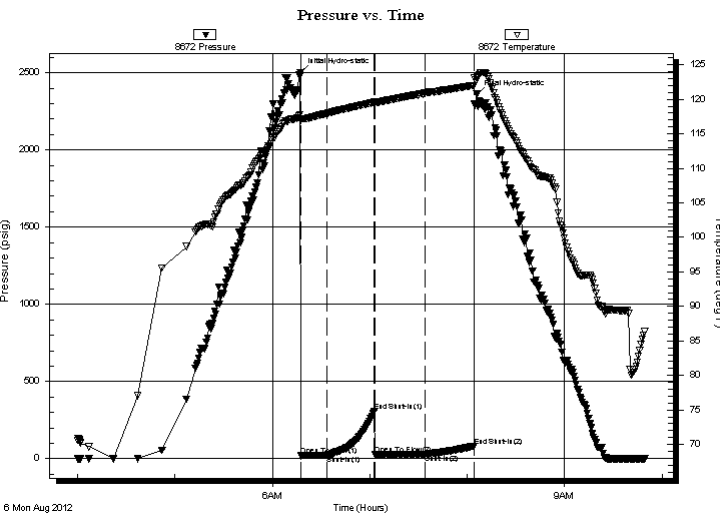
35-9s-35w Thomas, KS
Barrett Trust #1-35
 Job Ticket: 47075 **DST#: 3**
 Test Start: 2012.08.06 @ 04:00:00

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:17:30
 Time Test Ended: 09:49:30
 Interval: **4736.00 ft (KB) To 4789.00 ft (KB) (TVD)**
 Total Depth: 4789.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Sam Esparza
 Unit No: 58
 Reference Elevations: 3333.00 ft (KB)
 3328.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8672 Outside
 Press @ Run Depth: 28.75 psig @ 4737.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.06 End Date: 2012.08.06 Last Calib.: 2012.08.06
 Start Time: 04:00:05 End Time: 09:49:29 Time On Btm: 2012.08.06 @ 06:17:15
 Time Off Btm: 2012.08.06 @ 08:05:45

TEST COMMENT: IF: Weak surface blow .
 IS: No return.
 FF: No blow .
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2502.22	117.80	Initial Hydro-static
1	19.46	116.91	Open To Flow (1)
16	23.32	117.93	Shut-In(1)
46	306.48	119.57	End Shut-In(1)
46	25.92	119.48	Open To Flow (2)
77	28.75	120.79	Shut-In(2)
107	80.88	122.00	End Shut-In(2)
109	2360.59	123.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM 10o 90m	0.10

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum, Inc

35-9s-35w Thomas,KS

88 Inverness CIR E unit F104
Englewood, CO 80112

Barrett Trust #1-35

Job Ticket: 47075

DST#: 3

ATTN: Bob Elder

Test Start: 2012.08.06 @ 04:00:00

Tool Information

Drill Pipe:	Length: 4599.00 ft	Diameter: 3.80 inches	Volume: 64.51 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: 20000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 65.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4736.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	81.00 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			4709.00	
Shut In Tool	5.00			4714.00	
Hydraulic tool	5.00			4719.00	
Jars	5.00			4724.00	
Safety Joint	3.00		Fluid	4727.00	
Packer	5.00			4732.00	28.00 Bottom Of Top Packer
Packer	4.00			4736.00	
Stubb	1.00			4737.00	
Recorder	0.00	8355	Inside	4737.00	
Recorder	0.00	8672	Outside	4737.00	
Perforations	16.00			4753.00	
Change Over Sub	1.00			4754.00	
Drill Pipe	31.00			4785.00	
Change Over Sub	1.00			4786.00	
Bullnose	3.00			4789.00	53.00 Bottom Packers & Anchor

Total Tool Length: 81.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc

35-9s-35w Thomas,KS

88 Inverness CIR E unit F104
Englewood, CO 80112

Barrett Trust #1-35

Job Ticket: 47075

DST#: 3

ATTN: Bob Elder

Test Start: 2012.08.06 @ 04:00:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OCM 10o 90m	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

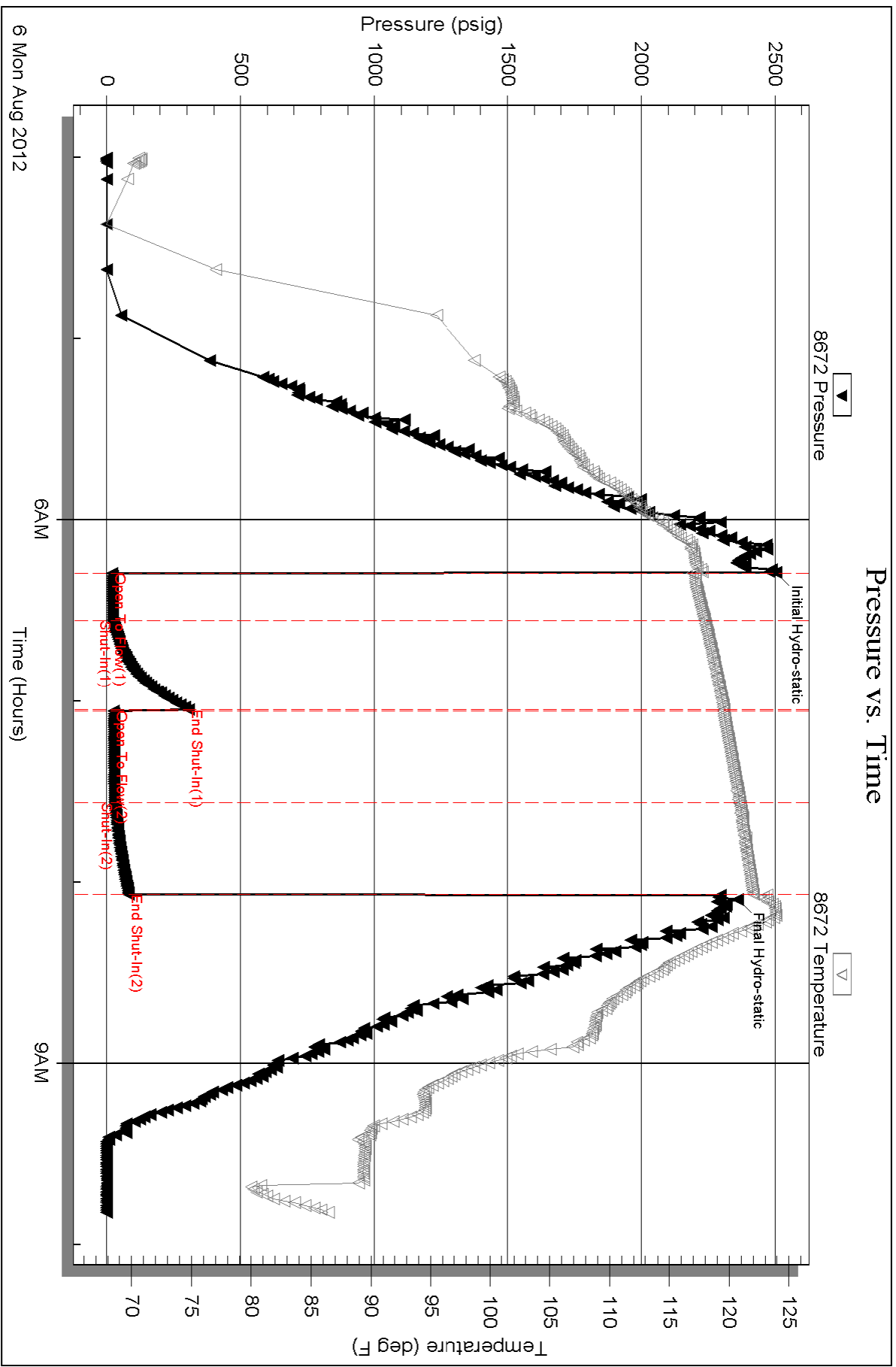
Recovery Comments:

Serial #: 8672

Outside Norstar Petroleum, Inc

Barrett Trust #1-35

DST Test Number: 3



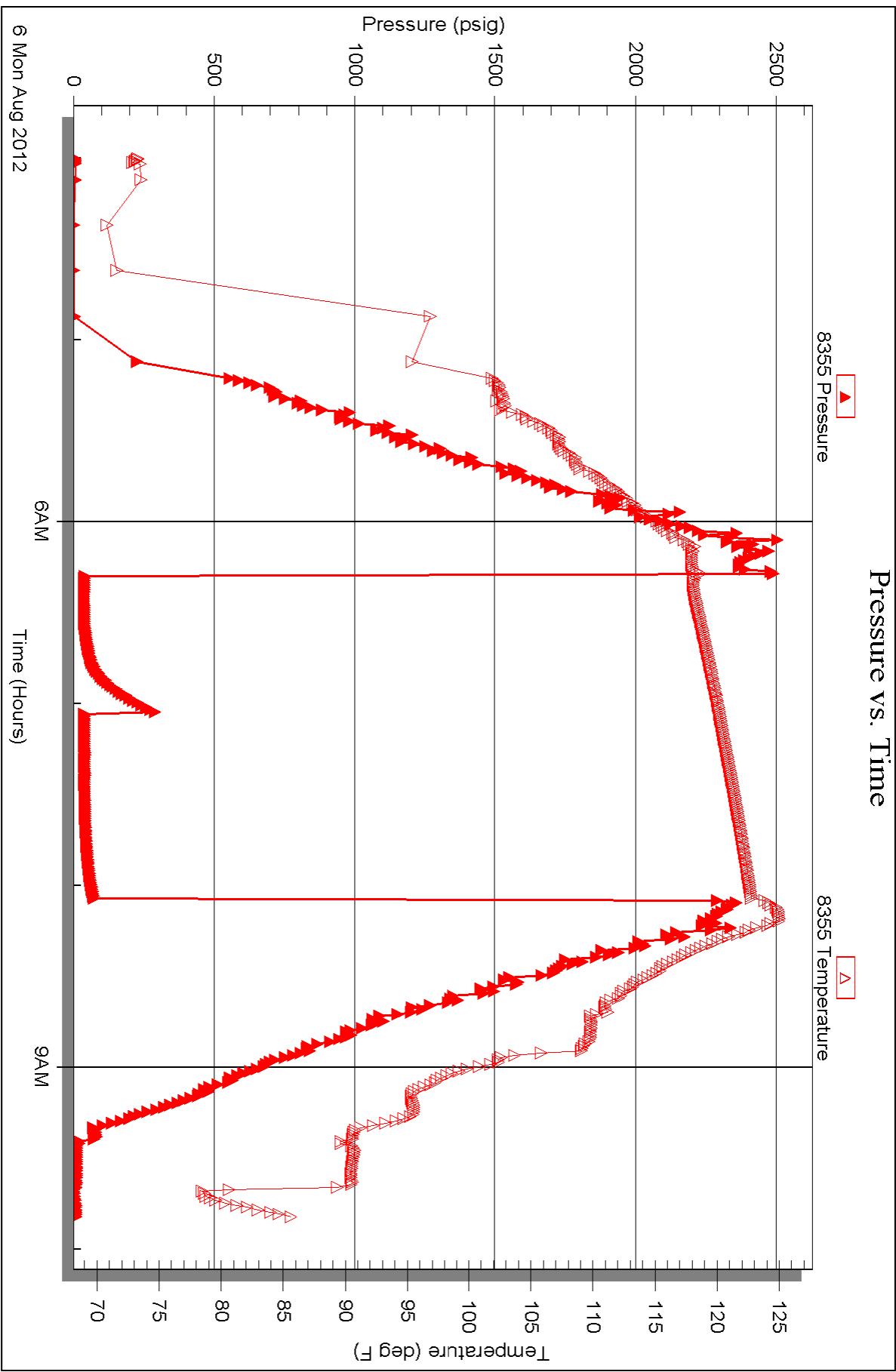
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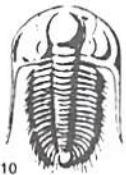
Inside

Norstar Petroleum, Inc

Barrett Trust #1-35

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. **47073**

Well Name & No. Barrett Family Trust #1-35 Test No. 1 Date 8/4/12
 Company Norstar Petroleum, Inc Elevation 3333 KB 3328 GL
 Address 88 Inverness CIR E with F10H Englewood, CO 80112
 Co. Rep / Geo. Bob Elder Rig WW #8
 Location: Sec. 35 Twp. 9S Rge. 35W Co. Thomas State Ks

Interval Tested 4435-4470 Zone Tested Lansing "K"
 Anchor Length 35' Drill Pipe Run 4312 Mud Wt. 9.4
 Top Packer Depth 4431 Drill Collars Run 125 Vis 48
 Bottom Packer Depth 4435 Wt. Pipe Run 0 WL 13.8
 Total Depth 4470 Chlorides 14,000 ppm System LCM 1
 Blow Description 3" Blow.
No return.
8 1/4" Blow.

Weak surface return died @ 45 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>60</u>	<u>15</u>	<u>85</u>		
<u>100</u>	<u>60cm</u>	<u>5</u>	<u>5</u>		<u>90</u>
<u>60</u>	<u>60wcm</u>	<u>5</u>	<u>5</u>	<u>20</u>	<u>70</u>
<u>70' GIP</u>					

Rec Total 210 BHT 127 Gravity 34 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2346 Test 1250 T-On Location 4:00
 (B) First Initial Flow 19 Jars 250 T-Started 5:01
 (C) First Final Flow 63 Safety Joint 75 T-Open 7:11
 (D) Initial Shut-In 1350 Circ Sub N/C T-Pulled 10:27
 (E) Second Initial Flow 70 Hourly Standby _____ T-Out 12:18
 (F) Second Final Flow 109 Mileage 176 R/T 272.80 Comments _____
 (G) Final Shut-In 1343 Sampler _____
 (H) Final Hydrostatic 2232 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 15 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1847.80
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 1847.80

Approved By [Signature] Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47074

4/10

Well Name & No. Barrett Family Trust #1-36 Test No. 2 Date 8/5/12
 Company Nrstar Petroleum, Inc Elevation 3333 KB 3328 GL
 Address 88 Inverness CIR E unit F104 Englewood, CO 80112
 Co. Rep / Geo. Bob Elder Rig WW #8
 Location: Sec. 35 Twp. 9# Rge. 35W Co. Thomas State KS

Interval Tested 4655-4705 Zone Tested Ft. Scott
 Anchor Length 50' Drill Pipe Run 4505 Mud Wt. 9.4
 Top Packer Depth 4651 Drill Collars Run 125 Vis 48
 Bottom Packer Depth 4655 Wt. Pipe Run 0 WL 12.6
 Total Depth 4705 Chlorides 9700 ppm System LCM 3
 Blow Description Weak surface blow.
No Return.
No blow.
No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
<u>60</u>	<u>OCM</u>	<u>5</u>		<u>95</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 75 BHT 122 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2471</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>10:15</u>
(B) First Initial Flow <u>37</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>10:56</u>
(C) First Final Flow <u>46</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>12:47</u>
(D) Initial Shut-In <u>1010</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>14:33</u>
(E) Second Initial Flow <u>50</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>16:30</u>
(F) Second Final Flow <u>56</u>	<input checked="" type="checkbox"/> Mileage <u>176 R/T</u> 272.80	Comments
(G) Final Shut-In <u>202</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2309</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>15</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1847.80</u>
	<input type="checkbox"/> Accessibility	MF/DST Disc't
	Sub Total <u>1847.80</u>	

Approved By

Our Representative

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47075

4/10

Well Name & No. Borrett Family Trust #1-35 Test No. 3 Date 8/6/12
 Company Norstar Petroleum, Inc Elevation 3333 KB 3328 GL
 Address 88 Inverness CIR E unit F104 Englewood, Co 80112
 Co. Rep / Geo. Bob Elder Rig WV #8
 Location: Sec. 35 Twp. 9S Rge. 35W Co. Thomas State Ks

Interval Tested 4736-4789 Zone Tested Johnson
 Anchor Length 53' Drill Pipe Run 4599 Mud Wt. 9.3
 Top Packer Depth 4732 Drill Collars Run 125 Vis 57
 Bottom Packer Depth 4736 Wt. Pipe Run Ø WL 12.6
 Total Depth 4789 Chlorides 9700 ppm System LCM 3
 Blow Description weak surface blow.
No Return.
No Blow.
No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
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 20 BHT 122 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2502</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>3:50</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>4:00</u>
(C) First Final Flow <u>23</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>6:18</u>
(D) Initial Shut-In <u>306</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>8:04</u>
(E) Second Initial Flow <u>26</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>9:50</u>
(F) Second Final Flow <u>29</u>	<input checked="" type="checkbox"/> Mileage <u>176 R/T X2</u> 545.60	Comments <u>picked up tools @ 1225 8/7/12</u>
(G) Final Shut-In <u>81</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2361</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>15</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>2120.60</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>2120.60</u>	

Approved By [Signature] Our Representative [Signature]

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