

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32278
Name: Tengasco, Inc.
Address 1: PO Box 458
Address 2: 1327 Moose Rd.
City: Hays State: KS Zip: 67601 + 9744
Contact Person: Gary Wagner
Phone: (785) 625-6374
CONTRACTOR: License # 33493
Name: American Eagle Drilling, LLC
Wellsite Geologist: Mike Bair
Purchaser: N/C

Designate Type of Completion:

- New Well
- Re-Entry
- Workover
- Oil
- WSW
- SWD
- SLOW
- Gas
- D&A
- ENHR
- SIGW
- OG
- GSW
- Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic
- Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening
- Re-perf.
- Conv. to ENHR
- Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

10-19-11	10-28-11	10-29-11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22732-00-00

Spot Description: _____

NE NE NE Sec. 27 Twp. 15 S. R. 25 East West

330 Feet from North / South Line of Section

330 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE
- NW
- SE
- SW

County: Trego

Lease Name: Caruso A Well #: 1

Field Name: Unnamed

Producing Formation: N/A

Elevation: Ground: 2443' Kelly Bushing: 2450'

Total Depth: 4570 Plug Back Total Depth: Surface

Amount of Surface Pipe Set and Cemented at: 262 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: 18000 ppm Fluid volume: 215 bbls

Dewatering method used: Hauled to SWD

Location of fluid disposal if hauled offsite: _____

Operator Name: Tengasco, Inc.

Lease Name: Albers License #: 32278

Quarter NW Sec. 23 Twp. 15 S. R. 25 East West

County: Trego Permit #: D-3058

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DEC 19 2011

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market Street, Kansas City, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Gary Wagner

Title: Production Manager Date: 12-8-11

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Dlg Date: 12/27/11

Operator Name: Tengasco, Inc. Lease Name: Caruso 'A' Well #: 1
 Sec. 27 Twp. 15 S. R. 25 East West County: Trego

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

List All E. Logs Run:

Compensated Resistivity, Density Neutron, Micro

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	1881	+569
Heebner	3765	-1315
Lansing	3804	-1354
BKC	4099	-1649
Ft Scott	4301	-1851
Cherokee	4327	-1877
Miss. Dolo	4407	-1957

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	262'	Com	180	3% CC 2% Gel

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input checked="" type="checkbox"/> Other (Specify) <u>Dry Hole</u>	PRODUCTION INTERVAL: _____ _____
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ALLIED CEMENTING CO.. LLC. 034433

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell, KS

DATE <u>10-29-11</u>	SEC. <u>27</u>	TWP. <u>15</u>	RANGE <u>25</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30am</u>	JOB FINISH <u>10:30am</u>
LEASE <u>Concess</u>	WELL # <u>'A'-1</u>	LOCATION <u>wakeeny 205 to EERD</u>			COUNTY <u>Trego</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				<u>10 W. 2 N</u>			

CONTRACTOR American Eagle # 2
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 4570
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH 1900'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 205 sk 60/40
496 ccl 14" E10
 COMMON 723 @ 16.25 1998.75
 POZMIX 82 @ 8.50 697.00
 GEL 7 @ 21.25 148.75
 CHLORIDE @ _____
 ASC @ _____
 _____ @ _____
Flo. Sr. l 51" @ 2.70 139.70
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 212 @ 2.25 472.00
 MILEAGE 111/56/mile 699.60
 TOTAL 4158.80

REMARKS:

1st plug @ 1900' 25 sk
2nd @ 880 100 sk
3rd @ 310 40 sk
4th @ 40 10 sk - wiper plug

Rat Hole 30 sk

Thanks !!!

CHARGE TO: Tengasco Inc
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____
 PUMPTRUCK CHARGE _____ 1250.00
 EXTRA FOOTAGE @ _____
 MILEAGE 30 @ 7.00 210.00
 MANIFOLD @ _____
Lon 30 @ 4.00 120.00
 TOTAL 1580.00

PLUG & FLOAT EQUIPMENT

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

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE Bradford Beher

SALES TAX (If Any) _____
 TOTAL CHARGES 5738.80
 DISCOUNT _____ IF PAID IN 30 DAYS

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 KCC WICHITA

ALLIED CEMENTING CO., LLC. 034429

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

SERVICE POINT:

Russell

DATE <i>10-19-11</i>	SEC. <i>27</i>	TWP. <i>15</i>	RANGE <i>25</i>	CALLED OUT	ON LOCATION	JOB START <i>1:30pm</i>	JOB FINISH <i>2:00pm</i>
LEASE <i>Caruso</i>	WELL # <i>1</i>	LOCATION <i>Wakeney 20 miles S</i>			COUNTY <i>Trego</i>	STATE <i>KS</i>	
OLD OR <u>NEW</u> (Circle one)		10 W <i>N.40</i>					

CONTRACTOR <i>American Eagle</i>	OWNER
TYPE OF JOB <i>Surface</i>	
HOLE SIZE	T.D. <i>264</i>
CASING SIZE <i>8 5/8</i>	DEPTH <i>263.82</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <i>300 #</i>	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <i>15.72</i>	
PERFS.	
DISPLACEMENT <i>15.72</i>	
EQUIPMENT	
PUMP TRUCK CEMENTER <i>Heath</i>	
# <i>409</i> HELPER <i>Todd</i>	
BULK TRUCK	
# <i>410</i> DRIVER <i>Cody</i>	
BULK TRUCK	
#	DRIVER
CEMENT	
AMOUNT ORDERED <i>180 sk Com</i>	
<i>3% C 2% GEL</i>	
COMMON <i>180</i>	@ <i>16.25</i> <i>2925.00</i>
POZMIX	@
GEL <i>3</i>	@ <i>21.25</i> <i>63.75</i>
CHLORIDE <i>6</i>	@ <i>58.20</i> <i>349.20</i>
ASC	@
HANDLING <i>189</i>	@ <i>2.25</i> <i>425.25</i>
MILEAGE <i>11.56/mi</i>	@ <i>6.23</i> <i>70.00</i>
TOTAL	<i>4386.90</i>

REMARKS:

Ran 6 JTS of 8 5/8 New casing & landing

EST Circulation with mud pump

*Mix 180sk and Disp 15.72 bbl H2O
Shut in @ 300psi*

*Cement did circulate!!
Thanks!!*

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<i>1125.00</i>
EXTRA FOOTAGE	@
MILEAGE <i>30</i>	@ <i>7.00</i> <i>210.00</i>
MANIFOLD	@
<i>20</i>	@ <i>6.00</i> <i>120.00</i>
TOTAL	<i>1455.00</i>

CHARGE TO: *Tengasco*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist-owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

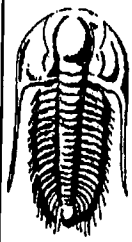
SIGNATURE *Cham Wagoner*

SALES TAX (If Any) _____

TOTAL CHARGES *5841.90*

DISCOUNT *202* IF PAID IN 30 DAYS

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Tengasco, Inc.
 1327 Moose Rd.
 PO Box 458
 Hays, Ks 67601
 ATTN: Mike Bair

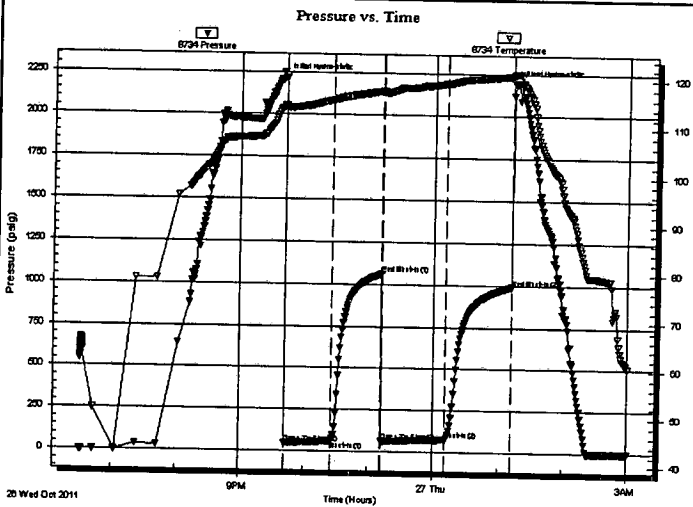
27-15-25 Trego, Ks
Caruso A-1
 Job Ticket: 45172 DST#: 1
 Test Start: 2011.10.26 @ 18:30:03

GENERAL INFORMATION:

Formation: **Cherokee - Miss**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 21:42:03
 Time Test Ended: 03:01:03
 Interval: **4329.00 ft (KB) To 4433.00 ft (KB) (TVD)**
 Total Depth: **4433.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Brian Fairbank**
 Unit No: **41**
 Reference Elevations: **2450.00 ft (KB)**
 2443.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8734 **Outside**
 Press@RunDepth: **76.51 psig @ 4332.00 ft (KB)**
 Start Date: **2011.10.26** End Date: **2011.10.27**
 Start Time: **18:30:04** End Time: **03:01:03**
 Capacity: **8000.00 psig**
 Last Calib.: **2011.10.27**
 Time On Btm: **2011.10.26 @ 21:40:33**
 Time Off Btm: **2011.10.27 @ 01:15:33**

TEST COMMENT: IFP - weak blow throughout 1/4" - 2 1/2"
 ISI - no blow back
 FFP - no blow 7 min - 2"
 FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2211.85	114.44	Initial Hydro-static
2	48.06	114.07	Open To Flow (1)
45	60.93	115.65	Shut-In(1)
91	1061.77	117.53	End Shut-In(1)
92	62.62	117.30	Open To Flow (2)
151	76.51	119.17	Shut-In(2)
212	989.16	120.82	End Shut-In(2)
215	2189.51	121.25	Final Hydro-static

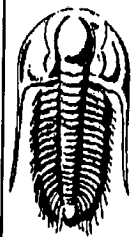
Recovery

Length (ft)	Description	Volume (bbl)
30.00	SOCM 5%O, 95%M	0.42
40.00	MCO 50%O, 50%M	0.56
5.00	FREE OIL 95%O, 5%M	0.07

Gas Rates

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco, Inc.

27-15-25 Trego, Ks

1327 Moose Rd.
PO Box 458
Hays, Ks 67601
ATTN: Mike Bair

Caruso A-1

Job Ticket: 45172

DST#: 1

Test Start: 2011.10.26 @ 18:30:03

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 5.80 in³

Resistivity: ohm.m

Salinity: 3800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

Water Salinity:

39 deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	SOCM 5%O, 95%M	0.421
40.00	MCO 50%O, 50%M	0.561
5.00	FREE OIL 95%O, 5%M	0.070

Total Length: 75.00 ft

Total Volume: 1.052 bbl

Num Fluid Samples: 0

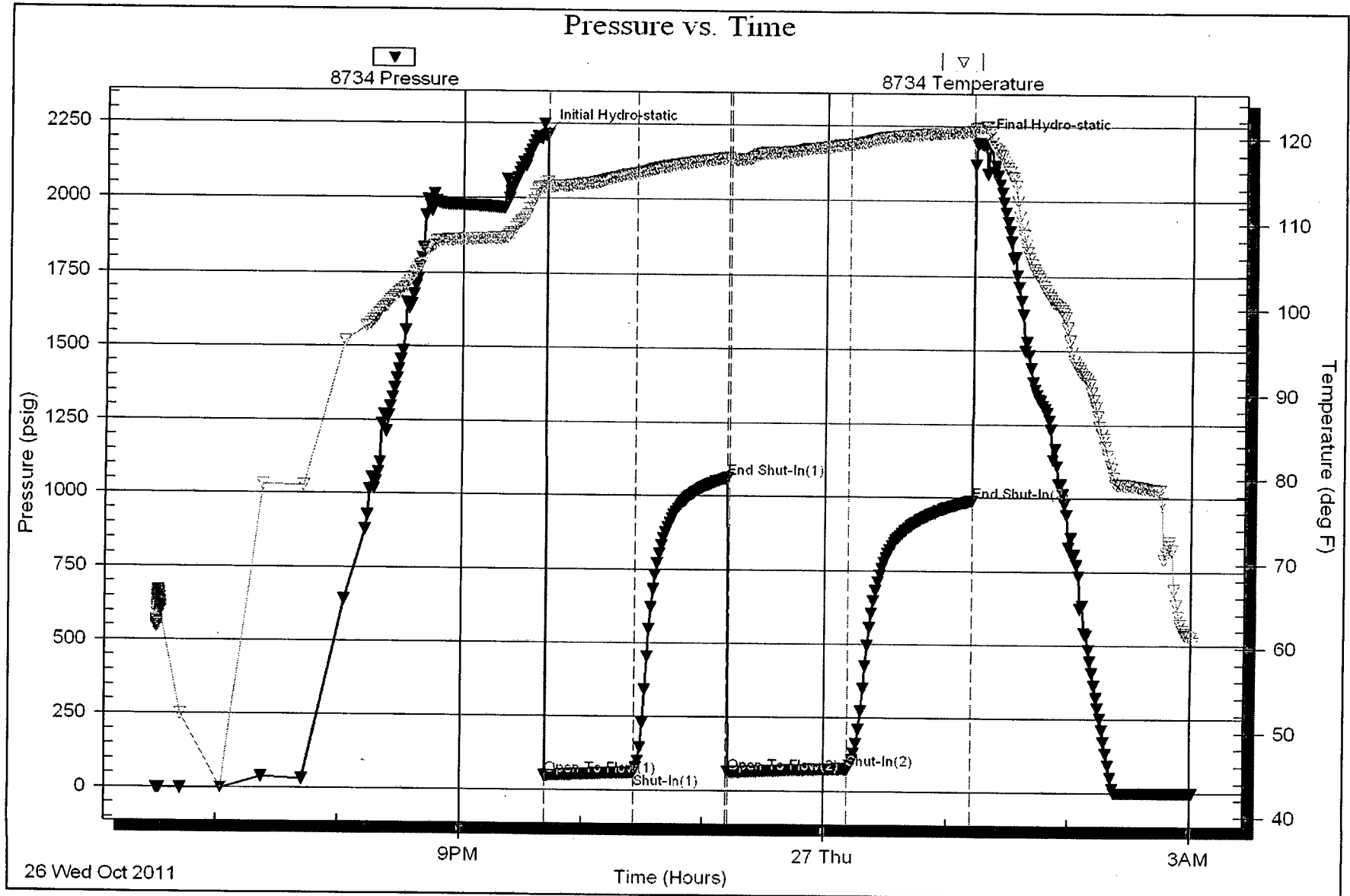
Num Gas Bombs: 0

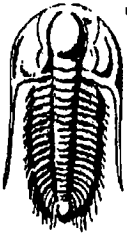
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Tengasco, Inc.

1327 Noose Rd.
PO Box 458
Hays, Ks 67601
ATTN: Mike Bair

27-15-25 Trego, Ks

Caruso A-1

Job Ticket: 45173

DST#: 2

Test Start: 2011.10.27 @ 10:00:28

GENERAL INFORMATION:

Formation: **Miss**

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

Time Tool Opened: 12:06:28

Time Test Ended: 17:20:58

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

Tester: **Brian Fairbank**

Unit No: **41**

Interval: **4424.00 ft (KB) To 4443.00 ft (KB) (TVD)**

Total Depth: **4443.00 ft (KB) (TVD)**

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

Reference Elevations: **2450.00 ft (KB)**

2443.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 8734 **Outside**

Press@RunDepth: **130.07 psig @ 4425.00 ft (KB)**

Start Date: **2011.10.27**

End Date:

2011.10.27

Start Time: **10:00:29**

End Time:

17:20:58

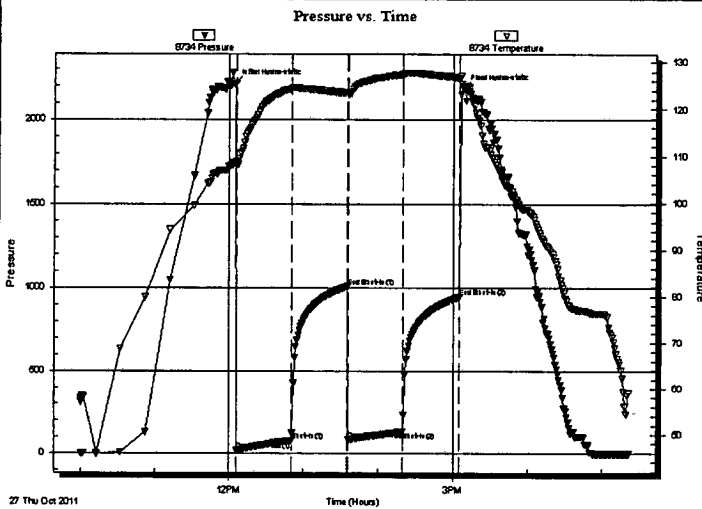
Capacity: **8000.00 psig**

Last Calib.: **2011.10.27**

Time On Btm: **2011.10.27 @ 12:04:58**

Time Off Btm: **2011.10.27 @ 15:07:58**

TEST COMMENT: IFP - BOB 29 min
ISI - no blow back 22 min - died 17 min
FFP - BOB 35 min
FSI - no blow back 10 min - died 10 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2211.45	108.69	Initial Hydro-static
2	17.40	108.22	Open To Flow (1)
46	79.45	124.31	Shut-In(1)
91	1008.79	123.44	End Shut-In(1)
91	81.97	123.16	Open To Flow (2)
135	130.07	127.45	Shut-In(2)
180	946.83	126.71	End Shut-In(2)
183	2183.37	124.87	Final Hydro-static

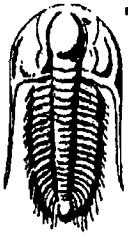
Recovery

Length (ft)	Description	Volume (bbl)
260.00	MW 90%W, 10%M	3.65
35.00	FREE OIL 95%O, 5%M	0.49
0.00	45' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco, Inc.
1327 Noose Rd.
PO Box 458
Hays, Ks 67601
ATTN: Mike Bair

27-15-25 Trego, Ks
Caruso A-1
Job Ticket: 45173 **DST#: 2**
Test Start: 2011.10.27 @ 10:00:28

Mud and Cushion Information

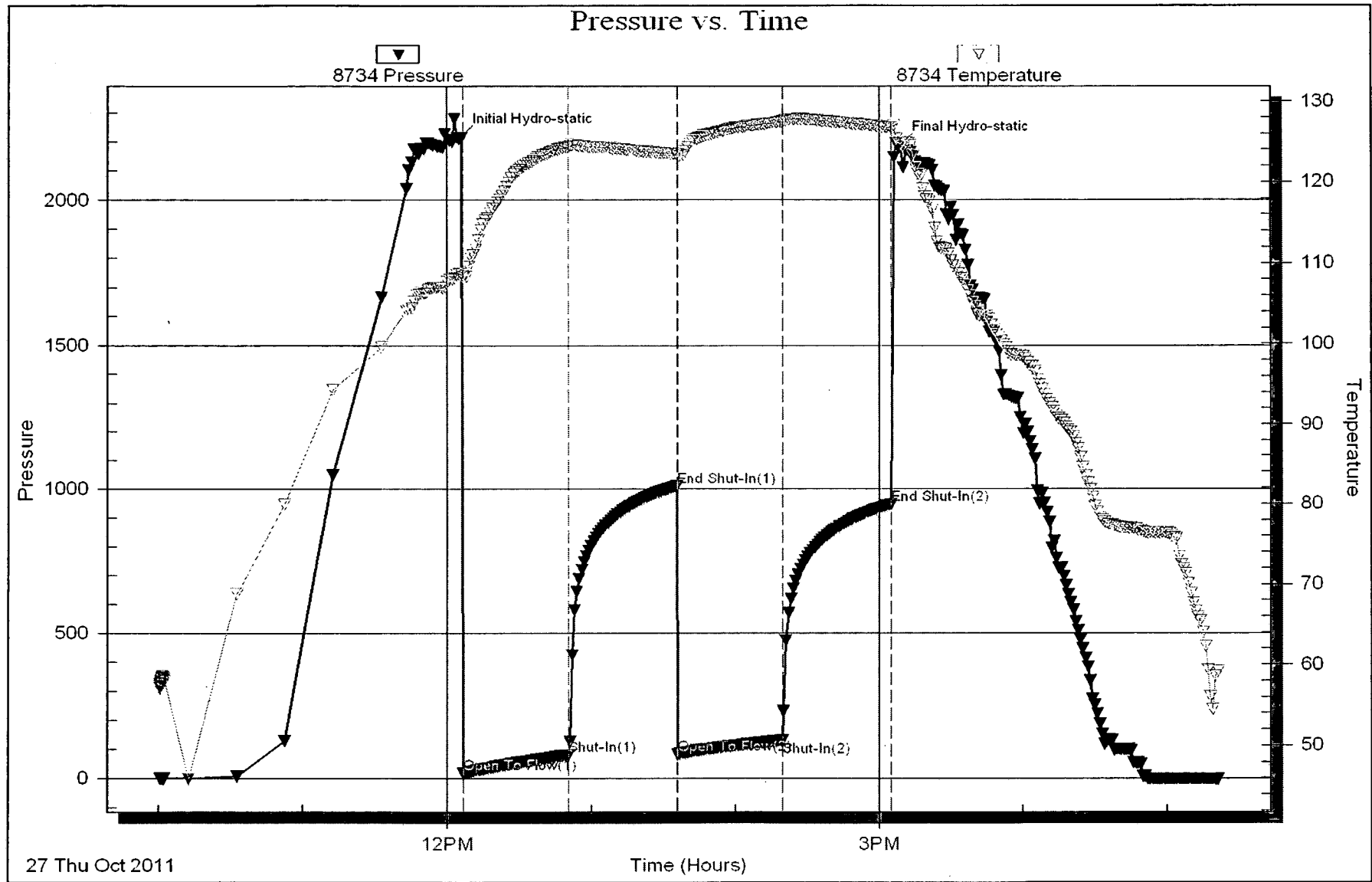
Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: 38000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 5.80 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3800.00 ppm		
Filter Cake: inches		

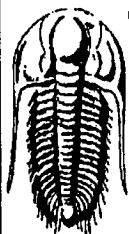
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
260.00	MW 90%W, 10%M	3.647
35.00	FREE OIL 95%O, 5%M	0.491
0.00	45' GIP	0.000

Total Length: 295.00 ft Total Volume: 4.138 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Tengasco, Inc.
 1327 Noose Rd.
 PO Box 458
 Hays, Ks 67601
 ATTN: Mike Bair

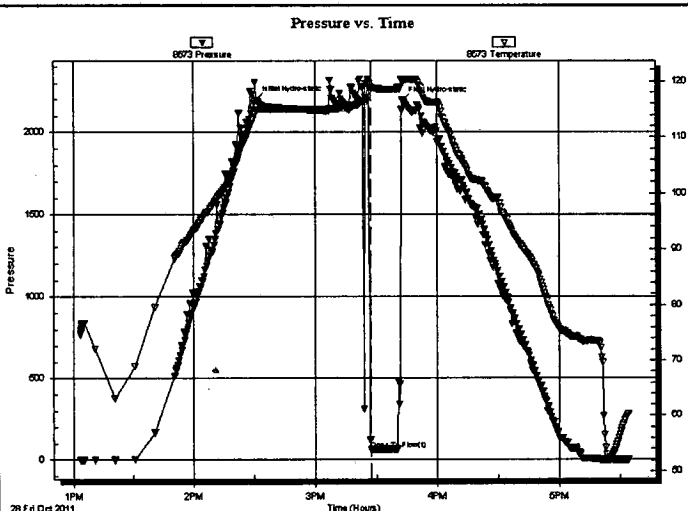
27-15-25 Trego, Ks
Caruso A-1
 Job Ticket: 44681 **DST#: 3**
 Test Start: 2011.10.28 @ 13:03:33

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:27:18
 Time Test Ended: 17:34:03
 Interval: **4404.00 ft (KB) To 4423.00 ft (KB) (TVD)**
 Total Depth: **4570.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Straddle (Initial)**
 Tester: **Jason McLemore**
 Unit No: **54**
 Reference Elevations: **2450.00 ft (KB)**
 2443.00 ft (CF)
 KB to GR/CF: **7.00 ft**

Serial #: 8673 Inside
 Press@RunDepth: psig @ **4409.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.10.28** End Date: **2011.10.28** Last Calib.: **2011.10.28**
 Start Time: **13:03:35** End Time: **17:34:03** Time On Btm: **2011.10.28 @ 14:31:03**
 2011.10.28 @ 15:42:48

TEST COMMENT: IFP-Packer Failure, Reset, Packer Failure after a few Min., Pull Tool



PRESSURE SUMMARY

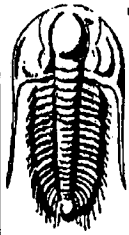
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2196.87	114.73	Initial Hydro-static
57	64.01	118.83	Open To Flow (1)
72	2191.01	120.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	Drilling Mud	3.51

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco, Inc.

27-15-25 Trego, Ks

1327 Noose Rd.
PO Box 458
Hays, Ks 67601
ATTN: Mike Bair

Caruso A-1

Job Ticket: 44681

DST#: 3

Test Start: 2011.10.28 @ 13:03:33

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 7.80 in³

Resistivity: ohm.m

Salinity: 3600.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	Drilling Mud	3.507

Total Length: 250.00 ft Total Volume: 3.507 bbl

Num Fluid Samples: 0

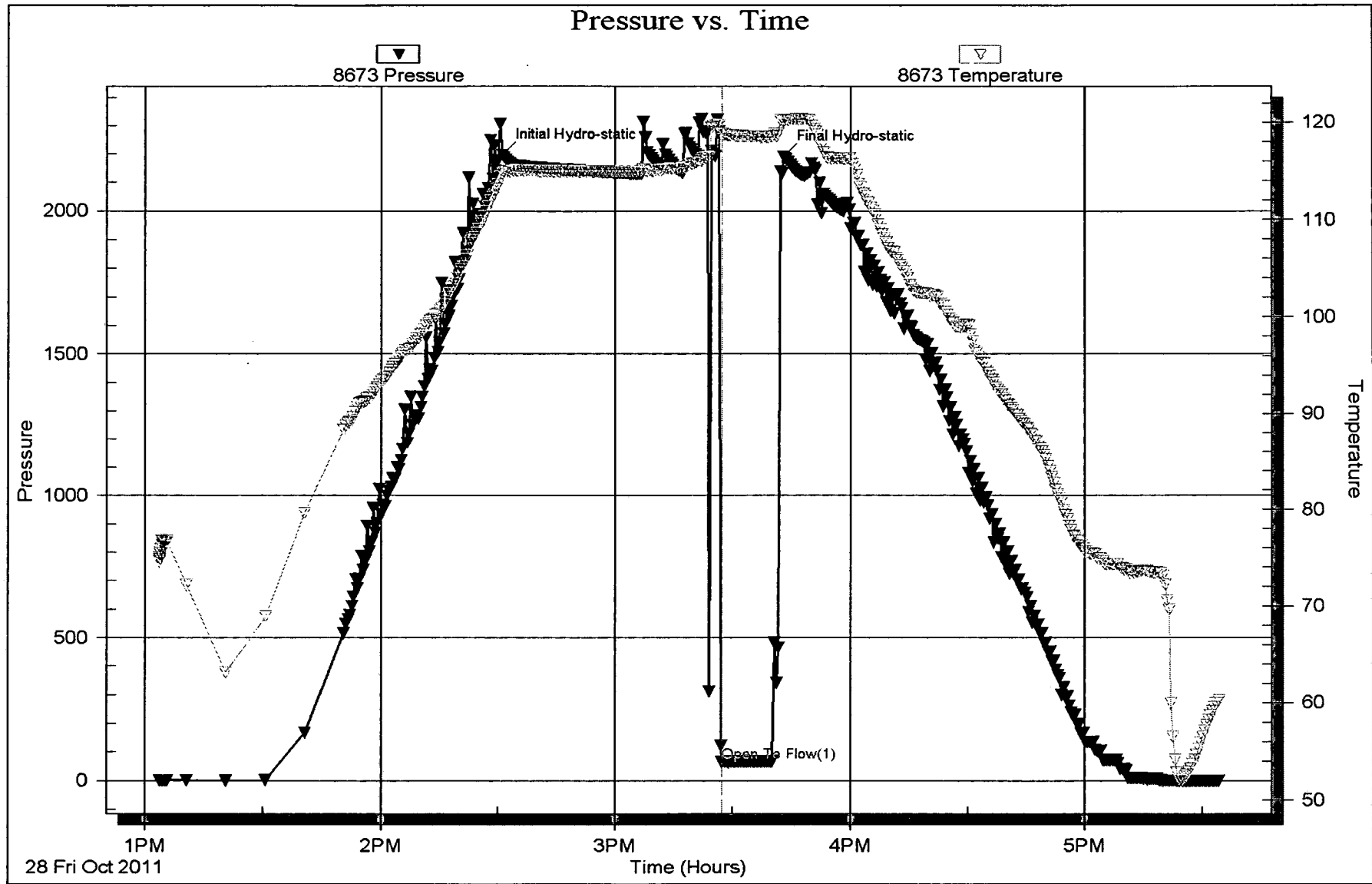
Num Gas Bombs: 0

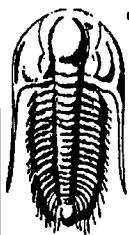
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Tengasco, Inc.
1327 Noose Rd.
PO Box 458
Hays, Ks 67601
ATTN: Mike Bair

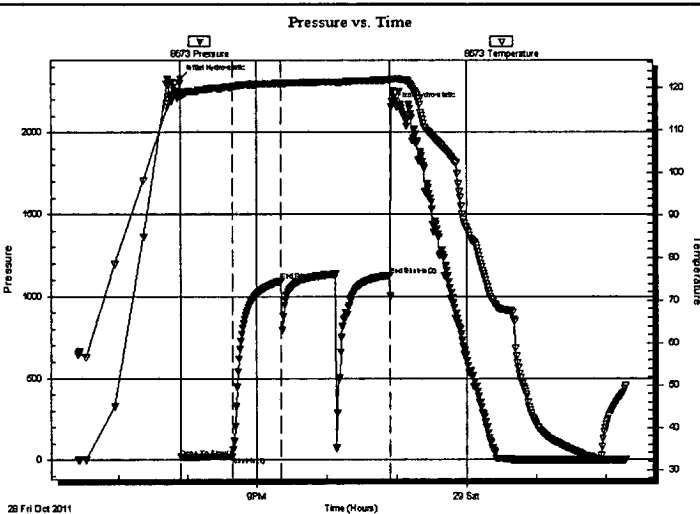
27-15-25 Trego, Ks
Caruso A-1
Job Ticket: 44682 DST#: 4
Test Start: 2011.10.28 @ 18:24:50

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:54:10
Time Test Ended: 02:16:59
Interval: **4415.00 ft (KB) To 4428.00 ft (KB) (TVD)**
Total Depth: **4570.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Straddle (Reset)**
Tester: **Jason McLemore**
Unit No: **54**
Reference Elevations: **2450.00 ft (KB)**
2443.00 ft (CF)
KB to GR/CF: **7.00 ft**

Serial #: 8673 Inside
Press@RunDepth: **21.73 psig @ 4419.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2011.10.28** End Date: **2011.10.29** Last Calib.: **2011.10.29**
Start Time: **18:24:52** End Time: **02:17:00** Time On Btm: **2011.10.28 @ 19:54:00**
Time Off Btm: **2011.10.28 @ 22:55:20**

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2329.87	118.62	Initial Hydro-static
1	16.73	117.69	Open To Flow (1)
46	21.73	120.31	Shut-In(1)
87	1095.46	121.08	End Shut-In(1)
180	1128.01	121.82	End Shut-In(2)
182	2156.88	122.12	Final Hydro-static

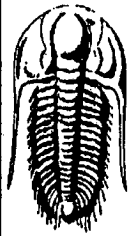
Recovery

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

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco, Inc.

27-15-25 Trego, Ks

1327 Noose Rd.
PO Box 458
Hays, Ks 67601
ATTN: Mike Bair

Caruso A-1

Job Ticket: 44682

DST#: 4

Test Start: 2011.10.28 @ 18:24:50

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drilling Mud	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

