

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 32278
Name: Tengasco, Inc.
Address 1: PO Box 458
Address 2: 1327 Noose Rd.
City: Hays State: KS Zip: 67601 + 9744
Contact Person: Gary Wagner
Phone: (785) 625-6374
CONTRACTOR: License # 33793
Name: H2 Drilling, LLC
Wellsite Geologist: Mike Bair
Purchaser: N/A

**RECEIVED
KANSAS CORPORATION COMMISSION
APR 30 2012
CONSERVATION DIVISION
WICHITA, KS**

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: _____
 _____ _____ _____
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
3-19-12 3-26-12 3-27-12
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 195-22767-00-00
Spot Description: _____
SW NW SE SE Sec. 14 Twp. 15 S. R. 25 East West
800 Feet from North / South Line of Section
1,000 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Trego
Lease Name: Mai B Well #: 3
Field Name: Unnamed
Producing Formation: NA
Elevation: Ground: 2416' Kelly Bushing: 2425'
Total Depth: 4557' Plug Back Total Depth: surface
Amount of Surface Pipe Set and Cemented at: 268 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: 26000 ppm Fluid volume: 650 bbls
Dewatering method used: Hydrated 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-30,584

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, 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: 4-27-12

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: RVA 5/1/12 Date: Dlg

Operator Name: Tengasco, Inc. Lease Name: Mai B Well #: 3
 Sec. 14 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Array Compensated Resistivity, Neutron Density, Micro	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1980</td> <td>+445</td> </tr> <tr> <td>Heebner</td> <td>3736</td> <td>-1311</td> </tr> <tr> <td>Lansing</td> <td>3776</td> <td>-1351</td> </tr> <tr> <td>Fort Scott</td> <td>4279</td> <td>-1854</td> </tr> <tr> <td>Cherokee</td> <td>4302</td> <td>-1877</td> </tr> <tr> <td>MissLs</td> <td>4384</td> <td>-1959</td> </tr> <tr> <td>Miss Dolo</td> <td>4393</td> <td>-2124</td> </tr> </table>	Name	Top	Datum	Anhydrite	1980	+445	Heebner	3736	-1311	Lansing	3776	-1351	Fort Scott	4279	-1854	Cherokee	4302	-1877	MissLs	4384	-1959	Miss Dolo	4393	-2124
Name	Top	Datum																							
Anhydrite	1980	+445																							
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Fort Scott	4279	-1854																							
Cherokee	4302	-1877																							
MissLs	4384	-1959																							
Miss Dolo	4393	-2124																							

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#	268'	Com	170	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 <i>(Amount and Kind of Material Used)</i>	Depth
		RECEIVED KANSAS CORPORATION COMMISSION APR 30 2012 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
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 (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> <i>(Submit ACO-4)</i> <input checked="" type="checkbox"/> Other (Specify) <u>Dry Hole</u>	PRODUCTION INTERVAL: _____ _____
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ALLIED OIL & GAS SERVICES, LLC 056367

ATTN: P.O. BOX 21
RUSSELL, KANSAS 67665

SERVICE POINT
Russell, KS

DATE <u>3-22-12</u>	SEC. <u>14</u>	TWP. <u>15 S</u>	RANGE <u>25 W</u>	CALLED OUT	ON LOCATION	JOB START <u>9:00 AM</u>	JOB FINISH <u>9:30 AM</u>
WELL # <u>B-3</u>	LOCATION <u>Wakeeney Ks. 20 S 9 W</u>			COUNTY <u>Trego</u>	STATE <u>KANSAS</u>		
OLD OR NEW (Circle one)				<u>IN 1/2 W 1/4 N</u>			

CONTRACTOR H² DAIG, Rig # 3

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8" T.E. 4557'

CASING SIZE 8 5/8" SURFACE DEPTH 268'

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 X-H DEPTH 1850'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 185 SX 40 4% GEL
1/4 # F10-Seal PER SX

COMMON	<u>11</u>	SX	@	<u>16.25</u>	<u>1803.75</u>
POZMIX	<u>74</u>	SX	@	<u>8.50</u>	<u>629.00</u>
GEL	<u>8</u>	SX	@	<u>21.25</u>	<u>170.00</u>
CHLORIDE			@		
ASC			@		
F10-Seal	<u>47</u>	LBS	@	<u>2.70</u>	<u>126.90</u>
			@		
			@		
			@		
			@		
			@		
			@		
HANDLING	<u>193</u>	Total SX	@	<u>2.25</u>	<u>434.25</u>
MILEAGE	<u>90</u>	Per Mile	@		<u>1910.70</u>
					TOTAL <u>5074.60</u>

EQUIPMENT

PUMP TRUCK CEMENTER Glenn

417 HELPER Woody O' Robert Y.

BULK TRUCK

423 DRIVER Cody H.

BULK TRUCK

_____ DRIVER _____

REMARKS:

25 SX @ 1850'

80 SX @ 8.50'

40 SX @ 320'

10 SX @ 40' w/wiper - Plug

30 SX @ Rathole

THANK'S

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 1250.00

EXTRA FOOTAGE @ _____

MILEAGE HV MI X 90 @ 7.00 630.00

MANIFOLD @ _____

LV MIX 90 @ 4.00 360.00

CHARGE TO: TENNESCO INC.

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 2240.00 RECEIVED KANSAS CORPORATION COMMISSION

PLUG & FLOAT EQUIPMENT

8 5/8 Wiper Plug @ _____ 64.00

@ _____

@ _____

@ _____

TOTAL 64.00

APR 30 2012
CONSERVATION DIVISION
WICHITA, KS

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) 501.74

TOTAL CHARGES 7378.60

DISCOUNT 20/70 2926.07 IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE Tracy O'Neil

ALLIED OIL & GAS SERVICES, LLC 056930

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

SERVICE POINT:
Russell

DATE 3-19-12	SEC 14	TWP 13S	RANGE 20	CALLED OUT	ON LOCATION	JOB START 9:30	JOB FINISH 10:00
LEASE Main	WELL# 0-3	LOCATION W. Hwy 200 9w 1H 2W			COUNTY Pecos	STATE KS	
OLD OR NEW (Circle one)		: 11 in 2					

CONTRACTOR Hz
TYPE OF JOB surface
HOLE SIZE 12 1/4 T.D. 275
CASING SIZE 8 1/2 DEPTH 267.50
TUBING SIZE 2 1/2 DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 15
CEMENT LEFT IN CSG. 15
PERFS.
DISPLACEMENT 252.5 11.6bl

OWNER
CEMENT AMOUNT ORDERED 170 sk 31.4 21.6 gal

EQUIPMENT
PUMP TRUCK CEMENTER valid jobs
409 HELPER Tony
BULK TRUCK DRIVER L. H. H.
378
BULK TRUCK DRIVER

COMMON	170	@	11.25	2762.50
POZMIX		@		
GEL	3	@	21.25	63.75
CHLORIDE	6	@	58.20	349.20
ASC		@		
HANDLING	179	@	2.25	402.75
MILEAGE	90 x 1.75 x .11			172.20
TOTAL				5350.20

REMARKS:

run 6 hrs @ 8 1/2. 24" sp - 20" @
24" sp. - 500 ft @ circulation,
mix 170 sk 31.4 21.6 gal
Displaced 11.6 bl 3H in
cement DID create surface
Phy Run @ 945

SERVICE

DEPTH OF JOB	0-300		
PUMP TRUCK CHARGE			1,185.00
EXTRA FOOTAGE	@		
MILEAGE MILV 90	@	7.00	630
MANIFOLD	@		
MILV 90	@	4.00	360
TOTAL 2115.00			

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

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL 0			

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 7,465.30
DISCOUNT 70% 2321.69 IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE Ray Wagon

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KANSAS CORPORATION COMMISSION
APR 30 2012
CONSERVATION DIVISION
WICHITA, KS



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Tangasco Inc.

14-15s-25w

1327 Noose Rd
P.O.Box 458
Hays KS 67601
ATTN: Mike Bair

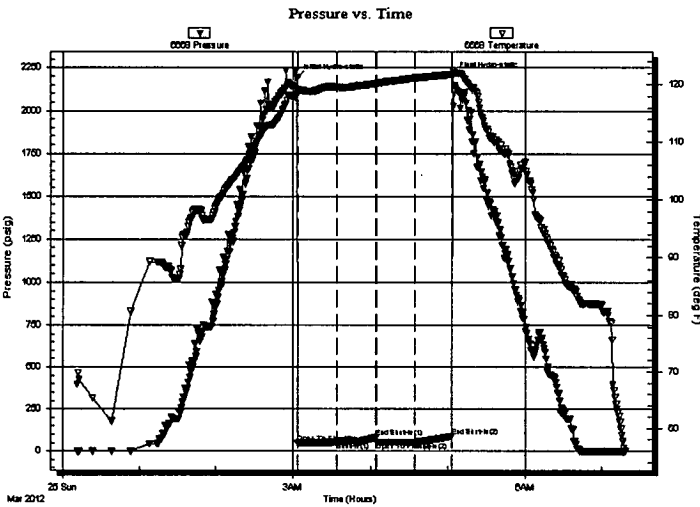
Mai-B #3
Job Ticket: 46480 **DST#: 1**
Test Start: 2012.03.25 @ 00:11:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:03:30
Time Test Ended: 07:18:30
Interval: **4309.00 ft (KB) To 4392.00 ft (KB) (TVD)**
Total Depth: 4392.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Mike Roberts
Unit No: 48
Reference Elevations: 2426.00 ft (KB)
2416.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6668 Outside
Press@RunDepth: 53.56 psig @ 4310.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.03.25 End Date: 2012.03.25 Last Calib.: 2012.03.25
Start Time: 00:11:15 End Time: 07:18:30 Time On Btm: 2012.03.25 @ 03:03:15
Time Off Btm: 2012.03.25 @ 05:03:45

TEST COMMENT: IF: Built to 1/4" blow
IS: No return blow
FF: No blow
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2187.39	119.23	Initial Hydro-static
1	49.23	118.37	Open To Flow (1)
31	51.52	119.48	Shut-In(1)
61	81.65	120.15	End Shut-In(1)
62	52.39	120.15	Open To Flow (2)
92	53.56	121.14	Shut-In(2)
120	89.33	121.80	End Shut-In(2)
121	2202.27	122.50	Final Hydro-static

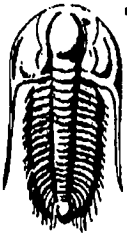
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APR 30 2012
CONSERVATION DIVISION
WICHITA, KS

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Tangasco Inc.

14-15s-25w

1327 Noose Rd
P.O.Box 458
Hays KS 67601
ATTN: Mike Bair

Mai-B #3

Job Ticket: 46480

DST#: 1

Test Start: 2012.03.25 @ 00:11:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:03:30

Time Test Ended: 07:18:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 48

Interval: **4309.00 ft (KB) To 4392.00 ft (KB) (TVD)**

Reference Elevations: 2426.00 ft (KB)

Total Depth: 4392.00 ft (KB) (TVD)

2416.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8358 Inside

Press@RunDepth: psig @ 4310.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.25

End Date: 2012.03.25

Last Calib.: 2012.03.25

Start Time: 00:11:15

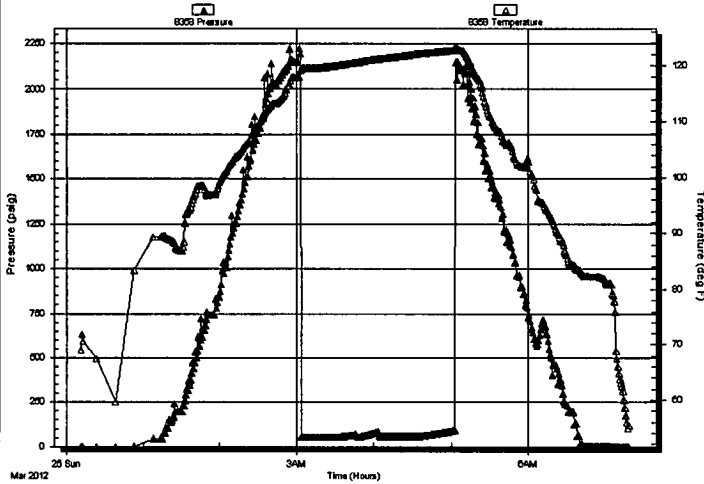
End Time: 07:18:45

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Built to 1/4" blow
IS: No return blow
FF: No blow
FS: No return blow

Pressure vs. Time



PRESSURE SUMMARY

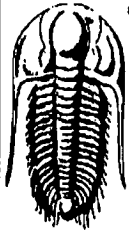
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% m	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tangasco Inc.

14-15s-25w

1327 Noose Rd
P.O.Box 458
Hays KS 67601
ATTN: Mike Bair

Mai-B #3

Job Ticket: 46480

DST#: 1

Test Start: 2012.03.25 @ 00:11:00

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: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

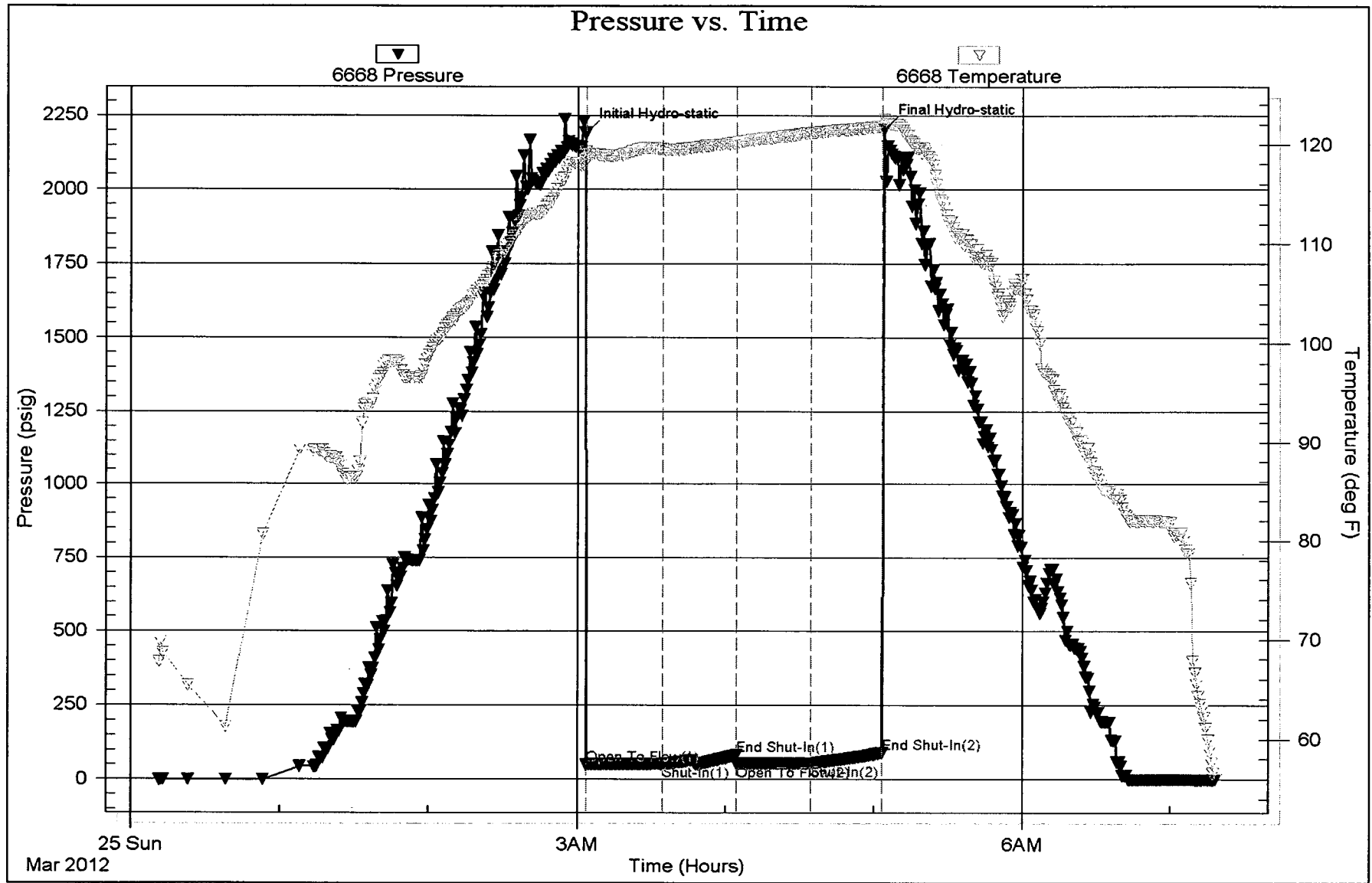
Num Gas Bombs: 0

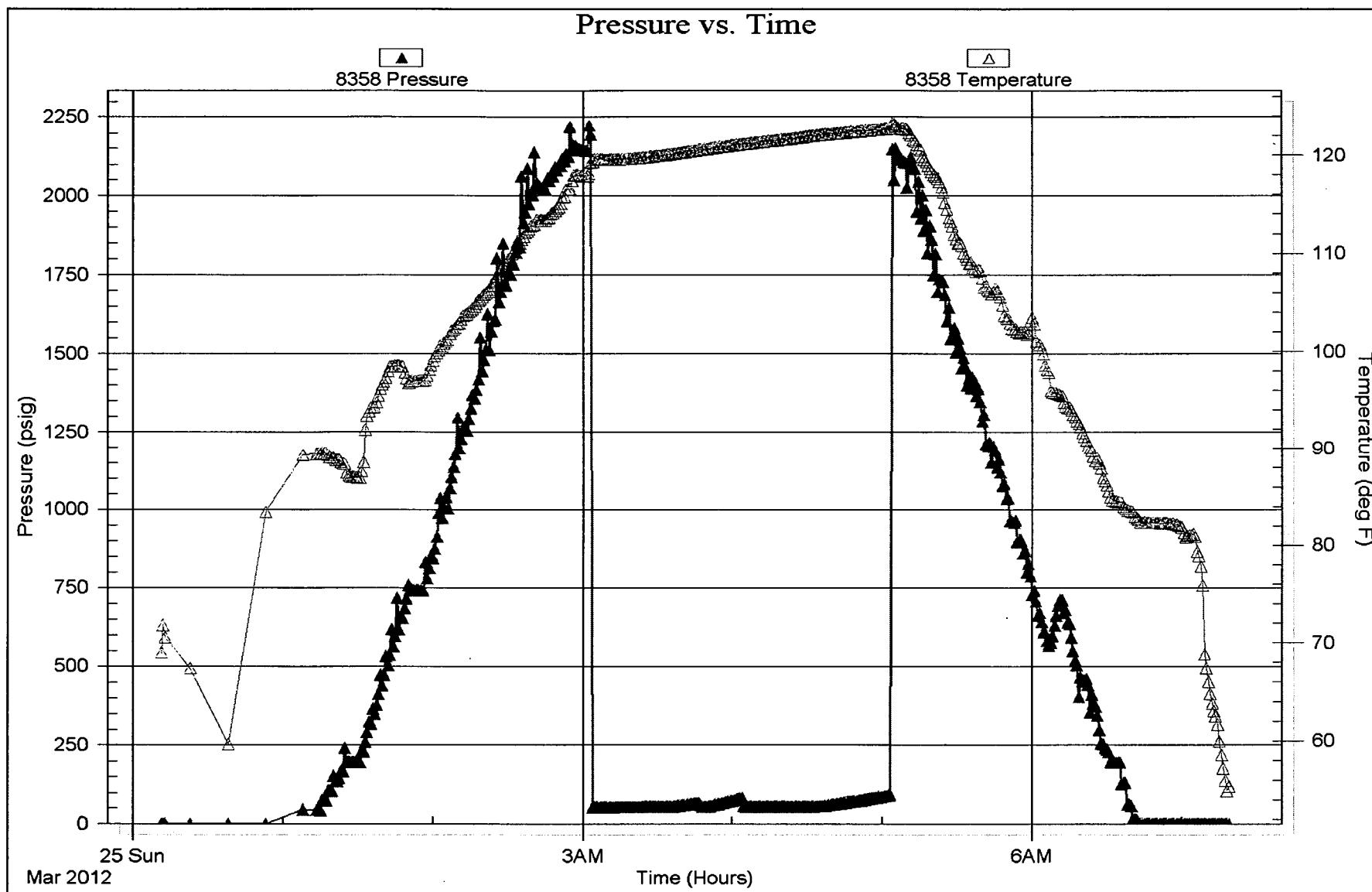
Serial #:

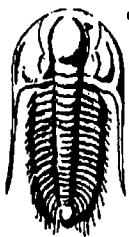
Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Tangasco Inc.
1327 Noose Rd
P.O.Box 458
Hays KS 67601
ATTN: Mike Bair

14-15s-25w
Mai-B #3
Job Ticket: 46482 **DST#: 2**
Test Start: 2012.03.25 @ 18:30:15

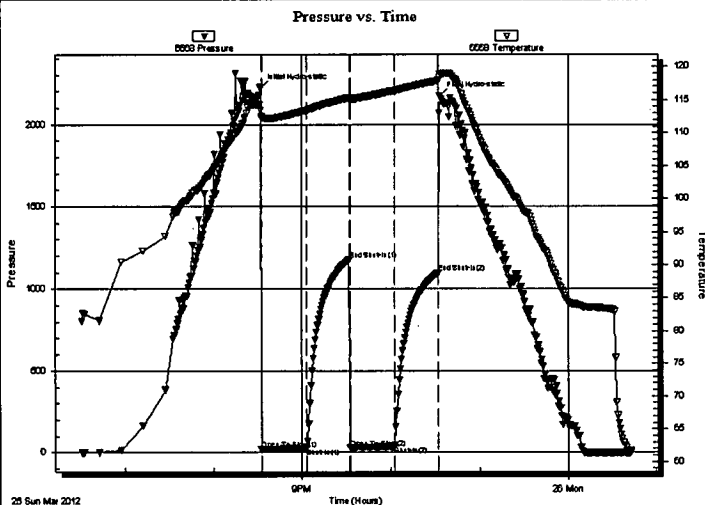
GENERAL INFORMATION:

Formation: **Miss**
Deviated: **No** Whipstock: ft (KB) Test Type: **Conventional Bottom Hole (Reset)**
Time Tool Opened: 20:32:45 Tester: **Mike Roberts**
Time Test Ended: 00:42:45 Unit No: **48**

Interval: **4398.00 ft (KB) To 4437.00 ft (KB) (TVD)** Reference Elevations: 2426.00 ft (KB)
Total Depth: **4437.00 ft (KB) (TVD)** 2416.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: 10.00 ft

Serial #: 6668 **Outside**
Press@RunDepth: 35.20 psig @ 4400.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.03.25 End Date: 2012.03.26 Last Calib.: 2012.03.26
Start Time: 18:30:15 End Time: 00:42:45 Time On Btm: 2012.03.25 @ 20:32:30
Time Off Btm: 2012.03.25 @ 22:33:00

TEST COMMENT: IF: Built to weak surface blow
IS: No return blow
FF: No blow
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2218.45	113.43	Initial Hydro-static
1	17.52	112.27	Open To Flow (1)
31	26.26	113.43	Shut-In(1)
60	1176.64	115.32	End Shut-In(1)
60	27.97	114.88	Open To Flow (2)
90	35.20	116.36	Shut-In(2)
120	1097.89	117.89	End Shut-In(2)
121	2171.41	118.82	Final Hydro-static

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CONSERVATION DIVISION
WICHITA, KS

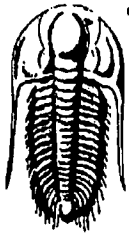
Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tangasco Inc.
1327 Noose Rd
P.O.Box 458
Hays KS 67601
ATTN: Mike Bair

14-15s-25w
Mai-B #3
Job Ticket: 46482 **DST#: 2**
Test Start: 2012.03.25 @ 18:30:15

Mud and Cushion Information

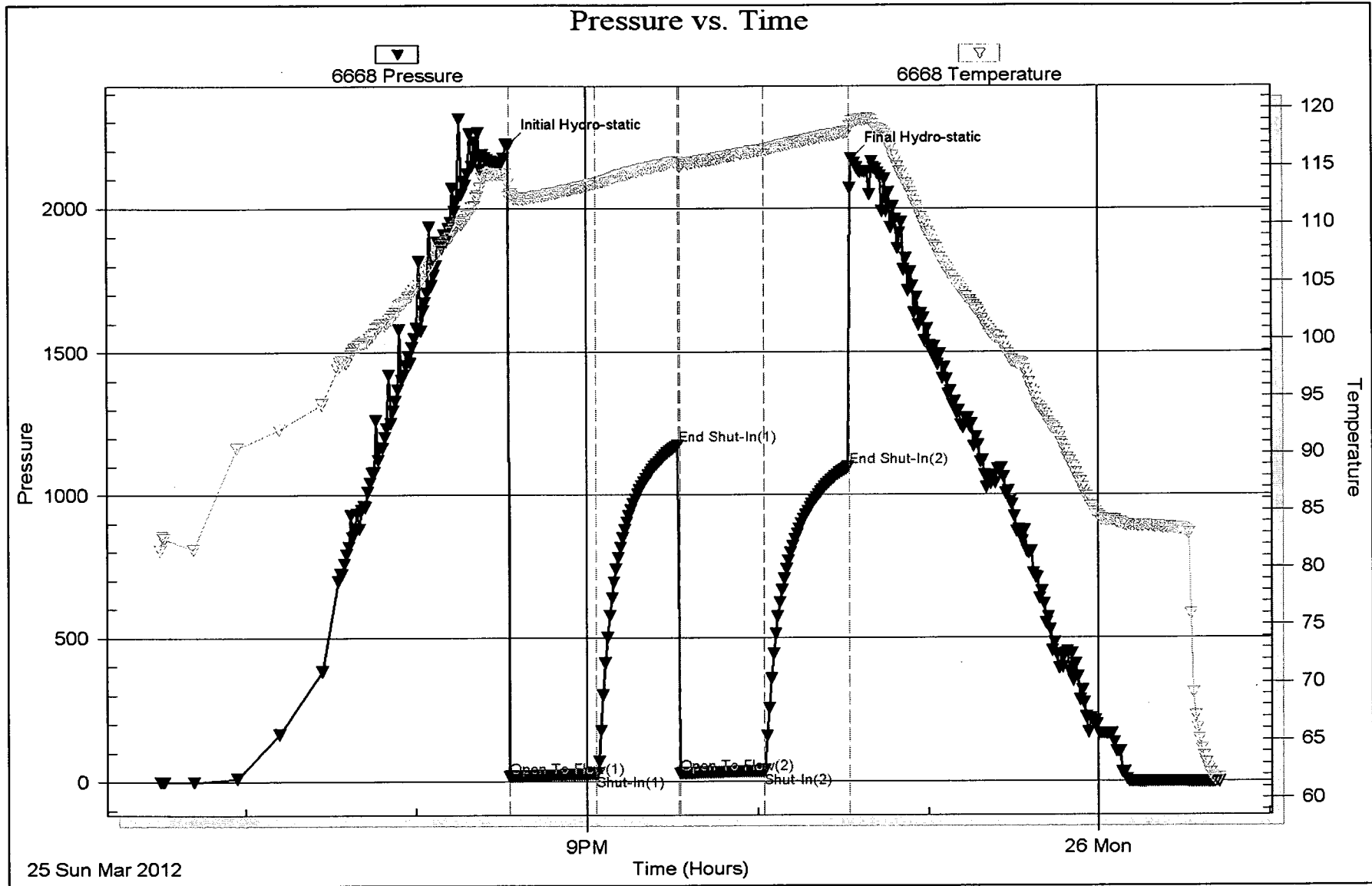
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: 1.00 inches			

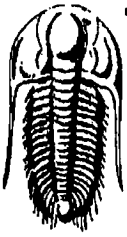
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Tangasco Inc.

14-15s-25w, Trego, KS

1327 Noose Rd
P.O. Box 458
Hays KS 67601
ATTN: Mike Bair

Mai-B #3

Job Ticket: 46047

DST#: 3

Test Start: 2012.03.26 @ 14:35:08

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:24:08

Time Test Ended: 21:32:38

Test Type: Conventional Straddle (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 4377.00 ft (KB) To 4400.00 ft (KB) (TVD)

Reference Elevations: 2426.00 ft (KB)

Total Depth: 4557.00 ft (KB) (TVD)

2416.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8369

Inside

Press@RunDepth: 17.92 psig @ 4378.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.26

End Date: 2012.03.26

Last Calib.: 2012.03.26

Start Time: 14:35:13

End Time: 21:32:37

Time On Btm: 2012.03.26 @ 17:22:38

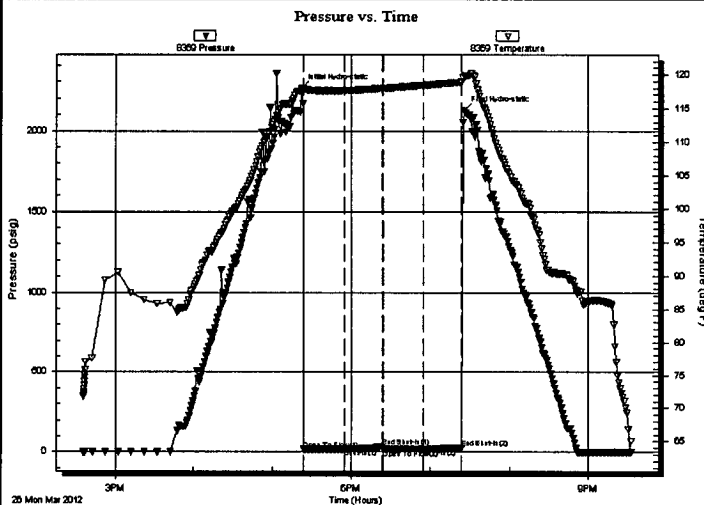
Time Off Btm: 2012.03.26 @ 19:25:38

TEST COMMENT: IF-Very weak surface blow died in 16min

IS-No blow

FF-No blow

FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2260.31	117.65	Initial Hydro-static
2	17.79	117.64	Open To Flow (1)
32	17.84	117.62	Shut-In(1)
61	31.97	117.95	End Shut-In(1)
62	17.72	117.95	Open To Flow (2)
92	17.92	118.41	Shut-In(2)
121	28.71	118.89	End Shut-In(2)
123	2127.11	119.74	Final Hydro-static

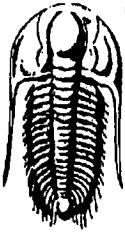
Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Tangasco Inc.

14-15s-25w, Trego, KS

1327 Noose Rd
P.O. Box 458
Hays KS 67601
ATTN: Mike Bair

Mai-B #3

Job Ticket: 46047

DST#: 3

Test Start: 2012.03.26 @ 14:35:08

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:24:08

Time Test Ended: 21:32:38

Interval: 4377.00 ft (KB) To 4400.00 ft (KB) (TVD)

Total Depth: 4557.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Straddle (Reset)

Tester: Brett Dickinson

Unit No: 59

Reference Elevations: 2426.00 ft (KB)

2416.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8319 Below (Straddle)

Press@RunDepth: psig @ 4405.00 ft (KB)

Start Date: 2012.03.26

End Date: 2012.03.26

Capacity: 8000.00 psig

Last Calib.: 2012.03.26

Start Time: 14:35:56

End Time: 21:37:50

Time On Btm:

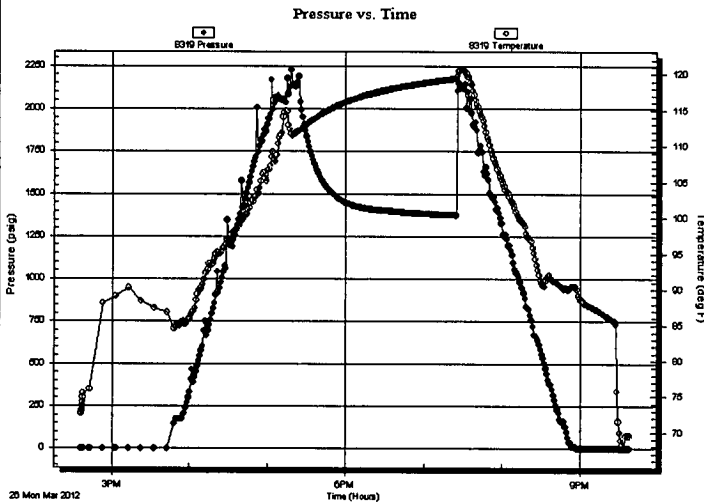
Time Off Btm:

TEST COMMENT: IF-Very weak surface blow died in 16min

ISI-No blow

FF-No blow

FSI-No blow



PRESSURE SUMMARY

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

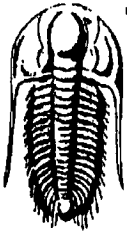
Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tangasco Inc.

14-15s-25w, Trego, KS

1327 Noose Rd
P.O.Box 458
Hays KS 67601
ATTN: Mike Bair

Mai-B #3
Job Ticket: 46047 **DST#: 3**
Test Start: 2012.03.26 @ 14:35:08

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.16 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

