



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1078670  
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: \_\_\_\_\_

1078670

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](mailto: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> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Hartman Oil Co., Inc.
Well Name	Schippers 1-24
Doc ID	1078670

All Electric Logs Run

Array Compensated True Resistivity
Borehole Compensated Sonic Array
Spectral Density Dual Spaced Neutron
Microlog

Form	ACO1 - Well Completion
Operator	Hartman Oil Co., Inc.
Well Name	Schippers 1-24
Doc ID	1078670

Tops

Name	Top	Datum
Heebner	4028	-928
Lansing	4071	-971
B/KC	4356	-1256
Marmanton	4384	-1284
Pawnee	4492	-1392
Ft Scott	4544	-1444
Cherokee	4573	-1473
Johnson	4619	-1519
Mississippi	4676	-1576
LTD	4708	-1608

# ALLIED CEMENTING CO., LLC. 035263

Federal Tax I.D.# 20-5975804

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

oakley

DATE <u>4-1-12</u>	SEC. <u>24</u>	TWP. <u>11s</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00 AM</u>	JOB FINISH <u>5:00 AM</u>
BY <u>Schippers</u>	WELL # <u>1-24</u>	LOCATION <u>oakley 4W 2 1/2 S</u>		COUNTY <u>Logan</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)	<u>WINTO</u>						

CONTRACTOR H2 Drilling  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 330'  
 CASING SIZE 8 5/8 DEPTH 338.5  
 TUBING SIZE DEPTH  
 RILL PIPE DEPTH  
 CLOG DEPTH  
 RES. MAX MINIMUM  
 LEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 15'  
 BRFS.  
 DISPLACEMENT 20.57 BBL  
 EQUIPMENT  
 PUMP TRUCK CEMENTER Andrew  
423-281 HELPER Jerry  
 ULK TRUCK  
347 DRIVER Steven  
 ULK TRUCK  
 DRIVER

OWNER Same  
 CEMENT  
 AMOUNT ORDERED 215 sks com  
3% cc 2% gel  
 COMMON 215 sks @ 16.25 3493.25  
 POZMIX @  
 GEL 4 sks @ 21.25 85.00  
 CHLORIDE 8 sks @ 58.20 465.60  
 ASC @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 HANDLING 227 sks @ 2.125 510.25  
 MILEAGE 118 sk/mile 174.29  
 TOTAL 4729.89

REMARKS:

Cement did circulate

Thank you

CHARGE TO: Hartman oil  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB 338.5  
 PUMP TRUCK CHARGE 1125.00  
 EXTRA FOOTAGE 38' @ .95 36.10  
 MILEAGE 7 miles @ 2.00 14.00  
 MANIFOLD head @ 200.00  
Light Vehicle @ 4.00 28.00  
 @  
 TOTAL 1438.10

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

I, STEVEN CRAIG, of Allied Cementing Co., LLC. do hereby request 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 \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME STEVEN CRAIG  
 SIGNATURE Steven Craig

# ALLIED CEMENTING CO., LLC. 035268

Federal Tax ID # 20-5978804

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

SERVICE POINT: Osage

DATE	4-9-12	SEC.	24	TWP.	13	RANGE	37W	CALLED OUT	ON LOCATION	ON START	ON FINISH
WELL	24-124	WELL #	1-24	LOCATION	24-124-345	WELL #	24-124-345	COUNTY	LOGAN	COUNTY	LOGAN
WELL	24-124	WELL #	1-24	LOCATION	24-124-345	WELL #	24-124-345	COUNTY	LOGAN	COUNTY	LOGAN

CONTRACTOR: H2 Drilling 2 OWNER: same  
 TYPE OF JOB: PTA  
 HOLE SIZE: 2 7/8 T.D. 4725'  
 CASING SIZE: 4 1/2 DEPTH: 3625'  
 TUBING SIZE: 4 1/2 DEPTH: 3625'  
 DRILL PIPE: 4 1/2 DEPTH: 3625'  
 COOL: 4 1/2 DEPTH: 3625'  
 PRES. MAX: MINIMUM  
 WEAS. LINE: SHOE JOINT  
 CEMENT LEFT IN CSG. DISPLACEMENT

COMMON	123 sacks	@ 16.25	1998.75
POZMIX	80 sacks	@ 8.50	680.00
GEL	2 sacks	@ 21.43	42.86
CHLORIDE			
ASC			
Hessal	5704	@ 2.20	1252.80
JUMP TRUCK	CEMENTER	Anderson	
JUMP TRUCK	HELPER	Tracy	
JUMP TRUCK	DRIVER	5724.00	
JUMP TRUCK	DRIVER		

REMARKS:  
 25 sacks @ 16.25'  
 80 sacks @ 8.50'  
 2 sacks @ 21.43'  
 5 sacks Progas hole  
 5 sacks Rat hole  
 Thank you  
 HANK TO: Hartman oil

DEPTH OF JOB	4725'
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	
MILEAGE	7 miles @ 2.00
MANIFOLD	49.00
Light Vehicle	4.00
TOTAL	6327.00

PLUG & FLOAT EQUIPMENT	
854	
1 Day hole plug	22.00
TOTAL	22.00

SALES TAX (if any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_  
 IF PAID IN 30 DAYS

PRINTED NAME: Dennis M. Hartman  
 SIGNATURE: [Signature]

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cement 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.



## DRILL STEM TEST REPORT

Prepared For: **Hartman Oil Co Inc**

10500 E Berkeley SQ Pkwy  
Ste 100  
Wichita KS 67206

ATTN: Stan Mitchell

**32-11s-25w Trego,KS**

**SchambergerTrust #1-32**

Start Date: 2012.01.17 @ 01:45:54

End Date: 2012.01.17 @ 10:31:49

Job Ticket #: 46826                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.01.19 @ 12:12:00



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Hartman Oil Co Inc  
10500 E Berkeley SQ Pkw y  
Ste 100  
Wichita KS 67206  
ATTN: Stan Mitchell

**SchambergerTrust #1-32**  
**32-11s-25w Trego,KS**  
Job Ticket: 46826 **DST#: 1**  
Test Start: 2012.01.17 @ 01:45:54

## GENERAL INFORMATION:

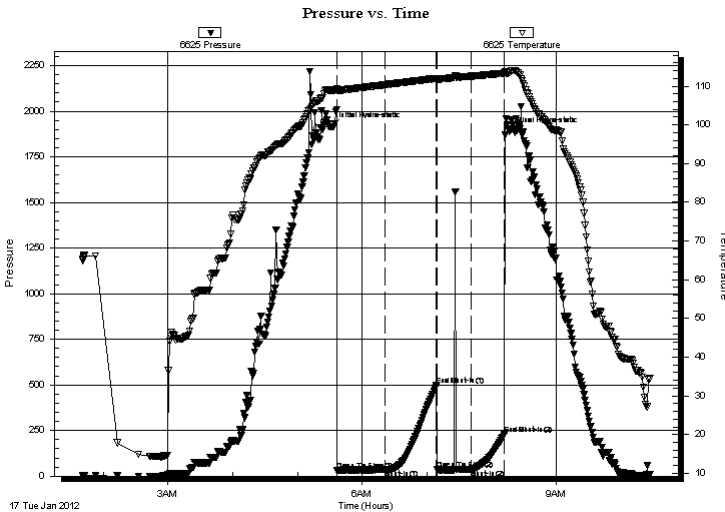
Formation: **LKC H-I**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 05:40:49  
Time Test Ended: 10:31:49  
Interval: **4015.00 ft (KB) To 4068.00 ft (KB) (TVD)**  
Total Depth: 4068.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Ray Schwager  
Unit No: 42  
Reference Elevations: 2577.00 ft (KB)  
2567.00 ft (CF)  
KB to GR/CF: 10.00 ft

## Serial #: 6625 Inside

Press @ Run Depth: 38.62 psig @ 4030.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2012.01.17 End Date: 2012.01.17 Last Calib.: 2012.01.17  
Start Time: 01:40:54 End Time: 10:26:49 Time On Btm: 2012.01.17 @ 05:31:49  
Time Off Btm: 2012.01.17 @ 08:16:48

TEST COMMENT: 45-IFP-w k 1/4"bl , died in 40 min  
45-ISIP-no bl  
30-FFP-no bl , flushed tool  
30-FSIP-no bl

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1914.99	108.99	Initial Hydro-static
5	32.01	108.97	Open To Flow (1)
50	35.55	110.37	Shut-In(1)
97	496.10	112.01	End Shut-In(1)
98	36.36	111.88	Open To Flow (2)
129	38.62	112.56	Shut-In(2)
160	231.01	113.36	End Shut-In(2)
165	1888.65	113.45	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud w/show of oil	0.10

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Hartman Oil Co Inc  
10500 E Berkeley SQ Pkwy  
Ste 100  
Wichita KS 67206  
ATTN: Stan Mitchell

**SchambergerTrust #1-32**  
**32-11s-25w Trego,KS**  
Job Ticket: 46826 **DST#: 1**  
Test Start: 2012.01.17 @ 01:45:54

**Tool Information**

Drill Pipe:	Length: 3707.00 ft	Diameter: 3.80 inches	Volume: 52.00 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 53.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4015.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	74.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
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Change Over Sub	1.00			3995.00	
Shut In Tool	5.00			4000.00	
Hydraulic tool	5.00			4005.00	
Packer	5.00			4010.00	21.00 Bottom Of Top Packer
Packer	5.00			4015.00	
Stubb	1.00			4016.00	
Perforations	14.00			4030.00	
Recorder	0.00	6625	Inside	4030.00	
Recorder	0.00	8700	Outside	4030.00	
Blank Spacing	33.00			4063.00	
Perforations	2.00			4065.00	
Bullnose	3.00			4068.00	53.00 Bottom Packers & Anchor

**Total Tool Length: 74.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Hartman Oil Co Inc  
10500 E Berkeley SQ Pkw y  
Ste 100  
Wichita KS 67206  
ATTN: Stan Mitchell

**SchambergerTrust #1-32**  
**32-11s-25w Trego,KS**  
Job Ticket: 46826      **DST#: 1**  
Test Start: 2012.01.17 @ 01:45:54

## Mud and Cushion Information

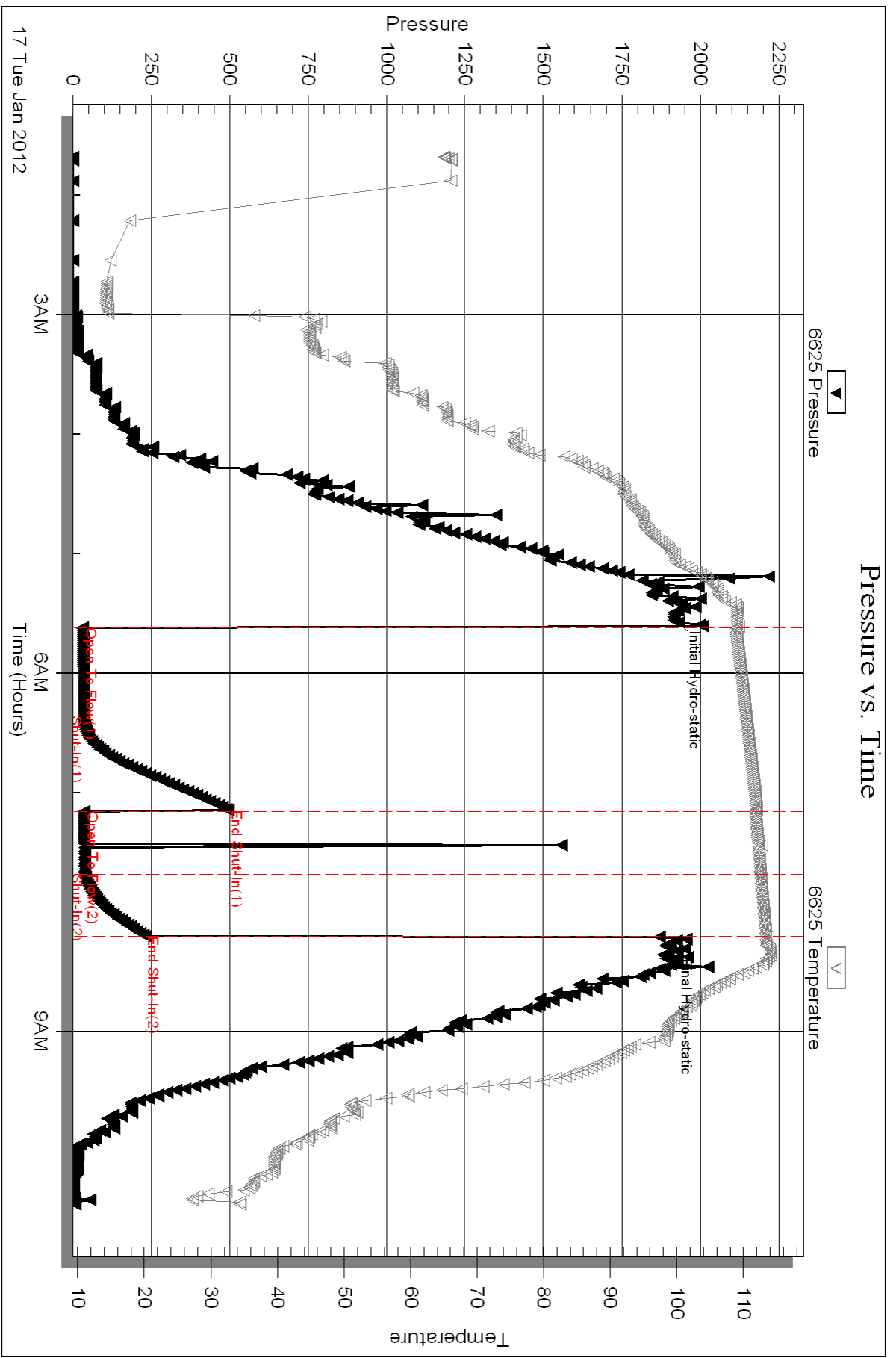
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.77 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud w/show of oil	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:

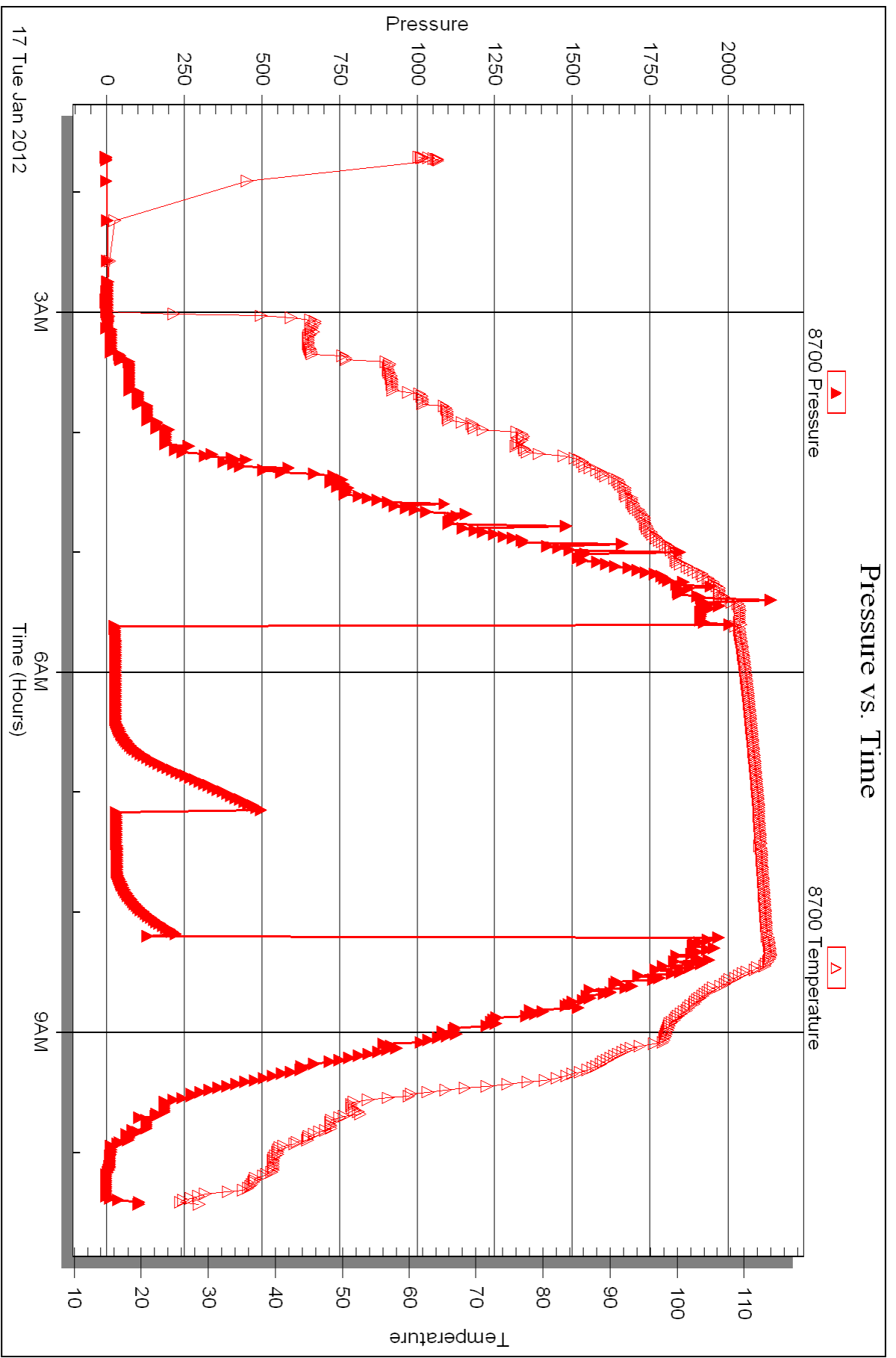


Serial #: 8700

Outside Hartman Oil Co Inc

32-11s-25w Trego, KS

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Hartman Oil Co Inc**

10500 E Berkeley SQ Pkwy  
Ste 100  
Wichita KS 67206

ATTN: Stan Mitchell

**32-11s-25w Trego,KS**

**SchambergerTrust #1-32**

Start Date: 2012.01.18 @ 11:40:30

End Date: 2012.01.18 @ 18:46:54

Job Ticket #: 46827                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.01.19 @ 12:10:49



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Hartman Oil Co Inc  
 10500 E Berkeley SQ Pkwy  
 Ste 100  
 Wichita KS 67206  
 ATTN: Stan Mitchell

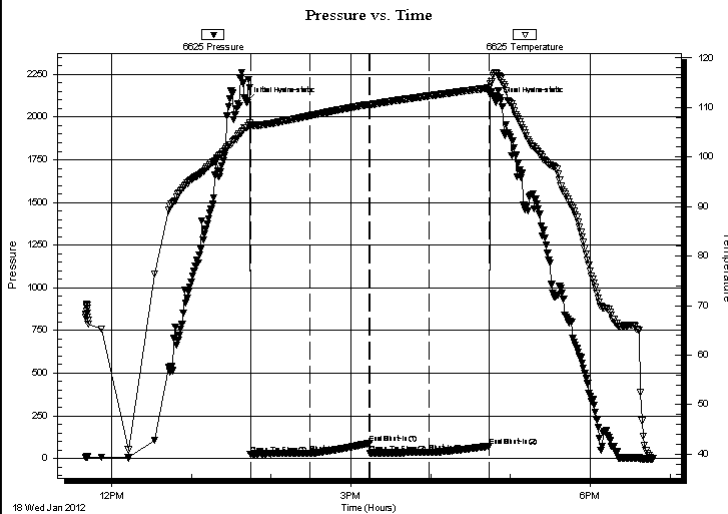
**SchambergerTrust #1-32**  
**32-11s-25w Trego,KS**  
 Job Ticket: 46827 **DST#: 2**  
 Test Start: 2012.01.18 @ 11:40:30

## GENERAL INFORMATION:

Formation: **Ft Scott**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 13:44:25  
 Time Test Ended: 18:46:54  
 Interval: **4333.00 ft (KB) To 4376.00 ft (KB) (TVD)**  
 Total Depth: 4476.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ray Schwager  
 Unit No: 42  
 Reference Elevations: 2577.00 ft (KB)  
 2567.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 6625 Inside**  
 Press @ Run Depth: 35.36 psig @ 4342.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.01.18 End Date: 2012.01.18 Last Calib.: 2012.01.18  
 Start Time: 11:40:30 End Time: 18:46:54 Time On Btm: 2012.01.18 @ 13:41:25  
 Time Off Btm: 2012.01.18 @ 16:48:54

**TEST COMMENT:** 45-IFP-w k bl 1/2"to 2 1/4"bl  
 45-ISIP-no bl  
 45-FFP-w k bl 1/4"to 1"bl  
 45-FSIP-no bl



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2090.40	106.00	Initial Hydro-static
3	24.16	106.48	Open To Flow (1)
48	31.24	108.33	Shut-In(1)
93	90.26	110.65	End Shut-In(1)
93	30.44	110.65	Open To Flow (2)
138	35.36	112.35	Shut-In(2)
183	71.65	113.96	End Shut-In(2)
188	2088.09	117.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	90' GIP	0.00
10.00	MGO 5%G40%M55%O	0.05
20.00	HO&GCM 5%G35%O60%M	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**

Hartman Oil Co Inc  
10500 E Berkeley SQ Pkwy  
Ste 100  
Wichita KS 67206  
ATTN: Stan Mitchell

**SchambergerTrust #1-32**  
**32-11s-25w Trego,KS**  
Job Ticket: 46827      **DST#: 2**  
Test Start: 2012.01.18 @ 11:40:30

**Tool Information**

Drill Pipe:	Length: 4020.00 ft	Diameter: 3.80 inches	Volume: 56.39 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose:	95000.00 lb
			<u>Total Volume: 57.87 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4333.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	43.00 ft				
Tool Length:	64.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4313.00	
Shut In Tool	5.00			4318.00	
Hydraulic tool	5.00			4323.00	
Packer	5.00			4328.00	21.00      Bottom Of Top Packer
Packer	5.00			4333.00	
Stubb	1.00			4334.00	
Perforations	8.00			4342.00	
Recorder	0.00	6625	Inside	4342.00	
Recorder	0.00	8700	Outside	4342.00	
Blank Spacing	31.00			4373.00	
Bullnose	3.00			4376.00	43.00      Bottom Packers & Anchor

**Total Tool Length: 64.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Hartman Oil Co Inc  
10500 E Berkeley SQ Pkw y  
Ste 100  
Wichita KS 67206  
ATTN: Stan Mitchell

**SchambergerTrust #1-32**  
**32-11s-25w Trego,KS**  
Job Ticket: 46827      **DST#: 2**  
Test Start: 2012.01.18 @ 11:40:30

## Mud and Cushion Information

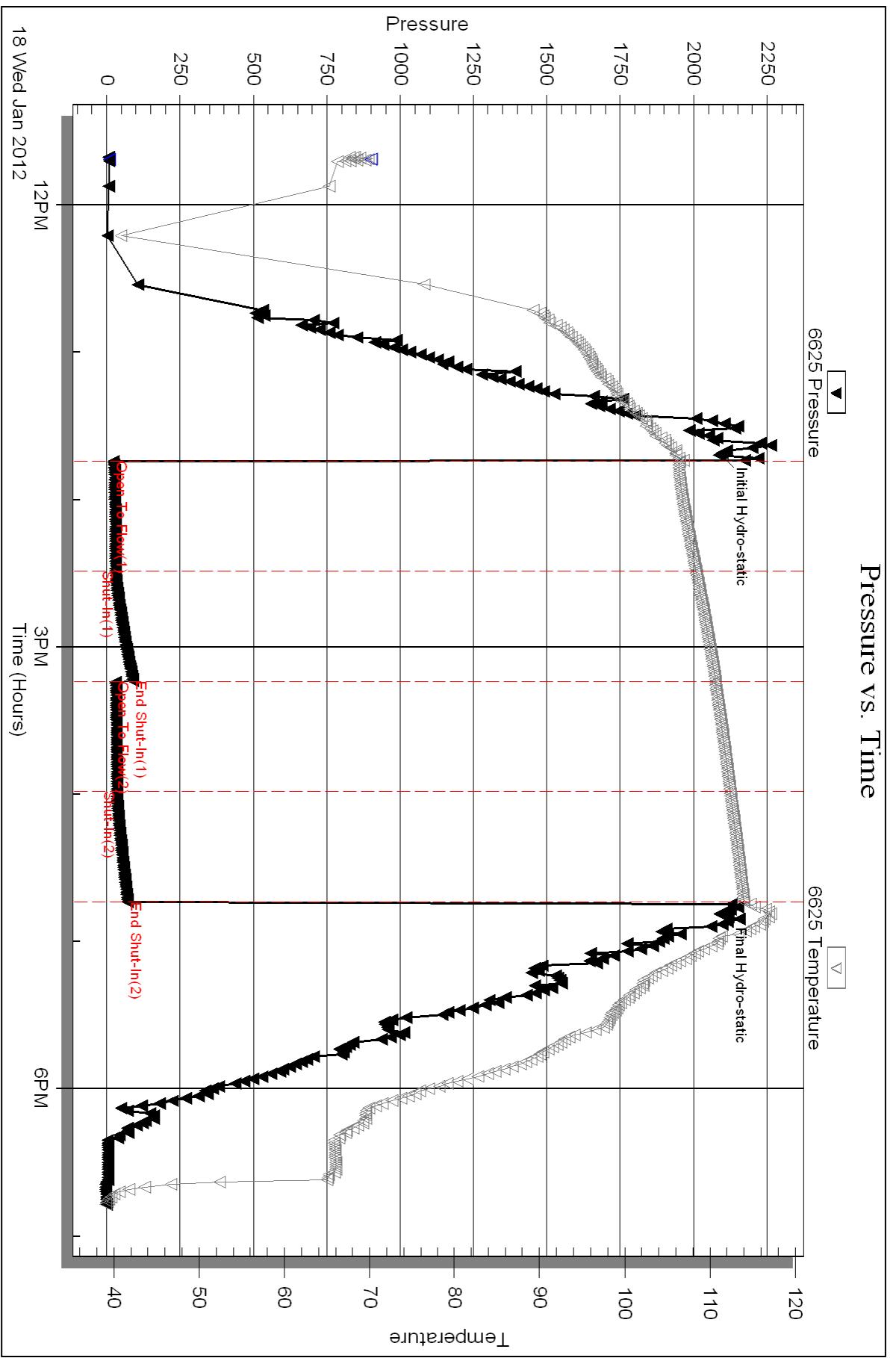
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.38 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1800.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	90' GIP	0.000
10.00	MGO 5%G40%M55%O	0.049
20.00	HO&GCM 5%G35%O60%M	0.098

Total Length: 30.00 ft      Total Volume: 0.147 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

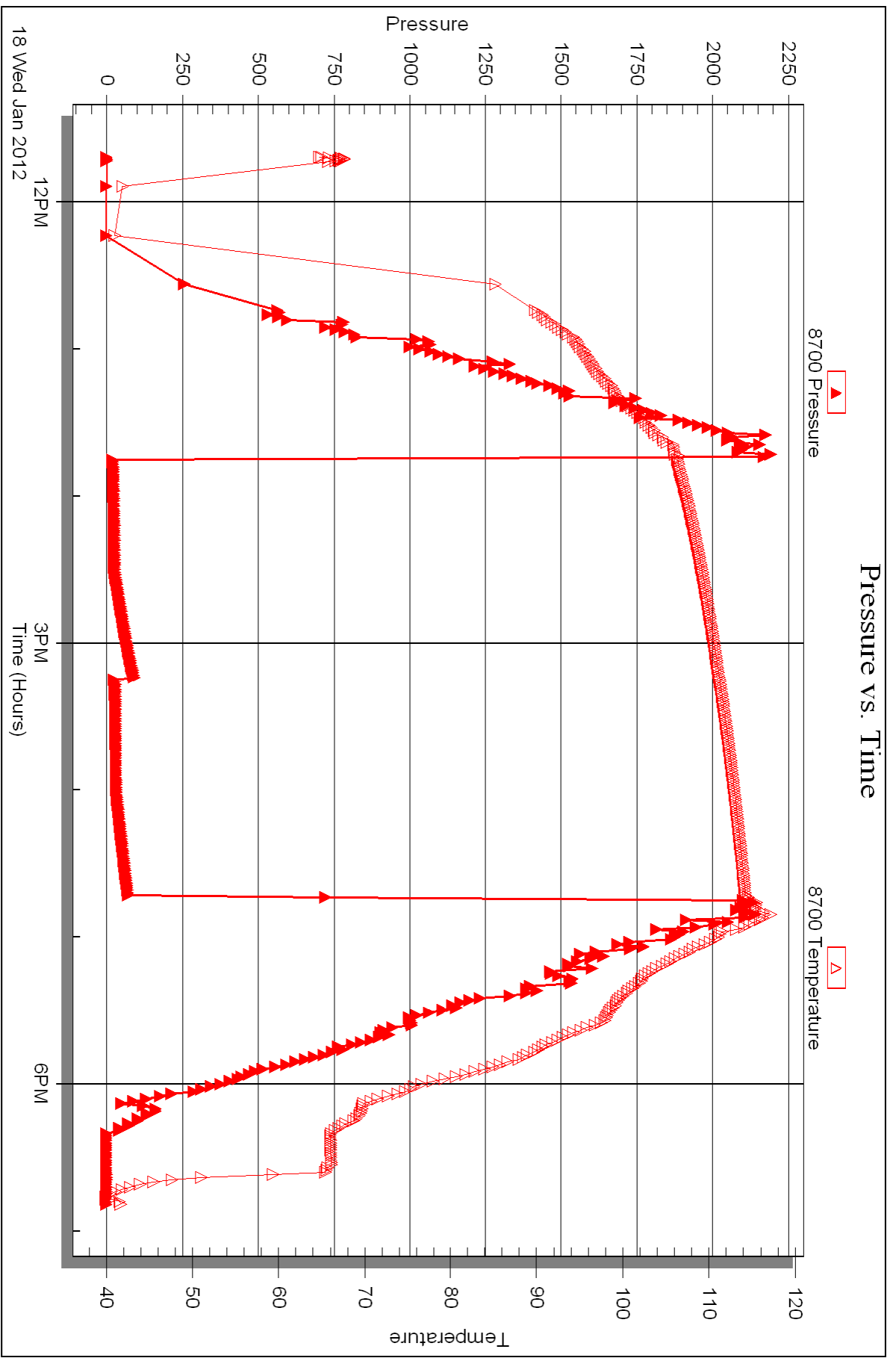


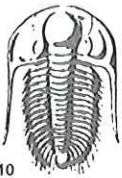
Serial #: 8700

Outside Hartman Oil Co Inc

32-11s-25w Trego KS

DST Test Number: 2





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
JAN 18 2012

## Test Ticket

NO. 46826

BY: \_\_\_\_\_

Well Name & No. Schamberger Trust #132 Test No. 1 Date 1-16-12  
 Company HARTMAN OIL Co. INC Elevation 2577 KB 2567 GL  
 Address 10500 E. Berkeley SQ Pkwy Ste 100 WICHITA, Ks 67206  
 Co. Rep / Geo. KITT NOAK Rig H2 rig 3  
 Location: Sec. 32 Twp. 11<sup>s</sup> Rge. 25<sup>w</sup> Co. Trego State Ks

Interval Tested 4015-4068 Zone Tested LKC H-I  
 Anchor Length 53 Drill Pipe Run 3707 Mud Wt. 9.2  
 Top Packer Depth 4010 Drill Collars Run 300 Vis 58  
 Bottom Packer Depth 4015 Wt. Pipe Run - WL 6.8  
 Total Depth 4068 Chlorides 1900 ppm System LCM 3#

Blow Description IFP - WEAK 1/4" Blow, died in 40 min  
ISIP - NO BLOW  
FFP - NO BLOW, flushed Tool,  
FSIP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>Mud</u>				
	<u>w/show of oil</u>				

Rec Total 20 BHT 1 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic 1914  Test 1225' T-On Location 2300  
 (B) First Initial Flow 32  Jars - T-Started 0145  
 (C) First Final Flow 35  Safety Joint - T-Open 0540  
 (D) Initial Shut-In 496  Circ Sub - T-Pulled 0810  
 (E) Second Initial Flow 36  Hourly Standby - T-Out -  
 (F) Second Final Flow 38  Mileage 100 RT 140' Comments -  
 (G) Final Shut-In 231  Sampler -  
 (H) Final Hydrostatic 1888  Straddle -  Ruined Shale Packer -  
 Shale Packer -  Ruined Packer -  
 Extra Packer -  Extra Copies -  
 Initial Open 45  Extra Recorder - Sub Total cb  
 Initial Shut-In 45  Day Standby - Total 1365'  
 Final Flow 30  Accessibility - MP/DST Disc't -  
 Final Shut-In 30 Sub Total 1365'

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



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
JAN 19 2012

## Test Ticket

NO. 46827

Well Name & No. Schamberger Trust #1-32 BY:                      Test No. 2 Date 1-18-12  
 Company HARTMAN OIL Co Inc Elevation 2577 KB 2567 GL                       
 Address 10500 E. Berkeley SQ Pkwy Ste 100 WICHITA, KS 67206  
 Co. Rep / Geo. KITT Noah Rig H2 rig 3  
 Location: Sec. 32 Twp. 11<sup>s</sup> Rge. 25<sup>w</sup> Co. Trego State Ks

Interval Tested 4333-4376 Zone Tested FT SCOTT  
 Anchor Length 43 Drill Pipe Run 4020 Mud Wt. 9.3  
 Top Packer Depth 4328 Drill Collars Run 300 Vis 60  
 Bottom Packer Depth 4333 Wt. Pipe Run - WL 6.4  
 Total Depth 4376 Chlorides 1800 ppm System LCM 2#

Blow Description IFP - WEAK Blow 1/2" To 2 1/4" Blow  
ISIP - NO Blow  
FFP - WEAK Blow 1/4" To 1" Blow  
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>GIP</u>				
<u>10</u>	<u>MGO</u>	<u>5</u>	<u>55</u>	<u>40</u>	<u>                    </u>
<u>20</u>	<u>HO + GCM</u>	<u>5</u>	<u>35</u>	<u>60</u>	<u>                    </u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 30 BHT 114 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic 2090  Test 1225' T-On Location 1030  
 (B) First Initial Flow 24  Jars                      T-Started 1140  
 (C) First Final Flow 31  Safety Joint                      T-Open 1345  
 (D) Initial Shut-In 90  Circ Sub                      T-Pulled 1645  
 (E) Second Initial Flow 30  Hourly Standby                      T-Out 1846  
 (F) Second Final Flow 35  Mileage 100 RT 140' Comments                       
 (G) Final Shut-In 71  Sampler                       
 (H) Final Hydrostatic 2088  Straddle                       Ruined Shale Packer                       
 Shale Packer                       Ruined Packer                     

Initial Open 45  Extra Packer                       Extra Copies                       
 Initial Shut-In 45  Extra Recorder                      Sub Total 0  
 Final Flow 45  Day Standby                      Total 1365'  
 Final Shut-In 45  Accessibility                      MP/DST Disc't                     

Approved By Kitt Noah Sub Total 1365' Our Representative Ray Schwager Thank you

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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  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

April 27, 2012

Stan Mitchell  
Hartman Oil Co., Inc.  
10500 E BERKELEY SQ PKWY STE 100  
WICHITA, KS 67206

Re: ACO1  
API 15-109-21077-00-00  
Schippers 1-24  
NE/4 Sec.24-11S-33W  
Logan 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,  
Stan Mitchell