



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1101409
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: _____



1101409

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: 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

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Hartman Oil Co., Inc.
Well Name	WILKINSON 1-22
Doc ID	1101409

All Electric Logs Run

Dual Spaced Neutron Spectral Density
Array Compensated True Resistivity
Radial Cement Bond
Microlog

Form	ACO1 - Well Completion
Operator	Hartman Oil Co., Inc.
Well Name	WILKINSON 1-22
Doc ID	1101409

Tops

Name	Top	Datum
Heebner	3991	-868
Toronto	4004	-881
Lansing	4033	-910
B/KC	4430	-1307
Marmaton	4486	-1363
Pawnee	4576	-1453
Ft Scott	4620	-1497
Cherokee	4647	-1524
Johnson	4706	-1583
LTD	4944	-1821

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
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

December 11, 2012

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

Re: ACO1
API 15-171-20913-00-00
WILKINSON 1-22
SW/4 Sec.22-17S-34W
Scott 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



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 133322
Invoice Date: Oct 27, 2012
Page: 1



Bill To:
Hartman Oil Co., Inc. H2 Drilling & H2 Trucking 3545 W. Jones Avenue Garden City, KS 67846

85031

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Hart	Wilkinson #1-22	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Oct 27, 2012	11/26/12

Quantity	Item	Description	Unit Price	Amount
205.00	MAT	Class A Common	17.90	3,669.50
4.00	MAT	Gel	23.40	93.60
7.00	MAT	Chloride	64.00	448.00
221.67	SER	Cubic Feet	2.48	549.74
566.72	SER	Ton Mileage	2.60	1,473.47
1.00	SER	Surface	1,512.25	1,512.25
56.00	SER	Pump Truck Mileage	7.70	431.20
1.00	SER	Manifold Swedge Rental	275.00	275.00
56.00	SER	Light Vehicle Mileage	4.40	246.40
1.00	CEMENTER	Darren Racette		
1.00	EQUIP OPER	Tyler Flipse		
1.00	OPER ASSIST	Brandon Wilkinson		

Dr. Wilkerson
11-6-12

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 2000.80

ONLY IF PAID ON OR BEFORE
Nov 21, 2012

Subtotal	8,699.16
Sales Tax	349.52
Total Invoice Amount	9,048.68
Payment/Credit Applied	
TOTAL	9,048.68

**NEW WELL
DRILLED**

ALLIED OIL & GAS SERVICES, LLC 058947

Federal Tax I.D.# 20-5976804

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

SERVICE POINT:
Oakley

DATE <u>10-27-12</u>	SEC. <u>22</u>	TWP. <u>17</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00 pm</u>	JOB FINISH <u>7:30 pm</u>
WELL # <u>Wilkinson</u>	WELL # <u>1-22</u>		LOCATION <u>Modoc E To Dakota Rd N</u>	COUNTY <u>Scott</u>	STATE <u>Ks.</u>		
OLD OR <u>NEW</u> (Circle one)			<u>W - 4 N - E into</u>				

CONTRACTOR H2 #3

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 335

CASING SIZE 8 3/8 DEPTH 334.60

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 20.35

OWNER Same

CEMENT AMOUNT ORDERED 20.5 sks Com 3% CC

2% Gel

COMMON	<u>20.5 sks @ 17.20</u>	<u>\$3669.50</u>
POZMIX		
OEL	<u>4 sks @ 23.40</u>	<u>\$93.60</u>
CHLORIDE	<u>7 sks @ 64.00</u>	<u>\$448.00</u>
ASC		

EQUIPMENT

PUMP TRUCK CEMENTER Allen Racette 1

423-281 HELPER Tyler Flipse 2

TULK TRUCK DRIVER Brandon Wilkison 3

273-308

TULK TRUCK DRIVER

HANDLING	<u>221.67 CF x 2.42</u>	<u>\$549.74</u>
MILBAGE	<u>10.12 x 56 x 2.60</u>	<u>\$1473.92</u>
TOTAL		<u>\$6234.37</u>

566.72

REMARKS:

Mix Cement

Displace with water

Cement did circulate.

Thank You

SERVICE

DEPTH OF JOB 334.60'

PUMP TRUCK CHARGE \$7512.35

EXTRA FOOTAGE

MILBAGE 56 @ \$7.12 \$481.20

MANIFOLD Speedge \$275.00

LV milenge \$4.42 \$246.40

TOTAL \$2464.85

CHARGE TO: Hartman oil

TREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

TOTAL

You: Allied Oil & Gas Services, LLC.

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

PRINTED NAME Gary Artell

SIGNATURE Gary Artell

SALES TAX (If Any) 349.52

TOTAL CHARGES 8,699.16

DISCOUNT 2000.80 IF PAID IN 30 DAYS

2390



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 133453
Invoice Date: Nov 7, 2012
Page: 1



Bill To:
Hartman Oil Co., Inc. H2 Drilling & H2 Trucking 3545 W. Jones Avenue Garden City, KS 67846

85031

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Hart	Wilkinson #1-22	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Nov 7, 2012	12/7/12

Quantity	Item	Description	Unit Price	Amount
200.00	MAT	Class A Common	17.90	3,580.00
3.00	MAT	Gel	23.40	70.20
650.00	MAT	Lightweight	15.95	10,367.50
750.00	MAT	Gilsonite	0.98	735.00
162.00	MAT	Flo Seal	2.97	481.14
15.00	MAT	Salt	26.35	395.25
948.42	SER	Cubic Feet	2.48	2,352.08
2,245.04	SER	Ton Mileage	2.60	5,837.10
1.00	SER	Production -- Bottom Stage	2,765.75	2,765.75
1.00	SER	Production -- Top Stage	2,406.25	2,406.25
56.00	SER	Pump Truck Mileage	7.70	431.20
1.00	SER	Manifold Head Rental	275.00	275.00
56.00	SER	Light Vehicle Mileage	4.40	246.40
1.00	EQP	5.5 AFU Float Shoe	408.33	408.33
1.00	EQP	5.5 Latch Down Plug Assembly	324.09	324.09
1.00	EQP	5.5 D V Tool	5,335.26	5,335.26
2.00	EQP	5.5 Basket	394.29	788.58
10.00	EQP	5.5 Centralizer	57.33	573.30
1.00	CEMENTER	Andrew Forslund		
1.00	EQUIP OPER	Dane Retzloff		
1.00	OPER ASSIST	Kevin Ryan		

**NEW WELL
DRILLED**

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$

ONLY IF PAID ON OR BEFORE
Dec 2, 2012

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
TOTAL	Continued



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 133453
Invoice Date: Nov 7, 2012
Page: 2



Bill To:
Hartman Oil Co., Inc. H2 Drilling & H2 Trucking 3545 W. Jones Avenue Garden City, KS 67846

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Hart	Wilkinson #1-22	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Nov 7, 2012	12/7/12

Quantity	Item	Description	Unit Price	Amount
1.00	OPER ASSIST	Paul Beaver		
1.00	OPER ASSIST	Brandon Wilkinson		
1.00	OPER ASSIST	D J Gray		
NEW WELL DRILLED				

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 9716.83

ONLY IF PAID ON OR BEFORE
Dec 2, 2012

Subtotal	37,372.43
Sales Tax	1,913.87
Total Invoice Amount	39,286.30
Payment/Credit Applied	
TOTAL	39,286.30

A. Wilkerson
11-20-12

ALLIED OIL & GAS SERVICES, LLC 058964

Federal Tax I.D.# 20-5976804

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

SERVICE POINT:

DATE <u>11-2-12</u>	SEC. <u>22</u>	TWP. <u>12</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	JOB START <u>11:20 AM</u>	JOB FINISH <u>11:00 AM</u>
EASE <u>Wilkinson</u>	WELL # <u>1-22</u>		LOCATION <u>Pence, JS & Ninto</u>		COUNTY <u>Scott</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Ha #3 OWNER same

TYPE OF JOB Production (2 stage)

JOB SIZE 2 1/2" T.D. 4950'

ASINO SIZE 5/2" DEPTH 4950.0'

UBINO SIZE DEPTH

RILL PIPE DEPTH

COLL OV DEPTH 2440'

RES. MAX MINIMUM

IEAS. LINE SHOE JOINT 18.99

EMENT LEFT IN CSG. 18.99

ERFS. bottom top

ISPLACEMENT 112.07 58.07

CEMENT

AMOUNT ORDERED 150 sks Lite & Wilsonite
440 steel 150 sks com 1080 soft 285 gal
500 sks Lite 440 steel 50 sks com

COMMON <u>200 sks</u>	@ <u>12.90</u>	<u>2580.00</u>
POZMIX	@	
GEL <u>3 sks</u>	@ <u>23.40</u>	<u>70.20</u>
CHLORIDE	@	
ASC	@	
Lite <u>150 sks</u>	@ <u>15.25</u>	<u>2287.50</u>
	@	
Wilsonite <u>250 #</u>	@ <u>9.8</u>	<u>2450.00</u>
	@	
Flow seal <u>16.2 #</u>	@ <u>2.92</u>	<u>481.14</u>
	@	
soft <u>15 sks</u>	@ <u>26.25</u>	<u>393.75</u>
	@	
HANDLING <u>948.42 cu/ft</u>	@ <u>2.48</u>	<u>2352.08</u>
MILEAGE <u>2.60 hrs/mile</u>	@ <u>40.09</u>	<u>104.23</u>
		TOTAL <u>23818.27</u>

EQUIPMENT

UMP TRUCK CEMENTER Andrew Prust

431 HELPER Dane Kufel

ULK TRUCK 323 DRIVER Kevin Ryan

ULK TRUCK 540 DRIVER Paul Brewer

347 Brandon

REMARKS: Williamson

ix 150 sks Lite followed by 285 gal com. wash
pump and line clean. Displace plug 1200'
1 FT. land plug 1800'. Float held. 0.00
2V tool. 800'. Plug set hole 30 sks
2x 470 sks Lite followed by 50 sks
com. wash pump and line clean
Release plug and Displace. 900'
1 FT. land plug 1700'. Tool closed
ement did circulate.

THANK YOU

TARGET TO: Hartman oil

FREET _____

TY _____ STATE _____ ZIP _____

or Allied Oil & Gas Services, LLC.
ou are hereby requested to rent cementing equipment
id furnish cementer and helper(s) to assist owner or
ontractor to do work as is listed. The above work was
one to satisfaction and supervision of owner agent or
nfractor. I have read and understand the "GENERAL
ERMS AND CONDITIONS" listed on the reverse side.

UNTED NAME Randall Smith

ONATURE [Signature]

SERVICE

DEPTH OF JOB <u>4950.0'</u>	@ <u>1.00</u>	<u>4950.00</u>
PUMP TRUCK CHAROB <u>2.5 hrs</u>	@ <u>170.00</u>	<u>425.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>5.6 miles</u>	@ <u>2.20</u>	<u>123.20</u>
MANIFOLD head	@	<u>275.00</u>
Light vehicle	@ <u>4.40</u>	<u>246.40</u>
	@	
		TOTAL <u>6124.60</u>

PLUG & FLOAT EQUIPMENT

<u>5/2</u>		
1 Fly float shoe	@	<u>408.03</u>
1 Latch down plug Assy	@	<u>324.09</u>
1 DV tool	@	<u>305.26</u>
2 Baskets	@ <u>394.39</u>	<u>788.78</u>
10 Centralizers	@ <u>52.25</u>	<u>522.50</u>
		TOTAL <u>2429.66</u>

SALES TAX (If Any) 1413.86

TOTAL CHARGES 37372.43

DISCOUNT 9716.83 IF PAID IN 30 DAYS

DATE 11-2-12

2670



DRILL STEM TEST REPORT

Prepared For: **Hartman Oil Co.**

10500 E Berkeley Sq Pkwy
STE 100
Wichita, KS 67206

ATTN: Kitt Noah

Wilkinson #1-22

22 17s 34w Scott,KS

Start Date: 2012.11.02 @ 15:16:30

End Date: 2012.11.03 @ 00:26:15

Job Ticket #: 49764 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.11.13 @ 15:54:42



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hartman Oil Co.
10500 E Berkeley Sq Pkw y
STE 100
Wichita, KS 67206
ATTN: Kitt Noah

22 17s 34w Scott,KS

Wilkinson #1-22

Job Ticket: 49764

DST#: 1

Test Start: 2012.11.02 @ 15:16:30

GENERAL INFORMATION:

Formation: **LKC J-K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:21:45
 Time Test Ended: 00:26:15
 Interval: **4300.00 ft (KB) To 4356.00 ft (KB) (TVD)**
 Total Depth: 4356.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Bradley Walter
 Unit No: 53
 Reference Elevations: 3123.00 ft (KB)
 3113.00 ft (CF)
 KB to GR/CF: 10.00 ft

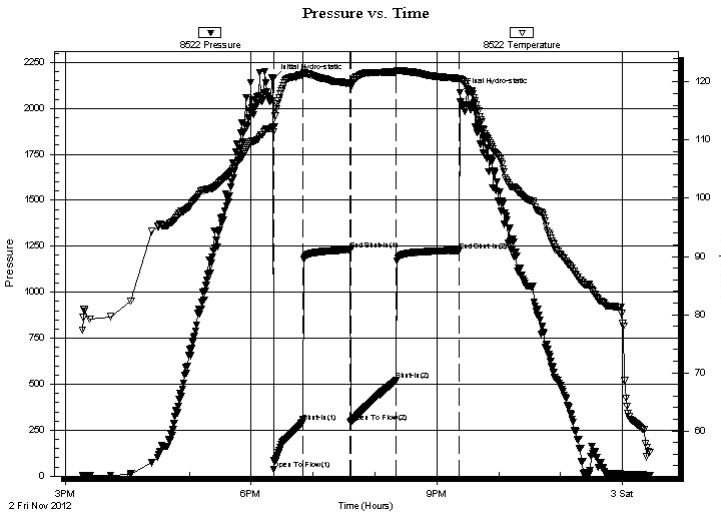
Serial #: 8522

Outside

Press @ Run Depth: 520.72 psig @ 4301.00 ft (KB)
 Start Date: 2012.11.02 End Date: 2012.11.03
 Start Time: 15:16:35 End Time: 00:26:15
 Capacity: 8000.00 psig
 Last Calib.: 2012.11.03
 Time On Btm: 2012.11.02 @ 18:21:30
 Time Off Btm: 2012.11.02 @ 21:22:30

TEST COMMENT: IF: BOB @ 8 min.
 IS: No return.
 FF: BOB @ 13 min.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2161.38	112.36	Initial Hydro-static
1	36.18	111.52	Open To Flow (1)
29	294.36	121.21	Shut-In(1)
75	1229.96	119.72	End Shut-In(1)
75	293.12	119.22	Open To Flow (2)
119	520.72	121.72	Shut-In(2)
180	1226.28	120.59	End Shut-In(2)
181	2085.03	120.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1060.00	mcw 5m 95w (oil spots)	12.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hartman Oil Co.

22 17s 34w Scott, KS

10500 E Berkeley Sq Pkwy
STE 100
Wichita, KS 67206
ATTN: Kitt Noah

Wilkinson #1-22

Job Ticket: 49764

DST#: 1

Test Start: 2012.11.02 @ 15:16:30

Tool Information

Drill Pipe:	Length: 3988.00 ft	Diameter: 3.80 inches	Volume: 55.94 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: 25000.00 lb
Drill Collar:	Length: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 57.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4300.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 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			4279.00	
Shut In Tool	5.00			4284.00	
Hydraulic tool	5.00			4289.00	
Safety Joint	2.00			4291.00	
Packer	5.00			4296.00	22.00 Bottom Of Top Packer
Packer	4.00			4300.00	
Stubb	1.00			4301.00	
Recorder	0.00	8677	Inside	4301.00	
Recorder	0.00	8522	Outside	4301.00	
Perforations	19.00			4320.00	
Change Over Sub	1.00			4321.00	
Drill Pipe	31.00			4352.00	
Change Over Sub	1.00			4353.00	
Bullnose	3.00			4356.00	56.00 Bottom Packers & Anchor

Total Tool Length: 78.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hartman Oil Co.

22 17s 34w Scott,KS

10500 E Berkeley Sq Pkw y
STE 100
Wichita, KS 67206
ATTN: Kitt Noah

Wilkinson #1-22

Job Ticket: 49764

DST#: 1

Test Start: 2012.11.02 @ 15:16:30

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:

54000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
1060.00	mcw 5m 95w (oil spots)	12.045

Total Length: 1060.00 ft Total Volume: 12.045 bbf

Num Fluid Samples: 0

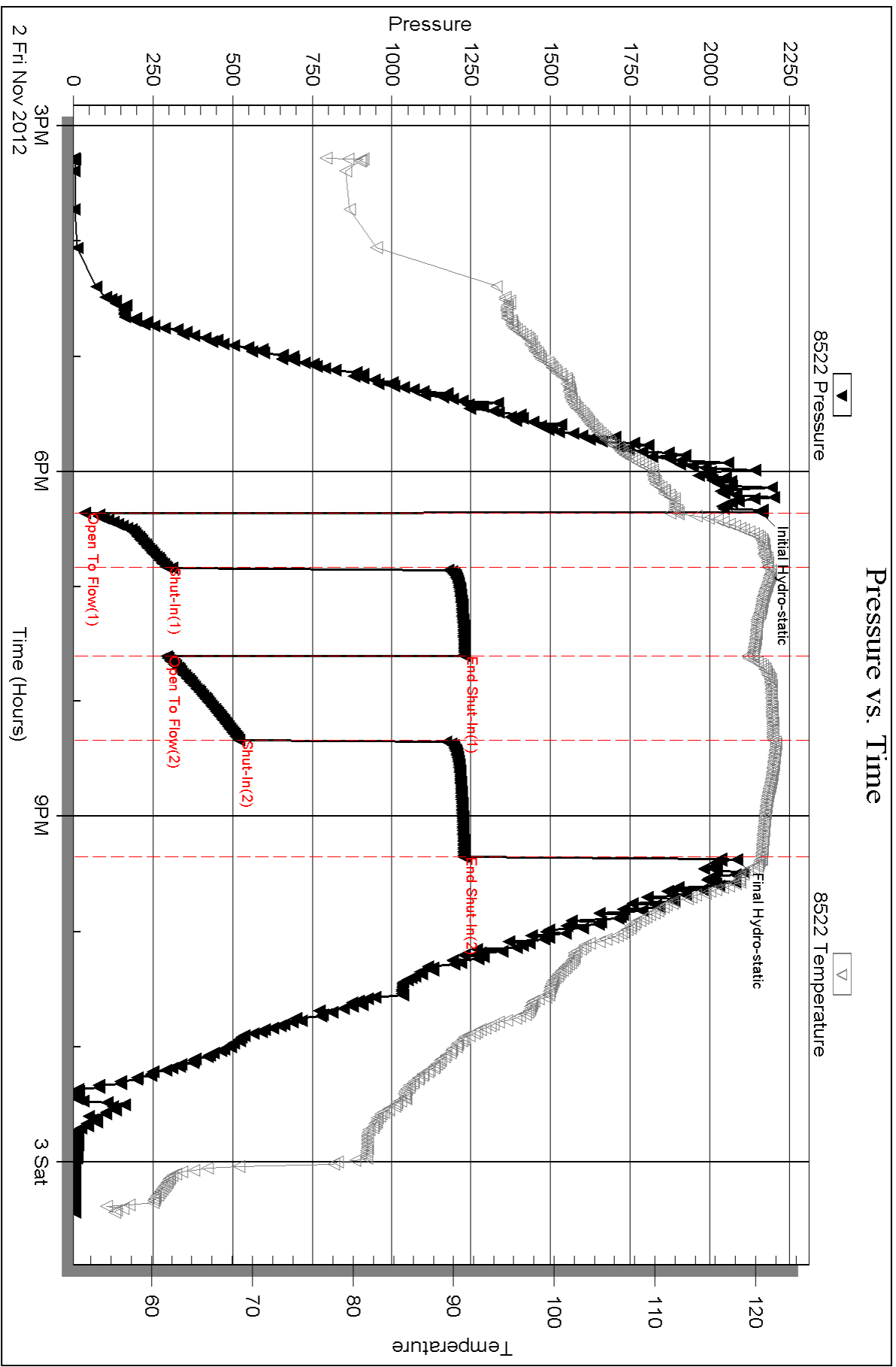
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .250 @ 40F = 54,000ppm



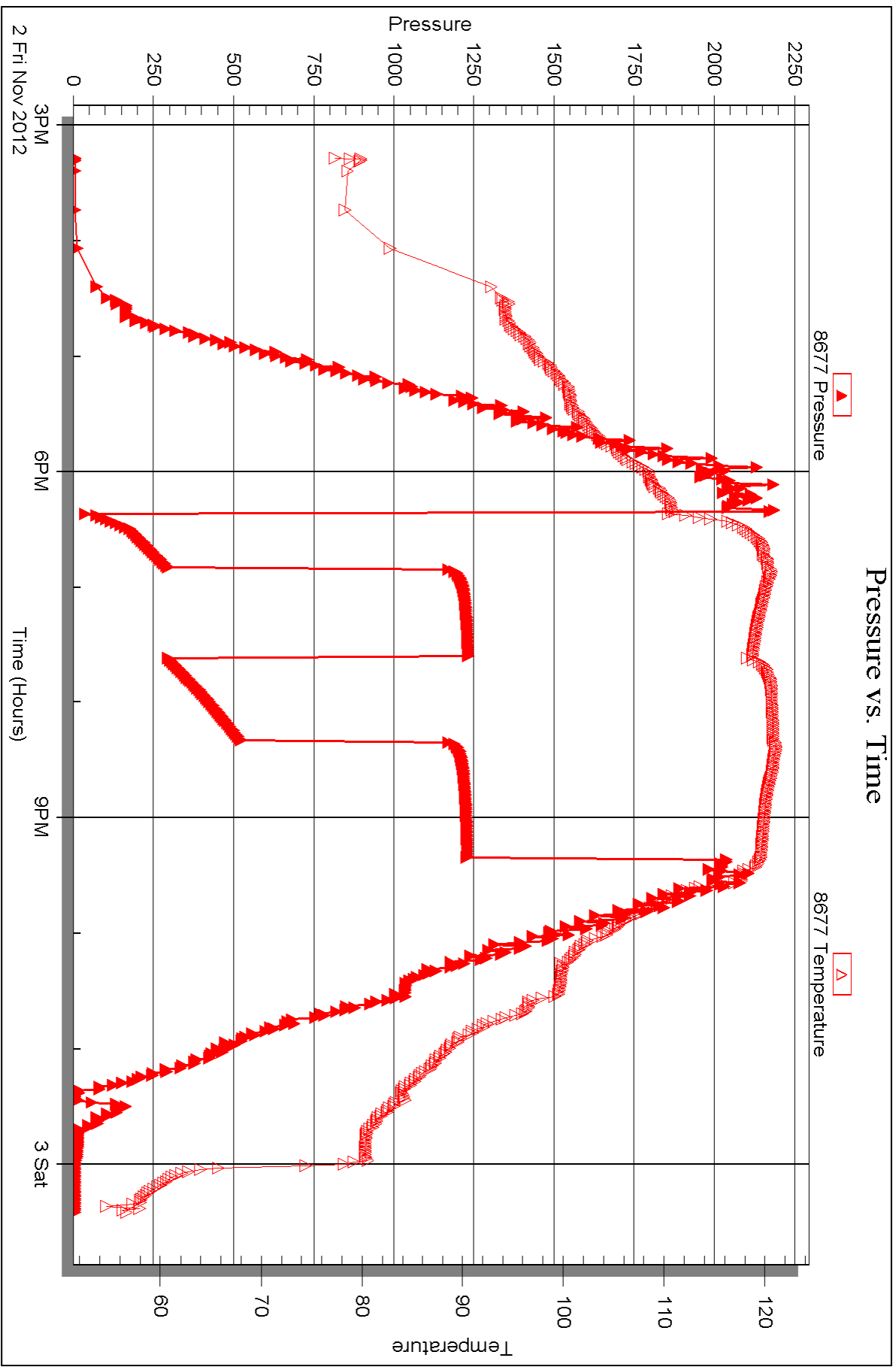
Serial #: 8677

Inside

Hartman Oil Co.

Wilkinson #1-22

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Hartman Oil Co.**

10500 E Berkeley Sq Pkwy
STE 100
Wichita, KS 67206

ATTN: Kitt Noah

Wilkinson #1-22

22 17s 34w Scott,KS

Start Date: 2012.11.03 @ 19:26:00

End Date: 2012.11.04 @ 08:18:30

Job Ticket #: 49765 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.11.13 @ 15:54:00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hartman Oil Co.
10500 E Berkeley Sq Pkw y
STE 100
Wichita, KS 67206
ATTN: Kitt Noah

22 17s 34w Scott,KS

Wilkinson #1-22

Job Ticket: 49765

DST#: 2

Test Start: 2012.11.03 @ 19:26:00

GENERAL INFORMATION:

Formation: **Altamont A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:53:00

Time Test Ended: 08:18:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: 4477.00 ft (KB) To 4526.00 ft (KB) (TVD)

Reference Elevations: 3123.00 ft (KB)

Total Depth: 4526.00 ft (KB) (TVD)

3113.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8522 Outside

Press @ Run Depth: 492.06 psig @ 4478.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.03

End Date:

2012.11.04

Last Calib.: 2012.11.04

Start Time: 19:26:05

End Time:

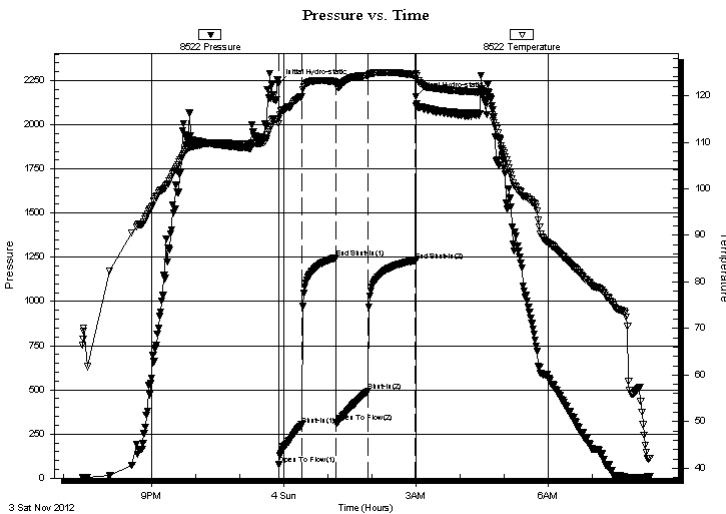
08:18:30

Time On Btm: 2012.11.03 @ 23:52:45

Time Off Btm: 2012.11.04 @ 02:59:45

TEST COMMENT: IF: BOB @ 4 min.
IS: BOB return @ 35 min.
FF: BOB @ 6 min.
FS: 6" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.36	115.10	Initial Hydro-static
1	76.24	114.02	Open To Flow (1)
32	302.27	119.79	Shut-In(1)
78	1246.37	122.88	End Shut-In(1)
79	315.47	122.40	Open To Flow (2)
122	492.06	124.33	Shut-In(2)
187	1227.95	124.34	End Shut-In(2)
187	2161.40	124.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gmco 10g 30m 60o	0.30
1170.00	gsmco 30g 3m 67o	14.13
0.00	GIP 220'	0.00

* 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.

22 17s 34w Scott, KS

10500 E Berkeley Sq Pkwy
STE 100
Wichita, KS 67206
ATTN: Kitt Noah

Wilkinson #1-22

Job Ticket: 49765

DST#: 2

Test Start: 2012.11.03 @ 19:26:00

Tool Information

Drill Pipe:	Length: 4175.00 ft	Diameter: 3.80 inches	Volume: 58.56 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: 25000.00 lb
Drill Collar:	Length: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 60.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4477.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	71.00 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			4456.00	
Shut In Tool	5.00			4461.00	
Hydraulic tool	5.00			4466.00	
Safety Joint	2.00			4468.00	
Packer	5.00			4473.00	22.00 Bottom Of Top Packer
Packer	4.00			4477.00	
Stubb	1.00			4478.00	
Recorder	0.00	8677	Inside	4478.00	
Recorder	0.00	8522	Outside	4478.00	
Perforations	12.00			4490.00	
Change Over Sub	1.00			4491.00	
Drill Pipe	31.00			4522.00	
Change Over Sub	1.00			4523.00	
Bullnose	3.00			4526.00	49.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hartman Oil Co.

22 17s 34w Scott, KS

10500 E Berkeley Sq Pkw y
STE 100
Wichita, KS 67206
ATTN: Kitt Noah

Wilkinson #1-22

Job Ticket: 49765

DST#: 2

Test Start: 2012.11.03 @ 19:26:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	gmco 10g 30m 60o	0.295
1170.00	gsmco 30g 3m 67o	14.135
0.00	GIP 220'	0.000

Total Length: 1230.00 ft Total Volume: 14.430 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

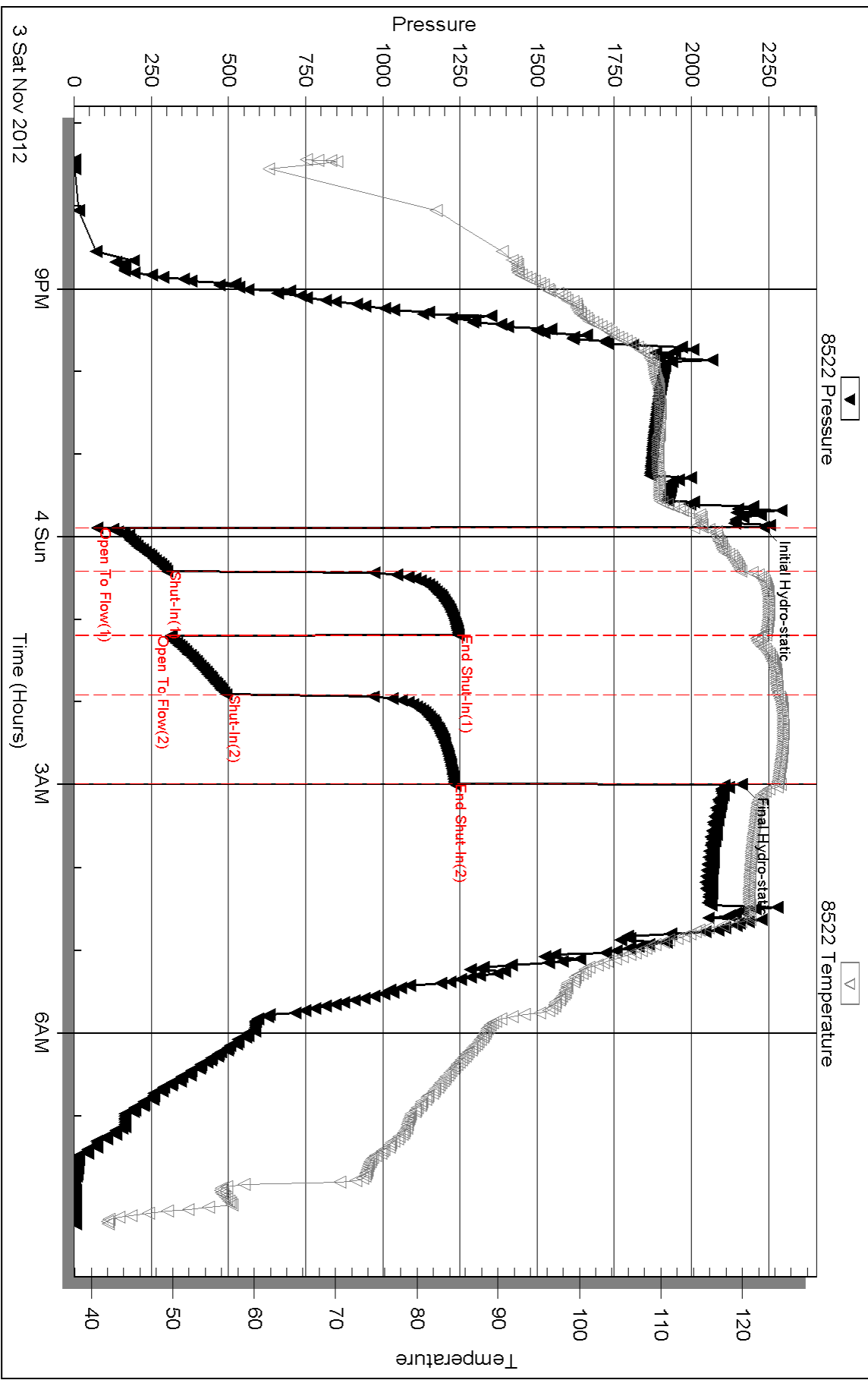
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Hartman Oil Co.**

10500 E Berkeley Sq Pkwy
STE 100
Wichita, KS 67206

ATTN: Kitt Noah

Wilkinson #1-22

22 17s 34w Scott,KS

Start Date: 2012.11.05 @ 18:48:00

End Date: 2012.11.06 @ 01:20:15

Job Ticket #: 49766 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.11.13 @ 15:52:45



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hartman Oil Co.
10500 E Berkeley Sq Pkw y
STE 100
Wichita, KS 67206
ATTN: Kitt Noah

22 17s 34w Scott,KS

Wilkinson #1-22

Job Ticket: 49766

DST#: 3

Test Start: 2012.11.05 @ 18:48:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:35:30
 Time Test Ended: 01:20:15
 Interval: **4843.00 ft (KB) To 4854.00 ft (KB) (TVD)**
 Total Depth: 4854.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 53
 Reference Elevations: 3123.00 ft (KB)
 3113.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8522

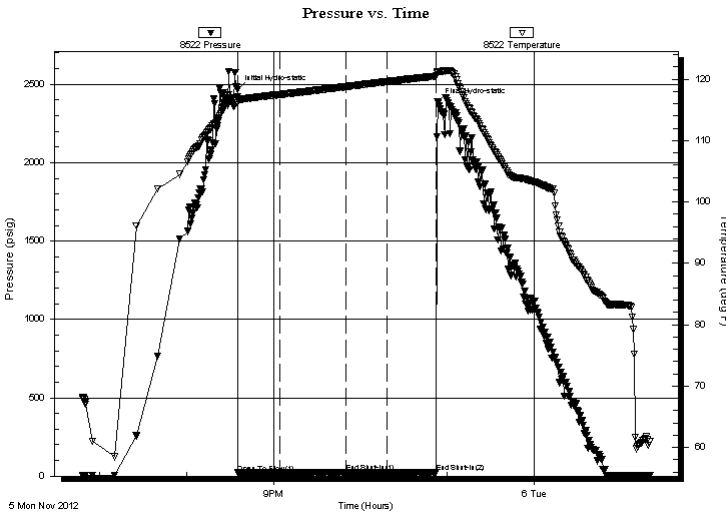
Outside

Press @ Run Depth: 21.43 psig @ 4844.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.11.05 End Date: 2012.11.06 Last Calib.: 2012.11.06
 Start Time: 18:48:05 End Time: 01:20:14 Time On Btm: 2012.11.05 @ 20:35:15
 Time Off Btm: 2012.11.05 @ 22:53:30

TEST COMMENT: IF: Surface blow , died @ 18 min.
 IS: No return.
 FF: No blow .
 FS: No return.

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2467.80	117.25	Initial Hydro-static
1	20.75	116.22	Open To Flow (1)
29	21.62	117.49	Shut-In(1)
75	25.83	118.77	End Shut-In(1)
75	21.07	118.77	Open To Flow (2)
103	21.43	119.59	Shut-In(2)
137	22.54	120.49	End Shut-In(2)
139	2386.02	121.17	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100m (oil spots)	0.01

* 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.

22 17s 34w Scott,KS

10500 E Berkeley Sq Pkwy
STE 100
Wichita, KS 67206
ATTN: Kitt Noah

Wilkinson #1-22

Job Ticket: 49766

DST#: 3

Test Start: 2012.11.05 @ 18:48:00

Tool Information

Drill Pipe:	Length: 4521.00 ft	Diameter: 3.80 inches	Volume: 63.42 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:	25000.00 lb
Drill Collar:	Length: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose:	83000.00 lb
			<u>Total Volume: 64.94 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4843.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	11.00 ft				
Tool Length:	33.00 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			4822.00	
Shut In Tool	5.00			4827.00	
Hydraulic tool	5.00			4832.00	
Safety Joint	2.00			4834.00	
Packer	5.00			4839.00	22.00 Bottom Of Top Packer
Packer	4.00			4843.00	
Stubb	1.00			4844.00	
Recorder	0.00	8677	Inside	4844.00	
Recorder	0.00	8522	Outside	4844.00	
Perforations	7.00			4851.00	
Bullnose	3.00			4854.00	11.00 Bottom Packers & Anchor

Total Tool Length: 33.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hartman Oil Co.

22 17s 34w Scott, KS

10500 E Berkeley Sq Pkwy
STE 100
Wichita, KS 67206
ATTN: Kitt Noah

Wilkinson #1-22

Job Ticket: 49766

DST#: 3

Test Start: 2012.11.05 @ 18:48:00

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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100m (oil spots)	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:

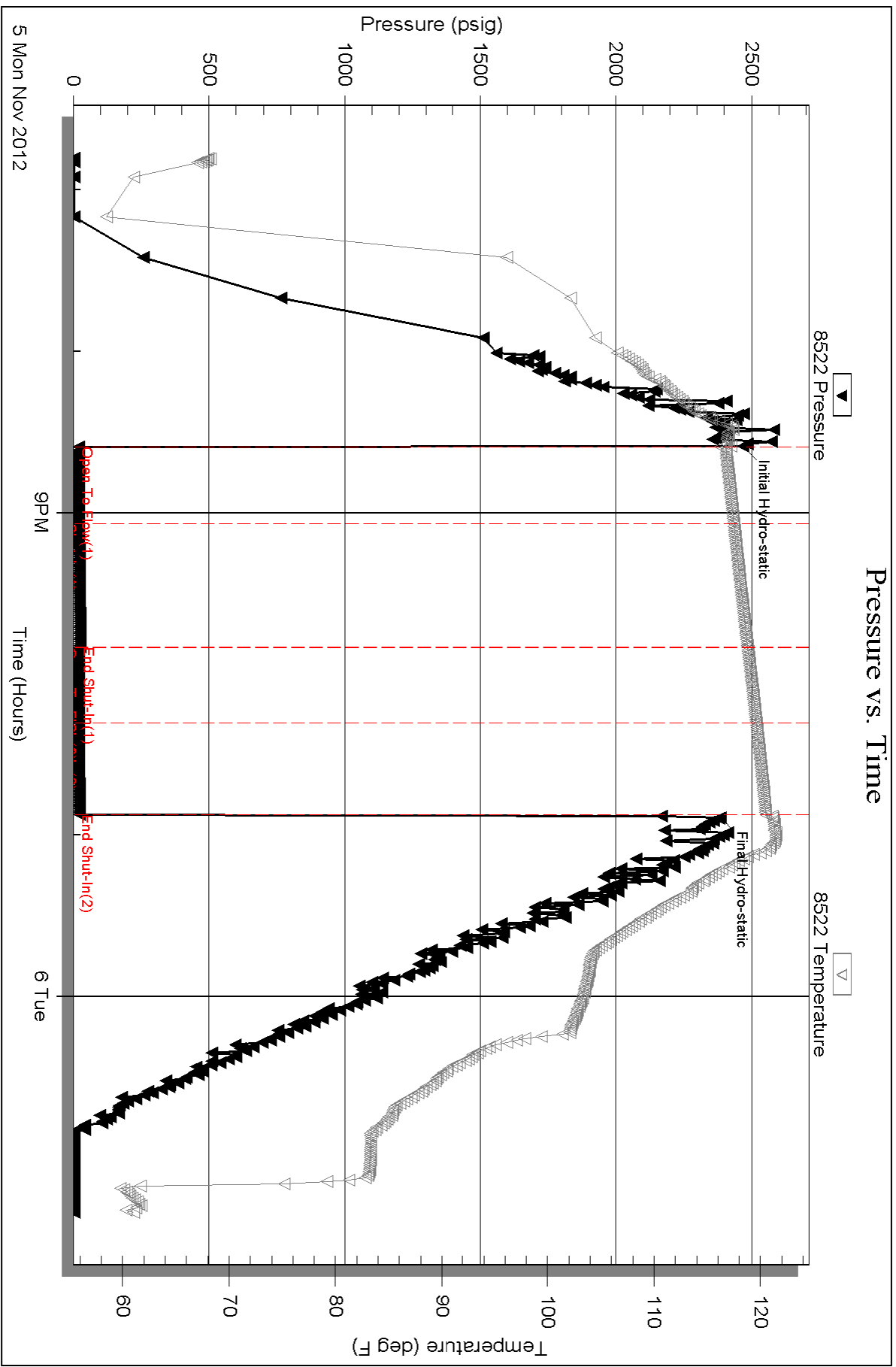
Recovery Comments:

Serial #: 8522

Outside Hartman Oil Co.

Wilkinson #1-22

DST Test Number: 3



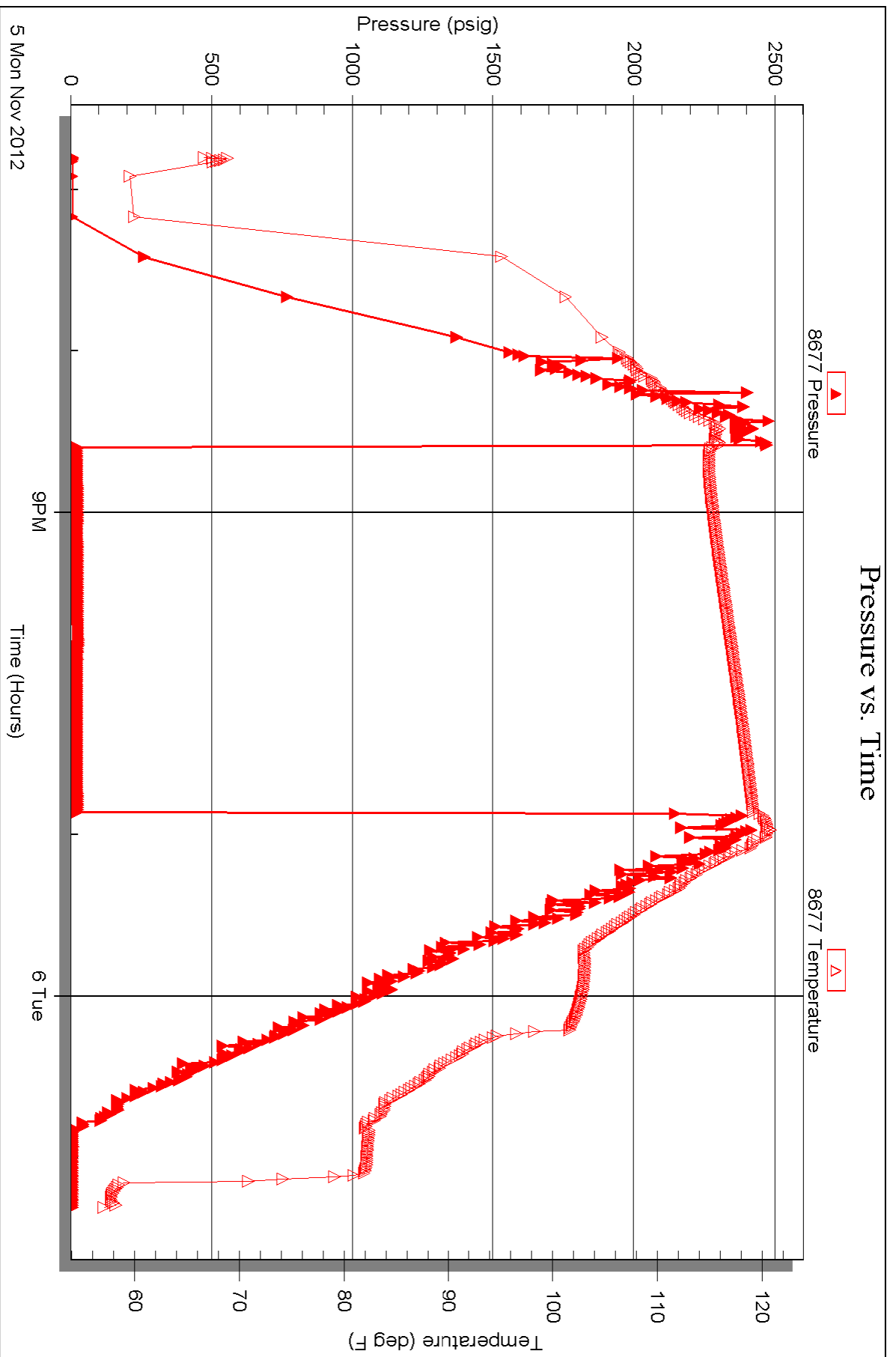
Serial #: 8677

Inside

Hartman Oil Co.

Wilkinson #1-22

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 49764

Well Name & No. Ha Wilkinson #1-22 Test No. 1 Date 11/02/12
 Company Hartman Oil Co. Elevation 3123 KB 3113 GL
 Address 10500 E Berkeley Sq Pkwy STE #100 Wichita, Ks 67206
 Co. Rep / Geo. Kitt Noah Rig H2 #3
 Location: Sec. 22 Twp. 17s Rge. 34w Co. Scott State Ks

Interval Tested 4300-4356 Zone Tested LKC J-K
 Anchor Length 56 Drill Pipe Run 3988 Mud Wt. 9.3
 Top Packer Depth 4295 Drill Collars Run 310 Vis 54
 Bottom Packer Depth 4300 Wt. Pipe Run 0 WL 8.0
 Total Depth 4356 Chlorides 6,000 ppm System LCM 3#
 Blow Description IF: BOB @ 8 min
ISI: No return.
FF: BOB @ 13 min.
FST: No return.

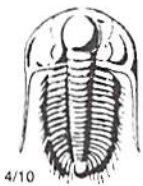
Rec	Feet of	%gas	%oil	%water	%mud
<u>1060</u>	<u>ncw (OIL SPOTS)</u>		<u>95</u>	<u>5</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1060 BHT 121 Gravity — API RW .250 @ 40 ° F Chlorides 54,000 ppm

(A) Initial Hydrostatic <u>2161</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>1500</u>
(B) First Initial Flow <u>36</u>	<input type="checkbox"/> Jars	T-Started <u>1516</u>
(C) First Final Flow <u>294</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1820</u>
(D) Initial Shut-In <u>1230</u>	<input checked="" type="checkbox"/> Circ Sub <u>1/2</u>	T-Pulled <u>2120</u>
(E) Second Initial Flow <u>293</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0026 / 11/03</u>
(F) Second Final Flow <u>521</u>	<input checked="" type="checkbox"/> Mileage <u>32 Rt</u> 49.60	Comments
(G) Final Shut-In <u>1226</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2085</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1374.60</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1374.60</u>	

Approved By _____ Our Representative [Signature]

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 49765

Well Name & No. Wilkinson #1-22 Test No. 2 Date 11/04/12
 Company Hartman Oil Co. Elevation 3123 KB 3113 GL
 Address 10500 E. Berkeley Sq Pkwy STE 100 Wichita, KS 67206
 Co. Rep / Geo. Kitt Noah Rig H2 #3
 Location: Sec. 22 Twp. 17s Rge. 34w Co. Scott State Ks

Interval Tested 4477 - 4526 Zone Tested Altament "A-B"
 Anchor Length 49' Drill Pipe Run 4175 Mud Wt. 9.3
 Top Packer Depth 4472 Drill Collars Run 310 Vis 53
 Bottom Packer Depth 4526 4477 Wt. Pipe Run Ø WL 6.4
 Total Depth 4526 Chlorides 7,000 ppm System LCM 2#
 Blow Description IF: BOB @ 4 min.
ISI: BOB @ 30 min.
FF: BOB @ 6 min.
FSI: 6" return.

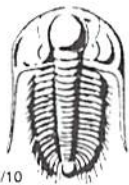
Rec	Feet of	%gas	%oil	%water	%mud
<u>1170</u>	<u>GSMCO</u>	<u>30</u>	<u>67</u>	<u>3</u>	
<u>60</u>	<u>GMC0</u>	<u>10</u>	<u>60</u>	<u>30</u>	
	<u>220' GIP</u>				

Rec Total 1230 BHT 125 Gravity 27 API RW — @ —° F Chlorides — ppm

(A) Initial Hydrostatic <u>2232</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>1780 11/03</u>
(B) First Initial Flow <u>76</u>	<input type="checkbox"/> Jars	T-Started <u>1926</u>
(C) First Final Flow <u>302</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2353</u>
(D) Initial Shut-In <u>1246</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>0253 11/04</u>
(E) Second Initial Flow <u>315</u>	<input checked="" type="checkbox"/> Hourly Standby <u>30 hrs</u> 300	T-Out <u>0819</u>
(F) Second Final Flow <u>492</u>	<input checked="" type="checkbox"/> Mileage <u>32 RT</u> 49.60	Comments <u>rig worked on downworks for 3 hours.</u>
(G) Final Shut-In <u>1728</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer
(H) Final Hydrostatic <u>2161</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Total <u>1674.60</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	MP/DST Disc't
	<input type="checkbox"/> Accessibility	
	Sub Total <u>1674.60</u>	

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 49766

4/10

Well Name & No. Wilkinson #1-22 Test No. 3 Date 11/06/12
 Company Hartman Oil Co. Elevation 3123 KB 3113 GL
 Address 10500 E. Berkeley Sq. Pkwy STE 100 Wichita, Ks 67206
 Co. Rep / Geo. KH Noah Rig H2 #3
 Location: Sec. 22 Twp. 17s Rge. 34w Co. Scott State Ks

Interval Tested 4841 - 4843 - 4854 Zone Tested Mississippian
 Anchor Length 11 Drill Pipe Run 4521 Mud Wt. 9.2
 Top Packer Depth 4838 Drill Collars Run 310 Vis 59
 Bottom Packer Depth 4843 Wt. Pipe Run 0 WL 11.2
 Total Depth 4854 Chlorides 9,000 ppm System LCM 2#

Blow Description IF: Surface blow, died @ 18 min.
ISI: No return.
FF: No blow
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>MUD (LOW SPOTS)</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 2 BHT 122 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2468</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>1820 11/05</u>
(B) First Initial Flow <u>21</u>	<input type="checkbox"/> Jars	T-Started <u>1848</u>
(C) First Final Flow <u>22</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2034</u>
(D) Initial Shut-In <u>26</u>	<input checked="" type="checkbox"/> Circ Sub <u>W/C</u>	T-Pulled <u>2249</u>
(E) Second Initial Flow <u>21</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0119 11/06</u>
(F) Second Final Flow <u>21</u>	<input checked="" type="checkbox"/> Mileage <u>32 RT</u>	Comments
(G) Final Shut-In <u>23</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2386</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1374.60</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1374.60</u>	

Approved By [Signature] Our Representative [Signature]

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