



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1202121  
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
-----------------------------------	-----------------	---

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: \_\_\_\_\_

1202121

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

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

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

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

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

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

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  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

<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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Hartman Oil Co., Inc.
Well Name	Williams Trust 2-19
Doc ID	1202121

All Electric Logs Run

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

Form	ACO1 - Well Completion
Operator	Hartman Oil Co., Inc.
Well Name	Williams Trust 2-19
Doc ID	1202121

Tops

Name	Top	Datum
Anhydrite	1881	+403
Topeka	3230	-946
Heebner	3428	-1144
Toronto	3457	-1157
Lansing	3474	-1190
Mun Creek	3572	-1288
B/KC	3660	-1371
LTD	3724	-1440





## DRILL STEM TEST REPORT

Prepared For: **Hartman Oil Co**

10500 E. Berkeley SQ Pkwy  
Suite 100  
Wichita KS 67206

ATTN: Kitt Noah

### **Williams Trust #2-19**

### **19-5s -22w Norton,KS**

Start Date: 2014.04.24 @ 06:00:00

End Date: 2014.04.24 @ 14:33:30

Job Ticket #: 55991                      DST #: 1

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

Printed: 2014.04.28 @ 14:40:30



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Hartman Oil Co  
10500 E. Berkeley SQ Pkw y  
Suite 100  
Wichita KS 67206  
ATTN: Kitt Noah

**19-5s -22w Norton,KS**

**Williams Trust #2-19**

Job Ticket: 55991 **DST#: 1**

Test Start: 2014.04.24 @ 06:00:00

## GENERAL INFORMATION:

Formation: **LKC "E-F"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 09:06:30  
 Time Test Ended: 14:33:30  
 Interval: **3528.00 ft (KB) To 3549.00 ft (KB) (TVD)**  
 Total Depth: 3549.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Robert Zodrow  
 Unit No: 44  
 Reference Elevations: 2284.00 ft (KB)  
 2279.00 ft (CF)  
 KB to GR/CF: 5.00 ft

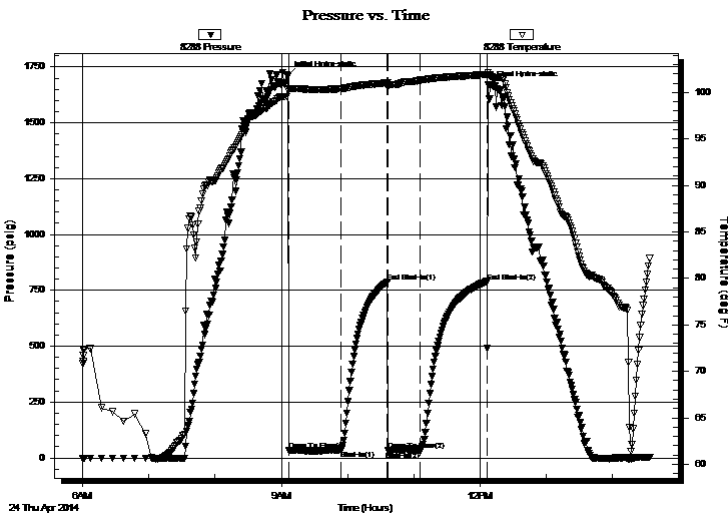
## Serial #: 8288

Inside

Press@RunDepth: 31.63 psig @ 3529.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.04.24 End Date: 2014.04.24 Last Calib.: 2014.04.24  
 Start Time: 06:00:05 End Time: 14:33:30 Time On Btm: 2014.04.24 @ 09:05:30  
 Time Off Btm: 2014.04.24 @ 12:09:00

TEST COMMENT: 45-IF-Blow Built To 1 3/4" Died Back To 1"  
 45-ISI-No Return  
 30-FF- No Blow  
 60-FSI- No Blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.30	100.37	Initial Hydro-static
1	33.84	100.36	Open To Flow (1)
48	34.17	100.40	Shut-In(1)
91	787.05	101.03	End Shut-In(1)
91	34.94	100.55	Open To Flow (2)
121	31.63	101.32	Shut-In(2)
181	789.13	101.93	End Shut-In(2)
184	1668.85	101.77	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100%m	0.07

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Hartman Oil Co  
10500 E. Berkeley SQ Pkwy  
Suite 100  
Wichita KS 67206  
ATTN: Kitt Noah

**19-5s -22w Norton,KS**  
**Williams Trust #2-19**  
Job Ticket: 55991 **DST#: 1**  
Test Start: 2014.04.24 @ 06:00:00

**Tool Information**

Drill Pipe:	Length: 3261.00 ft	Diameter: 3.88 inches	Volume: 47.69 bbl	Tool Weight: 2500.00 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: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume: 48.91 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3528.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	48.00 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>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			3506.00	
Hydraulic tool	5.00			3511.00	
Jars	5.00			3516.00	
Safety Joint	3.00			3519.00	
Packer	5.00			3524.00	27.00 Bottom Of Top Packer
Packer	4.00			3528.00	
Stubb	1.00			3529.00	
Recorder	0.00	8288	Inside	3529.00	
Recorder	0.00	6769	Outside	3529.00	
Perforations	17.00			3546.00	
Bullnose	3.00			3549.00	21.00 Bottom Packers & Anchor

**Total Tool Length: 48.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Hartman Oil Co  
10500 E. Berkeley SQ Pkw y  
Suite 100  
Wichita KS 67206  
ATTN: Kitt Noah

**19-5s -22w Norton,KS**  
**Williams Trust #2-19**  
Job Ticket: 55991 **DST#: 1**  
Test Start: 2014.04.24 @ 06:00:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 4.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	mud 100%m	0.074

Total Length: 15.00 ft      Total Volume: 0.074 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

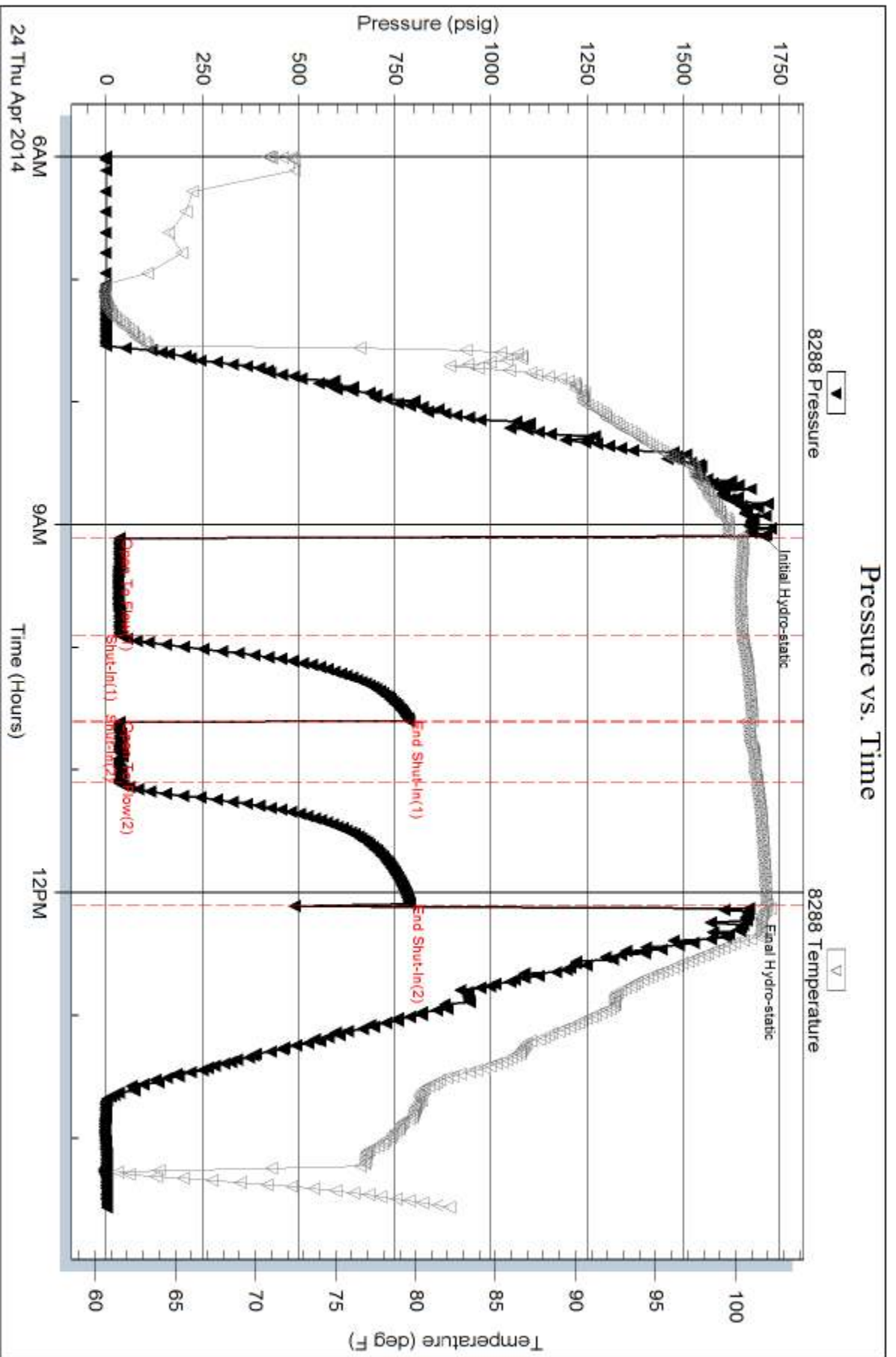
Serial #: 8288

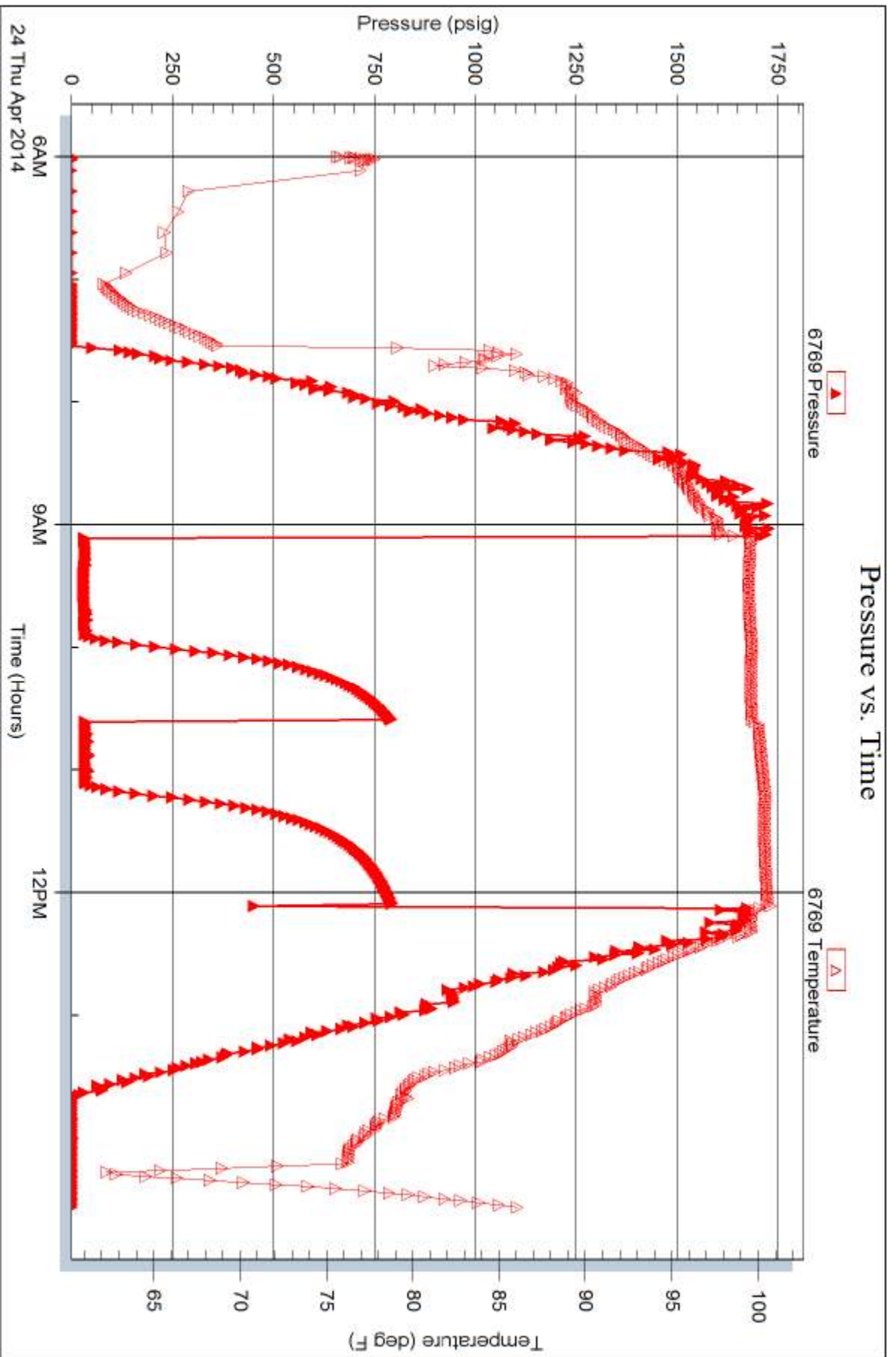
Inside

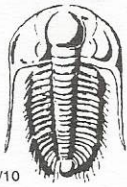
Hartman Oil Co

Williams Trust #2-19

DST Test Number: 1







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55991

Well Name & No. Williams Trust #2-19 Test No. 1 Date 4-24-2014  
 Company Hartman Oil Co, Inc. Elevation 2284 KB 2279 GL  
 Address 10500 E. Berkeley Sq Pkwy Ste 100 Wichita, KS 67206  
 Co. Rep / Geo. Kitt Noah Rig H2 Drilling  
 Location: Sec. 19 Twp. 55 Rge. 22W Co. Norton State KS

Interval Tested 3528 - 3549 Zone Tested LKC "E-F"  
 Anchor Length 21 Drill Pipe Run 3261 Mud Wt. 9.0  
 Top Packer Depth 3524 Drill Collars Run 249 Vis 59  
 Bottom Packer Depth 3528 Wt. Pipe Run 0 WL 4.8  
 Total Depth 3549 Chlorides 1,200 ppm System LCM 1

Blow Description IF - Blow built to 1 1/4" died back to 1"  
ISI - No Return  
PF - No Blow  
PSI - No Return

Rec	Feet of	%gas	%oil	%water	%mud
15	Mud			100	

Rec Total 15 BHT 102 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1709  Test 1150 T-On Location 05:00 4-24  
 (B) First Initial Flow 34  Jars 250 T-Started 06:00 4-24  
 (C) First Final Flow 34  Safety Joint 75 T-Open 09:05 4-24  
 (D) Initial Shut-In 787  Circ Sub \_\_\_\_\_ T-Pulled 12:05 4-24  
 (E) Second Initial Flow 35  Hourly Standby \_\_\_\_\_ T-Out 14:33 4-24  
 (F) Second Final Flow 32  Mileage 112 RT 173.60 Comments \_\_\_\_\_  
 (G) Final Shut-In 789  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1669  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1798.60  
 Accessibility 150 MP/DST Disc't \_\_\_\_\_  
 Sub Total 1798.60

Initial Open 45  
 Initial Shut-In 45  
 Final Flow 30  
 Final Shut-In 60

Approved By Kitt Noah Our Representative Robert Zocher

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.



PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282

Fax: (817) 246-3361

# INVOICE

Invoice Number: 142805

Invoice Date: Apr 26, 2014

Page: 1

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

Customer ID	Field Ticket #	Payment Terms	
Hart	62063	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Oakley	Apr 26, 2014	5/26/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Williams Trust #2-19 <i>81537</i>		
132.00	CEMENT MATERIALS	Class A Common	17.90	2,362.80
88.00	CEMENT MATERIALS	Pozmix	9.35	822.80
4.00	CEMENT MATERIALS	Gel	23.40	93.60
55.00	CEMENT MATERIALS	Flo Seal	2.97	163.35
230.55	CEMENT SERVICE	Cubic Feet Charge	2.48	571.76
298.15	CEMENT SERVICE	Ton Mileage Charge	2.60	775.19
1.00	CEMENT SERVICE	Plug to Abandon	1,250.00	1,250.00
80.00	CEMENT SERVICE	Heavy Vehicle Mileage	7.70	616.00
80.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	352.00
1.00	EQUIPMENT SALES	8-5/8 Wiper Plug	110.00	110.00
1.00	CEMENT SUPERVISOR	Talon Jones		
1.00	CEMENT SUPERVISOR	Andrew Forslund		
1.00	OPERATOR ASSISTANT	Adam Flipse		

**NEW WELL  
DRILLED**

*DJA*

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

\$ 1,821.95

ONLY IF PAID ON OR BEFORE

May 21, 2014

Subtotal	7,117.50
Sales Tax	491.11
Total Invoice Amount	7,608.61
Payment/Credit Applied	
<b>TOTAL</b>	<b>7,608.61</b>

*Dr. Muletter*  
*5-6-14*

# ALLIED OIL & GAS SERVICES, LLC 062063

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Sublet ks

DATE <u>4-26-14</u>	SEC. <u>19</u>	TWP. <u>5</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION <u>6pm</u>	JOB START <u>2am</u>	JOB FINISH <u>3am</u>
LEASE <u>Williams Trust</u>	WELL# <u>2-19</u>	LOCATION <u>Hill city N to harton County</u>	COUNTY <u>Northon</u>	STATE <u>ks</u>			
OLD OR <u>(NEW)</u> (Circle one)		ADDC <u>1/2 EN into</u>					

CONTRACTOR <u>H2 #2</u>	OWNER <u>Same</u>
TYPE OF JOB <u>PTA</u>	
HOLE SIZE <u>77/8</u>	T.D. <u>3730</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>1890ft</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT	AMOUNT ORDERED <u>220 sks 60/40 poz</u>
	<u>47.6 of 1/4" FloSeal</u>
COMMON	<u>122 sks @ 12.90 2762.80</u>
POZMIX	<u>88 sks @ 9.35 822.80</u>
GEL	<u>4 sks @ 23.40 93.60</u>
CHLORIDE	@
ASC	@
	<u>FloSeal 58 lbs @ 2.97 163.35</u>
	@
	<u>Material Total @ 3442.55</u>
	<u>(295.07/267)</u>
	@
	@
	@
	@
HANDLING	<u>230.55 cwt @ 2.48 571.76</u>
MILEAGE	<u>9.69 hrs @ 80 mi @ 2.60 775.20</u>

EQUIPMENT	
PUMP TRUCK # <u>431</u>	CEMENTER <u>Talon Jones</u>
	HELPER <u>Andrew F. Crisland</u>
BULK TRUCK # <u>818/287</u>	DRIVER <u>ADAM FLIPSE</u>
BULK TRUCK #	DRIVER

REMARKS:

mix 25 sks @ 1890ft

mix 100 sks @ 1130ft

mix 40 sks @ 400ft

Scr wiper plug

mix 10 sks @ 40ft

mix 18 sks M.H

mix 20 sks R.H

SERVICE	
DEPTH OF JOB	<u>1890ft</u>
PUMP TRUCK CHARGE	<u>1,250.00</u>
EXTRA FOOTAGE	@
MILEAGE H.V. <u>80 mi</u>	@ <u>7.70 616.00</u>
MANIFOLD	@
<u>L.V. mi</u>	@ <u>4.40 352.00</u>
	@
	<u>(926.88/267)</u>
	TOTAL <u>3,564.96</u>

CHARGE TO: Hartman Oil

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT	
<u>wiper plug</u>	@ <u>110.00</u>
	@
	@
	@
	@
	@
	<u>08</u>
	TOTAL <u>110.00</u>

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.

PRINTED NAME STEVEN CRAIG

SIGNATURE Steven Craig

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 7117.51

DISCOUNT 1,821.95 (267) IF PAID IN 30 DAYS

5,295.55 Net





PO Box 93999  
Southlake, TX 76092

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

# INVOICE

Invoice Number: 142793  
Invoice Date: Apr 20, 2014  
Page: 1

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

Customer ID	Field Ticket #	Payment Terms	
Hart	62039	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Oakley	Apr 20, 2014	5/20/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Williams Trust #2-19 <i>81537</i>		
225.00	CEMENT MATERIALS	Class A Common	17.90	4,027.50
4.00	CEMENT MATERIALS	Gel	23.40	93.60
8.00	CEMENT MATERIALS	Chloride	64.00	512.00
243.30	CEMENT SERVICE	Cubic Feet Charge	2.48	603.38
845.60	CEMENT SERVICE	Ton Mileage Charge	2.60	2,198.56
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
80.00	CEMENT SERVICE	Pump Truck Mileage	7.70	616.00
80.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	352.00
1.00	CEMENT SUPERVISOR	Kelly Gabel		
1.00	EQUIPMENT OPERATOR	Wayne Mc Ghghy		

NEW WELL  
DRILLED

D4A

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

\$ 2,577.97

ONLY IF PAID ON OR BEFORE  
May 15, 2014

Subtotal	9,915.29
Sales Tax	319.68
Total Invoice Amount	10,234.97
Payment/Credit Applied	
<b>TOTAL</b>	<b>10,234.97</b>

*A. V. Muletner*  
5-6-14



# ALLIED OIL & GAS SERVICES, LLC 062039

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
Carkley, KS  
13204 2300th

DATE <u>4-20-14</u>	SEC. <u>19</u>	TWP. <u>5</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30 AM</u>	JOB FINISH <u>2:00 PM</u>
LEASE <u>Williams Trust</u>		WELL # <u>2-19</u>		LOCATION <u>Hill City N to Norton Co</u>		COUNTY <u>Norton</u>	STATE <u>KS</u>
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)				Race <u>1/2 E 1/4 into</u>			

CONTRACTOR H2 #2 OWNER Same

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 350 CEMENT

CASING SIZE 8 5/8 DEPTH 250 AMOUNT ORDERED 225 SKS Com 38cc

TUBING SIZE DEPTH 250gel

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 21661

**EQUIPMENT**

PUMP TRUCK CEMENTER Kelly Gabel

# 4122 HELPER Wayne McElhenny

BULK TRUCK

# 8184287 DRIVER Romina (Trus)

BULK TRUCK

# DRIVER

**REMARKS:**

rigged up  
mixed cement  
displaced with water  
shut in

Cement did circulate  
Thank You  
Kelly & crew

CHARGE TO: Hartman Oil

STREET

CITY STATE ZIP

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.

PRINTED NAME STEVEN CRAIG

SIGNATURE [Signature]

CEMENT

AMOUNT ORDERED 225 SKS Com 38cc

250gel

COMMON 225 @ 17.80 4027.50

POZMIX @

GEL 45KS @ 23.40 93.60

CHLORIDE 83KS @ 6.40 512.00

ASC @

@

@

Material Total @ 4,633.10

@ (1204.60/26%)

@

Service @

@

HANDLING 243.30/ft @ 6.8338

MILEAGE 10.57 ton x 2 @ 20.00 2198.56

DEPTH OF JOB 350

PUMP TRUCK CHARGE 1512.35

EXTRA FOOTAGE @

MILEAGE Mi HV 80 @ 7.70 616.00

MANIFOLD @

Mi HV 80 @ 4.40 352.00

@

(1,394.17/26%)

TOTAL 5,362.19

**PLUG & FLOAT EQUIPMENT**

@

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES 9,995.29

DISCOUNT 2,598.77 (26%) IF PAID IN 30 DAYS

7,396.51 Net

FILE COPY