

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 30535
Name: Hartman Oil Co., Inc.
Address: 1223 N. Rock Rd., Bldg. A Suite 200
City/State/Zip: Wichita, KS 67206
Purchaser: N/A
Operator Contact Person: Stan Mitchell
Phone: (316) 272-3988
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Jon Christensen

API No. 15 - 095-21777-0000
County: Kingman
SE-NW Sec. 32 Twp. 30 S. R. 7 East West
1980 feet from S (circle one) Line of Section
1980 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Washbon Well #: A-1
Field Name: Spivey
Producing Formation: N/A Plug & Abandon

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

Elevation: Ground: 1633 Kelly Bushing: 1641
Total Depth: 4782' Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at 263 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet

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

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cm.

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____
02-05-01 02-17-01 P&A
Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date _____

Drilling Fluid Management Plan D&A 978 10/4/01
(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 No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

RECEIVED
KANSAS CORPORATION COMMISSION
MAR 2 2001
3-2-01
CONSERVATION DIVISION

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.

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: A.T. Mitchell
Title: Production Supervisor Date: February 28, 2001
Subscribed and sworn to before me this 28th day of February,
2001.
Notary Public: Mary A. Siracuse
Date Commission Expires: September 5, 2001

KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

MARY A. SIRACUSE
Notary Public - State of Kansas
My Appt. Expires 9/5/01

Operator Name: Hartman Oil Co., Inc. Lease Name: Washbon Well #: A-1
 Sec. 32 Twp. 30 S. R. 7 East West County: Kingman

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 copy of all Electric Wireline 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 checked="" type="checkbox"/> Yes <input 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 <i>(Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3337</td> <td>-1696</td> </tr> <tr> <td>Kansas City</td> <td>3835</td> <td>-2194</td> </tr> <tr> <td>Marmaton</td> <td>4139</td> <td>-2498</td> </tr> <tr> <td>Mississippi</td> <td>4372</td> <td>-2731</td> </tr> <tr> <td>Viola</td> <td>4758</td> <td>-3117</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	3337	-1696	Kansas City	3835	-2194	Marmaton	4139	-2498	Mississippi	4372	-2731	Viola	4758	-3117
Name	Top	Datum																	
Heebner	3337	-1696																	
Kansas City	3835	-2194																	
Marmaton	4139	-2498																	
Mississippi	4372	-2731																	
Viola	4758	-3117																	

Dual Compensated Porosity Log
Dual Induction Log

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	# Sacjs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	20#	263	60-40	185	3% CC

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

Shots Per Foot	PERFORATION RECORD - Bridge-Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Usad)	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, Resumerd Production, SWD or Enhr. D & A	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil N/A Bbls.	Gas N/A Mcf	Water N/A Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	Production Interval <input type="checkbox"/> Other (Specify) _____
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TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

IP 13586

Test Ticket

ORIGINAL

Well Name & No. 21 "A" Washon Test No. #1 Date 02/14/01
 Company Hartman Oil Co Inc Zone Tested Mississippian
 Address P.O. Box 54 Wichita KS 67201-0054 Elevation 1641 KB 1633 GL
 Co. Rep / Geo. Jan Christensen Cont. Duke #8 Est. Ft. of Pay Por. %
 Location: Sec. 32 Twp. 30S Rge. 7W Co. Kingman State KS
 No. of Copies 5 Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4377' - 4400' Initial Str Wt./Lbs. 55,000 Unseated Str Wt./Lbs. 55,000
 Anchor Length 2.9' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 4372' Tool Weight 2100
 Bottom Packer Depth 4377' Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 4400 Wt. Pipe Run N/A Drill Collar Run N/A
 Mud Wt. 9.5 LCM 2# Vis. 45 WL 10.0 Drill Pipe Size 4 1/2 x 4 Ft. Run 4381

Blow Description IF' Work slow drill to 9" in diesel service
1ST' Sled down for 5 mins. No blow back
FF' Gain slow drill to h.o.b in 27 mins.
EST' Sled down for 10 mins No blow back

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>60</u>	Feet Of <u>56500</u>	<u>2</u> %gas <u>25</u> %oil	<u>28</u> %water <u>45</u> %mud
Rec. <u>1200'</u>	Feet Of <u>60</u>	%gas %oil	%water %mud
Rec. <u> </u>	Feet Of <u> </u>	%gas %oil	%water %mud
Rec. <u> </u>	Feet Of <u> </u>	%gas %oil	%water %mud
Rec. <u> </u>	Feet Of <u> </u>	%gas %oil	%water %mud
BHT <u>128°</u>	°F Gravity <u> </u>	°F Corrected Gravity <u> </u>	°API <u> </u>
RW <u> </u>	@ <u> </u>	°F <u> </u>	ppm Recovery <u> </u> Chlorides <u>7200</u> ppm System <u> </u>

RECEIVED
KANSAS CORPORATION COMMISSION
MAR 2 2001
CONSERVATION DIVISION

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2386</u>	<u>2199</u>	<u>3302</u>	<u>0730</u>
(B) First Initial Flow Pressure	<u>53</u>	<u>22</u>	(depth) <u>4382'</u>	T-Started <u>0954</u>
(C) First Final Flow Pressure	<u>43</u>	<u>30</u>	PSI Recorder No. <u>10991</u>	T-Open <u>1311</u>
(D) Initial Shut-In Pressure	<u>917</u>	<u>942</u>	(depth) <u>4394'</u>	T-Pulled <u>1656</u>
(E) Second Initial Flow Pressure	<u>64</u>	<u>28</u>	PSI Recorder No. <u> </u>	T-Out <u>1930</u>
(F) Second Final Flow Pressure	<u>64</u>	<u>43</u>	PSI (depth) <u> </u>	T-Off Location <u>0030</u>
(G) Final Shut-in Pressure	<u>895</u>	<u>932</u>	PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>2240</u>	<u>2154</u>	PSI Initial Shut-in <u>45</u>	Jars <u> </u>
			Final Flow <u>60</u>	Safety Joint <u> </u>
			Final Shut-in <u>90</u>	Straddle <u> </u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE 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.

Approved By [Signature]
 Our Representative [Signature]
 Mileage
 Other
 TOTAL PRICE \$

G. Sharp & Trans Pacific Oil

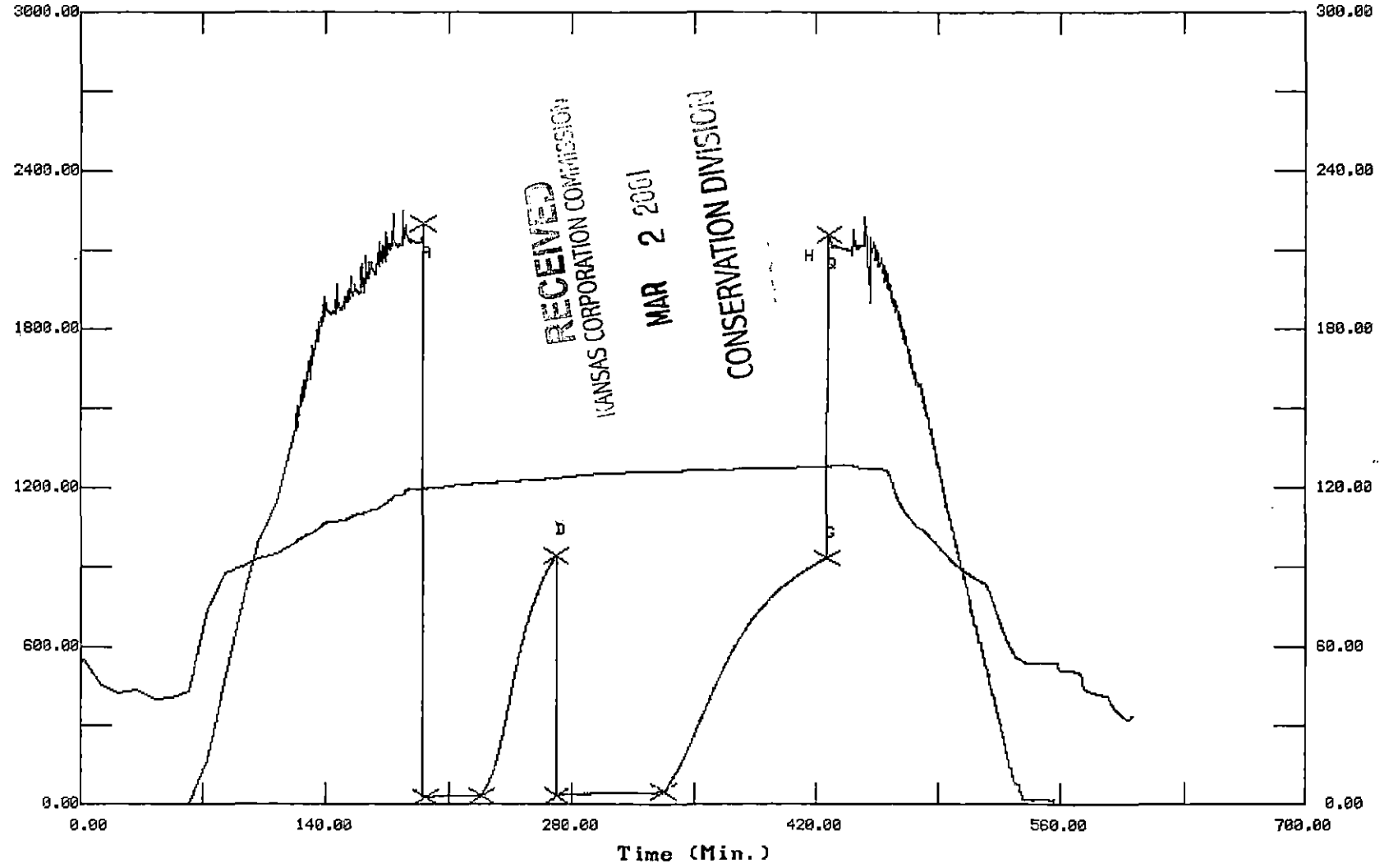
TEST HISTORY

Tk#13586 DST#1

Flag Points			
t (Min.)	P (PSig)	t (Min.) P (PSig)	
A:	0.00 2199.76	Q:	0.00 2158.72
B:	0.00 22.37		
C:	31.75 30.19		
D:	42.50 942.43		
E:	0.00 27.88		
F:	61.25 43.46		
G:	93.25 931.85		
H:	0.00 2158.72		

ORIGINAL

Pressure (PSig)



5 Shop @ Trans Pacific oil

3162679184

10/10/10

APR

11/1/10

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

10 13643

Test Ticket

ORIGINAL

Well Name & No. <u>Washburn AP# 1</u>	Test No. <u>2</u>	Date <u>2-16-2001</u>
Company <u>Hartman Oil Co.</u>	Zone Tested <u>Simpson</u>	
Address <u>Wichita, Ks, 67201</u>	Elevation <u>1641</u> KB <u>1633</u> GL	
Co. Rep/Geo. <u>Jon Christensen</u> Cont. <u>Duke Drlg. # 8</u>	Est. Ft. of Pay <u>4</u>	Por. <u>1</u> %
Location: Sec. <u>32</u> Twp. <u>30^s</u> Rge. <u>7^w</u>	Co. <u>Kingman</u> State <u>Ks.</u>	
No. of Copies <u>5</u> Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____	Evaluation (Y, N) _____


Interval Tested <u>4762 - 4782'</u>	Initial Str Wt/Lbs. <u>59,000</u>	Unseated Str Wt/Lbs. <u>76,000</u>
Anchor Length <u>20'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>82,000</u>
Top Packer Depth <u>4757'</u>	Tool Weight <u>2100 #</u>	
Bottom Packer Depth <u>4762'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>4782'</u>	Wt. Pipe Run <u>None</u>	Drill Collar Run <u>None</u>
Mud Wt. <u>9.1</u> LCM <u>4#</u> Vis. <u>SL</u> WL <u>10.0 cc</u>	Drill Pipe Size <u>4 1/2" x 14'</u>	Ft. Run <u>4756'</u>
Blow Description <u>IF: Strong below. B.O.B. in 1 min.</u> <u>IS: Fair to strong below.</u> <u>FF: Strong blow. B.O.B. in 30 sec. FSI: Very weak below.</u>		

Recovery — Total Feet <u>3,800</u>	GIP <u>Trace</u>	Ft. in DC _____	Ft. in DP <u>3800'</u>
Rec. <u>120</u> Feet Of <u>Mud</u>	%gas _____	%oil _____	%water _____ %mud _____
Rec. <u>120</u> Feet Of <u>MW</u>	%gas _____	%oil <u>SS</u>	%water <u>45</u> %mud _____
Rec. <u>3560</u> Feet Of <u>Crassy Salt Water</u>	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
BHT <u>139</u> °F Gravity <u>N/A</u>	°API D@ _____	°F Corrected Gravity <u>N/A</u>	°API _____
RW <u>0.17</u> @ <u>41</u> °F Chlorides <u>70000</u> ppm	Recovery Chlorides <u>5000</u> ppm	System _____	

(A) Initial Hydrostatic Mud	AK-1 <u>Alpine</u>	PSI Recorder No. <u>2342</u>	T-On Location <u>1040</u>
(B) First Initial Flow Pressure	<u>835</u> PSI	(depth) <u>4763'</u>	T-Started <u>1129</u>
(C) First Final Flow Pressure	<u>1581</u> PSI	Recorder No. <u>10248</u>	T-Open <u>1358</u>
(D) Initial Shut-In Pressure	<u>1760</u> PSI	(depth) <u>4777'</u>	T-Pulled <u>1610</u>
(E) Second Initial Flow Pressure	<u>1603</u> PSI	Recorder No. _____	T-Out <u>2034</u>
(F) Second Final Flow Pressure	<u>1760</u> PSI	(depth) <u>am</u>	T-Off Location <u>2135</u>
(G) Final Shut-in Pressure	<u>1761</u> PSI	Initial Opening <u>15</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>2322</u> PSI	Initial Shut-in <u>30</u>	Jars <input checked="" type="checkbox"/>
		Final Flow <u>20</u>	Safety Joint <input checked="" type="checkbox"/>
		Final Shut-in <u>60</u>	Straddle _____
			Circ. Sub _____
			Sampler _____
			Extra Packer _____
			Elec. Rec. <input checked="" type="checkbox"/>
			Mileage <input checked="" type="checkbox"/> <u>(60)</u>
			Other _____
			TOTAL PRICE \$ <input checked="" type="checkbox"/>

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Approved By [Signature]
Our Representative [Signature]

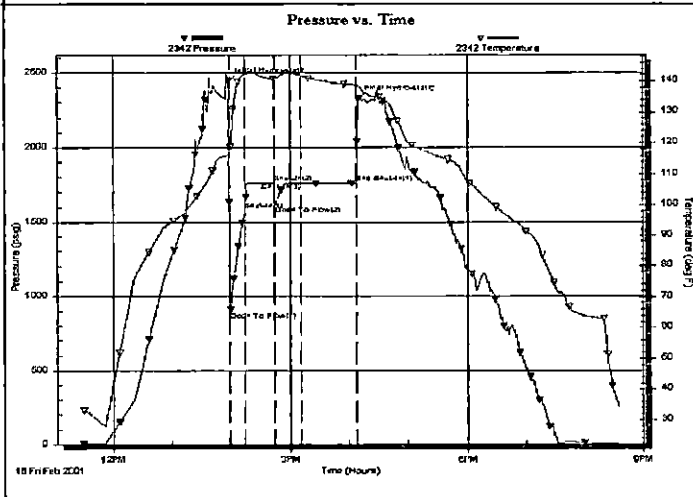
 <p style="font-size: 24pt; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC</p>	<h2 style="margin: 0;">DRILL STEM TEST REPORT</h2>
Hartman Oil Co. P.O. Box 54 Wichita Ks. 67201 ATTN: Jon Christensen	Washbon A#1 32-30s-7w Kingman Ks Job Ticket: 13643 DST#: 2 Test Start: 2001.02.16 @ 11:29:00

GENERAL INFORMATION:

Formation: Simpson	Test Type: Conventional Bottom Hole
Deviated: No Whipstock ft (KB)	Tester: Gary Pevoteaux
Time Tool Opened: 13:58:53	Unit No: 13
Time Test Ended: 20:34:00	Reference Elevations: 1641.00 ft (KB)
Interval: 4762.00 ft (KB) To 4782.00 ft (KB) (TVD)	1633.00 ft (CF)
Total Depth: 4782.00 ft (KB)	KB to GR/CF: 8.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Poor

Serial #: 2342	Capacity: 7000.00 psig
Press@RunDepth: 1581.32 psig @ ft (KB)	Last Calib.: 2001.02.16
Start Date: 2001.02.16 End Date: 2001.02.16	Time On Btrr: 2001.02.16 @ 13:57:23
Start Time: 11:29:24 End Time: 20:34:53	Time Off Btrr: 2001.02.16 @ 16:09:23

TEST COMMENT: IF: Strong blow . B.O.B. in 1 min.
 IS: Fair to strong blow .
 FF: Strong blow . B.O.B. in 30 secs.
 PSI: Very weak blow .



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
148	2440.99	116.44	Initial Hydro-static
150	834.70	117.14	Open To Flow (1)
165	1581.32	142.19	Shut-In(1)
195	1760.05	140.32	Shut-In(2)
195	1602.64	140.27	Open To Flow (2)
221	1760.14	141.91	Shut-In(3)
279	1760.59	138.59	End Shut-In(1)
280	2322.07	138.52	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	Trace of gas in pipe.	0.00
120.00	Mud	1.68
120.00	MW 45% m 55% w	1.68
3560.00	Gassy salt water.	49.94

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



DRILL STEM TEST REPORT

Prepared For: **Hartman Oil Co, Inc.**

P.O. Box 54
Wichita, KS 67201-0054

ATTN: ORIGINAL

32-30s-7w Kingman KS

#1 "A" Washbon

Start Date: 2001.02.18 @ 00:09:59

End Date: 2001.02.18 @ 00:00:00

Job Ticket #: 13586 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Hartman Oil Co, Inc.

#1 "A" Washbon

32-30s-7w Kingman KS

DST #: 1

Mississippi

2001.02.18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Hartman Oil Co, Inc.
P.O. Box 54
Wichita, KS 67201-0054
ATTN:

#1 "A" Washbon
32-30s-7w Kingman KS
Job Ticket: 13586 DST#: 1
Test Start: 2001.02.18 @ 00:09:59

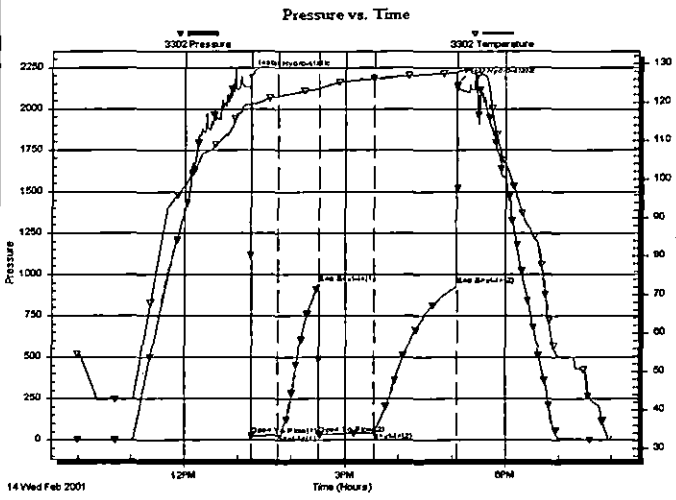
GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: 4400.00 ft (KB)
Time Tool Opened: 13:15:58
Time Test Ended: 00:00:00
Interval: 4372.00 ft (KB) To 4400.00 ft (KB) (TVD)
Total Depth: 4400.00 ft (KB)
Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole
Tester: Darren L. Amerine
Unit No: 19
Reference Elevations: 1641.00 ft (KB)
1633.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: **3302** Inside
Press@RunDepth: 43.46 psig @ 4378.00 ft (KB)
Start Date: 2001.02.14 End Date: 2001.02.14
Start Time: 09:59:15 End Time: 19:59:58
Capacity: 7000.00 psig
Last Calib.: 2001.02.18
Time On Btm: 2001.02.14 @ 13:14:13
Time Off Btm: 2001.02.14 @ 17:06:28

TEST COMMENT: IF: Weak blow built to 9" in deisel buket.
IS: Bled down n for 5 mins. no b.b
FF: Fair blow built to b.o.b in 27-
mins.



PRESSURE SUMMARY

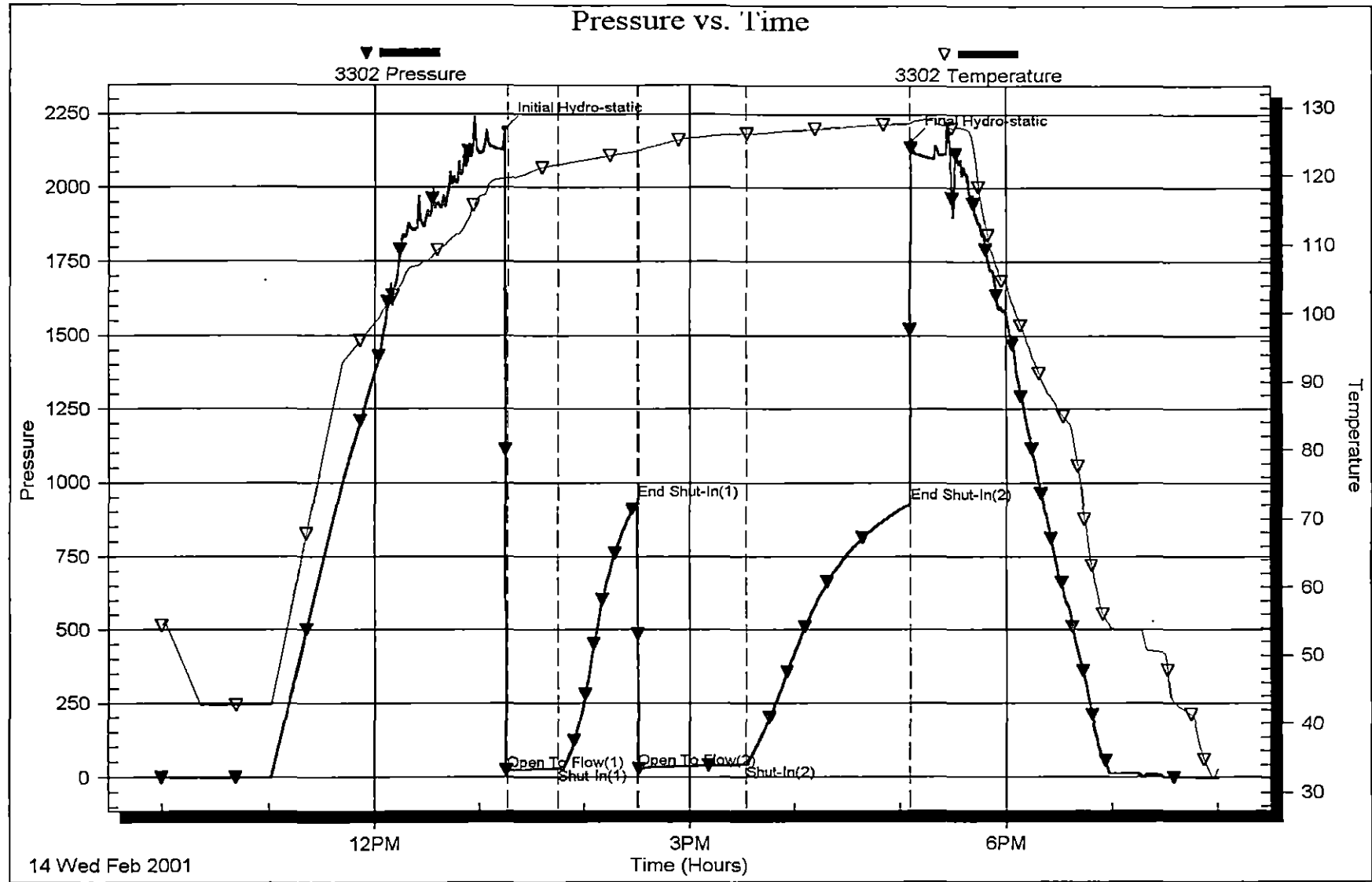
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
195	2199.76	119.51	Initial Hydro-static
197	22.37	119.59	Open To Flow (1)
226	29.70	121.51	Shut-In(1)
271	942.43	123.41	End Shut-In(1)
272	27.88	123.60	Open To Flow (2)
333	43.46	126.06	Shut-In(2)
427	931.85	127.66	End Shut-In(2)
428	2158.72	127.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1700.00	01 - Gas	23.85
60.00	SGCWM 2%gas 25%oil 28%water 45%mud	0.84

Gas Rates

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





DRILL STEM TEST REPORT

Prepared For: **Hartman Oil Co, Inc.**

P.O. Box 54
Wichita, KS 67201-0054

ATTN:

32-30s-7w Kingman KS

#1 "A" Washbon

Start Date: 2001.02.16 @ 11:29:00

End Date: 2001.02.16 @ 20:34:00

Job Ticket #: 13643 DST #: 2

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Hartman Oil Co, Inc.
P.O. Box 54
Wichita, KS 67201-0054
ATTN:

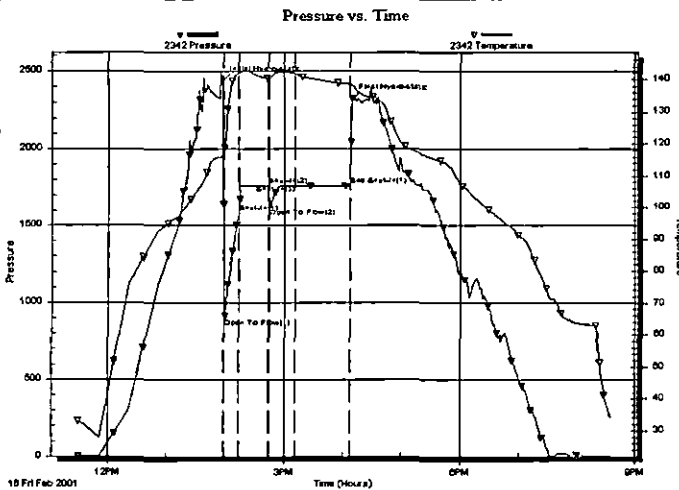
#1 "A" Washbon
32-30s-7w Kingman KS
Job Ticket: 13643 DST#: 2
Test Start: 2001.02.16 @ 11:29:00

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: **No Whipstock: 4400.00 ft (KB)**
Time Tool Opened: **13:58:53**
Time Test Ended: **20:34:00**
Interval: **4762.00 ft (KB) To 4782.00 ft (KB) (TVD)**
Total Depth: **4782.00 ft (KB)**
Hole Diameter: **7.88 inches** Hole Condition: **Poor**
Test Type: **Conventional Bottom Hole**
Tester: **Gary Pevoteaux**
Unit No: **13**
Reference Elevations: **1641.00 ft (KB)**
1633.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: **2342** Inside
Press@RunDepth: **1581.32 psig @ 4763.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2001.02.16** End Date: **2001.02.16** Last Calib.: **2001.02.16**
Start Time: **11:29:24** End Time: **20:34:53** Time On Btm: **2001.02.16 @ 13:57:23**
Time Off Btm: **2001.02.16 @ 16:09:23**

TEST COMMENT: IF: Strong blow . B.O.B. in 1 min.
IS: Fair to strong blow .
FF: Strong blow . B.O.B. in 30 secs.
FS: Very weak blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
148	2440.99	116.44	Initial Hydro-static
150	834.70	117.14	Open To Flow (1)
165	1581.32	142.19	Shut-In(1)
195	1760.05	140.32	Shut-In(2)
195	1602.64	140.27	Open To Flow (2)
221	1760.14	141.91	Shut-In(3)
279	1760.59	138.59	End Shut-In(1)
280	2322.07	138.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Trace of gas in pipe.	0.00
120.00	Mud	1.68
120.00	MW 45%br 55%w	1.68
3560.00	Gassysalt water.	49.94

Gas Rates

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

