



KANSAS CORPORATION COMMISSION 1082269  
OIL & GAS CONSERVATION DIVISION

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

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 31434  
Name: L & J Oil Properties, Inc.  
Address 1: 1700 N WATERFRONT PKWY  
Address 2: BLDG 300, STE B  
City: WICHITA State: KS Zip: 67206 + \_\_\_\_\_  
Contact Person: Douglas H. McGinness II  
Phone: ( 316 ) 687-4873  
CONTRACTOR: License # 5822  
Name: Val Energy, Inc.  
Wellsite Geologist: Ken LeBlanc  
Purchaser: Coffeyville Resources

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  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

<u>03/20/2011</u>	<u>03/26/2011</u>	<u>5/3/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-097-21689-00-00  
Spot Description: \_\_\_\_\_  
S2 S2 NE Sec. 31 Twp. 27 S. R. 16  East  West  
2970 Feet from  North /  South Line of Section  
1320 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Kiowa  
Lease Name: ROSS Well #: 1-31  
Field Name: Fruit  
Producing Formation: Kinderhook  
Elevation: Ground: 2131 Kelly Bushing: 2141  
Total Depth: 4766 Plug Back Total Depth: 4742  
Amount of Surface Pipe Set and Cemented at: 468 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: 1000 ppm Fluid volume: 500 bbls  
Dewatering method used: Hauled to Disposal  
Location of fluid disposal if hauled offsite:  
Operator Name: Bemco  
Lease Name: Mac SWD License #: 32613  
Quarter NW Sec. 7 Twp. 32 S. R. 11  East  West  
County: Barber Permit #: CD-78217

**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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Gantzer Date: 05/25/2012



1082269

Operator Name: L & J Oil Properties, Inc. Lease Name: ROSS Well #: 1-31  
 Sec. 31 Twp. 27 S. R. 16  East  West County: Kiowa

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

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Cement Bond Log Dual Induction CDNL	<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>Tarkio</td> <td>3363</td> <td>1232</td> </tr> <tr> <td>Stark Shale</td> <td>4354</td> <td>2223</td> </tr> <tr> <td>Kinderhook Sand</td> <td>4638</td> <td>2507</td> </tr> <tr> <td>Kinderhook</td> <td>4649</td> <td>2518</td> </tr> <tr> <td>Viola</td> <td>4692</td> <td>2561</td> </tr> <tr> <td>RTD</td> <td>4766</td> <td>2635</td> </tr> </tbody> </table>	Name	Top	Datum	Tarkio	3363	1232	Stark Shale	4354	2223	Kinderhook Sand	4638	2507	Kinderhook	4649	2518	Viola	4692	2561	RTD	4766	2635
Name	Top	Datum																				
Tarkio	3363	1232																				
Stark Shale	4354	2223																				
Kinderhook Sand	4638	2507																				
Kinderhook	4649	2518																				
Viola	4692	2561																				
RTD	4766	2635																				

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	468	60/40 Poz	450	2% gel, 3% cc
Production	7.875	4.5	10.5	4763.42	ASC	100	

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	4650-4658	1000 gal HCL acid	
		19488 gals ProFac LC 2500 w/	
		14,000 lbs 16/30 sand	

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>4781</u>	Packer At: <u> </u>	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>4/10/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>		
Estimated Production Per 24 Hours	Oil Bbls. <u>2</u>	Gas Mcf <u>15</u>	Water Bbls. <u>2</u>	Gas-Oil Ratio <u> </u>
Gravity <u> </u>				

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" 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 (Specify) <u> </u>	PRODUCTION INTERVAL: <u> </u> <u> </u>
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# TRILOBITE TESTING INC.

P.O. Box 1733 - Hays, Kansas 67601

## Test Ticket

NO. 041571

Well Name & No. Ross #1-31 Test No. 1 Date 3-25-11  
 Company Amarillo Exploration inc. Elevation 2131 KB 2121 GL  
 Address PO Box 601539 Dallas TX. 75360  
 Co. Rep / Geo. Ken LeBlanc Rig VA1#1  
 Location: Sec. 31 Twp. 27S Rge. 16W Co. KIOWA State Ks.

Interval Tested 4615-4694 Zone Tested Kindershook SAND  
 Anchor Length 79' Drill Pipe Run 4607 Mud Wt. 9.3  
 Top Packer Depth 4610 Drill Collars Run 0 Vis 49  
 Bottom Packer Depth 4615 Wt. Pipe Run 0 WL 8.8  
 Total Depth 4694 Chlorides 4000 ppm System LCM 0

Blow Description IF:  
IS: MISRUN  
FP:  
FS:

Rec	Feet of	%gas	%oil	%water	%mud

Rec Total                      BHT                      Gravity                      API RW                      @                      °F Chlorides                      ppm

(A) Initial Hydrostatic 2355  Test                      T-On Location 14:40  
 (B) First Initial Flow                       Jars                      T-Started 16:04  
 (C) First Final Flow                       Safety Joint                      T-Open 19:00  
 (D) Initial Shut-In                       Circ Sub                      T-Pulled 19:25  
 (E) Second Initial Flow                       Hourly Standby                      T-Out 21:53  
 (F) Second Final Flow                       Mileage 196RT Comments                       
 (G) Final Shut-In                       Sampler                                            
 (H) Final Hydrostatic 2301  Straddle                       Ruined Shale Packer                       
                      Shale Packer                       Ruined Packer                       
 Initial Open                       Extra Packer                       Extra Copies                       
 Initial Shut-In                       Extra Recorder                      Sub Total                       
 Final Flow                       Day Standby                      Total                       
 Final Shut-In                       Accessibility                      MP/DST Disc't                       
 Sub Total                     

Approved By                      Our Representative *Orchid Co*  
 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.

DST 1) 4615 - 4694

Kinderhook Sand

Times: XX-XX-XX-XX

1st open: PACKER FAILURE

Rec: MUD

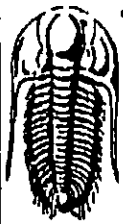
Alpine Recorders  
(electronic)

IHD: 2355     psi  
IFP: XX-XX     psi  
IBHP: XXXX     psi  
FFP: XX-XX     psi  
FBHP: XXXX     psi  
FHD: 2301     psi

TEMP: XXX degrees F

Tester: Andy Carreria: Trilobite Testing L.L.C., Hays KS District

Note: conventional DST (dual packers, safety joint, electronic recorders,  
circulating sub)  
NO bottom sampler or jars



**TRIOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Amarillo Exploration Inc.

Ross #1-31

PO Box 601539  
Dallas Tx. 75360

31-27s-16w Klowa

Job Ticket: 041571 DST#: 1

ATTN: Ken LeBlanc

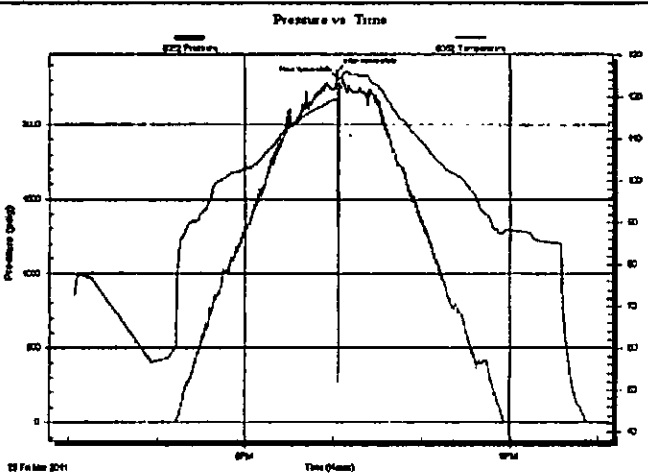
Test Start: 2011.03.25 @ 16:04:05

### GENERAL INFORMATION:

Formation: Kinderhook Sand  
 Deviated: No Whipstock ft (KB)  
 Time Tool Opened:  
 Time Test Ended: 21:52:59  
 Interval: 4816.00 ft (KB) To 4694.00 ft (KB) (TVD)  
 Total Depth: 4694.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Andy Carreira  
 Unit No: 39  
 Reference Elevations: 2131.00 ft (KB)  
 2121.00 ft (CF)  
 KB to GR/CF: 10.00 ft

Serial #: 8352 Outside  
 Press@RunDepth: psig @ 4818.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.03.25 End Date: 2011.03.25 Last Calib.: 2011.03.25  
 Start Time: 16:04:05 End Time: 21:52:59 Time On Btm: 2011.03.25 @ 19:02:30  
 Time Off Btm: 2011.03.25 @ 19:04:20

TEST COMMENT: Misrun... Packer Failure



### PRESSURE SUMMARY

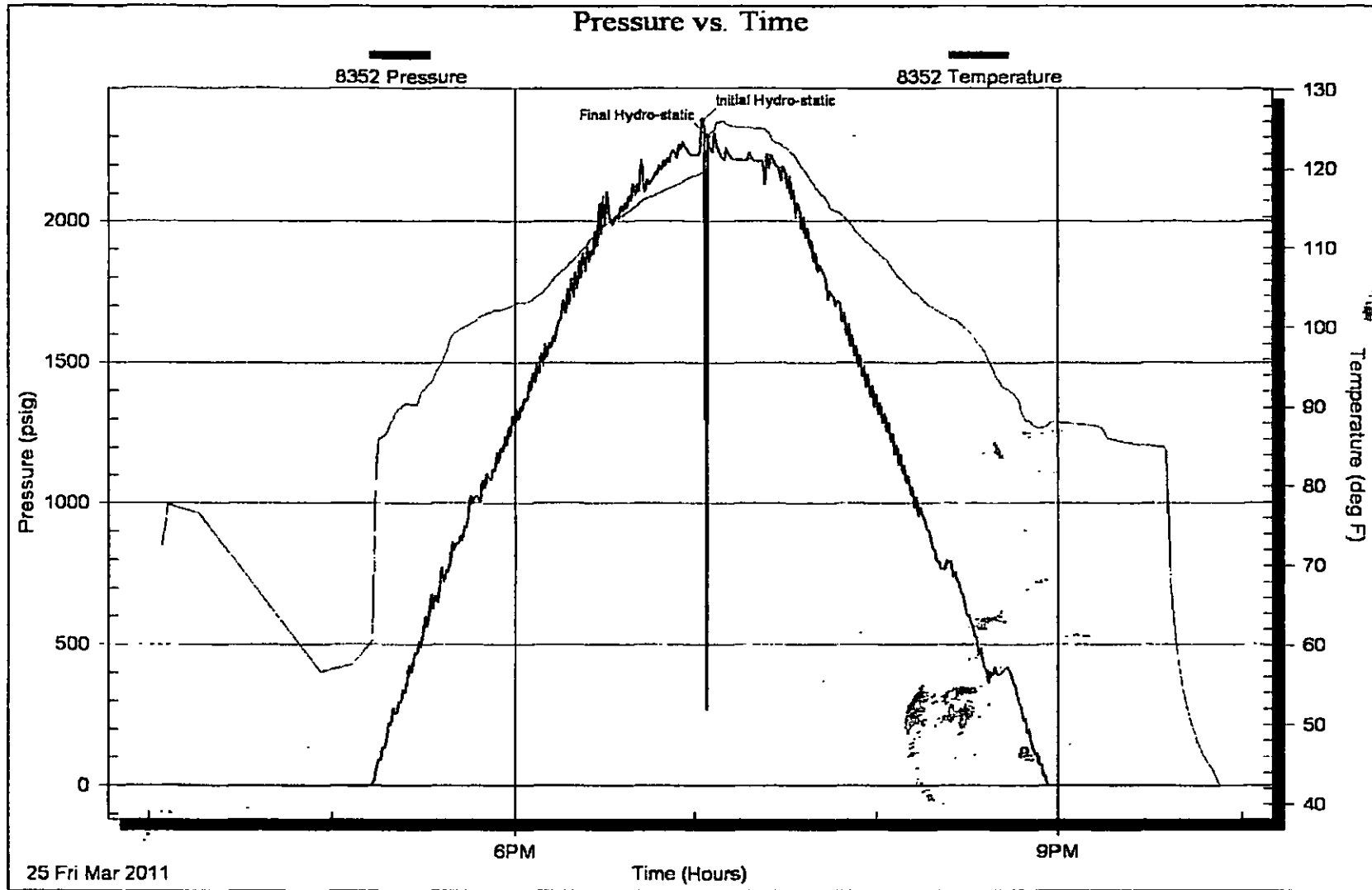
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2355.50	119.54	Initial Hydro-static
2	2301.47	123.85	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)

### Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcfd)





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 041572

Well Name & No. Ross #1-31 Test No. 2 Date 3-25-11  
 Company Amarillo Exploration IN Elevation 2131 KB 2121 GL  
 Address PO Box 601539 Dallas TX 75360  
 Co. Rep / Geo. Ken LeBlanc Rig VAI #1  
 Location: Sec. 31 Twp. 27S Rge. 16W Co. KIOWA State KS

Interval Tested 4470-4694 Zone Tested Kinderhook Sand  
 Anchor Length 224' Drill Pipe Run 4445 Mud Wt. 9.3  
 Top Packer Depth 4465 Drill Collars Run 0 Vis 49  
 Bottom Packer Depth 4470 Wt. Pipe Run 0 WL 8.8  
 Total Depth 4694 Chlorides 4000 ppm System LCM 0

Blow Description IF: Built to 8 inches  
IS: No Return  
FF: BOB, 56 min.  
FS: No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>Mud w/ slight oil sparks in Top</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 40 BHT 124 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>2237</u>	<input checked="" type="checkbox"/> Test	T-On Location <u>1440</u>
(B) First Initial Flow <u>30</u>	<input checked="" type="checkbox"/> Jars	T-Started <u>0805 2224</u>
(C) First Final Flow <u>36</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>0105</u>
(D) Initial Shut-In <u>133</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0530</u>
(E) Second Initial Flow <u>33</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0850</u>
(F) Second Final Flow <u>38</u>	<input checked="" type="checkbox"/> Mileage <u>196RT</u>	Comments _____
(G) Final Shut-In <u>259</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer
(H) Final Hydrostatic <u>2171</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer

Initial Open 45  
 Initial Shut-In 60  
 Final Flow 60  
 Final Shut-In 120

Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility

Sub Total \_\_\_\_\_  
 Total \_\_\_\_\_  
 MP/BST Disc't \_\_\_\_\_

Approved By Ken LeBlanc 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.

DST 2) 4470 - 4694

Kinderhook Sand

Times: 30-60-60-120

1st open: weak blow to 8 inches in bucket - NO Gas to Surface  
(NO blowback)

2nd open: weak blow to OBOB in 56 minutes - NO Gas to Surface  
(NO blowback)

Rec: NO Gas in Pipe

40' Drilling Mud with specks oil in tool  
(100% mud)

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40' Total Fluid - ALL IN DRILL PIPE

Alpine Recorders  
(electronic)

IHYD: 2237 psi

IFP: 30-36 psi

IBHP: 133 psi

FFP: 33-38 psi

FBHP: 259 psi

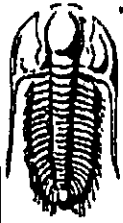
PHVD: 2171 psi

TEMP: 124 degrees F

Tester: Andy Carreira: Trilobite Testing L.L.C., Hays KS District

Note: conventional DST (dual packers, safety joint, electronic recorders,  
circulating sub)  
NO bottom sampler or jars





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Amarillo Exploration inc.

Ross #1-31

PO Box 601539  
Dallas Tx. 75360

31-27s-16w Kiowa

Job Ticket: 041572      DST#: 2

ATTN: Ken LeBlanc

Test Start: 2011.03.25 @ 22:24:05

### GENERAL INFORMATION:

Formation: Kinderhook Sand

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:04:50

Time Test Ended: 08:49:50

Test Type: Conventional Bottom Hole

Tester: Andy Carreira

Unit No: 39

Interval: 4470.00 ft (KB) To 4694.00 ft (KB) (TVD)

Total Depth: 4694.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2131.00 ft (KB)

2121.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8352

Outside

Press@RunDepth: 38.95 psig @ 4476.00 ft (KB)

Start Date: 2011.03.25

End Date:

2011.03.26

Start Time: 22:24:05

End Time:

08:49:50

Capacity: 8000.00 psig

Last Calib.: 2011.03.26

Time On Btm: 2011.03.26 @ 01:04:00

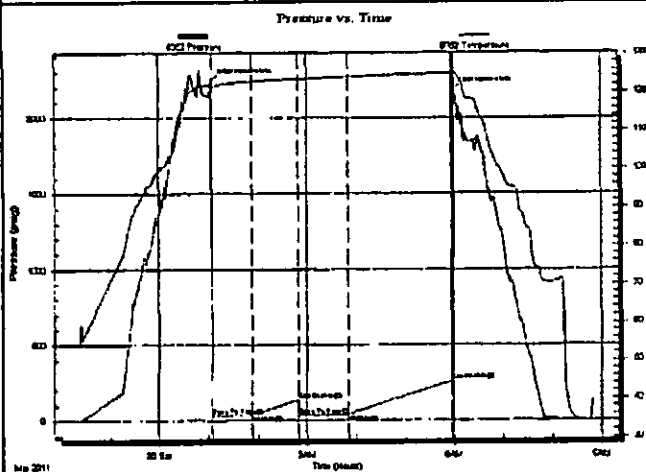
Time Off Btm: 2011.03.26 @ 05:58:59

TEST COMMENT: IF: Built to 8 inches

IS: No Return

FF: BOB, 56 min.

FS: No Return



### PRESSURE SUMMARY

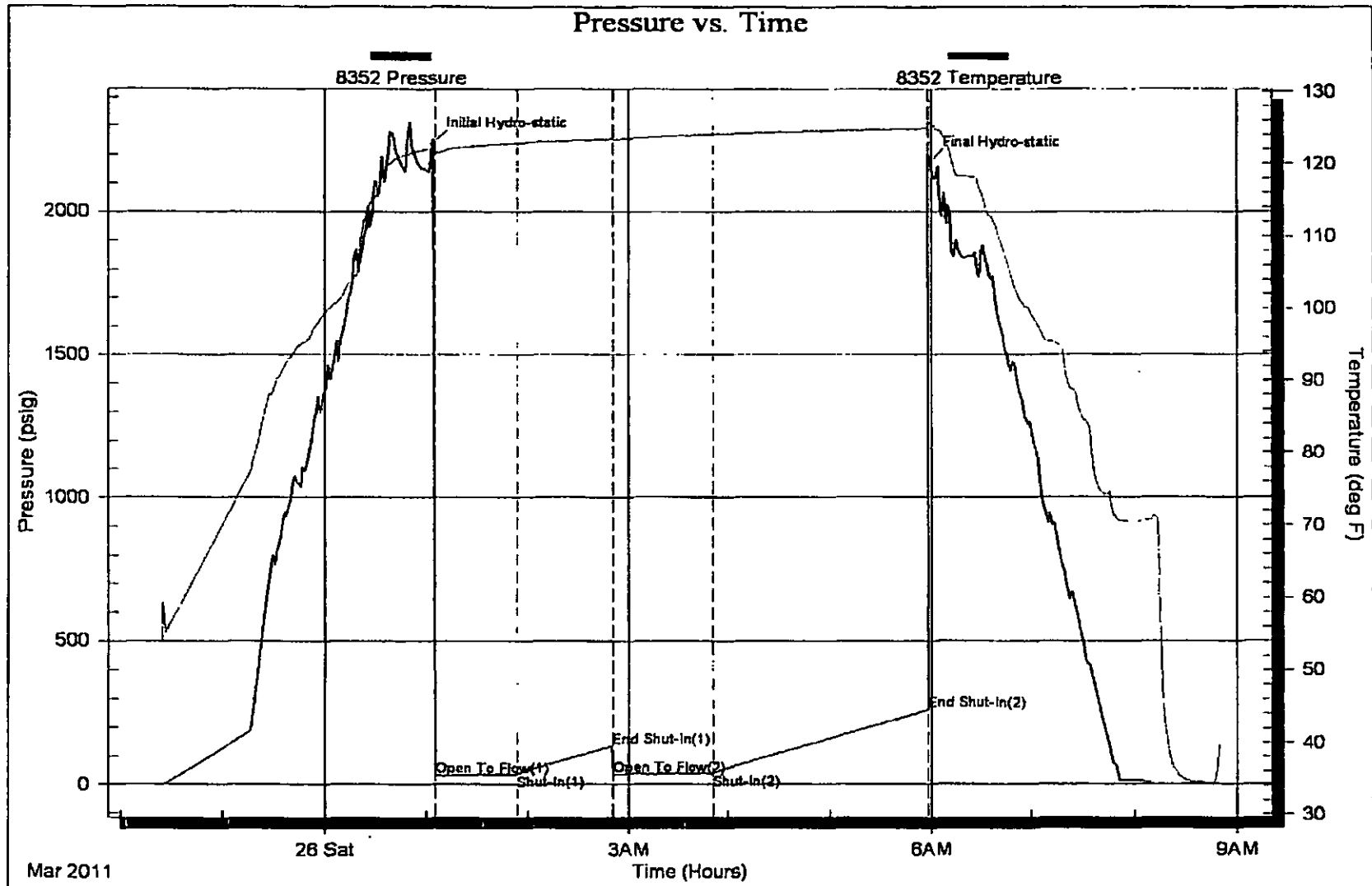
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2237.55	122.09	Initial Hydro-static
1	30.88	121.48	Open To Flow (1)
50	36.97	122.81	Shut-In(1)
107	133.02	123.40	End Shut-In(1)
107	33.84	123.35	Open To Flow (2)
167	38.95	124.02	Shut-In(2)
294	259.78	124.85	End Shut-In(2)
295	2171.47	125.67	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
40.00	Mud w/ slight oil specks in tool	0.56

### Gas Rates

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



Amarillo Exploration, Inc.  
One Energy Square  
4925 Greenville Ave.  
Suite 660  
Dallas, TX 75206

Ross #1-31  
2970 FSL & 1320 FEL Sec. 31-27S-16W  
Kiowa County, Kansas

API # 15-097-20689-0000

**WELL DATA:**

RTD: 4770'  
LTD: 4766'  
ZERO: 2131 KB (10' AGL)  
COND: 0'  
S.CSG: 468' 8-5/8"  
LOGS: Superior .DI, CDN, Micro, Sonic

**COMPLETION DATA:**

PBTD: 4742'  
P.CSG: 4-1/2" 10.5# J-55, 113 jts.  
DV None  
PERFS:  
TBG:  
RODS:

## CEMENT PRODUCTION CASING

**3-27-11**

Run 113 Jts. of new 4-1/2", 10.5, J-55,, LT&C, range 3 casing as follows top to bottom:

KB to top of csg.	15.00'	
112 Jts new 4-1/2"	4725.89'	
1- ICF	0.00'	PBTD = 4742'
1-Shoe Jt. 5-1/2"	21.53'	
Guide Shoe	1.00'	
Total	4763.42'	6' off TD

Centralizers: 4742', 4703', 4616', 4574', 4489', 4405'

Basket 4615'

Circulate .25 hrs at 2,200, .5 hrs at TD rotate casing.

Allied Cement with 100 sx. ASC, 500 gal. mud flush ahead. Mix at 14.8 , pump at 5 BPM. Good circulation. Rotated casing. Lifting pressure 500 psi. Displace with 76 bbls. fw. Plug down at 7:50 pm 3-27-11 with 1000 psi. Plug held. Plug rat and mouse hole w/ 50 sx. Seat slips. Release rig at 8:40 PM.