



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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- 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

County: \_\_\_\_\_

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

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1119557

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

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

**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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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

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
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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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Phillips Exploration Company LC

**28-10s-24w**

1601 Sagebrush  
Wichita Ks 67230 + 7010

**Heier #1-28**

Job Ticket: 48527

**DST#: 1**

ATTN: James B Phillips

Test Start: 2012.08.15 @ 22:28:54

## GENERAL INFORMATION:

Formation: **Lansing-A-B-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:16:54

Time Test Ended: 05:42:54

Test Type: Conventional Bottom Hole (Initial)

Tester: Jeff Brown

Unit No: 44

**Interval: 3750.00 ft (KB) To 3812.00 ft (KB) (TVD)**

Reference Elevations: 2424.00 ft (KB)

Total Depth: 3812.00 ft (KB) (TVD)

2419.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8321**

**Inside**

Press @ Run Depth: 67.22 psig @ 3786.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.15

End Date:

2012.08.16

Last Calib.:

2012.08.16

Start Time: 22:28:55

End Time:

05:42:54

Time On Btm:

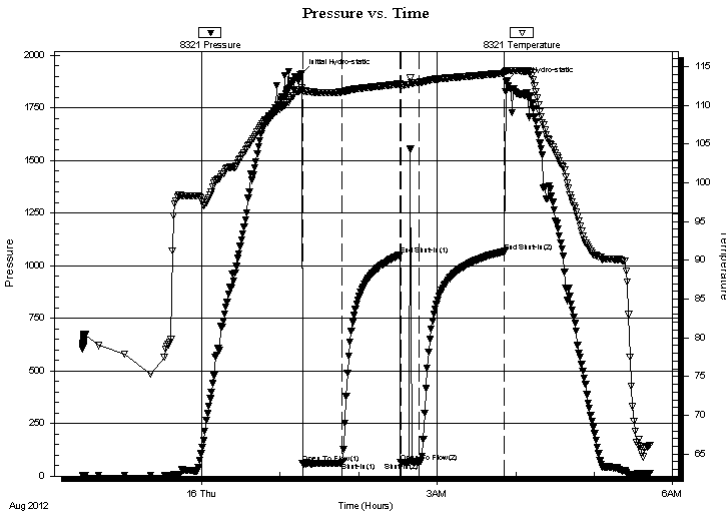
2012.08.16 @ 01:16:24

Time Off Btm:

2012.08.16 @ 03:52:54

**TEST COMMENT:** IFP=Weak blow built to 1 in  
ISI=Dead no blow back  
FFP=Dead no blow Flushed tool dead  
FSI=Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1913.38	112.23	Initial Hydro-static
1	60.40	111.91	Open To Flow (1)
31	65.84	111.74	Shut-In(1)
75	1050.99	112.77	End Shut-In(1)
76	67.18	112.53	Open To Flow (2)
90	67.22	112.97	Shut-In(2)
155	1067.35	114.16	End Shut-In(2)
157	1872.84	114.52	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
8.00	WM with oil spots 40%W 60%M	0.04
12.00	Mud	0.06

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Phillips Exploration Company LC

**28-10s-24w**

1601 Sagebrush  
Wichita Ks 67230 + 7010

**Heier #1-28**

Job Ticket: 48527

**DST#: 1**

ATTN: James B Phillips

Test Start: 2012.08.15 @ 22:28:54

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	WM w ith oil spots 40%W 60%M	0.039
12.00	Mud	0.059

Total Length: 20.00 ft      Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

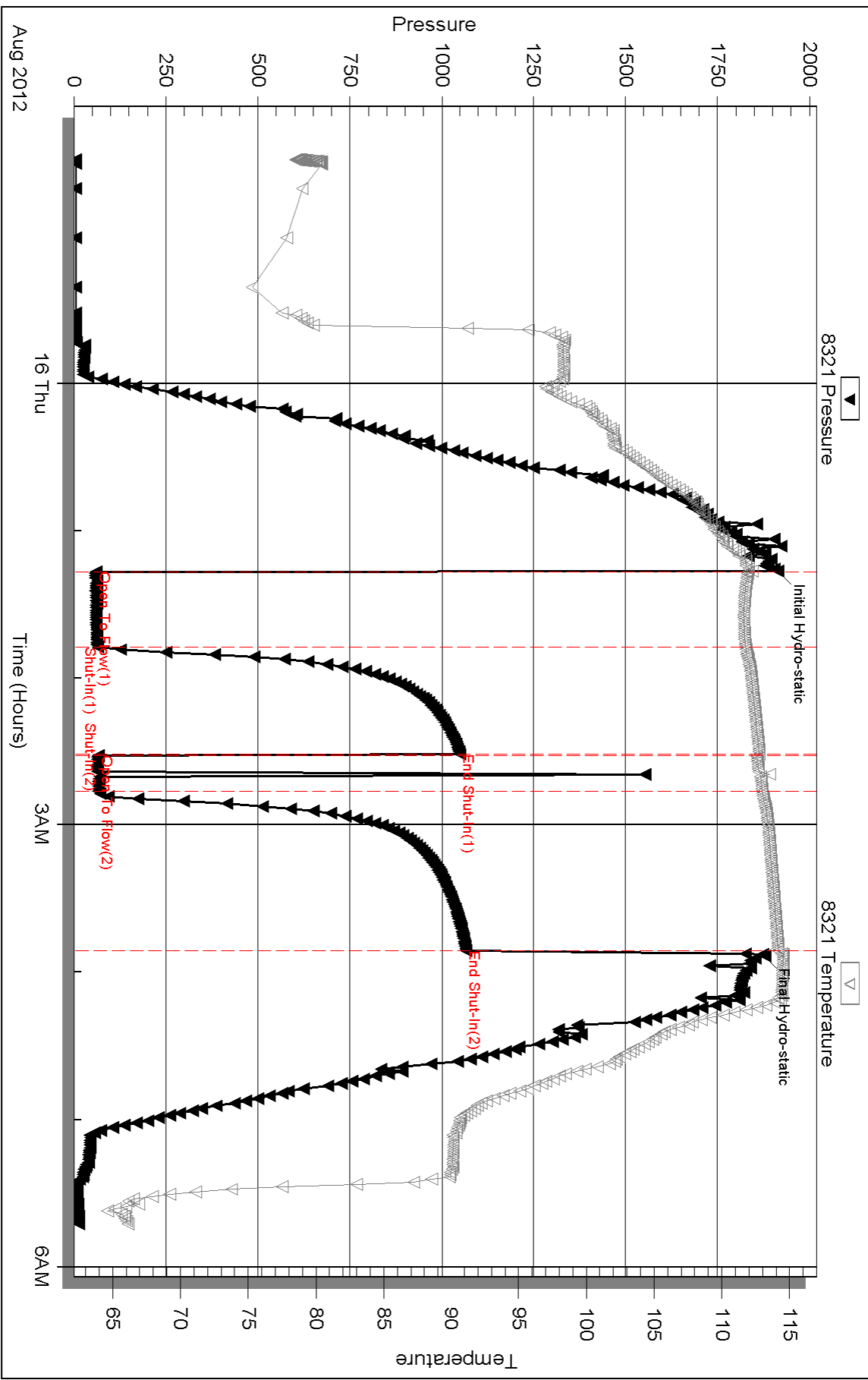
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Phillips Exploration Company LC

**28-10s-24w**

1601 Sagebrush  
Wichita Ks 67230 + 7010

**Heier #1-28**

Job Ticket: 48528

**DST#: 2**

ATTN: James B Phillips

Test Start: 2012.08.16 @ 18:41:48

## GENERAL INFORMATION:

Formation: **LKC-H-I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:26:48

Time Test Ended: 23:59:18

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

**Interval: 3900.00 ft (KB) To 3939.00 ft (KB) (TVD)**

Reference Elevations: 2424.00 ft (KB)

Total Depth: 3939.00 ft (KB) (TVD)

2419.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8321**

**Inside**

Press @ Run Depth: 32.66 psig @ 3903.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.16

End Date:

2012.08.16

Last Calib.:

2012.08.17

Start Time:

18:41:49

End Time:

23:59:18

Time On Btm:

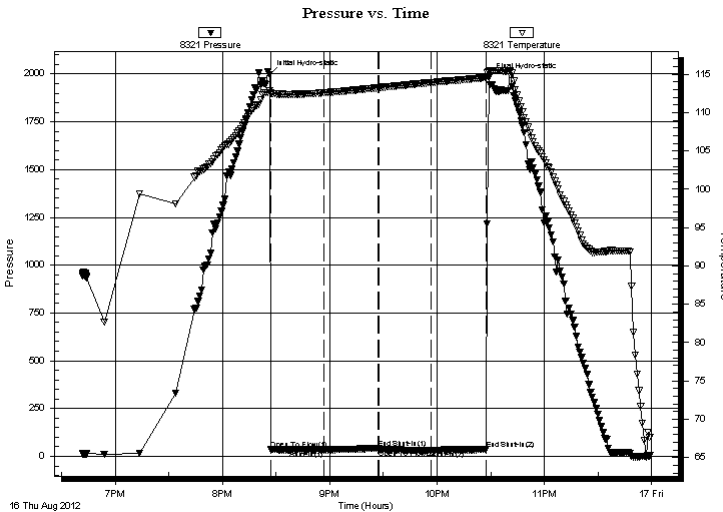
2012.08.16 @ 20:26:18

Time Off Btm:

2012.08.16 @ 22:28:48

**TEST COMMENT:** IFP=Weak surface blow built to 1/8 in  
ISI=Dead no blow back  
FFP=Weak surface blow died out in 8 min  
FSI=Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1996.14	112.87	Initial Hydro-static
1	36.68	112.52	Open To Flow (1)
31	33.83	112.58	Shut-In(1)
61	42.37	113.23	End Shut-In(1)
61	34.99	113.25	Open To Flow (2)
91	32.66	113.92	Shut-In(2)
121	34.91	114.55	End Shut-In(2)
123	1982.35	115.34	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Phillips Exploration Company LC

**28-10s-24w**

1601 Sagebrush  
Wichita Ks 67230 + 7010

**Heier #1-28**

Job Ticket: 48528

**DST#: 2**

ATTN: James B Phillips

Test Start: 2012.08.16 @ 18:41:48

### 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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud	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 #: 8321

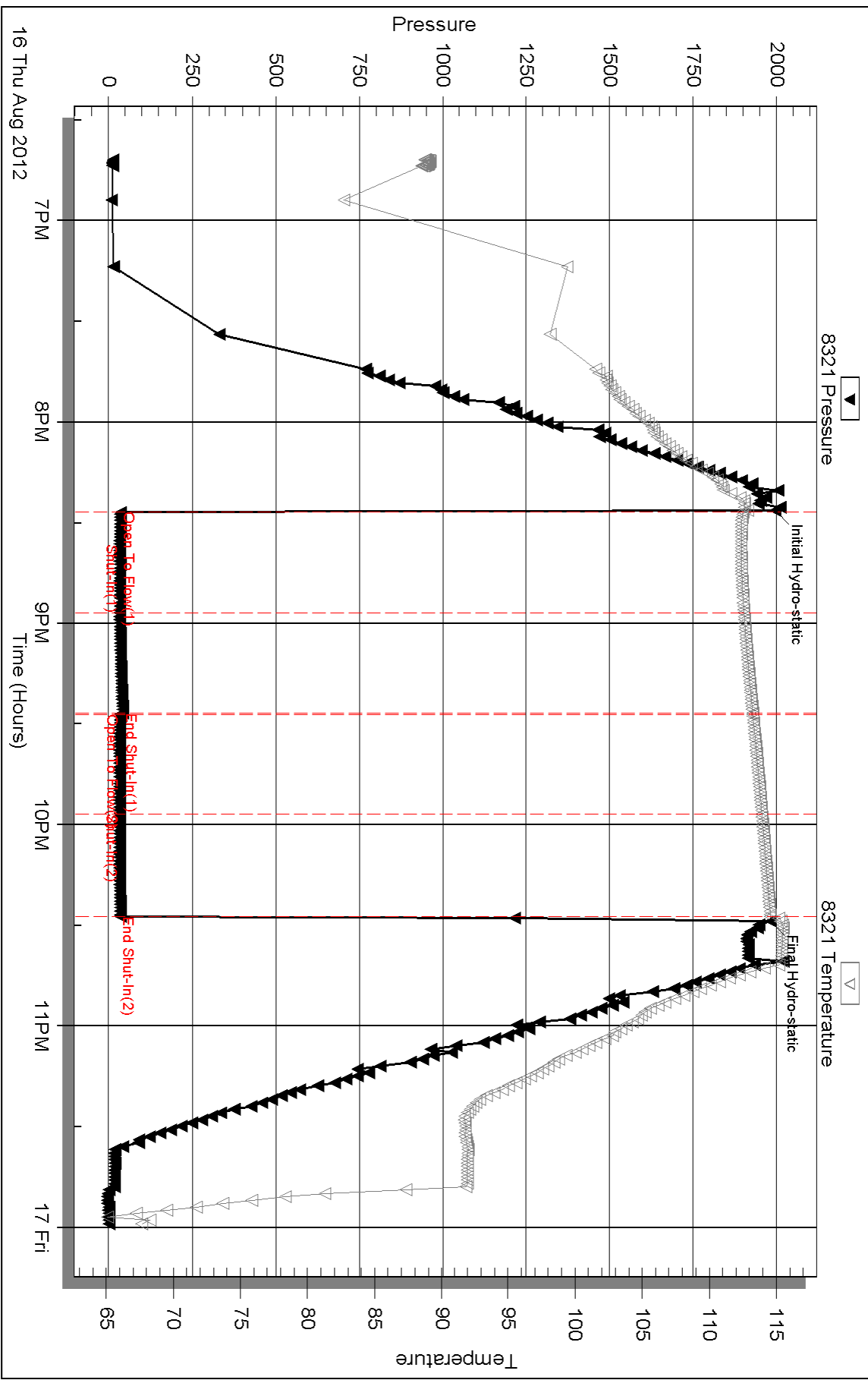
Inside

Phillips Exploration Company LC

Heier #1-28

DST Test Number: 2

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 48528

Printed: 2012.08.17 @ 10:31:26





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Phillips Exploration Company LC

**28-10s-24w**

1601 Sagebrush  
Wichita Ks 67230 + 7010

**Heier #1-28**

Job Ticket: 48529

**DST#: 3**

ATTN: James B Phillips

Test Start: 2012.08.17 @ 09:59:30

## GENERAL INFORMATION:

Formation: **LKC-J-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:06:00

Time Test Ended: 14:09:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

**Interval: 3938.00 ft (KB) To 4010.00 ft (KB) (TVD)**

Reference Elevations: 2424.00 ft (KB)

Total Depth: 4010.00 ft (KB) (TVD)

2419.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8321**

**Inside**

Press @ Run Depth: psig @ 3974.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.17

End Date:

2012.08.17

Last Calib.:

2012.08.17

Start Time: 09:59:31

End Time:

14:09:00

Time On Btm:

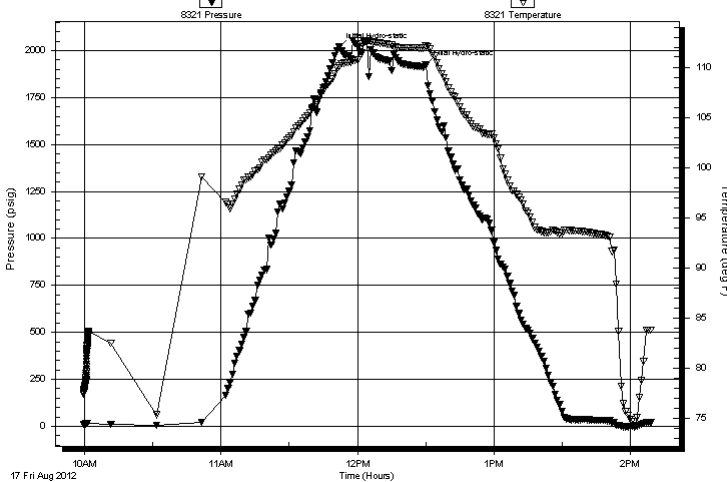
2012.08.17 @ 11:52:00

Time Off Btm:

2012.08.17 @ 12:30:00

TEST COMMENT: MIS-RUN Packer Failure

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2017.60	110.12	Initial Hydro-static
38	1922.76	112.09	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
154.00	Mud w ith oil spots	1.90

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Phillips Exploration Company LC

**28-10s-24w**

1601 Sagebrush  
Wichita Ks 67230 + 7010

**Heier #1-28**

Job Ticket: 48529

**DST#: 3**

ATTN: James B Phillips

Test Start: 2012.08.17 @ 09:59:30

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
154.00	Mud w ith oil spots	1.896

Total Length: 154.00 ft      Total Volume: 1.896 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Mis Run Packer Failure

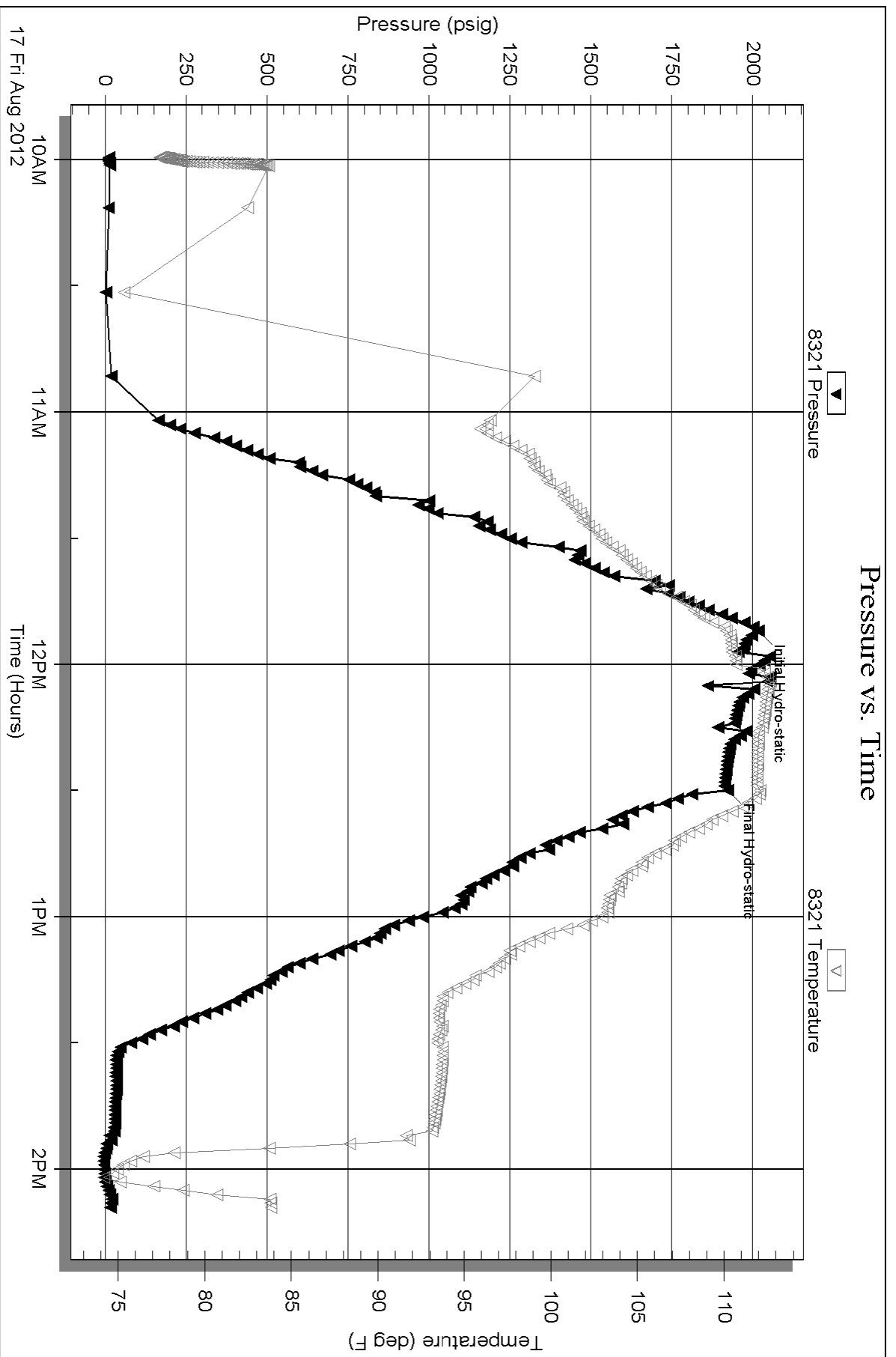
Serial #: 8321

Inside

Phillips Exploration Company LC

Heier #1-28

DST Test Number: 3





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Phillis Exploration Company LC

**28-10s-24w**

1601 Sagebrush  
Wichita Ks 67230 + 7010

**Heier #1-28**

Job Ticket: 48530

**DST#: 4**

ATTN: James B Phillips

Test Start: 2012.08.18 @ 01:37:53

## GENERAL INFORMATION:

Formation: **LKC-J-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:35:09

Time Test Ended: 09:06:09

Test Type: Conventional Straddle (Reset)

Tester: Jeff Brown

Unit No: 44

**Interval: 3925.00 ft (KB) To 3990.00 ft (KB) (TVD)**

Reference Elevations: 2424.00 ft (KB)

Total Depth: 4065.00 ft (KB) (TVD)

2419.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8321**

**Inside**

Press @ Run Depth: 184.45 psig @ 3961.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.18

End Date:

2012.08.18

Last Calib.:

2012.08.18

Start Time: 01:37:54

End Time:

09:22:09

Time On Btm:

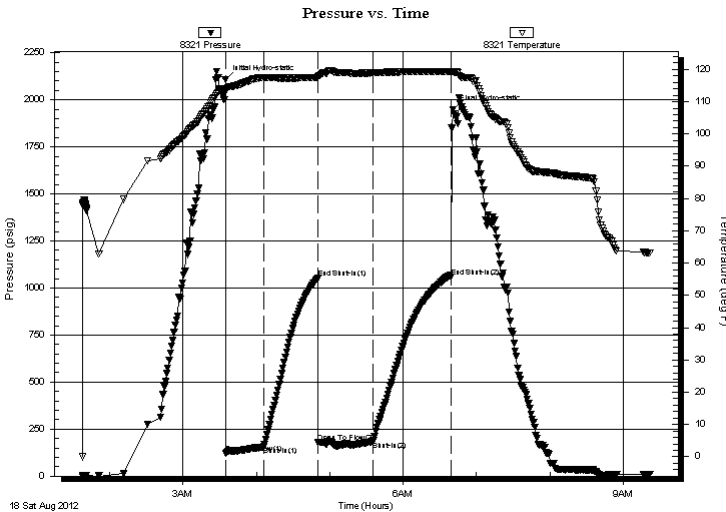
2012.08.18 @ 03:34:39

Time Off Btm:

2012.08.18 @ 06:40:39

**TEST COMMENT:** IFP=Good blow BOB in 7 1/2 min  
ISI=Weak surface blow back built to 1/8 in  
FFP=Good blow BOB in 18 Min  
FSI=Weak surface blow back built to 1/4 in

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.26	113.74	Initial Hydro-static
1	121.59	113.75	Open To Flow (1)
32	160.24	117.55	Shut-In(1)
76	1051.52	117.37	End Shut-In(1)
76	181.25	117.69	Open To Flow (2)
121	184.45	118.96	Shut-In(2)
185	1059.44	119.36	End Shut-In(2)
186	1947.91	119.27	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
119.00	HOCWM 10%W 30%O 60%M	0.86
31.00	V SOCM 2%O 98%M	0.43
63.00	HOCGWM 15%G 5%W 35%M 45%O	0.88
126.00	MCGO 25%G 15%M 60%O	1.77
0.00	167-GIP	0.00

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Phillis Exploration Company LC

**28-10s-24w**

1601 Sagebrush  
Wichita Ks 67230 + 7010

**Heier #1-28**

Job Ticket: 48530

**DST#: 4**

ATTN: James B Phillips

Test Start: 2012.08.18 @ 01:37:53

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
119.00	HOCWM 10%W 30%O 60%M	0.859
31.00	VSOCM 2%O 98%M	0.435
63.00	HOCGWM 15%G 5%W 35%M 45%O	0.884
126.00	MCGO 25%G 15%M 60%O	1.767
0.00	167-GIP	0.000

Total Length: 339.00 ft

Total Volume: 3.945 bbf

Num Fluid Samples: 0

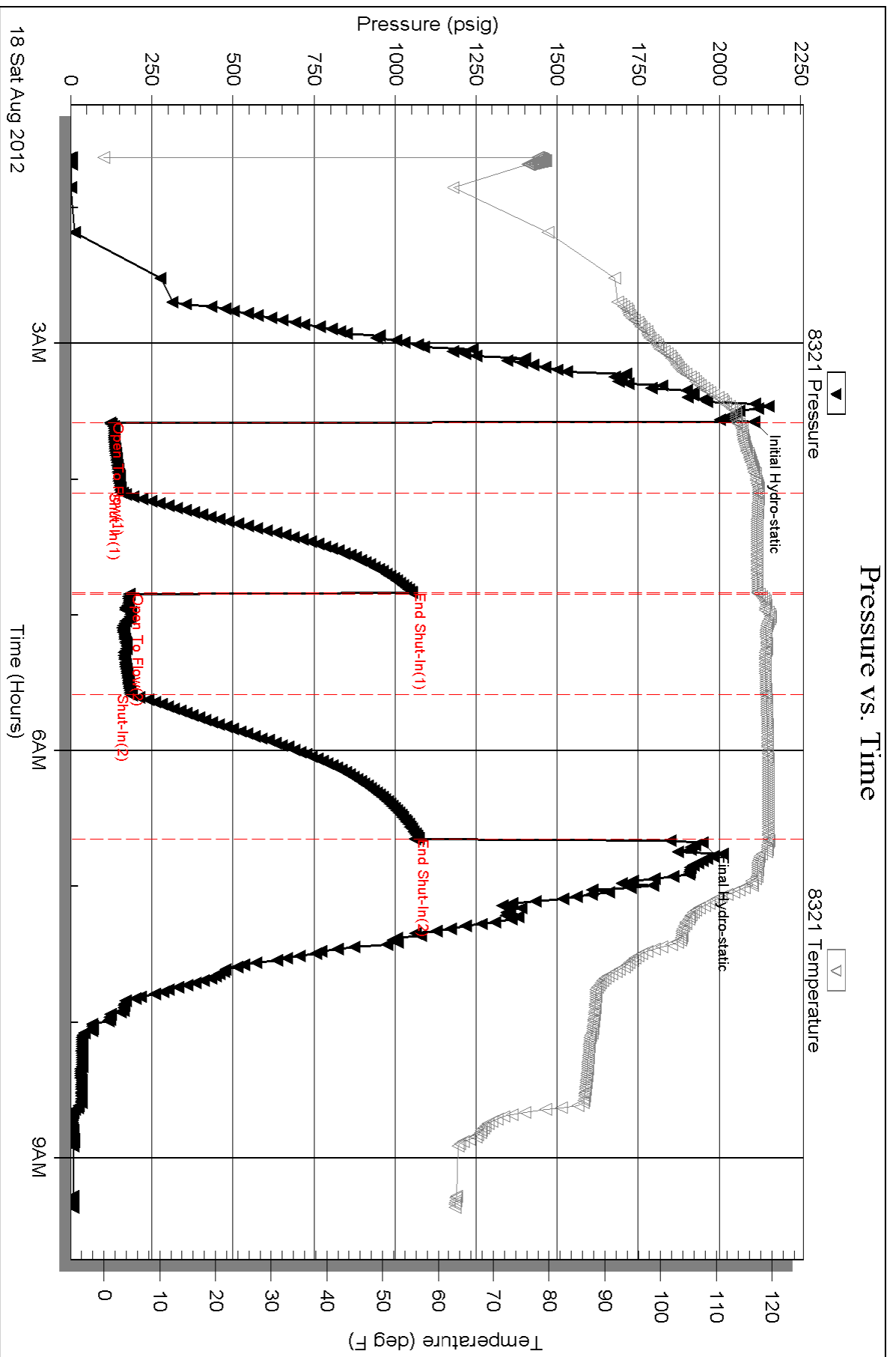
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner  
February 06, 2013

Corporation Commission

Sam Brownback, Governor

PHILLIPS EXPLORATION COMPANY L.C.  
1601 SAGEBRUSH  
WICHITA, KS 67230-7010

RE: API Well No. 15-065-23846-00-00  
HEIER 1-28  
SENWNE, 28-10S-24W  
GRAHAM County, Kansas

Dear Operator:

Upon review of the above referenced well, the following documentation appears to be incomplete pursuant to K.A.R. 82-3-107. The requested information below should be submitted to the KCC to my attention by February 22, 2013 for processing. Failure to submit the requested documentation may be punishable by an administrative penalty pursuant to the General Rules and Regulations for the State of Kansas.

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> All drilling and completion information. No ACO-1 has been received as of this date. | <input type="checkbox"/> TD and Completion date. (Month, Day, Year)   |
| <input type="checkbox"/> Must be notarized and signed.   | <input type="checkbox"/> Must have Footages from nearest outside corner of section.   |
| <input type="checkbox"/> Must have the ORIGINAL HARD COPY of ACO-1. We do not accept fax copies.                         | <input type="checkbox"/> Side two on back of ACO-1 must be completed.   |
| <input type="checkbox"/> Must be put on new form and typed.  | <input type="checkbox"/> Must have final copies of DST's/Charts.  |
| <input type="checkbox"/> API # or date when original well was first drilled.   | <input type="checkbox"/> All original complete open and cased hole wireline logs run.   |
| <input type="checkbox"/> Contractor License #.   | <input type="checkbox"/> A copy of geological reports compiled by wellsite geologist.   |
| <input type="checkbox"/> Designate type of Well Completion.  | <input type="checkbox"/> A copy of all cement job logs showing type, amounts and additives used to cement casing strings, squeeze and/or to plug and abandon. (Note: Cement tickets must be from company providing the cement, not necessarily the contractor.) |
| <input type="checkbox"/> If Workover/Re-entry, need old well information, including original completion date.            | <input type="checkbox"/> Any commingling information; File on the ACO-4 form.   |
| <input type="checkbox"/> Spud date. (Month, Day, Year)   | <input type="checkbox"/> Anything HIGHLIGHTED on ACO-1.   |
| <input type="checkbox"/> Other:  |   |

K.C.C. regulation 82-3-107 provides confidentiality, upon written request, for a period of one year from the date of such letter request. Confidentiality rights are waived if the ACO-1 remains incomplete, or is not timely filed (within 120 days from the well's spud date) including: electric logs, geologist's wellsite reports, driller's logs, and Kansas Geological Survey requested samples.

Do not hesitate to call the Kansas Corporation Commission, Conservation Division, at (316) 337-6200 if there are any questions. Note: If the intent is incorrect, you need to file a corrected intent.

Sincerely,

DEANNA GARRISON

Production Department

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 029

Date	8-11-12	Sec.		Twp.		Range		County	Trego	State		On Location		Finish	9:15 pm
Lease	Heier	Well No.	1-28		Location		Wakeeney 9N to CR 24W								
Contractor	Murfin 16				Owner		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Type Job	Surface				Charge To		Phillips Exploration								
Hole Size	12 1/4		T.D.		210		Street								
Csg.	838		Depth		208		City								
Tbg. Size			Depth				State								
Tool			Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.	10' 15"		Shoe Joint				Cement Amount Ordered								
Meas Line			Displace		12 3/4 BBL										
<b>EQUIPMENT</b>															
Pumptrk	5	No.	Cementer		Dave		Common								
			Helper		Cody		150 342								
Bulktrk	14	No.	Driver				Poz. Mix								
			Driver				150								
Bulktrk		No.	Driver				Gel.								
			Driver				3								
<b>JOB SERVICES &amp; REMARKS</b>															
Remarks:					Calcium		5								
Rat Hole					Hulls										
Mouse Hole					Salt										
Centralizers					Flowseal										
Baskets					Kol-Seal										
D/V or Port Collar					Mud CLR 48										
					CFL-117 or CD110 CAF 38										
					Sand										
					Handling		158								
					Mileage										
					<b>FLOAT EQUIPMENT</b>										
					Guide Shoe										
					Centralizer										
					Baskets										
					AFU Inserts										
					Float Shoe										
					Latch Down										
					Pumptrk Charge		Surface								
					Mileage		56								
					Tax										
					Discount										
					Total Charge										
X Signature	[Signature]														



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No. 831

Date	8-18-12	Sec.	28	Twp.	10	Range	24	County	GRAHAM	State	KANSAS	On Location		Finish	2:00 AM
Lease	HEIER		Well No.	#1-28		Location WAKEENEY-9N-7W-5/INTO									
Contractor	MUREIN #16					Owner PHILLIPS EXPLORATION									
Type Job	TWO-STAGE ↑ STAGE-PROD. STRING					To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Hole Size	7 7/8"		T.D.	4066'		Charge To PHILLIPS EXPLORATION									
Csg.	5 1/2" NEW-14LB		Depth	4069'		Street 1601 SAGEBRUSH									
Tbg. Size			Depth			City WICHITA State KS, 67230									
Tool	D.V. TOOL		Depth	2050'		The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.			Shoe Joint			Cement Amount Ordered 400 SKS QMDC 1/4 Flow									
Meas Line			Displace	50 BLS											

**EQUIPMENT**

Pumptrk #5	No.	Cement Helper	BEET	Common	400
Bulktrk #13	No.	Driver	LOHME	Poz. Mix	
Bulktrk P/U	No.	Driver	CISCO	Gel.	

**JOB SERVICES & REMARKS**

Remarks:	Calcium
Rat Hole 30 SKS	Hulls
Mouse Hole	Salt
Centralizers	Flowseal 100 #
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48 500 GALLONS
Circulated 3 hrs - pumped mud CLR 48 - plugged RAT HOLE - MIXED 370 SKS QMDC DOWN 5 1/2" - DISCONNECTED DROPPED PLUG & WASHED PUMP RECONNECTED DISPLACED 50 BLS - PLUG LANDED & HELD	CFL-117 or CD110 CAF 38
LIFT PRESSURE 1000 LBS PLUG LANDED @ 1,500 LBS	Sand
CEMENT DID NOT CIRCULATE!	Handling
	Mileage
	<b>FLOAT EQUIPMENT</b>
	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	20 GAL KCL
	Pumptrk Charge prod Long String
	Mileage NC
	CEMENTER Running Job Tax
	TOOL PUSHER Any Oil Discount
	Total Charge

X Signature

THANK YOU!

Top Stage

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No. 830

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8-18-12	28	10	24	GRAHAM	KANSAS		10:00 pm
Lease <u>HEIER</u>	Well No. <u>#1-28</u>		Location <u>WAKEFORD NTG CED - 7W-9/INTG</u>				
Contractor <u>MURFIN #16</u>	Owner <u>PHILLIPS EXPLORATION</u>			To Quality Oilwell Cementing, Inc.			
Type Job <u>TWO-STAGE</u> ↓ <u>STAGE PROD. STRING</u>	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Hole Size <u>7 7/8</u>	T.D. <u>4066</u>		Charge To <u>PHILLIPS EXPLORATION</u>				
Csg. <u>5 1/2</u>	Depth <u>4069'</u>		Street <u>1601 SAGEBRUSH</u>				
Tbg. Size	Depth		City <u>WICHITA</u> State <u>KS, 67230</u>				
Tool <u>D.V. TOOL</u>	Depth		The above was done to satisfaction and supervision of owner agent or contractor.				
Cement Left in Csg.	Shoe Joint <u>17.83'</u>		Cement Amount Ordered <u>165 Q-PRO-C-10<sup>20</sup> SALT</u>				
Meas Line	Displace <u>45<sup>W</sup> 54<sup>M</sup> 99<sup>B</sup></u>						
EQUIPMENT							
Pumptrk # <u>5</u>	No.	Cement Helper <u>BRETT</u>	Common <u>165</u>				
Bulktrk # <u>8</u>	No.	Driver <u>DOUG</u>	Poz. Mix				
Bulktrk <u>P/U</u>	No.	Driver <u>LONNIE</u>	Gel.				
		Driver <u>CTSCO</u>	Galcum <u>KCL 4 gal</u>				
JOB SERVICES & REMARKS							
Remarks:	Hulls						
Rat Hole	Salt <u>14</u>						
Mouse Hole	Flowseal						
Centralizers <u>3, 4, 5, 6, 7, 10, 13, 49</u>	Kol-Seal <u>5</u>						
Baskets <u>14, 50</u>	Mud CLR 48 <u>500 GALLONS</u>						
D/V or Port. Collar <u>50</u>	CFL-117 or CD110 CAF 38						
<u>RAW FLOAT EQUIPMENT - DROPPED BALL</u>	Sand						
<u>ESTABLISHED CIRCULATION - CIRCULATED</u>	Handling <u>179</u>						
<u>THE VESCO @ 37 - DUMPED 500 GAL</u>	Mileage						
<u>OF MUD CLR 48 &amp; TEN BBL WATER &amp;</u>	FLOAT EQUIPMENT						
<u>KCL SPACER - MIXED &amp; DUMPED -</u>	Guide Shoe						
<u>165 SKS OF QUALITY PRO-C-10<sup>20</sup> SALT</u>	Centralizer <u>8-5 1/2" TURBOS</u>						
<u>DOWN 5 1/8", SHUT DOWN DROPPED</u>	Baskets <u>2-5 1/8" WETHERFORDS</u>						
<u>PLUG &amp; WASHED UP PUMP - RE -</u>	AFU Inserts						
<u>CONNECTED AND DISPLACED 99</u>	Float Shoe <u>1-5 1/2" w/ BALL</u>						
<u>BBL'S 45 WATER + 54 MUD, PLUG</u>	Latch Down <u>1-5 1/2" w/ PLUG</u>						
<u>LANDEN &amp; HOLD - DROPPED DART</u>	D.V. TOOL w/ PLUG & DART						
<u>LET FALL TEN MIN. &amp; OPENED D.V. 4</u>	<u>20 GAL - KCL</u>						
<u>TOOL - RE-ESTABLISHED CIRCULATION</u>	Pumptrk Charge <u>prod Long String</u>						
<u>LEFT PRESSURE 1,000 LBS.</u>	Mileage <u>56</u>						
<u>PLUG LANDED @ 1,500 LBS.</u>	Tax						
<u>TOOL OPENED @ 1,000 LBS.</u>	Discount						
X Signature <u>[Signature]</u>	Cementing Charge <u>[Signature]</u>						
	TOOL WISHER - <u>[Signature]</u>						
	Total Charge						