



Confidentiality Requested:

Yes No

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	K3 Oil & Gas Operating Company
Well Name	Kearns 6-14
Doc ID	1297807

All Electric Logs Run

Caliper
Composite
Induction
Porosity
Sonic

Form	ACO1 - Well Completion
Operator	K3 Oil & Gas Operating Company
Well Name	Kearns 6-14
Doc ID	1297807

Tops

Name	Top	Datum
Anhydrite	2516	+461
Hebner	3997	-1020
Stark	4253	-1276
B/KC	4314	-1337
Marmaton	4338	-1361
Pawnee	4436	-1459
Ft Scott	4490	-1513
Cherokee	4530	-1553
Miss	4610	-1633

Summary of Changes

Lease Name and Number: Kearns 6-14

API/Permit #: 15-063-22262-00-00

Doc ID: 1297807

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	09/16/2015	03/17/2016
Completion Or Recompletion Date	09/05/2015	03/07/2016
Date of First or Resumed Production or SWD or Enhr		03/11/2016
Method Of Completion - Perf	No	Yes
Perf_Depth_1		4596-4604
Perf_Material_1		250 g 15% MCA with claystay
Perf_Material_2		1000 g 15% NEFE, w 2% musil & claystay
Perf_Record_1		4596 - 4604
Perf_Shots_1		4

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Producing Method Pumping	No	Yes
Production - Barrels Oil		117
Production - Barrels of Water		0
Production - Gas-Oil Ratio		0
Production - MCF Gas		0
Production - Oil Gravity		38
Purchaser's Name		Sunoco
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1262574	../../kcc/detail/operatorEditDetail.cfm?docID=1297807



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1262574
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed

Form must be Signed

All blanks must be Filled

CONFIDENTIAL 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: _____

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 Geologist Report / Mud Logs <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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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

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<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	K3 Oil & Gas Operating Company
Well Name	Kearns 6-14
Doc ID	1262574

All Electric Logs Run

Caliper
Composite
Induction
Porosity
Sonic

Form	ACO1 - Well Completion
Operator	K3 Oil & Gas Operating Company
Well Name	Kearns 6-14
Doc ID	1262574

Tops

Name	Top	Datum
Anhydrite	2516	+461
Hebner	3997	-1020
Stark	4253	-1276
B/KC	4314	-1337
Marmaton	4338	-1361
Pawnee	4436	-1459
Ft Scott	4490	-1513
Cherokee	4530	-1553
Miss	4610	-1633

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

067658

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

SERVICE POINT:

Oakley

DATE <u>8-26-15</u>	SEC. <u>14</u>	TWP. <u>11S</u>	RANGE <u>3W</u>	CALLED OUT	ON LOCATION <u>6:00 AM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>9:30 AM</u>
LEASE <u>Kearns</u>	WELL# <u>L-44</u>	LOCATION <u>Campers 1/2 S 1/2 E 14 S</u>		COUNTY <u>GOV</u>	STATE <u>KS</u>		
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)			<u>Windo</u>				

CONTRACTOR Duke 4
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 TD. 348.53
 CASING SIZE 8 5/8 DEPTH 348.53
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 21.24 BBL

OWNER same
 CEMENT AMOUNT ORDERED 210 SKS com 38cc.
 COMMON 210 SKS @ 17.80 3758.00
 POZMIX @
 GEL @
 CHLORIDE 5.93% @ 110 652.30
 ASC @
 @
 @
 @
 @
 @
 @
 @
 @
 @

EQUIPMENT

PUMP TRUCK CEMENTER Andrew Fortland
 # 422 HELPER Wayne Magby
 BULK TRUCK DRIVER Darren Racette
 BULK TRUCK DRIVER

TOTAL 4411.30

DISCOUNT 50% 2205.65

REMARKS:

lost circulation for a little bit while mixing cement.
Cement 10' down
Thank you

SERVICE

HANDLING 222 cu/ft @ 2.48 552.56
 MILEAGE 2.25 hrs/mile 10.27 hrs 250.50
 DEPTH OF JOB 348.53
 PUMP TRUCK CHARGE 1512.25
 EXTRA FOOTAGE @
 HV MILEAGE 10 miles @ 2.20 22.00
 LV MILEAGE 10 miles @ 4.40 44.00
 @
 @

TOTAL 2464.31

DISCOUNT 50% 1232.15

CHARGE TO: K-3 Oil + Gas operating
 STREET
 CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@
 @
 @
 @
 @
 TOTAL
 DISCOUNT %

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 Hector M. Tolles
 SIGNATURE Hector M. Tolles

SALES TAX (if Any)
 TOTAL CHARGES 6,875.61
 DISCOUNT 3,437.80 (50%) IF PAID IN 30 DAYS
 NET TOTAL 3,437.80 IF PAID IN 30 DAYS

Bid



DRILL STEM TEST REPORT

Prepared For: **K3 Oil & Gas Operating Co**

211 Highland Cross Ste 205
Houston, TX 77073

ATTN: Tom Williams

Kearns #6-14

14 11s 31w Gove,KS

Start Date: 2015.08.31 @ 20:48:00

End Date: 2015.09.01 @ 03:11:15

Job Ticket #: 61824 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.09.04 @ 13:29:14

K3 Oil & Gas Operating Co
14 11s 31w Gove,KS
Kearns #6-14
DST # 1
LKC J
2015.08.31



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61824

DST#: 1

ATTN: Tom Williams

Test Start: 2015.08.31 @ 20:48:00

GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:11:00

Time Test Ended: 03:11:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 69

Interval: 4194.00 ft (KB) To 4240.00 ft (KB) (TVD)

Reference Elevations: 2977.00 ft (KB)

Total Depth: 4240.00 ft (KB) (TVD)

2969.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8365

Inside

Press@RunDepth: 21.00 psig @ 4195.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.31

End Date:

2015.09.01

Last Calib.:

2015.09.01

Start Time: 20:48:05

End Time:

03:11:14

Time On Btm:

2015.08.31 @ 23:10:30

Time Off Btm:

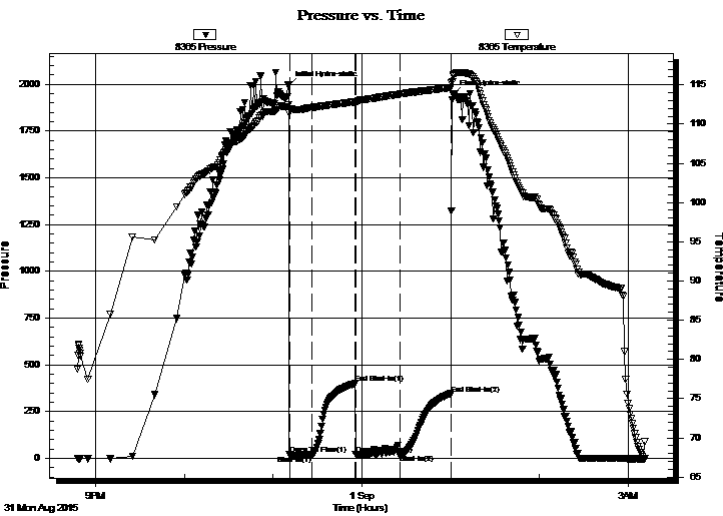
2015.09.01 @ 01:01:45

TEST COMMENT: IF: Surface blow

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1993.04	112.45	Initial Hydro-static
1	19.03	111.40	Open To Flow (1)
16	17.53	112.10	Shut-In(1)
45	399.23	112.84	End Shut-In(1)
46	19.39	112.76	Open To Flow (2)
76	21.00	113.82	Shut-In(2)
110	341.93	114.65	End Shut-In(2)
112	1944.05	116.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100m (oil specks)	0.21

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61824

DST#: 1

ATTN: Tom Williams

Test Start: 2015.08.31 @ 20:48:00

GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:11:00

Time Test Ended: 03:11:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 69

Interval: **4194.00 ft (KB) To 4240.00 ft (KB) (TVD)**

Reference Elevations: 2977.00 ft (KB)

Total Depth: 4240.00 ft (KB) (TVD)

2969.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: **8522** Outside

Press@RunDepth: psig @ 4195.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.31 End Date: 2015.09.01

Last Calib.: 2015.09.01

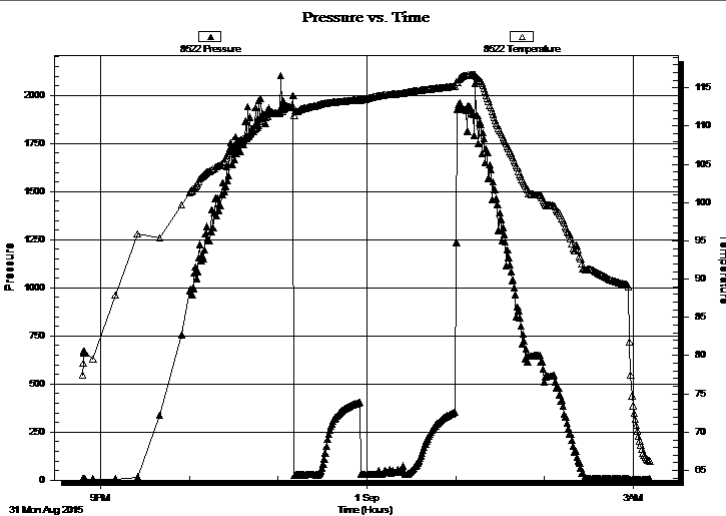
Start Time: 20:48:05 End Time: 03:11:14

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Surface blow
IS: No return.
FF: No blow.
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PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100m (oil specks)	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61824

DST#: 1

ATTN: Tom Williams

Test Start: 2015.08.31 @ 20:48:00

Tool Information

Drill Pipe:	Length: 4188.00 ft	Diameter: 3.80 inches	Volume: 58.75 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 58.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4194.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	73.00 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			4168.00	
Shut In Tool	5.00			4173.00	
Hydraulic tool	5.00			4178.00	
Jars	5.00			4183.00	
Safety Joint	2.00			4185.00	
Packer	5.00			4190.00	27.00 Bottom Of Top Packer
Packer	4.00			4194.00	
Stubb	1.00			4195.00	
Recorder	0.00	8365	Inside	4195.00	
Recorder	0.00	8522	Outside	4195.00	
Perforations	9.00			4204.00	
Change Over Sub	1.00			4205.00	
Drill Pipe	31.00			4236.00	
Change Over Sub	1.00			4237.00	
Bullnose	3.00			4240.00	46.00 Bottom Packers & Anchor

Total Tool Length: 73.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61824

DST#: 1

ATTN: Tom Williams

Test Start: 2015.08.31 @ 20:48:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	mud 100m (oil specks)	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

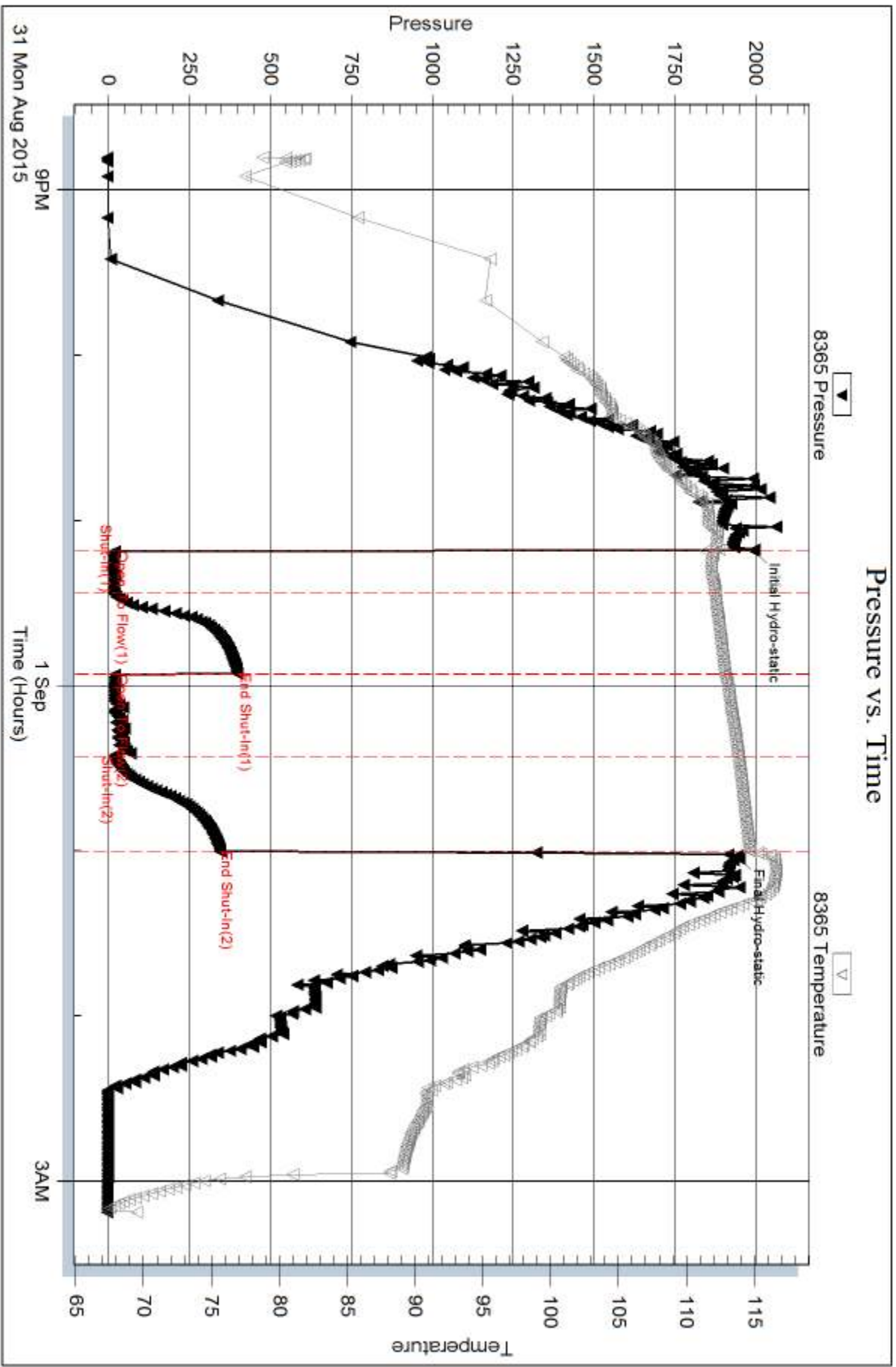
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

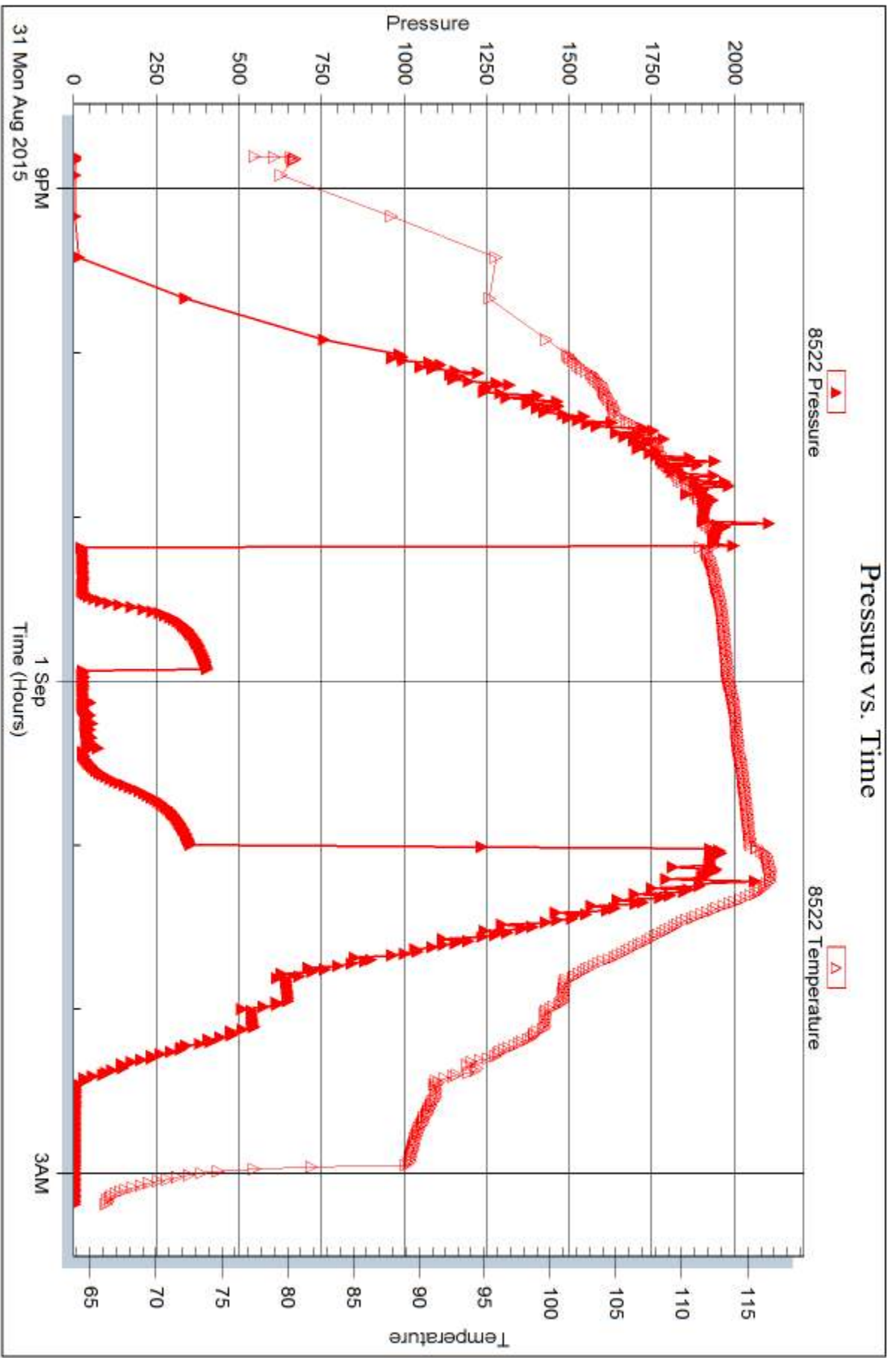


Serial #: 8522

Outside K3 Oil & Gas Operating Co

Kearns #6-14

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 61824

Printed: 2015.09.04 @ 13:29:16



DRILL STEM TEST REPORT

Prepared For: **K3 Oil & Gas Operating Co**

211 Highland Cross Ste 205
Houston, TX 77073

ATTN: Tom Williams

Kearns #6-14

14 11s 31w Gove,KS

Start Date: 2015.09.01 @ 13:38:00

End Date: 2015.09.01 @ 20:09:45

Job Ticket #: 61825 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.09.04 @ 13:28:44

K3 Oil & Gas Operating Co
14 11s 31w Gove,KS
Kearns #6-14
DST # 2
LKC- L
2015.09.01



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61825

DST#: 2

ATTN: Tom Williams

Test Start: 2015.09.01 @ 13:38:00

GENERAL INFORMATION:

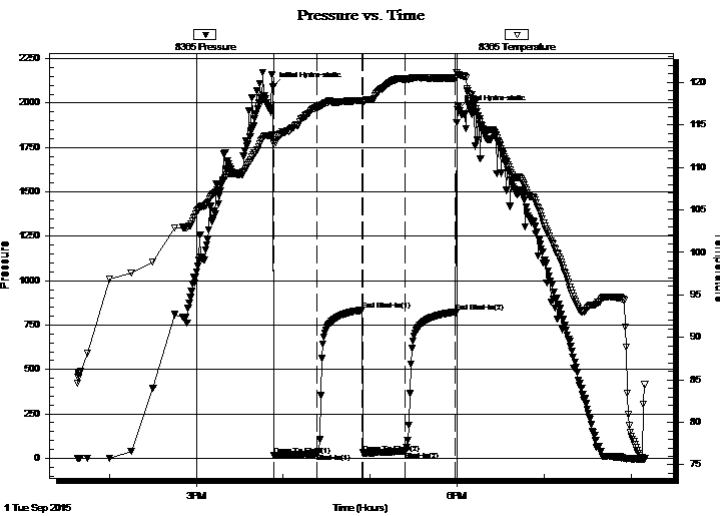
Formation: **LKC- L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:53:15
 Time Test Ended: 20:09:45
 Interval: **4284.00 ft (KB) To 4210.00 ft (KB) (TVD)**
 Total Depth: 4284.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 69
 Reference Elevations: 2977.00 ft (KB)
 2969.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8365

Inside

Press@RunDepth: 39.43 psig @ 4285.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.09.01 End Date: 2015.09.01 Last Calib.: 2015.09.01
 Start Time: 13:38:05 End Time: 20:09:44 Time On Btm: 2015.09.01 @ 15:53:00
 Time Off Btm: 2015.09.01 @ 18:00:15

TEST COMMENT: IF: 2" blow.
 IS: No return.
 FF: 1" blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2092.25	113.82	Initial Hydro-static
1	16.84	112.76	Open To Flow (1)
30	26.44	117.03	Shut-In(1)
62	835.01	117.89	End Shut-In(1)
62	29.45	117.74	Open To Flow (2)
91	39.43	120.38	Shut-In(2)
126	823.66	120.53	End Shut-In(2)
128	1962.14	120.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	w cm 30w 70m (oil specks)	0.42

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

K3 Oil & Gas Operating Co
211 Highland Cross Ste 205
Houston, TX 77073
ATTN: Tom Williams

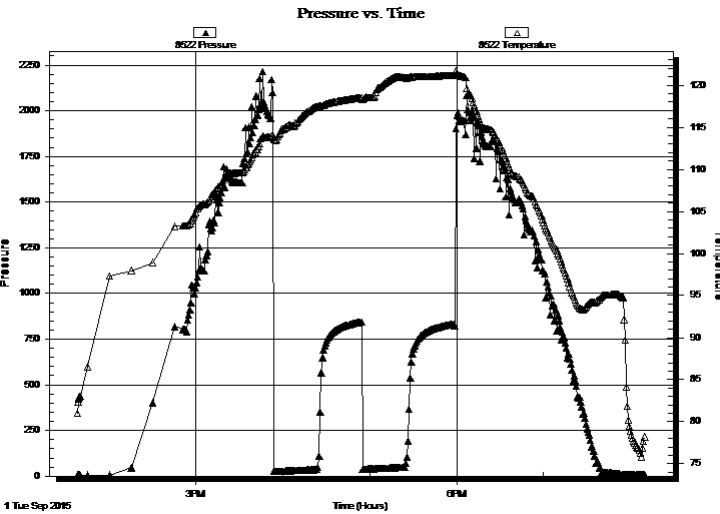
14 11s 31w Gove,KS
Kearns #6-14
Job Ticket: 61825 **DST#: 2**
Test Start: 2015.09.01 @ 13:38:00

GENERAL INFORMATION:

Formation: **LKC- L**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 15:53:15 Tester: Bradley Walter
Time Test Ended: 20:09:45 Unit No: 69
Interval: 4284.00 ft (KB) To 4210.00 ft (KB) (TVD) Reference Elevations: 2977.00 ft (KB)
Total Depth: 4284.00 ft (KB) (TVD) 2969.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8522 Outside
Press@RunDepth: psig @ 4285.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.09.01 End Date: 2015.09.01 Last Calib.: 2015.09.01
Start Time: 13:38:05 End Time: 20:09:59 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 2" blow.
IS: No return.
FF: 1" blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
30.00	w cm 30w 70m (oil specks)	0.42

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61825

DST#: 2

ATTN: Tom Williams

Test Start: 2015.09.01 @ 13:38:00

Tool Information

Drill Pipe:	Length: 4280.00 ft	Diameter: 3.80 inches	Volume: 60.04 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 60.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4284.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	73.00 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			4258.00	
Shut In Tool	5.00			4263.00	
Hydraulic tool	5.00			4268.00	
Jars	5.00			4273.00	
Safety Joint	2.00			4275.00	
Packer	5.00			4280.00	27.00 Bottom Of Top Packer
Packer	4.00			4284.00	
Stubb	1.00			4285.00	
Recorder	0.00	8365	Inside	4285.00	
Recorder	0.00	8522	Outside	4285.00	
Perforations	9.00			4294.00	
Change Over Sub	1.00			4295.00	
Drill Pipe	31.00			4326.00	
Change Over Sub	1.00			4327.00	
Bullnose	3.00			4330.00	46.00 Bottom Packers & Anchor

Total Tool Length: 73.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61825

DST#: 2

ATTN: Tom Williams

Test Start: 2015.09.01 @ 13:38:00

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:

24000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
30.00	w cm 30w 70m (oil specks)	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbf

Num Fluid Samples: 0

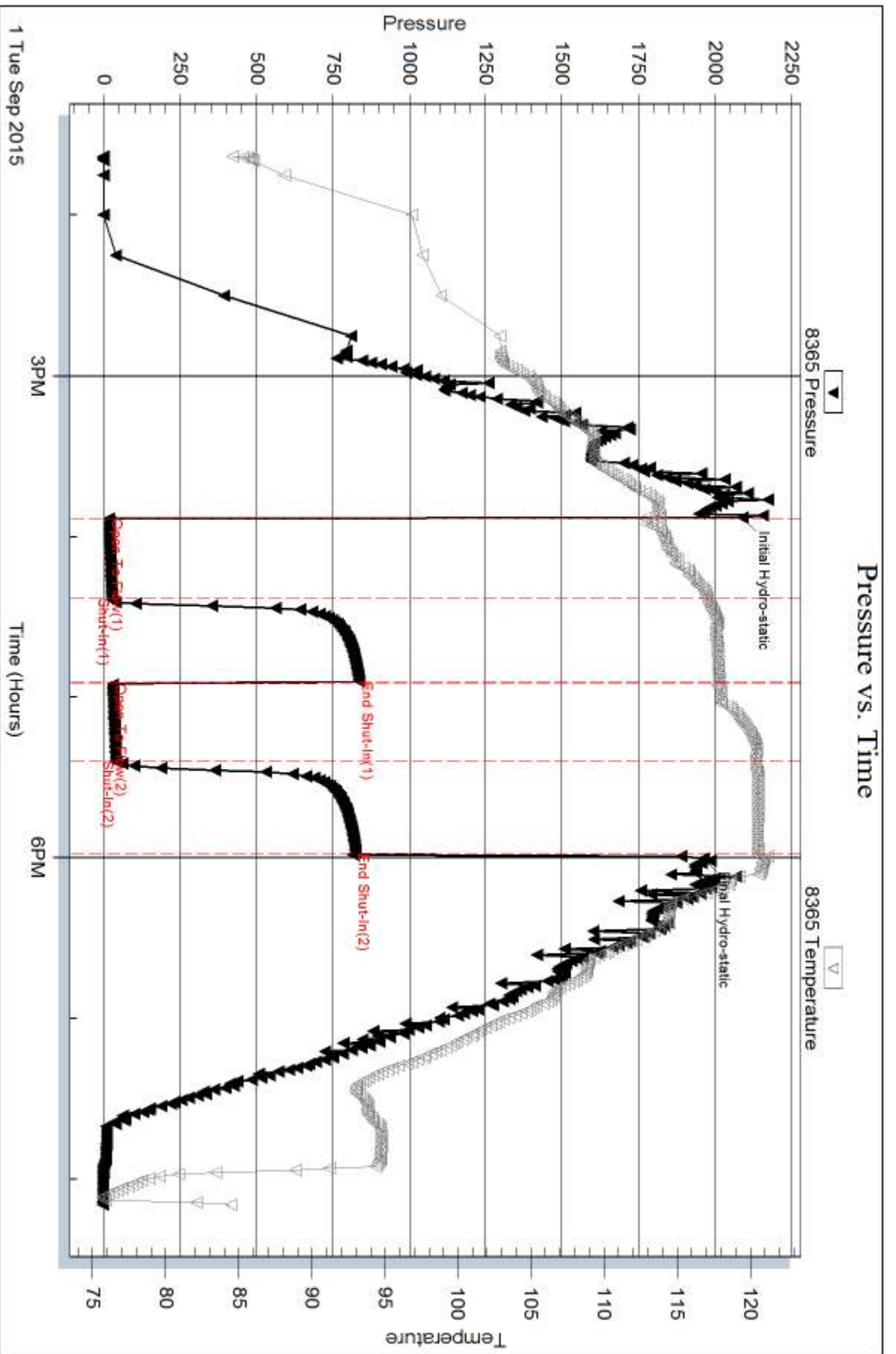
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .250 @ 80f = 24,000ppm

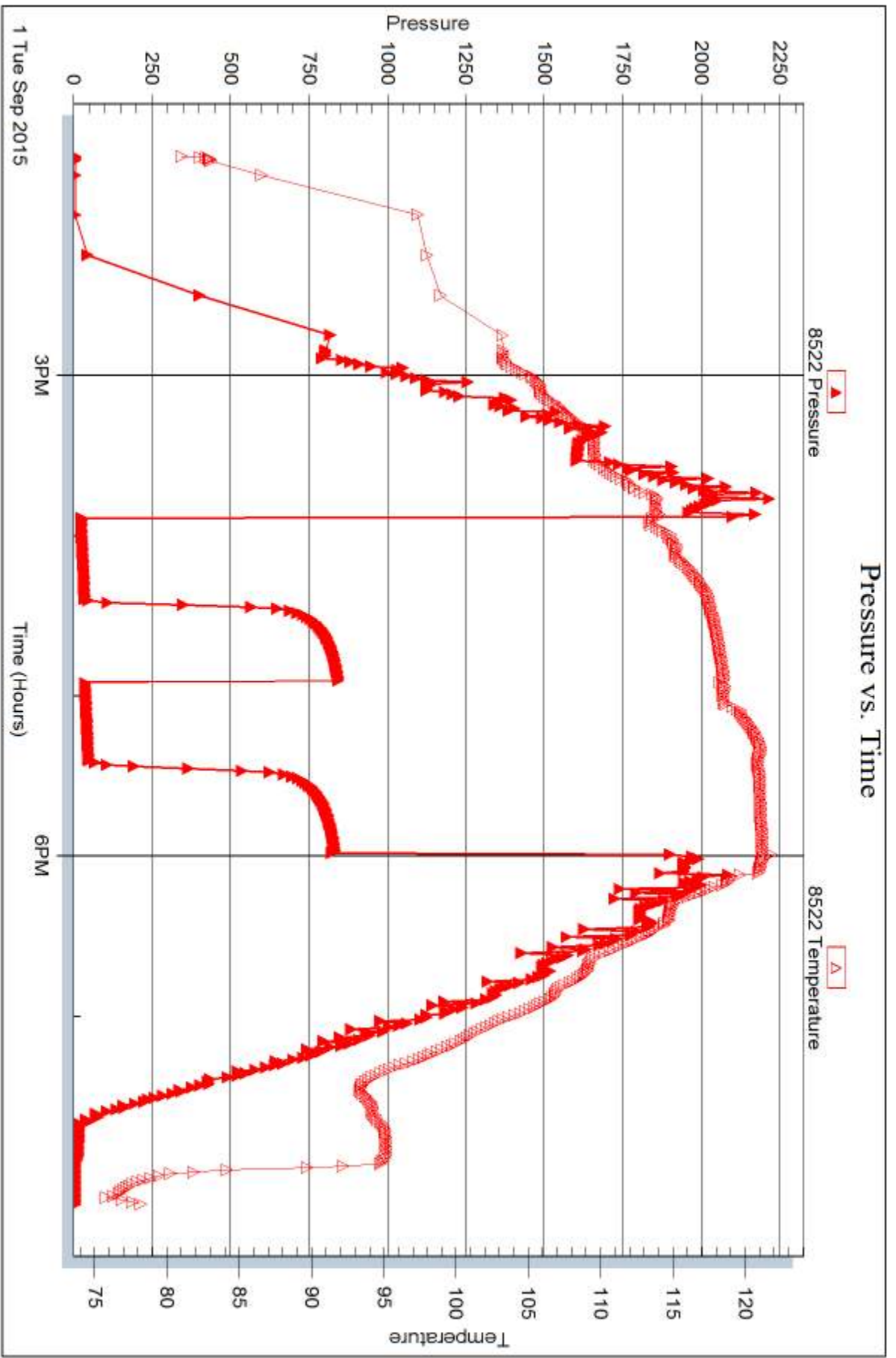


Serial #: 8522

Outside K3 Oil & Gas Operating Co

Kearns #6-14

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 61825

Printed: 2015.09.04 @ 13:28:46



DRILL STEM TEST REPORT

Prepared For: **K3 Oil & Gas Operating Co**

211 Highland Cross Ste 205
Houston, TX 77073

ATTN: Tom Williams

Kearns #6-14

14 11s 31w Gove,KS

Start Date: 2015.09.03 @ 02:02:00

End Date: 2015.09.03 @ 10:45:30

Job Ticket #: 61828 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.09.04 @ 13:27:12



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61828

DST#: 3

ATTN: Tom Williams

Test Start: 2015.09.03 @ 02:02:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:35:00

Time Test Ended: 10:45:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4534.00 ft (KB) To 4600.00 ft (KB) (TVD)

Reference Elevations: 2977.00 ft (KB)

Total Depth: 4600.00 ft (KB) (TVD)

2969.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8365

Inside

Press@RunDepth: 581.62 psig @ 4535.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.03

End Date:

2015.09.03

Last Calib.:

2015.09.03

Start Time: 02:02:05

End Time:

10:45:30

Time On Btm:

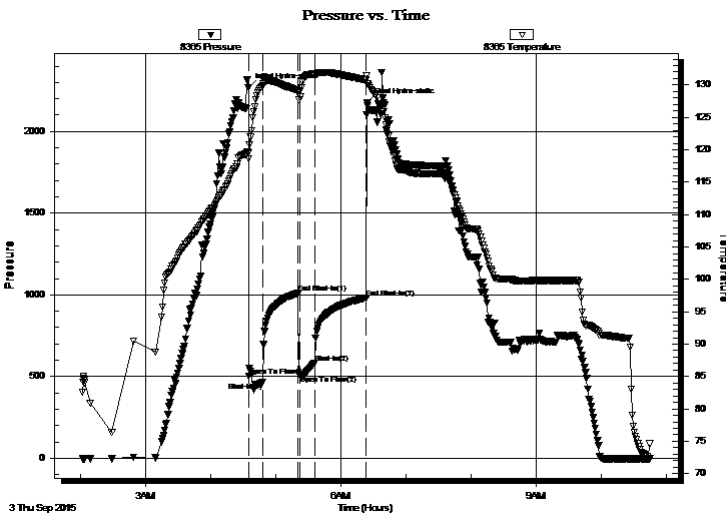
2015.09.03 @ 04:34:45

Time Off Btm:

2015.09.03 @ 06:24:30

TEST COMMENT: IF: BOB @ 1 min.
IS: BOB @ 3 min.
FF: BOB @ open.
FS: BOB @ 5 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2267.37	119.55	Initial Hydro-static
1	503.30	118.58	Open To Flow (1)
14	467.38	129.90	Shut-In(1)
46	1011.01	129.11	End Shut-In(1)
47	511.94	127.73	Open To Flow (2)
61	581.62	131.65	Shut-In(2)
109	981.59	130.75	End Shut-In(2)
110	2173.72	130.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	gocm 20g 30o 50m	1.68
1480.00	go 30g 70o	20.76
0.00	2560' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

K3 Oil & Gas Operating Co

14 11s 31w Gove, KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61828

DST#: 3

ATTN: Tom Williams

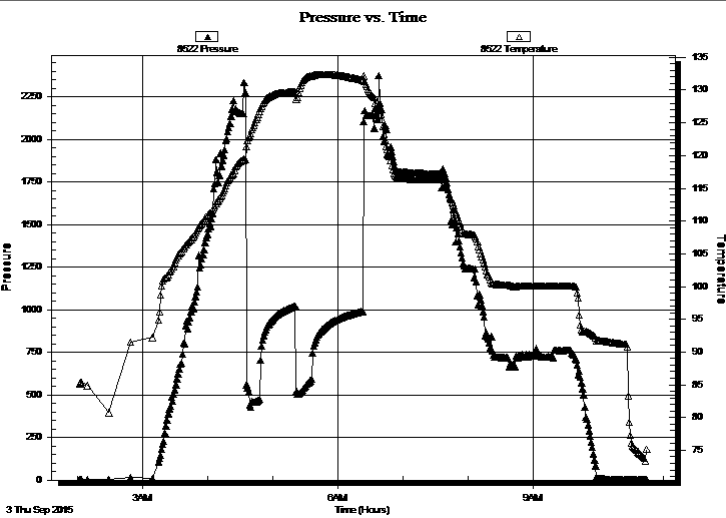
Test Start: 2015.09.03 @ 02:02:00

GENERAL INFORMATION:

Formation: Cherokee Sand			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 04:35:00		Tester: Bradley Walter	
Time Test Ended: 10:45:30		Unit No: 69	
Interval: 4534.00 ft (KB) To 4600.00 ft (KB) (TVD)		Reference Elevations: 2977.00 ft (KB)	
Total Depth: 4600.00 ft (KB) (TVD)		2969.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 8.00 ft	

Serial #: 8522	Outside				
Press@RunDepth:	psig @	4535.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2015.09.03	End Date:	2015.09.03	Last Calib.:	2015.09.03
Start Time:	02:02:05	End Time:	10:45:30	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: IF: BOB @ 1 min.
 IS: BOB @ 3 min.
 FF: BOB @ open.
 FS: BOB @ 5 min.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
120.00	gocm 20g 30o 50m	1.68
1480.00	go 30g 70o	20.76
0.00	2560' GIP	0.00

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61828

DST#: 3

ATTN: Tom Williams

Test Start: 2015.09.03 @ 02:02:00

Tool Information

Drill Pipe:	Length: 4535.00 ft	Diameter: 3.80 inches	Volume: 63.61 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 63.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4534.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	93.00 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			4508.00	
Shut In Tool	5.00			4513.00	
Hydraulic tool	5.00			4518.00	
Jars	5.00			4523.00	
Safety Joint	2.00			4525.00	
Packer	5.00			4530.00	27.00 Bottom Of Top Packer
Packer	4.00			4534.00	
Stubb	1.00			4535.00	
Recorder	0.00	8365	Inside	4535.00	
Recorder	0.00	8522	Outside	4535.00	
Perforations	29.00			4564.00	
Change Over Sub	1.00			4565.00	
Drill Pipe	31.00			4596.00	
Change Over Sub	1.00			4597.00	
Bullnose	3.00			4600.00	66.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

K3 Oil & Gas Operating Co

14 11s 31w Gove,KS

211 Highland Cross Ste 205
Houston, TX 77073

Kearns #6-14

Job Ticket: 61828

DST#: 3

ATTN: Tom Williams

Test Start: 2015.09.03 @ 02:02:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	gocm 20g 30o 50m	1.683
1480.00	go 30g 70o	20.761
0.00	2560' GIP	0.000

Total Length: 1600.00 ft Total Volume: 22.444 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

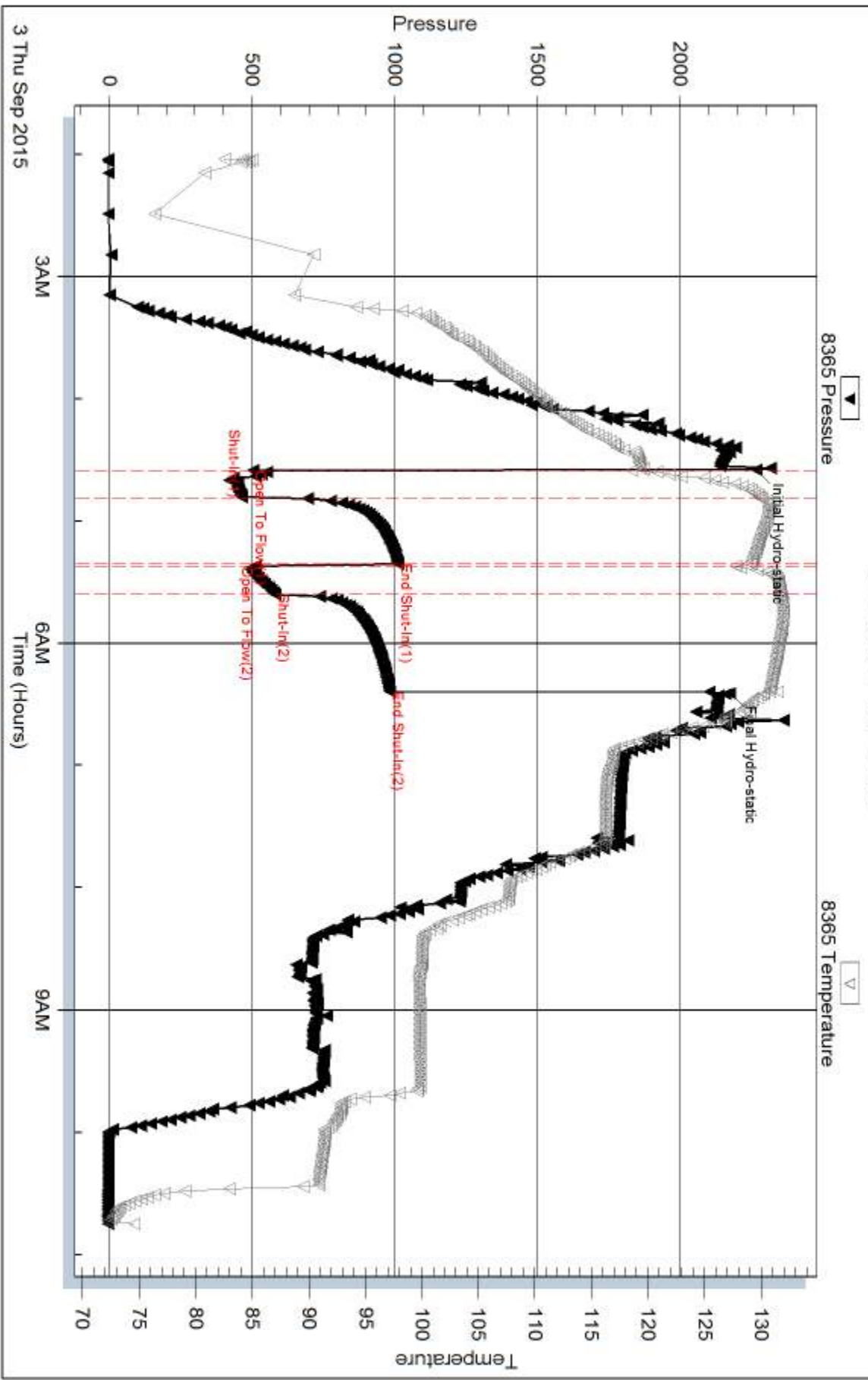
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

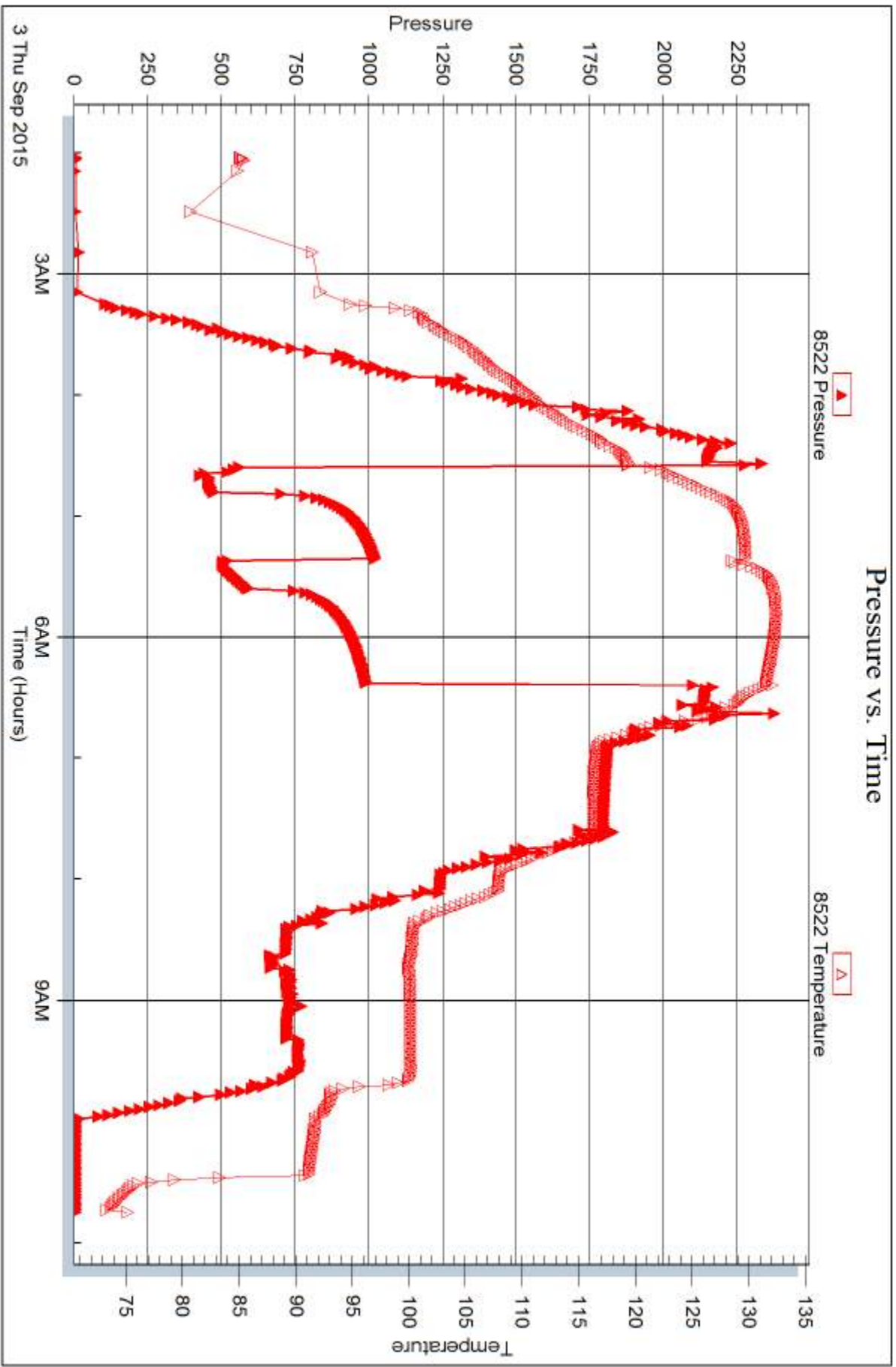


Serial #: 8522

Outside K3 Oil & Gas Operating Co

Kearns #6-14

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 61828

Printed: 2015.09.04 @ 13:27:14



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61824

Well Name & No. Kearns #6-13 Test No. 1 Date 9/01/2015
 Company K3 Oil & Gas Operating Co. Elevation 2977 KB 2969 GL
 Address 211 Highland Cross Ste 205 Houston, Tx 77073
 Co. Rep / Geo. Tom Williams Rig Duke #4
 Location: Sec. 14 Twp. 11s Rge. 31w Co. Gove State Ks

Interval Tested 4194 - 4240 Zone Tested LKC - J
 Anchor Length 46' Drill Pipe Run 4188 Mud Wt. 9.2
 Top Packer Depth 4189 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 4194 Wt. Pipe Run 0 WL 6.4
 Total Depth 4240 Chlorides 800 ppm System LCM 9# Pill on bottom

Blow Description IF: Surface blow.
ISI: No return.
FF: No blow
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>MUD</u>			<u>100</u>	
	<u>OIL SPEK'S</u>				

Rec Total 15 BHT 115 Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic <u>1993</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>2000</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2048</u>
(C) First Final Flow <u>18</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2311</u>
(D) Initial Shut-In <u>399</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>0056</u>
(E) Second Initial Flow <u>19</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0311</u>
(F) Second Final Flow <u>21</u>	<input checked="" type="checkbox"/> Mileage <u>104 RT</u>	Comments
(G) Final Shut-In <u>342</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1944</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>15</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1579</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1579</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. 61825

Well Name & No. Kearns # G-13 Test No. 2 Date 9/01/2015
 Company K3 Oil & Gas Co, Inc Elevation 2977 KB 2969 GL
 Address 211 Highland Cross Ste 205 Houston TX 77073
 Co. Rep / Geo. Tom Williams Rig Duke #4
 Location: Sec. 14 Twp. 11s Rge. 31w Co. Gove State Ks

Interval Tested 4284 - 4310 Zone Tested LK L
 Anchor Length 20 Drill Pipe Run 4280 Mud Wt. 9.2
 Top Packer Depth 4279 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 4284 Wt. Pipe Run 0 WL 7.2
 Total Depth 4310 Chlorides 600 ppm System LCM 6[#]
 Blow Description IF: 2" blow
BF: No return.
FF: 1" blow
FSI: No return.

Rec	Feet of	(OIL SPECKS)	%gas	%oil	%water	%mud
<u>30</u>	<u>WC n</u>				<u>30</u>	<u>70</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 30 BHT 121 Gravity — API RW .250 @ 80 °F Chlorides 24,000 ppm
 (A) Initial Hydrostatic 2092 Test 1150 T-On Location 1300
 (B) First Initial Flow 17 Jars 250 T-Started 1336
 (C) First Final Flow 26 Safety Joint 75 T-Open 1552
 (D) Initial Shut-In 835 Circ Sub 4K T-Pulled 1752
 (E) Second Initial Flow 29 Hourly Standby _____ T-Out 2010
 (F) Second Final Flow 39 Mileage 104 RT Comments _____
 (G) Final Shut-In 824 Sampler _____
 (H) Final Hydrostatic 1962 Straddle _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1579
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1579

Approved By _____ Our Representative 

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. 61828

Well Name & No. Kearns # C-13 Test No. 3 Date 9/03/2015
 Company K3 Oil & Gas Co, Inc Elevation 2977 KB 2969 GL
 Address 211 Highland Cross Ste 205 Houston Tx 77073
 Co. Rep / Geo. Tom Williams Rig Duke #4
 Location: Sec. 14 Twp. 11s Rge. 31w Co. Cove State Ks

Interval Tested 4534 4600 Zone Tested Cherokee Sand
 Anchor Length 66 Drill Pipe Run 4535 Mud Wt. 9.0
 Top Packer Depth 4529 Drill Collars Run 0 Vis 63
 Bottom Packer Depth 4534 Wt. Pipe Run 0 WL 7.2
 Total Depth 4600 Chlorides 1100 ppm System LCM 7#
 Blow Description IF: BOB@ 1min
ISI: BOB@ 3min
FF: BOB@ open
FSI: BOB@ 5min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>1460</u>	<u>60</u>	<u>50</u>	<u>70</u>		
<u>120</u>	<u>60cm</u>	<u>20</u>	<u>30</u>		<u>50</u>
	<u>2560' GIP</u>				

Rec Total 1600 BHT 131 Gravity 38 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 2267 Test 1150 T-On Location 0130
 (B) First Initial Flow 503 Jars 250 T-Started 0202
 (C) First Final Flow 467 Safety Joint 75 T-Open 0434
 (D) Initial Shut-In 1011 Circ Sub used 50 T-Pulled 0619
 (E) Second Initial Flow 512 Hourly Standby _____ T-Out 1046
 (F) Second Final Flow 582 Mileage 104x2 +104 Comments _____
 (G) Final Shut-In 982 Sampler _____ PV tool 1400 9/04
 (H) Final Hydrostatic 2174 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1733
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1733

Approved By _____ Our Representative [Signature] Thanks!

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.