



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1179038  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

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

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

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

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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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: \_\_\_\_\_

1179038

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

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

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

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

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

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

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

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

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

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

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# SCHIPPER'S OIL FIELD SERVICES, L.L.C.

1131

REMIT TO 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT: Russell, ks - Hoye, ks

DATE <u>10-18-13</u>	SEC. <u>11</u>	TWP. <u>5</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>3:30am</u>	JOB FINISH <u>4:00am</u>
LEASE <u>Propanstiel</u>	WELL #. <u>1</u>	LOCATION			COUNTY <u>Phillips</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (CIRCLE ONE)							

CONTRACTOR White Knight

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D.

CASING SIZE 8 5/8 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 200 MINIMUM 0

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 20st

PERFS

DISPLACEMENT

EQUIPMENT

PUMP TRUCK # P1 CEMENTER Heath  
HELPER Cody

BULK TRUCK # B1 DRIVER Jay

BULK TRUCK # DRIVER

OWNER

CEMENT AMOUNT ORDERED 150st com 3% CC 1% gel

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

REMARKS:  
Ran 5 hrs of 8 5/8 casing and landing it  
Est circulation with mud pump  
Hook up and mix 150st and disp 13 bbl  
at 1470. Shut in @ 200 ps.  
Cement did circulate.

CHARGE TO: Castle

STREET

CITY STATE ZIP

Schippers Oil Field Services, L.L.C.,  
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. I thank you.

PRINTED NAME Terry Castle

SIGNATURE

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE 42 x 2 @

MANIFOLD @

TOTAL

### PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

# SCHIPPER'S OIL FIELD SERVICES, L.L.C.

1138

REMIT TO 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT:  
Russell, KS - Home, KS

DATE <u>10-23-13</u>	SEC. <u>11</u>	TWP. <u>5</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00am</u>	JOB FINISH <u>3:00am</u>
LEASE <u>Phannenstiel</u>		WELL #. <u>1</u>	LOCATION			COUNTY <u>Phillips</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (CIRCLE ONE)							

CONTRACTOR White Knight

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8" T.D. 3500

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 200psi MINIMUM 100psi

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS

DISPLACEMENT

OWNER

CEMENT AMOUNT ORDERED 255 sy 60/40 4% gel  
1/4" F10

EQUIPMENT

PUMP TRUCK CEMENTER Heath

# P1 HELPER Cody

BULK TRUCK DRIVER Ryan

# B3

BULK TRUCK DRIVER

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	@	
MILEAGE		
		TOTAL

REMARKS:

Plug RH = 305x

1st Plug @ 3414' = 505x

2nd Plug @ 1360 = 255x

3rd Plug @ 815 = 1005x

4th Plug @ 270' = 405x - come out and run wiper plug with 105x to top off

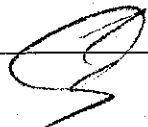
CHARGE TO: Castle

STREET

CITY STATE ZIP

Schippers Oil Field Services, L.L.C.,  
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 Robert Falkow

SIGNATURE 

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

@

@

TOTAL

PLUG & FLOAT EQUIPMENT

@

@

85% dry hole plug

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS



## DRILL STEM TEST REPORT

Prepared For: **Castle Resources, Inc.**

PO Box 87  
Schoenchen, KS 67667

ATTN: Jerry Green

### **Pfannenstiel #1**

### **11-5s-18w Phillips KS**

Start Date: 2013.10.22 @ 12:25:00

End Date: 2013.10.22 @ 18:32:15

Job Ticket #: 55007                      DST #: 1

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

Printed: 2013.10.25 @ 09:51:54

Castle Resources, Inc.

11-5s-18w Phillips KS

Pfannenstiel #1

DST # 1

LKC "A"

2013.10.22



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Castle Resources, Inc.  
PO Box 87  
Schoenchen, KS 67667  
ATTN: Jerry Green

**11-5s-18w Phillips KS**

**Pfannenstiel.#1**  
Job Ticket: 55007 DST#: 1  
Test Start: 2013.10.22 @ 12:25:00

**GENERAL INFORMATION:**

Formation: LKC "A"  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 14:34:45  
Time Test Ended: 18:32:15

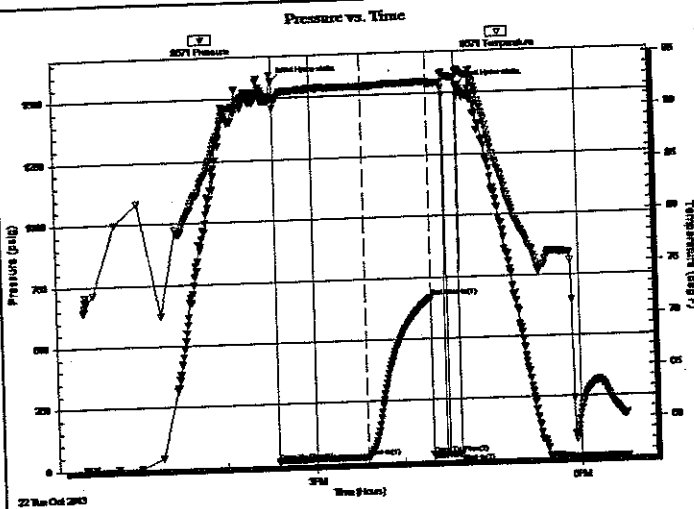
Test Type: Conventional Straddle (Initial)  
Tester: James Winder  
Unit No: 57

Interval: 3046.00 ft (KB) To 3104.00 ft (KB) (TVD)  
Total Depth: 3500.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1914.00 ft (KB)  
1909.00 ft (CF)  
KB to GR/CF: 5.00 ft

**Serial #: 8671** Inside  
Press@RunDepth: 23.08 psig @ 3047.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2013.10.22 End Date: 2013.10.22 Last Calib.: 2013.10.22  
Start Time: 12:25:05 End Time: 18:32:14 Time On Btm: 2013.10.22 @ 14:34:30  
Time Off Btm: 2013.10.22 @ 16:41:00

**TEST COMMENT:** 60 - IF: Blow built to 1", then slowly died back to 1/2" blow at close  
45 - IS: No blow back  
20 - FF: No blow, flushed tool at 10 min., surge then no blow  
Pulled tool



**PRESSURE SUMMARY**

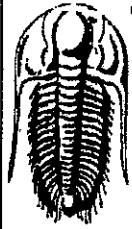
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1569.71	91.39	Initial Hydro-static
1	15.49	90.40	Open To Flow (1)
61	23.08	92.26	Shut-In(1)
106	667.97	92.52	End Shut-In(1)
106	25.36	92.22	Open To Flow (2)
125	28.07	92.82	Shut-In(2)
127	1533.34	93.65	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
25.00	Mud w/Oil spots 96% <sub>m</sub> , 3% <sub>o</sub> , 1% <sub>g</sub>	0.35

**Gas Rates**

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Castle Resources, Inc.  
PO Box 87  
Schoenchen, KS 67667  
ATTN: Jerry Green

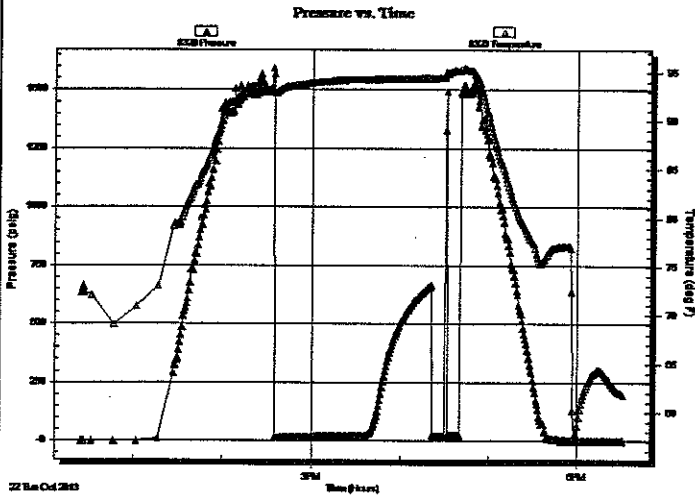
**11-5s-18w Phillips KS**  
**Pfannenstiel #1**  
Job Ticket: 55007      DST#: 1  
Test Start: 2013.10.22 @ 12:25:00

**GENERAL INFORMATION:**

Formation: **LKC "A"**  
Deviated: No      Whipstock: ft (KB)  
Time Tool Opened: 14:34:45  
Time Test Ended: 18:32:15  
Interval: **3046.00 ft (KB) To 3104.00 ft (KB) (TVD)**  
Total Depth: 3500.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Fair  
Test Type: Conventional Straddle (Initial)  
Tester: James Winder  
Unit No: 57  
Reference Elevations: 1914.00 ft (KB)  
1909.00 ft (CF)  
KB to GR/CF: 5.00 ft

**Serial #: 8320**      Outside  
Press@RunDepth: psig @ 3047.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.10.22      End Date: 2013.10.22      Last Calib.: 2013.10.22  
Start Time: 12:25:05      End Time: 18:32:14      Time On Btm:  
Time Off Btm:

**TEST COMMENT:** 60 - IF: Blow built to 1", then slowly died back to 1/2" blow at close  
45 - IS: No blow back  
20 - FF: No blow, flushed tool at 10 min., surge then no blow  
Pulled tool



**PRESSURE SUMMARY**

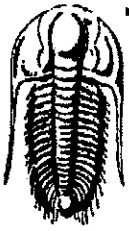
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

**Recovery**

Length (ft)	Description	Volume (bbl)
25.00	Mud w/Oil spots 96% m, 3% o, 1% g	0.35

**Gas Rates**

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Castle Resources, Inc.  
PO Box 87  
Schoenchen, KS 67667  
ATTN: Jerry Green

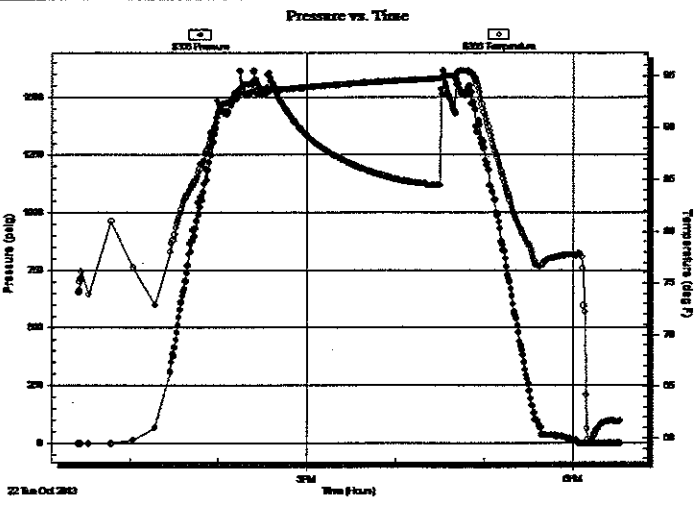
11-5s-18w Phillips KS  
**Pfannenstiel #1**  
Job Ticket: 55007 DST#: 1  
Test Start: 2013.10.22 @ 12:25:00

**GENERAL INFORMATION:**

Formation: **LKC "A"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 14:34:45  
Time Test Ended: 18:32:15  
Interval: **3046.00 ft (KB) To 3104.00 ft (KB) (TVD)**  
Total Depth: 3500.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Straddle (Initial)  
Tester: James Winder  
Unit No: 57  
Reference Elevations: 1914.00 ft (KB)  
1909.00 ft (CF)  
KB to GR/CF: 5.00 ft

**Serial #: 8366 Below (Straddle)**  
Press@RunDepth: psig @ 3105.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2013.10.22 End Date: 2013.10.22 Last Calib.: 2013.10.22  
Start Time: 12:25:05 End Time: 18:32:44 Time On Btm:  
Time Off Btm:

**TEST COMMENT:** 60 - IF: Blow built to 1", then slowly died back to 1/2" blow at close  
45 - IS: No blow back  
20 - FF: No blow, flushed tool at 10 min., surge then no blow  
Pulled tool

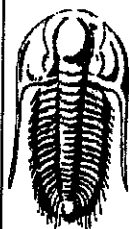


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
25.00	Mud w/Oil spots 96% <sub>m</sub> , 3% <sub>o</sub> , 1% <sub>g</sub>	0.35

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources, Inc.  
PO Box 87  
Schoenchen, KS 67667  
ATTN: Jerry Green

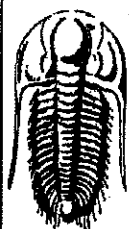
**11-5s-18w Phillips KS**  
**Pfannenstiel #1**  
Job Ticket: 55007      DST#: 1  
Test Start: 2013.10.22 @ 12:25:00

### Tool Information

Drill Pipe:	Length: 3043.00 ft	Diameter: 3.80 inches	Volume: 42.69 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 42.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3046.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	3104.00 ft			
Interval between Packers:	58.00 ft			
Tool Length:	474.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3031.00	
Hydraulic tool	5.00			3036.00	
Packer	5.00			3041.00	20.00      Bottom Of Top Packer
Packer	5.00			3046.00	
Packer - Shale	0.00			3046.00	
Stubb	1.00			3047.00	
Recorder	0.00	8671	Inside	3047.00	
Recorder	0.00	8320	Outside	3047.00	
Perforations	15.00			3062.00	
Blank Spacing	34.00			3096.00	
Perforations	3.00			3099.00	
Blank Off Sub	1.00			3100.00	
Blank Spacing	4.00			3104.00	58.00      Tool Interval
Packer	0.00			3104.00	
Stubb	1.00			3105.00	
Recorder	0.00	8366	Below	3105.00	
Perforations	15.00			3120.00	
Blank Spacing	377.00			3497.00	
Bullnose	3.00			3500.00	396.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>474.00</b>				



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources, Inc.

11-5s-18w Phillips KS

PO Box 87  
Schoenchen, KS 67667

Pfannenstiel #1

Job Ticket: 55007

DST#: 1

ATTN: Jerry Green

Test Start: 2013.10.22 @ 12:25:00

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	Mud w/Oil spots 96% <sub>m</sub> , 3% <sub>o</sub> , 1% <sub>g</sub>	0.351

Total Length: 25.00 ft      Total Volume: 0.351 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

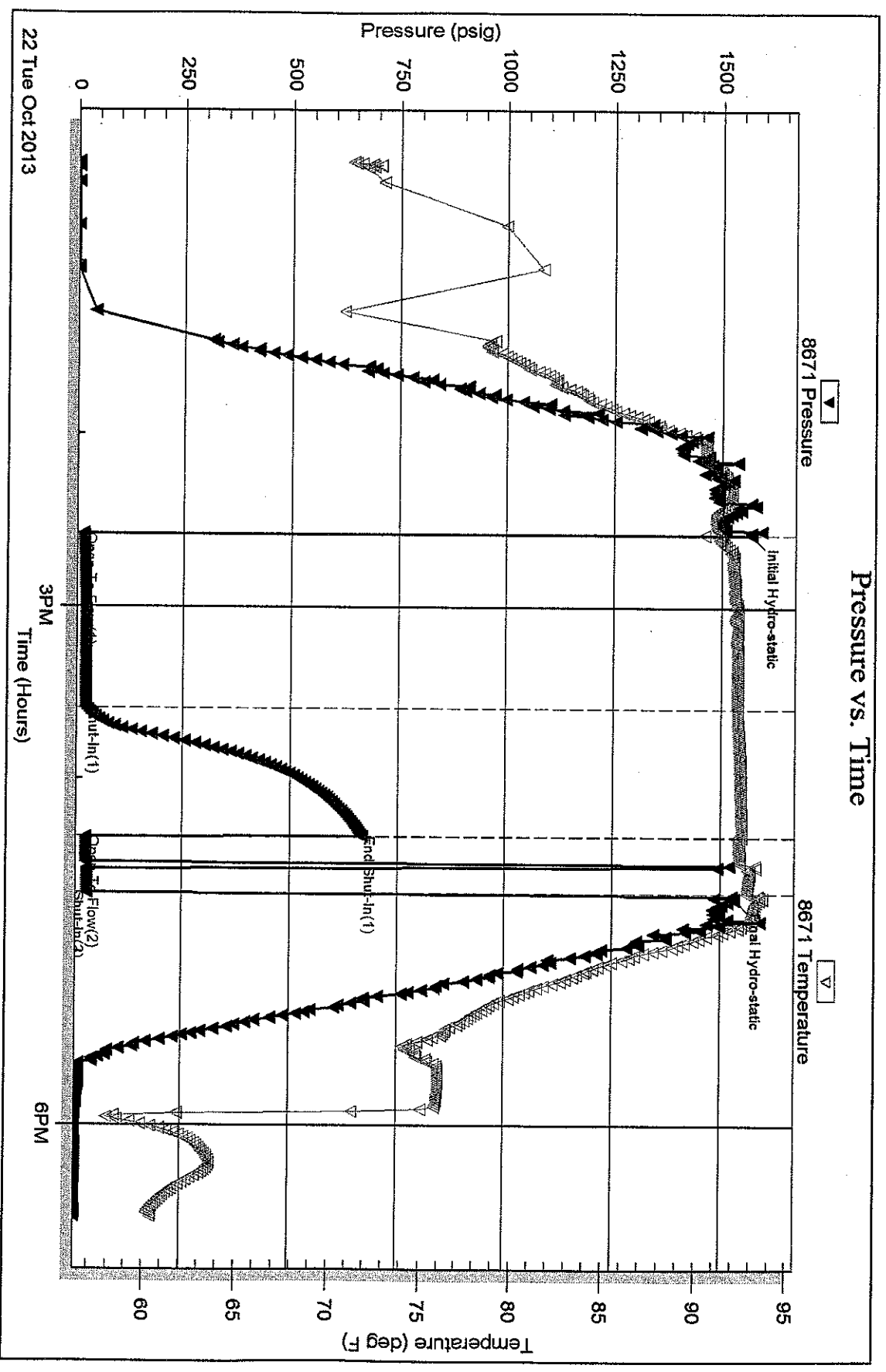
Serial #: 8671

Inside

Castle Resources, Inc.

Frannestiel #1

DST Test Number: 1



22 Tue Oct 2013

Triobite Testing, Inc

Ref. No: 55007

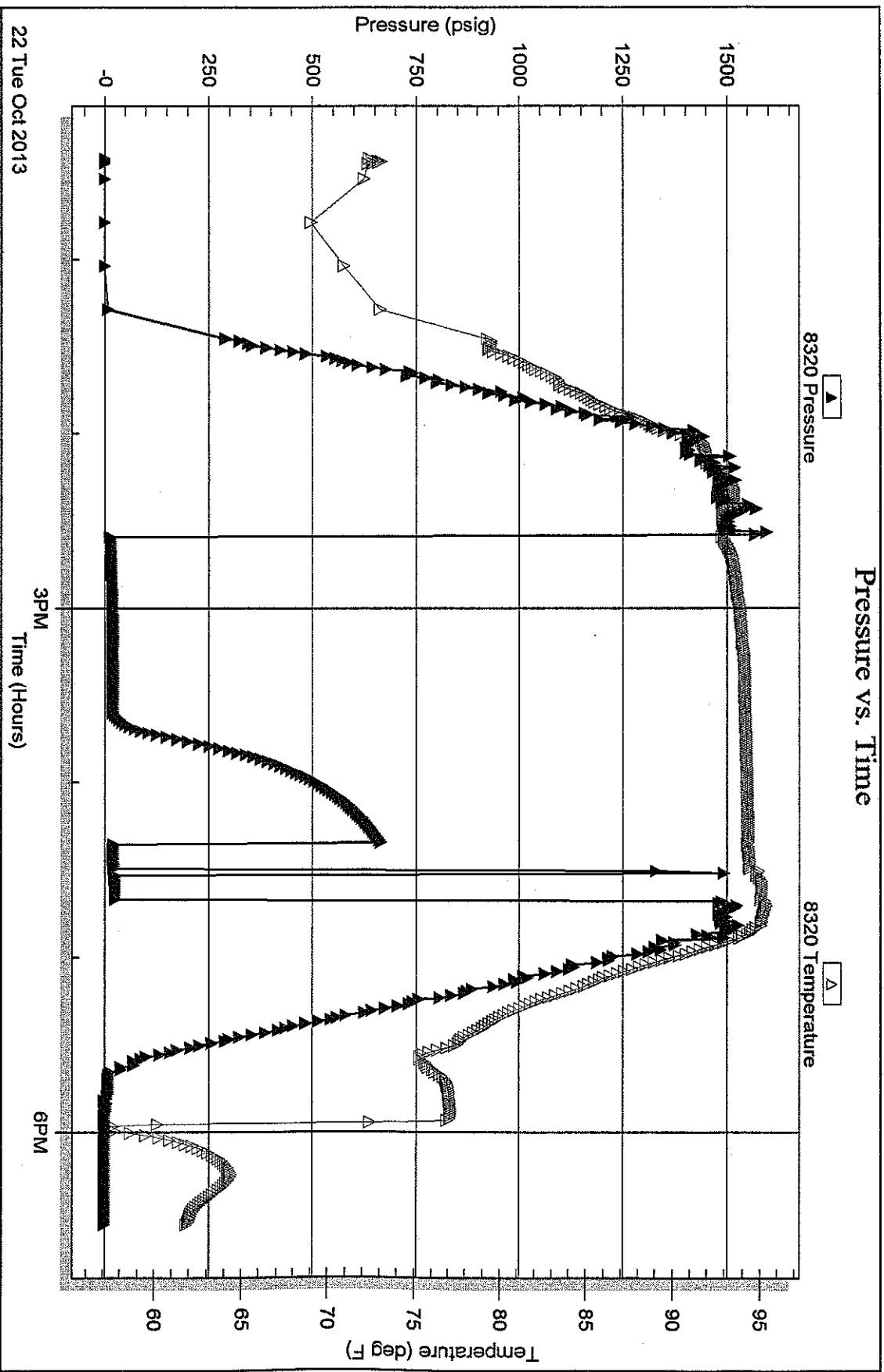
Printed: 2013.10.25 @ 09:51:56

Serial #: 8320

Outside Castle Resources, Inc.

Pfannenstiel #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 55007

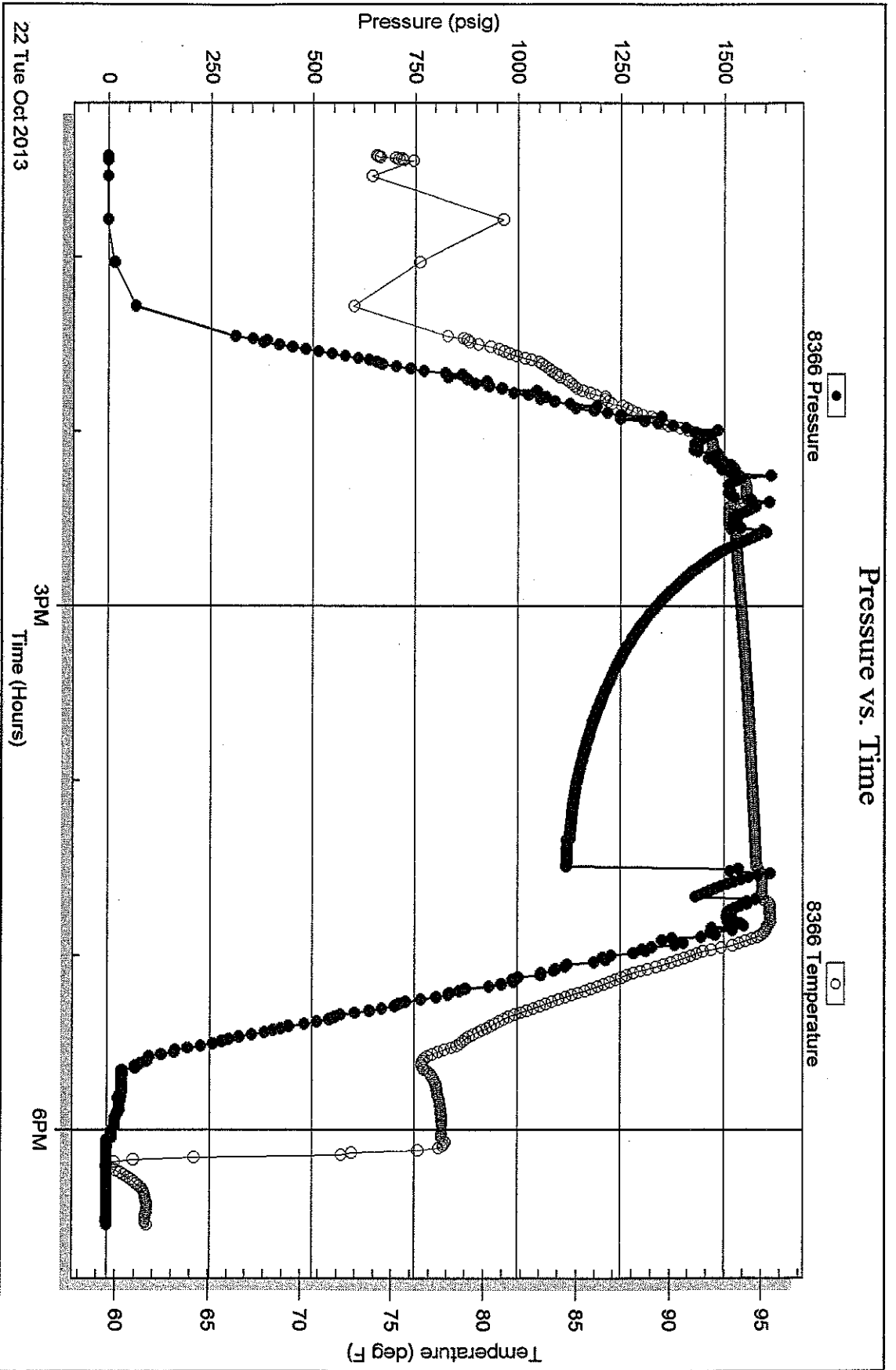
Printed: 2013.10.25 @ 09:51:56

Serial #: 8366

Below (Stratified) Resources, Inc.

Flammenstiel #1

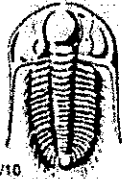
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 55007

Printed: 2013.10.25 @ 09:51:56



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 55007

Well Name & No. Pfannenstiel #1 Test No. 1 Date 10-22-13  
 Company Castle Resources Inc. Elevation 1914 KB 1909 GL  
 Address P.O. Box 87 Schoenchen, KS 67667  
 Co. Rep / Geo. Jerry Green Rig White Knight  
 Location: Sec. 11 Twp. 5s Rge. 18w Co. Phillips State KS

Interval Tested 3046 - 3104 Zone Tested LKC "A"  
 Anchor Length 58 Anchor 396 Tail Drill Pipe Run 3043 Mud Wt. 9.2  
 Top Packer Depth 3041 3046 (shale) Drill Collars Run - Vis 59  
 Bottom Packer Depth 3104 Wt. Pipe Run - WL 5.8  
 Total Depth 3500 Chlorides 900 ppm System LCM 1  
 Blow Description IF: Blow built to 1" then slowly died back to 1/2" at close  
IST: No blowback  
FF: No blow, Flushed tool at 10min., Surge then No blow  
Pulled tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>Mud w/oil spots</u>	<u>1</u>	<u>3</u>	<u>-</u>	<u>96</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 25 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1570  Test \* 1150 T-On Location 10:30  
 (B) First Initial Flow 15  Jars \_\_\_\_\_ T-Started 12:25  
 (C) First Final Flow 23  Safety Joint \_\_\_\_\_ T-Open 14:34  
 (D) Initial Shut-In 668  Circ Sub \*NA T-Pulled 16:39  
 (E) Second Initial Flow 25  Hourly Standby \_\_\_\_\_ T-Out 18:30  
 (F) Second Final Flow 28  Mileage 114 RT 176.70 Comments \_\_\_\_\_  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1533  Straddle \* 600  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \* 250  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 2176.70  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 2176.70

Approved By \_\_\_\_\_ Our Representative James Winder  
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