



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1111702  
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: \_\_\_\_\_



1111702

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
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<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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Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	Johnson B 1
Doc ID	1111702

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	218	Common	160	3% C.C., 2% gel
Production	7.875	5.50	14	3616	EA-2	145	
Port Collar	0	0	0	1704	QMDC	150	
Port Collar	0	0	0	1704	60/40 Pozmix	100	4% gel

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



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

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

Sam Brownback, Governor

February 01, 2013

Marge Schulte  
Farmer, John O., Inc.  
370 W WICHITA AVE  
PO BOX 352  
RUSSELL, KS 67665-2635

Re: ACO1  
API 15-147-20697-00-00  
Johnson B 1  
NE/4 Sec.27-01S-18W  
Phillips County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Marge Schulte

# ALLIED OIL & GAS SERVICES, LLC 056566

Federal Tax I.D.# 20-5975804

REMIT TO: P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Russell KS

DATE <u>10-29-12</u>	SEC. <u>27</u>	TWP. <u>1</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30 pm</u>	JOB FINISH <u>9:00 pm</u>
LEASE <u>Johnson</u>		WELL# <u>B1</u>		LOCATION <u>Phillipsburg KS 12.1 W.S. into</u>		COUNTY <u>Phillips</u>	STATE <u>KS</u>
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)							

CONTRACTOR WJ Drilling #8 OWNER \_\_\_\_\_

TYPE OF JOB <u>sur-face</u>	HOLE SIZE <u>17 1/4</u>	T.D. <u>218</u>
CASING SIZE <u>8 3/8</u>	<u>2.3"</u>	DEPTH <u>223</u>
TUBING SIZE	DEPTH	
DRILL PIPE	DEPTH	
TOOL	DEPTH	
PRES. MAX	MINIMUM	
MEAS. LINE	SHOE JOINT <u>15</u>	
CEMENT LEFT IN CSG. <u>15</u>	PERFS.	
DISPLACEMENT	<u>13 bbl</u>	

CEMENT AMOUNT ORDERED 160 can 3% cc 2.9 gcl

COMMON	<u>160</u>	@	<u>17.90</u>	<u>2864.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>6</u>	@	<u>64.00</u>	<u>384.00</u>
ASC		@		
HANDLING	<u>173.51</u>	@	<u>2.48</u>	<u>430.31</u>
MILEAGE	<u>593.25</u>	<u>4/m</u>	<u>2.60</u>	<u>1542.45</u>
<b>TOTAL</b>				<b><u>5290.96</u></b>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Robert V 2</u>
#	<u>417</u> HELPER <u>Wardy O 2</u>
BULK TRUCK	
#	<u>481</u> DRIVER <u>Walker K 3</u>
BULK TRUCK	
#	DRIVER

REMARKS:  
ran 5' of new 8 3/8 2.3" csg. @ Phillips  
circulation mix 160 can 3% cc 2.9 gcl  
displace 13 bbl of water shut in

cement did circulate to surface

Thank you!!

CHARGE TO: John O Farmer  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB	<u>218</u>
PUMP TRUCK CHARGE	<u>1512.25</u>
EXTRA FOOTAGE	@ _____
MILEAGE <u>75</u> HVMF	@ <u>7.70</u> <u>577.50</u>
MANIFOLD	@ _____
<u>75</u> LVMF	@ <u>4.40</u> <u>330.00</u>
<b>TOTAL</b> <u>2419.75</u>	

PLUG & FLOAT EQUIPMENT

_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
<b>TOTAL</b> _____	

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.

SALES TAX (If Any) 225.63  
TOTAL CHARGES 7710.71  
DISCOUNT 2058.76 IF PAID IN 30 DAYS  
Net 5651.95 BS 10-31

PRINTED NAME \_\_\_\_\_  
SIGNATURE

**JOB LOG**

**SWIFT Services, Inc.**

DATE 11-3-12 PAGE NO. 1

CUSTOMER John O. Farmer WELL NO. B #1 LEASE Johnson JOB TYPE Longstring TICKET NO. 21958

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0550							on loc w/ FE.
								RTD 3620'
								5 1/2" x 14" x 3619' x 25'
								Cent. 1, 3, 5, 7, 9, Mid 46
								Bask. 10, 46
								PC, 46 @ 1704'
	0700							start FE
	0830							Break Circ.
	0855	2.5	7					Plug RH w/ 30 sks EA-2
	0900	5	0			200		Start 500gal Mud Flush
		5	12/0			200		Start 20 bbl KCL Flush
		5	20/0			200		Start 145 sks EA-2
	0913		36					End Cement
								Wash P+L
								Drop L.D. Plug
	0920	6	0			200		Start Displacement
	0931	5	58			250		Catch Cement
	0938		87.7			750 1500		Land Plug
								Release Pressure
								Float Held

Thank you

Nick, David E. & Russ

# 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. 6098

Date	11.16.12	Sec.	17	Twp.	1	Range	18	County	Phillips	State	KS	On Location	8.40 AM	Finish	11.30 AM
Lease	JOHNSON B		Well No.	#1		Owner	12N								
Contractor	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	port collar											Charge To JO Farmer Inc			
Hole Size	5 1/2											T.D.			
Csg.	5 1/2											Depth 1704			
Tbg. Size												Street			
Tool												City			
Cement Left in Csg.												State			
Meas Line	Displace 13 BBL											The above was done to satisfaction and supervision of owner agent or contractor.			
EQUIPMENT												Cement Amount Ordered 275 @ m/c 4 flu			
Pumptrk	S		No.	Cementer		Helper		matt		Common		Used <del>135</del> 150 Q mbe 1/4 flow			
Bulktrk	12		No.	Driver		Drett		7 on side		Poz. Mix					
Bulktrk	04		No.	Driver		heath		Calcium		Hulls					
JOB SERVICES & REMARKS												Salt			
Remarks:	JOHNSON B-1											Flowseal 37#			
Rat Hole												Kol-Seal			
Mouse Hole												Mud CLR 48			
Centralizers												CFL-117 or CD110 CAF 38			
Baskets												Sand			
D/V or Port Collar												Handling <del>135</del> 157			
Mit 7 gel 112.5 cement Displaced wash check checked tool raised down												Mileage			
Cement did not Cir,												FLOAT EQUIPMENT			
Bond log show @ Top of cement @ 600' Ran 1" + Cir to surface @ 100 SLC 60/40 4% gel												Guide Shoe			
												Centralizer			
												Baskets			
												AFU Inserts			
												Float Shoe			
												Latch Down			
												Pumptrk Charge port Collar			
												Mileage 72			
X Signature <i>Duan Edman</i>												Tax			
												Discount			
												Total Charge			

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

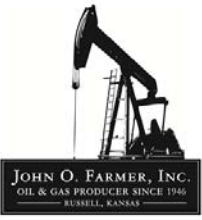
Home Office P.O. Box 32 Russell, KS 67665

No. 6254

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-20-12	27	18	18	PHILLIPS	KANSAS		11:00 AM
Lease Johnson P				Well No. # 1		Owner J.O. FARBER	
Contractor BRIDGEMENT TO SURFACE				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 STEWART #2				Charge To J.O. FARBER			
Hole Size 7 7/8"		T.D. 36022		Street			
Csg. 5 1/2"		Depth 3616		City RUSSELL State KS, 67665			
Tbg. Size 2 7/8"		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Tool Port COLLAR		Depth 1704		Cement Amount Ordered 225 (6% 40 pooz 4% GEL)			
Cement Left in Csg.		Shoe Joint		USED 100 SKS			
Meas Line		Displace		Common			
<b>EQUIPMENT</b>							
Pumptrk #15	No.	Cementer		Poz. Mix			
		Helper NICK		Gel.			
Bulktrk #13	No.	Driver		Calcium			
		Driver		Hulls			
Bulktrk #11	No.	Driver		Salt			
		Driver		Flowseal			
<b>JOB SERVICES &amp; REMARKS</b>							
Remarks:				Kol-Seal			
Rat Hole				Mud CLR 48			
Mouse Hole				CFL-117 or CD110 CAF 38			
Centralizers				Sand			
Baskets				Handling			
D/V or Port Collar				Mileage			
RAW LOAD OF 1" TUBING				<b>FLOAT EQUIPMENT</b>			
TAGGED CEMENT - MADE CONNO-				Guide Shoe			
ECTOR MIXER AND JUMPED				Centralizer			
100 SKS CEMENT - CEMENT				Baskets			
DID CALCULATE!				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge			
				Mileage			
				Tax			
				Discount			
				Total Charge			
THANK YOU!							
Signature							

RECEIVED NOV 27 2012





# AUSTIN B. KLAUS



Cell 785.650.3629  
Work 785.483.3145  
Ext 225

PO BOX 352  
Russell, KS 67665  
austin.klaus@johnofarmer.com

Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: Johnson B #1  
Location: Phillips County  
License Number: API # 15-147-20697-00-00  
Spud Date: 10/26/2012  
Surface Coordinates: 2,060' FNL & 1,790' FEL  
Bottom Hole Coordinates: Vertical well with minimal deviation, same as above  
Ground Elevation (ft): 2,135' K.B. Elevation (ft): 2,140'  
Logged Interval (ft): 3,050' To: 3,622' Total Depth (ft): 3,620'  
Formation: Topeka-LKC  
Type of Drilling Fluid: Chemical (Mud Co.)

Region: Kansas  
Drilling Completed: 11/2/2012

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

## OPERATOR

Company: John O. Farmer, Inc.  
Address: P.O. Box 352  
Russell, KS 67665-0352

## COMMENTS

The Johnson B #1 well was drilled by WW Drilling Rig #8 (Tool Pusher: Sid Deutscher).

The location for the Johnson B #1 well was found via 3-D seismic survey. Based on the results of the drill stem tests that were conducted and the samples and wireline logs that were evaluated, the decision was made to run 5 1/2" production casing on 11/3/12 to further evaluate the Johnson B #1 well.

OTHER SYMBOLS

- POROSITY**  
 [E] Earthy  
 [B] Fenest  
 [F] Fracture  
 [X] Inter  
 [Z] Moldic  
 [O] Organic  
 [P] Pinpoint

[V] Vuggy

- SORTING**  
 [W] Well  
 [M] Moderate  
 [P] Poor

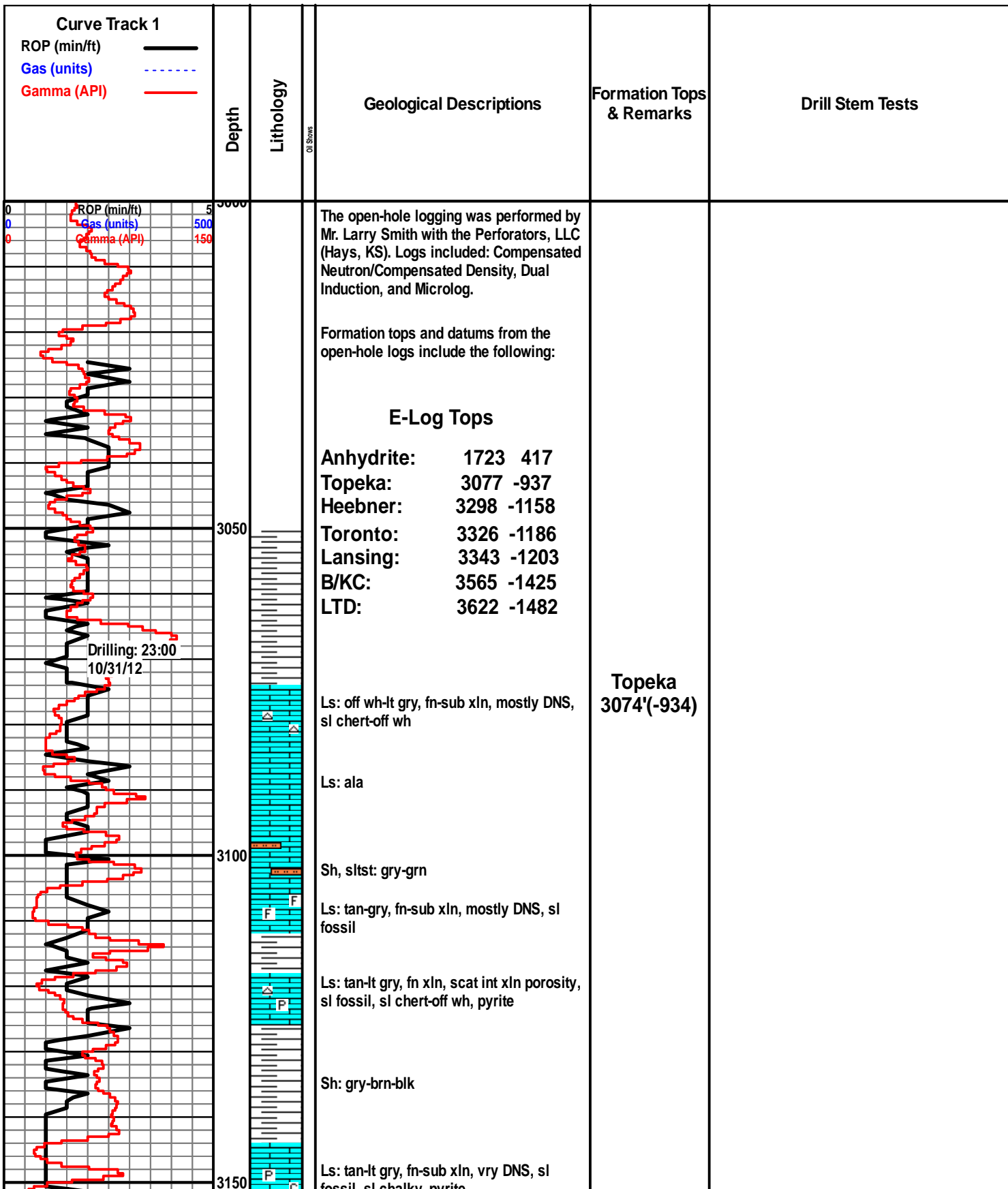
- ROUNDING**  
 [R] Rounded  
 [r] Subrnd  
 [a] Subang  
 [A] Angular

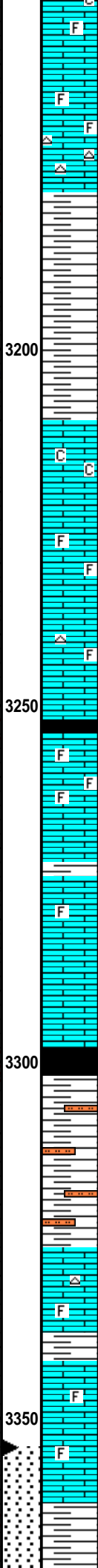
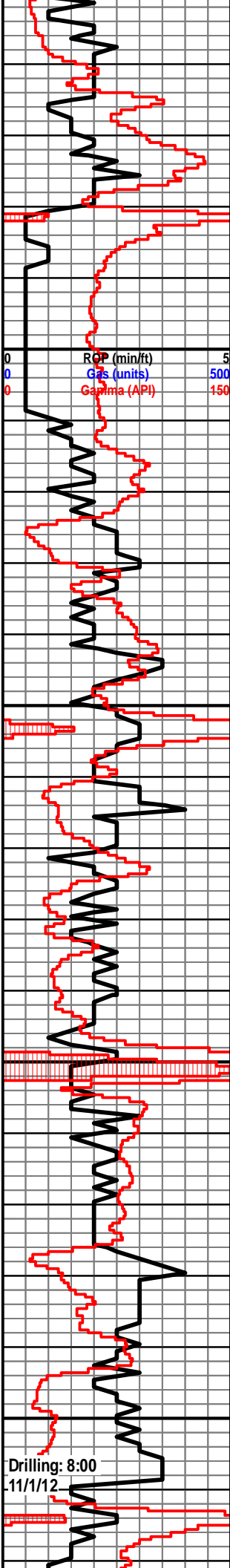
**OIL SHOW**  
 [●] Even

- [●] Spotted  
 [○] Ques  
 [D] Dead

- INTERVAL**  
 [■] Core  
 [□] Dst

- EVENT**  
 [▽] Rft  
 [▲] Sidewall





fossil, sl chalky, pyrite

Ls: off wh-lt gry, fn xln, fw pcs w/ scat int xln porosity, NSFO, No odor

Ls: ala, hvy chert-off wh, fossil

Sh: drk gry-brn-grn

Sh: gry-brn-blk

Ls: tan-brn, fn-sub xln, mostly DNS, sl chalky

Ls: ala, fossil

Ls: off wh-lt gry, fn xln, sl chert-off wh, sl fossil

Sh: drk gry-blk

Ls: off wh-lt gry, fn-sub xln, mostly DNS, Hvy fossil

Ls: ala

Ls: off-lt gry, fn-sub xln, mostly DNS, sl fossil

Ls: ala

Sh: blk, carb, fissile

Sh, sltst: drk gry-brn

Ls: off wh-lt gry, fn xln, scat int xln porosity, NSFO, no odor, sl fossil, sl chert-off wh

Ls: off wh-lt gry, fn xln, mostly DNS, sl fossil, sl chalky

Ls: ala

Sh, sltst: gry-brn-grn

**Heebner  
3295'(-1155)**

**Toronto  
3326'(-1186)**

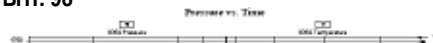
**Lansing  
3341'(-1201)**

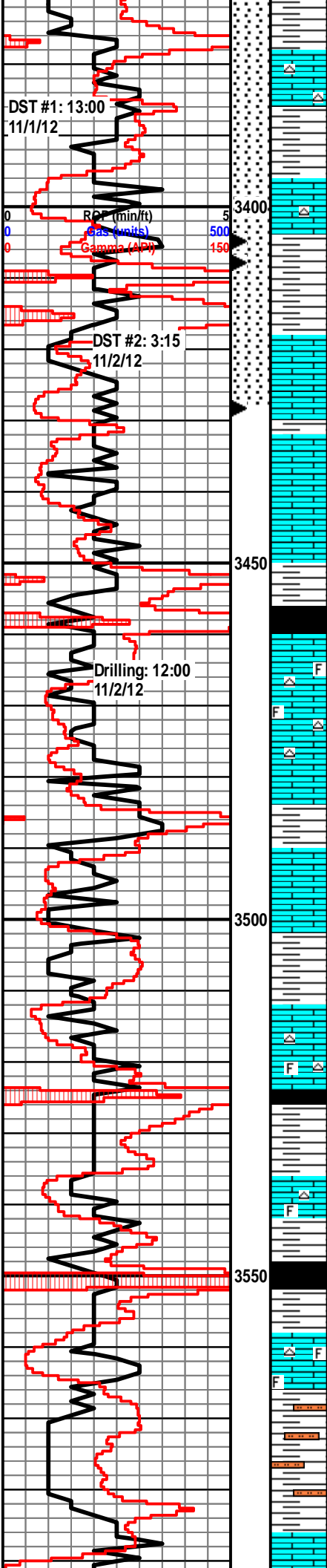
**A**  
**B**

DST #1 3,354'-3,408' LKC C&D  
30"-30"-60"-60"

IF: built to 6", no blow back on shut in  
FF: BOB in 42 minutes, weak surface blow back @ 13 minutes on shut in  
Rec: 215' MCO (55% O, 45% M) 62' GIP  
FP: 24-66, 77-102#  
SIP: 837-836#  
HP: 1,628-1,609#  
BHT: 98

Drilling: 8:00  
11/1/12





Ls: off wh-tan, fn xln, poor int xln & pp vuggy porosity, lt oil stn in porosity, SSFO, fair odor, hvy chert-off wh

Sh, sltst: gry-brn-blk

Ls: off wh-lt gry, fn xln, poor int xln & fossil porosity, vry lt oil st in porosity, VSSFO, sl odor, sl chert-off wh

Sh, sltst: gry-brn-grn

Ls: off wh-tan, fn xln, fair int xln & scat pp vuggy porosity, lt-fair oil stn in porosity, SSFO, sl-fair odor

Sh: gry-brn-grn

Ls: off wh-lt gry, fn-sub xln, mostly DNS, NSFO, no odor, fossil

Ls: ala

Sh: gry-brn-grn

Sh: drk gry-blk, carb

Ls: off wh-tan, fn-sub xln, poor int xln porosity, vry lt oil st in porosity, NSFO, no odor, hvy chert-off wh, fossil, chalky

Sh: drk gry-brn

Ls: off wh, fn xln, poor int xln & pp vuggy porosity, fair oil st in porosity, VSSFO, sl odor

Sh: gry-brn-grn

Ls: tan-lt gry, fn-sub xln, mostly DNS, NSFO, no odor, sl fossil, sl chert-off wh, chalky

Sh: drk gry-blk, carb

Sh: gry-brn-grn, soft

Ls: off wh-lt gry, fn xln, poor-fair int xln porosity, lt oil st in porosity, VSSFO, sl odor, sl chert-off wh, sl fossil

Sh: drk gry-blk

Sh: multi-colored

Ls: off wh, fn xln, poor int xln porosity, vry lt oil st in porosity, VSSFO, sl odor, sl fossil, sl chert-off wh, sl chalky

Sh, sltst: gry-brn-grn

Sh, sltst: gry-brn-grn, vry soft

Ls: off wh, fn-sub xln, mostly DNS

C

D

E

F

G

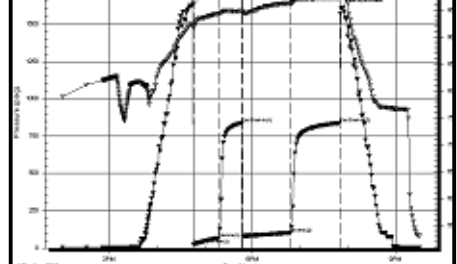
H

I

J

K

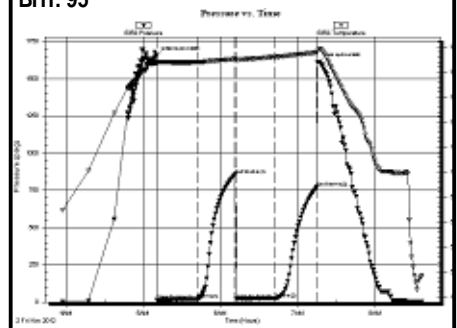
L



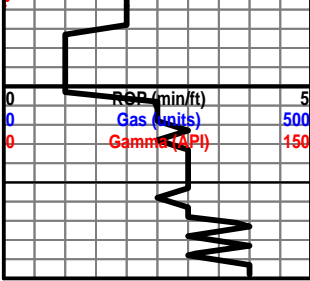
DST #2 3,405'-3,428' LKC E&F  
30"-30"-30"-30"

IF: weak surface blow, no blow back on shut in  
FF: weak surface blow, no blow back on shut in

Rec: 10' M w/ oil spots  
FP: 17-20, 21-24#  
SIP: 857-770#  
HP: 1,654-1,612#  
BHT: 95



B/KC  
3566'(-1426)



3600



Sh: sltst: gry-brn-blk, soft

Sh: ala

RTD  
3620'(-1480)



## DRILL STEM TEST REPORT

Prepared For: **John O. Farmer, Inc.**

PO Box 352  
Russell, KS 67665

ATTN: Austin Klaus

### **Johnson B #1**

### **27-1s-18w Phillips,KS**

Start Date: 2012.11.01 @ 13:51:30

End Date: 2012.11.01 @ 21:30:00

Job Ticket #: 48607                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.06 @ 14:25:08



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

John O. Farmer, Inc.

**27-1s-18w Phillips,KS**

PO Box 352  
Russell, KS 67665

**Johnson B #1**

Job Ticket: 48607

**DST#: 1**

ATTN: Austin Klaus

Test Start: 2012.11.01 @ 13:51:30

## GENERAL INFORMATION:

Formation: **LKC "C-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:46:00

Time Test Ended: 21:30:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

**Interval: 3354.00 ft (KB) To 3408.00 ft (KB) (TVD)**

Reference Elevations: 2138.00 ft (KB)

Total Depth: 3408.00 ft (KB) (TVD)

2133.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8354**

**Inside**

Press @ Run Depth: 101.67 psig @ 3393.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.01

End Date:

2012.11.01

Last Calib.: 2012.11.01

Start Time: 14:01:30

End Time:

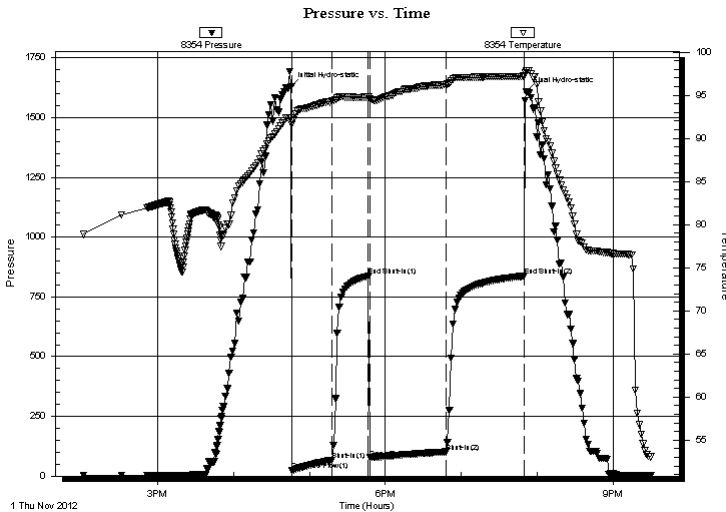
21:30:00

Time On Btm: 2012.11.01 @ 16:45:30

Time Off Btm: 2012.11.01 @ 19:51:30

**TEST COMMENT:** IF-Weak building blow . Built to 6 inches.  
ISI-No Return.  
FF-Weak building blow . Built to BOB in 42 minutes.  
FSI-Return @ 13 minutes. Died @ 21 minutes 30 seconds.

## PRESSURE SUMMARY



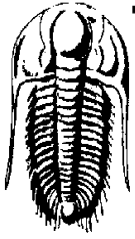
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1628.45	92.43	Initial Hydro-static
1	24.18	91.61	Open To Flow (1)
32	65.61	94.34	Shut-In(1)
61	837.20	94.77	End Shut-In(1)
62	76.89	94.59	Open To Flow (2)
123	101.67	96.24	Shut-In(2)
184	836.40	97.20	End Shut-In(2)
186	1608.82	97.85	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
215.00	55%Oil/45%Mud	1.89
0.00	62' G.I.P.	0.00

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

John O. Farmer, Inc.

**27-1s-18w Phillips,KS**

PO Box 352  
Russell, KS 67665

**Johnson B #1**

Job Ticket: 48607

**DST#: 1**

ATTN: Austin Klaus

Test Start: 2012.11.01 @ 13:51:30

## GENERAL INFORMATION:

Formation: **LKC "C-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:46:00

Time Test Ended: 21:30:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

**Interval: 3354.00 ft (KB) To 3408.00 ft (KB) (TVD)**

Reference Elevations: 2138.00 ft (KB)

Total Depth: 3408.00 ft (KB) (TVD)

2133.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8520 Outside**

Press @RunDepth: psig @ 3393.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.01

End Date: 2012.11.01

Last Calib.: 2012.11.01

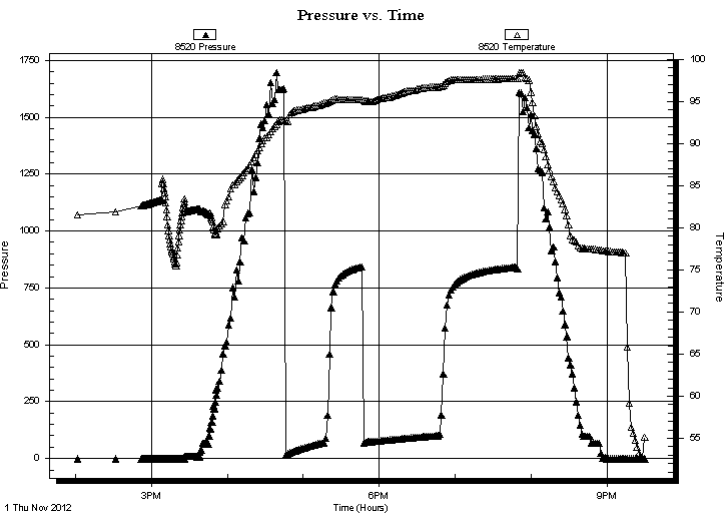
Start Time: 14:01:45

End Time: 21:29:45

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-Weak building blow . Built to 6 inches.  
 IS-No Return.  
 FF-Weak building blow . Built to BOB in 42 minutes.  
 FS-Return @ 13 minutes. Died @ 21 minutes 30 seconds.



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
215.00	55%Oil/45%Mud	1.89
0.00	62' G.I.P.	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

John O. Farmer, Inc.

**27-1s-18w Phillips,KS**

PO Box 352  
Russell, KS 67665

**Johnson B #1**

Job Ticket: 48607

**DST#: 1**

ATTN: Austin Klaus

Test Start: 2012.11.01 @ 13:51:30

## Tool Information

Drill Pipe:	Length: 3233.00 ft	Diameter: 3.80 inches	Volume: 45.35 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	5000.00 lb
			<u>Total Volume: 45.96 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	47000.00 lb
Depth to Top Packer:	3354.00 ft			Final	47000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	54.00 ft				
Tool Length:	74.00 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			3335.00	
Shut In Tool	5.00			3340.00	
Hydraulic tool	5.00			3345.00	
Packer	5.00			3350.00	20.00 Bottom Of Top Packer
Packer	4.00			3354.00	
Stubb	1.00			3355.00	
Perforations	5.00			3360.00	
Change Over Sub	1.00			3361.00	
Drill Pipe	31.00			3392.00	
Change Over Sub	1.00			3393.00	
Recorder	0.00	8354	Inside	3393.00	
Recorder	0.00	8520	Outside	3393.00	
Perforations	12.00			3405.00	
Bullnose	3.00			3408.00	54.00 Bottom Packers & Anchor

**Total Tool Length: 74.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

John O. Farmer, Inc.

**27-1s-18w Phillips,KS**

PO Box 352  
Russell, KS 67665

**Johnson B #1**

Job Ticket: 48607

**DST#: 1**

ATTN: Austin Klaus

Test Start: 2012.11.01 @ 13:51:30

## 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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
215.00	55%Oil/45%Mud	1.886
0.00	62' G.I.P.	0.000

Total Length: 215.00 ft      Total Volume: 1.886 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

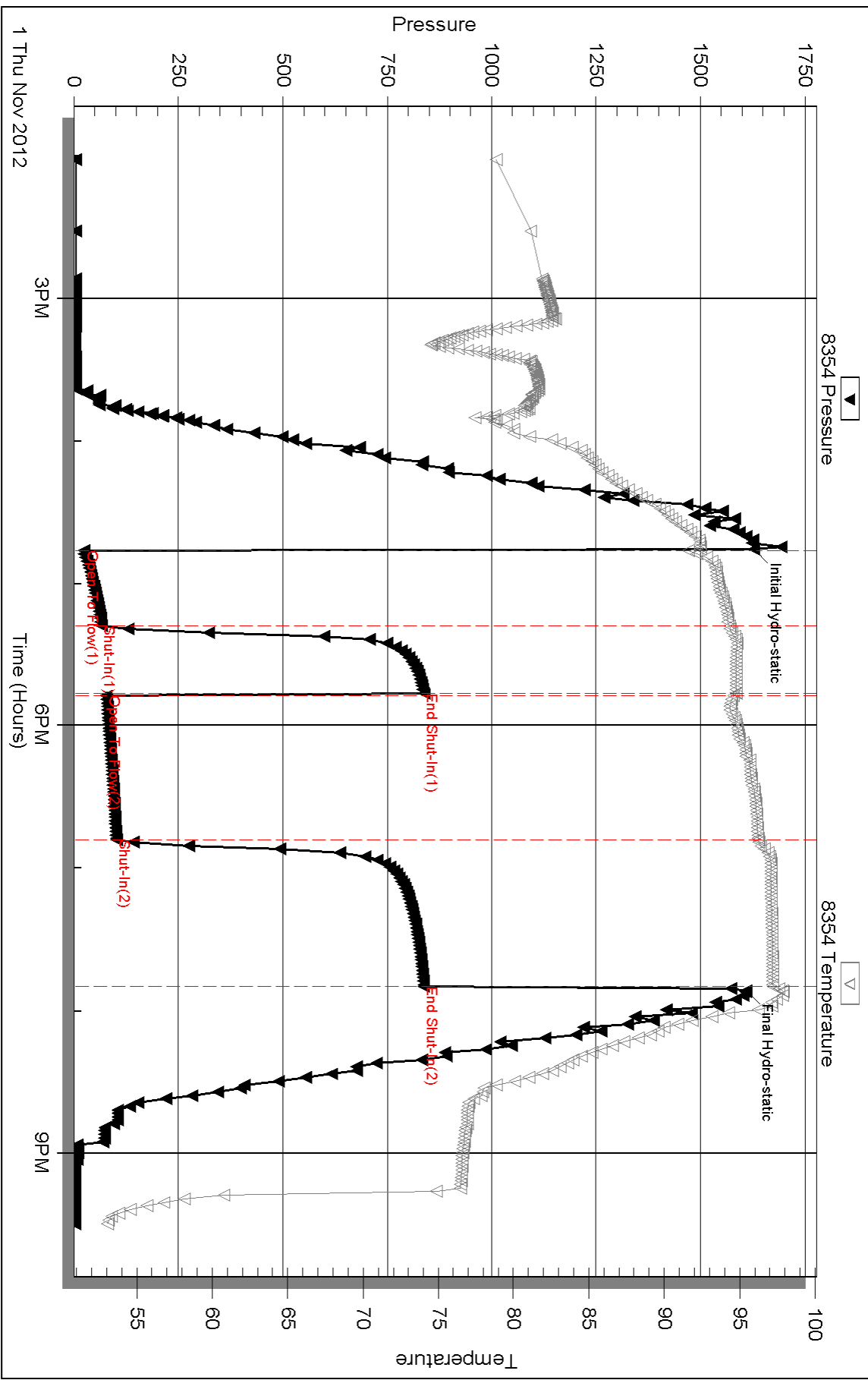
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

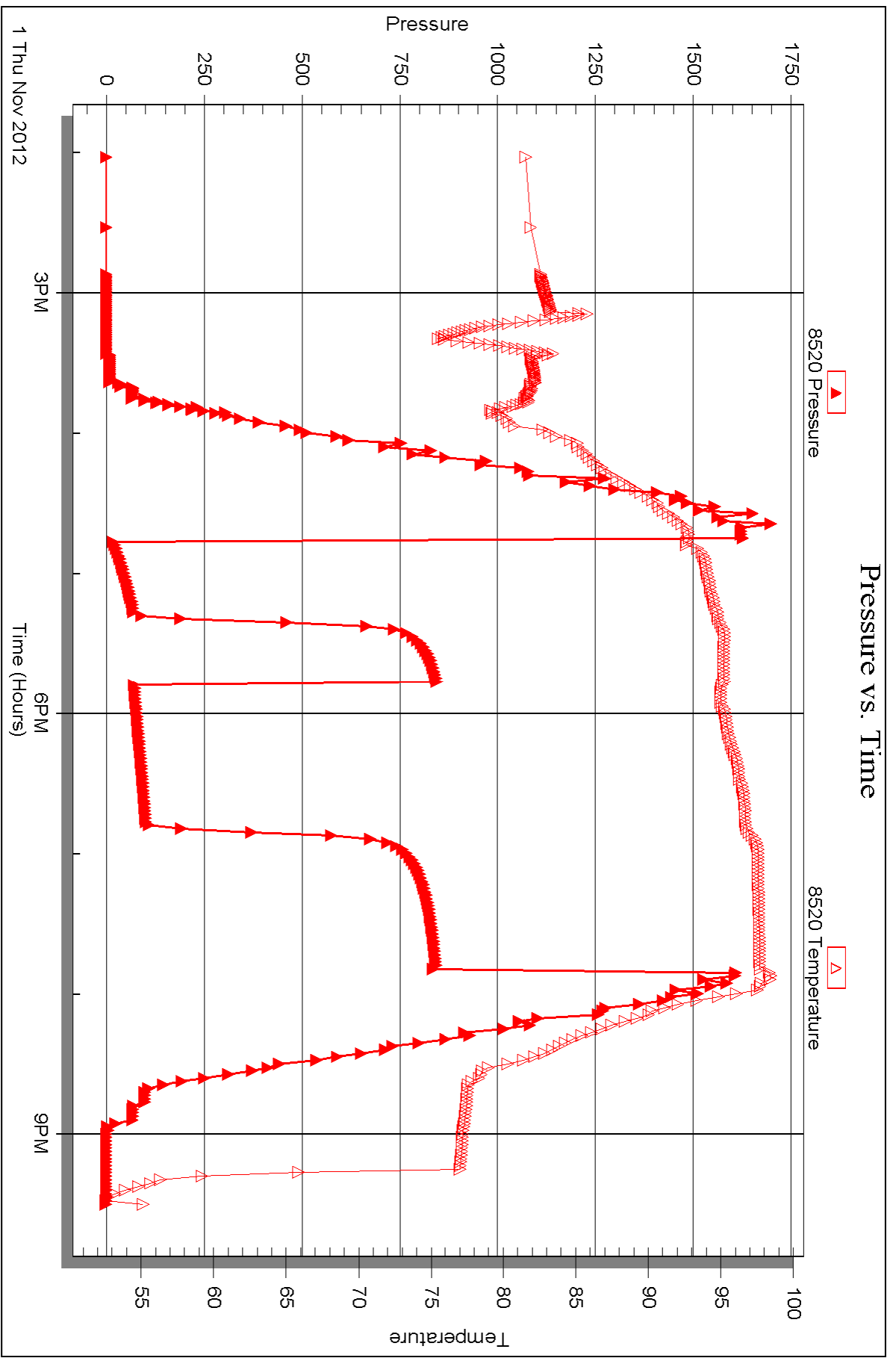


Serial #: 8520

Outside John O. Farmer, Inc.

Johnson B #1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **John O. Farmer, Inc.**

PO Box 352  
Russell, KS 67665

ATTN: Austin Klaus

### **Johnson B #1**

### **27-1s-18w Phillips,KS**

Start Date: 2012.11.02 @ 03:47:30

End Date: 2012.11.02 @ 08:36:30

Job Ticket #: 48608                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.06 @ 14:24:23



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

John O. Farmer, Inc.  
 PO Box 352  
 Russell, KS 67665  
 ATTN: Austin Klaus

**27-1s-18w Phillips,KS**

**Johnson B #1**

Job Ticket: 48608

**DST#: 2**

Test Start: 2012.11.02 @ 03:47:30

## GENERAL INFORMATION:

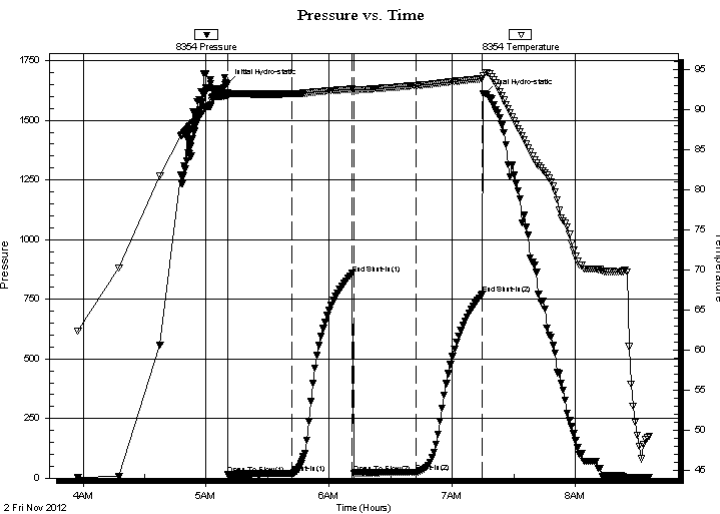
Formation: **LKC "E-F"**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 05:10:40  
 Tester: Dustin Rash  
 Time Test Ended: 08:36:30  
 Unit No: 38  
 Interval: **3405.00 ft (KB) To 3428.00 ft (KB) (TVD)**  
 Reference Elevations: 2138.00 ft (KB)  
 Total Depth: 3428.00 ft (KB) (TVD)  
 2133.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Fair  
 KB to GR/CF: 5.00 ft

## Serial #: 8354

Inside

Press @ Run Depth: 24.19 psig @ 3408.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.11.02 End Date: 2012.11.02 Last Calib.: 2012.11.02  
 Start Time: 03:57:30 End Time: 08:36:30 Time On Btm: 2012.11.02 @ 05:10:30  
 Time Off Btm: 2012.11.02 @ 07:16:00

TEST COMMENT: IF-Weak surface blow throughout.  
 IS-No Return.  
 FF-Weak surface blow . Surging surface blow @ 9 minutes 30 seconds.  
 FS-No Return.



## PRESSURE SUMMARY

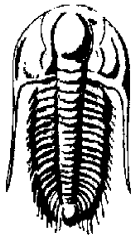
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1653.55	92.19	Initial Hydro-static
1	16.63	91.68	Open To Flow (1)
31	19.78	92.04	Shut-In(1)
61	857.20	92.63	End Shut-In(1)
62	21.21	92.51	Open To Flow (2)
92	24.19	93.06	Shut-In(2)
124	770.39	93.92	End Shut-In(2)
126	1611.67	94.70	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	1%Oil/99%Mud	0.05

## Gas Rates

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



# TRILLOBITE TESTING, INC.

## DRILL STEM TEST REPORT

John O. Farmer, Inc.  
 PO Box 352  
 Russell, KS 67665  
 ATTN: Austin Klaus

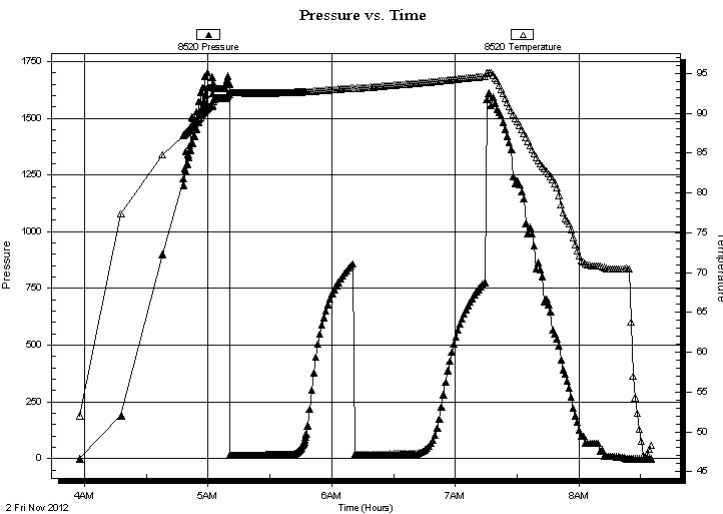
**27-1s-18w Phillips, KS**  
**Johnson B #1**  
 Job Ticket: 48608      **DST#: 2**  
 Test Start: 2012.11.02 @ 03:47:30

### GENERAL INFORMATION:

Formation: **LKC "E-F"**  
 Deviated: No Whipstock: ft (KB)      Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 05:10:40      Tester: Dustin Rash  
 Time Test Ended: 08:36:30      Unit No: 38  
**Interval: 3405.00 ft (KB) To 3428.00 ft (KB) (TVD)**      Reference Elevations: 2138.00 ft (KB)  
 Total Depth: 3428.00 ft (KB) (TVD)      2133.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair      KB to GR/CF: 5.00 ft

**Serial #: 8520      Outside**  
 Press @ RunDepth:      psig @      3408.00 ft (KB)      Capacity:      8000.00 psig  
 Start Date:      2012.11.02      End Date:      2012.11.02      Last Calib.:      2012.11.02  
 Start Time:      03:57:45      End Time:      08:35:45      Time On Btm:  
    Time Off Btm:

**TEST COMMENT:** IF-Weak surface blow throughout.  
 IS-No Return.  
 FF-Weak surface blow . Surging surface blow @ 9 minutes 30 seconds.  
 FS-No Return.



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
10.00	1%Oil/99%Mud	0.05

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

John O. Farmer, Inc.

**27-1s-18w Phillips,KS**

PO Box 352  
Russell, KS 67665

**Johnson B #1**

Job Ticket: 48608

**DST#: 2**

ATTN: Austin Klaus

Test Start: 2012.11.02 @ 03:47:30

## Tool Information

Drill Pipe:	Length: 3266.00 ft	Diameter: 3.80 inches	Volume: 45.81 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	5000.00 lb
			<u>Total Volume: 46.42 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	47000.00 lb
Depth to Top Packer:	3405.00 ft			Final	47000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	23.00 ft				
Tool Length:	43.00 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			3386.00	
Shut In Tool	5.00			3391.00	
Hydraulic tool	5.00			3396.00	
Packer	5.00			3401.00	20.00 Bottom Of Top Packer
Packer	4.00			3405.00	
Stubb	1.00			3406.00	
Perforations	2.00			3408.00	
Recorder	0.00	8354	Inside	3408.00	
Recorder	0.00	8520	Outside	3408.00	
Perforations	17.00			3425.00	
Bullnose	3.00			3428.00	23.00 Bottom Packers & Anchor

**Total Tool Length: 43.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

John O. Farmer, Inc.

**27-1s-18w Phillips,KS**

PO Box 352  
Russell, KS 67665

**Johnson B #1**

Job Ticket: 48608

**DST#: 2**

ATTN: Austin Klaus

Test Start: 2012.11.02 @ 03:47:30

## 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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	1%Oil/99%Mud	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

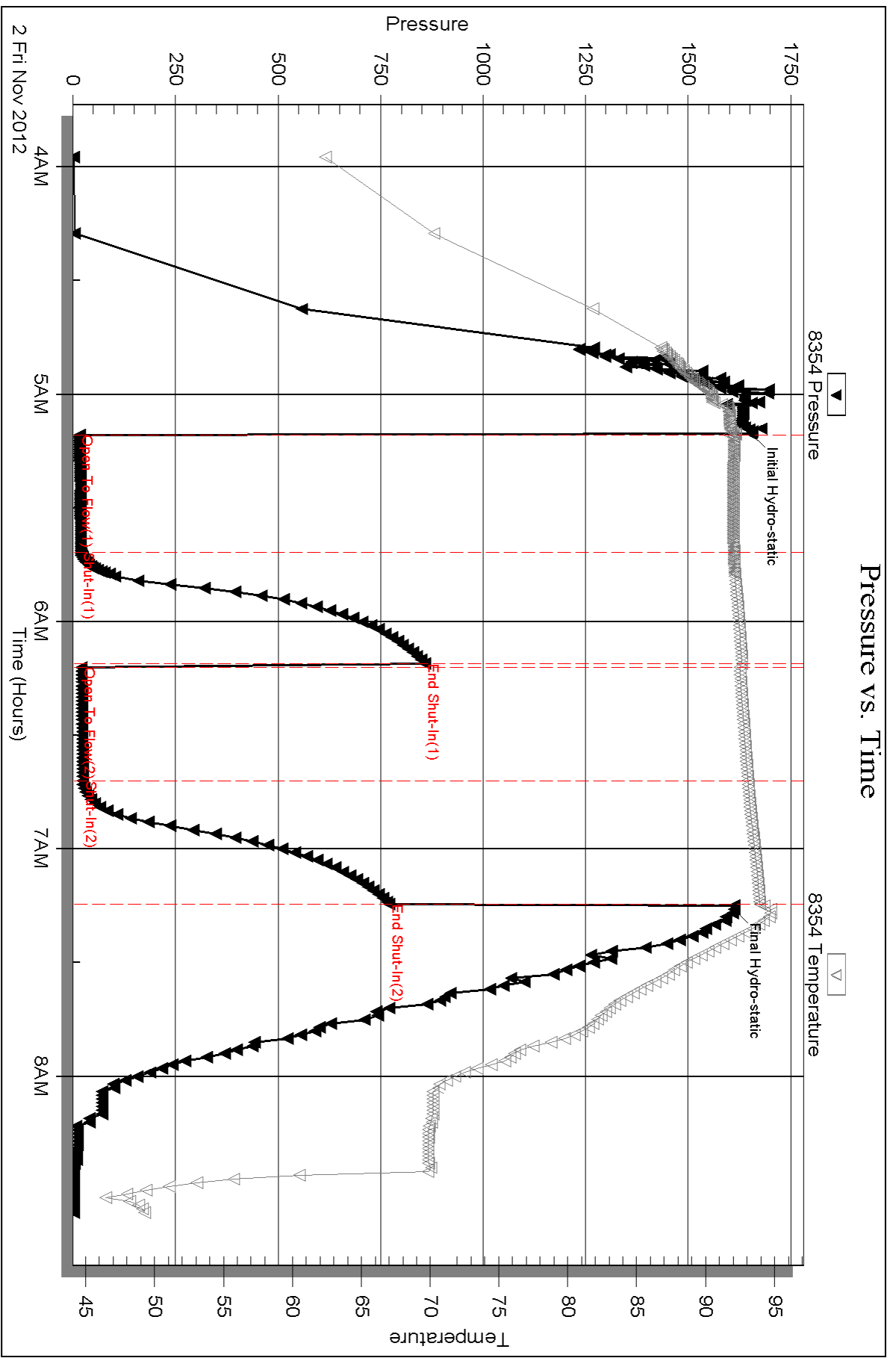
Serial #: 8354

Inside

John O. Farmer, Inc.

Johnson B #1

DST Test Number: 2

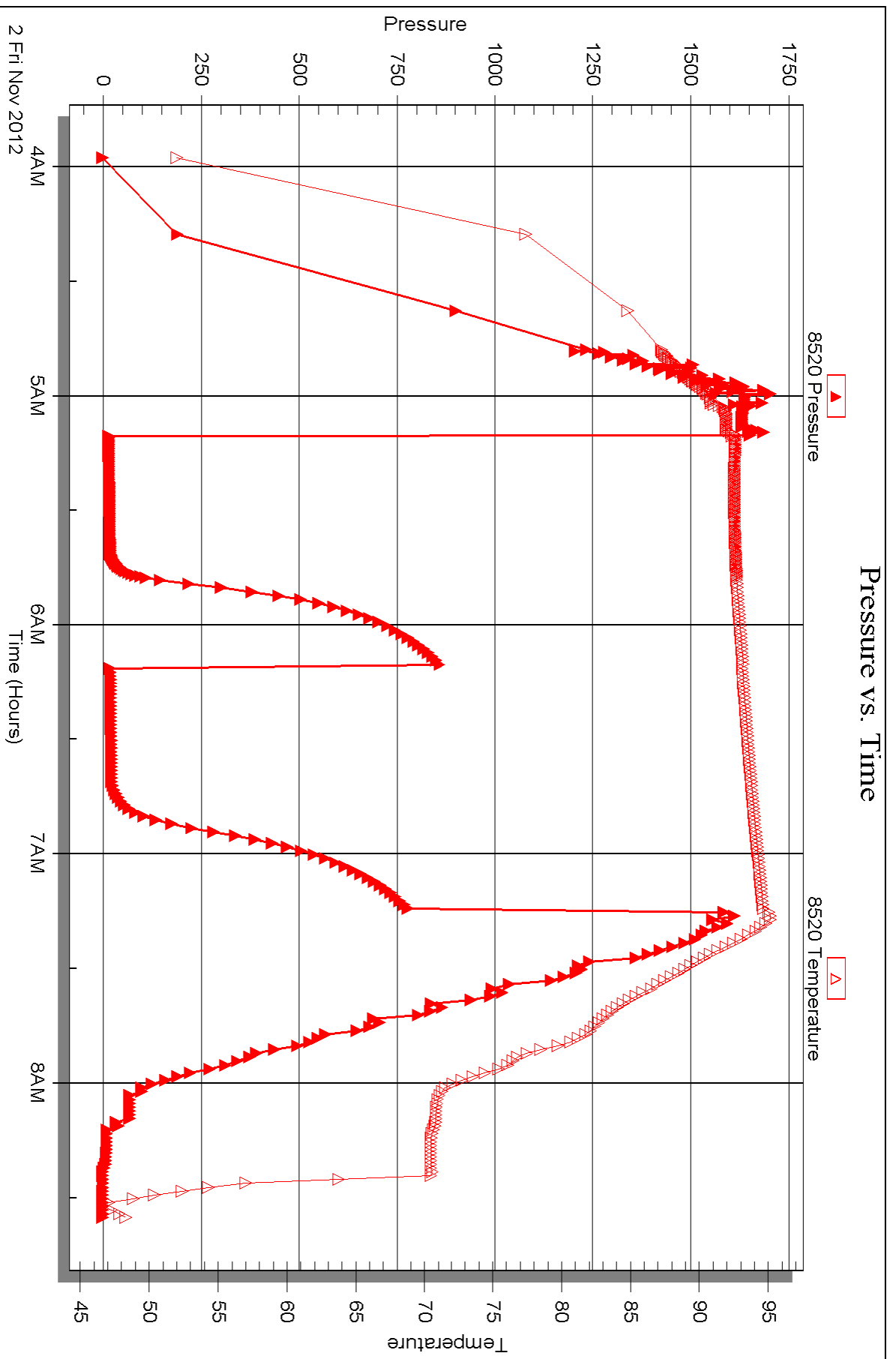


Serial #: 8520

Outside John O. Farmer, Inc.

Johnson B #1

DST Test Number: 2





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 48607

Well Name & No. Johnson B#1 Test No. 1 Date 11-1-12  
 Company John O. Farnel, Inc. Elevation 2138 KB 2138 GL  
 Address P.O. Box 352 Russell, KS 67665  
 Co. Rep / Geo. Austin Klaus Rig WW #8  
 Location: Sec. 27 Twp. 1S Rge. 18W Co. Phillips State KS

Interval Tested 3354-3408 Zone Tested LKC "C-D"  
 Anchor Length 54' Drill Pipe Run 3233 Mud Wt. 9.0  
 Top Packer Depth 3349 Drill Collars Run 123,89 Vis 48  
 Bottom Packer Depth 3354 Wt. Pipe Run 0 WL 6.8  
 Total Depth 3408 Chlorides 500 ppm System LCM 2#

Blow Description IF - Weak building blow. Built to 6 inches.  
ISI - No Return.

FF - Weak building blow. Built to BOB in 42 minutes.

FBI - Return @ 13 minutes. Dred @ 21 minutes 30 seconds.

Rec	Feet of	%gas	%oil	%water	%mud
<u>215</u>	<u>MCO</u>	<u>55</u>		<u>45</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 <u>62' G.F.P.</u>	%gas	%oil	%water	%mud

Rec Total 215 BHT 98 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1628  Test 1150 T-On Location 1300  
 (B) First Initial Flow 24  Jars \_\_\_\_\_ T-Started 1500  
 (C) First Final Flow 66  Safety Joint \_\_\_\_\_ T-Open 1646  
 (D) Initial Shut-In 837  Circ Sub \_\_\_\_\_ T-Pulled 1950  
 (E) Second Initial Flow 77  Hourly Standby \_\_\_\_\_ T-Out 2130  
 (F) Second Final Flow 102  Mileage 80X2 248 Comments BHT-1351  
 (G) Final Shut-In 836  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1609  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1398  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 60  
 Final Shut-In 60  
 Sub Total 1398

Approved By \_\_\_\_\_ Our Representative D. Lash

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.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 48608

Well Name & No. Johnson B #1 Test No. 2 Date 11-2-12  
 Company John O. Farmer, Inc. Elevation 2138 KB 2133 GL  
 Address P.O. Box 352 Russell, KS 67665  
 Co. Rep / Geo. Austin Klaus Rig WW #8  
 Location: Sec. 27 Twp. 15 Rge. 18W Co. Phillips State KS

Interval Tested 3405 - 3428 Zone Tested LKC "E-F"  
 Anchor Length 23' Drill Pipe Run 3366 Mud Wt. 9.0  
 Top Packer Depth 3400 Drill Collars Run 123.89 Vis 48  
 Bottom Packer Depth 3405 Wt. Pipe Run 0 WL 6.8  
 Total Depth 3428 Chlorides 500 ppm System LCM 2#

Blow Description TF-Weak surface blow throughout.  
ISI - No Return.  
FF-Weak surface blow. Surging surface blow @ 9 minutes 30 seconds  
FST - No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud w/ oil spots</u>		<u>1</u>		<u>99</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 10 BHT 95 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1654  Test 1150 T-On Location 0315  
 (B) First Initial Flow 17  Jars \_\_\_\_\_ T-Started 0345  
 (C) First Final Flow 20  Safety Joint \_\_\_\_\_ T-Open 0510  
 (D) Initial Shut-In 857  Circ Sub \_\_\_\_\_ T-Pulled 0715  
 (E) Second Initial Flow 21  Hourly Standby \_\_\_\_\_ T-Out 0830  
 (F) Second Final Flow 24  Mileage 80X2 248 Comments BATT-0347  
 (G) Final Shut-In 770  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1612  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 30  Day Standby \_\_\_\_\_ Total 1398  
 Final Flow 30  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 30 Sub Total 1398

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.