

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

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

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) (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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# 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. 1061

Date	10-11-18	Sec.	7	Twp.	13	Range	16	County	Ellis	State	KS	On Location		Finish	9:45 AM
Location: Victoria 4N 1/4E N11T0															

Lease	P+H Legeleiter	Well No.	1	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Southwind				
Type Job	Surface				
Hole Size	12 1/4	T.D.	1175	Charge To	CG Oil
Csg.	8 5/8	Depth	1174	Street	
Tbg. Size		Depth		City	State
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	

Cement Left in Csg.	22'	Shoe Joint	22'	Cement Amount Ordered	425 <sup>60</sup> 140 4/11/22 2/1/652
Meas Line		Displace	73 1/4 IBC		

EQUIPMENT			Common
Pumptrk	17	No. Cementer Helper	255
Bulktrk		No. Driver Driver	Poz. Mix 170
Bulktrk	21	No. Driver Driver	Gel. 9
			Calcium 18

JOB SERVICES & REMARKS		Hulls
Remarks:		Salt
Rat Hole		Flowseal
Mouse Hole		Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
8 5/8 on bottom Est Circulation.		Handling 452
Mix 425 SK & Displace.		Mileage
Cement Circulated!		FLOAT EQUIPMENT 8 5/8
		Stride Shoe Rubber Plug
		Centralizer Baffle Plate
		Baskets
		AFU Inserts
		Float Shoe
		Latch Down
		Pumptrk Charge Low Surface
		Mileage 15

X Signature	[Signature]	Tax
		Discount
		Total Charge

Thanks



# GLOBAL OIL FIELD SERVICES, LLC

0013285

REMIT TO 24 S. Lincoln  
Russell, KS 67665

SERVICE POINT: Russell KS

DATE <u>11-16-196</u>	SEC <u>7</u>	TWP. <u>13S</u>	RANGE <u>16W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>5:00 PM</u>
LEASE <u>A # Legella</u>	WELL # <u>1</u>	LOCATION <u>4 N. of Victoria 1/2 East</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE)		<u>North End</u>					

CONTRACTOR <u>Southwind Drilling Right 1</u>	OWNER <u>CG Oil INC</u>
TYPE OF JOB <u>Rotary Plug</u>	CEMENT
HOLE SIZE <u>5 7/8</u>	AMOUNT ORDERED <u>2355x 60/40 Poz</u>
CASING SIZE	<u>4% Gel 4" Flow Seal</u>
TUBING SIZE	
DRILL PIPE	
TOOL	
PRES. MAX	
MEAS. LINE	
CEMENT LEFT IN CSG.	
PERFS	
DISPLACEMENT	

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>Cody</u>
# <u>409</u>	HELPER <u>Bruce</u>
BULK TRUCK	
# <u>379</u>	DRIVER <u>Tony</u>
BULK TRUCK	
#	DRIVER

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

REMARKS:

1228' 50SX

630' 40SX

515' 50SX

40' 10SX wider Plug

Plus 30SX Mouse 15SX

SERVICE	
DEPTH OF JOB	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
MANIFOLD	@
	@
	@

CHARGE TO: CG Oil INC

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL \_\_\_\_\_

Global Oil Field 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.

PLUG & FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
TOTAL	

PRINTED NAME Wesley Puff

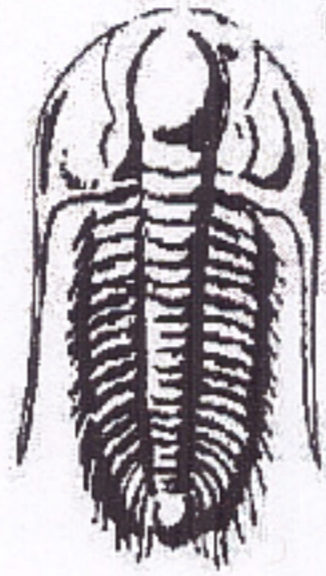
SIGNATURE Wesley Puff

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **C G Oil, Inc.**

PO Box 207  
Victoria, KS 67671

ATTN: Roger Fisher

**P&H Legleiter #1**

**7-13S-16W Ellis,KS**

Start Date: 2018.11.14 @ 18:27:56

End Date: 2018.11.15 @ 04:40:56

Job Ticket #: 65001                      DST #: 1

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

Printed: 2018.11.16 @ 11:13:43

C G Oil, Inc. 7-13S-16W Ellis,KS P&H Legleiter #1 DST # 1 LKC "D - E" 2018.11.14





**TRILOBITE**  
TESTING, INC.

## DRILL STEM TEST REPORT

C G Oil, Inc.  
PO Box 207  
Victoria, KS 67671  
ATTN: Roger Fisher

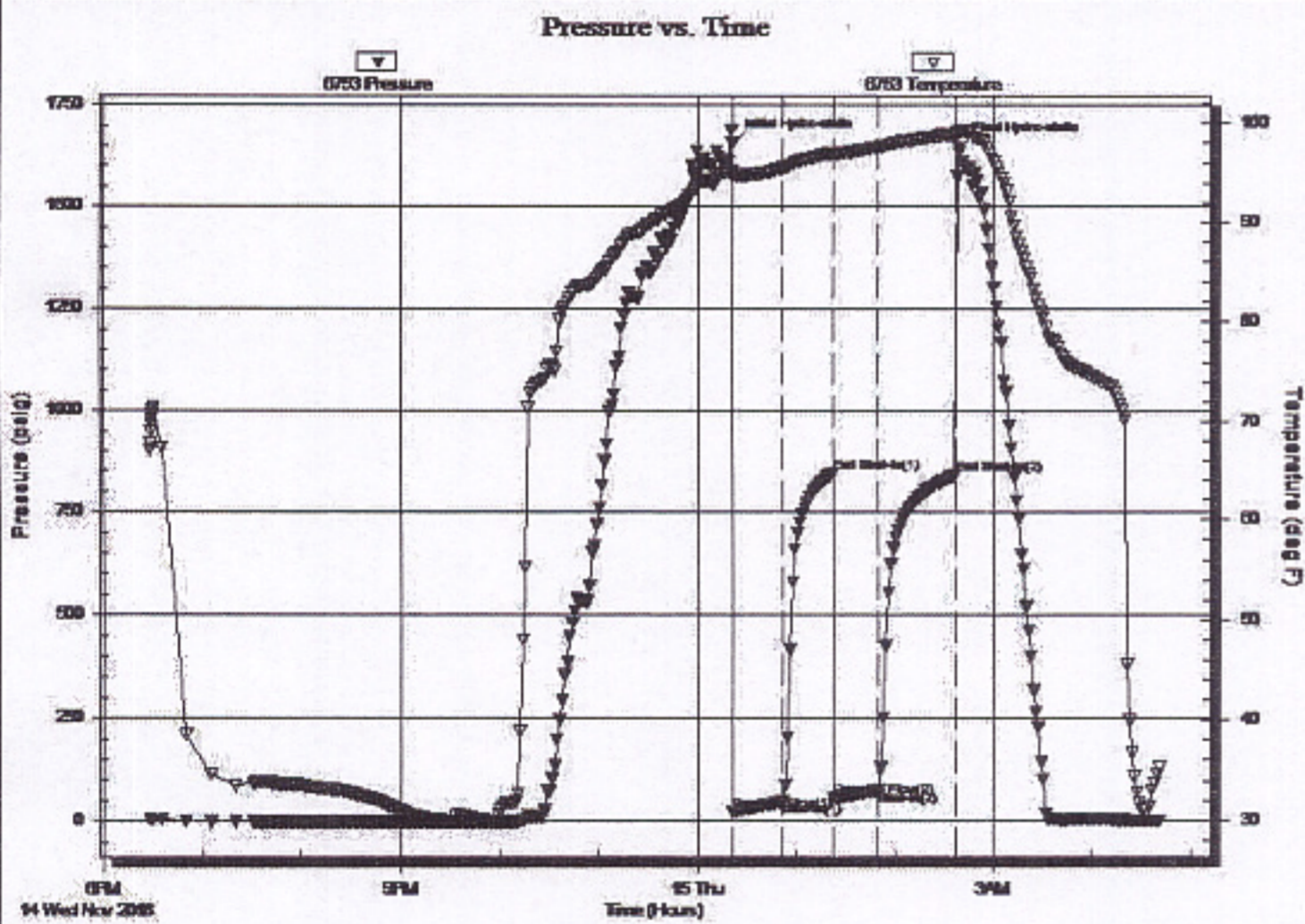
**7-13S-16W Ellis, KS**  
**P&H Legleiter #1**  
Job Ticket: 65001      **DST#: 1**  
Test Start: 2018.11.14 @ 18:27:56

### GENERAL INFORMATION:

Formation: **LKC "D - E"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 00:20:56  
Time Test Ended: 04:40:56  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Brannan Lonsdale  
Unit No: 73  
Interval: **3318.00 ft (KB) To 3358.00 ft (KB) (TVD)**  
Reference Elevations: 2018.00 ft (KB)  
Total Depth: 3358.00 ft (KB) (TVD)      2008.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair      KB to GR/CF: 10.00 ft

**Serial #: 6753      Inside**  
Press@RunDepth: 75.43 psig @ 3319.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2018.11.14      End Date: 2018.11.15      Last Calib.: 2018.11.15  
Start Time: 18:28:01      End Time: 04:40:56      Time On Btm: 2018.11.15 @ 00:20:26  
Time Off Btm: 2018.11.15 @ 02:38:56

TEST COMMENT: 30- IF- Slowly built to 10"  
30- IS- Weak surface blow died 6 mins  
30- FF- Slowly built to 5 1/2"  
45- FS- No blow



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1656.19	95.10	Initial Hydro-static
1	20.28	94.57	Open To Flow (1)
31	47.75	95.46	Shut-In(1)
62	848.93	97.01	End Shut-In(1)
63	56.58	96.83	Open To Flow (2)
90	75.43	97.56	Shut-In(2)
137	842.56	98.87	End Shut-In(2)
139	1646.60	99.17	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
110.00	WM, 40%W 60%M	1.56
10.00	CO	0.14

### Gas Rates

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









**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

CG Oil, Inc.  
PO Box 207  
Victoria, KS 67671  
ATTN: Roger Fisher

**7-13S-16W Ellis, KS**  
**P&H Legleiter #1**  
Job Ticket: 65001      **DST#: 1**  
Test Start: 2018.11.14 @ 18:27:56

**Tool Information**

Drill Pipe:	Length: 3329.00 ft	Diameter: 3.82 inches	Volume: 47.19 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - 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: 32000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 28000.00 lb
Depth to Top Packer:	3318.00 ft			Final 29000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	60.00 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			3299.00	
Shut In Tool	5.00			3304.00	
Hydraulic tool	5.00			3309.00	
Packer	5.00			3314.00	20.00      Bottom Of Top Packer
Packer	4.00			3318.00	
Stubb	1.00			3319.00	
Recorder	0.00	6753	Inside	3319.00	
Recorder	0.00	6771	Outside	3319.00	
Perforations	3.00			3322.00	
Change Over Sub	1.00			3323.00	
Drill Pipe	31.00			3354.00	
Change Over Sub	1.00			3355.00	
Bullnose	3.00			3358.00	40.00      Bottom Packers & Anchor

**Total Tool Length: 60.00**





**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

CG Oil, Inc.  
PO Box 207  
Victoria, KS 67671  
  
ATTN: Roger Fisher

**7-13S-16W Ellis,KS**  
  
**P&H Legleiter #1**  
Job Ticket: 65001      **DST#: 1**  
  
Test Start: 2018.11.14 @ 18:27:56

**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: 83000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.18 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4800.00 ppm		
Filter Cake: inches		

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
110.00	WM, 40%W 60%M	1.559
10.00	CO	0.142

Total Length: 120.00 ft      Total Volume: 1.701 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: RW: .13@44deg



Serial #: 6753

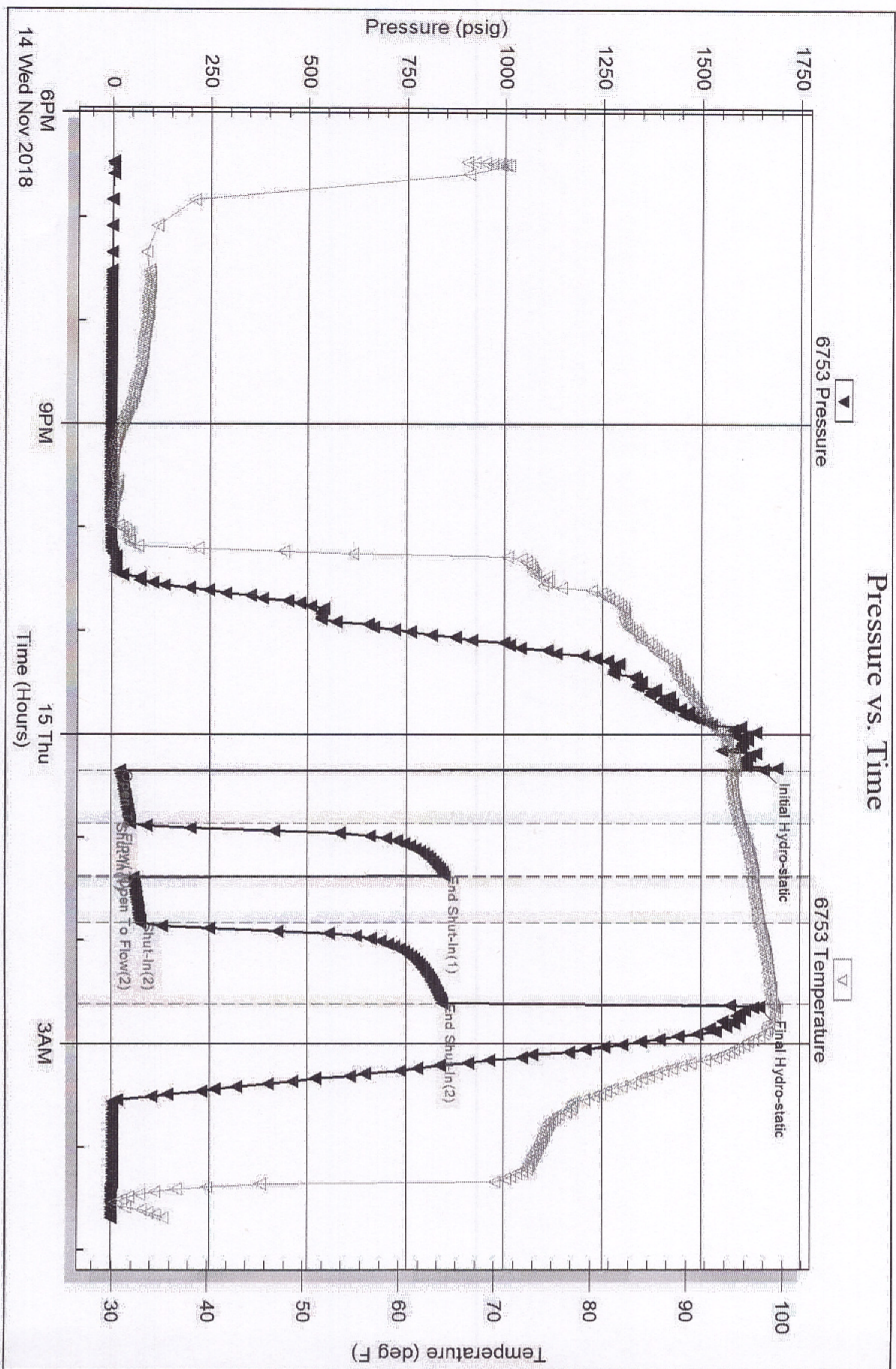
Inside

C G Oil, Inc.

P&H Legleiter #1

DST Test Number: 1

### Pressure vs. Time



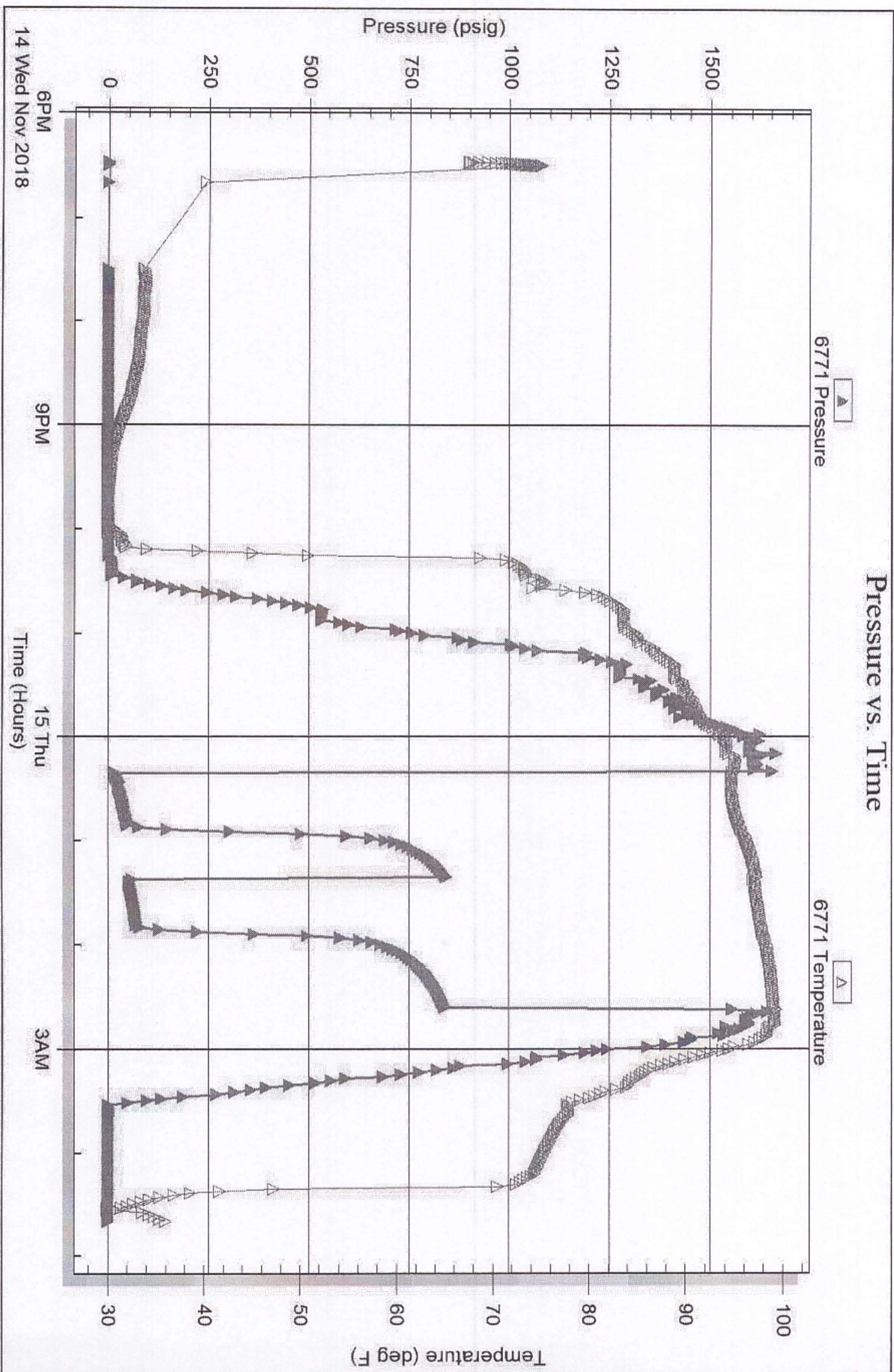


Serial #: 6771

Outside C G Oil, Inc.

P&H Legleiter #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 65001

Printed: 2018.11.16 @ 11:13:44