



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1103976
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: _____



1103976

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 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				

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

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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

December 06, 2012

Charlie Ramsay
H & C Oil Operating Inc.
PO BOX 86
PLAINVILLE, KS 67663-0086

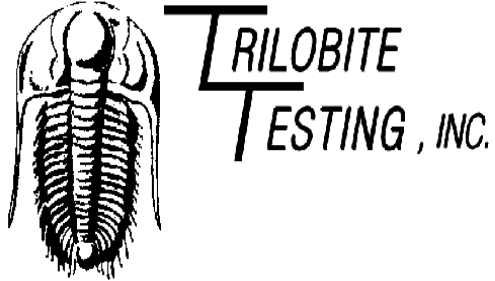
Re: ACO1
API 15-065-23878-00-00
Longsmith 27-1
NW/4 Sec.27-07S-24W
Graham County, Kansas

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,
Charlie Ramsay



DRILL STEM TEST REPORT

Prepared For: **H&C Oil Operating**

PO Box 86
Plainville KS 67663-0086

ATTN: Charles Ramsey

Longsmith #27-1

27-7s-24w Graham,KS

Start Date: 2012.11.26 @ 14:05:14

End Date: 2012.11.26 @ 20:43:53

Job Ticket #: 51502 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.29 @ 11:28:51

H&C Oil Operating
27-7s-24w Graham,KS
Longsmith #27-1
DST # 1
LKC-C-D
2012.11.26



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&C Oil Operating
PO Box 86
Plainville KS 67663-0086
ATTN: Charles Ramsey

27-7s-24w Graham,KS
Longsmith #27-1
Job Ticket: 51502 **DST#: 1**
Test Start: 2012.11.26 @ 14:05:14

Tool Information

Drill Pipe:	Length: 3744.00 ft	Diameter: 3.80 inches	Volume: 52.52 bbl	Tool Weight: 2200.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 52.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3740.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	61.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3720.00	
Shut In Tool	5.00			3725.00	
Hydraulic tool	5.00			3730.00	
Packer	5.00			3735.00	21.00 Bottom Of Top Packer
Packer	5.00			3740.00	
Stubb	1.00			3741.00	
Perforations	3.00			3744.00	
Recorder	0.00	8369	Inside	3744.00	
Recorder	0.00	8700	Outside	3744.00	
Blank Spacing	33.00			3777.00	
Bullnose	3.00			3780.00	40.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

H&C Oil Operating

27-7s-24w Graham,KS

PO Box 86
Plainville KS 67663-0086

Longsmith #27-1

Job Ticket: 51502

DST#: 1

ATTN: Charles Ramsey

Test Start: 2012.11.26 @ 14:05:14

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:

53000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MW 20%M80%W	0.842
180.00	Water	2.525

Total Length: 240.00 ft Total Volume: 3.367 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .16@62F

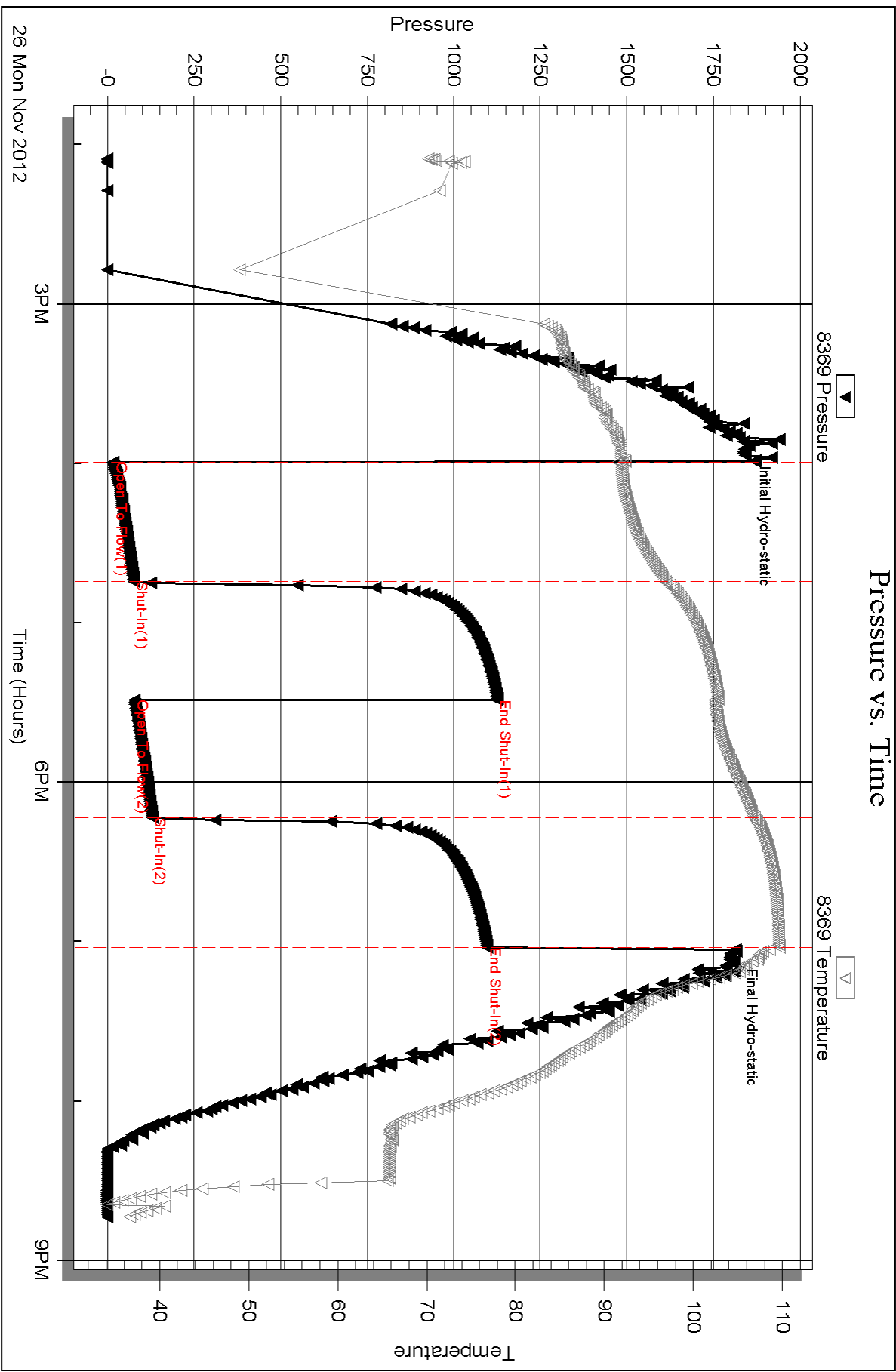
Serial #: 8369

Inside

H&C Oil Operating

Longsmith #27-1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 51502

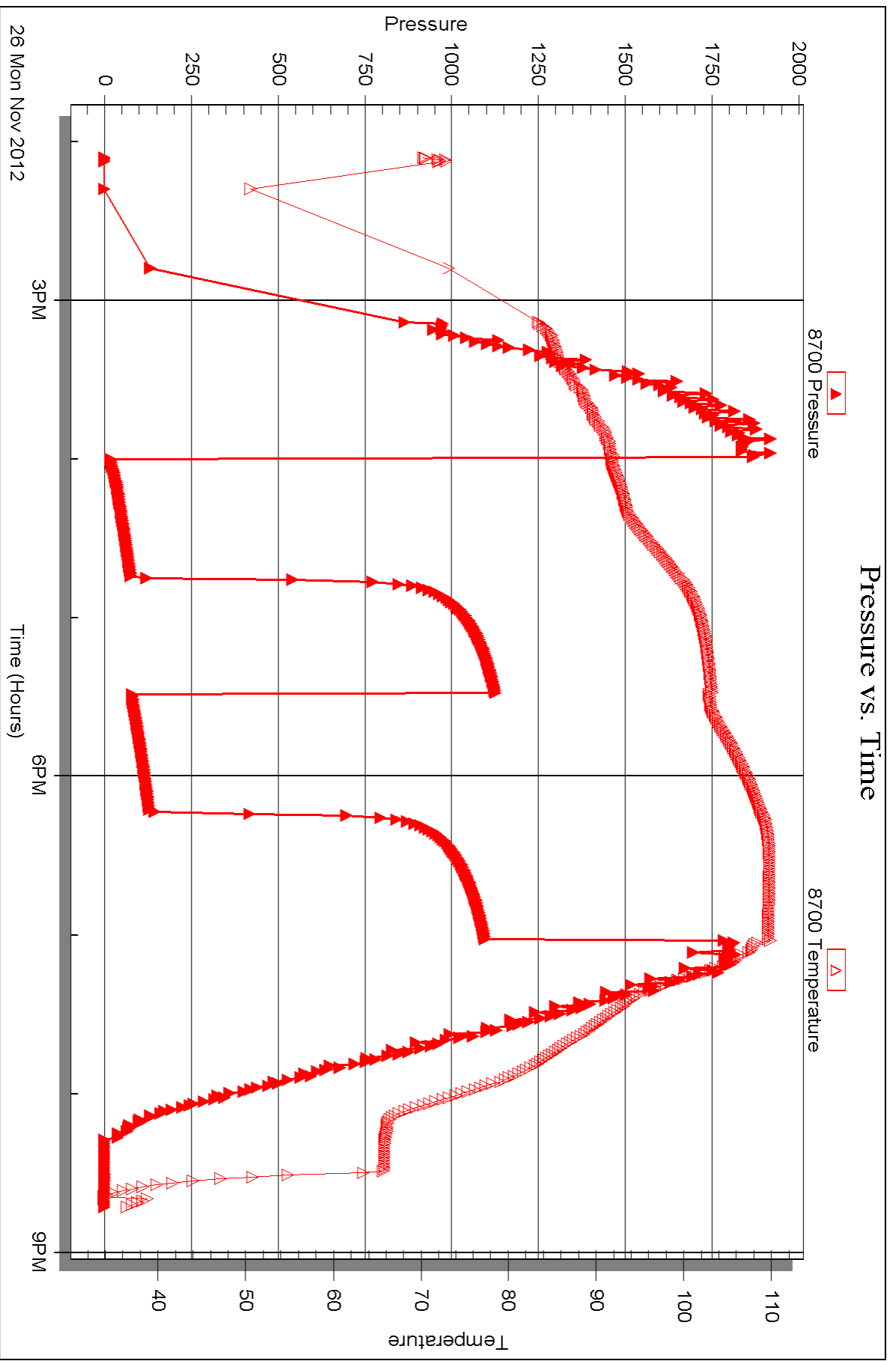
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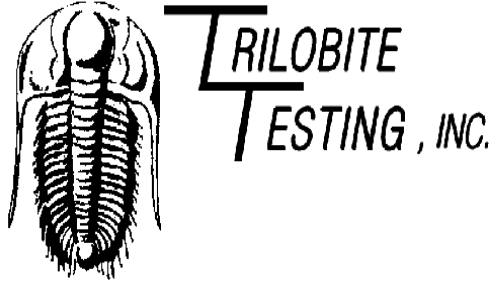
Serial #: 8700

Outside H&C Oil Operating

Longsrnth #27-1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **H&C Oil Operating**

PO Box 86
Plainville KS 67663-0086

ATTN: Charles Ramsey

Longsmith #27-1

27-7s-24w Graham,KS

Start Date: 2012.11.27 @ 12:15:46

End Date: 2012.11.27 @ 18:05:55

Job Ticket #: 51503 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.29 @ 11:28:01

H&C Oil Operating
27-7s-24w Graham,KS
Longsmith #27-1
DST # 2
LKC:H-J
2012.11.27



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H&C Oil Operating
 PO Box 86
 Plainville KS 67663-0086
 ATTN: Charles Ramsey

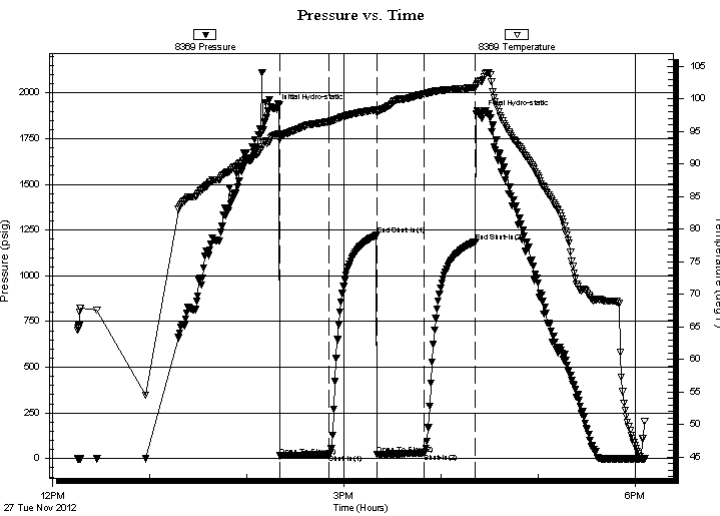
27-7s-24w Graham,KS
Longsmith #27-1
 Job Ticket: 51503 **DST#: 2**
 Test Start: 2012.11.27 @ 12:15:46

GENERAL INFORMATION:

Formation: **LKC H-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:20:41
 Time Test Ended: 18:05:55
 Interval: **3828.00 ft (KB) To 3890.00 ft (KB) (TVD)**
 Total Depth: 3890.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 42
 Reference Elevations: 2428.00 ft (KB)
 2423.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8369 Inside
 Press @ Run Depth: 31.42 psig @ 3834.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.11.27 End Date: 2012.11.27 Last Calib.: 2012.11.27
 Start Time: 12:15:46 End Time: 18:05:55 Time On Btm: 2012.11.27 @ 14:17:41
 Time Off Btm: 2012.11.27 @ 16:24:41

TEST COMMENT: 30-IFP-w k bl thru-out 1/4" to 3/4" bl
 30-ISIP-no bl
 30-FFP-w k bl thru-out 1/8" bl
 30-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1914.01	94.43	Initial Hydro-static
3	15.60	93.78	Open To Flow (1)
34	21.58	96.52	Shut-In(1)
63	1221.95	98.37	End Shut-In(1)
63	24.24	97.82	Open To Flow (2)
93	31.42	100.79	Shut-In(2)
124	1186.92	101.79	End Shut-In(2)
127	1881.35	102.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud	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

H&C Oil Operating
PO Box 86
Plainville KS 67663-0086
ATTN: Charles Ramsey

27-7s-24w Graham,KS
Longsmith #27-1
Job Ticket: 51503 **DST#: 2**
Test Start: 2012.11.27 @ 12:15:46

Tool Information

Drill Pipe:	Length: 3827.00 ft	Diameter: 3.80 inches	Volume: 53.68 bbl	Tool Weight:	2200.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 53.68 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3828.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	62.00 ft				
Tool Length:	83.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3808.00	
Shut In Tool	5.00			3813.00	
Hydraulic tool	5.00			3818.00	
Packer	5.00			3823.00	21.00 Bottom Of Top Packer
Packer	5.00			3828.00	
Stubb	1.00			3829.00	
Perforations	5.00			3834.00	
Recorder	0.00	8369	Inside	3834.00	
Recorder	0.00	8700	Outside	3834.00	
Blank Spacing	33.00			3867.00	
Perforations	20.00			3887.00	
Bullnose	3.00			3890.00	62.00 Bottom Packers & Anchor

Total Tool Length: 83.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

H&C Oil Operating

27-7s-24w Graham,KS

PO Box 86
Plainville KS 67663-0086

Longsmith #27-1

Job Ticket: 51503

DST#: 2

ATTN: Charles Ramsey

Test Start: 2012.11.27 @ 12:15:46

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: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

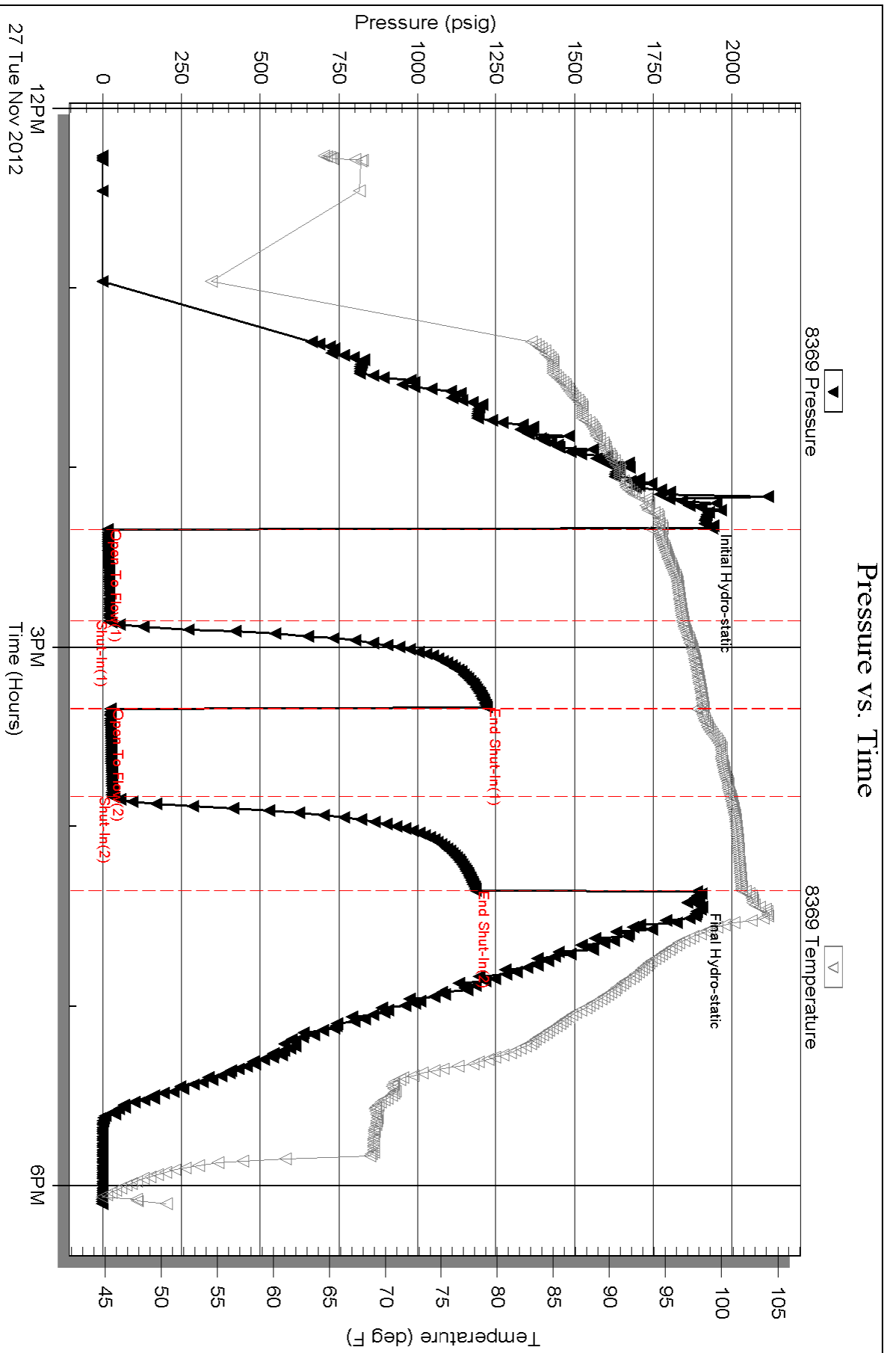
Serial #: 8369

Inside

H&C Oil Operating

Longsmith #27-1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 51503

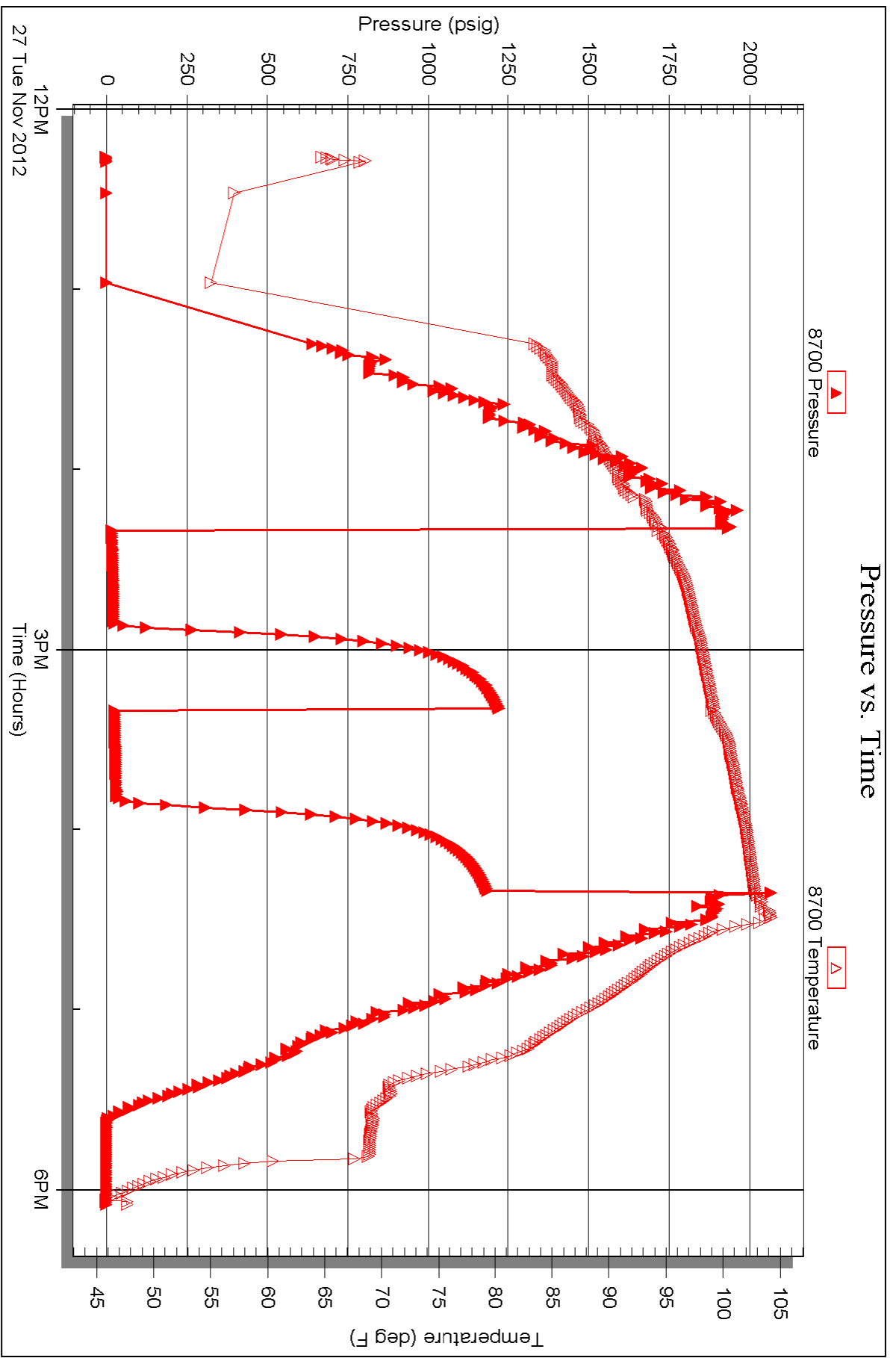
Printed: 2012.11.29 @ 11:28:05

Serial #: 8700

Outside H&C Oil Operating

Longsmith #27-1

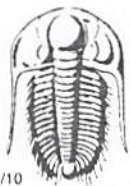
DST Test Number: 2



Triobite Testing, Inc

Ref. No: 51503

Printed: 2012.11.29 @ 11:28:05



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51502

Well Name & No. Lonsmith #27-1 Test No. 1 Date 11-26-12
 Company H & C Oil Operating Elevation 2428 KB 2423 GL
 Address PO Box 86 Plainville, Ks 67663-0086
 Co. Rep / Geo. JASON ALM Rig Am Eagle 1193
 Location: Sec. 27 Twp. 7^s Rge. 24^w Co. GRAHAM State Ks

Interval Tested 3740-3780 Zone Tested LKC C-D
 Anchor Length 40 Drill Pipe Run 3744 Mud Wt. 9.3
 Top Packer Depth 3735 Drill Collars Run - Vis 60
 Bottom Packer Depth 3740 Wt. Pipe Run - WL 8.8
 Total Depth 3780 Chlorides 2000 ppm System LCM 2#

Blow Description IFP - WEAK TO A FAIR BLOW 1/4" TO 4" BLOW
ISIP - NO BLOW
FFP - WEAK BLOW THEN OUT 1/4" TO 2 1/2" BLOW
FSIP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>MW</u>			<u>80</u>	<u>20</u>
<u>180</u>	<u>WATER</u>				

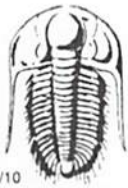
Rec Total 240 BHT 109 Gravity - API RW .16 @ 62° F Chlorides 53000 ppm

(A) Initial Hydrostatic 1836 Test 1150 T-On Location 1300
 (B) First Initial Flow 15 Jars T-Started 1405
 (C) First Final Flow 76 Safety Joint T-Open 1600
 (D) Initial Shut-In 1124 Circ Sub T-Pulled 1900
 (E) Second Initial Flow 77 Hourly Standby T-Out 2043
 (F) Second Final Flow 128 Mileage 150 RT 232.50 Comments
 (G) Final Shut-In 1097 Sampler
 (H) Final Hydrostatic 1799 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45
 Sub Total 1382.50
 Total 1382.50
 MP/DST Disc't

Approved By _____ Our Representative RAY SCHWAGER Thank you

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. 51503

4/10

Well Name & No. Longsmith #27-1 Test No. 2 Date 11-27-12
 Company H+C OIL OPERATING Elevation 2428 KB 2423 GL
 Address PO Box 86 Plainville, Ks 67663-0086
 Co. Rep / Geo. JASON ALM Rig Am Eagle 1193
 Location: Sec. 27 Twp. 7^s Rge. 24^w Co. GRAHAM State Ks

Interval Tested 3828-3890 Zone Tested LKC H-5
 Anchor Length 62 Drill Pipe Run 3827 Mud Wt. 9.4
 Top Packer Depth 3823 Drill Collars Run - Vis 62
 Bottom Packer Depth 3828 Wt. Pipe Run - WL 8
 Total Depth 3890 Chlorides 2000 ppm System LCM 2#
 Blow Description TFP - Weak Blow thru-out 1/4" to 3/4" Blow
ISIP - NO Blow
FFP - Weak Blow thru-out 1/8" Blow
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>Mud</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 101 Gravity - API RW - @ - F Chlorides - ppm

(A) Initial Hydrostatic <u>1914</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1120</u>
(B) First Initial Flow <u>15</u>	<input type="checkbox"/> Jars	T-Started <u>1215</u>
(C) First Final Flow <u>21</u>	<input type="checkbox"/> Safety Joint	T-Open <u>1420</u>
(D) Initial Shut-In <u>1221</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1620</u>
(E) Second Initial Flow <u>24</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1805</u>
(F) Second Final Flow <u>31</u>	<input checked="" type="checkbox"/> Mileage <u>232.50</u>	Comments
(G) Final Shut-In <u>1186</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1881</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1382.50</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1382.50</u>	

Approved By _____ Our Representative RAY Schwager THANK YOU

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.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

6276

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

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

No.

Sec.	Twp.	Range	County	State	On Location	Finish
27	7	24	GRAHAM	KANSAS		7:45 pm
Date 11-28-12			Location <u>PEWEEKS W TO 190RD - 34N - E/INTG</u>			
Lease <u>LONGSMITH</u>			Owner <u>H&C OIL</u>			
Contractor <u>A.F. #3</u>			To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.			
Type Job <u>P.T.A</u>			Charge <u>H&C OIL</u>			
Hole Size <u>7 7/8"</u>			To <u>H&C OIL</u>			
Csg. <u>4 1/2"</u>			Street <u>P.O. Box 86</u>			
Tbg. Size			City <u>PLAINVILLE</u> State <u>KS</u> <u>67663</u>			
Tool			The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.			Cement Amount Ordered <u>205 1/2 40 202 4 1/2 4 1/2 4 1/2</u>			
Meas Line			Displace			
EQUIPMENT						
Pumptrk # <u>15</u>	Cementer No. <u>Helper</u>	<u>NICK</u>				
Bulktrk # <u>12</u>	Driver No. <u>LOANDE M.</u>					
Bulktrk <u>PL</u>	Driver No. <u>CISCO</u>					
JOB SERVICES & REMARKS						
Remarks:						
Flat Hole						
Mouse Hole						
Centralizers						
Baskets						
D/V or Port Collar						
<u>1st @ 2,125'</u>	<u>25 SKS</u>					
<u>2nd @ 1,270'</u>	<u>100 SKS</u>					
<u>3rd @ 280'</u>	<u>40 SKS</u>					
<u>4TH @ 40'</u>	<u>10 SKS</u>					
<u>BATHOLE</u>	<u>30 SKS</u>					
	<u>205 SKS</u>					
FLOAT EQUIPMENT						
Guide Shoe						
Centralizer						
Baskets						
AFU Inserts						
Float Shoe						
Latch Down						
<u>1-8 5/8" WOODEN PLUG</u>						
Pumptrk Charge	<u>plug</u>					
Mileage	<u>31</u>					
Total Charge						
Tax						
Discount						

THANK YOU

X

