



DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Corp.**

PO Box 387
Russell, KS 67665

ATTN: Brad Hutchison

SE-G #3

33-14S-15W Russell, KS

Start Date: 2018.07.28 @ 00:07:00

End Date: 2018.07.28 @ 05:20:00

Job Ticket #: 63134 DST #: 1

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp.

33-14S-15W Russell, KS

PO Box 387
Russell, KS 67665

SE-G #3

Job Ticket: 63134

DST#: 1

ATTN: Brad Hutchison

Test Start: 2018.07.28 @ 00:07:00

GENERAL INFORMATION:

Formation: **LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:49:00

Time Test Ended: 05:20:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3100.00 ft (KB) To 3200.00 ft (KB) (TVD)

Reference Elevations: 1883.00 ft (KB)

Total Depth: 3200.00 ft (KB) (TVD)

1876.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6753 Outside

Press@RunDepth: 18.93 psig @ 3101.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.07.28

End Date:

2018.07.28

Last Calib.:

2018.07.28

Start Time: 00:07:05

End Time:

05:19:59

Time On Btm:

2018.07.28 @ 01:48:30

Time Off Btm:

2018.07.28 @ 03:49:30

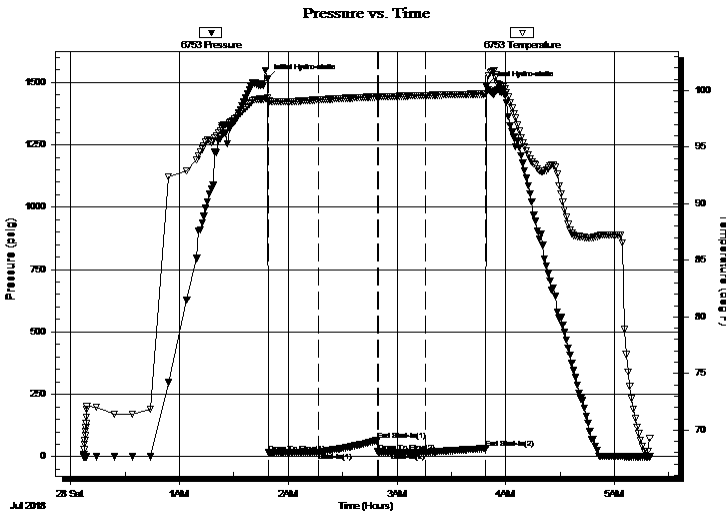
TEST COMMENT: 30- IF- Surface blow died in 26 mins

30- IS- No blow

30- FF- No blow

30- FSI- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1513.57	99.33	Initial Hydro-static
1	16.17	98.97	Open To Flow (1)
28	17.92	99.17	Shut-In(1)
61	65.50	99.43	End Shut-In(1)
62	18.99	99.43	Open To Flow (2)
88	18.93	99.56	Shut-In(2)
121	33.62	99.70	End Shut-In(2)
121	1486.98	100.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mw / oil show on top	0.21

Gas Rates

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



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TOOL DIAGRAM

Prospect Oil & Gas Corp.

33-14S-15W Russell, KS

PO Box 387
Russell, KS 67665

SE-G #3

Job Ticket: 63134

DST#: 1

ATTN: Brad Hutchison

Test Start: 2018.07.28 @ 00:07:00

Tool Information

Drill Pipe:	Length: 3104.00 ft	Diameter: 3.82 inches	Volume: 44.00 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: 52000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3100.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	100.00 ft			
Tool Length:	120.00 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			3081.00	
Shut In Tool	5.00			3086.00	
Hydraulic tool	5.00			3091.00	
Packer	5.00			3096.00	20.00 Bottom Of Top Packer
Packer	4.00			3100.00	
Stubb	1.00			3101.00	
Recorder	0.00	6771	Inside	3101.00	
Recorder	0.00	6753	Outside	3101.00	
Perforations	1.00			3102.00	
Change Over Sub	1.00			3103.00	
Drill Pipe	93.00			3196.00	
Change Over Sub	1.00			3197.00	
Bullnose	3.00			3200.00	100.00 Bottom Packers & Anchor

Total Tool Length: 120.00



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FLUID SUMMARY

Prospect Oil & Gas Corp.

33-14S-15W Russell, KS

PO Box 387
Russell, KS 67665

SE-G #3

Job Ticket: 63134

DST#: 1

ATTN: Brad Hutchison

Test Start: 2018.07.28 @ 00:07:00

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mw / oil show on top	0.213

Total Length: 15.00 ft Total Volume: 0.213 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

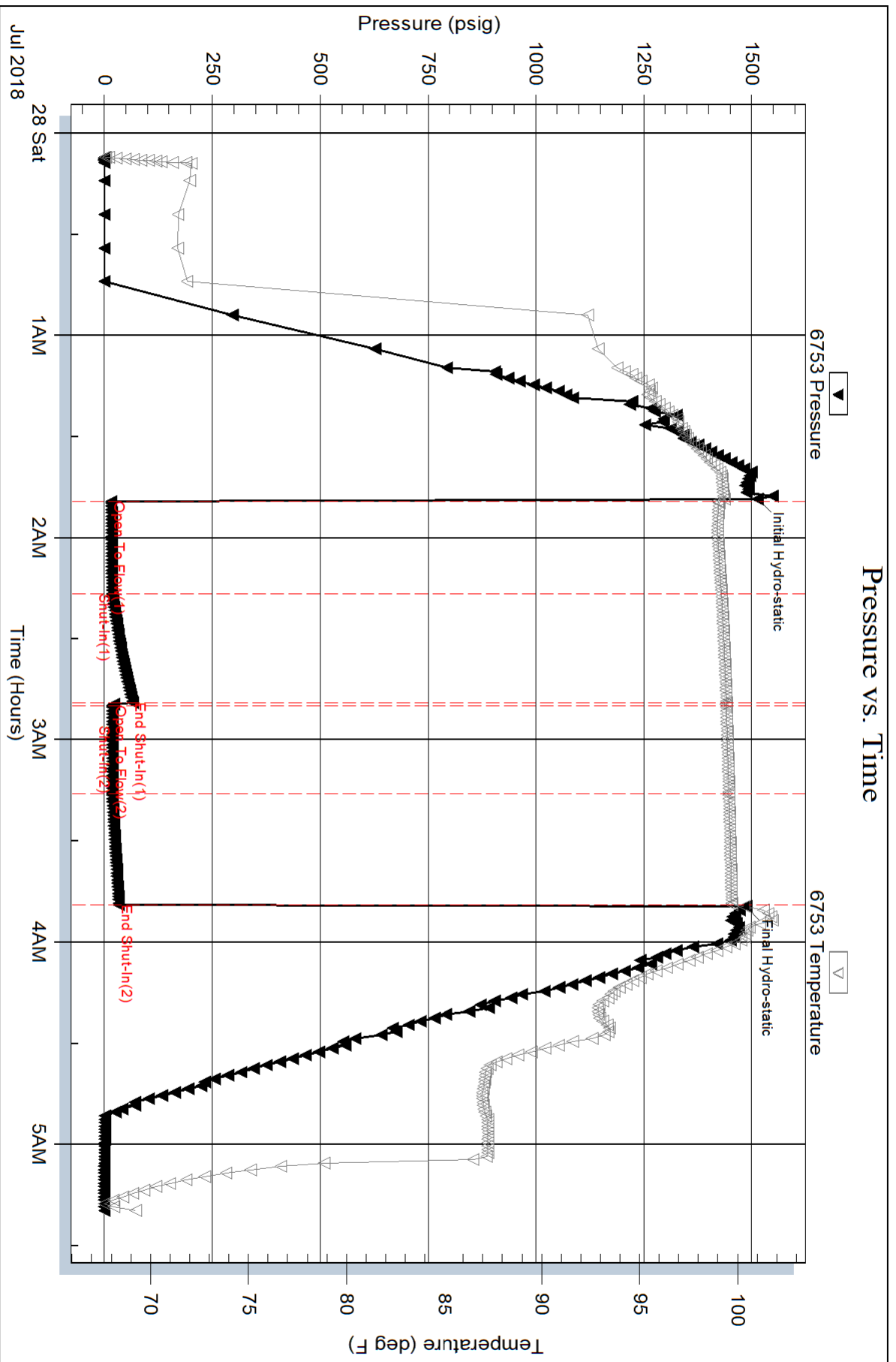
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Serial #: 6771

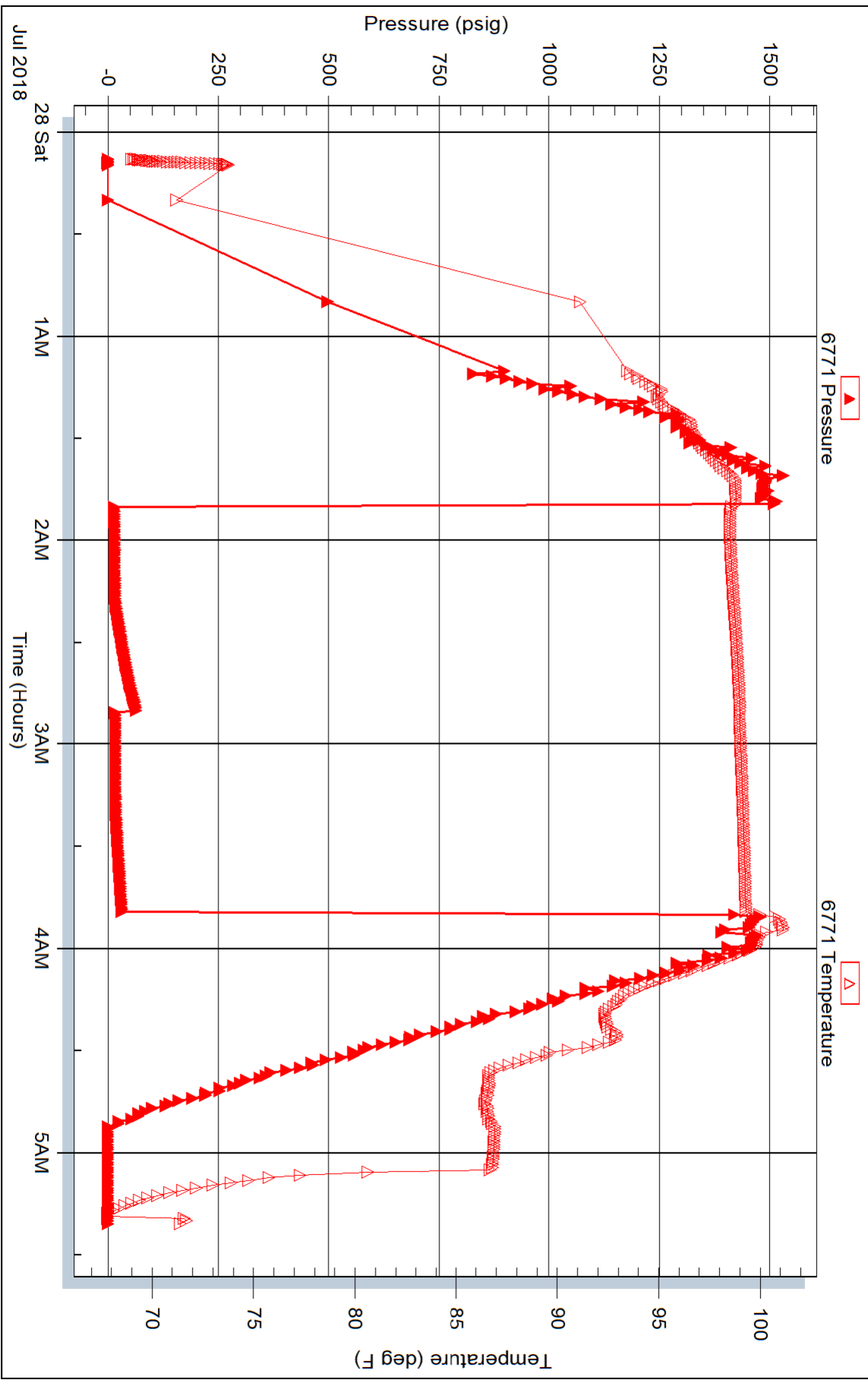
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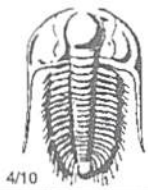
Prospect Oil & Gas Corp.

SE-G#3

DST Test Number: 1

Pressure vs. Time





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **63134**

Well Name & No. JE-G #3 Test No. 1 Date 7/28/18
 Company Prospect Oil & Gas Comp. Elevation 1883 KB 1876 GL
 Address PO Box 387 Russell, KS 67665
 Co. Rep / Geo. Brad Hutchison Rig Boyal #1
 Location: Sec. 33 Twp. 14 S Rge. 15 W Co. Russell State KS

Interval Tested 3100 - 3200 Zone Tested LKC
 Anchor Length 100' Drill Pipe Run 3104 Mud Wt. 8.8
 Top Packer Depth 3095 Drill Collars Run — Vis 47
 Bottom Packer Depth 3100 Wt. Pipe Run — WL 6.0
 Total Depth 3200 Chlorides 3,600 ppm System LCM 2#

Blow Description IF- Surface flow dried 26 mins
IST- No flow
FF- No flow
FST- No flow

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>M w/ oil show on top</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 15' BHT 100° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 1514 Test 1050 T-On Location 2320
 (B) First Initial Flow 16 Jars _____ T-Started 0007
 (C) First Final Flow 18 Safety Joint _____ T-Open 0149
 (D) Initial Shut-In 66 Circ Sub _____ T-Pulled 0349
 (E) Second Initial Flow 19 Hourly Standby _____ T-Out 0520
 (F) Second Final Flow 19 Mileage 42 RTx2 42+42 Comments Toads loaded
 (G) Final Shut-In 34 Sampler _____ 7/28 @ 1845
 (H) Final Hydrostatic 1487 Straddle _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 30 Extra Packer _____
 Final Shut-In 30 Extra Recorder _____
 Sub Total 0
 Total 1134
 MP/DST Disc't _____
 Sub Total 1134

Approved By _____

Our Representative
Brannan Lonsdale