



DRILL STEM TEST REPORT

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

PO Box 837
Russell, KS 67665

ATTN: Brad Hutchison

Alvin Soukup Jr. #1

3-15S-12W Russell, KS

Start Date: 2017.12.02 @ 18:37:04

End Date: 2017.12.03 @ 02:34:10

Job Ticket #: 63122 DST #: 1

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

Printed: 2017.12.12 @ 10:26:31



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63122

DST#: 1

ATTN: Brad Hutchison

Test Start: 2017.12.02 @ 18:37:04

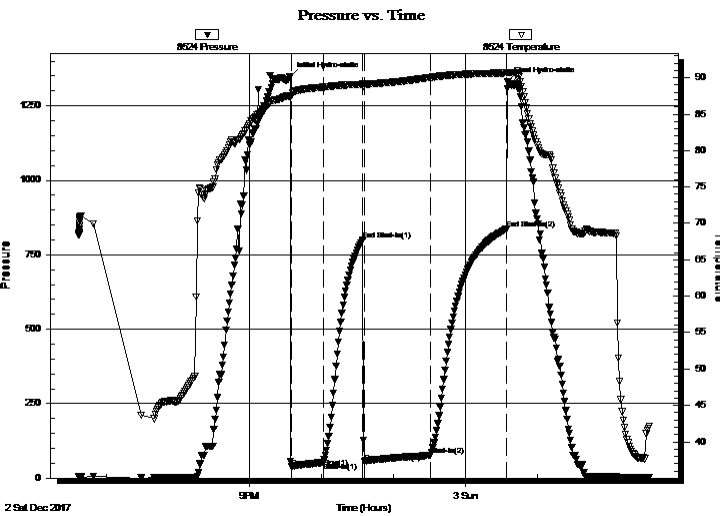
GENERAL INFORMATION:

Formation: **Topeka - Toronto**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:34:55
 Time Test Ended: 02:34:10
 Interval: **2830.00 ft (KB) To 2920.00 ft (KB) (TVD)**
 Total Depth: 2920.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brannan Lonsdale
 Unit No: 73
 Reference Elevations: 1841.00 ft (KB)
 1836.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8524 Outside

Press@RunDepth: 76.97 psig @ 2852.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.12.02 End Date: 2017.12.03 Last Calib.: 2017.12.03
 Start Time: 18:37:05 End Time: 02:34:10 Time On Btm: 2017.12.02 @ 21:33:25
 Time Off Btm: 2017.12.03 @ 00:35:25

TEST COMMENT: 30- IF- BOB 12 mins
 30- IS- No blow
 60- FF- BOB 13 mins
 60- FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1348.29	87.55	Initial Hydro-static
2	37.76	87.51	Open To Flow (1)
28	52.64	88.71	Shut-In(1)
61	799.14	89.11	End Shut-In(1)
63	54.26	88.98	Open To Flow (2)
118	76.97	90.03	Shut-In(2)
181	836.38	90.67	End Shut-In(2)
182	1330.14	90.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
111.00	M	1.57

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63122

DST#: 1

ATTN: Brad Hutchison

Test Start: 2017.12.02 @ 18:37:04

Tool Information

Drill Pipe:	Length: 2824.00 ft	Diameter: 3.82 inches	Volume: 40.03 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: 75000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 7.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	2830.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	115.00 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			2806.00	
Shut In Tool	5.00			2811.00	
Hydraulic tool	5.00			2816.00	
EM Tool	5.00			2821.00	
Packer	5.00			2826.00	25.00 Bottom Of Top Packer
Packer	4.00			2830.00	
Stubb	1.00			2831.00	
Perforations	21.00			2852.00	
Recorder	0.00	6771	Inside	2852.00	
Recorder	0.00	8524	Outside	2852.00	
Change Over Sub	1.00			2853.00	
Drill Pipe	63.00			2916.00	
Change Over Sub	1.00			2917.00	
Bullnose	3.00			2920.00	90.00 Bottom Packers & Anchor

Total Tool Length: 115.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63122

DST#: 1

ATTN: Brad Hutchison

Test Start: 2017.12.02 @ 18:37:04

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
111.00	M	1.573

Total Length: 111.00 ft

Total Volume: 1.573 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

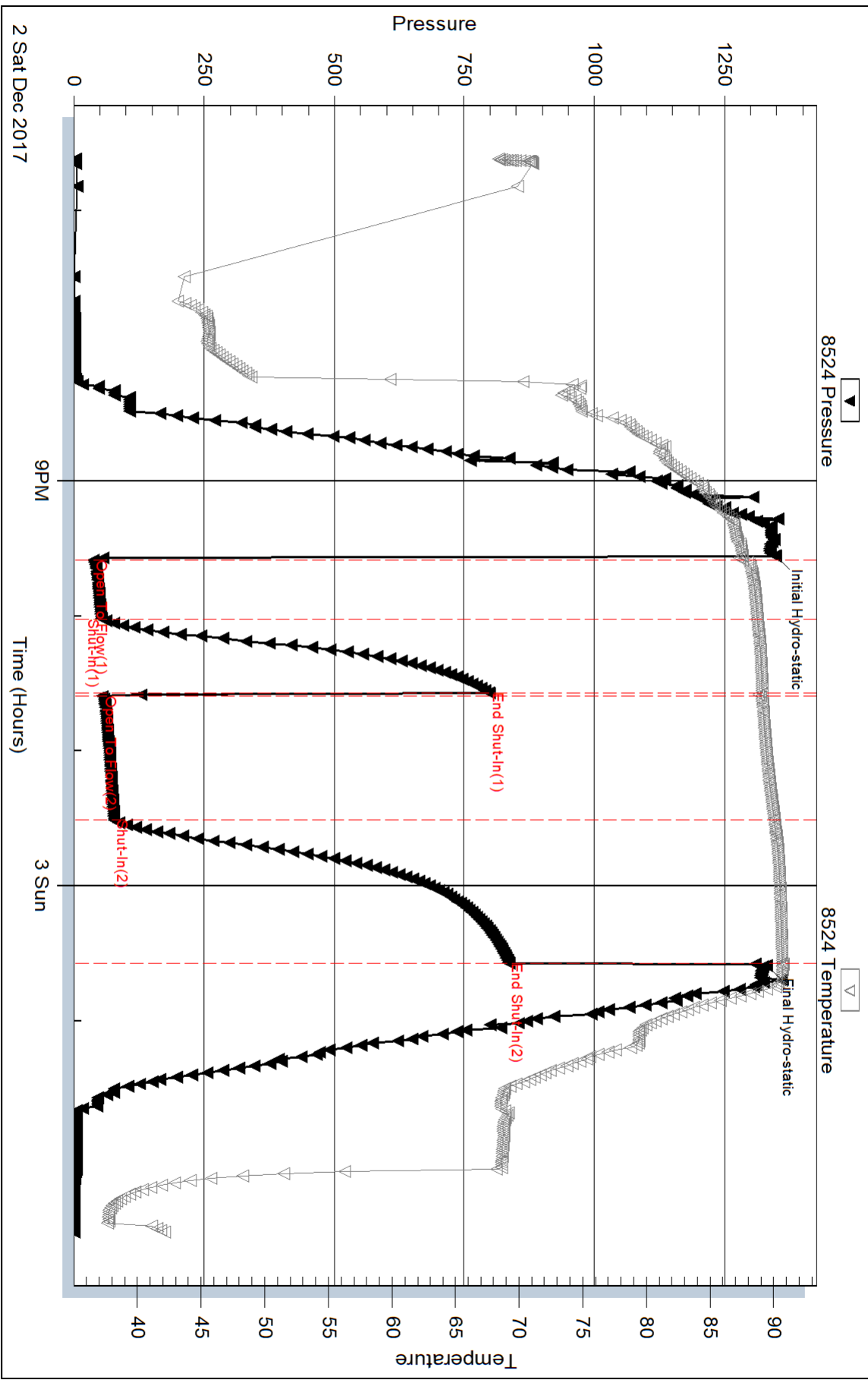
Serial #: 8524

Outside Prospect Oil & Gas Corp.

Alvin Soukup Jr. #1

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 63122

Printed: 2017.12.12 @ 10:26:32

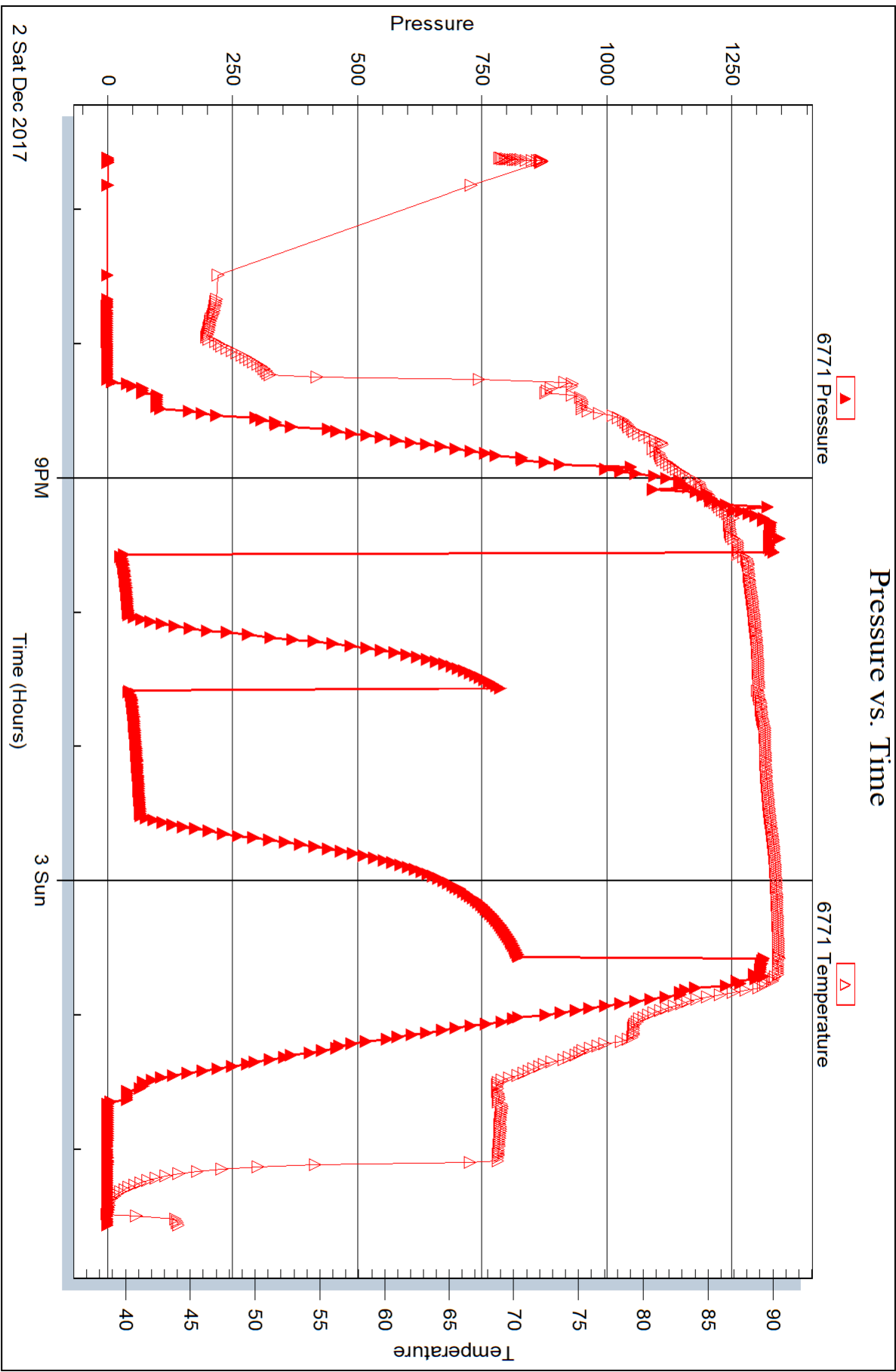
Serial #: 6771

Inside

Prospect Oil & Gas Corp.

Alvin Soukup Jr. #1

DST Test Number: 1





DRILL STEM TEST REPORT

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

PO Box 837
Russell, KS 67665

ATTN: Brad Hutchison

Alvin Soukup Jr. #1

3-15S-12W Russell, KS

Start Date: 2017.12.03 @ 11:08:57

End Date: 2017.12.03 @ 16:07:03

Job Ticket #: 63123 DST #: 2

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

Printed: 2017.12.12 @ 10:25:17

Prospect Oil & Gas Corp.
3-15S-12W Russell, KS
Alvin Soukup Jr. #1
DST # 2
2017.12.03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63123

DST#: 2

ATTN: Brad Hutchison

Test Start: 2017.12.03 @ 11:08:57

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:42:03

Time Test Ended: 16:07:03

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3010.00 ft (KB) To 3030.00 ft (KB) (TVD)

Reference Elevations: 1841.00 ft (KB)

Total Depth: 3030.00 ft (KB) (TVD)

1836.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 6771

Inside

Press@RunDepth: 32.84 psig @ 3011.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.12.03

End Date:

2017.12.03

Last Calib.:

2017.12.03

Start Time: 11:08:58

End Time:

16:07:03

Time On Btm:

2017.12.03 @ 12:41:03

Time Off Btm:

2017.12.03 @ 14:42:03

TEST COMMENT: 30- IF- BOB 6 mins
30- IS- No blow
30- FF- BOB instantly
30- FSI- Weak surface blow died in 3 mins

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1442.36	87.52	Initial Hydro-static
1	18.30	88.18	Open To Flow (1)
30	25.49	89.80	Shut-In(1)
61	635.31	90.51	End Shut-In(1)
62	23.74	90.49	Open To Flow (2)
90	32.84	90.90	Shut-In(2)
120	603.47	92.22	End Shut-In(2)
121	1428.77	92.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	HOCM, 35%O 65%M	0.92
0.00	250' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63123

DST#: 2

ATTN: Brad Hutchison

Test Start: 2017.12.03 @ 11:08:57

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:42:03

Time Test Ended: 16:07:03

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3010.00 ft (KB) To 3030.00 ft (KB) (TVD)

Reference Elevations: 1841.00 ft (KB)

Total Depth: 3030.00 ft (KB) (TVD)

1836.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8524 Outside

Press@RunDepth: psig @ 3011.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.12.03

End Date: 2017.12.03

Last Calib.: 2017.12.03

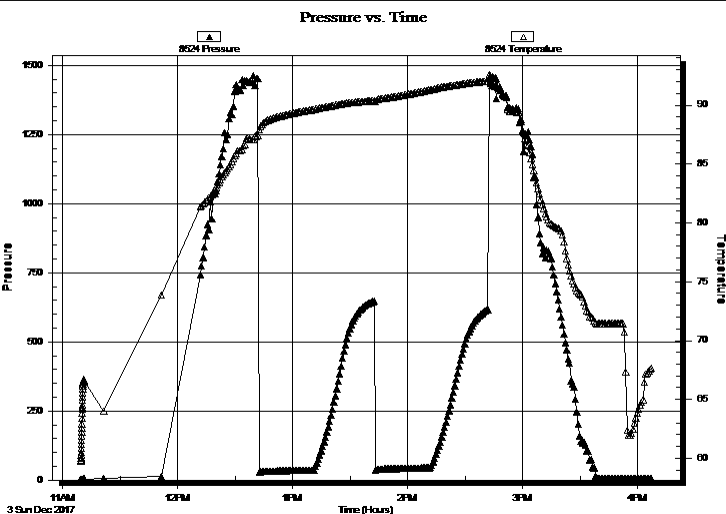
Start Time: 11:09:23

End Time: 16:07:43

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- IF- BOB 6 mins
30- IS- No blow
30- FF- BOB instantly
30- FS- Weak surface blow died in 3 mins



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
65.00	HOCM, 35%O 65%M	0.92
0.00	250' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63123

DST#: 2

ATTN: Brad Hutchison

Test Start: 2017.12.03 @ 11:08:57

Tool Information

Drill Pipe:	Length: 3014.00 ft	Diameter: 3.82 inches	Volume: 42.72 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: 58000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3010.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	35.00 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			2991.00	
Shut In Tool	5.00			2996.00	
Hydraulic tool	5.00			3001.00	
Packer	5.00			3006.00	20.00 Bottom Of Top Packer
Packer	4.00			3010.00	
Stubb	1.00			3011.00	
Recorder	0.00	6771	Inside	3011.00	
Recorder	0.00	8524	Outside	3011.00	
Perforations	11.00			3022.00	
Bullnose	3.00			3025.00	15.00 Bottom Packers & Anchor
Total Tool Length:	35.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63123

DST#: 2

ATTN: Brad Hutchison

Test Start: 2017.12.03 @ 11:08:57

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	HOCM, 35%O 65%M	0.921
0.00	250' GIP	0.000

Total Length: 65.00 ft Total Volume: 0.921 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

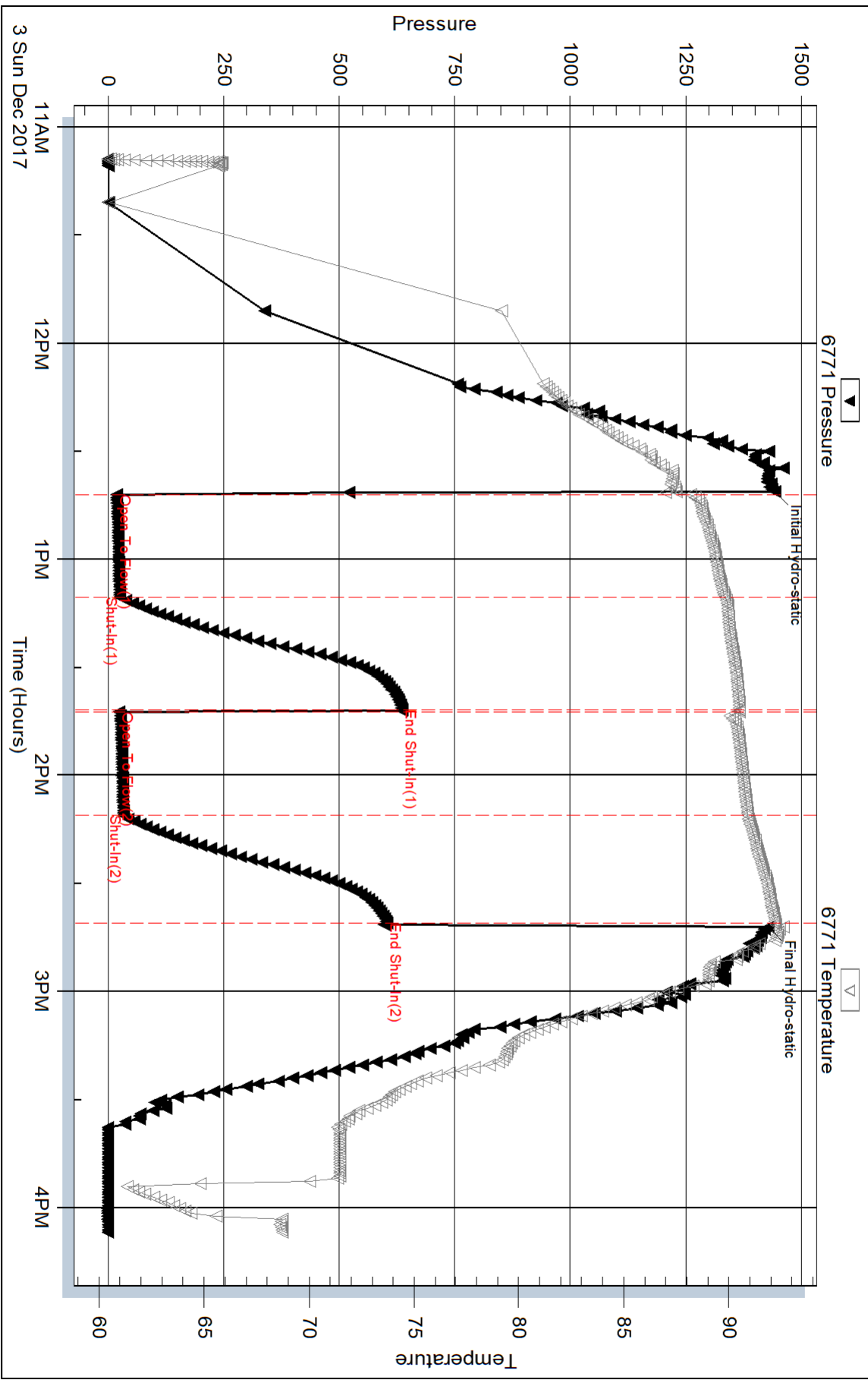
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

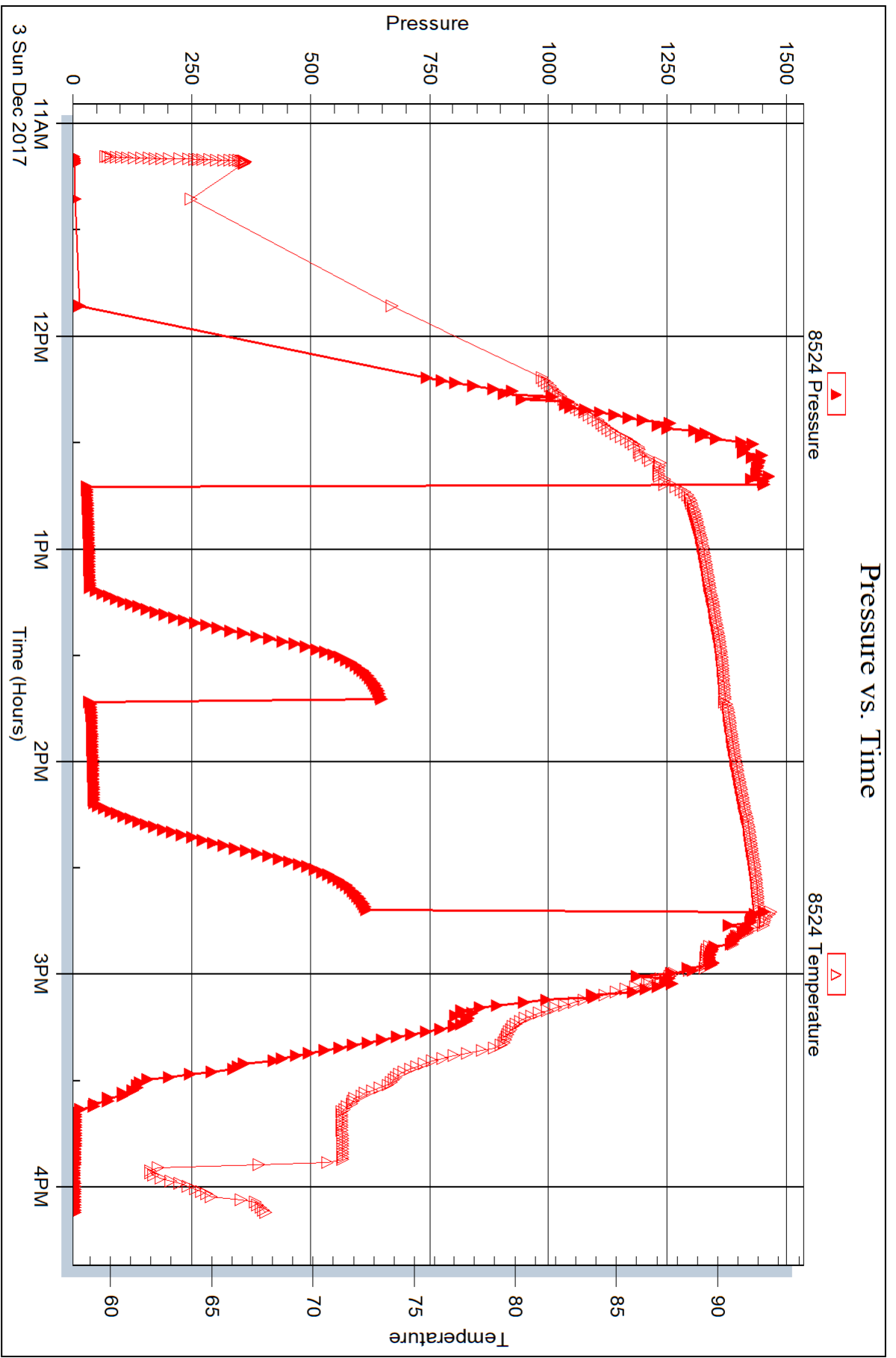


Serial #: 8524

Outside Prospect Oil & Gas Corp.

Alvin Soukup Jr. #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 63123

Printed: 2017.12.12 @ 10:25:21



DRILL STEM TEST REPORT

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

PO Box 837
Russell, KS 67665

ATTN: Brad Hutchison

Alvin Soukup Jr. #1

3-15S-12W Russell, KS

Start Date: 2017.12.03 @ 22:38:40

End Date: 2017.12.04 @ 04:52:16

Job Ticket #: 63124 DST #: 3

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

Printed: 2017.12.12 @ 10:24:54



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63124

DST#: 3

ATTN: Brad Hutchison

Test Start: 2017.12.03 @ 22:38:40

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:08:31

Time Test Ended: 04:52:16

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3050.00 ft (KB) To 3070.00 ft (KB) (TVD)

Reference Elevations: 1841.00 ft (KB)

Total Depth: 3070.00 ft (KB) (TVD)

1836.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8524 Outside

Press@RunDepth: 92.30 psig @ 3051.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.12.03

End Date:

2017.12.04

Last Calib.:

2017.12.04

Start Time: 22:38:41

End Time:

04:52:16

Time On Btm:

2017.12.04 @ 00:08:01

Time Off Btm:

2017.12.04 @ 03:10:01

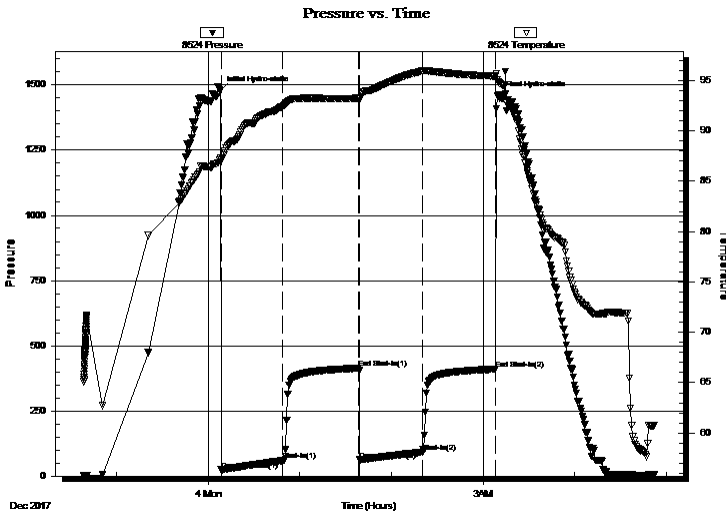
TEST COMMENT: 45- IF- Slow ly built to 4 1/2"

45- IS- No blow

45- FF- Slow ly built to 1"

45- FSI- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1479.68	87.32	Initial Hydro-static
1	23.59	87.10	Open To Flow (1)
41	59.13	92.45	Shut-In(1)
91	413.63	93.24	End Shut-In(1)
91	62.27	93.15	Open To Flow (2)
133	92.30	95.94	Shut-In(2)
181	410.25	95.44	End Shut-In(2)
182	1460.73	94.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	MW, 35%M 65%W	2.13

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63124

DST#: 3

ATTN: Brad Hutchison

Test Start: 2017.12.03 @ 22:38:40

Tool Information

Drill Pipe:	Length: 3046.00 ft	Diameter: 3.82 inches	Volume: 43.18 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: 60000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3050.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	40.00 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			3031.00	
Shut In Tool	5.00			3036.00	
Hydraulic tool	5.00			3041.00	
Packer	5.00			3046.00	20.00 Bottom Of Top Packer
Packer	4.00			3050.00	
Stubb	1.00			3051.00	
Recorder	0.00	6771	Inside	3051.00	
Recorder	0.00	8524	Outside	3051.00	
Perforations	16.00			3067.00	
Bullnose	3.00			3070.00	20.00 Bottom Packers & Anchor
Total Tool Length:	40.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63124

DST#: 3

ATTN: Brad Hutchison

Test Start: 2017.12.03 @ 22:38:40

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	MW, 35%M 65%W	2.126

Total Length: 150.00 ft Total Volume: 2.126 bbl

Num Fluid Samples: 0

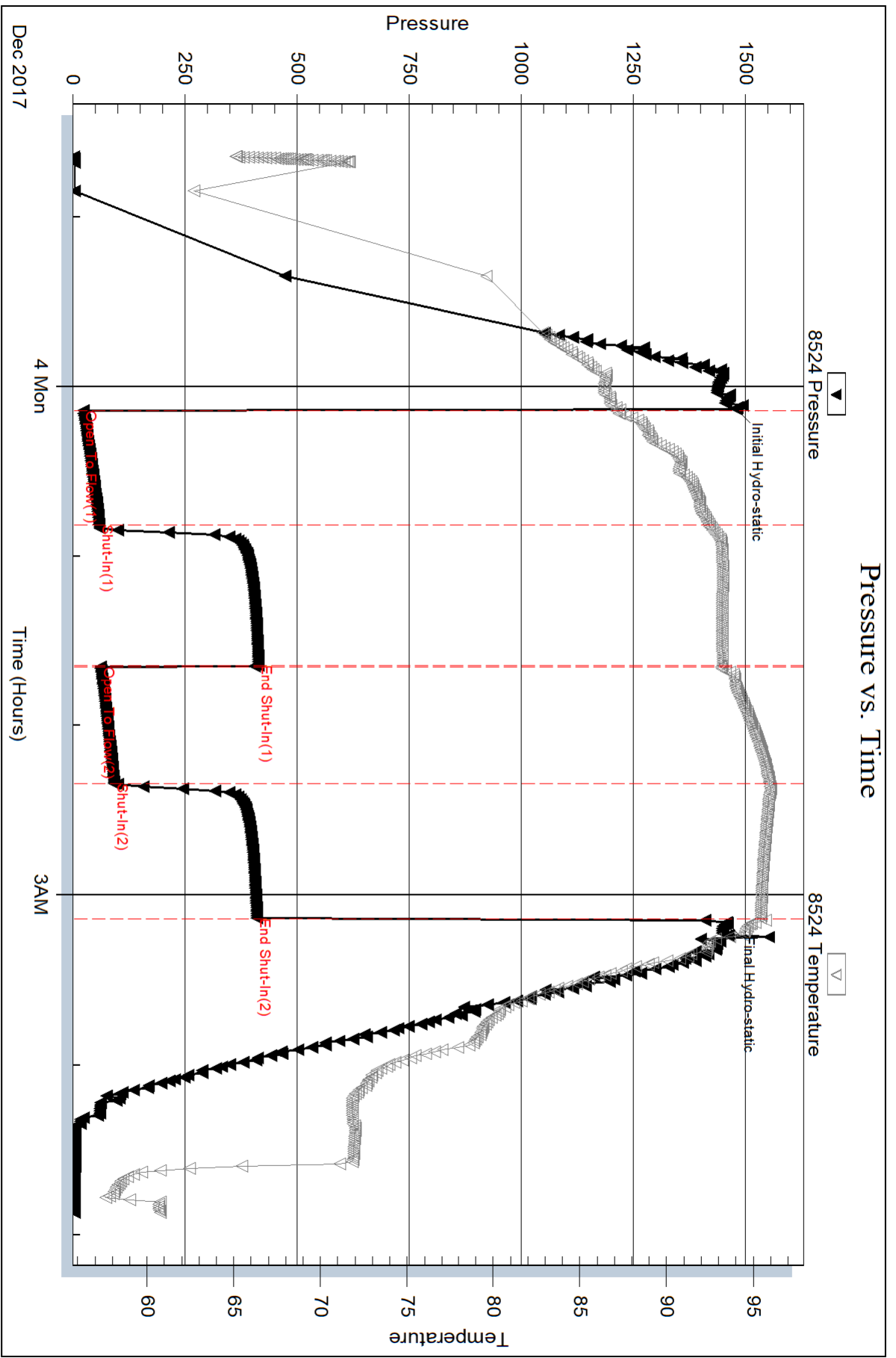
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .14@62deg



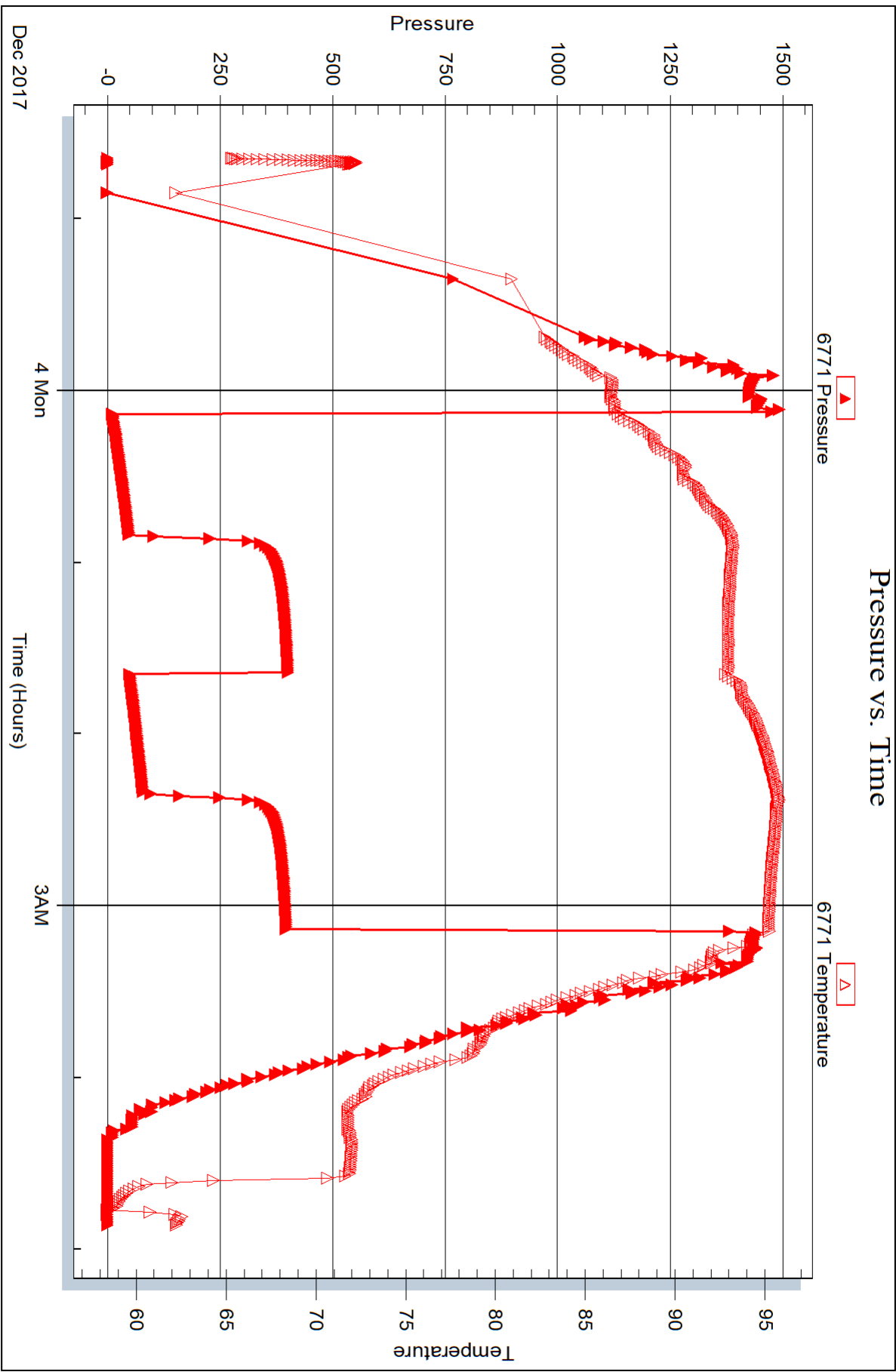
Serial #: 6771

Inside

Prospect Oil & Gas Corp.

Alvin Soukup Jr. #1

DST Test Number: 3





DRILL STEM TEST REPORT

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

PO Box 837
Russell, KS 67665

ATTN: Brad Hutchison

Alvin Soukup Jr. #1

3-15S-12W Russell, KS

Start Date: 2017.12.04 @ 09:07:25

End Date: 2017.12.04 @ 15:20:16

Job Ticket #: 63125 DST #: 4

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

Printed: 2017.12.12 @ 10:24:29



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63125

DST#: 4

ATTN: Brad Hutchison

Test Start: 2017.12.04 @ 09:07:25

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:45:16

Time Test Ended: 15:20:16

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3072.00 ft (KB) To 3083.00 ft (KB) (TVD)

Reference Elevations: 1841.00 ft (KB)

Total Depth: 3083.00 ft (KB) (TVD)

1836.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8524 Outside

Press@RunDepth: 37.55 psig @ 3080.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.12.04

End Date:

2017.12.04

Last Calib.:

2017.12.04

Start Time: 09:07:26

End Time:

15:20:16

Time On Btm:

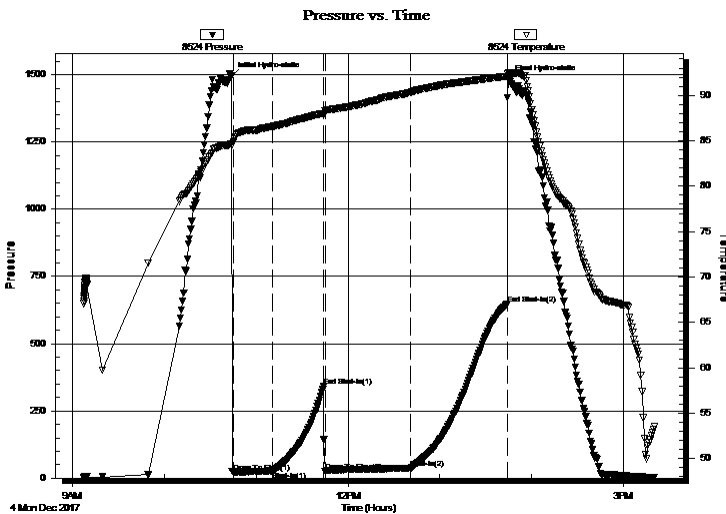
2017.12.04 @ 10:43:31

Time Off Btm:

2017.12.04 @ 13:44:46

TEST COMMENT: 30- IF- BOB 19 mins
30- IS- Weak surface blow
60- FF- BOB 20 mins w / 4" initial surge
60- FS- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1495.05	84.64	Initial Hydro-static
2	22.22	84.89	Open To Flow (1)
28	26.27	86.57	Shut-In(1)
61	340.34	88.01	End Shut-In(1)
62	26.40	88.33	Open To Flow (2)
118	37.55	90.33	Shut-In(2)
181	648.47	92.09	End Shut-In(2)
182	1480.85	92.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	HMCO, 45%M 55%O	0.64
0.00	205' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63125

DST#: 4

ATTN: Brad Hutchison

Test Start: 2017.12.04 @ 09:07:25

Tool Information

Drill Pipe:	Length: 3078.00 ft	Diameter: 3.82 inches	Volume: 43.63 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: 63000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3072.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	31.00 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			3053.00	
Shut In Tool	5.00			3058.00	
Hydraulic tool	5.00			3063.00	
Packer	5.00			3068.00	20.00 Bottom Of Top Packer
Packer	4.00			3072.00	
Stubb	1.00			3073.00	
Perforations	7.00			3080.00	
Recorder	0.00	6771	Inside	3080.00	
Recorder	0.00	8524	Outside	3080.00	
Bullnose	3.00			3083.00	11.00 Bottom Packers & Anchor
Total Tool Length:	31.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63125

DST#: 4

ATTN: Brad Hutchison

Test Start: 2017.12.04 @ 09:07:25

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
45.00	HMCO, 45%M 55%O	0.638
0.00	205' GIP	0.000

Total Length: 45.00 ft Total Volume: 0.638 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

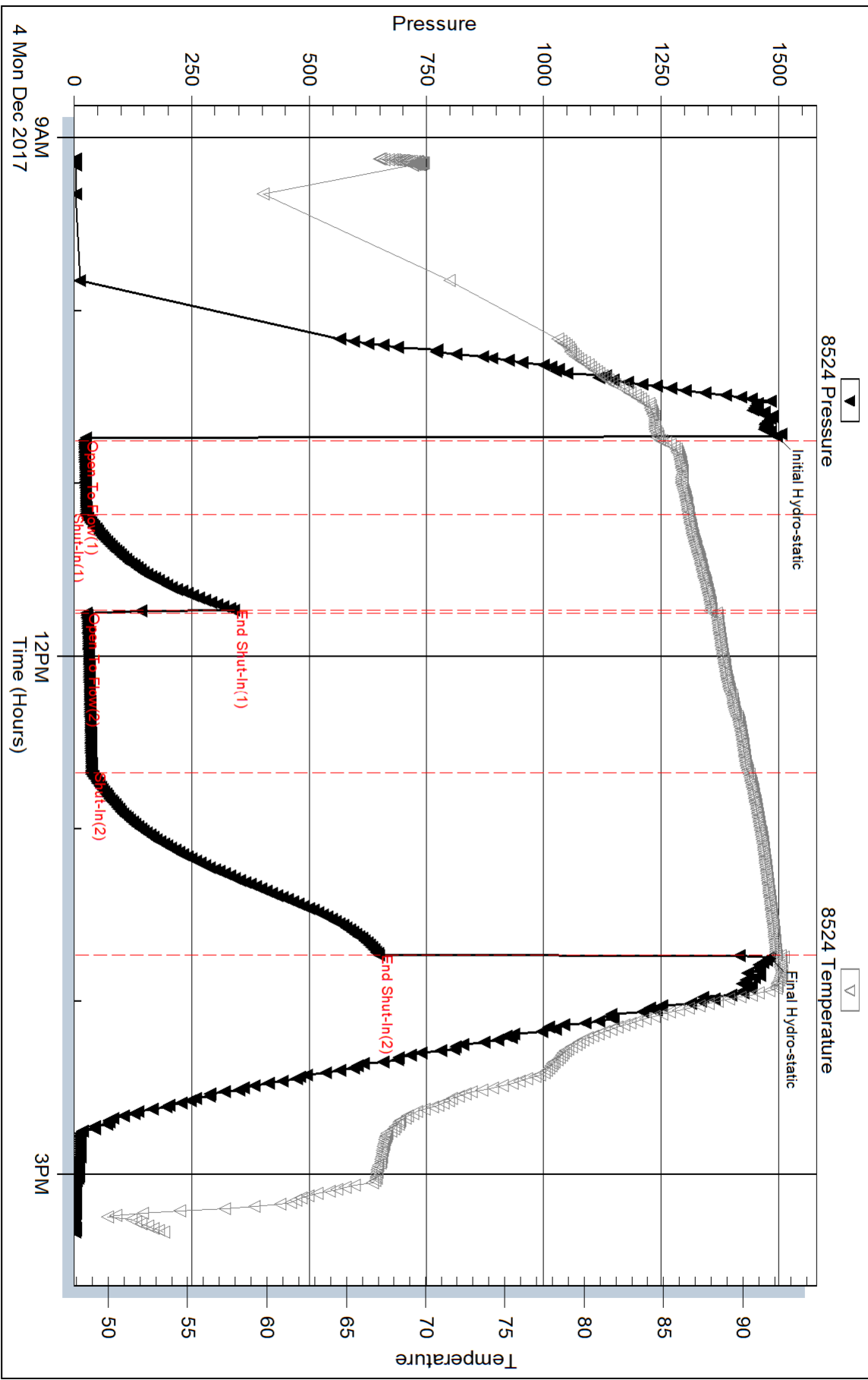
Serial #: 8524

Outside Prospect Oil & Gas Corp.

Alvin Soukup Jr. #1

DST Test Number: 4

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 63125

Printed: 2017.12.12 @ 10:24:30

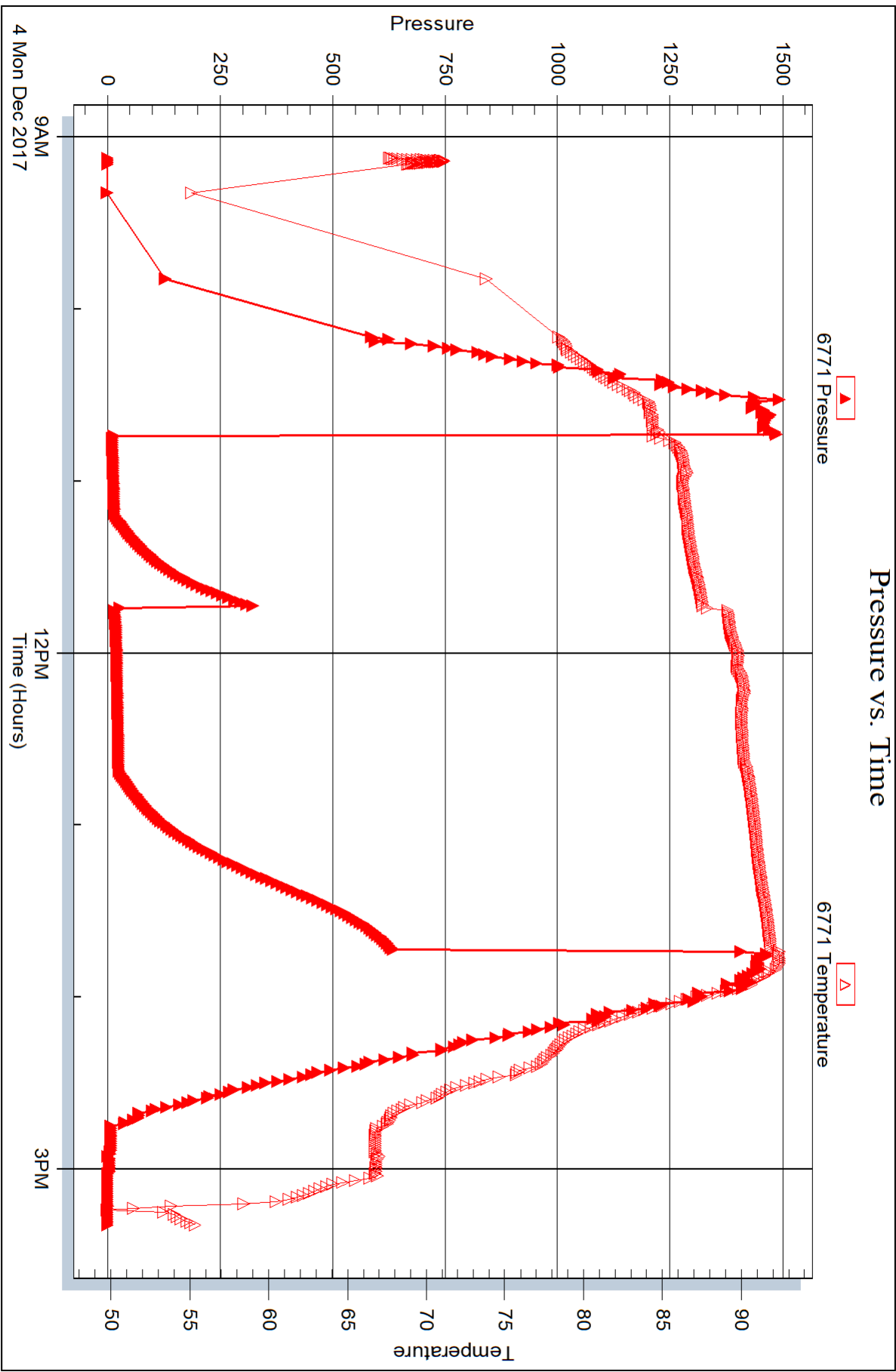
Serial #: 6771

Inside

Prospect Oil & Gas Corp.

Alvin Soukup Jr. #1

DST Test Number: 4





DRILL STEM TEST REPORT

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

PO Box 837
Russell, KS 67665

ATTN: Brad Hutchison

Alvin Soukup Jr. #1

3-15S-12W Russell, KS

Start Date: 2017.12.05 @ 11:47:08

End Date: 2017.12.05 @ 17:06:14

Job Ticket #: 63326 DST #: 5

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

Printed: 2017.12.12 @ 10:23:58



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

ATTN: Brad Hutchison

Job Ticket: 63326

DST#: 5

Test Start: 2017.12.05 @ 11:47:08

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:39:59

Time Test Ended: 17:06:14

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3250.00 ft (KB) To 3292.00 ft (KB) (TVD)

Reference Elevations: 1841.00 ft (KB)

Total Depth: 3292.00 ft (KB) (TVD)

1836.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8524 Outside

Press@RunDepth: 967.90 psig @ 3255.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.12.05 End Date: 2017.12.05

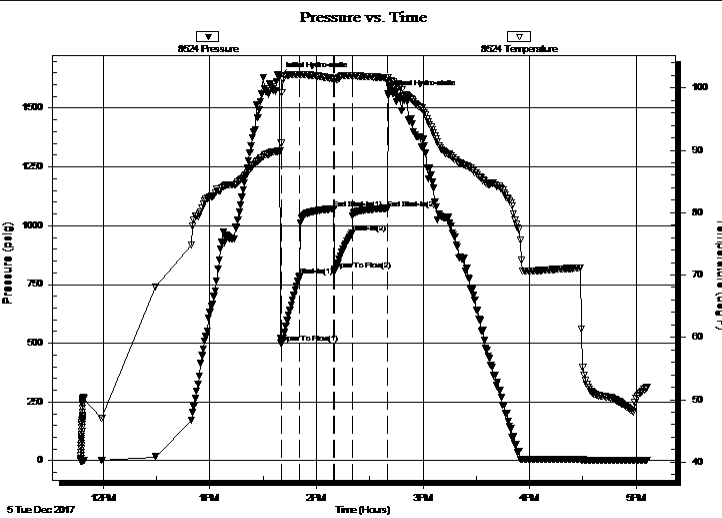
Last Calib.: 2017.12.05

Start Time: 11:47:09 End Time: 17:06:14

Time On Btm: 2017.12.05 @ 13:38:59

Time Off Btm: 2017.12.05 @ 14:40:14

TEST COMMENT: 15- IF- BOB 10 secs
15- IS- Surface blow died 1 min
15- FF- BOB 20 secs
15- FS- Surface blow died 1 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1634.83	89.95	Initial Hydro-static
1	498.43	91.11	Open To Flow (1)
12	785.65	102.12	Shut-In(1)
31	1071.58	101.52	End Shut-In(1)
32	810.82	101.38	Open To Flow (2)
41	967.90	101.99	Shut-In(2)
61	1073.91	101.56	End Shut-In(2)
62	1559.13	101.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1521.00	MW, 15%M 85%W	21.56
570.00	WM, 10%W 90 %M	8.08

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63326

DST#: 5

ATTN: Brad Hutchison

Test Start: 2017.12.05 @ 11:47:08

Tool Information

Drill Pipe:	Length: 3233.00 ft	Diameter: 3.82 inches	Volume: 45.83 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: 65000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 55.00 lb
Depth to Top Packer:	3250.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	62.00 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			3231.00	
Shut In Tool	5.00			3236.00	
Hydraulic tool	5.00			3241.00	
Packer	5.00			3246.00	20.00 Bottom Of Top Packer
Packer	4.00			3250.00	
Stubb	1.00			3251.00	
Perforations	4.00			3255.00	
Recorder	0.00	6771	Inside	3255.00	
Recorder	0.00	8524	Outside	3255.00	
Change Over Sub	1.00			3256.00	
Drill Pipe	32.00			3288.00	
Change Over Sub	1.00			3289.00	
Bullnose	3.00			3292.00	42.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Corp.

3-15S-12W Russell, KS

PO Box 837
Russell, KS 67665

Alvin Soukup Jr. #1

Job Ticket: 63326

DST#: 5

ATTN: Brad Hutchison

Test Start: 2017.12.05 @ 11:47:08

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:

23000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1521.00	MW, 15%M 85%W	21.561
570.00	WM, 10%W 90 %M	8.080

Total Length: 2091.00 ft Total Volume: 29.641 bbl

Num Fluid Samples: 0

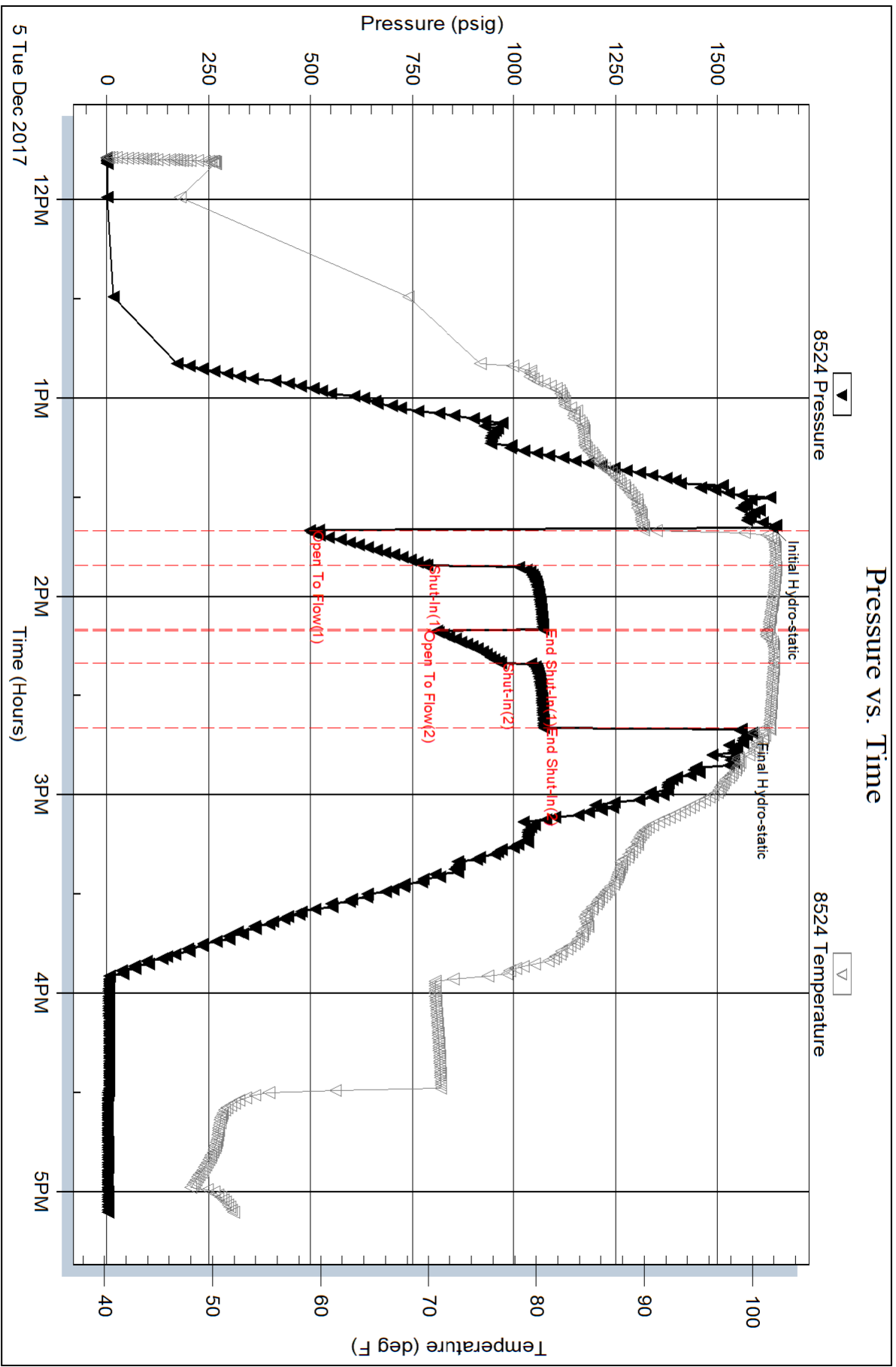
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .40@51deg



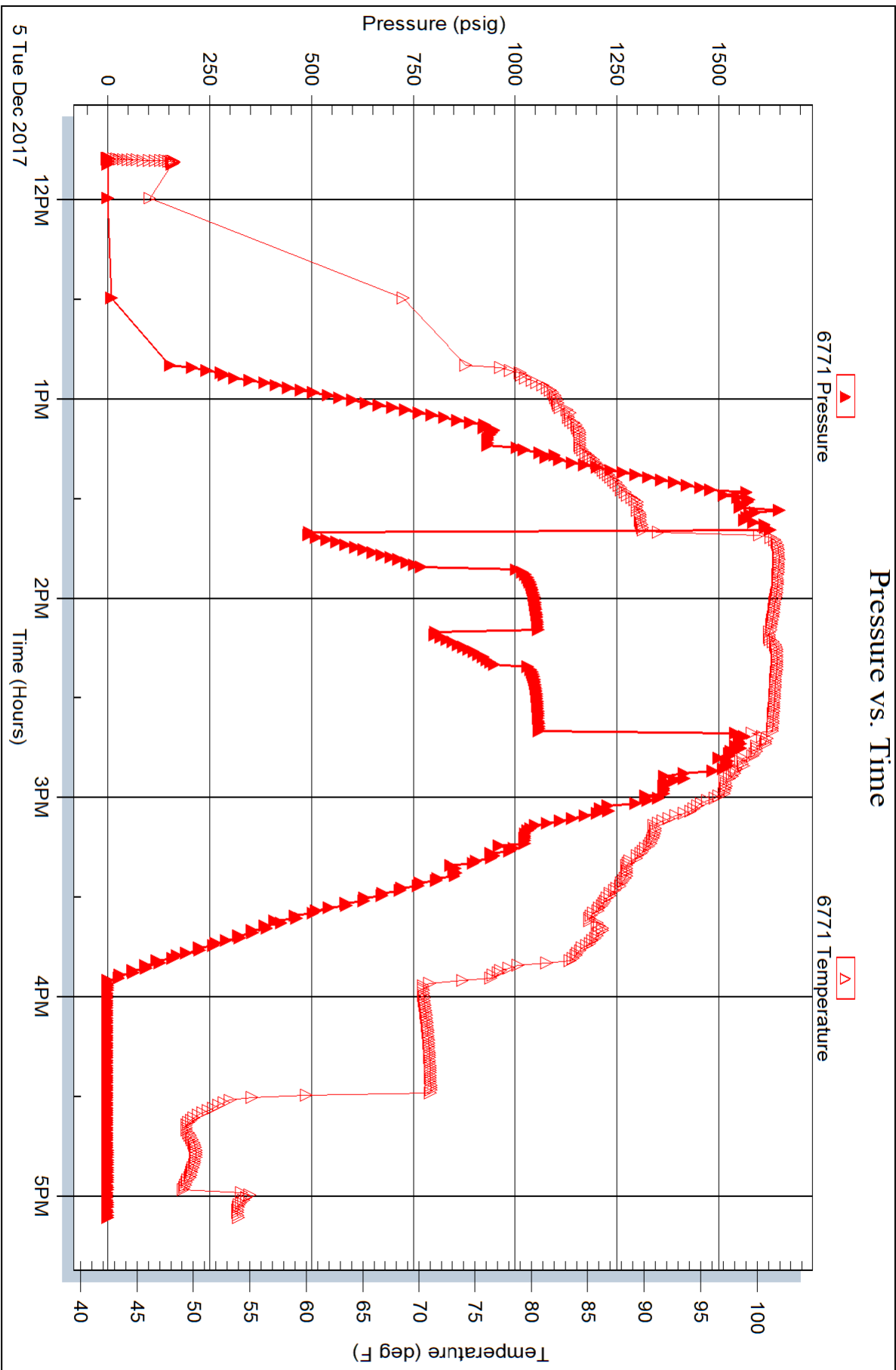
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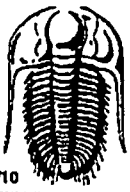
Inside

Prospect Oil & Gas Corp.

Alvin Soukup Jr. #1

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63122

Well Name & No. Alvin Soukup Jr. #1 Test No. 1 Date 12/2/17
 Company Prospect Oil & Gas Corp. Elevation 1841 KB 1836 GL
 Address PO Box 837 Russell, KS 67665
 Co. Rep / Geo. Brad Hutchison Rig Royal #1
 Location: Sec. 3 Twp. 15 S Rge. 12 W Co. Russell State KS

Interval Tested 2830-2920 Zone Tested Topeka-Toronto
 Anchor Length 90' Drill Pipe Run 2824 Mud Wt. 8.6
 Top Packer Depth 2825 Drill Collars Run --- Vis 55
 Bottom Packer Depth 2830 Wt. Pipe Run --- WL 8.0
 Total Depth 2920 Chlorides 3900 ppm System LCM 1/2"
 Blow Description IF - BOB 12 mins
ISI - No flow
FF - BOB 13 mins
FSI - No flow

Rec	Feet of	%gas	%oil	%water	%mud
<u>III</u>	<u>M</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

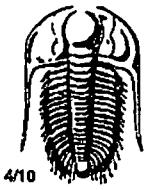
Rec Total III' BHT 91° Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic <u>1348</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>1833</u>
(B) First Initial Flow <u>38</u>	<input type="checkbox"/> Jars <u>---</u>	T-Started <u>1837</u>
(C) First Final Flow <u>53</u>	<input type="checkbox"/> Safety Joint <u>---</u>	T-Open <u>2134</u>
(D) Initial Shut-In <u>799</u>	<input type="checkbox"/> Circ Sub <u>---</u>	T-Pulled <u>0034</u>
(E) Second Initial Flow <u>54</u>	<input type="checkbox"/> Hourly Standby <u>---</u>	T-Out <u>0234</u>
(F) Second Final Flow <u>77</u>	<input checked="" type="checkbox"/> Mileage <u>82 RT</u> 61.50	Comments <u>EM Tool</u>
(G) Final Shut-In <u>836</u>	<input type="checkbox"/> Sampler <u>---</u>	
(H) Final Hydrostatic <u>1330</u>	<input type="checkbox"/> Straddle <u>---</u>	
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer <u>---</u>	<input type="checkbox"/> Ruined Shale Packer <u>---</u>
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer <u>---</u>	<input type="checkbox"/> Ruined Packer <u>---</u>
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder <u>---</u>	<input type="checkbox"/> Extra Copies <u>---</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby <u>---</u>	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility <u>---</u>	Total <u>1111.50</u>
	Sub Total <u>1111.50</u>	MP/DST Disc't <u>---</u>

Approved By _____

Our Representative

Brannan Lonsdale



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63123

Well Name & No. Alvin Soukup Jr. #1 Test No. 2 Date 12/3/17
 Company Prospect Oil & Gas Corp. Elevation 1841 KB 1836 GL
 Address PO Box 837 Russell KS 67665
 Co. Rep / Geo. Brad Hutchison Rig Royal #1
 Location: Sec. 3 Twp. 15 S Rge. 12 W Co. Russell State KS

Interval Tested 3010 - 3030 Zone Tested _____
 Anchor Length 20' Drill Pipe Run 3014 Mud Wt. 8.75
 Top Packer Depth 3005 Drill Collars Run _____ Vis 52
 Bottom Packer Depth 3010 Wt. Pipe Run _____ WL 8.8
 Total Depth 3030 Chlorides 6500 ppm System LCM 1/2

Blow Description IF-BOB 6mins
ISI - No blow
FF-BOB instantly
FST - weak surface blow died in 3 mins

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>HOCM</u>		<u>35</u>		<u>65</u>
Rec	Feet of <u>250' GIP</u>	%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 65' BHT 92° Gravity 36 API RW _____ @ _____ °F Chlorides _____ ppm

- (A) Initial Hydrostatic 1442
- (B) First Initial Flow 18
- (C) First Final Flow 25
- (D) Initial Shut-In 635
- (E) Second Initial Flow 24
- (F) Second Final Flow 33
- (G) Final Shut-In 603
- (H) Final Hydrostatic 1429

- Test 1050
- Jars _____
- Safety Joint _____
- Circ Sub _____
- Hourly Standby _____
- Mileage 82 RT 61.50
- Sampler _____
- Straddle _____
- Shale Packer _____
- Extra Packer _____
- Extra Recorder _____
- Day Standby _____
- Accessibility _____
- Sub Total 1111.50

- T-On Location 1100
- T-Started 1109
- T-Open 1241
- T-Pulled 1441
- T-Out 1607

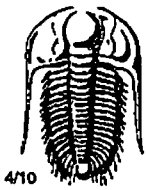
- Comments _____
- Ruined Shale Packer _____
- Ruined Packer _____
- Extra Copies _____
- Sub Total 0
- Total 1111.50
- MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Approved By _____

Our Representative

Brannan Lonsdale



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63124

Well Name & No. Alvin Soukup Jr. #1 Test No. 3 Date 12/3/17
 Company Prospect Oil & Gas Corp. Elevation 1841 KB 1836 GL
 Address PO Box 837 Russell, KS 67665
 Co. Rep / Geo. Brad Hutchison Rig Royal #1
 Location: Sec. 3 Twp. 15 S Rge. 12 W Co. Russell State KS

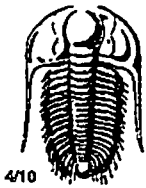
Interval Tested 3050-3070 Zone Tested _____
 Anchor Length 20' Drill Pipe Run 3046 Mud Wt. 8.25
 Top Packer Depth 3045 Drill Collars Run — Vis 52
 Bottom Packer Depth 3050 Wt. Pipe Run — WL 8.8
 Total Depth 3070 Chlorides 6,500 ppm System LCM 1/2"
 Blow Description IF - Slowly built to 4 1/2"
ISF - No blow
PF - Slowly built to 1"
PST - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>MW</u>			<u>65</u>	<u>35</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 150 BHT 95° Gravity — API RW .14 @ 62° F Chlorides 53,000 ppm
 (A) Initial Hydrostatic 1480 Test 1050 T-On Location 2227
 (B) First Initial Flow 24 Jars _____ T-Started 2239
 (C) First Final Flow 59 Safety Joint _____ T-Open 0009
 (D) Initial Shut-In 414 Circ Sub _____ T-Pulled 0309
 (E) Second Initial Flow 62 Hourly Standby _____ T-Out 0453
 (F) Second Final Flow 92 Mileage 82 RT 61.50 Comments _____
 (G) Final Shut-In 410 Sampler _____
 (H) Final Hydrostatic 1461 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1111.50
 Sub Total 1111.50

Approved By _____

Our Representative
Brannan Lonsdale



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63125

Well Name & No. Alvin Soukup Tr. #1 Test No. 4 Date 12/4/17
 Company Prospect Oil & Gas Corp. Elevation 1841 KB 1836 GL
 Address PO Box 837 Russell, KS 67665
 Co. Rep / Geo. Brad Hutchison Rig Royal #1
 Location: Sec. 3 Twp. 15 S Rge. 12 W. Co. Russell State KS

Interval Tested 3072-3083 Zone Tested _____
 Anchor Length 11' Drill Pipe Run 3078 Mud Wt. 8.75
 Top Packer Depth 3067 Drill Collars Run _____ Vis 5.2
 Bottom Packer Depth 3072 Wt. Pipe Run _____ WL 8.8
 Total Depth 3083 Chlorides 6500 ppm System LCM 1/2"

Blow Description IF- BOB 19 mins
ISI- Weak surface blow
FF- BOB 20 mins w/ 4" initial surge
FST- No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>45</u>	<u>H.M.C.O</u>		<u>55</u>		<u>45</u>
	<u>205' GIP</u>				

Rec Total 45' BHT 92° Gravity 34 API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 1495 Test 1050 T-On Location 0855
 (B) First Initial Flow 22 Jars _____ T-Started 0907
 (C) First Final Flow 26 Safety Joint _____ T-Open 1043
 (D) Initial Shut-In 340 Circ Sub _____ T-Pulled 1343
 (E) Second Initial Flow 26 Hourly Standby _____ T-Out 1514
 (F) Second Final Flow 38 Mileage 82 RT 61.50 Comments _____
 (G) Final Shut-In 648 Sampler _____
 (H) Final Hydrostatic 1481 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____

Initial Open 30 Extra Packer _____
 Initial Shut-In 30 Extra Recorder _____
 Final Flow 60 Day Standby _____
 Final Shut-In 60 Accessibility _____
 Sub Total 1111.50

Approved By _____ Our Representative Brannan Lonsdale



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63326

Well Name & No. Alvin Soukup Jr. #1 Test No. 5 Date 12/5/17
 Company Prospect Oil & Gas Corp. Elevation 1841 KB 1836 GL
 Address PO Box 837 Russell, KS 67665
 Co. Rep / Geo. Brad Hutchison Rig Royal #1
 Location: Sec. 3 Twp 15 Rge. 12 W Co. Russell State KS

Interval Tested 3250-3292 Zone Tested _____
 Anchor Length 42' Drill Pipe Run 3233 Mud Wt. 9.2
 Top Packer Depth 3245 Drill Collars Run _____ Vis 58
 Bottom Packer Depth 3250 Wt. Pipe Run _____ WL 9.6
 Total Depth 3292 Chlorides 8,400 ppm System LCM Tc

Blow Description IF - BOB 10 secs
PSI - Surface blow died 1 min
FF - BOB 20 secs
PSI - Surface blow died 1 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>1521</u>	<u>MW</u>			<u>10</u>	<u>90</u>
<u>570</u>	<u>WM</u>			<u>10</u>	<u>90</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Rec Total 2091' BHT 102° Gravity _____ API RW .40 @ 51° F Chlorides 23,000 ppm

(A) Initial Hydrostatic 1635 Test 1050 T-On Location 1137
 (B) First Initial Flow 498 Jars _____ T-Started 1147
 (C) First Final Flow 786 Safety Joint _____ T-Open 1339
 (D) Initial Shut-In 1072 Circ Sub _____ T-Pulled 1439
 (E) Second Initial Flow 811 Hourly Standby _____ T-Out 1707
 (F) Second Final Flow 968 Mileage 82 RT 61.50 Comments _____
 (G) Final Shut-In 1074 Sampler _____
 (H) Final Hydrostatic 1559 Straddle _____ Ruined Shale Packer _____

Initial Open 15 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 15 Extra Packer _____ Extra Copies _____
 Final Flow 15 Extra Recorder _____ Sub Total 0
 Final Shut-In 15 Day Standby _____ Total 1111.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1111.50

Approved By _____ Our Representative Brannan Lonsdale

Triobite Testing Inc. shall not be liable for damaged or 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.