



## DRILL STEM TEST REPORT

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

P.O. Box 837  
Russell, KS 67665

ATTN: Brad Hutchison

### **Rose/Sis Unit #1**

### **12-1s-34w Rawlins,KS**

Start Date: 2016.09.12 @ 08:03:21

End Date: 2016.09.12 @ 13:01:51

Job Ticket #: 65511                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.09.14 @ 13:49:47

Prospect Oil & Gas Corp  
12-1s-34w Rawlins,KS  
Rose/Sis Unit #1  
DST # 1  
LKC A  
2016.09.12



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Prospect Oil & Gas Corp  
 P.O. Box 837  
 Russell, KS 67665  
 ATTN: Brad Hutchison

**12-1s-34w Rawlins, KS**  
**Rose/Sis Unit #1**  
 Job Ticket: 65511 **DST#: 1**  
 Test Start: 2016.09.12 @ 08:03:21

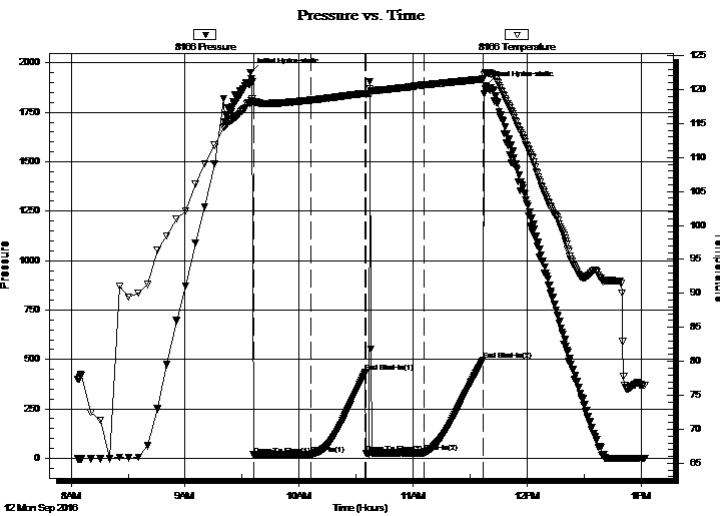
## GENERAL INFORMATION:

Formation: **LKC A**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 09:35:51  
 Time Test Ended: 13:01:51  
 Interval: **3930.00 ft (KB) To 4025.00 ft (KB) (TVD)**  
 Total Depth: 4025.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Brandon Turley  
 Unit No: 79  
 Reference Elevations: 3091.00 ft (KB)  
 3086.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 8166 Outside

Press@RunDepth: 28.54 psig @ 3931.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.09.12 End Date: 2016.09.12 Last Calib.: 2016.09.12  
 Start Time: 08:03:26 End Time: 13:01:50 Time On Btm: 2016.09.12 @ 09:34:21  
 Time Off Btm: 2016.09.12 @ 11:38:21

TEST COMMENT: IF: 1/4" blow died in 14 min.  
 IS: No return.  
 FF: No blow. Flushed tool surface blow died in 6 min.  
 FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1952.13	118.10	Initial Hydro-static
2	17.05	118.18	Open To Flow (1)
32	20.10	118.44	Shut-In(1)
61	434.16	119.45	End Shut-In(1)
61	23.88	119.32	Open To Flow (2)
92	28.54	120.68	Shut-In(2)
123	496.58	121.54	End Shut-In(2)
124	1883.80	122.52	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud oil spots 100%m	0.02

## Gas Rates

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



# DRILL STEM TEST REPORT

Prospect Oil & Gas Corp

**12-1s-34w Rawlins, KS**

P.O. Box 837  
Russell, KS 67665

**Rose/Sis Unit #1**

ATTN: Brad Hutchison

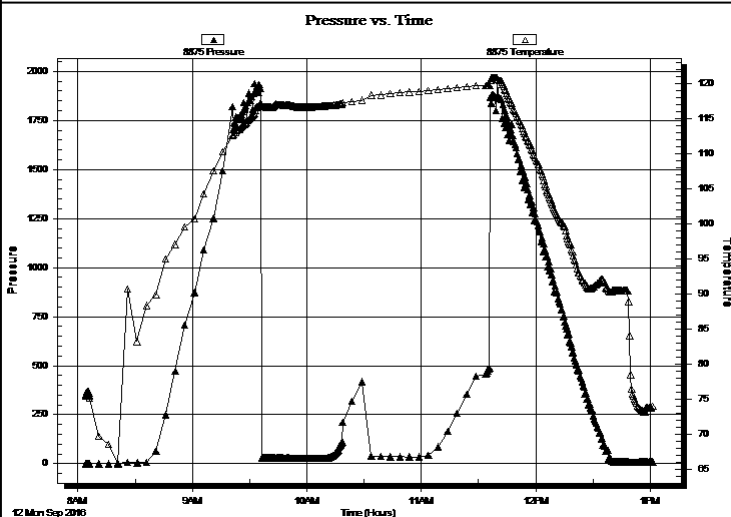
Job Ticket: 65511 **DST#: 1**  
Test Start: 2016.09.12 @ 08:03:21

## GENERAL INFORMATION:

Formation: **LKC A**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 09:35:51  
 Time Test Ended: 13:01:51  
 Interval: **3930.00 ft (KB) To 4025.00 ft (KB) (TVD)**  
 Total Depth: 4025.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Brandon Turley  
 Unit No: 79  
 Reference Elevations: 3091.00 ft (KB)  
 3086.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8875** Inside  
 Press@RunDepth: psig @ 3931.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.09.12 End Date: 2016.09.12 Last Calib.: 2016.09.12  
 Start Time: 08:04:01 End Time: 13:01:14 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** IF: 1/4" blow died in 14 min.  
 IS: No return.  
 FF: No blow. Flushed tool surface blow died in 6 min.  
 FS: No return.



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud oil spots 100%m	0.02

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Prospect Oil & Gas Corp

**12-1s-34w Rawlins,KS**

P.O. Box 837  
Russell, KS 67665

**Rose/Sis Unit #1**

Job Ticket: 65511

**DST#: 1**

ATTN: Brad Hutchison

Test Start: 2016.09.12 @ 08:03:21

## Tool Information

Drill Pipe:	Length: 3792.00 ft	Diameter: 3.80 inches	Volume: 53.19 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 53.79 bbl</u>	Tool Chased 6.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3930.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	95.00 ft			
Tool Length:	122.00 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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Stubb	1.00			3904.00	
Shut In Tool	5.00			3909.00	
Hydraulic tool	5.00			3914.00	
Jars	5.00			3919.00	
Safety Joint	2.00			3921.00	
Packer	5.00			3926.00	27.00 Bottom Of Top Packer
Packer	4.00			3930.00	
Stubb	1.00			3931.00	
Recorder	0.00	8875	Inside	3931.00	
Recorder	0.00	8166	Outside	3931.00	
Perforations	23.00			3954.00	
Change Over Sub	1.00			3955.00	
Drill Pipe	64.00			4019.00	
Change Over Sub	1.00			4020.00	
Bullnose	5.00			4025.00	95.00 Bottom Packers & Anchor

**Total Tool Length: 122.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Prospect Oil & Gas Corp

**12-1s-34w Rawlins,KS**

P.O. Box 837  
Russell, KS 67665

**Rose/Sis Unit #1**

Job Ticket: 65511

**DST#: 1**

ATTN: Brad Hutchison

Test Start: 2016.09.12 @ 08:03:21

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.37 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud oil spots 100%m	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

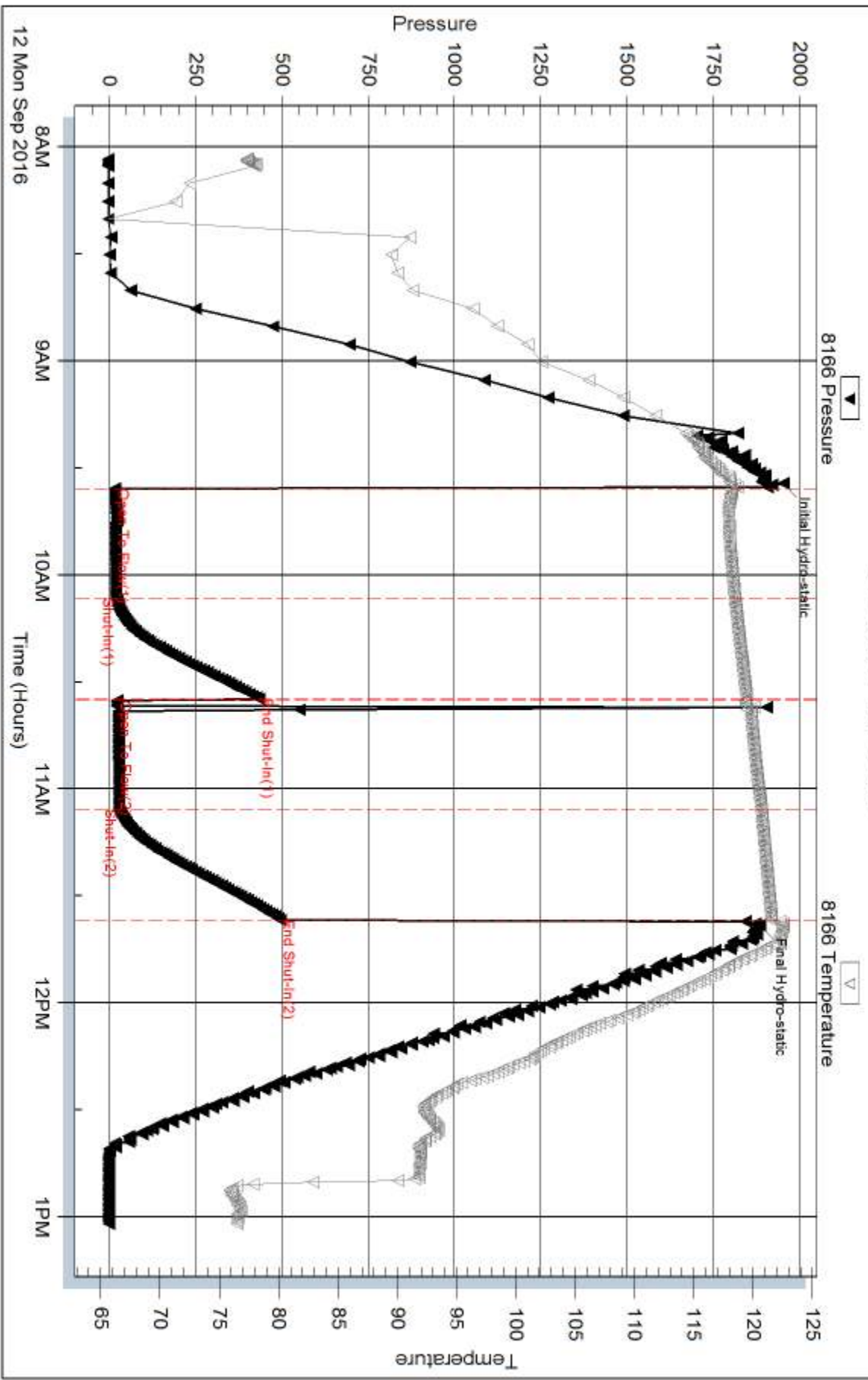
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



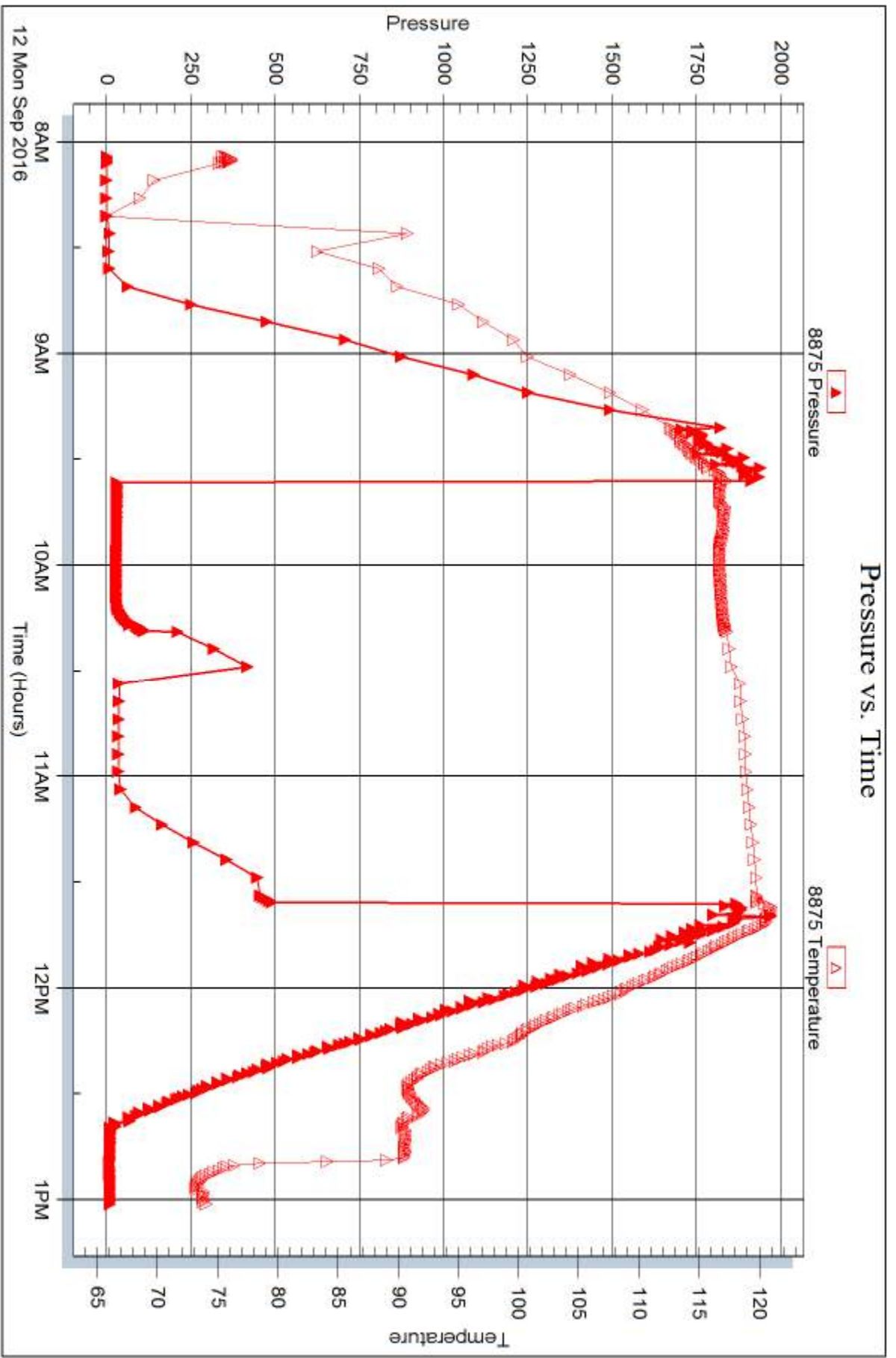
Serial #: 8875

Inside

Prospect Oil & Gas Corp

Rose/Ss Unit #1

DST Test Number: 1





## DRILL STEM TEST REPORT

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

P.O. Box 837  
Russell, KS 67665

ATTN: Brad Hutchison

### **Rose/Sis Unit #1**

### **12-1s-34w Rawlins,KS**

Start Date: 2016.09.13 @ 00:25:46

End Date: 2016.09.13 @ 07:25:46

Job Ticket #: 65512                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.09.14 @ 13:47:56

Prospect Oil & Gas Corp  
12-1s-34w Rawlins,KS  
Rose/Sis Unit #1  
DST # 2  
LKC B-C  
2016.09.13





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Prospect Oil & Gas Corp  
 P.O. Box 837  
 Russell, KS 67665  
 ATTN: Brad Hutchison

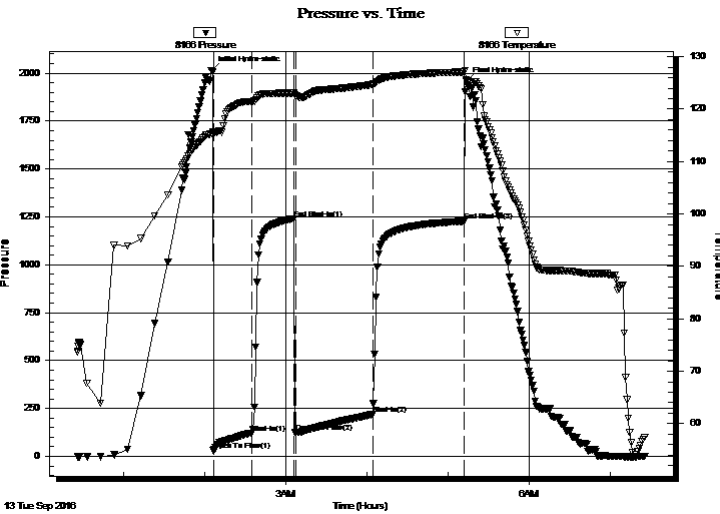
**12-1s-34w Rawlins, KS**  
**Rose/Sis Unit #1**  
 Job Ticket: 65512 **DST#: 2**  
 Test Start: 2016.09.13 @ 00:25:46

## GENERAL INFORMATION:

Formation: **LKC B-C**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 02:06:16  
 Time Test Ended: 07:25:46  
 Interval: **4025.00 ft (KB) To 4130.00 ft (KB) (TVD)**  
 Total Depth: 4130.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brandon Turley  
 Unit No: 79  
 Reference Elevations: 3091.00 ft (KB)  
 3086.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8166 Outside**  
 Press@RunDepth: 218.12 psig @ 4026.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.09.13 End Date: 2016.09.13 Last Calib.: 2016.09.13  
 Start Time: 00:25:51 End Time: 07:25:45 Time On Btm: 2016.09.13 @ 02:04:46  
 Time Off Btm: 2016.09.13 @ 05:13:46

TEST COMMENT: IF: BOB in 10 min.  
 IS: No return.  
 FF: BOB in 8 min.  
 FS: BOB in 15 min.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2014.39	115.26	Initial Hydro-static
2	28.79	115.30	Open To Flow (1)
30	121.94	121.48	Shut-In(1)
61	1240.33	123.05	End Shut-In(1)
63	124.56	122.50	Open To Flow (2)
120	218.12	124.71	Shut-In(2)
187	1227.48	127.08	End Shut-In(2)
189	1958.01	125.65	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
126.00	ocm 20%o 80%m	0.67
189.00	gocm 30%g 30%o 40%m	2.65
239.00	go 20%g 80%o	3.35
0.00	580 GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Prospect Oil & Gas Corp

**12-1s-34w Rawlins, KS**

P.O. Box 837  
Russell, KS 67665

**Rose/Sis Unit #1**

Job Ticket: 65512      **DST#: 2**

ATTN: Brad Hutchison

Test Start: 2016.09.13 @ 00:25:46

### GENERAL INFORMATION:

Formation: **LKC B-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:06:16

Time Test Ended: 07:25:46

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

**Interval: 4025.00 ft (KB) To 4130.00 ft (KB) (TVD)**

Reference Elevations: 3091.00 ft (KB)

Total Depth: 4130.00 ft (KB) (TVD)

3086.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8875      Inside**

Press@RunDepth: psig @ 4026.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.09.13      End Date: 2016.09.13

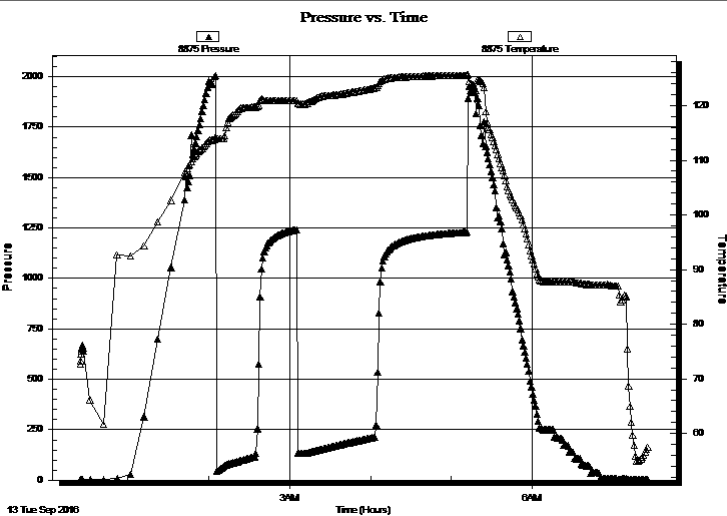
Last Calib.: 2016.09.13

Start Time: 00:25:18      End Time: 07:25:12

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB in 10 min.  
IS: No return.  
FF: BOB in 8 min.  
FS: BOB in 15 min.



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
126.00	ocm 20%o 80%m	0.67
189.00	gocm 30%g 30%o 40%m	2.65
239.00	go 20%g 80%o	3.35
0.00	580 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

**12-1s-34w Rawlins,KS**

P.O. Box 837  
Russell, KS 67665

**Rose/Sis Unit #1**

Job Ticket: 65512

**DST#: 2**

ATTN: Brad Hutchison

Test Start: 2016.09.13 @ 00:25:46

## Tool Information

Drill Pipe:	Length: 3894.00 ft	Diameter: 3.80 inches	Volume: 54.62 bbl	Tool Weight: 2000.00 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: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 55.22 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4025.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	105.00 ft			
Tool Length:	125.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4006.00	
Shut In Tool	5.00			4011.00	
Hydraulic tool	5.00			4016.00	
Packer	5.00			4021.00	20.00 Bottom Of Top Packer
Packer	4.00			4025.00	
Stubb	1.00			4026.00	
Recorder	0.00	8875	Inside	4026.00	
Recorder	0.00	8166	Outside	4026.00	
Perforations	3.00			4029.00	
Change Over Sub	1.00			4030.00	
Drill Pipe	94.00			4124.00	
Change Over Sub	1.00			4125.00	
Bullnose	5.00			4130.00	105.00 Bottom Packers & Anchor

**Total Tool Length: 125.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Prospect Oil & Gas Corp

**12-1s-34w Rawlins,KS**

P.O. Box 837  
Russell, KS 67665

**Rose/Sis Unit #1**

Job Ticket: 65512

**DST#: 2**

ATTN: Brad Hutchison

Test Start: 2016.09.13 @ 00:25:46

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.36 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
126.00	ocm 20%o 80%m	0.665
189.00	gocm 30%g 30%o 40%m	2.651
239.00	go 20%g 80%o	3.353
0.00	580 GIP	0.000

Total Length: 554.00 ft

Total Volume: 6.669 bbl

Num Fluid Samples: 0

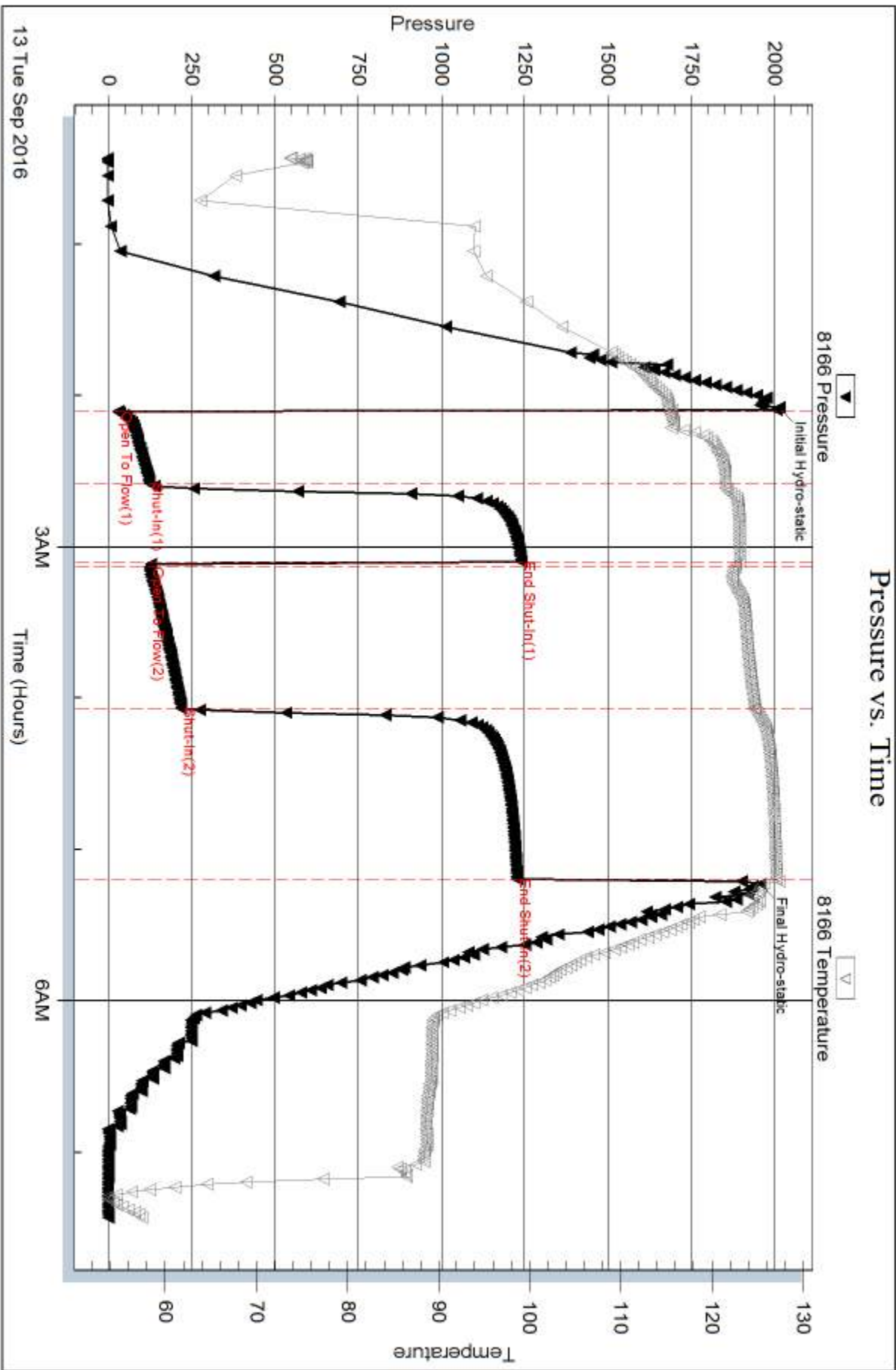
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 35@60=35



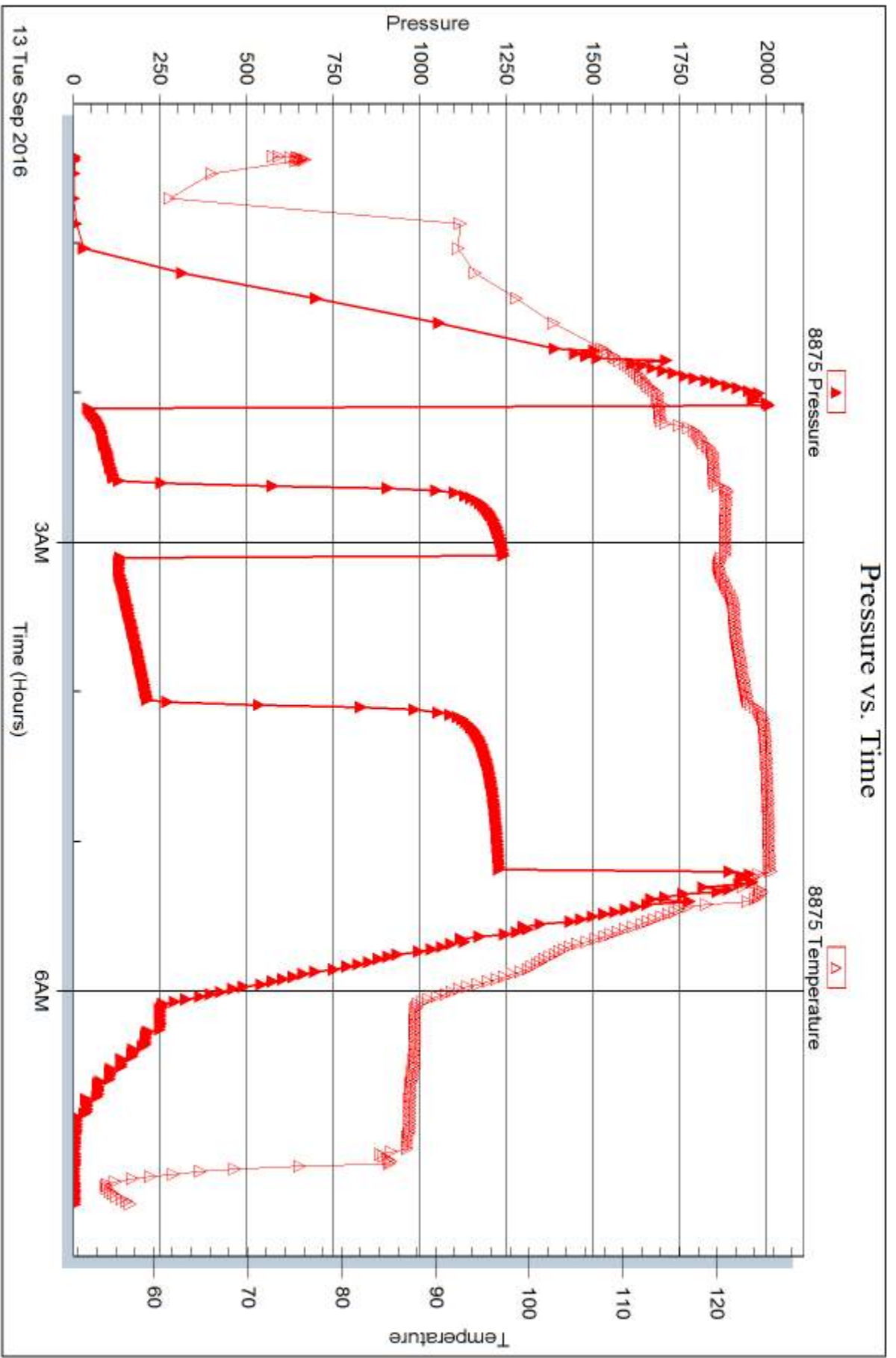
Serial #: 8875

Inside

Prospect Oil & Gas Corp

Rose/Ss Unit #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 65512

Printed: 2016.09.14 @ 13:47:58



## DRILL STEM TEST REPORT

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

P.O. Box 837  
Russell, KS 67665

ATTN: Brad Hutchison

### **Rose/Sis Unit #1**

#### **12-1s-34w Rawlins,KS**

Start Date: 2016.09.13 @ 18:31:00

End Date: 2016.09.14 @ 01:11:00

Job Ticket #: 63114                      DST #: 3

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.09.14 @ 13:47:16



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Prospect Oil & Gas Corp

**12-1s-34w Rawlins,KS**

P.O. Box 837  
Russell, KS 67665

**Rose/Sis Unit #1**

Job Ticket: 63114

**DST#: 3**

ATTN: Brad Hutchison

Test Start: 2016.09.13 @ 18:31:00

## GENERAL INFORMATION:

Formation: **LKC " D - E "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:01:45

Time Test Ended: 01:11:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

**Interval: 4130.00 ft (KB) To 4225.00 ft (KB) (TVD)**

Reference Elevations: 3091.00 ft (KB)

Total Depth: 4225.00 ft (KB) (TVD)

3086.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8289 Outside**

Press@RunDepth: 150.70 psig @ 4131.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.09.13

End Date:

2016.09.14

Last Calib.:

2016.09.14

Start Time: 18:31:02

End Time:

01:11:00

Time On Btm:

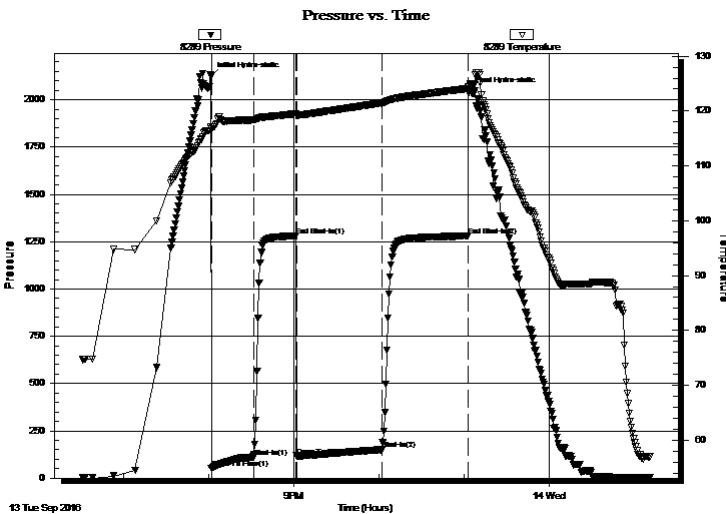
2016.09.13 @ 20:01:30

Time Off Btm:

2016.09.13 @ 23:03:00

**TEST COMMENT:** 30-IFP- Surface Blow Building to 6"  
30-ISIP- No Blow  
60-FFP- BOB in 60 min.  
60-FSIP- Surface Blow in 3 min. Died in 30 min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2124.75	117.08	Initial Hydro-static
1	52.30	116.68	Open To Flow (1)
30	112.23	118.39	Shut-In(1)
60	1281.41	119.51	End Shut-In(1)
61	117.28	119.21	Open To Flow (2)
121	150.70	121.47	Shut-In(2)
181	1279.12	124.10	End Shut-In(2)
182	2043.92	124.35	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
61.00	GOMCW 5%o 10%g 40%m 45%w	0.30
60.00	GOWCM 5%g 5%o 10%w 80%m	0.30
63.00	OWCM 5%o 25%w 70%m	0.88
4.00	OCM 40%o 60%m	0.06
40.00	CO 100%	0.56
0.00	GIP 80ft.	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

**12-1s-34w Rawlins,KS**

P.O. Box 837  
Russell, KS 67665

**Rose/Sis Unit #1**

Job Ticket: 63114

**DST#: 3**

ATTN: Brad Hutchison

Test Start: 2016.09.13 @ 18:31:00

## Tool Information

Drill Pipe:	Length: 4013.00 ft	Diameter: 3.80 inches	Volume: 56.29 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 56.89 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	4130.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	95.00 ft			
Tool Length:	115.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			4111.00	
Shut In Tool	5.00			4116.00	
Hydraulic tool	5.00			4121.00	
Packer	5.00			4126.00	20.00 Bottom Of Top Packer
Packer	4.00			4130.00	
Stubb	1.00			4131.00	
Recorder	0.00	8789	Inside	4131.00	
Recorder	0.00	8289	Outside	4131.00	
Perforations	1.00			4132.00	
Change Over Sub	1.00			4133.00	
Drill Pipe	63.00			4196.00	
Change Over Sub	1.00			4197.00	
Perforations	25.00			4222.00	
Bullnose	3.00			4225.00	95.00 Bottom Packers & Anchor

**Total Tool Length: 115.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Prospect Oil & Gas Corp

**12-1s-34w Rawlins,KS**

P.O. Box 837  
Russell, KS 67665

**Rose/Sis Unit #1**

Job Ticket: 63114

**DST#: 3**

ATTN: Brad Hutchison

Test Start: 2016.09.13 @ 18:31:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

49000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 4.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
61.00	GOMCW 5%o 10%g 40%m 45%w	0.300
60.00	GOWCM 5%g 5%o 10%w 80%m	0.295
63.00	OWCM 5%o 25%w 70%m	0.884
4.00	OCM 40%o 60%m	0.056
40.00	CO 100%	0.561
0.00	GIP 80ft.	0.000

Total Length: 228.00 ft

Total Volume: 2.096 bbl

Num Fluid Samples: 0

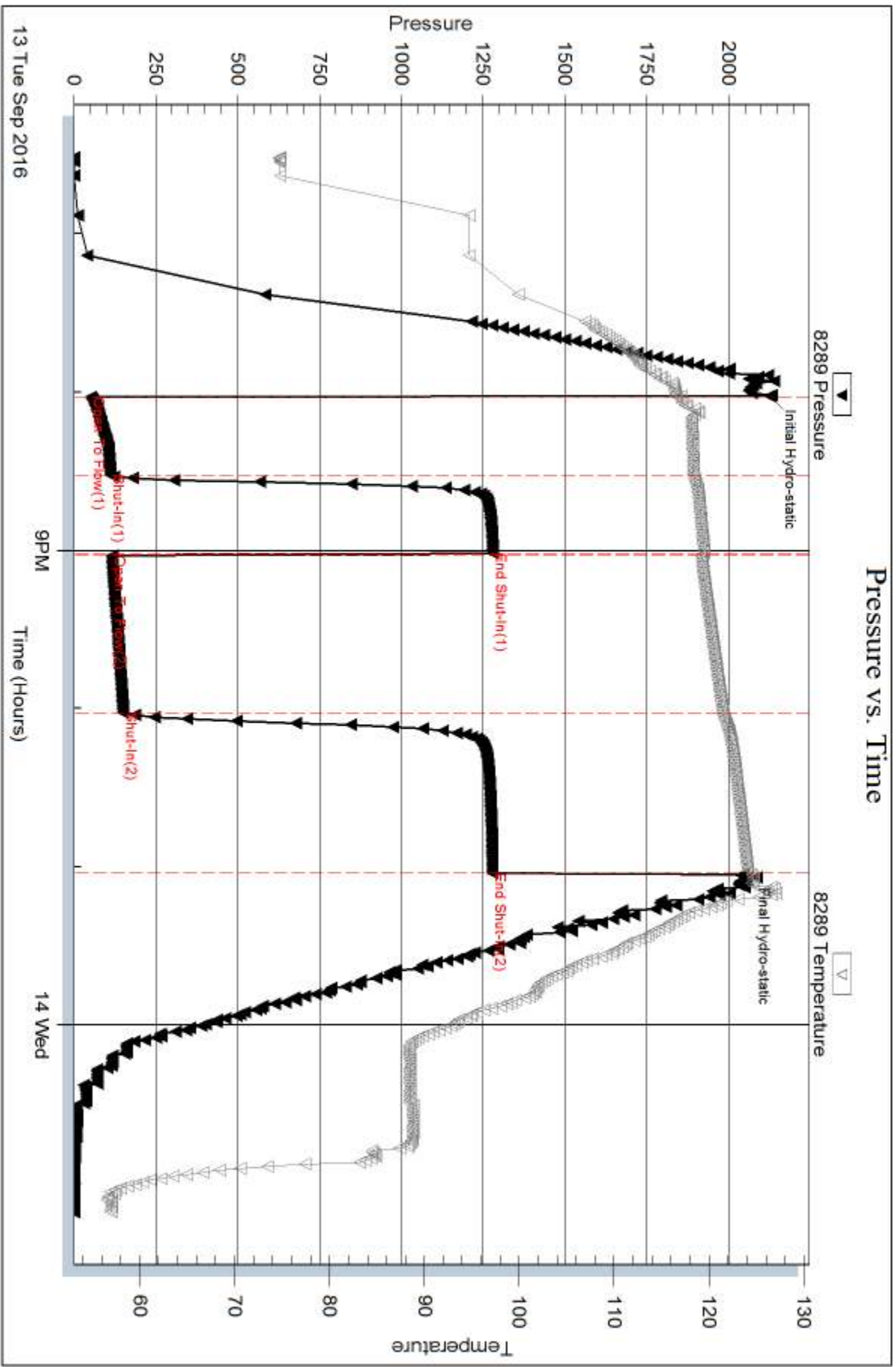
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .204 @ 53



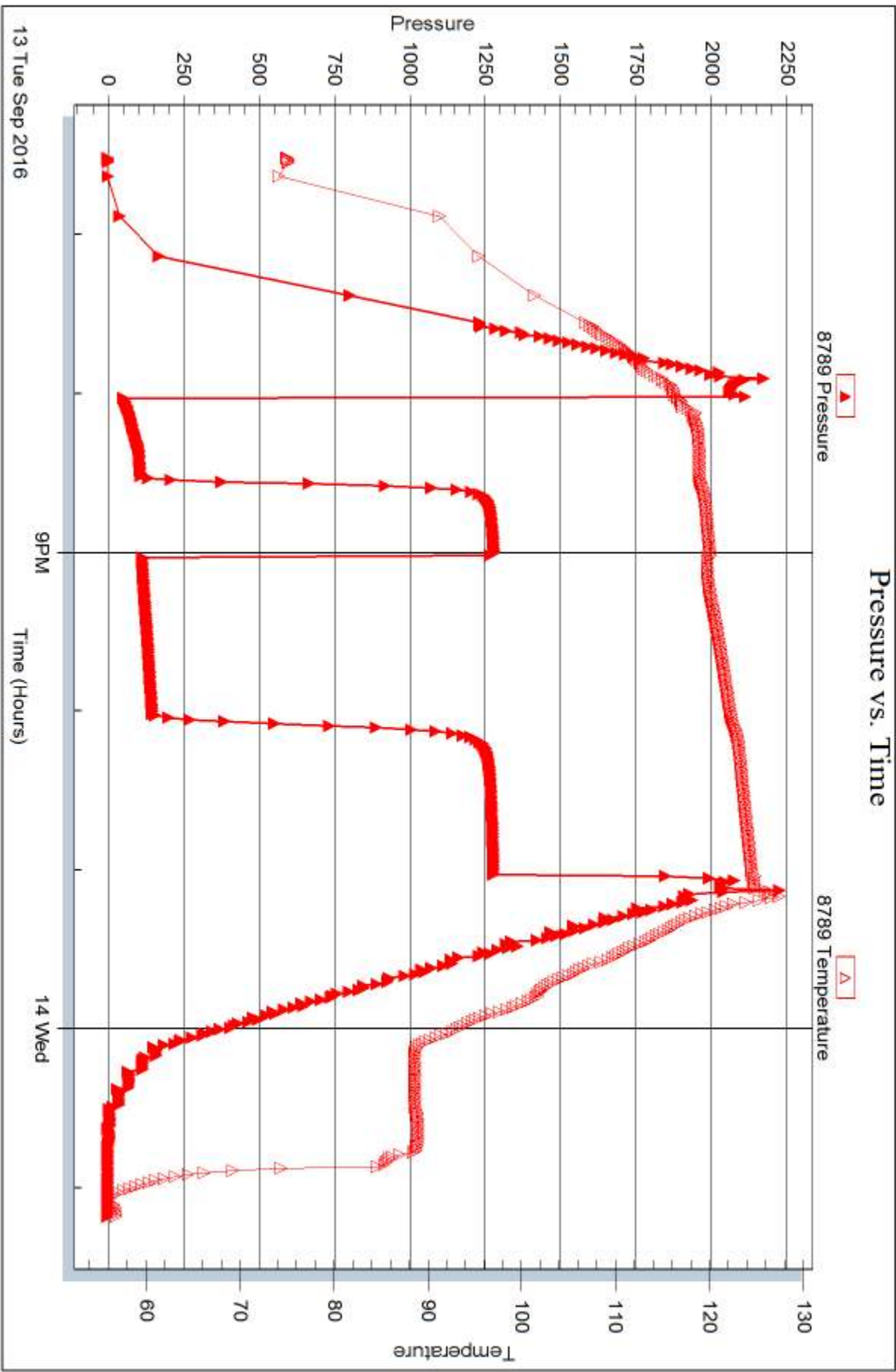
Serial #: 8789

Inside

Prospect Oil & Gas Corp

Rose/Ss Unit #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 63114

Printed: 2016.09.14 @ 13:47:18



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65511**

Well Name & No. Rose 15's unit #1 Test No. 1 Date 9-12-16  
 Company Prospect Oil Gas Corp Elevation 3096 KB 3086 GL  
 Address P.O. Box 837 Russell, KS 67665  
 Co. Rep / Geo. Brad Hutchison Rig WW #10  
 Location: Sec. 12 Twp. 15 Rge. 34W Co. Rawlins State KS

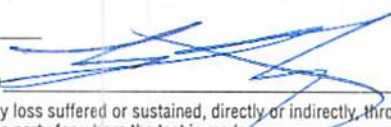
Interval Tested 3930 4025 Zone Tested A  
 Anchor Length 95 Drill Pipe Run 3792 Mud Wt. 8.9  
 Top Packer Depth 3925 Drill Collars Run 121 Vis #51  
 Bottom Packer Depth 3930 Wt. Pipe Run --- WL #6.4  
 Total Depth 4025 Chlorides 1100 ppm System LCM 5

Blow Description IF: 1/4 blow died in 14 min.  
IS: No return.  
FF: No blow. Flushed tool surface blow died in 6 min.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud oil spots</u>			<u>100</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 5 BHT 121 Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 1952  Test 1150 T-On Location 2:50  
 (B) First Initial Flow 17  Jars 250 T-Started 8:03  
 (C) First Final Flow 20  Safety Joint 75 T-Open 9:35  
 (D) Initial Shut-In 434  Circ Sub N/C T-Pulled 11:35  
 (E) Second Initial Flow 23  Hourly Standby 1h 80 T-Out 13:02  
 (F) Second Final Flow 28  Mileage 146 - 73.50 Comments on the bank  
 (G) Final Shut-In 496  Sampler 98rt at 4:00 A.M.  
 (H) Final Hydrostatic 1883  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Initial Open 30  Extra Recorder 0 Sub Total  
 Initial Shut-In 30  Day Standby 1628.50 Total  
 Final Flow 30  Accessibility --- MP/DST Disc't  
 Final Shut-In 30 Sub Total 1628.50

Approved By \_\_\_\_\_ Our Representative 

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. **65512**

Well Name & No. Rose/s's unit #1 Test No. 2 Date 9-12-16  
 Company Prospect oil & GAS Elevation 3091 KB 3086 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Brnd Hutchison Rig WW#10  
 Location: Sec. 12 Twp. 15 Rge. 34W Co. Rowlins State KS

Interval Tested 4025 4130 Zone Tested B-C  
 Anchor Length \_\_\_\_\_ 105 Drill Pipe Run 3894 Mud Wt. 8.9  
 Top Packer Depth \_\_\_\_\_ 4020 Drill Collars Run 121 Vis 51  
 Bottom Packer Depth \_\_\_\_\_ 4025 Wt. Pipe Run \_\_\_\_\_ WL 6.4  
 Total Depth \_\_\_\_\_ 4130 Chlorides 1100 ppm System LCM 5  
 Blow Description IF: BoB in 10 min.  
IS: No return.  
FF: BoB in 8 min.  
FS: BoB in 15 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>239</u>	<u>90</u>	<u>20</u>	<u>80</u>		
<u>189</u>	<u>90cm</u>	<u>30</u>	<u>30</u>	<u>40</u>	
<u>126</u>	<u>0cm</u>		<u>20</u>	<u>80</u>	
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of <u>580 GTP</u>	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 554 BHT 127 Gravity 35 API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm  
 (A) Initial Hydrostatic 2014  Test 1150 T-On Location 23:10  
 (B) First Initial Flow 28  Jars \_\_\_\_\_ T-Started 00:25  
 (C) First Final Flow 121  Safety Joint \_\_\_\_\_ T-Open 2:05  
 (D) Initial Shut-In 1240  Circ Sub NIL T-Pulled 5:05  
 (E) Second Initial Flow 124  Hourly Standby \_\_\_\_\_ T-Out 7:28  
 (F) Second Final Flow 218  Mileage 146 73.50  
 (G) Final Shut-In 1227  Sampler 98rt  
 (H) Final Hydrostatic 1958  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1223.50

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 60  
 Final Shut-In 60

Approved By [Signature] Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 63114

Well Name & No. Rose S's Unit #1 Test No. 3 Date 9-13-16  
 Company Prospect Oil & Gas Corp. Elevation 3091 KB 3086 GL  
 Address P.O. Box 837 Russell KS 67665  
 Co. Rep / Geo. Brad Hutchison Rig WW # 10  
 Location: Sec. 12 Twp. 15 Rge. 34W Co. RAWLINS State KS

Interval Tested 4130-4225 Zone Tested LKC "D+E"  
 Anchor Length 95 Drill Pipe Run 4013 Mud Wt. 9.0  
 Top Packer Depth 4125 Drill Collars Run 121 Vis 52  
 Bottom Packer Depth 4130 Wt. Pipe Run 0 WL 8.8  
 Total Depth 4225 Chlorides 1500 ppm System LCM 4

Blow Description IFP - Surface Blow Building to 6in.  
ISIP - No Blow  
FFP - BOR in 60min.  
FSIP - Surface Blow in 3min, Died in 30min.

Rec	Feet of	%gas	%oil	%water	%mud
61	20mcw	10	5	45	40
60	20wcm	5	5	10	80
63	0wcm	5	5	25	70
4	0cm	40	40		60
40	CO	100	100		

Rec Total 228 BHT 124 Gravity 30 API RW 204 @ 53 °F Chlorides 49000 ppm

(A) Initial Hydrostatic 2124  Test 1150 T-On Location 17:31  
 (B) First Initial Flow 52  Jars T-Started 18:31  
 (C) First Final Flow 112  Safety Joint T-Open 20:02  
 (D) Initial Shut-In 1281  Circ Sub T-Pulled 23:02  
 (E) Second Initial Flow 117  Hourly Standby T-Out 01:11  
 (F) Second Final Flow 150  Mileage 98 RT X 2 Comments \_\_\_\_\_  
 (G) Final Shut-In 1279  Sampler 73.50+73.50 \_\_\_\_\_  
 (H) Final Hydrostatic 2043  Straddle \_\_\_\_\_

Ruined Shale Packer  
 Shale Packer  
 Ruined Packer  
 Extra Packer  
 Extra Copies  
 Extra Recorder  
 Day Standby  
 Accessibility  
 Sub Total 1297  
 Sub Total 1297

Approved By \_\_\_\_\_ Our Representative [Signature]

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