

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 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](mailto: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<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name Top Datum |
|--|---|

| 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<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><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:<br><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:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> | PRODUCTION INTERVAL:<br>Top Bottom |
|---|---|------------------------------------|

| Shots Per Foot | Perforation Top | Perforation Bottom | Bridge Plug Type | Bridge Plug Set At | Acid, Fracture, Shot, Cementing Squeeze Record<br><i>(Amount and Kind of Material Used)</i> |
|----------------|-----------------|--------------------|------------------|--------------------|---|
|                |                 |                    |                  |                    |   |
|                |                 |                    |                  |                    |   |
|                |                 |                    |                  |                    |   |
|                |                 |                    |                  |                    |   |

|                |       |         |            |  |
|----------------|-------|---------|------------|--|
| TUBING RECORD: | Size: | Set At: | Packer At: |  |
|----------------|-------|---------|------------|--|



# 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. 911

|      |         |      |    |      |    |       |    |        |         |       |    |             |  |        |         |
|------|---------|------|----|------|----|-------|----|--------|---------|-------|----|-------------|--|--------|---------|
| Date | 7-24-18 | Sec. | 33 | Twp. | 14 | Range | 15 | County | Russell | State | Ks | On Location |  | Finish | 5:00 AM |
|------|---------|------|----|------|----|-------|----|--------|---------|-------|----|-------------|--|--------|---------|

Lease **SE-G** Well No. **3** Location **Balta Rd - S to Lincoln Rd, 4W to 17th**

Owner **3/4 N, E Into**  
To Quality Oilwell Cementing, Inc.

Contractor **Royal 1**  
Type Job **Surface**  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size **12 1/4"** T.D. **428'** Charge To **Prospect oil + gas**

Csg. **8 5/8"** Depth **428'** 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. **15'** Shoe Joint **15'** Cement Amount Ordered **210 80/20 3% cc 2% Gel**

Meas Line Displace **26 1/4 BCS**

**EQUIPMENT**

|                         |          |              |          |
|-------------------------|----------|--------------|----------|
| Pumptrk <b>17</b> No.   | Cementer |              | Common   |
|                         | Helper   | <b>Glenn</b> | Poz. Mix |
| Bulktrk <b>15</b> No.   | Driver   | <b>James</b> | Gel.     |
|                         | Driver   | <b>Rick</b>  | Calcium  |
| Bulktrk <b>p.u.</b> No. | Driver   |              | Hulls    |
|                         | Driver   |              | Salt     |

**JOB SERVICES & REMARKS**

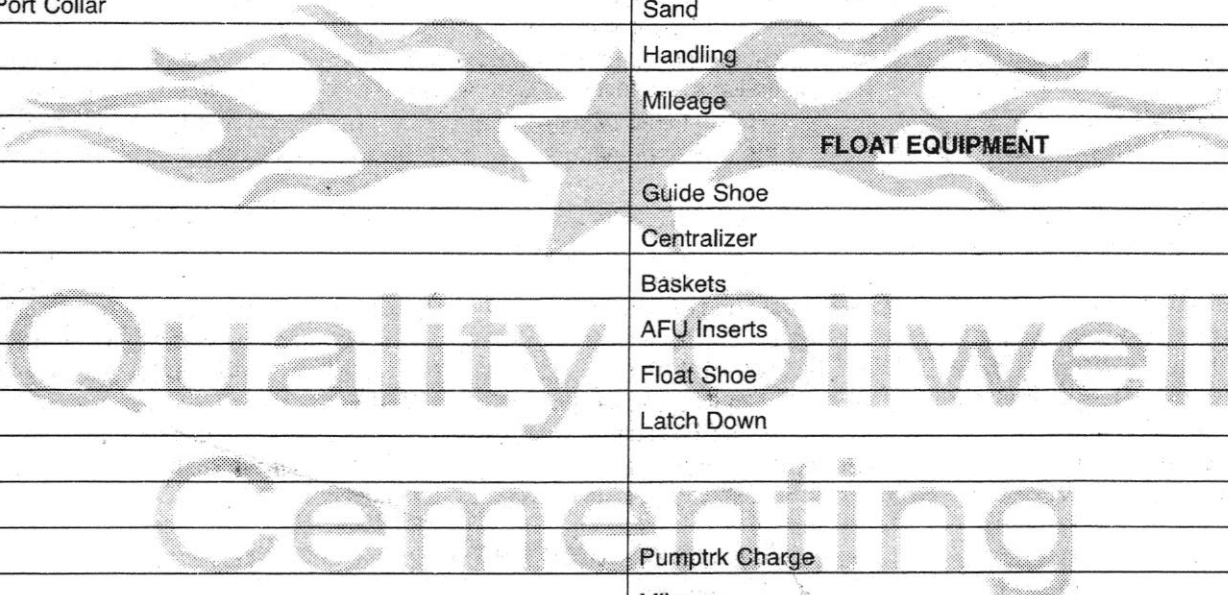
|                                      |                         |
|--------------------------------------|-------------------------|
| Remarks: <b>Cement did Circulate</b> |                         |
| Rat Hole                             | Flowseal                |
| Mouse Hole                           | Kol-Seal                |
| Centralizers                         | Mud CLR 48              |
| Baskets                              | CFL-117 or CD110 CAF 38 |
| D/V or Port Collar                   | Sand                    |
|                                      | Handling                |
|                                      | Mileage                 |

**FLOAT EQUIPMENT**

|  |             |
|--|-------------|
|  | Guide Shoe  |
|  | Centralizer |
|  | Baskets     |
|  | AFU Inserts |
|  | Float Shoe  |
|  | Latch Down  |

Pumptrk Charge  
Mileage

Signature **Doug Budy** Tax  
Discount  
Total Charge



# 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. 915

|                                   |         |      |          |            |         |       |          |  |         |       |    |             |  |        |         |
|-----------------------------------|---------|------|----------|------------|---------|-------|----------|--|---------|-------|----|-------------|--|--------|---------|
| Date                              | 7-28-18 | Sec. | 33       | Twp.       | 14      | Range | 15       | County   | Russell | State | Ks | On Location |  | Finish | 10:30PM |
| Lease                             |         |      |          |            |         |       |          | Well No.   |         | Owner |    |             |  |        |         |
| SE-6                              |         |      |          |            |         |       |          | 3  |         | 3/4 N |    |             |  |        |         |
| Contractor                        |         |      |          |            |         |       |          | To Quality Oilwell Cementing, Inc.   |         |       |    |             |  |        |         |
| Royal 1                           |         |      |          |            |         |       |          | You are hereby requested to rent cementing equipment and furnish                 |         |       |    |             |  |        |         |
| Type Job                          |         |      |          |            |         |       |          | cement and helper to assist owner or contractor to do work as listed.            |         |       |    |             |  |        |         |
| Plug                              |         |      |          |            |         |       |          |  |         |       |    |             |  |        |         |
| Hole Size                         |         |      |          | T.D.       |         |       |          | Charge To  |         |       |    |             |  |        |         |
| 7 7/8"                            |         |      |          | 3330'      |         |       |          | Prospect oil + gas   |         |       |    |             |  |        |         |
| Csg.                              |         |      |          | Depth      |         |       |          | Street   |         |       |    |             |  |        |         |
| Tbg. Size                         |         |      |          | Depth      |         |       |          | City   |         |       |    |             |  |        |         |
| 4 1/2" D.P.                       |         |      |          | 970'       |         |       |          | State  |         |       |    |             |  |        |         |
| Tool                              |         |      |          | Depth      |         |       |          | The above was done to satisfaction and supervision of owner agent or contractor. |         |       |    |             |  |        |         |
| Cement Left in Csg.               |         |      |          | Shoe Joint |         |       |          | Cement Amount Ordered  |         |       |    |             |  |        |         |
|                                   |         |      |          |            |         |       |          | 205 60/40 4 1/2 Gel 1/4 # Flow Seal  |         |       |    |             |  |        |         |
| Meas Line                         |         |      |          | Displace   |         |       |          |  |         |       |    |             |  |        |         |
|                                   |         |      |          | H2O        |         |       |          |  |         |       |    |             |  |        |         |
| <b>EQUIPMENT</b>                  |         |      |          |            |         |       |          | Common   |         |       |    |             |  |        |         |
| Pumptrk                           |         | No.  | Cementer |            | Helper  |       | Poz. Mix |  |         |       |    |             |  |        |         |
| 16                                |         |      | Rick     |            |         |       |          |  |         |       |    |             |  |        |         |
| Bulktrk                           |         | No.  | Driver   |            | Gel.    |       |          |  |         |       |    |             |  |        |         |
| 9                                 |         |      | Jack     |            |         |       |          |  |         |       |    |             |  |        |         |
| Bulktrk                           |         | No.  | Driver   |            | Calcium |       |          |  |         |       |    |             |  |        |         |
|                                   |         |      | Driver   |            |         |       |          |  |         |       |    |             |  |        |         |
| <b>JOB SERVICES &amp; REMARKS</b> |         |      |          |            |         |       |          | Hulls  |         |       |    |             |  |        |         |
| Remarks:                          |         |      |          |            |         |       |          | Salt   |         |       |    |             |  |        |         |
| 970' - 50 SX                      |         |      |          |            |         |       |          |  |         |       |    |             |  |        |         |
| Rat Hole                          |         |      |          |            |         |       |          | Flowseal   |         |       |    |             |  |        |         |
| 500' - 100 SX                     |         |      |          |            |         |       |          |  |         |       |    |             |  |        |         |
| Mouse Hole                        |         |      |          |            |         |       |          | Kol-Seal   |         |       |    |             |  |        |         |
| 40' - 10 SX w/ plug               |         |      |          |            |         |       |          |  |         |       |    |             |  |        |         |
| Centralizers                      |         |      |          |            |         |       |          | Mud CLR 48   |         |       |    |             |  |        |         |
| Baskets                           |         |      |          |            |         |       |          | CFL-117 or CD110 CAF 38  |         |       |    |             |  |        |         |
| Rathole w/ 30 SX                  |         |      |          |            |         |       |          |  |         |       |    |             |  |        |         |
| D/V or Port Collar                |         |      |          |            |         |       |          | Sand   |         |       |    |             |  |        |         |
| <del>Mouse hole w/ 15 SX</del>    |         |      |          |            |         |       |          | Handling   |         |       |    |             |  |        |         |
| NO Mouse hole                     |         |      |          |            |         |       |          | Mileage  |         |       |    |             |  |        |         |
| Cement did Circulate              |         |      |          |            |         |       |          | <b>FLOAT EQUIPMENT</b>   |         |       |    |             |  |        |         |
| 190 SX                            |         |      |          |            |         |       |          | Guide Shoe   |         |       |    |             |  |        |         |
|                                   |         |      |          |            |         |       |          | Dry hole plug  |         |       |    |             |  |        |         |
|                                   |         |      |          |            |         |       |          | Centralizer  |         |       |    |             |  |        |         |
|                                   |         |      |          |            |         |       |          | Baskets  |         |       |    |             |  |        |         |
|                                   |         |      |          |            |         |       |          | AFU Inserts  |         |       |    |             |  |        |         |
|                                   |         |      |          |            |         |       |          | Float Shoe   |         |       |    |             |  |        |         |
|                                   |         |      |          |            |         |       |          | Latch Down   |         |       |    |             |  |        |         |
|                                   |         |      |          |            |         |       |          | Pumptrk Charge   |         |       |    |             |  |        |         |
|                                   |         |      |          |            |         |       |          | Mileage  |         |       |    |             |  |        |         |
|                                   |         |      |          |            |         |       |          | Tax  |         |       |    |             |  |        |         |
|                                   |         |      |          |            |         |       |          | Discount   |         |       |    |             |  |        |         |
|                                   |         |      |          |            |         |       |          | Total Charge   |         |       |    |             |  |        |         |
| Signature                         |         |      |          |            |         |       |          |  |         |       |    |             |  |        |         |
| Long Budge                        |         |      |          |            |         |       |          |  |         |       |    |             |  |        |         |

Quality Oilwell Cementing

Brad Hutchison  
Petroleum Geologist  
4122 186<sup>th</sup> Blvd  
Russell, Kansas 67665

Prospect Oil & Gas, Inc.

SEG # 3

537' FNL, 1852' FWL, Sec.33-145-15W

Russell County, KS

Elev. 1876' G.L.

Dry & Abandoned

GEOLOGICAL REPORT

FORMATION

|                    |      |        |
|--------------------|------|--------|
| Topeka             | 2844 | -962   |
| Heebner            | 3068 | -1186  |
| Toronto            | 3086 | -1204  |
| Lansing            | 3121 | -1239  |
| Rotary Total Depth | 3320 | --1438 |

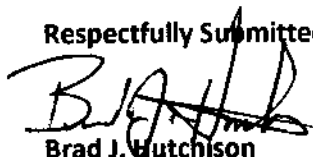
Sample Analysis, Shows of Oil, DST Data, Etc.

Topeka Section No shows worthy of noting.

Lansing Section 3121-3130 Limestone ,light gray, finely crystalline to dense, cherty, trace of very poor vugular porosity, trace of spotty stain. (few pieces) Slight show of free oil and slight odor in fresh samples.

Drill Stem Test # 1 3100-3200 I.F. Surface blow  
F.F. No blow  
Recovery: 15' of mud with show of oil on top.  
Pressures: SIP 66-34 FP 16-18 19-19 psi

Respectfully Submitted,

  
Brad J. Hutchison





## 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

Printed: 2018.07.30 @ 14:17:04





**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:

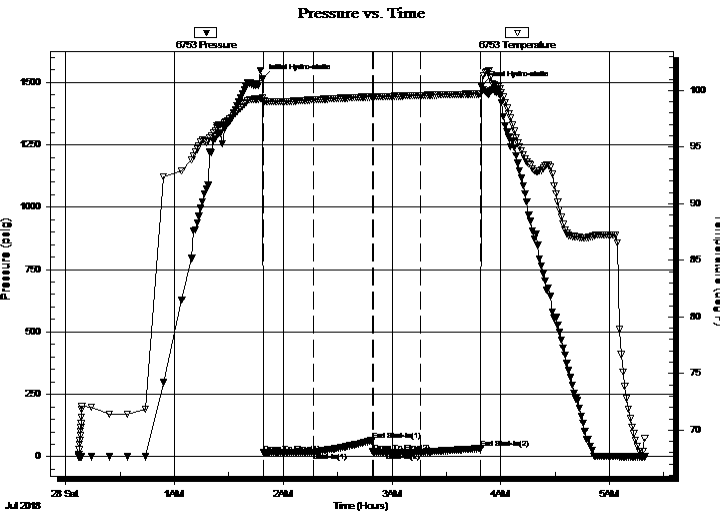
Formation: **LKC**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 01:49:00  
 Time Test Ended: 05:20:00  
 Interval: **3100.00 ft (KB) To 3200.00 ft (KB) (TVD)**  
 Total Depth: 3200.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Brannan Lonsdale  
 Unit No: 73  
 Reference Elevations: 1883.00 ft (KB)  
 1876.00 ft (CF)  
 KB to GR/CF: 7.00 ft

## Serial #: 6753

Outside

Press@RunDepth: 18.93 psig @ 3101.00 ft (KB)  
 Start Date: 2018.07.28 End Date: 2018.07.28  
 Start Time: 00:07:05 End Time: 05:19:59  
 Capacity: 8000.00 psig  
 Last Calib.: 2018.07.28  
 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) |
|--|----------------|-----------------|------------------|
|  |                |                 |                  |





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**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 |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

|                 |       |      |         |         |                                |
|-----------------|-------|------|---------|---------|--------------------------------|
| 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**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**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 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

| Length<br>ft | Description          | Volume<br>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

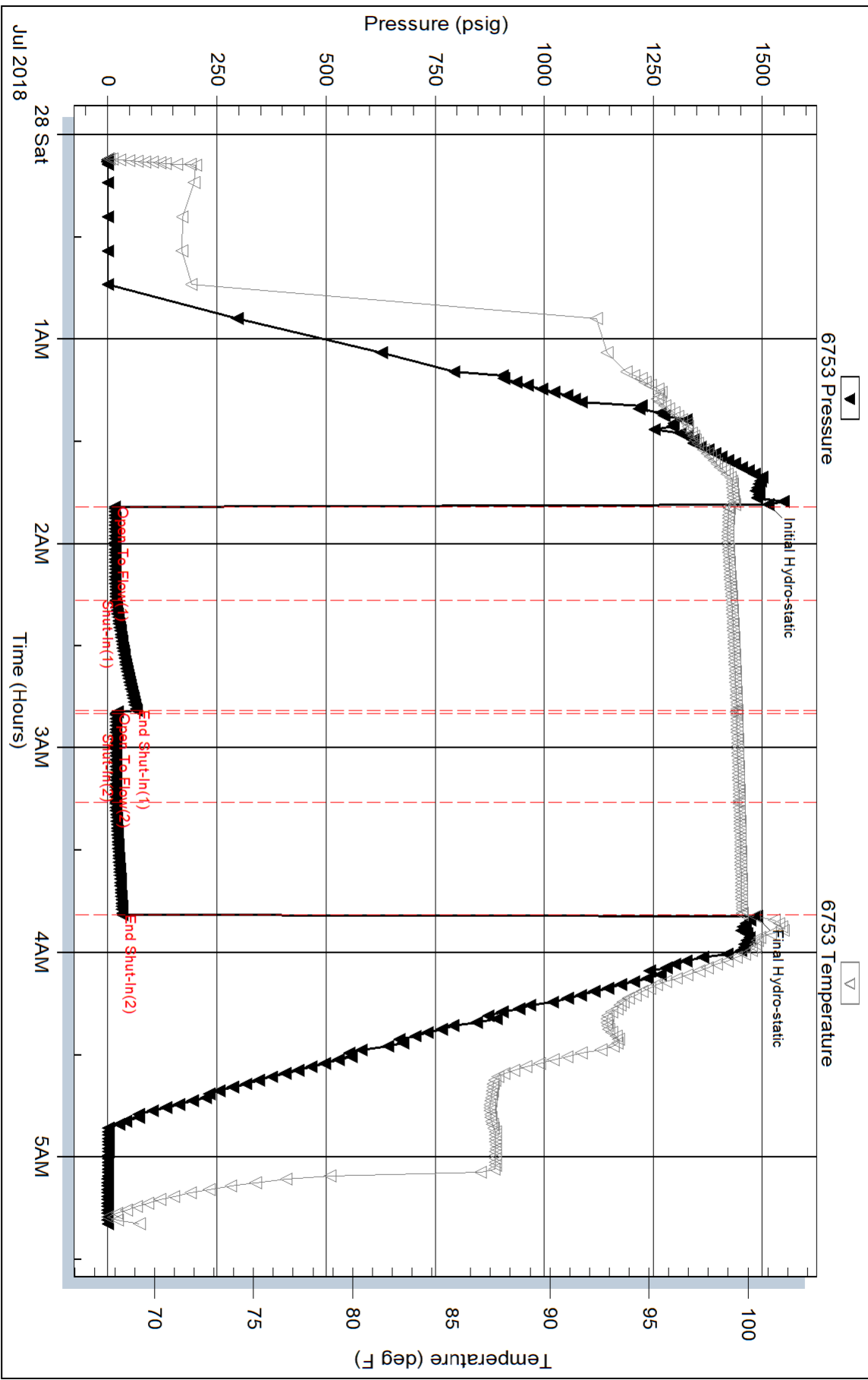
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



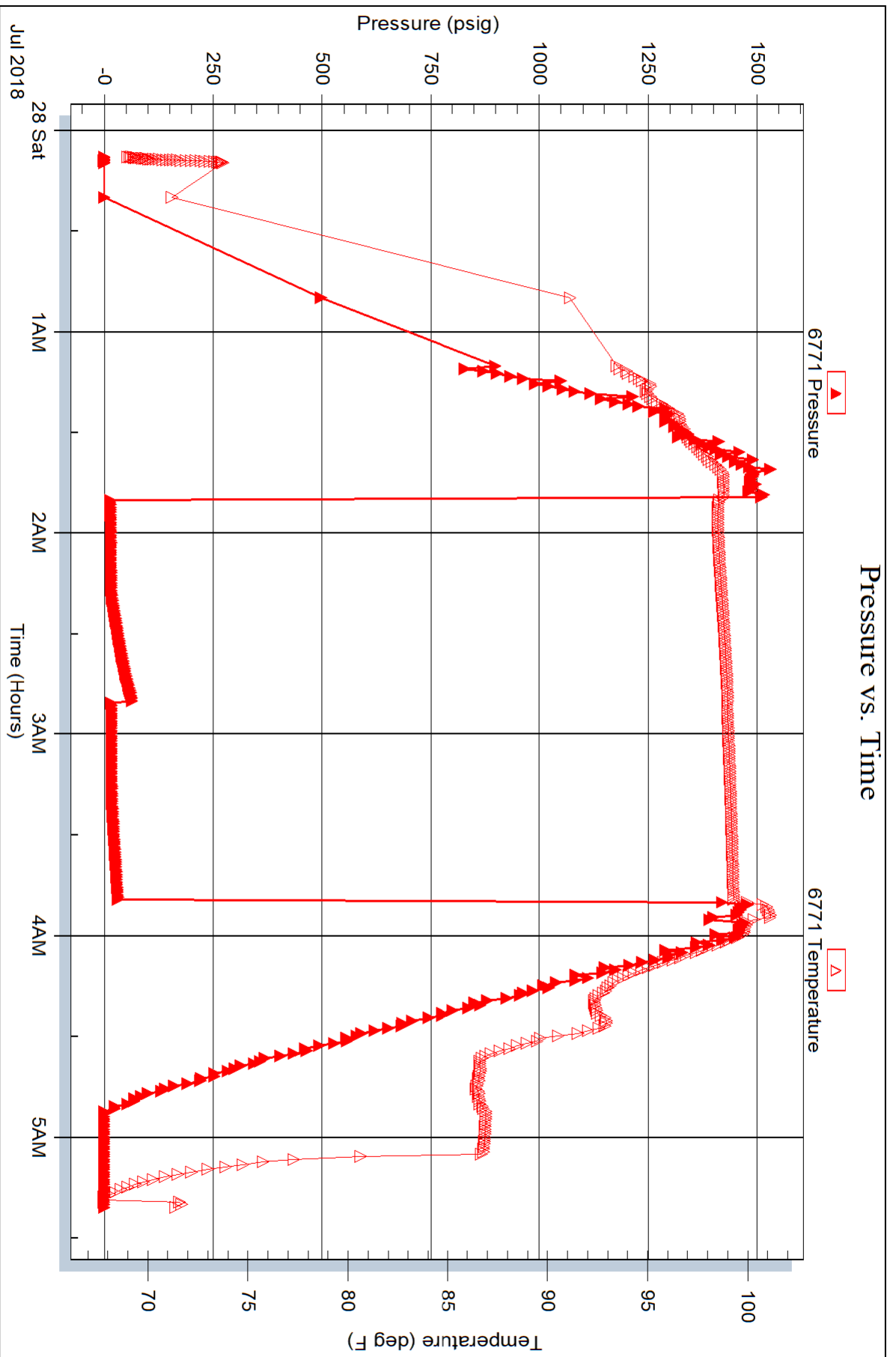
Serial #: 6771

Inside

Prospect Oil & Gas Corp.

SE-G#3

DST Test Number: 1





# 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 \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1134 Sub Total \_\_\_\_\_  
 Total 1134 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_

Our Representative  
**Brannan Lonsdale**