



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1266703  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1266703

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing    Pumping    Gas Lift    Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Prolific Resources LLC
Well Name	Randy Rose 1
Doc ID	1266703

All Electric Logs Run

CNL / CDL
Dual Induction
Micro
Sonic

Form	ACO1 - Well Completion
Operator	Prolific Resources LLC
Well Name	Randy Rose 1
Doc ID	1266703

Tops

Name	Top	Datum
Anhydrite	2116	-581
Base Anhydrite	2138	-559
Stotler	3272	-575
Heebner	3637	-940
Lansing	3674	-977
Stark	3926	-1229
Hushpuckney	3968	-1271
BKC	3999	-1302
Marmaton	4041	-1344
Altamont	4142	-1445
Pawnee	4170	-1473
Ft. Scott	4196	-1499
Cherokee	4223	-1526
Johnson	4266	-1569
Mississippian	4336	-1639





Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
 Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
 Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Range \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_  
 Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft  
 Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.  
 Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Drill Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Chlorides \_\_\_\_\_ P.P.M. Test Tool Length \_\_\_\_\_ ft Tool Size \_\_\_\_\_ in.  
 Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Surface Choke Size \_\_\_\_\_ in. Bottom Choke Size \_\_\_\_\_ in.  
 Main Hole Size \_\_\_\_\_ in. Tool Joint Size \_\_\_\_\_ in.

Blow: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Time Set Packer(s) \_\_\_\_\_ Time Started off Bottom \_\_\_\_\_ Maximum Temperature \_\_\_\_\_  
 Initial Hydrostatic Pressure.....(A) \_\_\_\_\_ P.S.I.  
 Initial Flow Period.....Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
 Initial Closed In Period.....Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
 Final Flow Period.....Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
 Final Closed In Period.....Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
 Final Hydrostatic Pressure.....(H) \_\_\_\_\_ P.S.I.



# Diamond Testing General Report

**John Riedl**  
**TESTER**  
**CELL: 620-793-0550**

## General Information

<b>Company Name</b>	PROLIFIC RESOURCES, LLC	<b>Job Number</b>	J3359
<b>Contact</b>	DARRELL WILLINGER	<b>Representative</b>	JOHN RIEDL
<b>Well Name</b>	RANDY ROSE #1	<b>Well Operator</b>	PROLIFIC RESOURCES, LLC
<b>Unique Well ID</b>	DST #1 LKC "I" 3866-3897	<b>Report Date</b>	2015/08/23
<b>Surface Location</b>	S3/15S/32W LOGAN CO, KS	<b>Prepared By</b>	JOHN RIEDL
<b>Field</b>	WILDCAT	<b>Qualified By</b>	KIM SHOEMAKER

## Test Information

<b>Test Type</b>	DST #1 CONVENTIONAL
<b>Formation</b>	LKC "I"
<b>Well Fluid Type</b>	
<b>Test Purpose</b>	

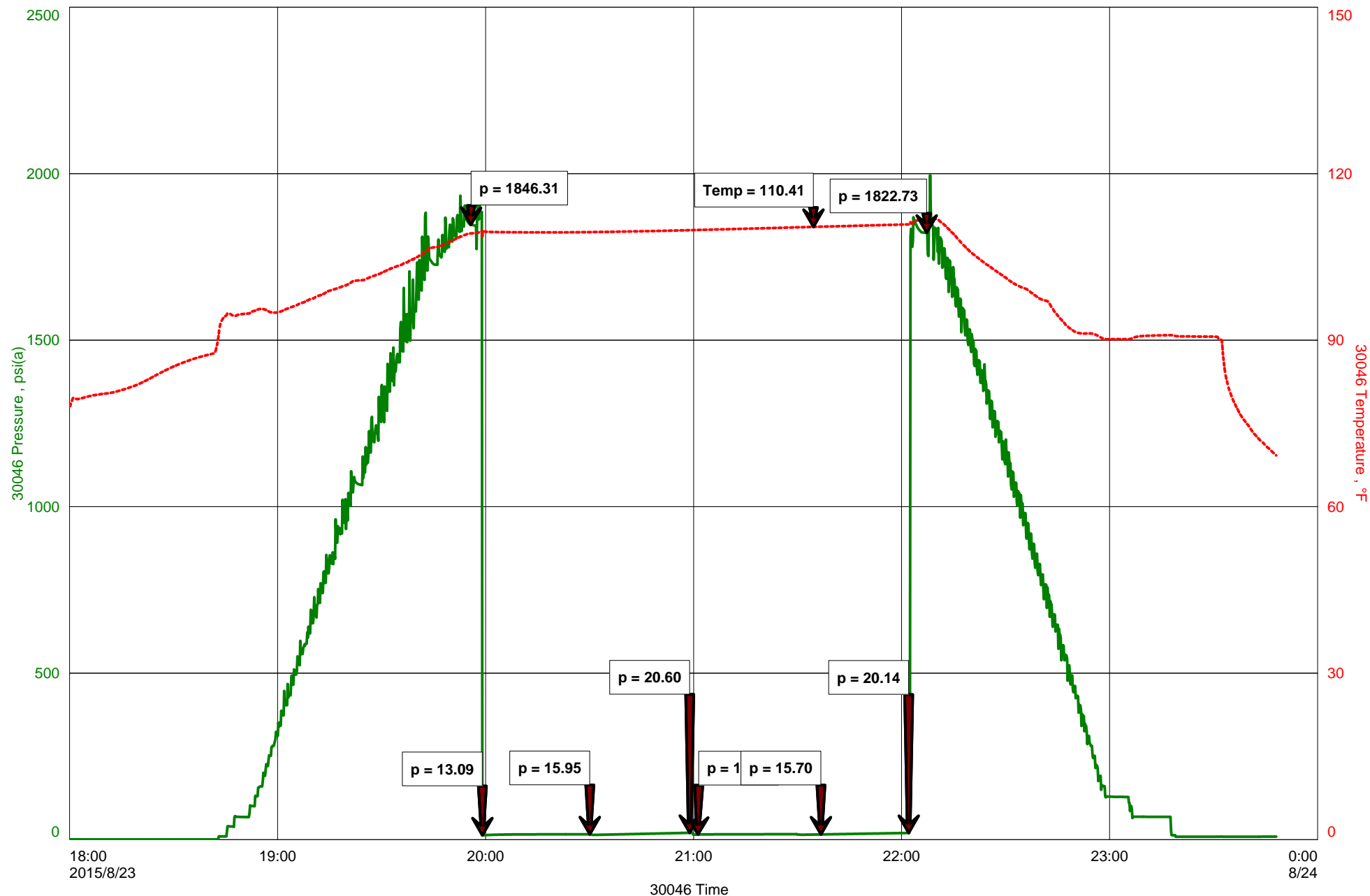
<b>Start Test Date</b>	2015/08/23	<b>Start Test Time</b>	18:00:00
<b>Final Test Date</b>	2015/08/23	<b>Final Test Time</b>	23:40:00

## Test Recovery

RECOVERY: 10' OIL SPECKED MUD

TOOL SAMPLE: 100% MUD

# RANDY ROSE #1







Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
 Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
 Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Range \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_  
 Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft  
 Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.  
 Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Drill Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Chlorides \_\_\_\_\_ P.P.M. Test Tool Length \_\_\_\_\_ ft Tool Size \_\_\_\_\_ in.  
 Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Surface Choke Size \_\_\_\_\_ in. Bottom Choke Size \_\_\_\_\_ in.  
 Main Hole Size \_\_\_\_\_ in. Tool Joint Size \_\_\_\_\_ in.

Blow: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Time Set Packer(s) \_\_\_\_\_ Time Started off Bottom \_\_\_\_\_ Maximum Temperature \_\_\_\_\_  
 Initial Hydrostatic Pressure.....(A) \_\_\_\_\_ P.S.I.  
 Initial Flow Period.....Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
 Initial Closed In Period.....Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
 Final Flow Period.....Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
 Final Closed In Period.....Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
 Final Hydrostatic Pressure.....(H) \_\_\_\_\_ P.S.I.



# Diamond Testing General Report

**John Riedl**  
**TESTER**  
**CELL: 620-793-0550**

## General Information

<b>Company Name</b>	PROLIFIC RESOURCES, LLC	<b>Job Number</b>	J3360
<b>Contact</b>	DARRELL WILLINGER	<b>Representative</b>	JOHN RIEDL
<b>Well Name</b>	RANDY ROSE #1	<b>Well Operator</b>	PROLIFIC RESOURCES, LLC
<b>Unique Well ID</b>	DST #2 LKC "K" 3921-3960	<b>Report Date</b>	2015/08/24
<b>Surface Location</b>	S3/15S/32W LOGAN CO, KS	<b>Prepared By</b>	JOHN RIEDL
<b>Field</b>	WILDCAT	<b>Qualified By</b>	KIM SHOEMAKER

## Test Information

<b>Test Type</b>	DST #2 CONVENTIONAL
<b>Formation</b>	LKC "K"
<b>Well Fluid Type</b>	
<b>Test Purpose</b>	

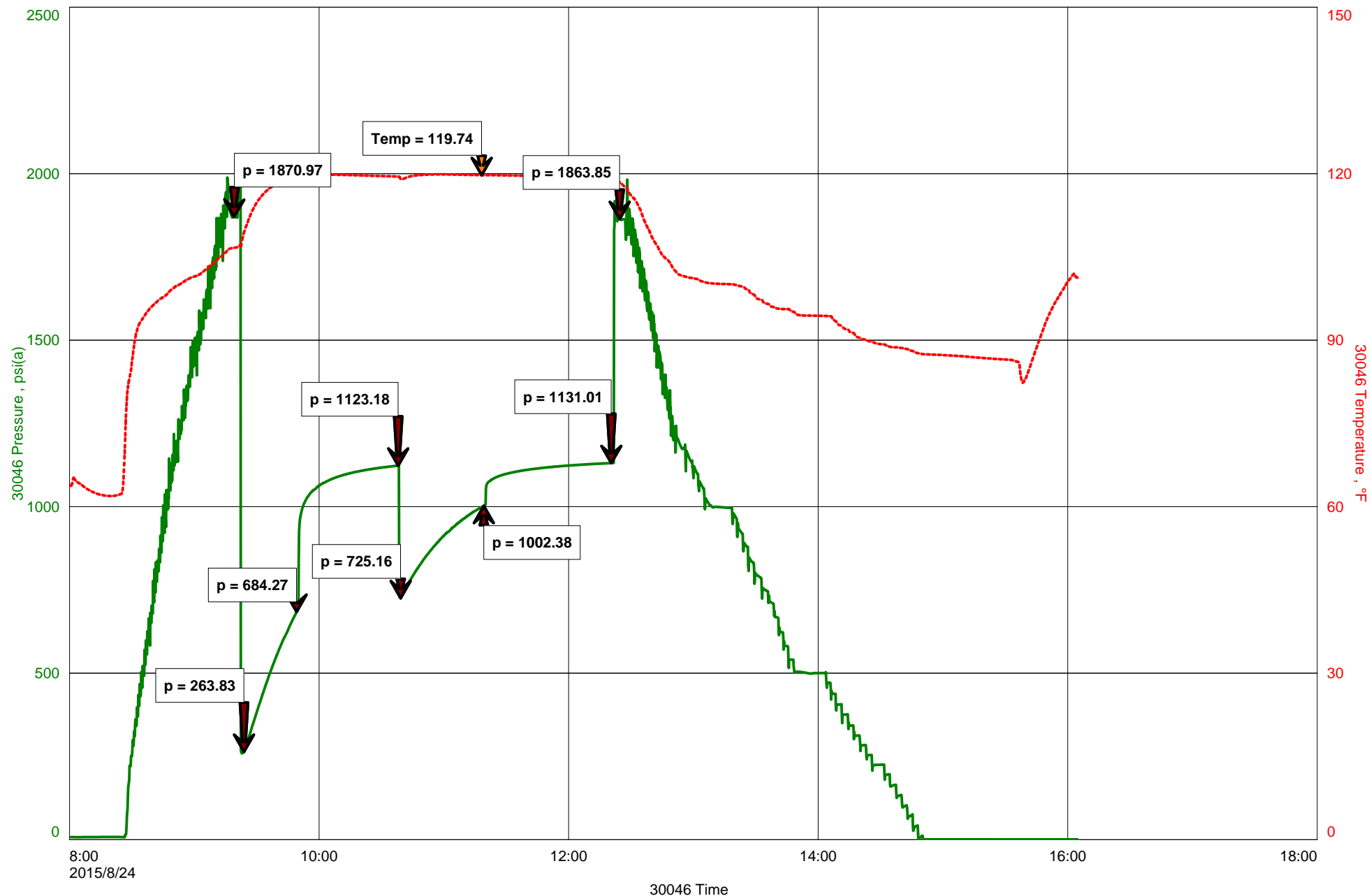
<b>Start Test Date</b>	2015/08/24	<b>Start Test Time</b>	08:00:00
<b>Final Test Date</b>	2015/08/24	<b>Final Test Time</b>	16:00:00

## Test Recovery

RECOVERY: 2,210' GAS CUT OIL (10% GAS, 90% OIL) GRAVITY: 28  
250' WATER CHLORIDES 40,000 Ppm  
2,460' TOTAL FLUID

TOOL SAMPLE: 25% OIL, 75% WATER

# RANDY ROSE #1





Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
 Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
 Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Range \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_  
 Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft  
 Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.  
 Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Drill Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Chlorides \_\_\_\_\_ P.P.M. Test Tool Length \_\_\_\_\_ ft Tool Size \_\_\_\_\_ in.  
 Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Surface Choke Size \_\_\_\_\_ in. Bottom Choke Size \_\_\_\_\_ in.  
 Main Hole Size \_\_\_\_\_ in. Tool Joint Size \_\_\_\_\_ in.

Blow: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Time Set Packer(s) \_\_\_\_\_ Time Started off Bottom \_\_\_\_\_ Maximum Temperature \_\_\_\_\_  
 Initial Hydrostatic Pressure.....(A) \_\_\_\_\_ P.S.I.  
 Initial Flow Period.....Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
 Initial Closed In Period.....Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
 Final Flow Period.....Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
 Final Closed In Period.....Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
 Final Hydrostatic Pressure.....(H) \_\_\_\_\_ P.S.I.



# Diamond Testing General Report

**John Riedl**  
**TESTER**  
**CELL: 620-793-0550**

## General Information

<b>Company Name</b>	PROLIFIC RESOURCES, LLC	<b>Job Number</b>	J3361
<b>Contact</b>	DARRELL WILLINGER	<b>Representative</b>	JOHN RIEDL
<b>Well Name</b>	RANDY ROSE #1	<b>Well Operator</b>	PROLIFIC RESOURCES, LLC
<b>Unique Well ID</b>	DST #3 LKC "L" 3966-3995	<b>Report Date</b>	2015/08/25
<b>Surface Location</b>	S3/15S/32W LOGAN CO, KS	<b>Prepared By</b>	JOHN RIEDL
<b>Field</b>	WILDCAT	<b>Qualified By</b>	KIM SHOEMAKER

## Test Information

<b>Test Type</b>	DST #3 CONVENTIONAL
<b>Formation</b>	LKC "L"
<b>Well Fluid Type</b>	
<b>Test Purpose</b>	

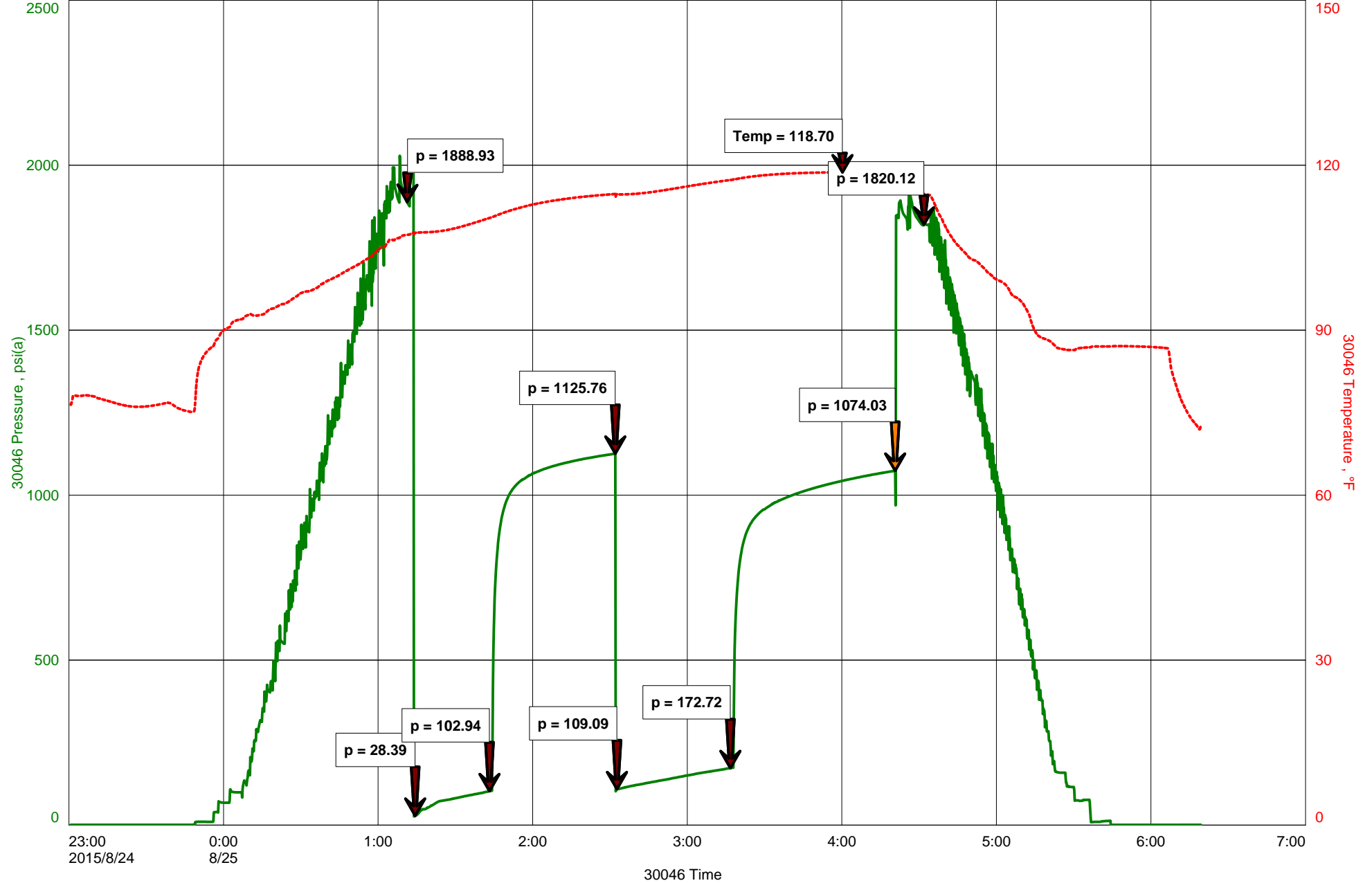
<b>Start Test Date</b>	2015/08/24	<b>Start Test Time</b>	23:00:00
<b>Final Test Date</b>	2015/08/25	<b>Final Test Time</b>	06:30:00

## Test Recovery

RECOVERY: 300' WATER CHLORIDES 34,000 Ppm

TOOL SAMPLE: 100% WATER

# RANDY ROSE #1





Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
 Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
 Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Range \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_  
 Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft  
 Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.  
 Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Drill Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Chlorides \_\_\_\_\_ P.P.M. Test Tool Length \_\_\_\_\_ ft Tool Size \_\_\_\_\_ in.  
 Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Surface Choke Size \_\_\_\_\_ in. Bottom Choke Size \_\_\_\_\_ in.  
 Main Hole Size \_\_\_\_\_ in. Tool Joint Size \_\_\_\_\_ in.

Blow: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Time Set Packer(s) \_\_\_\_\_ Time Started off Bottom \_\_\_\_\_ Maximum Temperature \_\_\_\_\_  
 Initial Hydrostatic Pressure.....(A) \_\_\_\_\_ P.S.I.  
 Initial Flow Period.....Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
 Initial Closed In Period.....Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
 Final Flow Period.....Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
 Final Closed In Period.....Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
 Final Hydrostatic Pressure.....(H) \_\_\_\_\_ P.S.I.



# Diamond Testing General Report

**John Riedl**  
**TESTER**  
**CELL: 620-793-0550**

## General Information

<b>Company Name</b>	PROLIFIC RESOURCES, LLC	<b>Job Number</b>	J3362
<b>Contact</b>	DARRELL WILLINGER	<b>Representative</b>	JOHN RIEDL
<b>Well Name</b>	RANDY ROSE #1	<b>Well Operator</b>	PROLIFIC RESOURCES, LLC
<b>Unique Well ID</b>	DST #4 PAWNEE/CHEROKEE 4120-4234	<b>Report Date</b>	2015/08/26
<b>Surface Location</b>	S3/15S/32W LOGAN CO, KS	<b>Prepared By</b>	JOHN RIEDL
<b>Field</b>	WILDCAT	<b>Qualified By</b>	KIM SHOEMAKER

## Test Information

<b>Test Type</b>	DST #4 CONVENTIONAL
<b>Formation</b>	PAWNEE/CHEROKEE
<b>Well Fluid Type</b>	
<b>Test Purpose</b>	

<b>Start Test Date</b>	2015/08/26	<b>Start Test Time</b>	11:45:00
<b>Final Test Date</b>	2015/08/26	<b>Final Test Time</b>	17:30:00

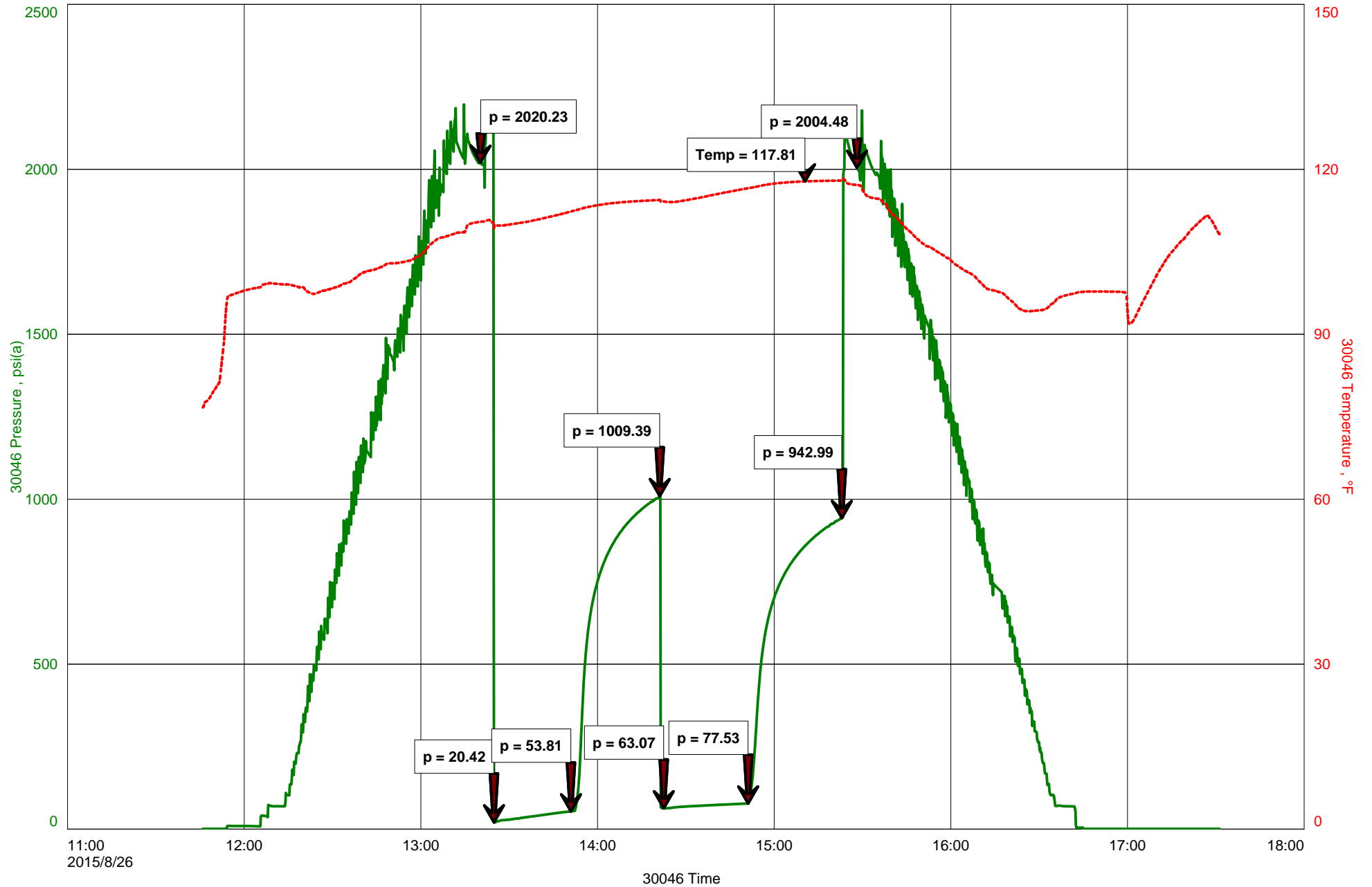
## Test Recovery

**RECOVERY:** 3' FREE OIL GRAVITY: 28  
135' SLIGHTLY OIL CUT MUD (2% OIL, 98% MUD)  
138' TOTAL FLUID

**TOOL SAMPLE:** 10% OIL, 90% MUD



# RANDY ROSE #1





Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
 Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
 Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Range \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_  
 Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft  
 Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.  
 Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Drill Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Chlorides \_\_\_\_\_ P.P.M. Test Tool Length \_\_\_\_\_ ft Tool Size \_\_\_\_\_ in.  
 Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Surface Choke Size \_\_\_\_\_ in. Bottom Choke Size \_\_\_\_\_ in.  
 Main Hole Size \_\_\_\_\_ in. Tool Joint Size \_\_\_\_\_ in.

Blow: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Time Set Packer(s) \_\_\_\_\_ Time Started off Bottom \_\_\_\_\_ Maximum Temperature \_\_\_\_\_  
 Initial Hydrostatic Pressure.....(A) \_\_\_\_\_ P.S.I.  
 Initial Flow Period.....Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
 Initial Closed In Period.....Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
 Final Flow Period.....Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
 Final Closed In Period.....Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
 Final Hydrostatic Pressure.....(H) \_\_\_\_\_ P.S.I.



# Diamond Testing General Report

**John Riedl**  
**TESTER**  
**CELL: 620-793-0550**

## General Information

<b>Company Name</b>	PROLIFIC RESOURCES, LLC	<b>Job Number</b>	J3363
<b>Contact</b>	DARRELL WILLINGER	<b>Representative</b>	JOHN RIEDL
<b>Well Name</b>	RANDY ROSE #1	<b>Well Operator</b>	PROLIFIC RESOURCES, LLC
<b>Unique Well ID</b>	DST #5 JOHNSON 4332-4380	<b>Report Date</b>	2015/08/27
<b>Surface Location</b>	S3/15S/32W LOGAN CO, KS	<b>Prepared By</b>	JOHN RIEDL
<b>Field</b>	WILDCAT	<b>Qualified By</b>	KIM SHOEMAKER

## Test Information

<b>Test Type</b>	DST #5 CONVENTIONAL
<b>Formation</b>	JOHNSON
<b>Well Fluid Type</b>	
<b>Test Purpose</b>	

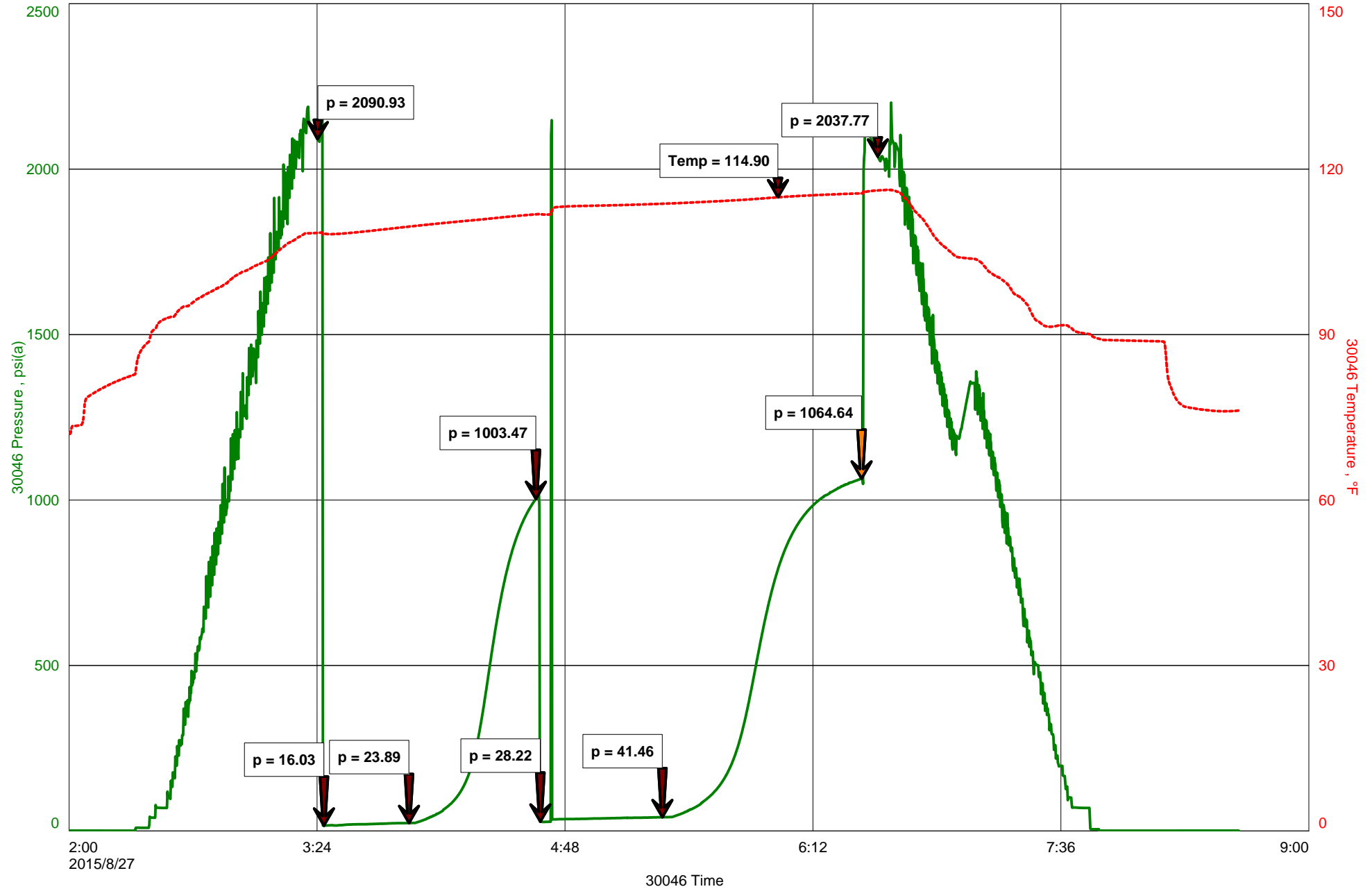
<b>Start Test Date</b>	2015/08/27	<b>Start Test Time</b>	02:00:00
<b>Final Test Date</b>	2015/08/27	<b>Final Test Time</b>	08:00:00

## Test Recovery

RECOVERY: 1' FREE OIL  
59' OIL CUT MUD (25% OIL, 75% MUD)  
60' TOTAL FLUID

TOOL SAMPLE: 25% OIL, 75% MUD

# RANDY ROSE #1





**BASIC<sup>SM</sup>**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.  
Liberal, Kansas 67905  
Phone 620-624-2277

FIELD SERVICE TICKET  
1717 05466 A

DATE 8/18 TICKET NO. \_\_\_\_\_

DATE OF JOB <u>8-18-15</u>		DISTRICT _____		NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:	
CUSTOMER <u>Prolific Resources</u>				LEASE <u>Randy Road Rose</u>					WELL NO. <u>1</u>	
ADDRESS _____				COUNTY <u>Logan</u>		STATE <u>Ks.</u>				
CITY _____ STATE _____				SERVICE CREW <u>Daniel, Hector E., Mario</u>						
AUTHORIZED BY <u>Chad Hlinz</u>				JOB TYPE: <u>242 Surface</u>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME	
<u>78938</u>	<u>1.5</u>						<u>8-18-15</u>	<u>AM</u>	<u>2:30</u>	
<u>38117/19919-</u>	<u>1.5</u>						<u>8-19-15</u>	<u>AM</u>	<u>6:00</u>	
<u>30463/37547</u>	<u>1.5</u>						<u>8-19-15</u>	<u>AM</u>	<u>8:30</u>	
								<u>AM</u>	<u>10:00</u>	
							<u>8-19-15</u>	<u>AM</u>	<u>11:00</u>	
						MILES FROM STATION TO WELL	<u>100</u>			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL 110	Premium Plus Cement	sk	225		3667.50
CC 109	Calcium Chloride	lb	424		445.20
CC 102	Gelloflake	lb	57		210.90
CF 153	Wooden Cement Plug, 8 5/8"	ea	1		160.00
E 101	Heavy Equipment Mileage	mi	200		1500.00
CE 240	Blending + Mixing Service Charge	sk	225		315.00
E 113	Proppant + Bulk Delivery Charges	tm	1060		2680.00
CE 200	Depth Charge, 0'-500"	4hrs.	1		1000.00
CE 304	Plug Container Utilization Charge	job	1		250.00
E 100	Unit Mileage Charge - Pickups Small V.	mi.	100		450.00
S003	Service Supervisor, first 8hrs. on loc.	ea	1		175.00
T105	Cement Data Acquisition Monitor	ea	1		59.00

CHEMICAL / ACID DATA:	

<u>[Signature]</u>	SUB TOTAL	<b>6663.89</b>
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: Daniel Barb  
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. \_\_\_\_\_

### Cement Report

Customer <i>Prolific Resources</i>		Lease No.		Date <i>8-18-15</i>			
Lease <i>Randy Road Rose</i>		Well # <i>1</i>		Service Receipt <i>1717 05466 A</i>			
Casing <i>8 5/8" 24#</i> Depth <i>302.59</i>		County <i>Logan</i>		State <i>Ks.</i>			
Job Type <i>242 Surface</i>		Formation		Legal Description <i>3 15 32</i>			
<b>Pipe Data</b>			<b>Perforating Data</b>		<b>Cement Data</b>		
Casing size <i>8 5/8" 24#</i>		Tubing Size		<b>Lead Premium Plus 225sk Cement</b>  <i>1.34 ft<sup>3</sup>/sk 6.33 gal/sk</i> <b>Tail in</b>			
Depth <i>302.59</i>		Depth				Shots/Ft	
Volume <i>16.6 bbl</i>		Volume				From	
Max Press <i>1800 psi</i>		Max Press				To	
Well Connection <i>P.C.</i>		Annulus Vol.		From			
Plug Depth <del>100</del> <i>260.32'</i>		Packer Depth		To			
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log		
<i>14:30</i>					<i>Call Out</i>		
<i>18:00</i>					<i>On Location</i>		
<i>18:15</i>					<i>Safety Meeting w/ BES employees</i>		
<i>18:30</i>					<i>Rig Up</i>		
<i>19:15</i>					<i>Wait on Rig</i>		
<i>20:30</i>					<i>Rig Up Head</i>		
<i>20:45</i>	<del>100</del>		<del>53.6 bbl</del>	<del>4.5</del>	<i>Pressure Test to 1800 psi</i>		
<i>20:50</i>	<i>100</i>		<i>53.6 bbl</i>	<i>4.5</i>	<i>Pump Lead</i>		
<i>21:35</i>					<i>Shutdown / Drop Plug / Wash Pump</i>		
	<i>100</i>		<i>10</i>	<i>2.0</i>	<i>Displace</i>		
<i>21:55</i>	<i>100</i>		<i>16.6</i>	<i>0</i>	<i>Shutdown close in head</i>		
					<i>Job Complete</i>		
Service Units	<i>78938</i>	<i>38117/19919</i>	<i>30463/37547</i>				
Driver Names	<i>Daniel</i>	<i>Hector E.</i>	<i>Mario</i>				

*JD*

Customer Representative

*Tyce Davis*

Station Manager

*Daniel Beck*

Cementer



1700 S. Country Estates Rd.  
 Liberal, Kansas 67905  
 Phone 620-624-2277

FIELD SERVICE TICKET  
 1717 05471 A

DATE 8/28 TICKET NO. \_\_\_\_\_

DATE OF JOB <u>8-28-15</u>		DISTRICT _____		NEW WELL <input checked="" type="checkbox"/>		OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/>		INJ <input type="checkbox"/>		WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER <u>Prolific Resources</u>				LEASE <u>Randy Rose</u>				WELL NO. <u>1</u>							
ADDRESS _____				COUNTY <u>Logan</u>				STATE <u>Ks.</u>							
CITY _____				STATE _____				SERVICE CREW <u>Chad, Daniel, Rogelia, Hector R. Eduardo</u>							
AUTHORIZED BY <u>Kevin Gordley</u>				JOB TYPE: <u>Z42 Production DV Long string</u>											
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED		DATE	TIME						
<u>78938</u>	<u>11</u>							<u>AM</u>	<u>10:50</u>						
<u>38117/19919-</u>	<u>11</u>					ARRIVED AT JOB		<u>AM</u>	<u>4:40</u>						
<u>27909/19883</u>	<u>11</u>					START OPERATION		<u>AM</u>	<u>7:30</u>						
<u>14355/19578</u>	<u>11</u>					FINISH OPERATION		<u>AM</u>	<u>2:45</u>						
						RELEASED		<u>AM</u>	<u>3:45</u>						
						MILES FROM STATION TO WELL		<u>100</u>							

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]  
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL105	AA2 Cement	sk	175		3185 00
CL101	A-Con Blend	sk	300		5980 00
CL103	60/40 Poz	sk	55		660 00
CC102	Celloflake	lb	119		440 30
CC105	C-41P	lb	42		168 00
CC109	Calcium Chloride	lb	846		888 30
CC111	Galt	lb	808		404 00
CC112	Cement Friction Reducer	lb	50		300 00
CC129	FLA-322	lb	83		622 50
CC201	Gilsonite	lb	875		586 25
CF451	Two Stage Cement Collar 5 1/2" (Blue)	ea	1		4500 00
CF1251	Auto Fill Float Shoe 5 1/2" (Blue)	ea	1		360 00
CF452	Economizer Hinged, welded Centralizer	ea	16		1200 00
CF4552	Cement Baskets, Canvas 5 1/2"	ea	2		580 00
C704	Claymax KCL Substitute	gal	1		35 00
CC151	Mud Flush	gal.	500		430 00
E100	Unit Mileage Charge-Pickups Small V.	mi	100		450 00
E101	Heavy Equipment Mileage	mi	300		2250 00
E113	Proppant + Bulk Delivery Charges	+m	2475		6187 50
SUB TOTAL					<b>15,097 13</b>

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE <u>Daniel Beck</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
---	---

FIELD SERVICE ORDER NO. \_\_\_\_\_

Client <i>Prolific Resources</i>	Lease No.	Date <i>8-28-15</i>
Operator <i>Randy Rose</i>	Well # <i>1</i>	Service Receipt <i>171705471A</i>
Casing <i>5 1/2" 15.5#</i>	Depth <i>4483'</i>	County <i>Logan</i> State <i>Ks.</i>

Job Type <i>242 Production, D.V.</i>	Formation	Legal Description <i>3 15 32</i>
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Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size	Shots/Ft		Lead
<i>5 1/2" 15.5#</i>		From	To	<i>AA2 175sk</i>
Depth <i>4483'</i>	Depth			<i>1.36<sup>ft</sup>/sk 5.52<sup>gal</sup>/sk</i>
Volume <i>106.3</i>	Volume	From	To	<i>Scavenger 60/40 Poz</i>
Max Press <i>2000</i>	Max Press	From	To	<i>55sk 4.5<sup>ft</sup>/sk 13.5<sup>gal</sup>/sk</i>
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	<i>Tail in 'A-Con' Blend</i>
Plug Depth	Packer Depth	From	To	<i>300sk</i>
				<i>2.77<sup>ft</sup>/sk 16.75<sup>gal</sup>/sk</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>10:30</i>					<i>Call Out</i>
<del><i>16:40</i></del>					<i>On Location</i>
<i>16:45</i>					<i>Safety Meeting w/ BES employees</i>
					<i>Rig Up &amp; Run Float Equipment</i>
<i>20:00</i>					<i>Circulate w/ Head</i>
<i>20:30</i>					<i>Pressure Test</i>
<i>20:35</i>					<i>Pump Mud Flush</i>
<i>20:40</i>					<i>Cement Rat Hole</i>
<i>20:50</i>					<i>Pump Scavenger Cement &amp; then</i>
					<i>AA<sup>2</sup></i>
	<i>100</i>	<i>10</i>		<i>5.5</i>	<i>Displacement</i>
	<i>100</i>		<i>10</i>	<i>5.3</i>	
	<i>100</i>		<i>20</i>	<i>5.5</i>	
	<i>100</i>		<i>30</i>	<i>5.5</i>	
	<i>100</i>		<i>40</i>	<i>5.5</i>	
	<i>100</i>		<i>50</i>	<i>5.5</i>	
	<i>100</i>		<i>51</i>	<i>5.5</i>	
	<i>250</i>		<i>60</i>	<i>6.5</i>	<i>Pump Mud</i>
	<i>250</i>		<i>70</i>	<i>6.4</i>	
	<i>350</i>		<i>80</i>	<i>6.2</i>	
	<i>400</i>		<i>90</i>	<i>1.5</i>	<i>slow Rate</i>
	<i>400</i>		<i>100</i>	<i>1.5</i>	
<i>21:45</i>	<i>1200</i>		<i>106</i>	<i>0</i>	<i>Pressure up to 1200, Plug Landed</i>

Service Units	<i>78938</i>	<i>38117/19919</i>	<i>27808/19883</i>	<i>14355/19578</i>
Driver Names	<i>Daniel</i>	<i>Rogelio</i>	<i>Eduardo</i>	<i>Hector R.</i>

*Darrell Willinger* Customer Representative      *Tyce Davis* Station Manager      *Daniel Beck* Cementer  
Taylor Printing, Inc



JOB LOG CONT

TICKET#

171705471A

TICKET DATE

8-28-15

Start  
No.

Time

Rate

(BPM)

Volume

(BBL) (GAL)

Rate

N2

Press. (PSI)

CSG.

Tbg

Job Description / Remarks

21:45

Release Back Float Held

21:55

Drop Bomb + wait 20 minutes

22:17

1500

Open D.V. Tool

22:20

Circulate Hole

1:50

6.0

~~500~~ 150

Switch to Pump

Pump 2nd Stage

2:20

Shutdown / Wash Pump

~~10~~

2:30

6.0

150

Displacement

6.0

250

5.8

400

~~10~~

2:40

1.9

450

Slow Rate

1.9

450

Close Tool Release Back

~~10~~

2:45

0

1300

Float Held Job Complete

Prolific Resources

Randy Rose #1

242 Production, D.V. Longstring

**COMPANY:** POLARIC Resources, LLC  
**PROJECT:** #1 Randy Rose  
**FIELD:** WILDCAAT  
**LOCATION:** 330 FEEL & 3301 FHWL (SW 3/4) S16  
**DATE:** 3/15/15  
**WELL:** 15-109-21433

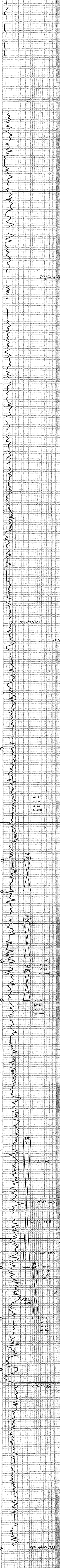
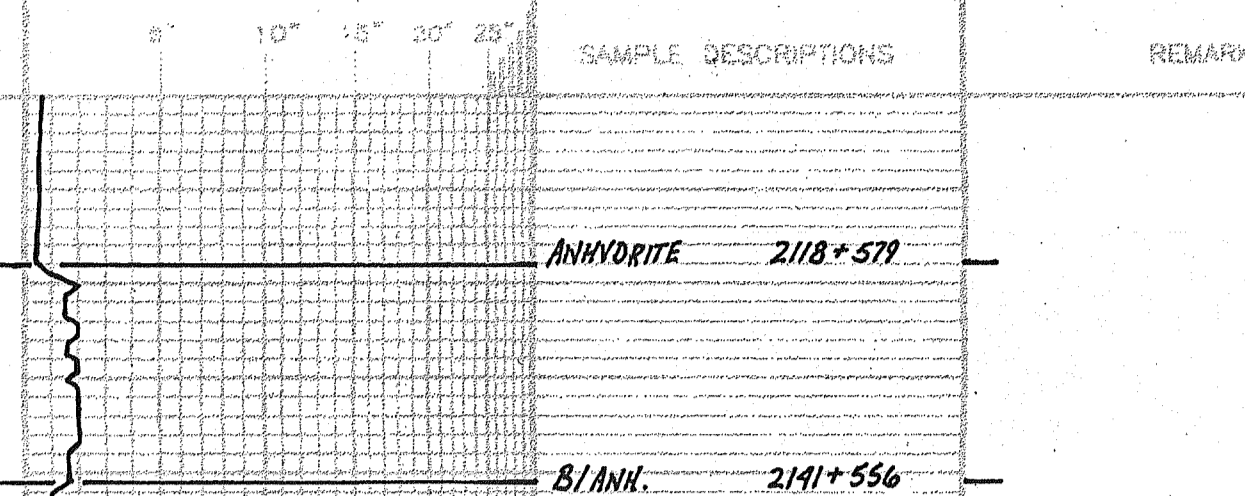
**LOGGING:** Logman STATE KANSAS  
**CONTRACT:** W-W Drilling & Rig 6  
**SPUD:** 8-19-15  
**WELL:** 4485  
**TYPE:** 3352  
**WELL:** 4485

**WELL:** 4485  
**LOG:** 4485  
**LOG:** 4485  
**LOG:** 4485  
**LOG:** 4485  
**LOG:** 4485

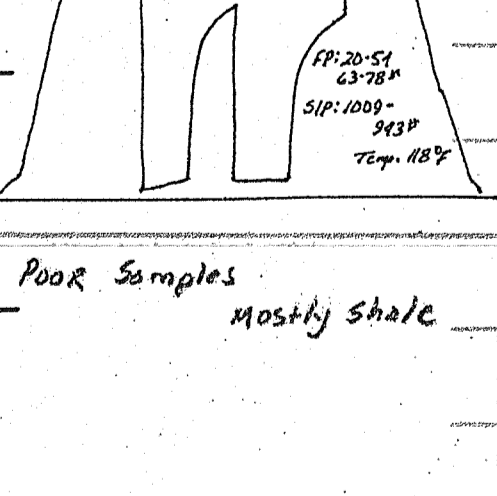
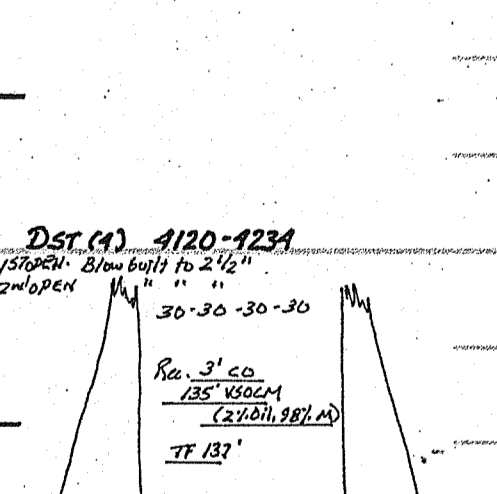
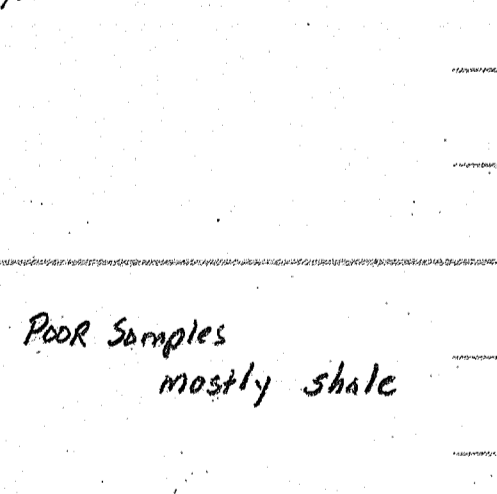
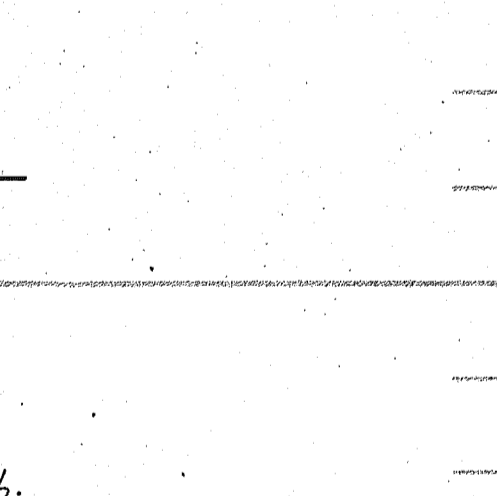
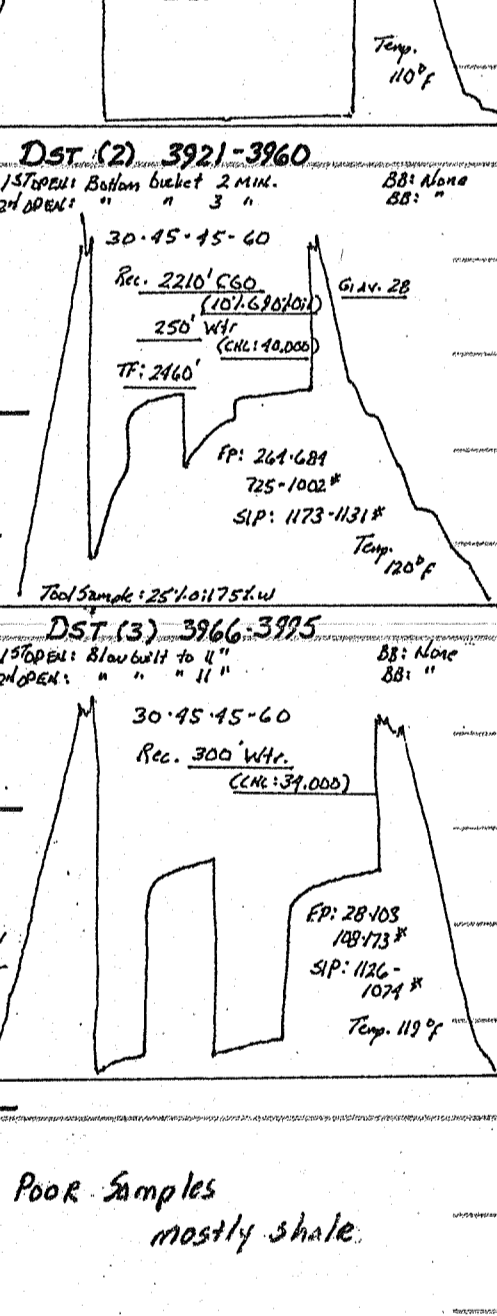
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- 8-31-15
- 8-31-15

**LEGEND**



DEPTH	SAMPLE DESCRIPTIONS	REMARKS
2100	ANHYDRITE 2118+579	
2150	BIANH. 2141+556	
2200		
2300		
2400	STOTLER 3272-575	
2500		
2600	Displaced Mud @ 3352	
2700	Samples are Lagged	
2800	sh. silty sh.	
2850	ls. wt. silty. sh. Foss.	
2900	sh. silty.	
2950	ls. wt. silty. sh. Foss. silty.	
3000	ls. wt. Foss. silty.	
3100	sh. silty. silty.	
3150	ls. wt. silty. Foss.	
3200	ls. wt. silty. Foss. silty. silty.	
3250	ls. sh. vs. silty. Foss. silty. silty.	
3300	sh. silty.	
3350	sh. silty. silty.	
3400	ls. wt. silty. Foss. silty.	
3450	sh. silty. silty.	
3500	ls. wt. silty. Foss. silty.	
3550	sh. silty. silty.	
3600	ls. wt. silty. Foss. silty.	
3650	sh. silty. silty.	
3700	ls. wt. silty. Foss. silty.	
3750	sh. silty. silty.	
3800	ls. wt. silty. Foss. silty.	
3850	sh. silty. silty.	
3900	ls. wt. silty. Foss. silty.	
3950	sh. silty. silty.	
4000	ls. wt. silty. Foss. silty.	
4050	sh. silty. silty.	
4100	ls. wt. silty. Foss. silty.	
4150	sh. silty. silty.	
4200	ls. wt. silty. Foss. silty.	
4250	sh. silty. silty.	
4300	ls. wt. silty. Foss. silty.	
4350	sh. silty. silty.	
4400	ls. wt. silty. Foss. silty.	
4450	sh. silty. silty.	
4500	ls. wt. silty. Foss. silty.	



Poor Samples mostly shale

Poor Samples mostly shale

Poor Samples mostly shale

Poor Samples Mostly shale

Samples Terrible All Shale to CS.