

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1240694  
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: \_\_\_\_\_

1240694

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# 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. 1120  
7-17-15

Date	1-16-15	Sec.	36	Twp.	16	Range	12	County	Barton	State	Ks	On Location		Finish	12:00 AM
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Lease: Rude-Woydzia unit  
Location: Hirschmann, Ks - 1/2 W, 51+0

Well No.	1	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Royal 2	Charge To	RJM Company
Type Job	Surface	T.D.	<del>407'</del> 407'
Hole Size	12 1/4"	Depth	407'
Csg.	8 5/8"	Depth	
Tbg. Size		Depth	
Tool		Depth	
Cement Left in Csg.	15'	Shoe Joint	15'
Meas Line		Displace.	25 @ BLS 2% Gel

**EQUIPMENT**

Pumptrk	20	No.	Cementer	Nick	Common
			Helper		Poz. Mix
Bulktrk	3	No.	Driver	Bitin	Gel.
			Driver		Calcium
Bulktrk	pu.	No.	Driver	Rick	

**JOB SERVICES & REMARKS**

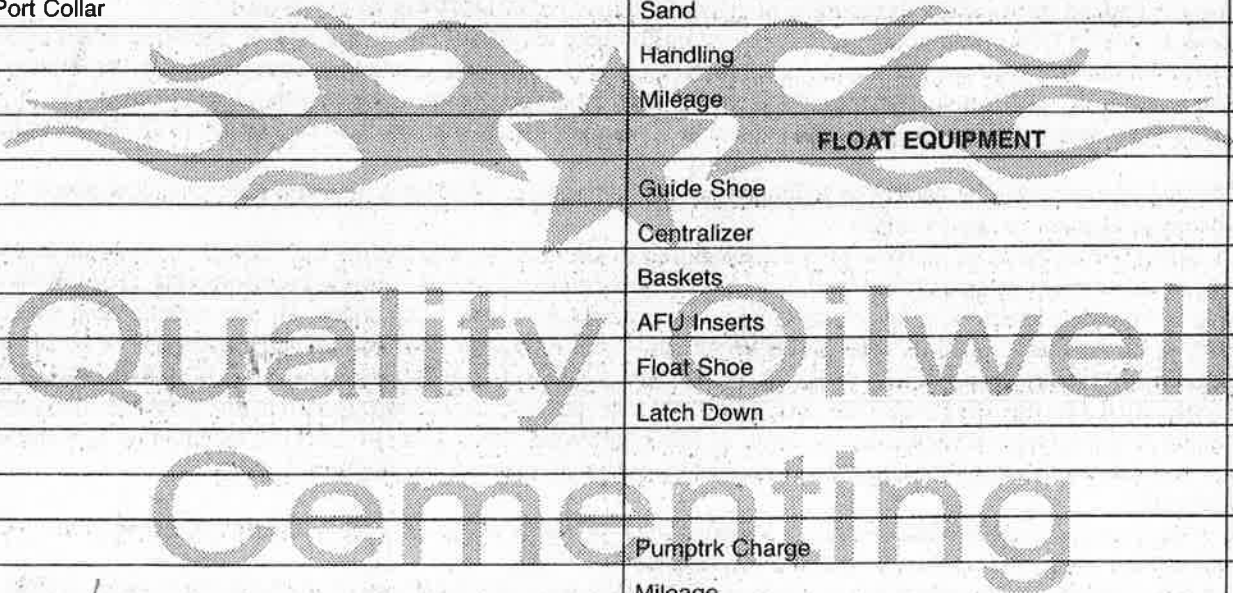
Remarks:	Cement did Circulate	Hulls
Rat Hole		Salt
Mouse Hole		Flowseal
Centralizers		Kol-Seal
Baskets		Mud CLR 48
D/V or Port Collar		CFL-117 or CD110 CAF 38
		Sand
		Handling
		Mileage

**FLOAT EQUIPMENT**

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	Pumptrk Charge
	Mileage

X Signature: *[Handwritten Signature]*

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. 912

Date	Sec.	Twp.	Range	County	State	On Location	Finish
1-23-15	36	16	12	Barton	KS		7:45 AM

Location: Hirschman 1/2 W SING

Lease	Rupe-Woydziaak	Well No. #1	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Royal #2		Charge To	RJM
Type Job	Production String		Street	
Hole Size	7 7/8	T.D. 3420'	City	State
Csg.	5 1/2	Depth 3419'	The above was done to satisfaction and supervision of owner agent or contractor.	
Tbg. Size		Depth	Cement Amount Ordered 180 cu 10% Salt 5% Gilsontite	
Tool		Depth	Cement Left in Csg. 42.43 Shoe Joint 42.43	
Meas Line		Displace 80 1/2 bbl		

**EQUIPMENT**

Pumptrk	5	No. Cementer Helper	David
Bulktrk	3	No. Driver	Ryan
Bulktrk	pu	No. Driver	Brett

Common
Poz. Mix
Gel.
Calcium

**JOB SERVICES & REMARKS**

Remarks:  
Rat Hole - 30 sx  
Mouse Hole - 15 sx  
Centralizers - 1-9  
Baskets - 2 + 5  
DV or Port Collar  
Ran 3419' of 5 1/2 + Est Cr  
Mix 500 Gal Mud Flush  
Plugged Rat + Mouse hole  
Mixed 135 sx down 5 1/2  
Displaced 80 1/2 bbl  
Lit Pressure @ 700 lbs  
Landed Plug @ 1400 lbs  
Plug held

Salt
Flowseal
Kol-Seal
Mud CLR 48 - 500 Gal
CFL-117 or CD110 CAF 38
Sand
Handling
Mileage
5 1/2 <b>FLOAT EQUIPMENT</b>
Guide Shoe
Centralizer - 9
Baskets - 2
AFU Inserts
Float Shoe - 1
Latch Down - 1
Pumptrk Charge
Mileage

X Signature *Tom Blake*

Tax
Discount
Total Charge



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: rupewoyd1dst1

TIME ON: 1-20 19:53  
TIME OFF: 1-21 02:38

Company RJM Lease & Well No. Rupe-Woydziak Unit 1  
Contractor Royal Drilling Rig #2 Charge to RJM  
Elevation 1940 KB Formation LKC A-G Effective Pay \_\_\_\_\_ Ft. Ticket No. S0534  
Date 1-20-15 Sec. 36 Twp. 16 S Range 12 W County Barton State KANSAS  
Test Approved By Wyatt Urban Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3098 ft. to 3209 ft. Total Depth 3209 ft.  
Packer Depth 3093 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.  
Packer Depth 3098 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3083 ft. Recorder Number 5515 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 3200 ft. Recorder Number 5586 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 56 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 8.9 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3,000 P.P.M. Drill Pipe Length 3065 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 111 (14.5 A) ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 6" Blow- Built to BB in 1 min Gas To Surface 20 min BBBB  
2nd Open: 7" Blow- Built to BB in 1 1/4 min BBBB

Recovered 58 ft. of OSM 1% O 99% M  
Recovered 63 ft. of HOCM 32% O 68% M  
Recovered 252 ft. of CO 100% O GRAVITY: 42 @ 60 degrees F  
Recovered 378 ft. of MCHGCO 30% G 51% O 19% M  
Recovered 751 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Remarks: _____	Other Charges
Diesel in bucket	Insurance
Tool Sample: <u>Blew Out</u>	Total

Time Set Packer(s) 9:40 PM A.M. P.M. Time Started Off Bottom 11:40 PM A.M. P.M. Maximum Temperature 101

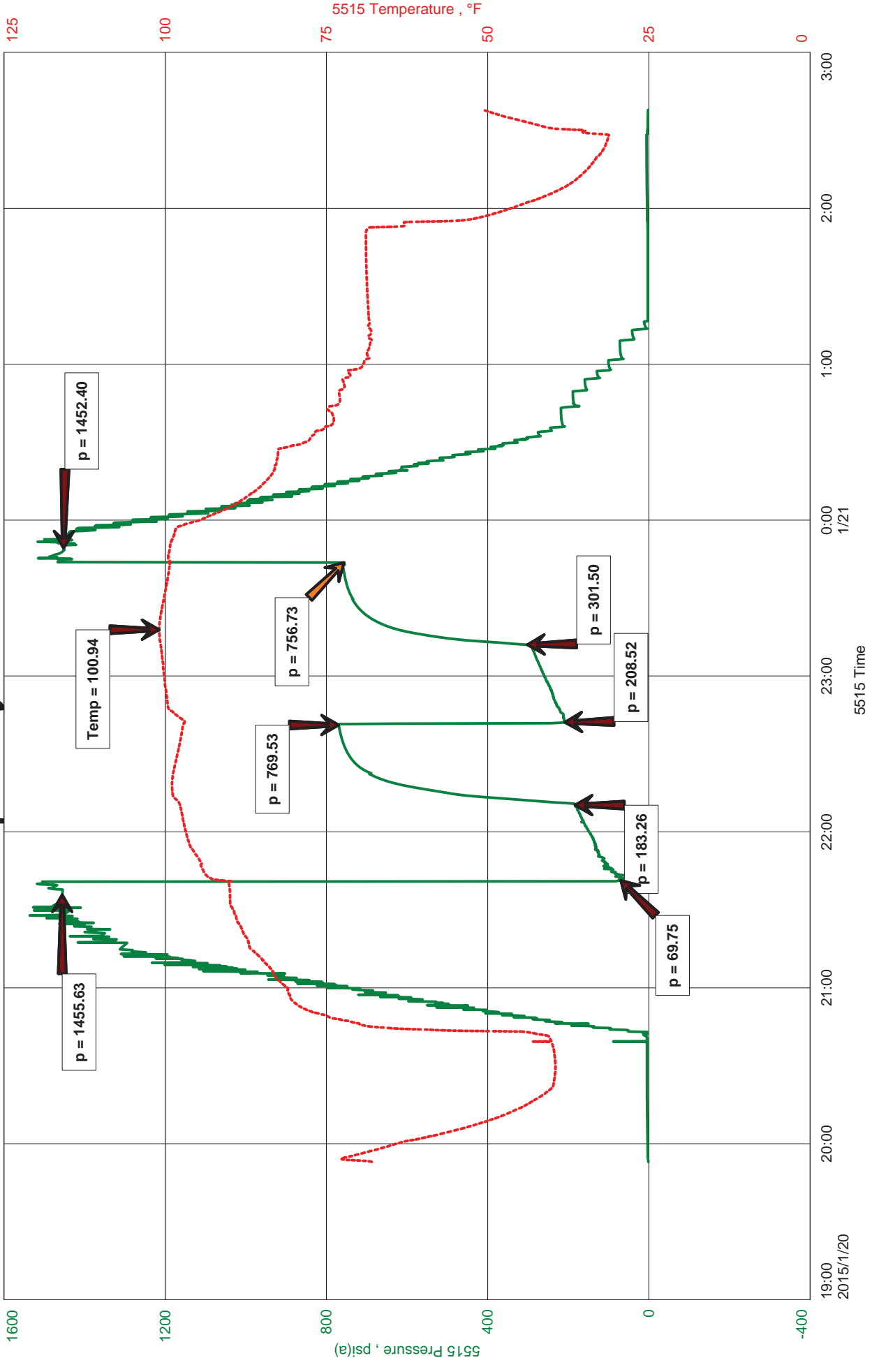
Initial Hydrostatic Pressure..... (A) 1456 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 70 P.S.I. to (C) 183 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 770 P.S.I.  
Final Flow Period..... Minutes 30 (E) 209 P.S.I. to (F) 302 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 757 P.S.I.  
Final Hydrostatic Pressure..... (H) 1452 P.S.I.

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

RJM  
DST #1 LKC A-G 3098-3209'  
Start Test Date: 2015/01/20  
Final Test Date: 2015/01/21

Rupe-Woydziak Unit 1  
Formation: DST #1 LKC A-G 3098-3209'  
Pool: Infield  
Job Number: S0534

# Rupe-Woydziak Unit 1





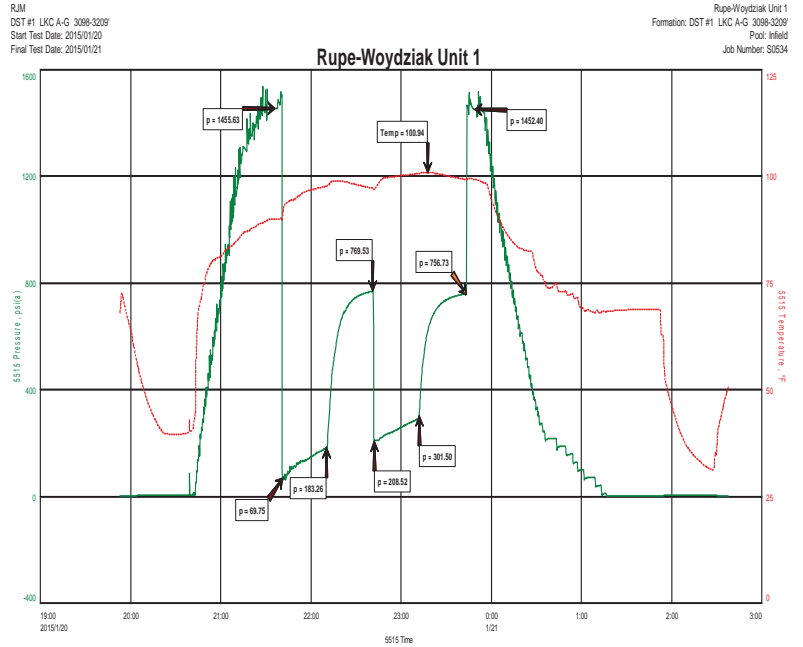
**Hoisington, Kansas**

**JACOB MCCALLIE**  
**620-617-7116**  
**mccallie.dtlc@gmail.com**

**General Information**

**Company Name** RJM

**Contact** Chris Hoffman  
**Well Name** Rupe-Woydziak Unit 1  
**Unique Well ID** DST #1 LKC A-G 3098-3209'  
**Surface Location** SEC 36-16S-12W Barton County  
**Field** Kraft-Prusa  
**Well Operator** RJM  
**Test Type** Drill Stem Test  
**Well Type** Vertical  
**Formation** DST #1 LKC A-G 3098-3209'  
**Well Fluid Type** 01 Oil  
**Test Purpose (AEUB)** Initial Test  
**Start Test Date** 2015/01/20  
**Start Test Time** 19:53:00  
**Final Test Date** 2015/01/21  
**Final Test Time** 02:38:00  
**Job Number** S0534  
**Representative** Jacob McCallie  
**Prepared By** Jacob McCallie  
**Report Date** 2015/01/20



**FLUID RECOVERY**

58'	OSM	1% O 99% M	
63'	HOCM	32% O 68% M	
252'	CO	100% O	GRAVITY: 42 @ 60 degrees F
378'	MCHGCO	30% G 51% O 19% M	
751'	TOTAL FLUID		

**TOOL SAMPLE:**  
 Blew out





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: rupewoyd1dst2

TIME ON: 14:05  
TIME OFF: 19:11

Company RJM Lease & Well No. Rupe-Woydziak Unit 1  
Contractor Royal Drilling Rig #2 Charge to RJM  
Elevation 1940 KB Formation \_\_\_\_\_ Lower Lan Effective Pay \_\_\_\_\_ Ft. Ticket No. S0535  
Date 1-21-15 Sec. 36 Twp. \_\_\_\_\_ 16 S Range \_\_\_\_\_ 12 W County \_\_\_\_\_ Barton State KANSAS  
Test Approved By Wyatt Urban Diamond Representative \_\_\_\_\_ Jacob McCallie

Formation Test No. 2 Interval Tested from 3232 ft. to 3320 ft. Total Depth 3320 ft.

Packer Depth 3227 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3232 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3217 ft. Recorder Number \_\_\_\_\_ 5515 Cap. \_\_\_\_\_ 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3300 ft. Recorder Number \_\_\_\_\_ 5586 Cap. \_\_\_\_\_ 5,000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 52 Drill Collar Length \_\_\_\_\_ 0 ft. I.D. 2 1/4 in.

Weight 8.9 Water Loss 8.0 cc. Weight Pipe Length \_\_\_\_\_ 0 ft. I.D. 2 7/8 in.

Chlorides 8,000 P.P.M. Drill Pipe Length 3203 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number N/A Test Tool Length 29 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 88 (23.5A) ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/2" Blow- Built to 2" in 30 min **NOBB**

2nd Open: WSB- (flushed tool 15 min in) Built to 2" in 30 min **NOBB**

Recovered 20 ft. of OSM 3% O 97% M

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

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

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

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

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

Remarks: \_\_\_\_\_

Diesel in bucket

Tool Sample: 4% O 96% M

Time Set Packer(s) 3:40 PM A.M. Time Started Off Bottom 5:40 PM P.M. Maximum Temperature 95

Initial Hydrostatic Pressure..... (A) 1519 P.S.I.

Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 15 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 260 P.S.I.

Final Flow Period..... Minutes 30 (E) 16 P.S.I. to (F) 22 P.S.I.

Final Closed In Period..... Minutes 30 (G) 56 P.S.I.

Final Hydrostatic Pressure..... (H) 1515 P.S.I.

Price Job
Other Charges
Insurance
Total

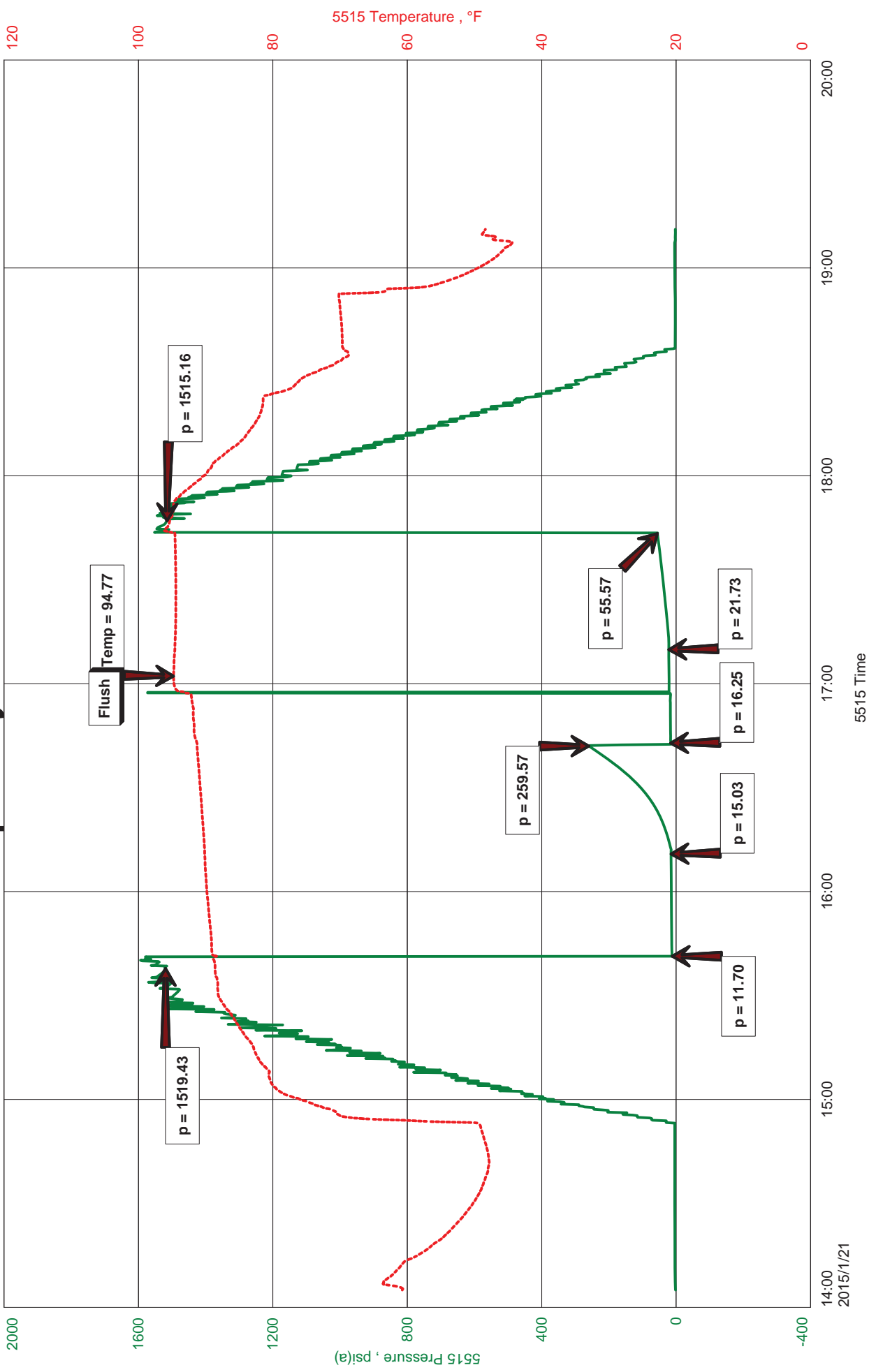
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

RJM

DST #2 Lower Lans 3232-3320'  
Start Test Date: 2015/01/21  
Final Test Date: 2015/01/21

Rupe-Woydziak Unit 1  
Formation: DST #2 Lower Lans 3232-3320'  
Pool: Infield  
Job Number: S0535

# Rupe-Woydziak Unit 1





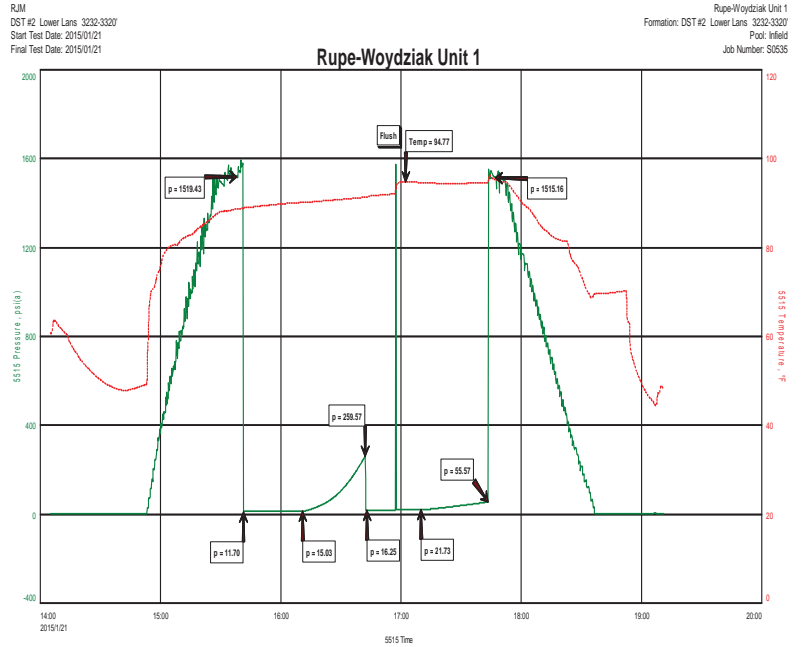
**Hoisington, Kansas**

**JACOB MCCALLIE**  
**620-617-7116**  
**mccallie.dtlc@gmail.com**

**General Information**

**Company Name** RJM

**Contact** Chris Hoffman  
**Well Name** Rupe-Woydziak Unit 1  
**Unique Well ID** DST #2 Lower Lans 3232-3320'  
**Surface Location** SEC 36-16S-12W Barton County  
**Field** Kraft-Prusa  
**Well Operator** RJM  
**Test Type** Drill Stem Test  
**Well Type** Vertical  
**Formation** DST #2 Lower Lans 3232-3320'  
**Well Fluid Type** 01 Oil  
**Test Purpose (AEUB)** Initial Test  
**Start Test Date** 2015/01/21  
**Start Test Time** 14:05:00  
**Final Test Date** 2015/01/21  
**Final Test Time** 19:11:00  
**Job Number** S0535  
**Representative** Jacob McCallie  
**Prepared By** Jacob McCallie  
**Report Date** 2015/01/21



**FLUID RECOVERY**

**20' OSM 3% O 97% M**

**TOOL SAMPLE:**  
**4% O 96% M**



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: rupewoyd1dst3

TIME ON: 02:51  
TIME OFF: 08:31

Company RJM Lease & Well No. Rupe-Woydziak Unit 1  
Contractor Royal Drilling Rig #2 Charge to RJM  
Elevation 1940 KB Formation \_\_\_\_\_ Basal Sd \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. S0536  
Date 1-22-15 Sec. 36 Twp. \_\_\_\_\_ 16 S Range \_\_\_\_\_ 12 W County \_\_\_\_\_ Barton State KANSAS  
Test Approved By Wyatt Urban Diamond Representative \_\_\_\_\_ Jacob McCallie

Formation Test No. 3 Interval Tested from 3326 ft. to 3362 ft. Total Depth 3362 ft.

Packer Depth 3321 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3326 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3311 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3330 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 8.9 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 8,000 P.P.M. Drill Pipe Length 3300 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number N/A Test Tool Length 29 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 33 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB- Built to 2" in 30 min NOBB

2nd Open: WSB- No Build NOBB

Recovered 3 ft. of Mud 100% M

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

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

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

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

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

Remarks: \_\_\_\_\_

Diesel in bucket

Tool Sample: 100% M (slight specks of oil)

Time Set Packer(s) 4:53 AM A.M. Time Started Off Bottom 6:53 AM A.M. Maximum Temperature 95  
P.M. P.M.

Initial Hydrostatic Pressure..... (A) 1560 P.S.I.

Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 13 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 42 P.S.I.

Final Flow Period..... Minutes 30 (E) 12 P.S.I. to (F) 13 P.S.I.

Final Closed In Period..... Minutes 30 (G) 31 P.S.I.

Final Hydrostatic Pressure..... (H) 1568 P.S.I.

Price Job
Other Charges
Insurance
Total

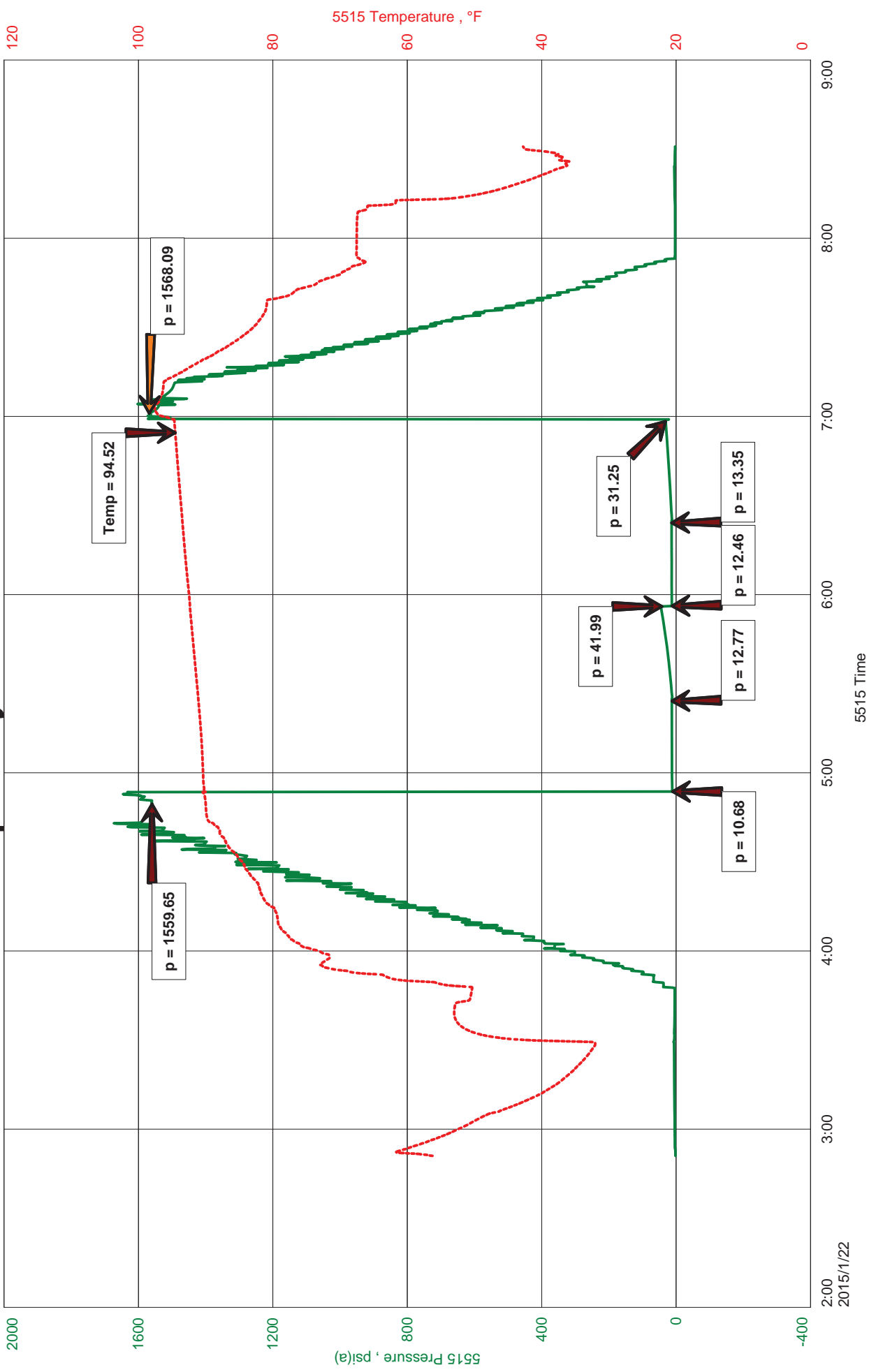
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

RJM

DST #3 Basal Sd 3326-3362'  
Start Test Date: 2015/01/22  
Final Test Date: 2015/01/22

Rupe-Woydziak Unit 1  
Formation: DST #3 Basal Sd 3326-3362'  
Pool: Infield  
Job Number: S0536

# Rupe-Woydziak Unit 1





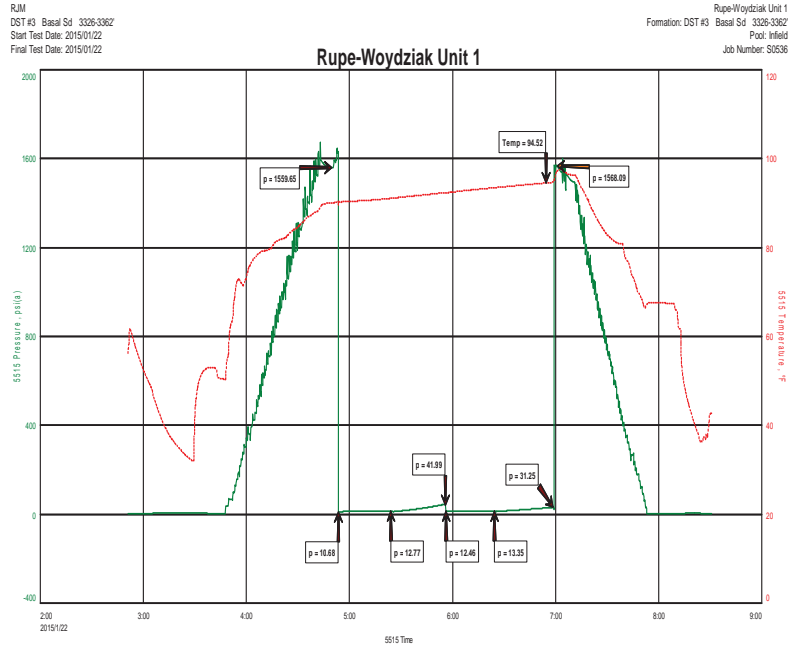
**Hoisington, Kansas**

**JACOB MCCALLIE**  
**620-617-7116**  
**mccallie.dtlc@gmail.com**

**General Information**

**Company Name** RJM

**Contact** Chris Hoffman  
**Well Name** Rupe-Woydziak Unit 1  
**Unique Well ID** DST #3 Basal Sd 3326-3362'  
**Surface Location** SEC 36-16S-12W Barton County  
**Field** Kraft-Prusa  
**Well Operator** RJM  
**Test Type** Drill Stem Test  
**Well Type** Vertical  
**Formation** DST #3 Basal Sd 3326-3362'  
**Well Fluid Type** 01 Oil  
**Test Purpose (AEUB)** Initial Test  
**Start Test Date** 2015/01/22  
**Start Test Time** 02:51:00  
**Final Test Date** 2015/01/22  
**Final Test Time** 08:31:00  
**Job Number** S0536  
**Representative** Jacob McCallie  
**Prepared By** Jacob McCallie  
**Report Date** 2015/01/22



**FLUID RECOVERY**

3' Mud 100% M

**TOOL SAMPLE:**  
**100% M (slight specks of oil)**