



**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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

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

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

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

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

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

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

Total 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**

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



1128609

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

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

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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<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 (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Richlan Drilling, a General Partnership
Well Name	Schneweis 10
Doc ID	1128609

Tops

Name	Top	Datum
Stone Corral	749	+1157
Tarkio	2488	-582
Topeka	2667	-761
Heebner Shale	2953	-1047
Toronto	2968	-1062
Douglas Sh	2983	-1077
LKC	3071	-1165
BKC	3322	-1416
Arbuckle	3374	-1468
LTD	3352	-1646

# ALLIED OIL & GAS SERVICES, LLC

054164

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Russell

DATE <u>3-12-13</u>	SEC# <u>5</u>	TWP. <u>17</u>	RANGE <u>11</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Schm...</u>	WELL #	LOCATION <u>Russell Kc</u>				COUNTY	STATE
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Subcontract #4 OWNER \_\_\_\_\_

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 492.39'

CASING SIZE 8 1/2 DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 15'

CEMENT LEFT IN CSG. 15

PERFS. \_\_\_\_\_

DISPLACEMENT 2973 gals

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>Tom L</u>
# <u>707</u>	HELPER <u>Kevin R</u>
BULK TRUCK	DRIVER <u>Dustin D.</u>
# <u>710</u>	DRIVER _____
BULK TRUCK	DRIVER _____
# _____	DRIVER _____

HANDLING 271.10 lbs @ 2.43 661.72.33

MILEAGE 432.00 gals @ 2.00 864.00

TOTAL 466.96507

**REMARKS:**

\* 1.1 mil to mud to surface  
 \* Pump Canal P25056 = 38.01 gals  
 \* Displace Pump 1 lb 5 1/2 D =  
27.13 gals  
1.1 mil to mud to surface  
Amount

**SERVICE**

DEPTH OF JOB 472.39'

PUMP TRUCK CHARGE 2213.95

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE Heavy 35m @ 7.70 1129.50

MANIFOLD Light 35m @ 4.40 154.00

TOTAL @ \_\_\_\_\_

CHARGE TO: Richard Drilling

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

1x 8" 800 Rubber Plug @ — 4131.04

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

TOTAL 4131.04

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 47733.38

DISCOUNT 2522.68

PRINTED NAME Kevin L. Yoffe IF PAID IN 30 DAYS

SIGNATURE [Signature]



**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC/Schneweis10dst1

Company Richlan Drilling Lease & Well No. Schneweis No. 10  
Elevation 1906 KB Formation Douglas Effective Pay \_\_\_\_\_ Ft. Ticket No. J3092  
Date 3-15-13 Sec. 5 Twp. 17S Range 11W County Barton State Kansas  
Test Approved By Robert A. (Bob) Schreiber Diamond Representative \_\_\_\_\_ John C. Riedl

Formation Test No. 1 Interval Tested from 2,981 ft. to 3,056 ft. Total Depth 3,056 ft.  
Packer Depth 2,976 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 2,981 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 2,984 ft. Recorder Number 30046 Cap. 6,000 psi.  
Bottom Recorder Depth (Outside) 3,053 ft. Recorder Number 11073 Cap. 4,000 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 4 Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Mud Type Chemical Viscosity 46 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Weight 9.1 Water Loss 9.6 cc. Drill Pipe Length 2,961 ft I.D. 3 1/2 in.  
Chlorides 5,200 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 75 ft. Size 4 1/2-FH in.  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, 3 in., blow decreasing. Dead in 15 mins. Flushed tool but didn't bring back blow. No blow back during shut-in.  
2nd Open: Weak, 1/4 in., blow. Dead in 5 mins. No blow back during shut-in.

Recovered 50 ft. of drilling mud = .711500 bbls.  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks Tool Sample Grind Out: 100%-mud  
Tool slid 10 ft. when tool opened.

Time Set Packer(s) 11:40 A.M. Time Started off Bottom 1:40 P.M. Maximum Temperature 96°  
Initial Hydrostatic Pressure.....(A) 1422 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 27 P.S.I. to (C) 33 P.S.I.  
Initial Closed In Period.....Minutes 30 (D) 165 P.S.I.  
Final Flow Period.....Minutes 30 (E) 29 P.S.I. to (F) 35 P.S.I.  
Final Closed In Period.....Minutes 30 (G) 111 P.S.I.  
Final Hydrostatic Pressure.....(H) 1394 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: RICHLAN DRLG  
 Contact: RICK SCHREIBER  
 Phone: Fax: e-mail:

### Site Information:

Contact: BOB SCHREIBER  
 Phone: Fax: e-mail:

### Well Information:

Name: SCHNEWEIS #10  
 Operator: RICHLAN DRLG  
 Location-Downhole:  
 Location-Surface: S5/17S/11W

### Test Information:

Company:	DIAMOND TESTING		
Representative:	JOHN RIEDL		
Supervisor:	BOB SCHREIBER		
Test Type:	CONVENTIONAL	Job Number:	D1296
Test Unit:			
Start Date:	2013/03/15	Start Time:	09:20:00
End Date:	2013/03/15	End Time:	13:10:00
Report Date:	2013/03/15	Prepared By:	JOHN RIEDL

### Remarks:

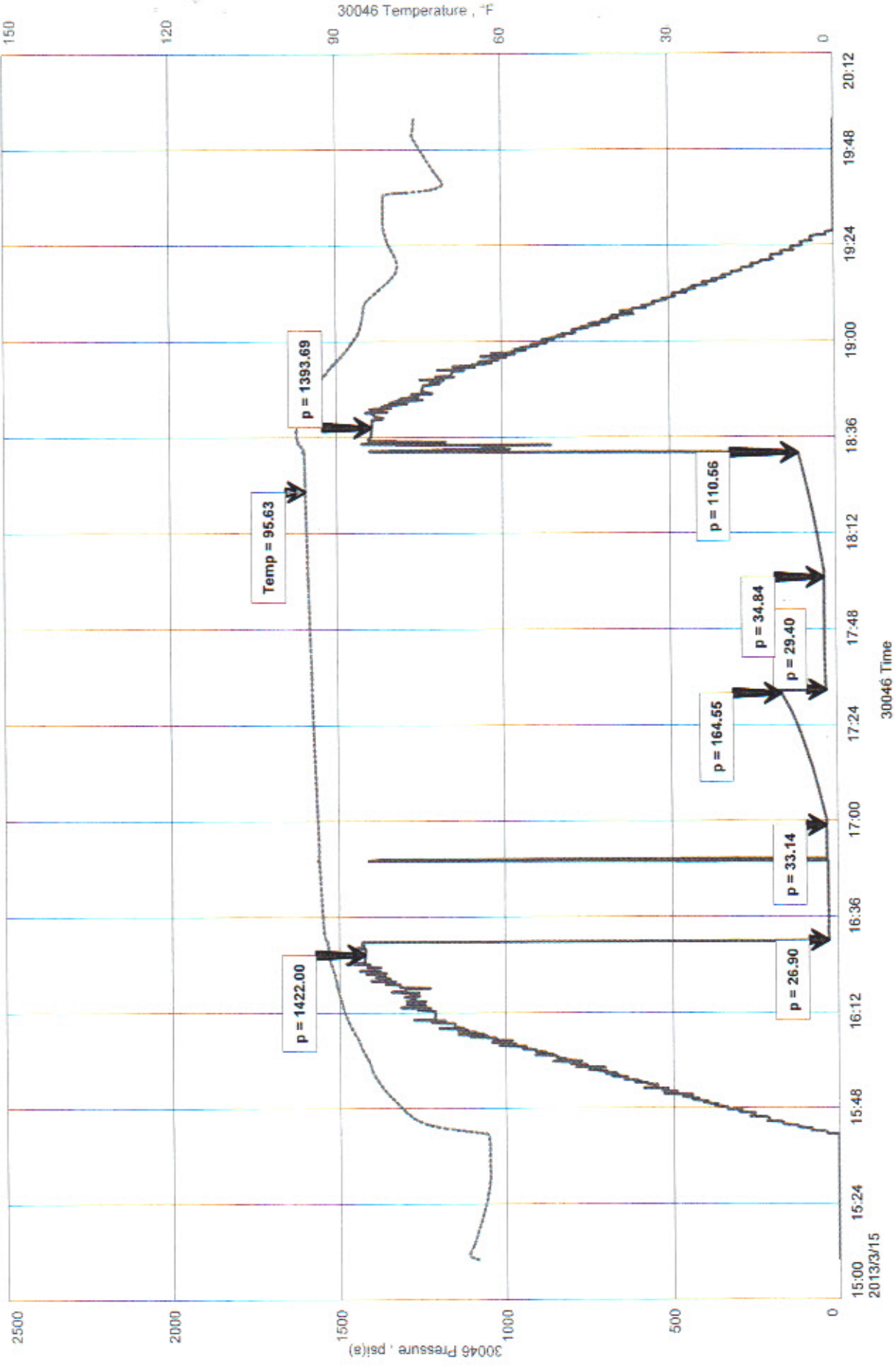
RECOVERY: 50' DRILLING MUD

Qualified By: BOB SCHREIBER

RICHLAN DRLG  
Start Test Date: 2013/03/15  
Final Test Date: 2013/03/15

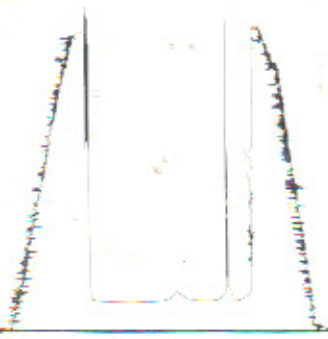
# SCHNEWEIS #10

SCHNEWEIS #10  
Formation: DST #1 DOUGLAS  
Job Number: D1296



RICHARD ML6 DST 1  
SCHNITZER #10 3/15/2

RDC 11073  
OUTSIDE







**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC/Schneeweis10dst2

Company Richlan Drilling Lease & Well No. Schneeweis No. 10  
Elevation 1906 KB Formation Lansing/Kansas City "A"-"C" Effective Pay \_\_\_\_\_ Ft. Ticket No. J3093  
Date 3-16-13 Sec. 5 Twp. 17S Range 11W County Barton State Kansas  
Test Approved By Robert A. (Bob) Schreiber Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,056 ft. to 3,112 ft. Total Depth 3,112 ft.  
Packer Depth 3,051 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3,056 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 3,059 ft. Recorder Number 30046 Cap. 6,000 psi.  
Bottom Recorder Depth (Outside) 3,109 ft. Recorder Number 11073 Cap. 4,000 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 4 Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Mud Type Chemical Viscosity 48 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Weight 9.1 Water Loss 9.3 cc. Drill Pipe Length 3,036 ft I.D. 3 1/2 in.  
Chlorides 5,500 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 56 ft. Size 4 1/2-FH in.  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 4 mins. No blow back during shut-in.  
2nd Open: Strong blow. Off bottom of bucket in 5 mins. Weak blow back during shut-in.

Recovered 700 ft. of gas in pipe  
Recovered 170 ft. of very slightly oil cut gassy muddy water = 2.419100 bbls. (Grind out: 2%-oil; 10%-gas; 40%-mud; 48%-water) Chlorides: 25,000 Ppm  
Recovered 170 ft. of TOTAL FLUID = 2.419100 bbls.  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Remarks Tool Sample Grind Out: 1%-oil; 10%-mud; 89%-water

Time Set Packer(s) 1:40 A.M. Time Started off Bottom 3:55 A.M. Maximum Temperature 103°  
Initial Hydrostatic Pressure.....(A) 1450 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 15 P.S.I. to (C) 60 P.S.I.  
Initial Closed In Period.....Minutes 30 (D) 812 P.S.I.  
Final Flow Period.....Minutes 30 (E) 59 P.S.I. to (F) 89 P.S.I.  
Final Closed In Period.....Minutes 45 (G) 811 P.S.I.  
Final Hydrostatic Pressure.....(H) 1419 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: RICHLAN DRLG  
 Contact: RICK SCHREIBER  
 Phone:                      Fax:                      e-mail:

### Site Information:

Contact: BOB SCHREIBER  
 Phone:                      Fax:                      e-mail:

### Well Information:

Name: SCHNEWEIS #10  
 Operator: RICHLAN DRLG  
 Location-Downhole:  
 Location-Surface: S5/17S/11W

### Test Information:

Company:	DIAMOND TESTING		
Representative:	JOHN RIEDL		
Supervisor:	BOB SCHREIBER		
Test Type:	CONVENTIONAL	Job Number:	D1297
Test Unit:			
Start Date:	2013/03/16	Start Time:	00:01:00
End Date:	2013/03/16	End Time:	05:40:00
Report Date:	2013/03/16	Prepared By:	JOHN RIEDL
		Qualified By:	BOB SCHREIBER

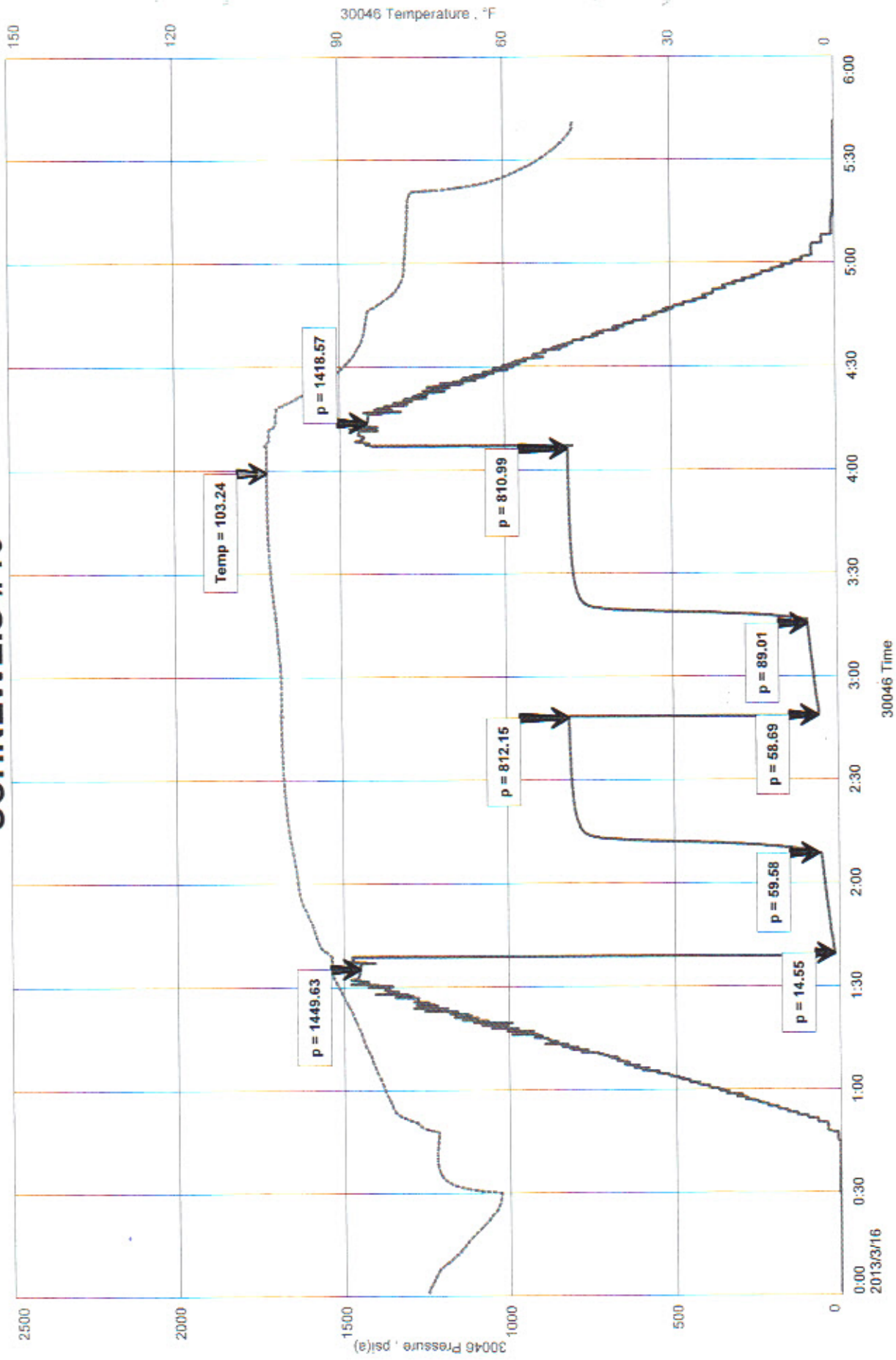
### Remarks:

RECOVERY: 700' GAS IN PIPE, 170' VERY SLIGHTLY OIL CUT GASSY MUDDY WATER

SCHNEWEIS #10  
Formation: DST #2 LKC A-C  
Job Number: D1297

RICHLAN DRLG  
Start Test Date: 2013/03/16  
Final Test Date: 2013/03/16

# SCHNEWEIS #10



RICHMAN 2866 DST 2  
SC#NEWORS #10 3/16/13

ROC 4023  
OUTSIDE





**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC/Schneweis10dst3

Company Richlan Drilling Lease & Well No. Schneweis No. 10  
Elevation 1906 KB Formation Lansing/Kansas City "F" & "G" Effective Pay      Ft. Ticket No. J3094  
Date 3-16-13 Sec. 5 Twp. 17S Range 11W County Barton State Kansas  
Test Approved By Robert A. (Bob) Schreiber Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,140 ft. to 3,160 ft. Total Depth 3,160 ft.  
Packer Depth 3,135 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Packer Depth 3,140 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,143 ft. Recorder Number 30046 Cap. 6,000 psi.  
Bottom Recorder Depth (Outside) 3,157 ft. Recorder Number 11073 Cap. 4,000 psi.  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 4 Drill Collar Length      ft I.D.      in.  
Mud Type Chemical Viscosity 46 Weight Pipe Length      ft I.D.      in.  
Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,120 ft I.D. 3 1/2 in.  
Chlorides 6,600 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 20 ft. Size 4 1/2-FH in.  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 6 mins. No blow back during shut-in.  
2nd Open: Strong blow. Off bottom of bucket in 9 mins. No blow back during shut-in.

Recovered 150 ft. of gas in pipe  
Recovered 90 ft. of slightly oil cut gassy watery mud = 1.280700 bbls. (Grind out: 3%-oil; 15%-gas; 30%-water; 52%-mud)  
Recovered 700 ft. of gassy water = 9.961000 bbls. (Grind out: 10%-gas; 90%-water) Chlorides: 86,000 Ppm  
Recovered 790 ft. of TOTAL FLUID = 11.241700 bbls.  
Recovered      ft. of       
Recovered      ft. of       
Remarks Tool Sample Grind Out: 5%-gas; 95%-water

Time Set Packer(s) 5:55 P.M. Time Started off Bottom 7:55 P.M. Maximum Temperature 107°  
Initial Hydrostatic Pressure.....(A) 1489 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 31 P.S.I. to (C) 165 P.S.I.  
Initial Closed In Period.....Minutes 30 (D) 618 P.S.I.  
Final Flow Period.....Minutes 30 (E) 177 P.S.I. to (F) 283 P.S.I.  
Final Closed In Period.....Minutes 30 (G) 615 P.S.I.  
Final Hydrostatic Pressure.....(H) 1468 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: RICHLAN DRLG  
 Contact: RICK SCHREIBER  
 Phone: Fax: e-mail:

### Site Information:

Contact: BOB SCHREIBER  
 Phone: Fax: e-mail:

### Well Information:

Name: SCHNEWEIS #10  
 Operator: RICHLAN DRLG  
 Location-Downhole:  
 Location-Surface: S5/17S/11W

### Test Information:

Company: DIAMOND TESTING  
 Representative: JOHN RIEDL  
 Supervisor: BOB SCHREIBER  
 Test Type: CONVENTIONAL Job Number: D1298  
 Test Unit:  
 Start Date: 2013/03/16 Start Time: 16:50:00  
 End Date: 2013/03/16 End Time: 21:45:00  
 Report Date: 2013/03/16 Prepared By: JOHN RIEDL

### Remarks:

Qualified By: BOB SCHREIBER

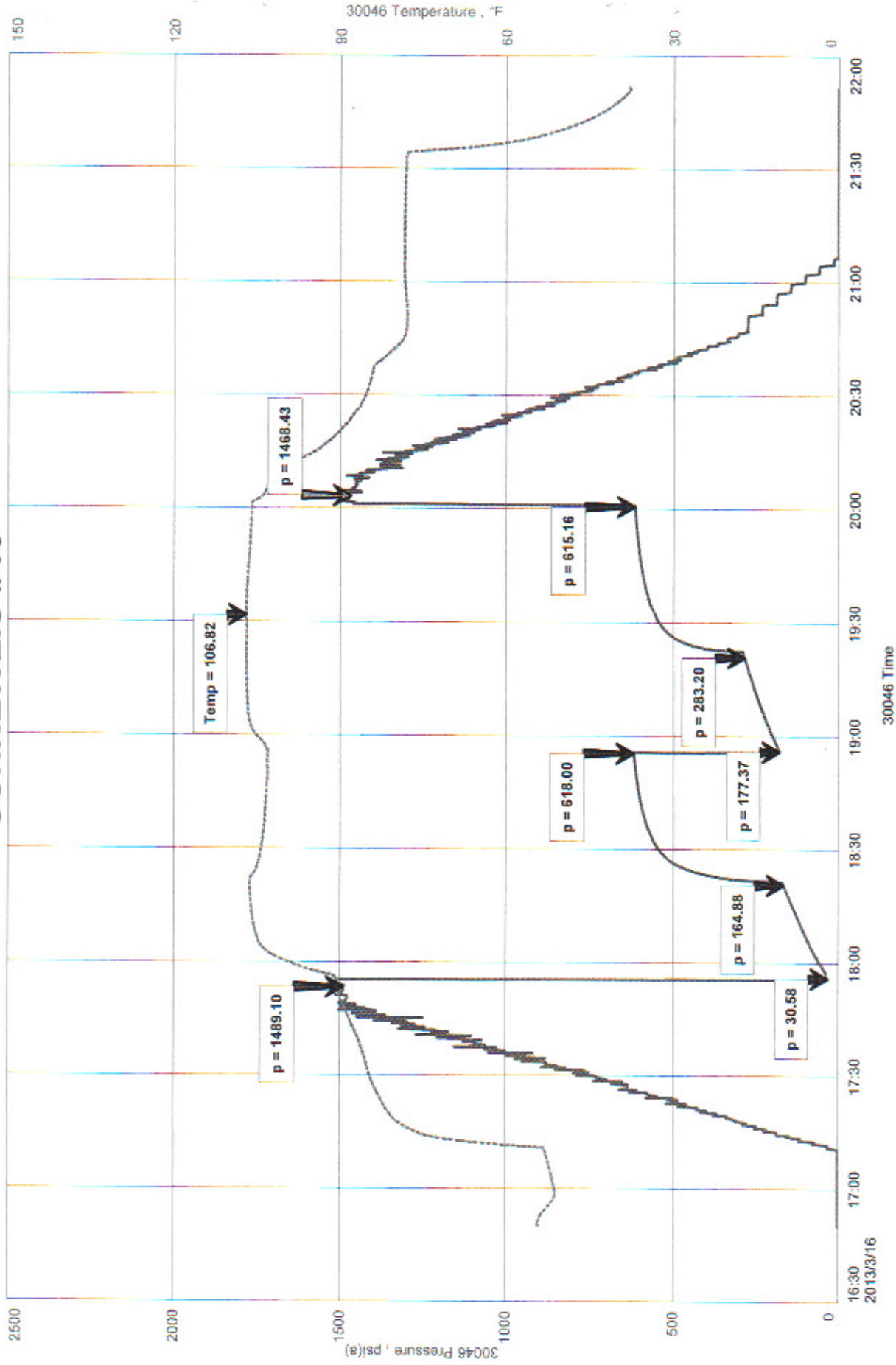
RECOVERY: 150' GAS IN PIPE, 90' SLIGHTLY OIL CUT GASSY WATERY MUD, 700' GASSY WATER

RICHLAN DRLG

Start Test Date: 2013/03/16  
Final Test Date: 2013/03/16

SCHNEWEIS #10  
Formation: DST #3 LKC F-G  
Job Number: D1298

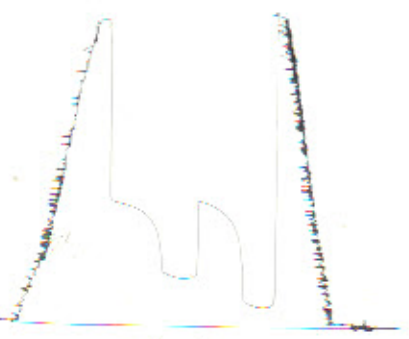
# SCHNEWEIS #10



WICKHAM  
SANDWICH #10

PST 3  
3/16/13

ROC 11023  
OUTSIDE







**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC/Schneweis10dst4

Company Richlan Drilling Lease & Well No. Schneweis No. 10  
Elevation 1906 KB Formation Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. J3095  
Date 3-18-13 Sec. 5 Twp. 17S Range 11W County Barton State Kansas  
Test Approved By Robert A. (Bob) Schreiber Diamond Representative John C. Riedl

Formation Test No. 4 Interval Tested from 3,305 ft. to 3,381 ft. Total Depth 3,381 ft.  
Packer Depth 3,300 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3,305 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 3,308 ft. Recorder Number 30046 Cap. 6,000 psi.  
Bottom Recorder Depth (Outside) 3,378 ft. Recorder Number 11073 Cap. 4,000 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 4 Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Mud Type Chemical Viscosity 47 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Weight 9.2 Water Loss 8.4 cc. Drill Pipe Length 3,285 ft I.D. 3 1/2 in.  
Chlorides 6,000 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 76 ft. Size 4 1/2-FH in.  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 3 mins. No blow back during shut-in.  
2nd Open: Strong blow. Off bottom of bucket in 4 mins. No blow back during shut-in.

Recovered 1,650 ft. of sulfur water = 23.479500 bbls. (Chlorides: 26,000 Ppm)  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks Tool Sample Grind Out: 100%-water

Time Set Packer(s) 4:25 A.M. Time Started off Bottom 5:55 A.M. Maximum Temperature 110°  
Initial Hydrostatic Pressure.....(A) \_\_\_\_\_ 1567 P.S.I.  
Initial Flow Period.....Minutes 15 (B) \_\_\_\_\_ 21 P.S.I. to (C) \_\_\_\_\_ 593 P.S.I.  
Initial Closed In Period.....Minutes 30 (D) \_\_\_\_\_ 1081 P.S.I.  
Final Flow Period.....Minutes 5 (E) \_\_\_\_\_ 610 P.S.I. to (F) \_\_\_\_\_ 774 P.S.I.  
Final Closed In Period.....Minutes 40 (G) \_\_\_\_\_ 1082 P.S.I.  
Final Hydrostatic Pressure.....(H) \_\_\_\_\_ 1557 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: RICHLAN DRLG  
 Contact: RICK SCHREIBER  
 Phone: Fax: e-mail:

### Site Information:

Contact: BOB SCHREIBER  
 Phone: Fax: e-mail:

### Well Information:

Name: SCHNEWEIS #10  
 Operator: RICHLAN DRLG  
 Location-Downhole:  
 Location-Surface: S5/17S/11W

### Test Information:

Company:	DIAMOND TESTING		
Representative:	JOHN RIEDL		
Supervisor:	BOB SCHREIBER		
Test Type:	CONVENTIONAL	Job Number:	D1299
Test Unit:			
Start Date:	2013/03/18	Start Time:	02:45:00
End Date:	2013/03/18	End Time:	08:45:00
Report Date:	2013/03/18	Prepared By:	JOHN RIEDL
<b>Remarks:</b>		Qualified By:	BOB SCHREIBER

RECOVERY: 1650' SULFUR WATER

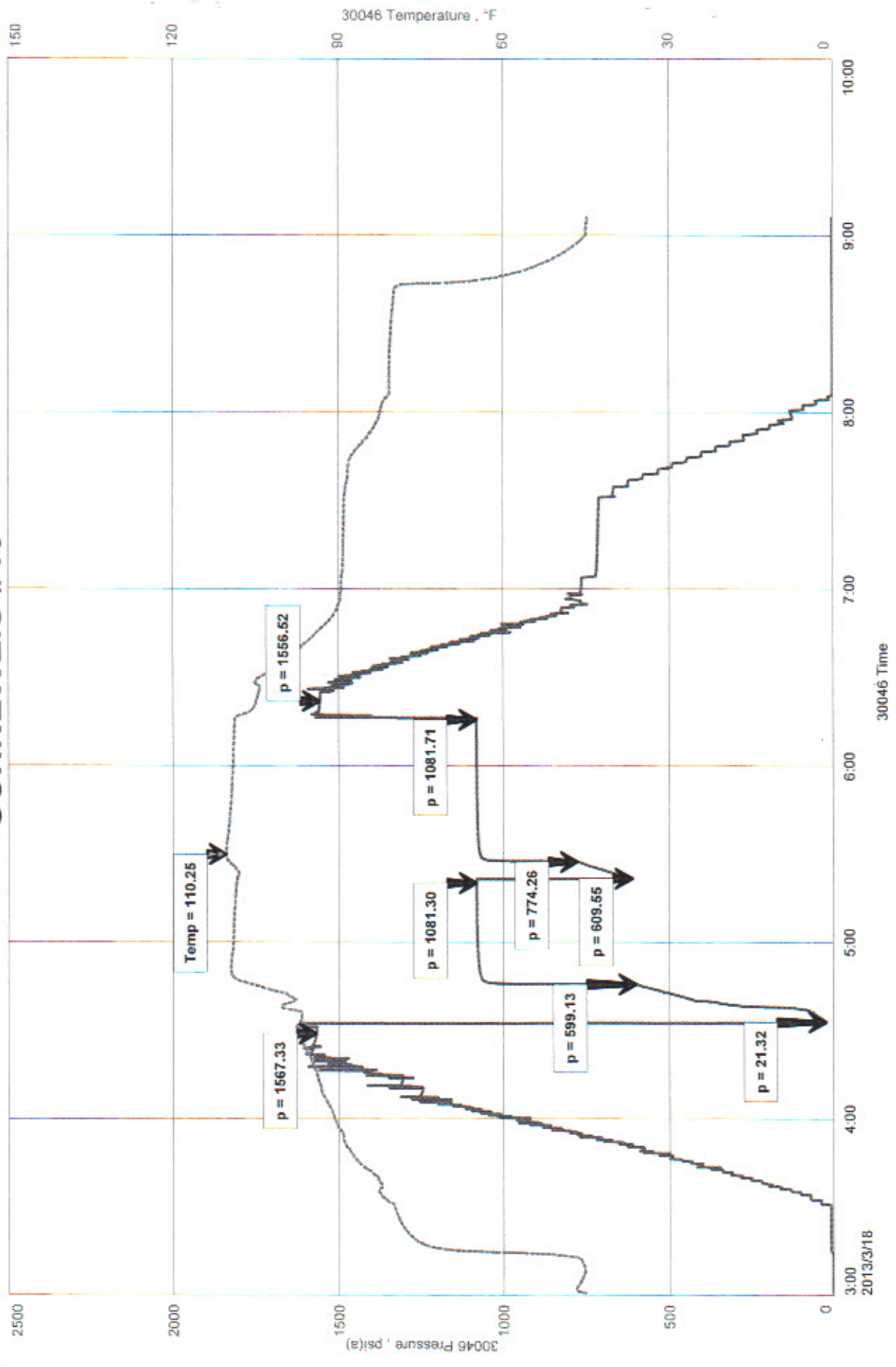
RICHLAN DRLG

Start Test Date: 2013/03/18

Final Test Date: 2013/03/18

SCHNEWEIS #10  
Formation: DST #4 ARBUCKLE  
Job Number: D1299

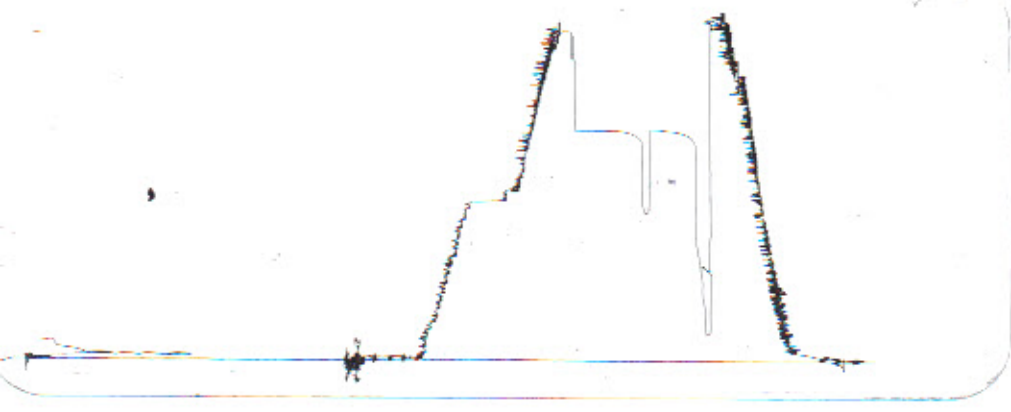
# SCHNEWEIS #10



SCHWANDER #7  
RICHMAN ALLO

DST 4  
3/18/13

ROC 11673  
OUTS 100





P. O. Box 466  
Ness City, KS 67560  
Off: 785-798-2300



# Invoice

DATE	INVOICE #
3/19/2013	23952

BILL TO
Richlan Drilling 598 2nd Ave. Beaver, KS 67525

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#10	Schneweis	Barton	SouthWind Drillin...	SWD	Development	LongString	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				60	Miles	6.00	360.00
578D-L	Pump Charge - Long String - 3554 Feet				1	Job	1,500.00	1,500.00
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
290	D-Air				3	Gallon(s)	35.00	105.00T
402-5	5 1/2" Centralizer				10	Each	70.00	700.00T
403-5	5 1/2" Cement Basket				2	Each	250.00	500.00T
405-5	5 1/2" Formation Packer Shoe				1	Each	1,400.00	1,400.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
330	Swift Multi-Density Standard (MIDCON II)				250	Sacks	16.50	4,125.00T
276	Flocele				75	Lb(s)	2.00	150.00T
581D	Service Charge Cement				250	Sacks	2.00	500.00
583D	Drayage				733	Ton Miles	1.00	733.00
	Subtotal							10,998.00
	SWD &/Or Injection Well, Exempt From Sales Tax						0.00%	0.00

**PAID**  
CRNO 4986 DATE 3-22-13

<b>We Appreciate Your Business!</b>	<b>Total</b>	\$10,998.00
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Services, Inc.

CHARGE TO: Richard Oil Co  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET  
 No 23952

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>Hays, KS</u>	<u>410</u>	<u>Schneewis</u>	<u>Barber</u>	<u>KS</u>		<u>3-19-13</u>	<u>Square</u>
2. <u>Ness City, KS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Southwind Drilling</u>	RIG NAME/NO.	SHIPPED VIA <u>LT</u>	DELIVERED TO <u>Local fuel</u>	ORDER NO.	WELL LOCATION
3.	WELL TYPE <u>SWD</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Leasing</u>		WELL PERMIT NO.		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.			UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.		
<u>575</u>					MILEAGE #111					
<u>578</u>					Pump Charge (Leasing)					
<u>221</u>					Rd					
<u>281</u>					Mudflush					
<u>290</u>					D-Air					
<u>402</u>					Catalyzers					
<u>403</u>					Baskets					
<u>405</u>					Formation Pk. Shoe					
<u>406</u>					L.D. Plug & Backfill					

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X DATE SIGNED 3-19-13 TIME SIGNED 1715  A.M.  P.M.

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	WE UNDERSTOOD AND MET YOUR NEEDS?	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	WE OPERATED THE EQUIPMENT AND PERFORMED JOB SATISFACTORILY?	ARE YOU SATISFIED WITH OUR SERVICE?	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	TAX	TOTAL
									5490.00		10,998.00
									5508.00		
									Subtotal		
									SWD 4/16 Well		

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR M. H. ... APPROVAL [Signature]

Thank You!



**JOB LOG**

**SWIFT Services, Inc.**

DATE 3-19-13 PAGE NO. 9

CUSTOMER *Richard Oil Co* WELL NO. *#10* LEASE *Schneweis* JOB TYPE *Longstring* TICKET NO. *23952*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1150							on loc w/FE
								RTD 3554'
								5 1/2" x 1515 # x 3432' x 21'
								cent 1-10
								Back 2 & 3
	1400							start FE
	1530					800		Break Circ. + set Pk Shoe
	1610	2.5	7/0					Plug RH + <del>set</del> 30/ <del>set</del> sks SMD
	1615	5	0			150		start 500 gal Mud flush
	1620	5	12/0			150		start 20 bbl KCL flush
	1620	5	20/0			150		start 200 sks SMD 11.2 #
	1640	5	97/0			150		raise weight 12.7 #
		5	13/0			150		raise weight 14.5 #
	1645		10					End Cement wash P/L Drop L.P. Plug
	1650	6	0			150		start Displacement
	1659	5				200		catch Cement
	1705		81			<del>200</del> 1500		Land Plug Release Pressure Float Held
								Thank you
								Nick, David E. & Flint