



**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: \_\_\_\_\_



1142641

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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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Richlan Drilling, a General Partnership
Well Name	Schneweis 11
Doc ID	1142641

Tops

Name	Top	Datum
ANH	777	-1153
B ANH	804	-1126
TARKIO	2522	-592
HOWARD	2662	-732
TOPEKA	2700	-770
HEEBNER	2984	-1054
TORONTO	3002	-1072
DOUGLAS	3016	-1086
BROWN LIMESTONE	3084	-1154
LKC	3103	-1173
BKC	3355	-1425
ARBUCKLE	3363	-1433
RTD	3382	-1452

# ALLIED OIL & GAS SERVICES, LLC 060503

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Great Bend OK

DATE <u>5-27-13</u>	SEC <u>5</u>	TWP. <u>17</u>	RANGE <u>11W</u>	CALLED OUT	ON LOCATION	JOB START <u>10 AM</u>	JOB FINISH <u>11 AM</u>
LEASE <u>Schacivics</u>		WELL #		LOCATION <u>Noisington E K4 to 110RD</u>		COUNTY <u>Barton</u>	STATE <u>OK</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>5/4 N E into</u>				

CONTRACTOR Southwind Drilling #70  
 TYPE OF JOB Rotary Plug  
 HOLE SIZE 12 1/4 T.D.  
 CASING SIZE 8 5/8 DEPTH  
 TUBING SIZE DEPTH  
 DRILL PIPE 4 1/2 DEPTH 3379  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. All  
 PERFS.  
 DISPLACEMENT Freshwater

OWNER  
 CEMENT  
 AMOUNT ORDERED 705 SKS 60% class A  
40% pos 49 gal H/Flo

EQUIPMENT  
 PUMP TRUCK CEMENTER Josh Isaac  
 # 366 HELPER Mike Scathern  
 BULK TRUCK  
 # 341 DRIVER Charles Bellig  
 BULK TRUCK  
 # DRIVER

COMMON	<u>123</u>	@ <u>17.90</u>	<u>2,201.70</u>
POZMIX	<u>82</u>	@ <u>9.35</u>	<u>766.70</u>
GEL	<u>7</u>	@ <u>23.40</u>	<u>163.80</u>
CHLORIDE		@	
ASC		@	
	<u>Flowcol 52</u>	@ <u>2.97</u>	<u>154.94</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>220.12</u>	@ <u>2.48</u>	<u>545.89</u>
MILEAGE	<u>9.19 x 28</u>	@ <u>2.60</u>	<u>669.02</u>
TOTAL			<u>4501.54</u>

REMARKS:  
Fill hole with rig mud  
1. 3379 - 50 SKS  
2. 789 - 25 SKS  
3. 380 - 90 SKS  
4. 40 - 10 SKS  
5. RH - 30 SKS  
Rig down

**SERVICE**

DEPTH OF JOB	<u>3379</u>		
PUMP TRUCK CHARGE	<u>2100.42</u>		
EXTRA FOOTAGE	@		
MILEAGE	<u>HUM 28</u>	@ <u>7.70</u>	<u>215.60</u>
MANIFOLD	@		
	<u>HUM 28</u>	@ <u>4.40</u>	<u>123.20</u>
		@	
TOTAL			<u>2,939.27</u>

CHARGE TO: Richland drilling  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

<u>1- 8 1/2 wood plug</u>	@ <u>107.00</u>	<u>107.00</u>
	@	
	@	
	@	
	@	
TOTAL		<u>107.00</u>

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cement 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.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 7,547.83  
 DISCOUNT -1,886.96 IF PAID IN 30 DAYS  
\$ 5,660.87

PRINTED NAME X Wesley Pfaff  
 SIGNATURE X Wesley Pfaff  
Thank you!



PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 136540  
Invoice Date: May 27, 2013  
Page: 1

<b>Bill To:</b>
Richlan Drilling 598 2nd Avenue Beaver, KS 67525

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Richlan	60503	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Great Bend	May 27, 2013	6/26/13

Quantity	Item	Description	Unit Price	Amount
		Schneweis #11		
123.00	MAT	Class A Common	17.90	2,201.70
82.00	MAT	Pozmix	9.35	766.70
7.00	MAT	Gel	23.40	163.80
52.00	MAT	Flo Seal	2.97	154.44
220.12	SER	Cubic Feet	2.48	545.89
257.31	SER	Ton Mileage	2.60	669.02
1.00	SER	Rotary Plug	2,600.47	2,600.47
28.00	SER	Pump Truck Mileage	7.70	215.60
28.00	SER	Light Vehicle Mileage	4.40	123.20
1.00	EQP	8.5/8 Wooden Plug	107.00	107.00
1.00	EQUIP OPER	Joshua Isaac		
1.00	EQUIP OPER	Mike Scothorn		
1.00	EQUIP OPER	Charles Bollig		

Subtotal	7,547.82
Sales Tax	550.99
Total Invoice Amount	8,098.81
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,098.81</b>

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1,886.96

ONLY IF PAID ON OR BEFORE  
Jun 21, 2013

PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 136467

Invoice Date: May 21, 2013

Page: 1

**Bill To:**

Richlan Drilling  
598 2nd Avenue  
Beaver, KS 67525

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Richlan	60420	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Great Bend	May 21, 2013	6/20/13

Quantity	Item	Description	Unit Price	Amount
		Schueweis #11		
275.00	MAT	Class A Common	17.90	4,922.50
5.00	MAT	Gel	23.40	117.00
10.00	MAT	Chloride	64.00	640.00
297.51	SER	Cubic Feet	2.48	737.82
380.10	SER	Ton Mileage	2.60	988.26
1.00	SER	Surface	1,512.25	1,512.25
28.00	SER	Pump Truck Mileage	7.70	215.60
28.00	SER	Light Vehicle Mileage	4.40	123.20
1.00	EQP	8.5/8 Rubber Plug	131.04	131.04
1.00	CEMENTER	Tim Dickson		
1.00	OPER ASSIST	Charles Kinyon		
1.00	EQUIP OPER	Mike Scothorn		

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 2,346.91

ONLY IF PAID ON OR BEFORE

Jun 15, 2013

Subtotal	9,387.67
Sales Tax	424.17
Total Invoice Amount	9,811.84
Payment/Credit Applied	
<b>TOTAL</b>	<b>9,811.84</b>

**PAID**  
CK NO | DATE  
5217 | 6-4-13

7464.93

# ALLIED OIL & GAS SERVICES, LLC

060420

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Great Bend 14

DATE <u>5-21-13</u>	SEC. <u>5</u>	TWP. <u>17</u>	RANGE <u>11</u>	CALLED OUT <u>5:20-13</u> <u>11:15 PM</u>	ON LOCATION <u>5-21-13</u> <u>1:15 AM</u>	JOB START <u>4:30 AM</u>	JOB FINISH <u>5:15 AM</u>
LEASE <u>Schwartz</u>	WELL # <u>11</u>		LOCATION <u>Odin 2 North 2 East</u>		COUNTY <u>Barton</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)			<u>3/4 North East side</u>				

CONTRACTOR Southland # 16 OWNER Same

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 4166

CASING SIZE 8 5/8" med 28" DEPTH 4165'

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

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

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

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

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 20

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

DISPLACEMENT 28

**EQUIPMENT**

PUMP TRUCK # 597 CEMENTER Tom Nielson

BULK TRUCK # 599 DRIVER Mike Scothern

CEMENTER HELPER Charles Kenyon

CEMENT

AMOUNT ORDERED 275 lbs class A

3% acc 280 lbs

COMMON	<u>275</u>	@	<u>17.90</u>	<u>4,922.50</u>
POZMIX		@		
GEL	<u>5</u>	@	<u>33.40</u>	<u>167.00</u>
CHLORIDE	<u>10</u>	@	<u>64.00</u>	<u>640.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>297.51</u>	@	<u>248</u>	<u>737.82</u>
MILEAGE	<u>13.57 x 28 x 2.60</u>	@		<u>988.26</u>
				<u>TOTAL 7,405.58</u>

**REMARKS:**

Ran 4165' of 8 5/8" cas. Bore circulation.  
Pumped 5 bbls H2O. Mixed 275 lbs class A 3% acc. 280 lbs. Released plug. Displaced with H2O.

Cement did circulate

**SERVICE**

DEPTH OF JOB	<u>4165'</u>		
PUMP TRUCK CHARGE	<u>1512.25</u>		
EXTRA FOOTAGE		@	
MILEAGE	<u>HUM 28</u>	@	<u>7.70</u> <u>215.60</u>
MANIFOLD		@	
	<u>LUM 28</u>	@	<u>4.40</u> <u>123.20</u>
		@	

TOTAL 1,851.05

CHARGE TO: Reedman Milling

STREET \_\_\_\_\_

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

**PLUG & FLOAT EQUIPMENT**

<u>1-8 5/8" Pulver Plug</u>	@	<u>131.04</u>	<u>131.04</u>
	@		
	@		
	@		

TOTAL \_\_\_\_\_

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.

PRINTED NAME X Wesley Potts

SIGNATURE X Wesley Potts

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

TOTAL CHARGES 9,387.67

DISCOUNT 2,346.91 IF PAID IN 30 DAYS

7,040.75



**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC/Schneweisa11dst1

Company Richlan Drilling Lease & Well No. Schneweis No. 11  
Elevation 1925 GL Formation Toronto/Douglas Effective Pay \_\_\_\_\_ Ft. Ticket No. J3115  
Date 5-24-13 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 2,982 ft. to 3,087 ft. Total Depth 3,087 ft.  
Packer Depth 2,977 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 2,982 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 2,985 ft. Recorder Number 30046 Cap. 6,000 psi.  
Bottom Recorder Depth (Outside) 3,084 ft. Recorder Number 11073 Cap. 4,000 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 6 Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Mud Type Chemical Viscosity 50 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Weight 9.1 Water Loss 8.8 cc. Drill Pipe Length 2,962 ft I.D. 3 1/2 in.  
Chlorides 4,500 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 105 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 blow increasing to 3 1/2 ins. No blow back during shut-in.

2nd Open: Strong blow increasing to 9 ins. No blow back during shut-in.

Recovered 90 ft. of slightly oil & gas cut mud = 1.280700 bbls. (Grind out: 10%-gas; 2%-oil; 88%-mud)

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

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

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

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

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

Remarks \_\_\_\_\_

Time Set Packer(s) 6:45 P.M. Time Started off Bottom 9:15 P.M. Maximum Temperature 99°  
Initial Hydrostatic Pressure.....(A) 1436 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 16 P.S.I. to (C) 33 P.S.I.  
Initial Closed In Period.....Minutes 30 (D) 611 P.S.I.  
Final Flow Period.....Minutes 45 (E) 42 P.S.I. to (F) 52 P.S.I.  
Final Closed In Period.....Minutes 45 (G) 614 P.S.I.  
Final Hydrostatic Pressure.....(H) 1396 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 #11

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: D1319

Test Unit:

Start Date: 2013/05/24 Start Time: 17:00:00

End Date: 2013/05/24 End Time: 22:40:00

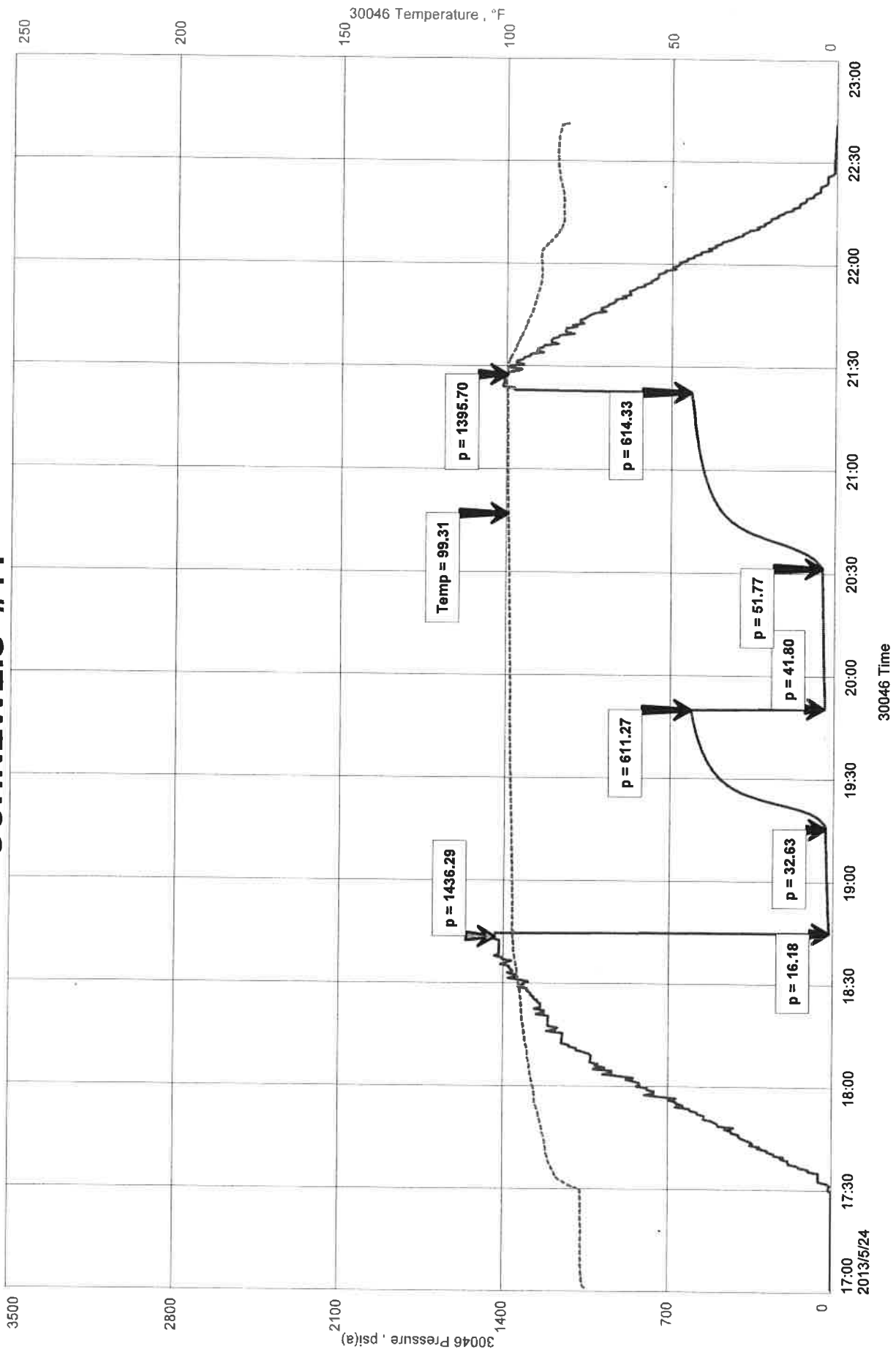
Report Date: 2013/05/24 Prepared By: JOHN RIEDL

Qualified By: BOB SCHREIBER

### Remarks:

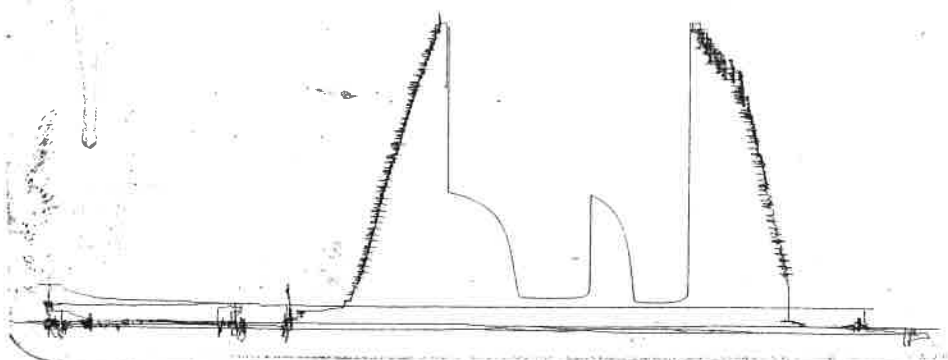
RECOVERY: 90' SLIGHTLY OIL & GAS CUT MUD

# SCHNEWEIS #11



RICHARD DR16 DGF 1  
SCANNED BY A 11 8/24/13

RIC 11073  
OUTSIDE





**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC/Schneweisa11dst2

Company Richlan Drilling Lease & Well No. Schneweis No. 11  
Elevation 1925 GL Formation Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. J3116  
Date 5-26-13 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 3,366 ft. to 3,383 ft. Total Depth 3,383 ft.  
Packer Depth 3,361 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3,366 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 3,369 ft. Recorder Number 30046 Cap. 6,000 psi.  
Bottom Recorder Depth (Outside) 3,380 ft. Recorder Number 11073 Cap. 4,000 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 6 Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Mud Type Chemical Viscosity 51 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Weight 9.3 Water Loss 8.0 cc. Drill Pipe Length 3,346 ft I.D. 3 1/2 in.  
Chlorides 4,900 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 17 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: Packer Failure! MISRUN!  
2nd Open: N/A

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 105°  
Initial Hydrostatic Pressure.....(A) 1648 P.S.I.  
Initial Flow Period.....Minutes 0 (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period.....Minutes 0 (D) \_\_\_\_\_ P.S.I.  
Final Flow Period.....Minutes 0 (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period.....Minutes 0 (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure.....(H) 1589 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 #11

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: D1320

Test Unit:

Start Date: 2013/05/26 Start Time: 12:00:00

End Date: 2013/05/26 End Time: 16:20:00

Report Date: 2013/05/26 Prepared By: JOHN RIEDL

Qualified By: BOB SCHREIBER

### Remarks:

MISRUN CAUSED BY PACKER FAILURE

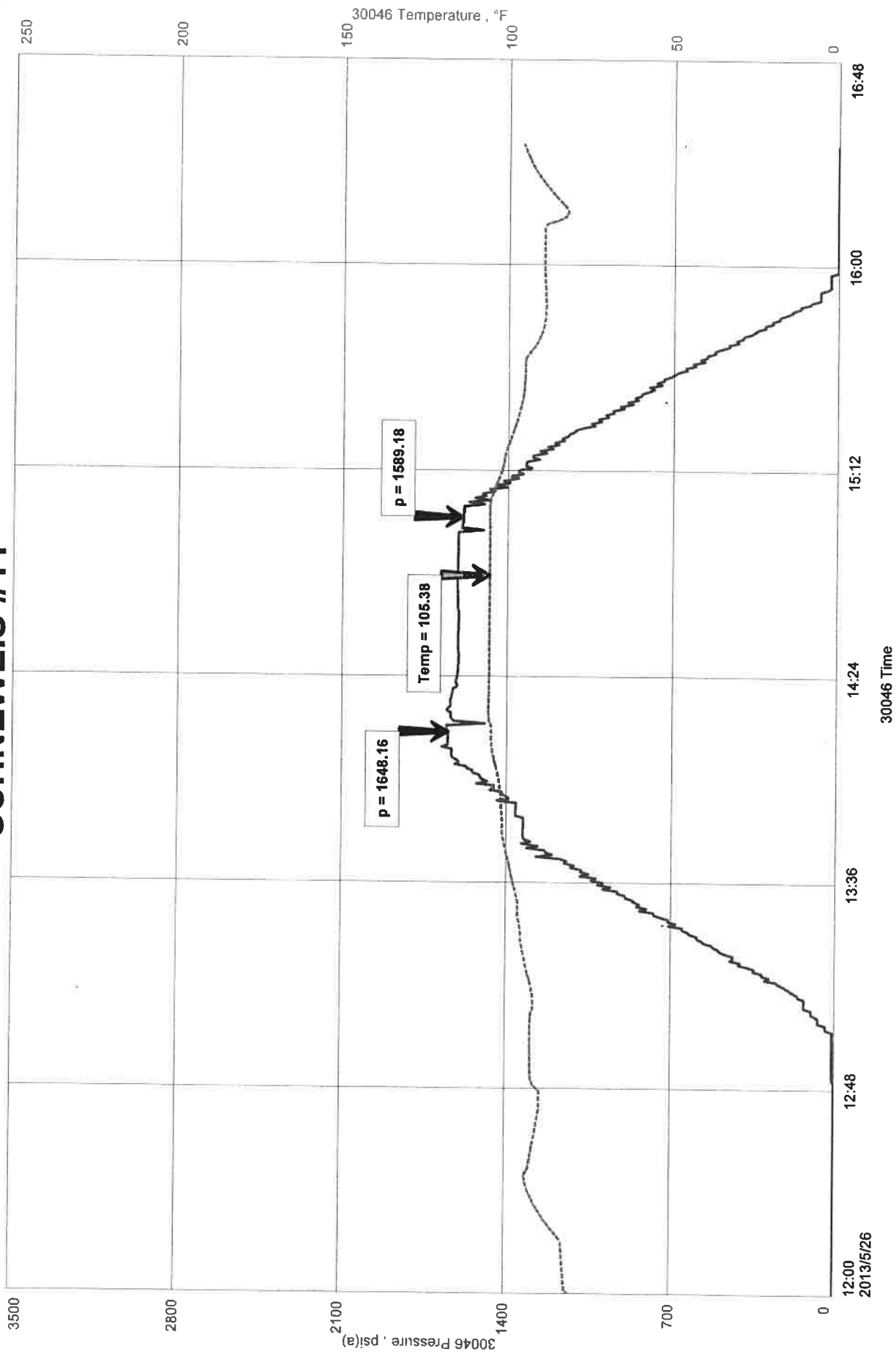
RICHLAN DRLG

Start Test Date: 2013/05/26

Final Test Date: 2013/05/26

# SCHNEWEIS #11

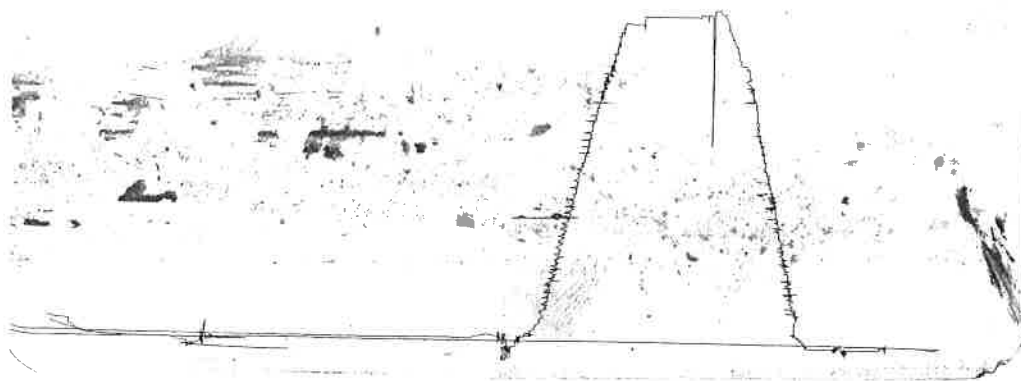
SCHNEWEIS #11  
Formation: DST #2 ARBUCKLE  
Job Number: D1320



RICHLAN PALG  
SCHNOWNIS A II

OSTA  
5/26/13

ASC 11073  
OUTSIDE





**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC/Schneweis11dst3

Company Richlan Drilling Lease & Well No. Schneweis No. 11  
Elevation 1925 GL Formation Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. J3117  
Date 5-26-13 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 3,332 ft. to 3,383 ft. Total Depth 3,383 ft.  
Packer Depth 3,327 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3,332 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 3,335 ft. Recorder Number 30046 Cap. 6,000 psi.  
Bottom Recorder Depth (Outside) 3,380 ft. Recorder Number 11073 Cap. 4,000 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 6 Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Mud Type Chemical Viscosity 51 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Weight 9.3 Water Loss 8.0 cc. Drill Pipe Length 3,312 ft I.D. 3 1/2 in.  
Chlorides 4,900 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 51 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 15 mins. No blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 12 mins. No blow back during shut-in.

Recovered 500 ft. of oil specked muddy water = 7.115000 bbls. (Chlorides: 21,000 Ppm)

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

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

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

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

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

Remarks \_\_\_\_\_

Time Set Packer(s) 6:00 P.M. Time Started off Bottom 8:30 P.M. Maximum Temperature 110°

Initial Hydrostatic Pressure.....(A) 1640 P.S.I.

Initial Flow Period.....Minutes 30 (B) 21 P.S.I. to (C) 121 P.S.I.

Initial Closed In Period.....Minutes 30 (D) 839 P.S.I.

Final Flow Period.....Minutes 45 (E) 126 P.S.I. to (F) 257 P.S.I.

Final Closed In Period.....Minutes 45 (G) 841 P.S.I.

Final Hydrostatic Pressure.....(H) 1592 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:

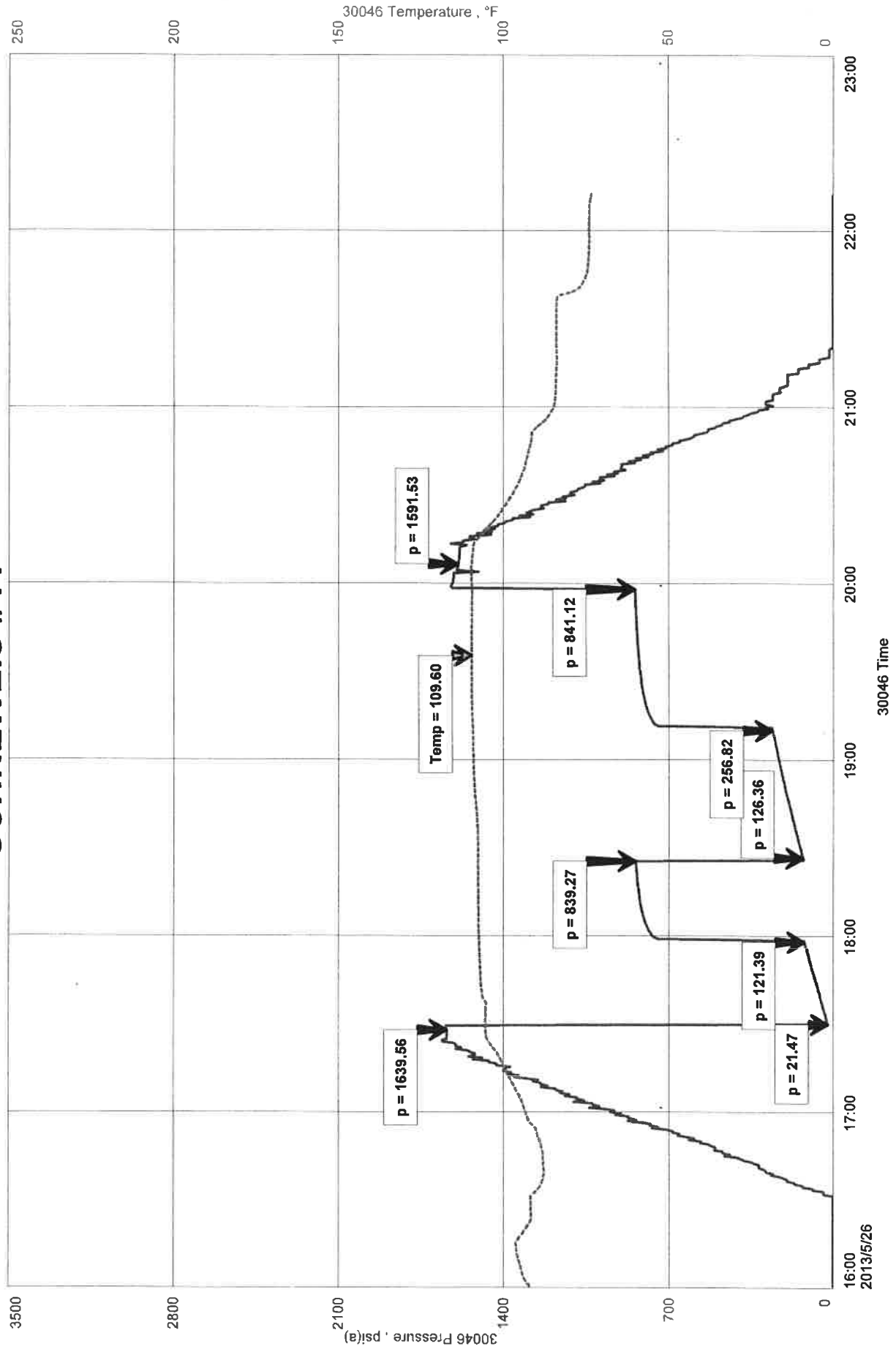
Name: SCHNEWEIS #11  
Operator: RICHLAN DRLG  
Location-Downhole:  
Location-Surface: S5/17S/11W

### Test Information:

Company: DIAMOND TESTING  
Representative: JOHN RIEDL  
Supervisor: BOB SCHREIBER  
Test Type: CONVENTIONAL Job Number: D1321  
Test Unit:  
Start Date: 2013/05/26 Start Time: 16:30:00  
End Date: 2013/05/26 End Time: 22:40:00  
Report Date: 2013/05/26 Prepared By: JOHN RIEDL  
Remarks: Qualified By: BOB SCHREIBER

RECOVERY: 500' OIL SPECKED MUDDY WATER

# SCHNEWEIS #11



RICHMAN DRCC

SCHMIDT A #DVT3

18/20/13

RUC11013

01512

