



KANSAS CORPORATION COMMISSION 1113389
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- 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: _____



1113389

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> <input type="checkbox"/> Other <i>(Specify)</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	Schreiber 3
Doc ID	1113389

All Electric Logs Run

Dual Receiver Cement Bond Log
Compensated Density/Neutron Log
Dual Induction Log
Mico Log

Form	ACO1 - Well Completion
Operator	Richlan Drilling, a General Partnership
Well Name	Schreiber 3
Doc ID	1113389

Tops

Name	Top	Datum
Stone Corral	824	+1070
B/Stone Corral	852	+1042
Topeka	2720	-826
Heebner Shale	2999	-1105
Toronto	3014	-1120
Br LS	3084	-1190
Lansing	3101	-1207
BKC	3333	-1439
Arbuckle	3343	-1449
LTD	3443	-1549



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC/SCREIBER3DST2

Company Richlan Drilling Lease & Well No. Schreiber No. 3
Elevation 1892 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. J3080
Date 1-30-13 Sec. 17 Twp. 16S Range 12W County Barton State Kansas
Test Approved By Robert A. (Bob) Schreiber Diamond Representative _____ John C. Riedl

Formation Test No. 2 Interval Tested from 3,304 ft. to 3,352 ft. Total Depth 3,352 ft.
Packer Depth 3,299 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,304 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,307 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,349 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 63 Weight Pipe Length _____ ft I.D. _____ in.
Weight 8.7 Water Loss 7.2 cc. Drill Pipe Length 3,284 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 48 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out Yes 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 increasing. Off bottom of bucket in 2 mins. Very weak blow back during shut-in.

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

Recovered 120 ft. of gas in pipe
Recovered 1,500 ft. of gassy oil = 21.345000 bbls. (Grind out: 10%-gas; 90%-oil) Gravity: 35
Recovered 1,500 ft. of TOTAL FLUID = 21.345000 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

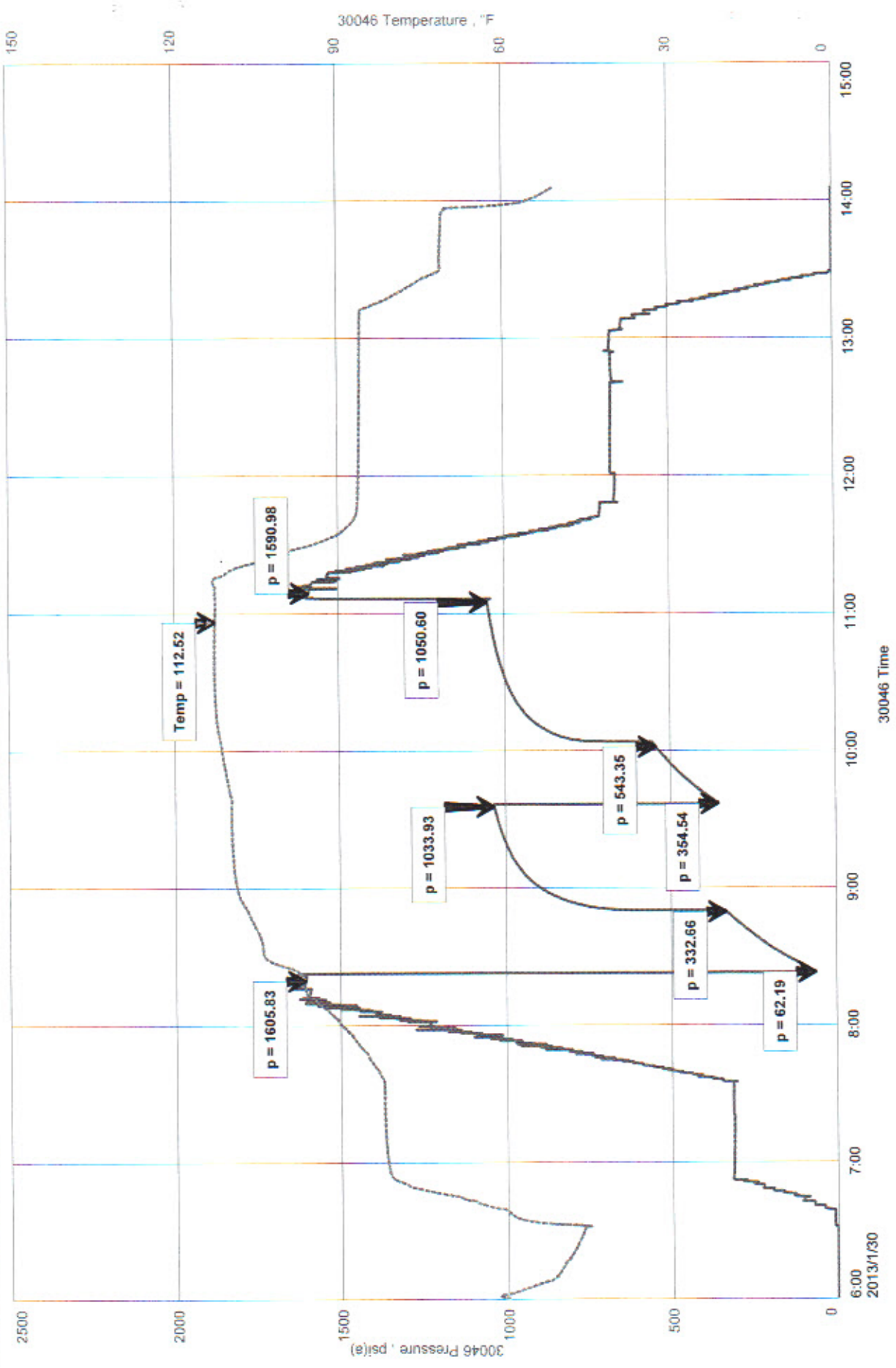
Remarks _____

Time Set Packer(s) 8:20 A.M. Time Started off Bottom 11:05 A.M. Maximum Temperature 113°
Initial Hydrostatic Pressure.....(A) 1606 P.S.I.
Initial Flow Period.....Minutes 30 (B) 62 P.S.I. to (C) 333 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 1034 P.S.I.
Final Flow Period.....Minutes 30 (E) 355 P.S.I. to (F) 543 P.S.I.
Final Closed In Period.....Minutes 60 (G) 1051 P.S.I.
Final Hydrostatic Pressure.....(H) 1591 P.S.I.

SCHREIBER #3
Formation: ARBUCKLE DST#2
Job Number: D1284

RICHLAN DRILLING
Start Test Date: 2013/01/30
Final Test Date: 2013/01/30

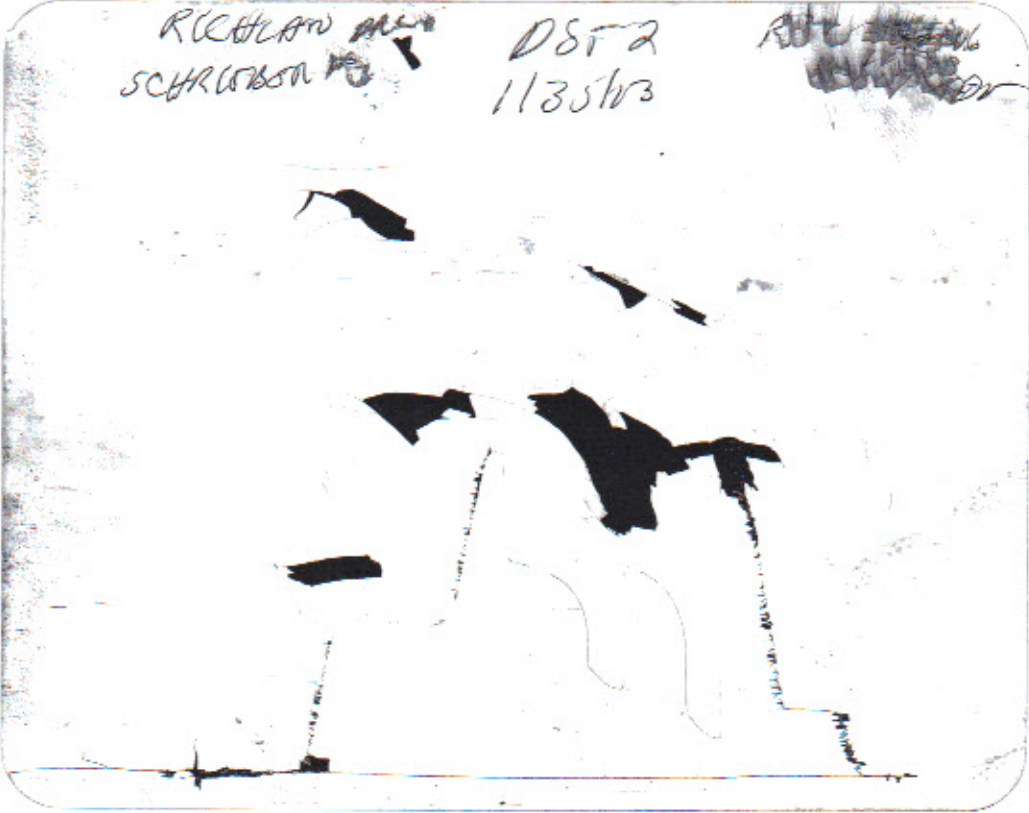
SCHREIBER #3

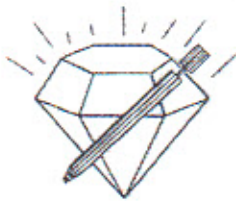


RICHARD
SCHROEDER

DST 2
1135103

~~RE...~~





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC/SCREIBER3DST1

Company Richlan Drilling Lease & Well No. Schreiber No. 3
Elevation 1892 KB Formation Toronto Effective Pay _____ Ft. Ticket No. J3079
Date 1-29-13 Sec. 17 Twp. 16S Range 12W County Barton State Kansas
Test Approved By Robert A. (Bob) Schreiber Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 2,996 ft. to 3,087 ft. Total Depth 3,087 ft.
Packer Depth 2,991 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 2,996 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 2,999 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 4 Drill Collar Length _____ ft I.D. _____ in.
Mud Type Chemical Viscosity 63 Weight Pipe Length _____ ft I.D. _____ in.
Weight 8.7 Water Loss 7.2 cc. Drill Pipe Length 2,976 ft I.D. 3 1/2 in.
Chlorides 3,000 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 91 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. Died in 8 mins. No blow back during shut-in.
2nd Open: No blow. No blow back during shut-in.

Recovered 5 ft. of drilling mud = .071150 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks _____

Time Set Packer(s) 4:50 A.M. Time Started off Bottom 6:20 A.M. Maximum Temperature 98°
Initial Hydrostatic Pressure.....(A) 1428 P.S.I.
Initial Flow Period.....Minutes 30 (B) 13 P.S.I. to (C) 16 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 690 P.S.I.
Final Flow Period.....Minutes 15 (E) 17 P.S.I. to (F) 19 P.S.I.
Final Closed In Period.....Minutes 15 (G) 292 P.S.I.
Final Hydrostatic Pressure.....(H) 1398 P.S.I.

GENERAL INFORMATION

Client Information:

Company: RICHLAN DRILLING

Contact: RICHARD SCHREIBER

Phone: Fax: e-mail:

Site Information:

Contact: ROBERT SCHREIBER

Phone: Fax: e-mail:

Well Information:

Name: SCHREIBER #3

Operator: RICHLAN DRILLING

Location-Downhole:

Location-Surface: S17/16S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: ROBERT SCHREIBER

Test Type: CONVENTIONAL Job Number: D1283

Test Unit:

Start Date: 2013/01/29 Start Time: 03:00:00

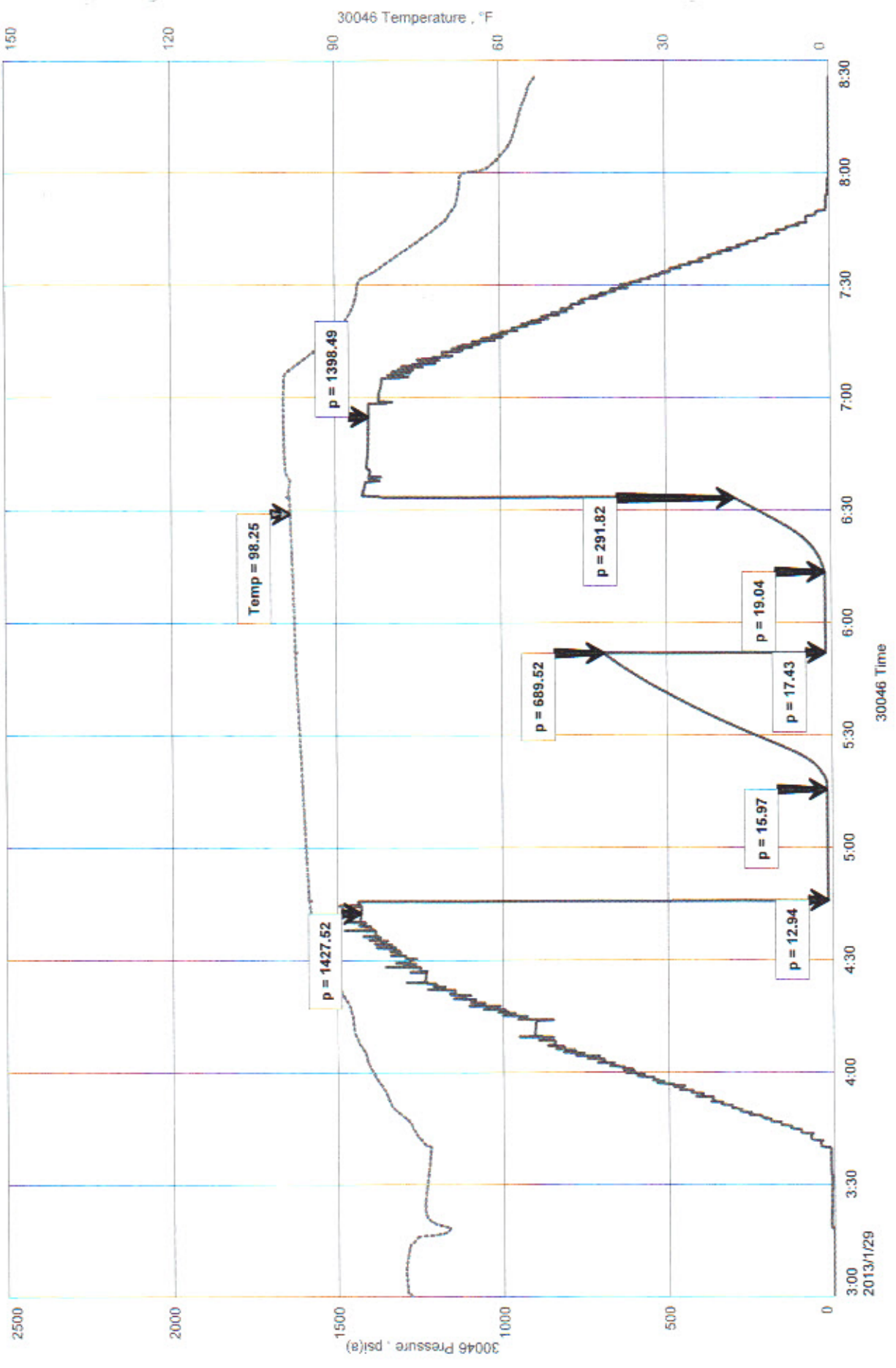
End Date: 2013/01/29 End Time: 08:30:00

Report Date: 2013/01/29 Prepared By: JOHN RIEDL

Remarks: Qualified By: ROBERT SCHREIBER

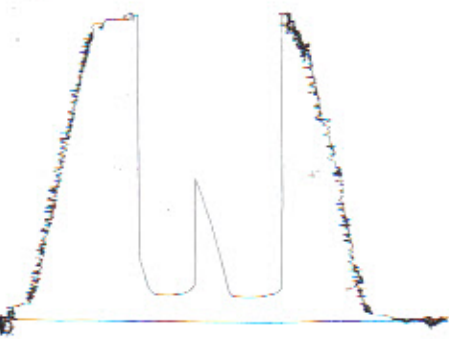
RECOVERY: 5' DRILLING MUD

SCHREIBER #3



RICHMAN DRILL DST 1
SCHRIER #3 1129N3

R0C11023
OUTSIDE





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



Invoice

DATE	INVOICE #
1/31/2013	23807

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	#3	Schreiber	Barton	SouthWind Drillin...	Oil	Development	Cement 5-1/2" L...	David
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				60	Miles	6.00	360.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
409-5	5 1/2" Turbolizer				8	Each	90.00	720.00T
403-5	5 1/2" Cement Basket				3	Each	250.00	750.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
325	Standard Cement				100	Sacks	13.50	1,350.00T
284	Calseal				5	Sack(s)	35.00	175.00T
283	Salt				500	Lb(s)	0.20	100.00T
286	Halad-1 (Halad 9)				50	Lb(s)	7.50	375.00T
330	Swift Multi-Density Standard (MIDCON II)				100	Sacks	16.50	1,650.00T
276	Flocele				50	Lb(s)	2.00	100.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
581D	Service Charge Cement				200	Sacks	2.00	400.00
583D	Drayage				612.78	Ton Miles	1.00	612.78
Subtotal								9,437.78
Sales Tax Barton County							7.30%	479.25

PAID
4873 2-5-13

Thank You For Your Business In 2012!
We Look Forward To Serving You In 2013!

Total \$9,917.03



Services, Inc.

CHARGE TO: Richard Drilling
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET No 23807

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>Ness City KS</u>	WELL/PROJECT NO. <u>#3</u>	LEASE <u>Schreiber</u>	COUNTY/PARISH <u>Barton</u>	STATE <u>KS</u>	CITY <u>Bever</u>	DATE <u>1-31-13</u>	OWNER <u>Same</u>
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Southwind</u>	RIG NAME/NO. <u>R 4</u>	SHIPPED VIA <input checked="" type="checkbox"/> TRUCK	DELIVERED TO <u>Location</u>	WELL PERMIT NO.	ORDER NO.	
3. WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Count 5 1/2" Longstring</u>				WELL LOCATION <u>Bever KS - 1w, 3rd, N.W. 40</u>	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCT	DF	DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
575		1			MILEAGE			60	mi	6.00	360.00
578		1			Pump Charge - Longstring	1	job			1500.00	1500.00
409		1			Turbolizers	5 1/2	in	8	ea	90.00	720.00
403		1			Cement Basket	5 1/2	in	3	ea	250.00	750.00
406		1			Latch Down Plug & Baffle	5 1/2	in	1	ea	250.00	250.00
407		1			Insert Flat Shoe w/ Auto Fill	5 1/2	in	1	ea	350.00	350.00
401		1			Port Collar	5 1/2	in	1	ea	2400.00	2400.00

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

DATE SIGNED 1-31-13 TIME SIGNED 0800 A.M. P.M.

SWIFT OPERATOR David Huelsh APPROVAL

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 CALCULATIONS SATISFACTORILY?	ARE YOU SATISFIED WITH OUR SERVICE?	OUR EQUIPMENT WAS UNDERSTOOD AND MET YOUR NEEDS?	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	ARE YOU SATISFIED WITH OUR SERVICE?
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PAGE TOTAL \$1 3930.00
 TAX 479.25
 TOTAL 9917.03

Thank You!

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

JOB LOG

SWIFT Services, Inc.

DATE 1-31-13 PAGE NO. 7

CUSTOMER Richlan WELL NO. #3 LEASE Schreiber JOB TYPE Cement 5 1/2" Longshrink TICKET NO. 23807

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								TD-3443 LTD-3443
								TP-3440 Set@ 3440
								SJ- #1 38.40 5 1/2" 14"
								Turbolizer - top of - #1 #2 #3 #5 #7 #9 #12 #15
								Becket top of - #1 #3 #6
								100 sks EA-2 w/ 1/4 Floccle
								100 sks SMD w/ 1/4 Floccle
	0800							on Location
	1105							Start 5 1/2" 14" casing in well
	1230							Drop ball Circulate
	1315	6 3/4	12		✓	300	Pump	500 gal Mud Flush
		6 3/4	20		✓	300	Pump	20 bbl KCL Flush
			11					Plug RH (30 sks)
	1325	4 1/2	25		✓	250	Mix	70 sks SMD @ 12.7 PPS
		4 1/2	24		✓	300	Mix	100 sks EA-2 @ 15.5 PPS
								Wash out Pump + Line
								Release Latch Down Plug
	1345	6 3/4	0		✓	0		Start Displacement
		6 3/4	54		✓	300	Lift	PSI
		6 3/4	82		✓	800	Max	Lift PSI
	1400	6 3/4	82.9		✓	1800	Land	Latch Down Plug
								Release Pressure Hold
								Wash up Truck
	1430							Job Complete
								Thank You
								Dave Blaine TJ Jersey