



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1191506  
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: \_\_\_\_\_

1191506

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

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

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

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

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

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

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

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

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

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

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

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

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

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	SOFT TAIL 1-29
Doc ID	1191506

Tops

Name	Top	Datum
ANHYDRITE	2022	+592
BASE ANHYDRITE	2051	+563
STOTLER	3262	-698
HEEBNER	3632	-1018
LANSING	3668	-1054
STARK	3915	-1301
MARMATON	4009	-1395
FORT SCOTT	4164	-1550
CHEROKEE	4188	-1574
MISSISSIPPI SPERGEN	4268	-1654

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	SOFT TAIL 1-29
Doc ID	1191506

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
SURFACE	12.25	8.625	23	348	60/40 POZMIX	300	3% CC, 1/4# Cel Flake
BOTTOM STAGE	7.875	5.5	14	4399	AA 2	150	
TOP STAGE	7.875	5.5	14	4399	A CONN	290	
RATHOLE	7.875	5.5	14	4399	60/40 POZMIX	30	

# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	L.D. DRILLING, INC.	Job Number	M592
Well Name	SOFT TAIL #1-29	Representative	MIKE COCHRAN
Unique Well ID	DST#1 3827-3910 L/KC H-J	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.29-14S-29W GOVE CO.KS.	Report Date	2013/12/15
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 3827-3910 L/KC H-J		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/12/14	Start Test Time	21:30:00
Final Test Date	2013/12/15	Final Test Time	07:45:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

### Test Results

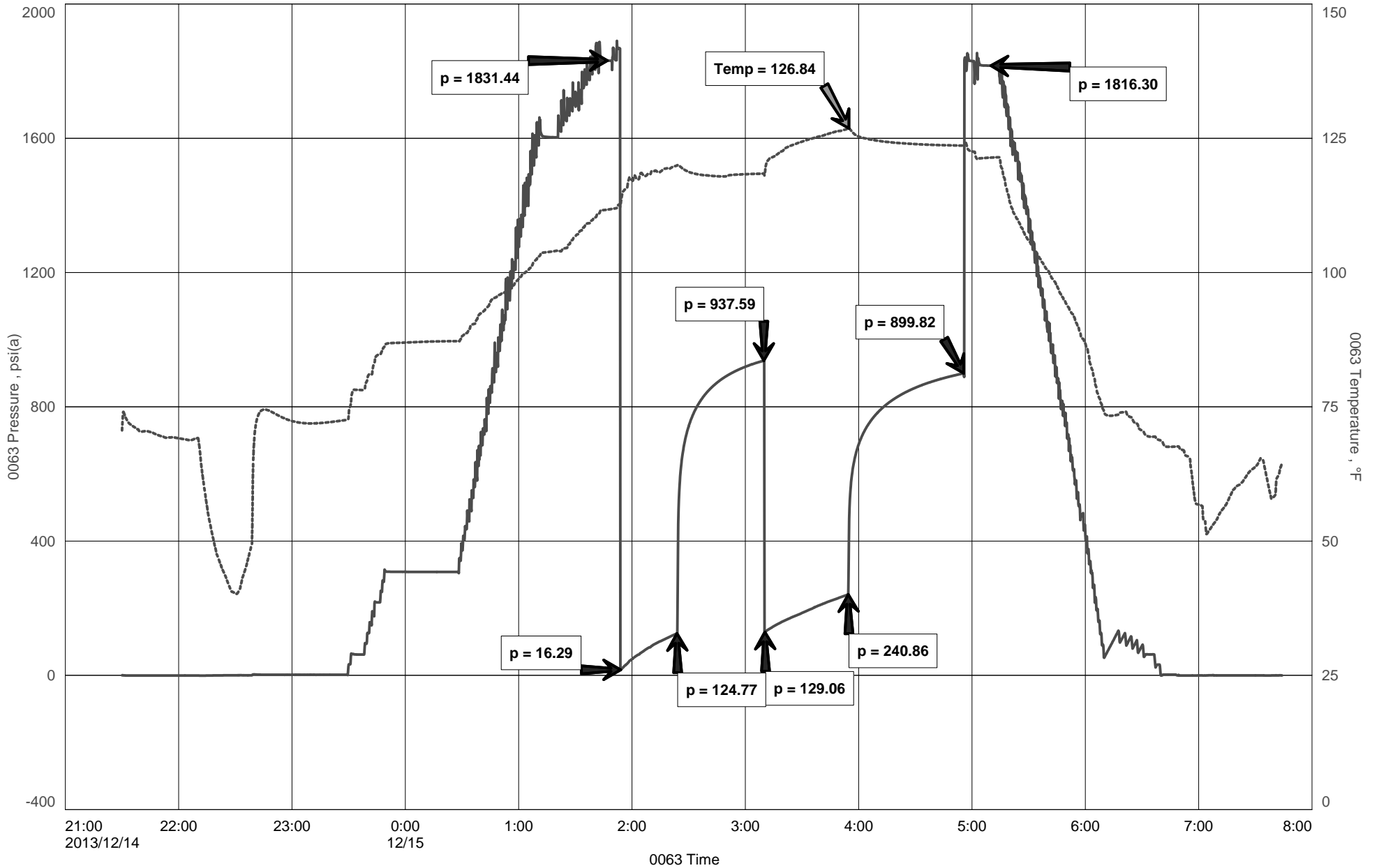
Remarks **RECOVERED:**

209' VSOSGWM 4% WTR, 96% MUD W/A VERY THIN SCUM OF OIL & SOME GASSY BUBBLES  
242' VSOSGWM 1% GAS, 95% WTR, 4% MUD W/A VERY THIN SCUM OF OIL  
451' TOTAL FLUID

CHLOR: 49,000 PPM  
PH:7.0  
RW: .20 @ 51 DEG

TOOL SAMPLE: 100% WTR W/ A VERY THIN SCUM OF OIL

# SOFT TAIL #1-29





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

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

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

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

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

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

Diamond Testing 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.



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: SFTTL1-29DST2

TIME ON: 1445  
TIME OFF: 1940

Company L.D. DRILLING, INC. Lease & Well No. SOFT TAIL #1-29  
Contractor KIM SHOEMAKER Charge to L.D. DRILLING, INC.  
Elevation 2614 KB Formation L/KC 'K' Effective Pay \_\_\_\_\_ Ft. Ticket No. M593  
Date 12/15/2013 Sec. 29 Twp. \_\_\_\_\_ 14 S Range \_\_\_\_\_ 29 W County GOVE State KANSAS  
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3915 ft. to 3940 ft. Total Depth 3940 ft.  
Packer Depth 3910 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 3915 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3897 ft. Recorder Number 0063 Cap. 6,000 P.S.I.  
Bottom Recorder Depth (Outside) 3917 ft. Recorder Number E1150 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEM Viscosity 46 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.0 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3,000 P.P.M. Drill Pipe Length 3888 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number SFTY JT Test Tool Length 27 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 25 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: WSBB, INC. TO 1/8" IN 8 MIN, THEN DIMINISHING UNTIL DEAD @ 16 MIN (NO BB)  
2nd Open: A SURGE OF BUBBLES ON TOOL OPEN THEN NO BLOW

Recovered 12 ft. of DM 100% MUD  
Recovered 12 ft. of TOTAL FLUID  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: PULLED 80,000 TO PULL FREE, (STR WT. 62,000)

TOOL SAMPLE: 100% MUD W/ SOME OIL SPECKS AND SLIGHT ODOR

Time Set Packer(s) 4:45 P.M. <sup>A.M.</sup> P.M. Time Started Off Bottom 5:50 P.M. <sup>A.M.</sup> P.M. Maximum Temperature 109°F

Initial Hydrostatic Pressure..... (A) 1863 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 12 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 874 P.S.I.  
Final Flow Period..... Minutes 5 (E) 12 P.S.I. to (F) 13 P.S.I.  
Final Closed In Period..... Minutes 0 (G) UNKNOWN P.S.I.  
Final Hydrostatic Pressure..... (H) 1861 P.S.I.

Price Job
Other Charges
Insurance
Total

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# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	L.D. DRILLING, INC.	Job Number	M593
Well Name	SOFT TAIL #1-29	Representative	MIKE COCHRAN
Unique Well ID	DST#2 3915-3940 L/KC 'K'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.29-14S-29W GOVE CO.KS.	Report Date	2013/12/15
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

### Test Information

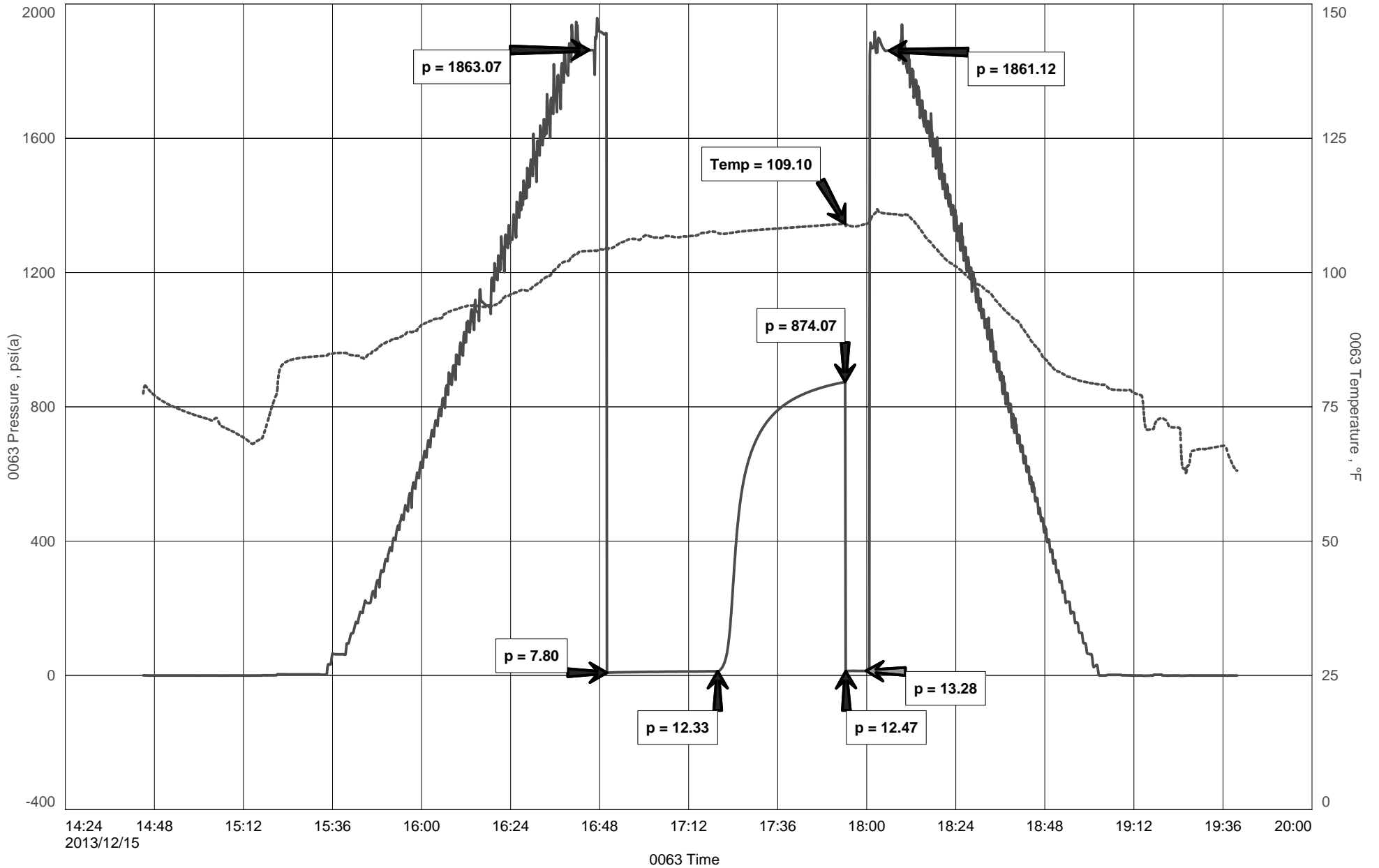
Test Type	CONVENTIONAL		
Formation	DST#2 3915-3940 L/KC 'K'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/12/15	Start Test Time	14:45:00
Final Test Date	2013/12/15	Final Test Time	19:40:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

### Test Results

Remarks RECOVERED:  
12' DM 100% MUD  
12' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ SOME OIL SPECKS AND SLIGHT ODOR

# SOFT TAIL #1-29



# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	L.D. DRILLING, INC.	Job Number	M594
Well Name	SOFT TAIL #1-29	Representative	MIKE COCHRAN
Unique Well ID	DST#3 4077-4170 PAWNEE/FT.SCOTT	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.29-14S-29W GOVE CO.KS.	Report Date	2013/12/17
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 4077-4170 PAWNEE/FT.SCOTT		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/12/16	Start Test Time	20:45:00
Final Test Date	2013/12/17	Final Test Time	04:25:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

### Test Results

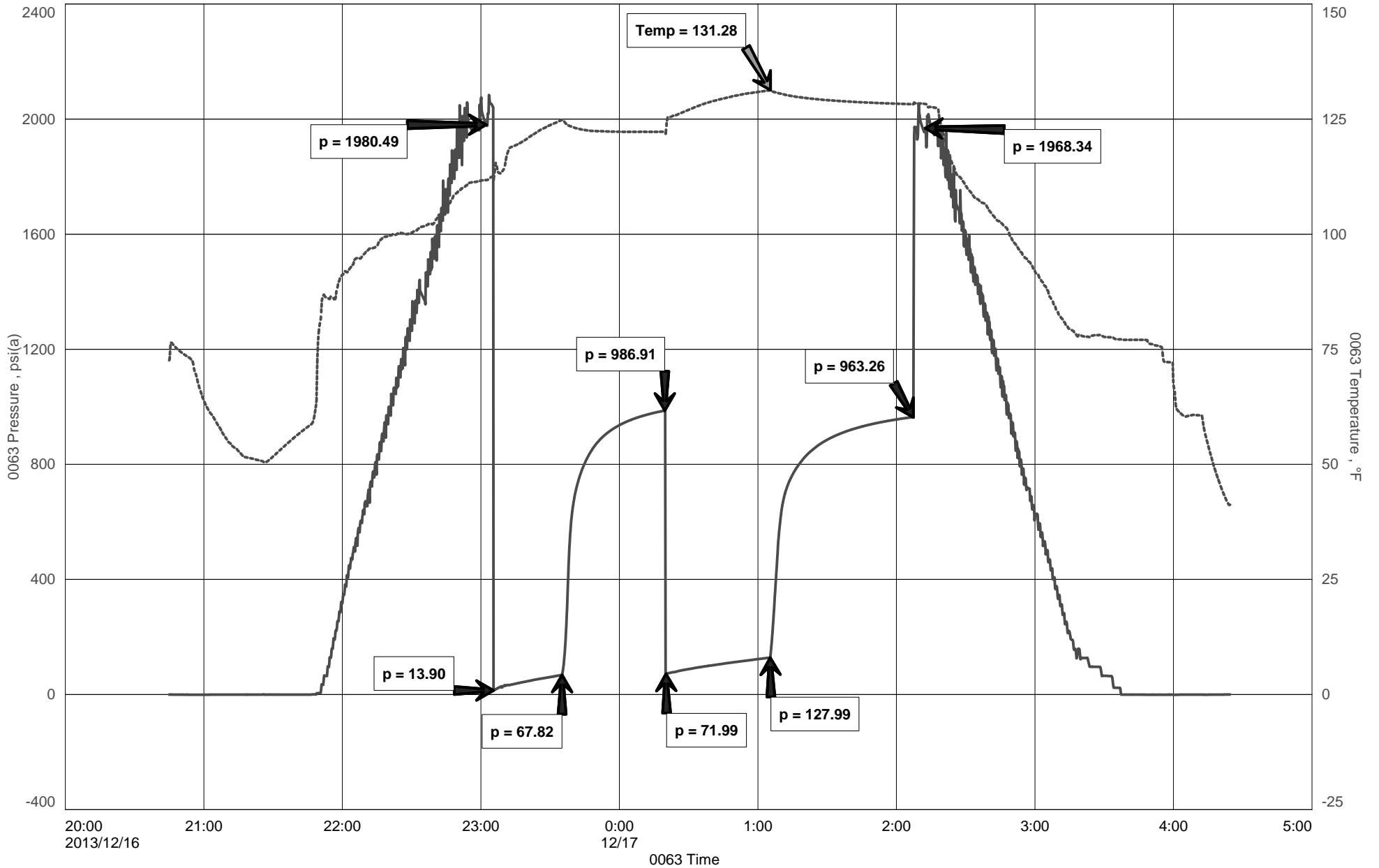
Remarks RECOVERED:  
242' GIP  
2' CO 100% OIL  
71' GSOCWM 2% GAS, 10% EMULSIFIED OIL, 32% WTR, 56% MUD  
189' OSMW 4% OIL, 86% WTR, 10% MUD  
262' TOTAL FLUID

GRAVITY: 40.2 @ 60 DEG

CHLOR: 37,000 PPM  
PH:7.0  
RW: .18 @ 70 DEG

TOOL SAMPLE: MOSTLY GAS W/ SOME OIL

# SOFT TAIL #1-29





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: SFTTL1-29DST3

TIME ON: 2045 (12/16)  
TIME OFF: 0425 (12/17)

Company L.D. DRILLING, INC. Lease & Well No. SOFT TAIL #1-29  
Contractor KIM SHOEMAKER Charge to L.D. DRILLING, INC.  
Elevation 2614 KB Formation PAWNEE/FT.SCOTT Effective Pay \_\_\_\_\_ Ft. Ticket No. M594  
Date 12/16/2013 Sec. 29 Twp. \_\_\_\_\_ 14 S Range \_\_\_\_\_ 29 W County GOVE State KANSAS  
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 4077 ft. to 4170 ft. Total Depth 4170 ft.  
Packer Depth 4072 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 4077 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4059 ft. Recorder Number 0063 Cap. 6,000 P.S.I.  
Bottom Recorder Depth (Outside) 4079 ft. Recorder Number E1150 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEM Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.1 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 4045 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 93 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 64'DP Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 3/4" BLOW RIGHT AWAY, INC. TO 6 1/4" IN 21 MIN THEN MAINTAINED AN INTERMITTENT BLOW (NO BB)  
2nd Open: WSB, INC TO 4" IN 25 MIN THEN DIMINISHING TO 2" BY SHUT IN (NO BB)

Recovered <u>242</u> ft. of <u>GIP</u>	GRAVITY: <u>40.2 @ 60°</u>
Recovered <u>2</u> ft. of <u>CO 100% OIL</u>	
Recovered <u>71</u> ft. of <u>GSOCWM 2% GAS, 10% EMULSIFIED OIL, 32% WTR, 56% MUD</u>	
Recovered <u>189</u> ft. of <u>OSMW 4% OIL, 86% WTR, 10% MUD</u>	
Recovered <u>262</u> ft. of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of <u>CHLOR: 37,000 PPM PH: 7.0</u>	Other Charges
Remarks: <u>RW: .18 @ 70 DEG</u>	Insurance
<u>TOOL SAMPLE: MOSTLY GAS W/ SOME OIL</u>	Total

Time Set Packer(s) 11:00 P.M. <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 2:00 A.M. <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 131°F

Initial Hydrostatic Pressure..... (A) 1980 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 68 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 987 P.S.I.  
Final Flow Period..... Minutes 45 (E) 72 P.S.I. to (F) 128 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 963 P.S.I.  
Final Hydrostatic Pressure..... (H) 1968 P.S.I.

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# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	L.D. DRILLING, INC.	Job Number	M595
Well Name	SOFT TAIL #1-29	Representative	MIKE COCHRAN
Unique Well ID	DST#4 4073-4250 FT.SCOTT/JOHNSON	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.29-14S-29W GOVE CO.KS.	Report Date	2013/12/18
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 4073-4250 FT.SCOTT/JOHNSON		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/12/17	Start Test Time	16:20:00
Final Test Date	2013/12/18	Final Test Time	00:00:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

### Test Results

Remarks RECOVERED:

200' GIP  
179' GOCWM 10% GAS, 24% OIL, 25% WTR, 41% MUD  
126' GOSMW 1% GAS, 2% OIL, 89% WTR, 8% MUD  
305' TOTAL FLUID

CHLOR: 22,000 PPM  
PH:7.0  
RW: .40 @ 52 DEG

TOOL SAMPLE: GAS



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: SFTTL1-29DST4

TIME ON: 1620 (12/17)  
TIME OFF: 0000 (12/18)

Company L.D. DRILLING, INC. Lease & Well No. SOFT TAIL #1-29  
Contractor KIM SHOEMAKER Charge to L.D. DRILLING, INC.  
Elevation 2614 KB Formation PAWNEE/FT.SCOTT Effective Pay \_\_\_\_\_ Ft. Ticket No. M595  
Date 12/17/2013 Sec. 29 Twp. \_\_\_\_\_ 14 S Range \_\_\_\_\_ 29 W County GOVE State KANSAS  
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 4173 ft. to 4250 ft. Total Depth 4250 ft.  
Packer Depth 4168 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 4173 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4155 ft. Recorder Number 0063 Cap. 6,000 P.S.I.  
Bottom Recorder Depth (Outside) 4175 ft. Recorder Number E1150 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEM Viscosity 40 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3,000 P.P.M. Drill Pipe Length 4141 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 77 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. <sup>64'DP</sup> Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK INTERMITTENT SB THAT INC TO AN INTERMITTENT 4" BLOW (NO BB)  
2nd Open: WEAK INTERMITTENT SB THAT INC TO AN INTERMITTENT 6 1/2" BLOW (NO BB)

Recovered 200 ft. of GIP  
Recovered 179 ft. of GOCWM 10% GAS, 24% OIL, 25% WTR, 41% MUD  
Recovered 126 ft. of GOSMW 1% GAS, 2% OIL, 89% WTR, 8% MUD  
Recovered 305 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of <u>CHLOR: 22,000 PPM PH: 7.0</u>	Other Charges
Remarks: <u>RW: .40 @ 52 DEG</u>	Insurance
<u>TOOL SAMPLE: GAS</u>	Total

Time Set Packer(s) 6:45 P.M. <sup>A.M.</sup> P.M. Time Started Off Bottom 9:45 P.M. <sup>A.M.</sup> P.M. Maximum Temperature 131°F

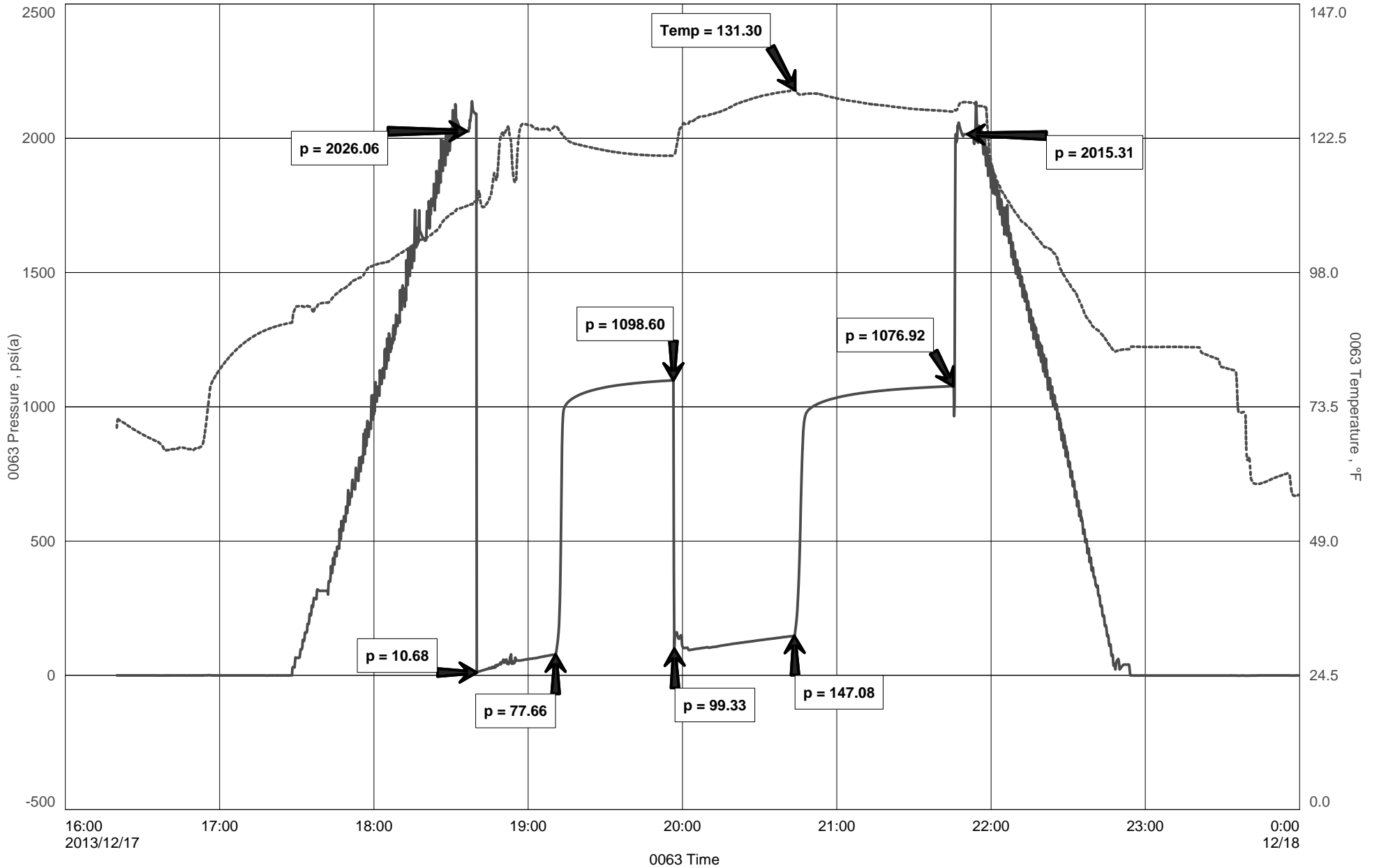
Initial Hydrostatic Pressure..... (A) 2026 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 78 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 1099 P.S.I.  
Final Flow Period..... Minutes 45 (E) 99 P.S.I. to (F) 147 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 1077 P.S.I.  
Final Hydrostatic Pressure..... (H) 2015 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.

L.D. DRILLING, INC.  
DST#4 4073-4250 FT. SCOTT/JOHNSON  
Start Test Date: 2013/12/17  
Final Test Date: 2013/12/17

SOFT TAIL #1-29  
Formation: DST#4 4073-4250 FT. SCOTT/JOHNSON  
Pool: WILDCAT  
Job Number: M595

# SOFT TAIL #1-29







**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: SFTTL1-29DST5

TIME ON: 0900  
TIME OFF: 1445

Company L.D. DRILLING, INC. Lease & Well No. SOFT TAIL #1-29  
Contractor KIM SHOEMAKER Charge to L.D. DRILLING, INC.  
Elevation 2614 KB Formation MISSISSIPPI Effective Pay \_\_\_\_\_ Ft. Ticket No. M596  
Date 12/18/2013 Sec. 29 Twp. 14 S Range 29 W County GOVE State KANSAS  
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 5 Interval Tested from 4264 ft. to 4284 ft. Total Depth 4284 ft.  
Packer Depth 4259 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 4264 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4246 ft. Recorder Number 0063 Cap. 6,000 P.S.I.  
Bottom Recorder Depth (Outside) 4266 ft. Recorder Number E1150 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEM Viscosity 48 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 2,000 P.P.M. Drill Pipe Length 4232 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 20 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: A WSB THAT DIMINISHED UNTIL DEAD @ 9 MIN NO BB  
2nd Open: \_\_\_\_\_

Recovered <1 ft. of CO 100% OIL  
Recovered 12 ft. of OSM 3% OIL, 97%MUD  
Recovered <13 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 2% GAS, 4% OIL, 1% WTR, 93% MUD	Total

Time Set Packer(s) 11:30 A.M. <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 12:30 P.M. <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 118°F

Initial Hydrostatic Pressure..... (A) 1230 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 13 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 1008 P.S.I.  
Final Flow Period..... Minutes - (E) - P.S.I. to (F) - P.S.I.  
Final Closed In Period..... Minutes - (G) - P.S.I.  
Final Hydrostatic Pressure..... (H) 2065 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.

# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	L.D. DRILLING, INC.	Job Number	M596
Well Name	SOFT TAIL #1-29	Representative	MIKE COCHRAN
Unique Well ID	DST#5 4264-4284 MISSISSIPPI	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.29-14S-29W GOVE CO.KS.	Report Date	
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#5 4264-4284 MISSISSIPPI		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/12/18	Start Test Time	09:00:00
Final Test Date	2013/12/18	Final Test Time	14:45:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

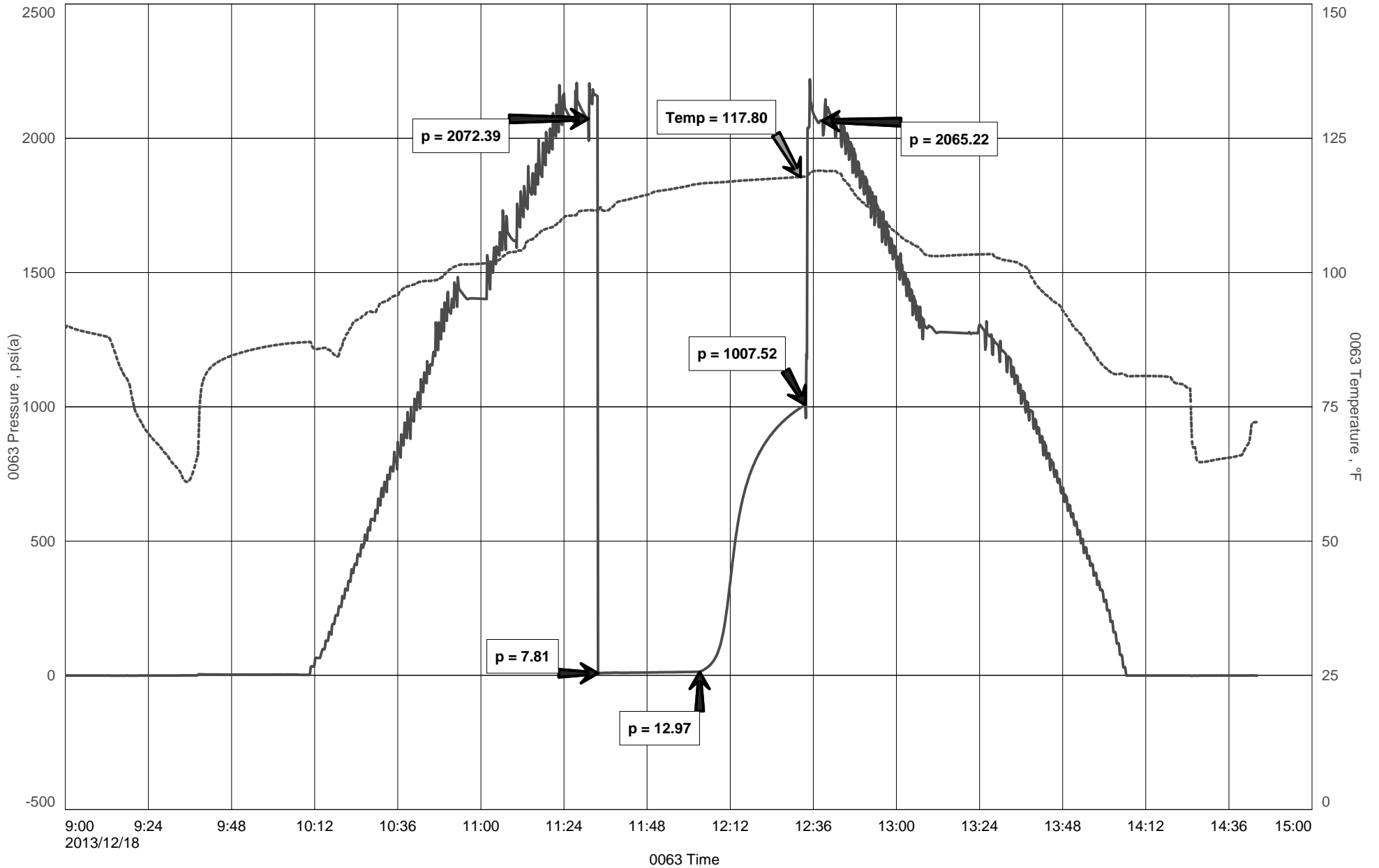
### Test Results

Remarks RECOVERED:  
<1' CO 100% OIL  
12' V  
<13' TOTAL FLUID

GRAVITY: 36.6 @ 60 DEG

TOOL SAMPLE: 2% GAS, 4% OIL, 1% WTR, 93% MUD

# SOFT TAIL #1-29



KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 \* WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.

LEASE #1-29 SOFT TAIL

FIELD LUNDGREN

LOCATION 1285' ESL & 2050' FWL

SEC 29 TWP 14s RGE 29W

COUNTY GOVE STATE KANSAS

CONTRACTOR L. D. DRILLING, INC.

SPUD 12-7-13 COMP 12- -13

RTD 4400 LTD 4399

MUD UP 3200 TYPE MUD CHEMICAL

ELEVATIONS

KB 2614

DF

GL 2609

Measurements Are All From 2614 KB

CASING

SURFACE 8 5/8" @ 348'

PRODUCTION 5 1/2" @

ELECTRICAL SURVEYS

DUAL IND. DENS-N., MICRO

SAMPLES SAVED FROM 3400 TO 4400

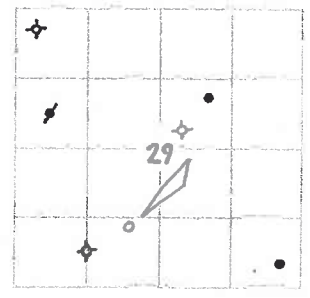
DRILLING TIME KEPT FROM 3150 TO 4400

SAMPLES EXAMINED FROM 3400 TO 4400

GEOLOGICAL SUPERVISION FROM 3500 TO 4400

GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	2022+592	2020+594
B/ANH.	2051+563	2054+560
STOTLER	3262-648	3265-651
HEEGNER	3632-1018	3634-1020
LANSING	3668-1054	3668-1054
STARK	3915-1301	3916-1302
MARMATON	4009-1395	4014-1400
FORT SCOTT	4164-1550	4162-1548
CHEROKEE	4188-1574	4190-1576
MISSISSIPPI SPERGEN	4268-1654	4271-1657



REMARKS

API: 15-063-22164

12-7-13 SPUD  
 12-8 @ Fringe Up 12-19 @ 4400  
 12-9 @ 351'  
 12-10 @ 565'  
 12-11 @ 2100'  
 12-12 @ 2878'  
 12-13 @ 3350'  
 12-14 @ 3780'  
 12-15 @ 3910'  
 12-16 @ 4060'  
 12-17 @ 4175'  
 12-18 @ 4284'

LEGEND

- Dolomite
- Chert
- Oil Lime
- Limestone
- Carb sh
- Shale
- Sandstone
- Salt
- Anhydrite



DEPTH 1950

2000

2050

LITHOLOGY

SAMPLE DESCRIPTIONS

REMARKS

ANHYDRITE 2020+594

R-Ann 01-21-13

SHOE01-06

3150

3200

STOTLER 3265-651

3300

VIS 48

WT: 8.5

Vol: 8.8

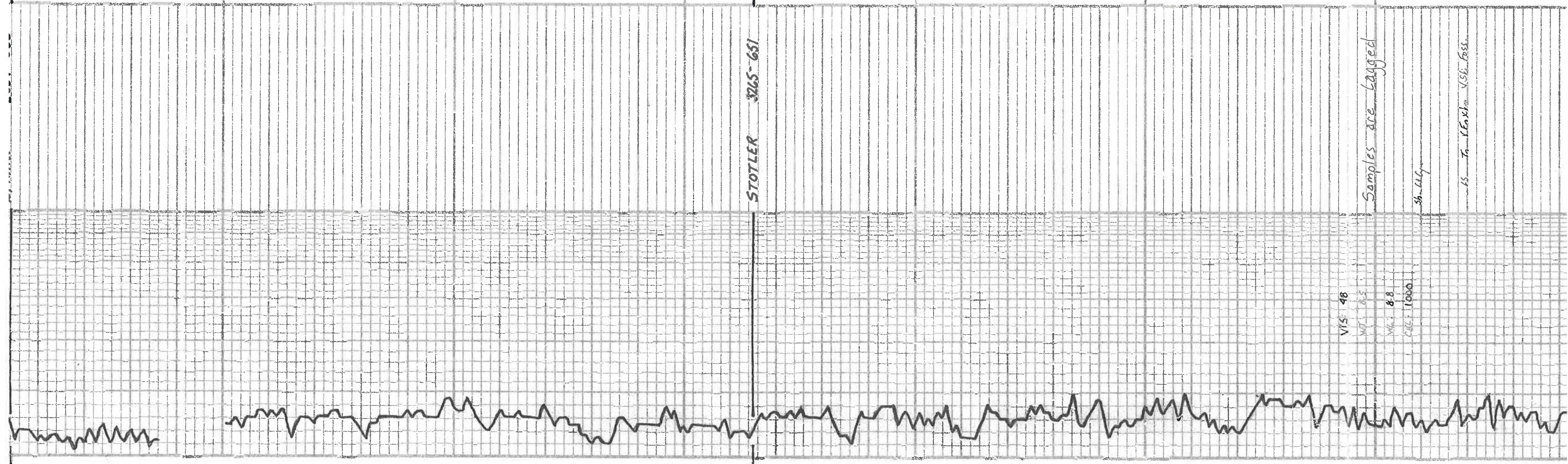
Calc: 1000

Samples are tagged

Sh. 116

15 To 16000 VIS. 1000

3400



LS. wt. 44g. Foss. Calcite.

Sh. 44g. Silty

LS. To. 11.00.00. Sil. A

LS. To. Br. Sil. A. VSI. Foss.

LS. wt. 44g. Sil. 00.00.0.

Sh. Gy. Silty

LS. To. wt. 11.00.00. Sil. A

LS. wt.

LS. To. Sil. Foss. Sil. A

LS. To. 44g. Foss. Calcite.

LS. To. wt. 11.00.00. Sil. A

LS. To. gy. Foss. Calcite.

LS. To. wt. Sil. Foss. Sil. A. P. V. gy. No. 1000. No. 1000. No. 1000.

HEEBNER 3634-7020

Sh. Brk. Carb.

Sh. 44g.

TORONTO

LS. wt. To. Sil. 68. Sil. A. P. V. gy. No. 1000. No. 1000. No. 1000.

LANSING 3668-1054

LS. To. wt. 00. Sil. A

LS. To. 00. Sil. A. Dnl.

Sh. 44g.

LS. wt. 44g. Sil. Foss. P. V. gy. No. 1000. No. 1000. No. 1000.

LS. To. gy. VSI. Foss.

Sh. 44g. VSI. Silty

LS. wt. Sil. Foss. Calcite.

LS. To. 44g. Du. VSI. Chit. VSI. Foss.

LS. To. 44g. Sil. Foss. P. V. gy. No. 1000. No. 1000. No. 1000.

LS. To. gy. Shool. Foss. P. V. gy. No. 1000. No. 1000. No. 1000.

LS. wt. chit.

3500

3600

3700









Customer <i>L.O. Drilling</i>	Lease No.	Date	
Lease <i>SOFT TAIL</i>	Well # <i>1-29</i>	<i>12-09-13</i>	
Field Order # <i>9547</i>	Station <i>PRATT KS</i>	Casing <i>8 5/8</i>	Depth <i>351</i>
Type Job <i>CW 2 8 5/8 surface</i>	Formation	County <i>GOVE</i>	State <i>KS</i>
		Legal Description <i>29-14-29</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>				Pre Pad	Max		5 Min.	
Depth <i>351</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>21</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>300</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>SWAY</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>355</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Fullin</i>
Service Units <i>37900 33708 20920 19959 19860 19889 19843</i>		
Driver Names <i>Sullivan GRAYSON Phye TDM K.</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>3:30</i>					<i>on loc. setting next-y</i>
					<i>Run 8 st 8 5/8 #22 cy</i>
<i>5:50</i>					<i>ceasing on bottom</i>
<i>6:00</i>					<i>Rig crew sig. wait on truck parts</i>
<i>1:30</i>			<i>3</i>	<i>3</i>	<i>14 SPACER</i>
				<i>4.5</i>	<i>mix cont 300 sk 60/40 pot 30% cc 1/4 CF 14.8 pp.g</i>
			<i>64</i>		<i>cont mixed</i>
					<i>st prop</i>
<i>2:00</i>	<i>260</i>		<i>21</i>		<i>phy down</i>
					<i>circled 12 and cont pit</i>
					<i>thank you</i>
					<i>Job complete</i>



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

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

**FIELD SERVICE TICKET**  
1718 09344 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 12-20-13 DISTRICT _____		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER LO Drilling		LEASE Soft Tail 1-29 WELL NO.							
ADDRESS _____		COUNTY Gove STATE KS							
CITY _____ STATE _____		SERVICE CREW ED Dale Pat Joe							
AUTHORIZED BY _____		JOB TYPE: CNW 2 Stage Longstring							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19889-19843	2.15						12-19-13	AM	430
70959-19918	2.15					ARRIVED AT JOB	12-19-13	AM	1000
19826-73768	2.15					START OPERATION	12-20-13	AM	215
28443						FINISH OPERATION		AM	400
						RELEASED		AM	500
						MILES FROM STATION TO WELL			160

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

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

SIGNED: X.L.D. Davis  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA2 Cement	SK	150		2,550 00
CP 101	A-Con Blend	SK	290		5,220 00
CP 103	60/40 Poz	SK	30		360 00
CL 102	Cello Flake	lb	110		407 00
CL 105	C-41P Deframer	lb	36		144 00
CL 109	Calcium Chloride	lb	819		859 95
CL 111	SALT	lb	740		370 00
CL 115	C-44	lb	141		726 15
CL 129	FLA-322	lb	141		1,057 50
CL 201	GILSONITE	lb	750		502 50
CF 401	Two Stage Cement collar	eq	1		6,100 00
CF 601	5/2 Latch Down Plug	eq	1		850 00
CF 1251	Auto fill shoe	eq	1		360 00
CF 1651	Turbolizer	eq	8		880 00
CF 1901	Basket	eq	1		290 00
CF 2007	Scratchers	eq	35		1,750 00
CC 154	Super Flush	gal	500		1,225 00

SUB TOTAL  
16

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE <u>[Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>X.L.D. Davis By D. Scott</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
---	--

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



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

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

**FIELD SERVICE TICKET**

1718 ~~09345~~ A  
CONT

DATE \_\_\_\_\_ TICKET NO. 1718-093441

DATE OF JOB 12-20-13		DISTRICT Pratt		NEW WELL <input checked="" type="checkbox"/>		OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/>		INJ <input type="checkbox"/>		WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER L.D. Drilling				LEASE Soft Tail				129 WELL NO.							
ADDRESS				COUNTY Gove				STATE KS							
CITY				STATE				SERVICE CREW ED Dale Pat Joe							
AUTHORIZED BY				JOB TYPE: CNW 2 STAGG LOWEST PRESSURE											
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED		DATE	AM	PM	TIME				
						ARRIVED AT JOB			AM	PM					
						START OPERATION			AM	PM					
						FINISH OPERATION			AM	PM					
						RELEASED			AM	PM					
						MILES FROM STATION TO WELL									

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

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

SIGNED: X L.D. Davis  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
E 106	Pickup mileage	mi	160		680 00
E 101	Heavy Mileage	mi	480		3,360 00
E 113	Bulk Delivery	Tm	3520		5,632 00
CE 205	DEPTH Charge 400' - 5000'	4hr	1		2,520 00
CE 240	Mixing Charge	SK	470		658 00
CE 501	Casing Swivel	EG	1		200 00
CE 504	Plug container	JOB	1		250 00
S 003	Supervisor	EG	1		175 00
CE 203	DEPTH Charge 200' - 3000'	4hr	1		1,800 00

CHEMICAL / ACID DATA:			

SUB TOTAL	26,081	16
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE <u>medm</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>X L.D. Davis By D Scott</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
------------------------------------	---

FIELD SERVICE ORDER NO.

Customer <b>LD Drilling</b>	Lease No.	Date <b>12-20-13</b>
Lease <b>SOFT TAIL</b>	Well # <b>129</b>	
Field Order # <b>9344</b>	Station <b>Pratt</b>	Casing <b>5 1/2</b>
		Depth <b>4400</b>
Type Job <b>CNW</b>	<b>5 1/2 2 Stage LS</b>	Formation
		Legal Description <b>29-14-29</b>
		County <b>GOVE</b>
		State <b>KS</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<b>5 1/2</b>								
Depth <b>4400</b>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <b>106</b>	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <b>4383</b>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <b>RICK</b>	Station Manager <b>Kevin</b>	Treater <b>JOE</b>
Service Units <b>19889</b>	<b>19843</b>	<b>70959</b>
<b>19918</b>	<b>19826</b>	<b>73768</b>
Driver Names <b>ED</b>	<b>DALE</b>	<b>PAT</b>
		<b>JOE</b>

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<b>12:20</b>					ON LOC/safety meeting
					Run JTS of 5 1/2 csg @ 14#
					175' of scratchers
					Cent. on 1-3-5-7-9-11-13-58
					Basket on JT 57#
					DV TOOL ON TOP OF JT 57 @ 2075'
					BOTTOM Stage
<b>2:15</b>	<b>200</b>		<b>5</b>	<b>6</b>	H2O SPacer
			<b>12</b>	<b>6</b>	SUPPER FLUSH
			<b>5</b>	<b>6</b>	H2O SPacer
	<b>400</b>		<b>38</b>	<b>6</b>	Mix 150 SLS OF AA2 cement @ 15#
			<b>0</b>	<b>0</b>	SHUT DOWN Wash PUMP & Lines
			<b>0</b>	<b>0</b>	DROP PLUG
	<b>400</b>		<b>60</b>	<b>6</b>	START H2O DISP
			<b>60</b>	<b>6</b>	START Mud DISP
			<b>51</b>	<b>6</b>	LIFT PSI
<b>3</b>	<b>1500</b>		<b>106</b>	<b>6</b>	PLUG DOWN
					ROTAT Thru. BOTTOM stage
					PLUG RAT Hole - 30 SLS @ 40 P02

