



KANSAS CORPORATION COMMISSION 1051676
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: _____



1051676

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	L. D. Drilling, Inc.
Well Name	Bernice 2-23
Doc ID	1051676

All Electric Logs Run

BOREHOLE COMPENSATED SONIC LOG
DUAL COMPENSATED POROSITY LOG
DUAL INDUCTION LOG
MICRORESISTIVITY LOG
SONIC CEMENT BOND LOG

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	Bernice 2-23
Doc ID	1051676

Tops

Name	Top	Datum
ANHYDRITE	598	+1235
BASE ANHYDRITE	620	+1213
HEEBNER	3094	-1261
TORONTO	3111	-1278
DOUGLAS	3124	-1291
BROWN LIME	3220	-1385
LANSING	3238	-1405
BASE KANSAS CITY	3474	-1641
CONGLOMERATE	3483	-1650
VIOLA	3510	-1677
ARBUCKLE	3578	-1745

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	Bernice 2-23
Doc ID	1051676

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Tyep and Percent Additives
SURFACE	12.25	8.625	24	339	A-CON	175	3%CC & .25#CF
SURFACE CONT	12.25	8.625	24	339	COMMON	200	3%CC,2% Gel,.25#CF
TOP OFF SURFACE	12.25	8.625	24	339	COMMON	50	3%CC
PRODUCTION	7.875	5.5	15.5	3714	60/40 POZMIX	180	18%Salt,.5%CFR,5# Gil,.25#CF

DIAMOND TESTING

Drill Test Report

General Information

Company Name L.D. DRLG

Contact L.D. DAVIS
Well Name BERNICE 2-23
Unique Well ID DST#1 3224-3314 LANS. A-F
Surface Location SEC.23-21S-12W STAFFORD CO. KS.
Field WILDCAT
Well Type Vertical

Job Number M049
Representative MIKE COCHRAN
Well Operator L.D. DRLG
Report Date 2010/11/14
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#1 3224-3314 LANS. A-F
Well Fluid Type 01 Oil
Test Purpose (AEUB)

Start Test Time
Final Test Time 07:52:00

Start Test Date
Final Test Date 2010/11/14

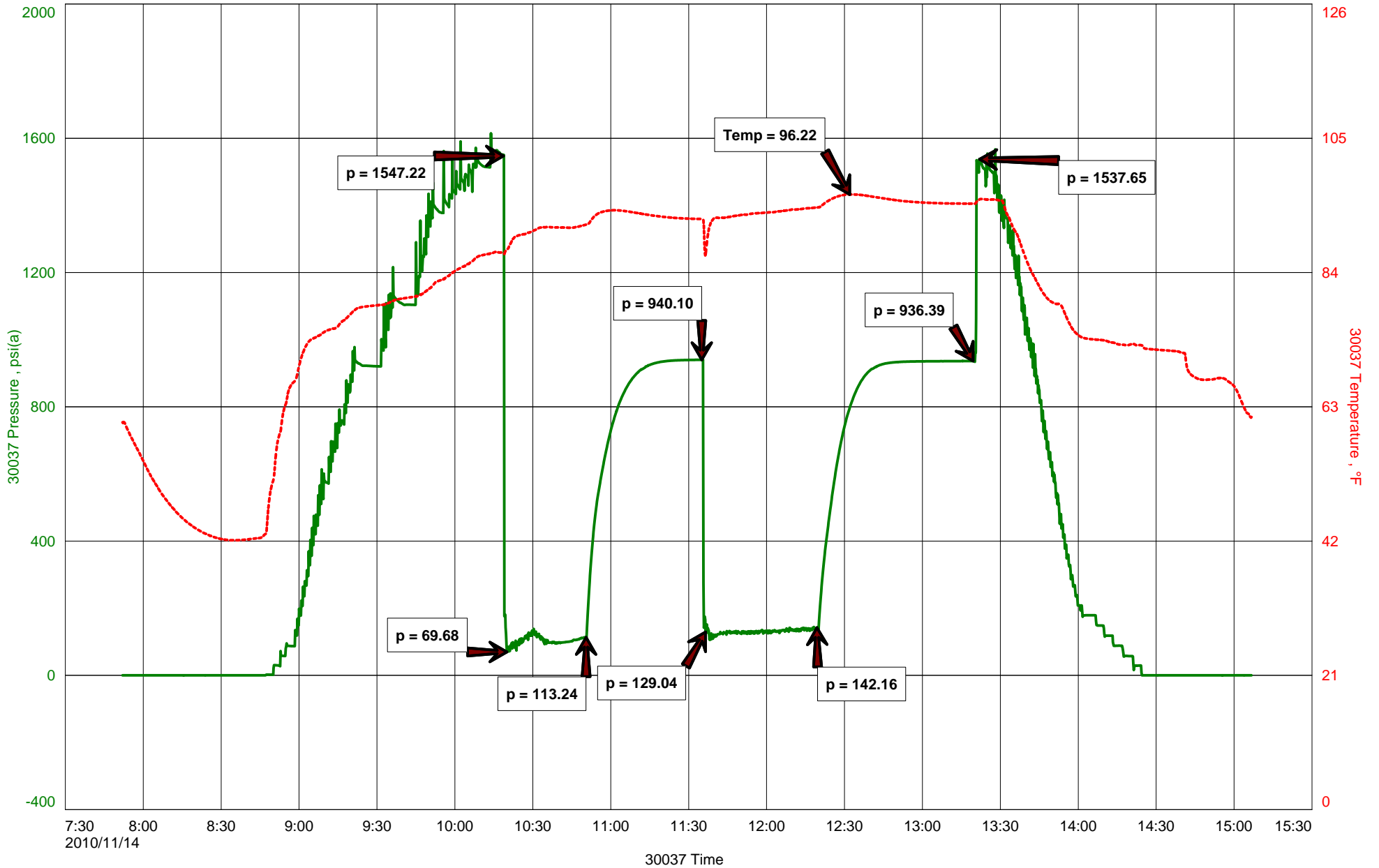
Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 171' GOSM 22% GAS, 2% OIL SCUM, 1% WTR, 75% MUD
126' GHOCM 20% GAS, 48% OIL, 20 % WTR, 12% MUD
120' GMCO 26% GAS, 53% OIL, 13% WTR, 8% MUD
417' TOTAL FLUID

TOOL SAMPLE: GAS

BERNICE 2-23





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

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.

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DIAMOND TESTING

Drill Test Report

General Information

Company Name L.D. DRLG

Contact L.D. DAVIS
Well Name BERNICE 2-23
Unique Well ID DST#2 3367-3403 LANS H
Surface Location SEC.23-21S-12W STAFFORD CO. KS.
Field WILDCAT
Well Type Vertical

Job Number M050
Representative MIKE COCHRAN
Well Operator L.D. DRLG
Report Date 2010/11/15
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#2 3367-3403 LANS H
Well Fluid Type 01 Oil
Test Purpose (AEUB)

Start Test Time 23:32:00
Final Test Time 07:03:00

Start Test Date 2010/11/14
Final Test Date 2010/11/15

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 68' MO 90% OIL, 3% WTR, 7% MUD
85' GMCO 6% GAS, 56% OIL, 4% WTR, 34% MUD
35' MO 93% OIL, 3% WTR, 4% MUD
188' TOTAL FLUID

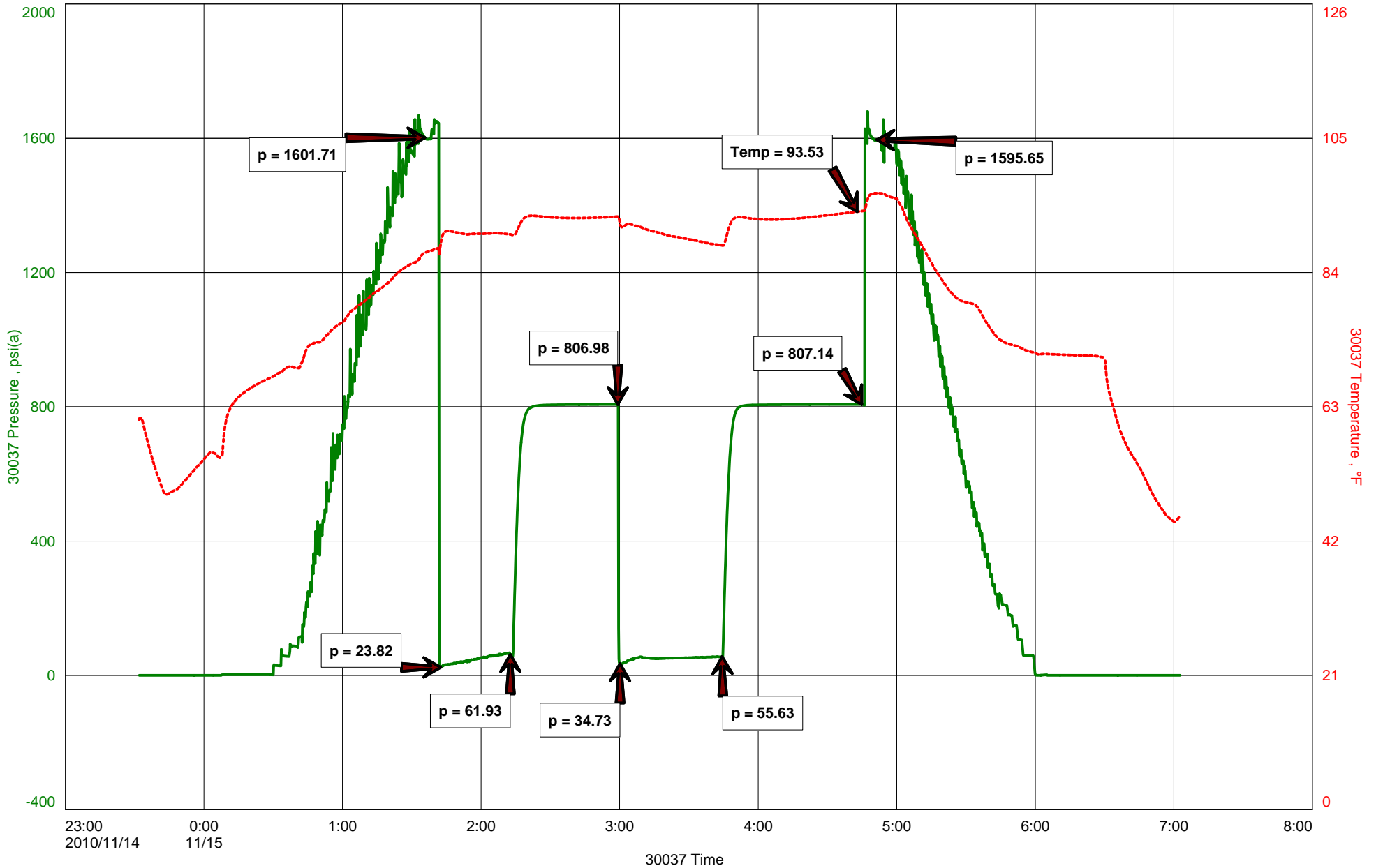
GRAVITY 33.6 @ 60 DEG

TOOL SAMPLE: GAS

L.D. DRLG
DST#2 3367-3403 LANS H
Start Test Date: 2010/11/14
Final Test Date: 2010/11/15

BERNICE 2-23
Formation: DST#2 3367-3403 LANS H
Pool: WILDCAT
Job Number: M050

BERNICE 2-23





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

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.

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DIAMOND TESTING

Drill Test Report

General Information

Company Name L.D. DRLG

Contact L.D. DAVIS
Well Name BERNICE 2-23
Unique Well ID DST#3 3410-3471 LKC I,J,K
Surface Location SEC.23-21S-12W STAFFORD CO. KS.
Field WILDCAT
Well Type Vertical

Job Number M051
Representative MIKE COCHRAN
Well Operator L.D. DRLG
Report Date 2010/11/15
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#3 3410-3471 LKC I,J,K
Well Fluid Type 01 Oil
Test Purpose (AEUB)

Start Test Time 15:56:00
Final Test Time 21:44:00

Start Test Date 2010/11/15
Final Test Date 2010/11/15

Gauge Name 30037
Test Type Name

Test Results

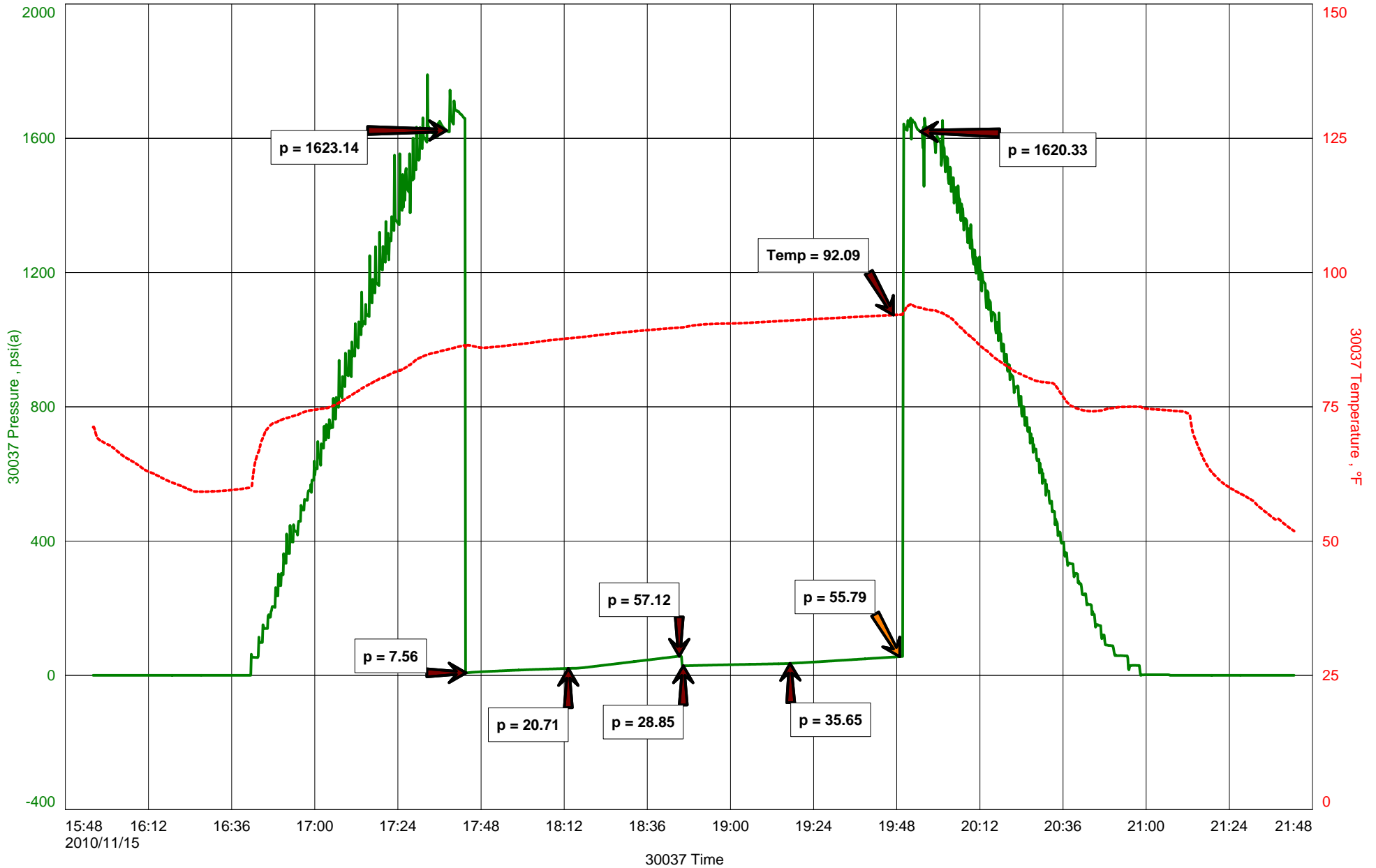
RECOVERED: 15' DRLG MUD W/ FEW OIL SPECKS
15' TOTAL FLUID

TOOL SAMPLE: DRLG MUD W/ OIL SPOTS

L.D. DRLG
DST#3 3410-3471 LKC I,J,K
Start Test Date: 2010/11/15
Final Test Date: 2010/11/15

BERNICE 2-23
Formation: DST#3 3410-3471 LKC I,J,K
Pool: WILDCAT
Job Number: M051

BERNICE 2-23





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

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.

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

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.

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DIAMOND TESTING

Drill Test Report

General Information

Company Name L.D. DRLG

Contact L.D. DAVIS
Well Name BERNICE 2-23
Unique Well ID DST#4 3473-3530 CONGL-VIOLA
Surface Location SEC.23-21S-12W STAFFORD CO. KS.
Field WILDCAT
Well Type Vertical

Job Number M052
Representative MIKE COCHRAN
Well Operator L.D. DRLG
Report Date 2010/11/16
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#4 3473-3530 CONGL-VIOLA
Well Fluid Type 01 Oil
Test Purpose (AEUB)

Start Test Time 04:36:00
Final Test Time 10:41:00

Start Test Date 2010/11/16
Final Test Date 2010/11/16

Gauge Name 30037
Test Type Name

Test Results

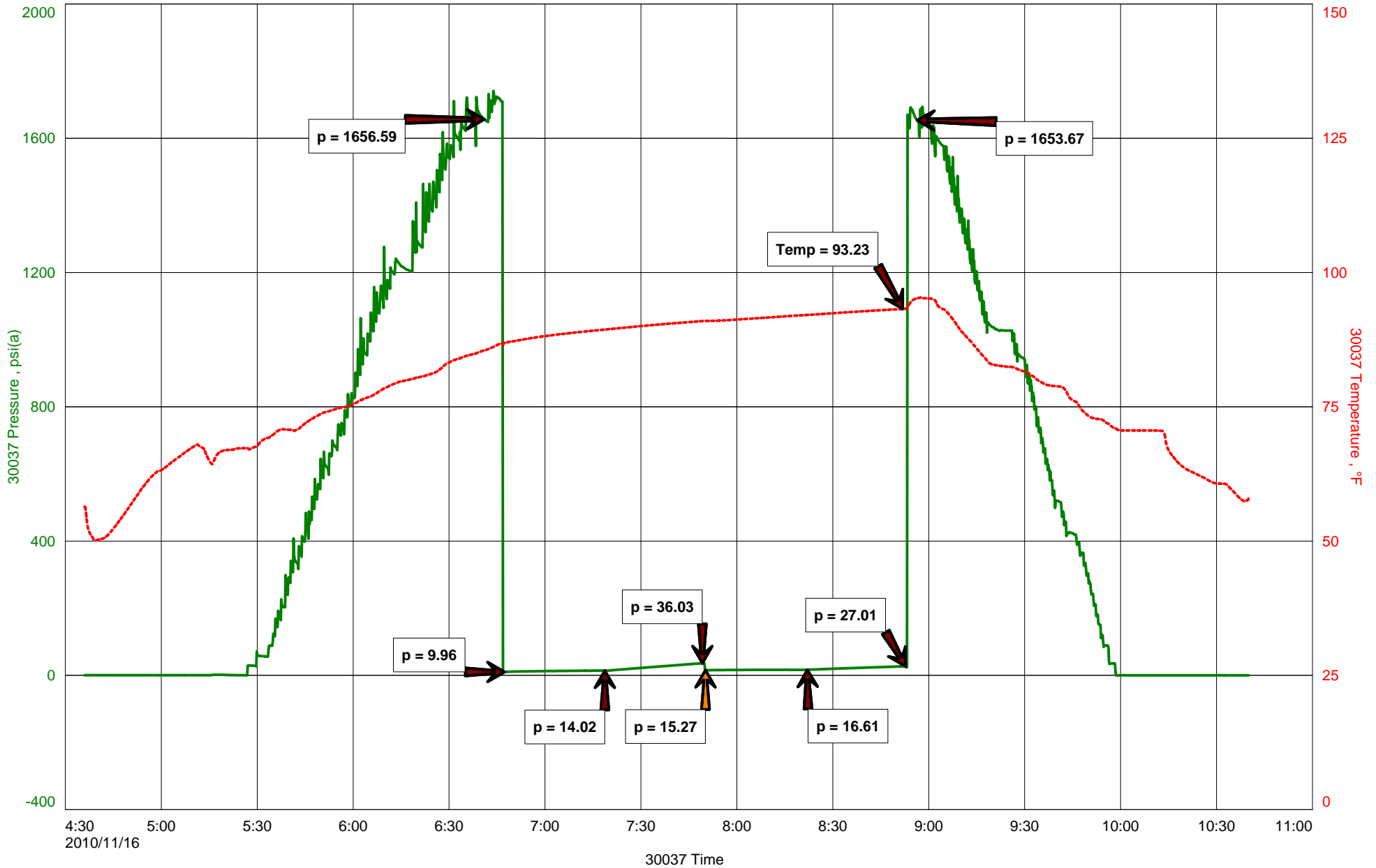
RECOVERED: 5' DRLG MUD
5' TOTAL FLUID

TOOL SAMPLE: DRLG MUD W/ VERY FEW SPECKS OF OIL

L.D. DRLG
DST#4 3473-3530 CONGL-VIOLA
Start Test Date: 2010/11/16
Final Test Date: 2010/11/16

BERNICE 2-23
Formation: DST#4 3473-3530 CONGL-VIOLA
Pool: WILDCAT
Job Number: M052

BERNICE 2-23





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

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.

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DIAMOND TESTING

Drill Test Report

General Information

Company Name L.D. DRLG

Contact L.D. DAVIS
Well Name BERNICE 2-23
Unique Well ID DST#5 3540-3588 ARB
Surface Location SEC.23-21S-12W STAFFORD CO. KS.
Field WILDCAT
Well Type Vertical

Job Number M053
Representative MIKE COCHRAN
Well Operator L.D. DRLG
Report Date 2010/11/17
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#5 3540-3588 ARB
Well Fluid Type 01 Oil
Test Purpose (AEUB)

Start Test Time 18:51:00
Final Test Time 02:07:00

Start Test Date 2010/11/16
Final Test Date 2010/11/14

Gauge Name 30037
Test Type Name

Test Results

RECOVERED:1071' G.I.P.
63' CO
267' GMO 6% GAS, 80% OIL, 14% MUD
120' GMO 4% GAS, 82% OIL, 14% MUD

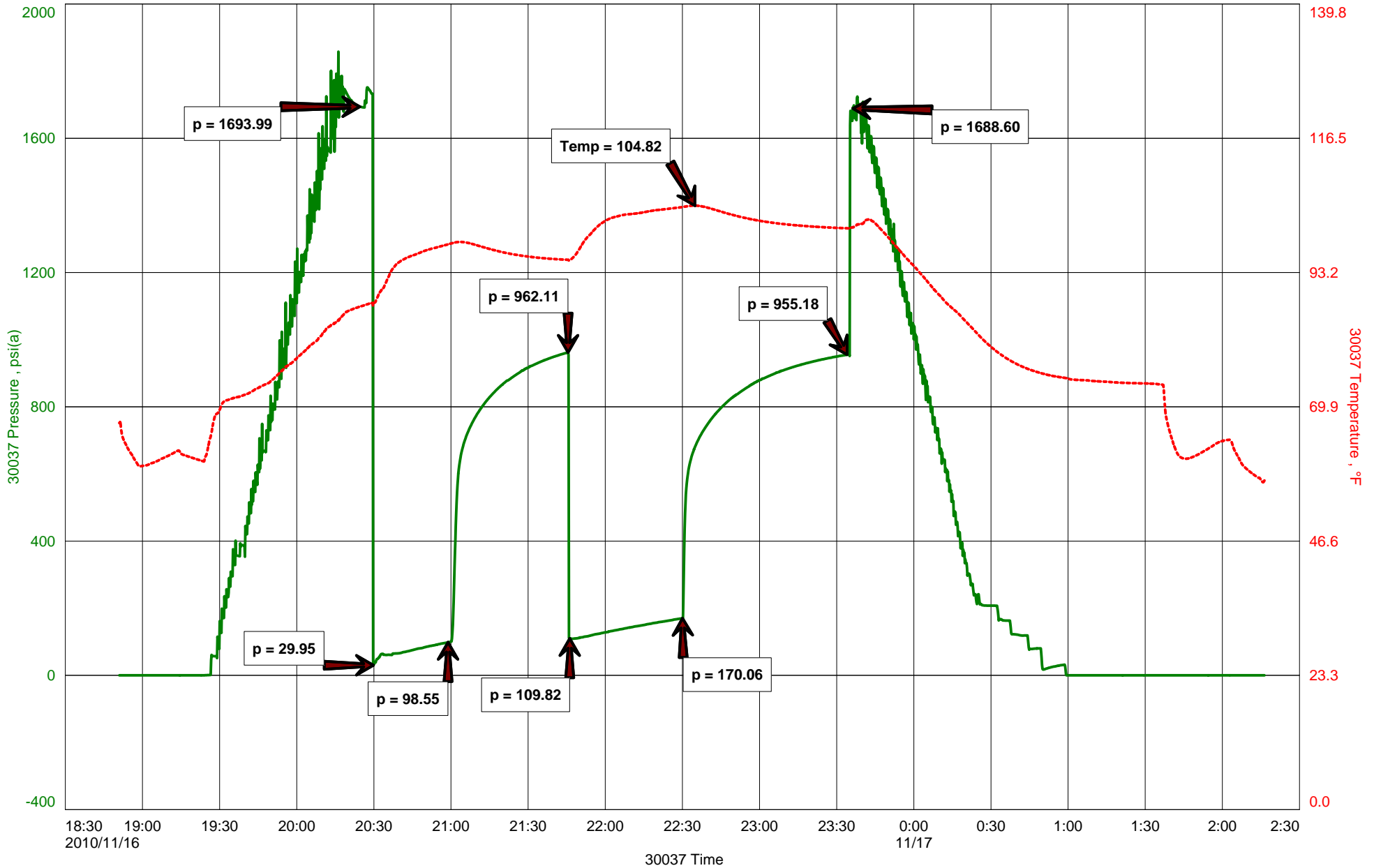
GRAVITY: 41.0 @ 60 DEG

TOOL SAMPLE: 100% CLEAN OIL

L.D. DRLG
DST#5 3540-3588 ARB
Start Test Date: 2010/11/16
Final Test Date: 2010/11/14

BERNICE 2-23
Formation: DST#5 3540-3588 ARB
Pool: WILDCAT
Job Number: M053

BERNICE 2-23





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

Drill Test Report

General Information

Company Name L.D. DRLG

Contact L.D. DAVIS
Well Name BERNICE 2-23
Unique Well ID DST#6 3588-3600 ARB
Surface Location SEC.23-21S-12W STAFFORD CO. KS.
Field WILDCAT
Well Type Vertical

Job Number M050
Representative MIKE COCHRAN
Well Operator L.D. DRLG
Report Date 2010/11/17
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#6 3588-3600 ARB
Well Fluid Type 01 Oil
Test Purpose (AEUB)

Start Test Time 07:48:00
Final Test Time 15:02:00

Start Test Date 2010/11/17
Final Test Date 2010/11/17

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 1134' GFO 2% GAS, 98% OIL
120' GMO 6% GAS, 80% OIL, 14% MUD
1254' TOTAL FLUID

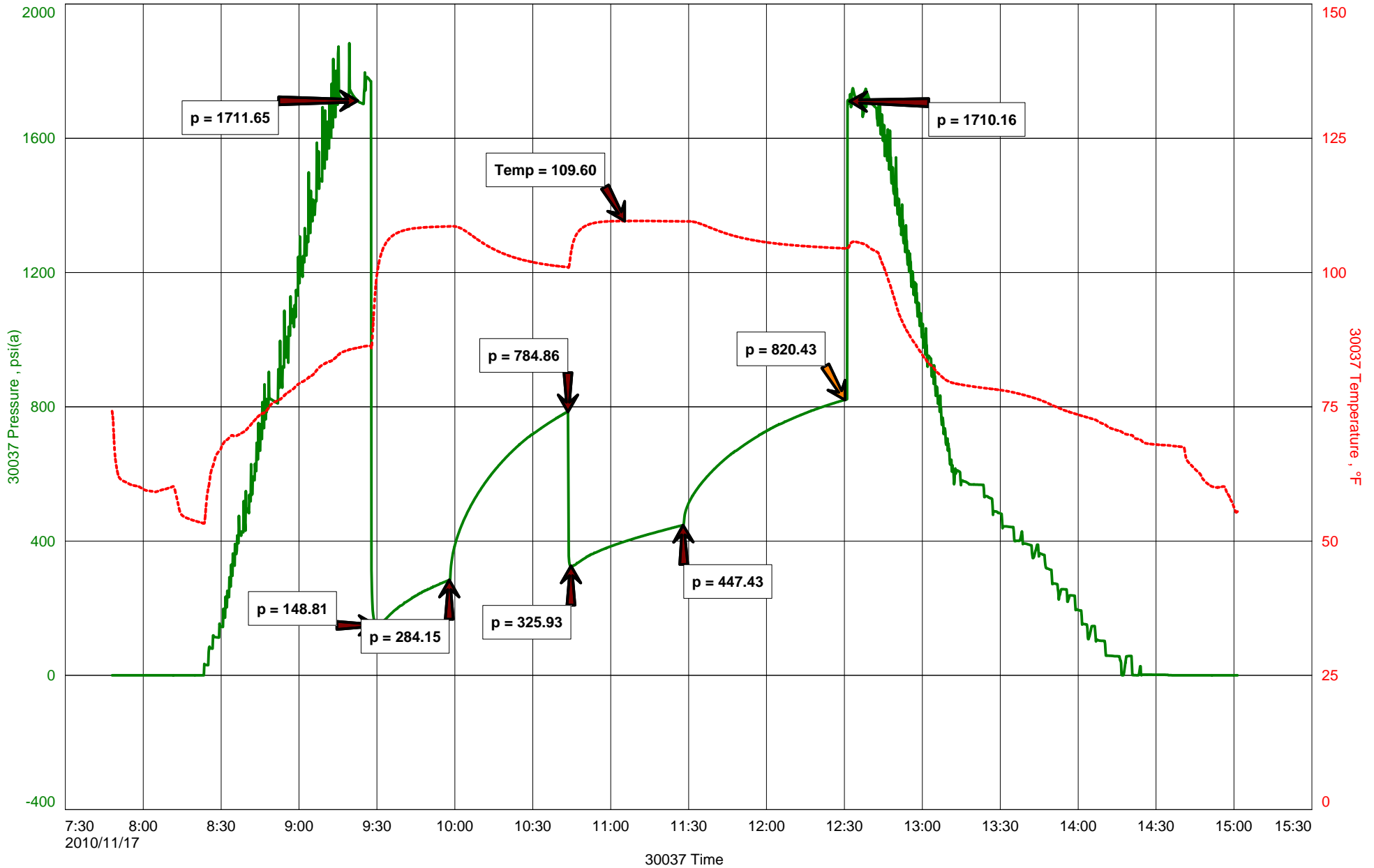
GRAVITY: 39.8 @ 60 DEG.

TOOL SAMPLE: 100% GASSY OIL

L.D. DRLG
DST#6 3588-3600 ARB
Start Test Date: 2010/11/17
Final Test Date: 2010/11/17

BERNICE 2-23
Formation: DST#6 3588-3600 ARB
Pool: WILDCAT
Job Number: M050

BERNICE 2-23





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

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

Drill Test Report

General Information

Company Name L.D. DRLG

Contact L.D. DAVIS
Well Name BERNICE 2-23
Unique Well ID DST#7 3600-3612ARB
Surface Location SEC.23-21S-12W STAFFORD CO. KS.
Field WILDCAT
Well Type Vertical

Job Number M050
Representative MIKE COCHRAN
Well Operator L.D. DRLG
Report Date 2010/11/17
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#7 3600-3612ARB
Well Fluid Type 01 Oil
Test Purpose (AEUB)

Start Test Time 20:09:00
Final Test Time 05:07:00

Start Test Date 2010/11/17
Final Test Date 2010/11/18

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 1606 G.I.P
660' GFO 2% GAS, 98% OIL
120' GMO 6% GAS, 80% OIL, 14% MUD
780' TOTAL FLUID

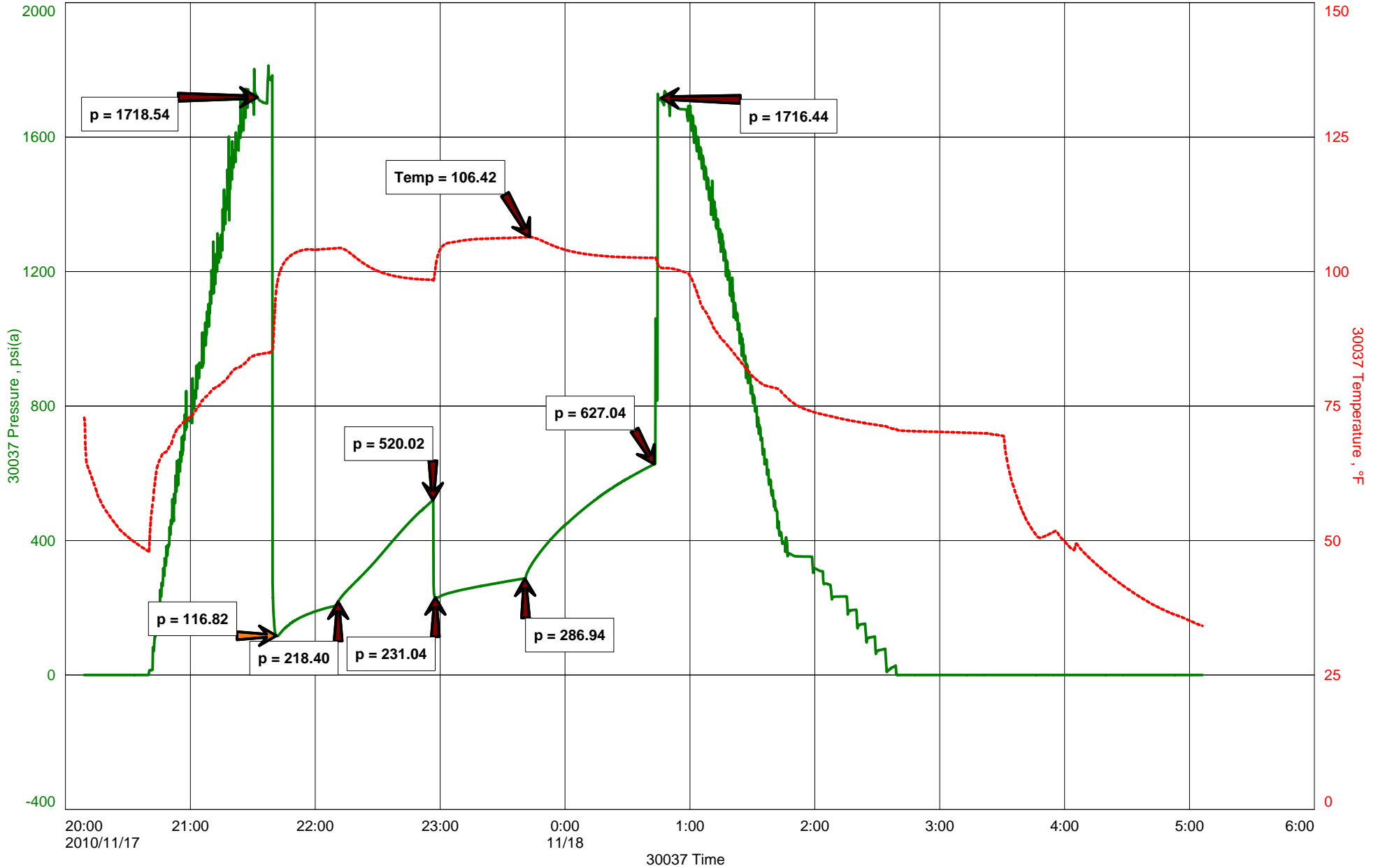
GRAVITY: 40.0 @ 60 DEG

TOOL SAMPLE: GASSY OIL

L.D. DRLG
DST#7 3600-3612ARB
Start Test Date: 2010/11/17
Final Test Date: 2010/11/18

BERNICE 2-23
Formation: DST#7 3600-3612ARB
Pool: WILDCAT
Job Number: M050

BERNICE 2-23





BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 03101 A

23-215-12W

DATE _____ TICKET NO. _____

DATE OF JOB 11-11-10		DISTRICT Pratt, Kansas		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, Incorporated				LEASE Bernice				WELL NO. 2-23							
ADDRESS				COUNTY Stafford				STATE Kansas							
CITY				STATE				SERVICE CREW C. Messick, M. Mattal, L. Wisner							
AUTHORIZED BY				JOB TYPE C.N.W. - Surface											
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME					
19,866	.5						11-10-10		PM	9:00					
						ARRIVED AT JOB	11-10-10		PM	11:00					
19,903-19,905	.5					START OPERATION	11-11-10		AM	12:30					
						FINISH OPERATION	11-11-10		AM	1:00					
19,831-19,862	.5					RELEASED	11-11-10		AM	1:30					
						MILES FROM STATION TO WELL	45								

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: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P CP 101	A-Cov Blend Cement	sk	175	\$	3,150.00
P CP 100	Common Cement	sk	200	\$	3,200.00
P CC 102	Cellflake	Lb	94	\$	347.80
P CC 109	Calcium Chloride	Lb	1,059	\$	1,111.95
P CC 200	Cement Gel	Lb	376	\$	94.00
P CF 153	Wooden Plug, 8 5/8"	ea	1	\$	160.00
P E 100	Pickup Mileage	mi	45	\$	191.25
P E 101	Heavy Equipment Mileage	mi	90	\$	630.00
P E 113	Bulk Delivery	tm	79.4	\$	1,270.80
P CE 200	Cement Pump: 0 Feet To 500 Feet	hrs	4	\$	1,000.00
P CE 240	Blending and Mixing Service	Sk	375	\$	525.00
P CE 504	Plug Container	Job	1	\$	250.00
P S 003	Service Supervisor	Job	1	\$	175.00

SUB TOTAL
DLS \$ 8,474.06

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE <i>Shirene R. Messick</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Steve Clark</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
---	--

FIELD SERVICE ORDER NO.

Customer L.D. Drilling, Incorporated		Lease No. Bernice		Date 11-11-10	
Lease Bernice		Well # 2-23			
Field Order # 3101	Station Pratt, Kansas	Casing 8 5/8" 24 Lb.	Depth 340 Feet	County Stafford	State Kansas
Type Job C.N.W. - Surface			Formation	Legal Description 23-215-12W	

PIPE DATA		PERFORATING DATA		CEMENT USED	TREATMENT RESUME		
Casing Size 8 5/8" 24 Lb./ft.	Tubing Size 2 1/2" 9.3 Lb./ft.	Shots/Ft	1 T 5 sacks	ACON with 3% Calcium Chloride	RATE	PRESS	ISIP
Depth 340 Feet	Depth	From	to 2.6 Lb./Gal., 11.89 Gal.	5 ft., 2.12 CU. FT./SA.	Max		5 Min.
Volume 21.6 Bbl.	Volume	From	200 sacks Common with 3% Calcium Chloride, 28 Gal.	Min			10 Min.
Max. Press. 350 P.S.I.	Max Press	From	To 15 Lb./Gal., 6.13 Gal.	Avg			15 Min.
Well Connection Plug container	Annulus Vol.	From	To	HHP Used			Annulus Pressure
Plug Depth 322 Feet	Packer Depth	From	To	Flush 21 Bbl. Fresh Water	Gas Volume		Total Load

Customer Representative Tim Michol	Station Manager David Scott	Treater Clarence R. Messich
---------------------------------------	--------------------------------	--------------------------------

Service Units	19,866	19,903	19,905	19,831	19,862				
Driver Names	Messich	Mattal	Wiser						

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:30					Cement and Float Equipment on location.
11:00					Trucks on location and hold safety meeting.
11:35					Petronart Drilling start to run 8 Joints new 24 Lb./Ft. 8 5/8" casing.
12:25					Casing in well. Circulate for 5 minutes.
12:33	250			5	Start Fresh Water pre-flush.
	250		10	5	Start mixing 1 T 5 sacks ACON cement.
	150		76	5	Start mixing 200 sacks Common Cement.
	-0-		124		Stop pumping, Shut in well. Release Wooden Plug. Open Well.
12:54	100			5	Start Fresh Water Displacement.
1:00	350		21		Plug down. Shut in well.
					Circulated cement to the top of 6' cellar.
					Wash up pump truck.
					Job Complete.
					Thank You.
					Clarence, Milte, Lucas



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 02799 A

DATE _____ TICKET NO. _____

DATE OF JOB 11/11/10 DISTRICT PRATT, KS		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 LD DRILLING		LEASE BERNICE WELL NO: 2-23							
ADDRESS		COUNTY STAFFORD STATE KS							
CITY STATE		SERVICE CREW KG, JA, BRAD							
AUTHORIZED BY		JOB TYPE: CNW - TOP OFF SURFACE							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19907		19834					11/11	PM	0600
		19862				ARRIVED AT JOB		PM	0800
19889	1/2					START OPERATION		PM	0830
19842	1/2	19960	1/2			FINISH OPERATION		PM	0900
		19918				RELEASED		PM	0930
						MILES FROM STATION TO WELL	45		

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: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
TOP100	COMMON CEMENT	50 SK			800.00
CC109	CALCIUM CHLORIDE	141 lb.			148.05
E100	PICKUP MILE.	45 mile			191.25
E101	TRUCK MILE.	90 mile			630.00
E113	BULK DELIVERY	106 TM			169.20
CE240	BLEND CHARGE	50 SK.			70.00
5003	SERVICE SUPERVISOR	1 EACH			175.00
CE403	CEMENT PUMP ADD. HRS.	1 HOUR			500.00
SUB TOTAL					

CHEMICAL / ACID DATA:			

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

TOTAL

DL5 1878.45

SERVICE REPRESENTATIVE K. GORDLEY	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: LD Drilling (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
--	---

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer L.D. DRILLING	Lease No.	Date
Lease BERNICE	Well # 2-23	11-11-10
Field Order # 237	Station PRATT, KS	Casing
Type Job CNW - TOP OFF SURFACE	Formation	Depth
		County STAFFORD
		State KS
		Legal Description 23-21-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	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	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative LD	Station Manager SCOTTY	Treater CHORALEY
Service Units 19907	19889-19842	19960-19918
Driver Names KS	J.A.	BRAID

Time	Casing Pressure	Tubing Pressure	Bbfs. Pumped	Rate	Service Log
0800					ON LOCATION AFTER 8⁵/₈ SURFACE CEMENT FELL BACK 10' BELOW BOTTOM OF COLLAR
					RUN 1 JT. 1" TBG - TAG CEMENT - PULL JT. OUT - CEMENT FELL DN BOTTOM OF TBG - CLEAN OUT PUC -
					RUN 1" TO 10' BELOW COLLAR 20' FROM KB
0845		100	10	1	MIX 50SK COMMON 3% CC FILL COLLAR TO JUST ABOVE 8⁵/₈ COLLAR
					WAIT 30 MINUTES
					JET COLLAR CLEAN
0930					JOB COMPLETE - KEVIN



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 03127 A

DATE _____ TICKET NO. _____

DATE OF JOB: 11/19/10	DISTRICT: PRATT, KS	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: LD DRILLING	LEASE: BERNICE	WELL NO: 2-23								
ADDRESS:	COUNTY: STAFFORD	STATE: KS								
CITY:	STATE:	SERVICE CREW: KC, KL, WCHS, RJ.								
AUTHORIZED BY:	JOB TYPE: CNW - LOW STRONG									
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
19907		19960	1/2				11-18			2:00
		19918	1/2				11-18			2:00
19889	1/2						11-19			04:00
19842										05:00
										05:30
										45

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: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CF103	60/40 PIZ	SK	150		1800.00
CF103	60/40 PIZ	SK	30		360.00
CC102	CELL SAMPLE	Lb.	38		140.60
CC111	SALT	Lb.	1334		667.00
CC112	CFR	Lb.	65		390.00
CC701	GELSONITE	Lb.	750		502.50
CF103	5/16 TOP RUBBER PLUG	EA.	1		105.00
CF251	5/16 GUIDE SHOE	EA.	1		250.00
CF1451	5/16 API INSERT PLUGS	EA.	1		215.00
CF1631	5/16 TURBOLEVER	EA.	5		550.00
CF704	CS-12 HCL	gal.	1		35.00
CC151	MUDFLUSH	gal.	500		430.00
E100	PERKUP MILE.	mile	45		191.25
E101	THICK MILE.	mile	90		130.00
E113	BULK DELIVERY	TM	349		558.00
CE204	PUMP CHARGE	EA.	1		2160.00
CE240	BLENDING CHARGE	SK.	180		252.00
CE504	PLUG CONTAINER	EA.	1		250.00
5003	SENIOR SUPERVISOR	EA.	1		175.00

SUB TOTAL

CHEMICAL / ACID DATA:			

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

TOTAL

DLS 6473.10

SERVICE REPRESENTATIVE: K. CONKEY	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer: LD DRILLING	Lease No.:	Date: 11-19-10
Lease: BERNICE	Well #: 2-23	
Field Order #: 3127	Station: PRATT, KS	Casing: 5 1/2
Type Job: 2NW-LOWESTRONG	Depth: 3712	County: STAFFORD
	Formation: TD-3715'	State: KS
		Legal Description: 23-21-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size: 5 1/2	Tubing Size:	Shots/Ft:		Acid:	RATE:	PRESS:	ISIP:	
Depth: 3712	Depth:	From:	To:	Pre Pad:	Max:		5 Min.	
Volume:	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: 2879	Packer Depth:	From:	To:	Flush:	Gas Volume:		Total Load:	

Customer Representative: LD	Station Manager: SCOTTY	Treater: GORDLEY
Service Units: 19907	19889-19842	19960-19918
Driver Names: KEVIN	KEVIN	KEVIN

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0000					ON LOCATION
					RUN 88 JTS 5 1/2 15.5" CSG-3708'
					RUN GUIDESTRONG INSURG DWI STAFFORD
					CEMT-1-3-5-7-9
0300					TRAC BOTTOM - DROP BALL - C.F.P.
					SET 5 1/2 AT 3712' WITH COLLAR
					BELOW GROUND LEVEL
0400	250		20	6	PUMP 20 bbl 2% KCL H ₂ O
	250		12	6	PUMP 12 bbl MUD FLUSH
	250		3	6	PUMP 3 bbl H ₂ O
	200		31	6	PUMP 150 SL 60/40 POZ
					18% SALT 1/2% C.F.P. 5" GARDONITE
					1/4" #CELLFIBRE AT 15.4 PDG
					STOP - WASH LINE - DROP PLUG
	0		0	6 1/2	START DESP
	250		68	6 1/2	LEFT CEMENT
	500		80	3	SLOW RATE
0430	1000		88	3	PLUG DOWN - NOT
	700				SHUT IN CASING WITH 700# HOLD
					PLUG RAT HOLE - 30 SL 60/40 POZ
0530					JOB COMPLETE - KEVIN



James C. Mudgrove
Petroleum Geologist

Office (620) 583-4260 212 Main St • P.O. Box 215 • Chaffin, KS 67528 Home (620) 587-3444

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L. D. Drilling, Inc
 LEASE Bernice # 2-23
 FIELD Widener
 LOCATION Nw-Se-Su-Se (590 FSL, #1840 FEL)
 SEC 23 TWP 21 RGE 12
 COUNTY Stafford STATE Kansas
 CONTRACTOR Petromark Drilling (ris #2)
 RIG ID 11-10-2010 COMP 11-18-2010
 TO 3715 LTD 3714
 LOG UP 2823 TYPE MUD Chemical Displaced

ELEVATIONS
 KB 1833
 DF _____
 CL 1828
 Measurements Are All From KB
 CASING SURFACE 8 7/8" @ 339
 PRODUCTION 5 1/2" e
 ELECTRICAL SURVEYS

SAMPLES SAVED FROM 2800 TO 3715
 DRILLING TIME KEPT FROM 2800 TO 3715
 SAMPLES EXAMINED FROM 2800 TO 3715
 GEOLOGICAL SUPERVISION FROM 3000 TO 3715
 GEOLOGIST ON WELL Josh Austin

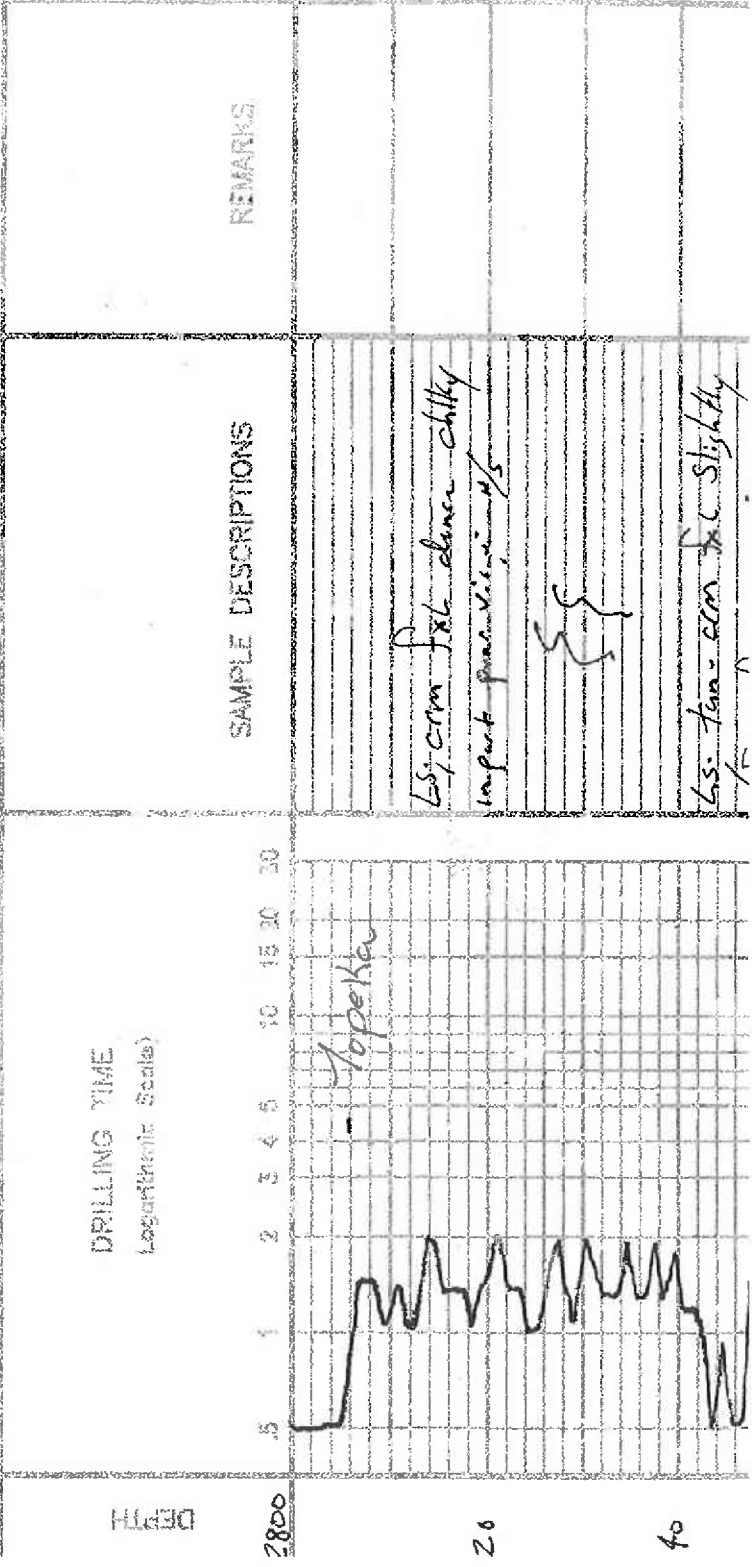
FORMATION TOPS	LOG	SAMPLES
anhydrite	598 +1235	Arbuokle 3578-1745
anhydrite	620 +1213	RTD 3715 -1822
leebner	3094 -1261	LTP 3714 -1821
Toronto	3111 -1278	
Douglas	3124 -1291	
Brown lime	3220 -1385	
Wansing	3238 -1405	
Base Kansas City	3474 -1641	

*5 1/2" production casing was set and cemented at 3714'.
 Respectfully submitted;*

*Joshua R. Austin
 Petroleum Geologist*

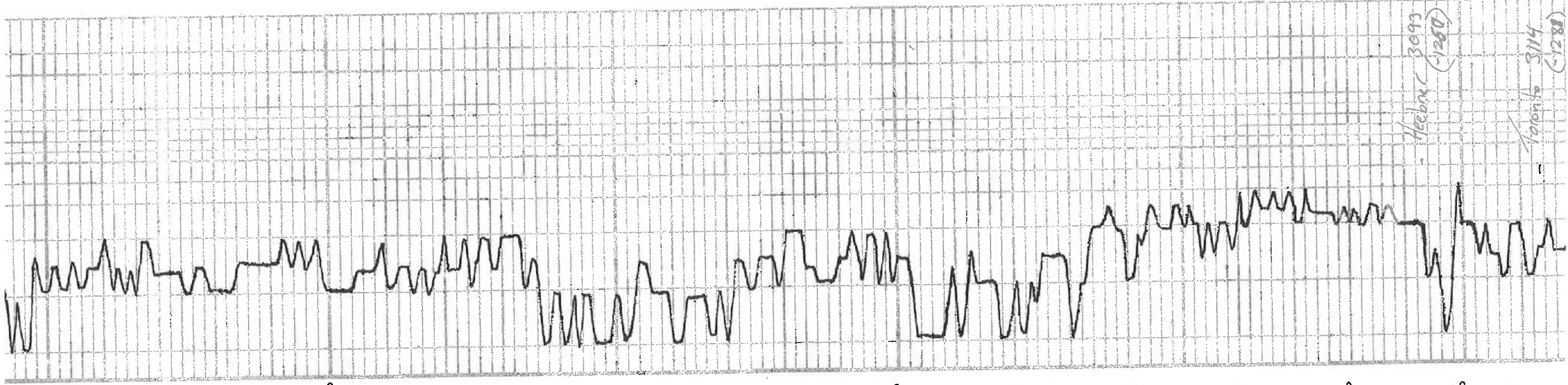
LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Cell. Lime
- Chert
- Detritalic



KS

60 80 2900 20 40 60 80 3000 20 40 60 80 3400



Heebner 3093
(-1250)
Tonito 3114
(-1288)

65: tan buff sh
F wh = cream buff sh
as above

65: grey - tan buff sh
Dirt = Dense slightly w/s

65: tan-grey buff sh
w/s

65: tan-cream buff sh
Slightly dolomitic south of
w/s

}
}

65: cream-buff sh
shaly - fine sandstone
w/s

65: blk carb sh

65: cream-buff shaly sh
F. cream - fine sandstone (barren)

65: cream fine dolomite w/s

65: tan shaly dolomite poor sh
Slightly dolomitic w/s

65: as above w/s

}
}

KB 1833

65: blk carb sh

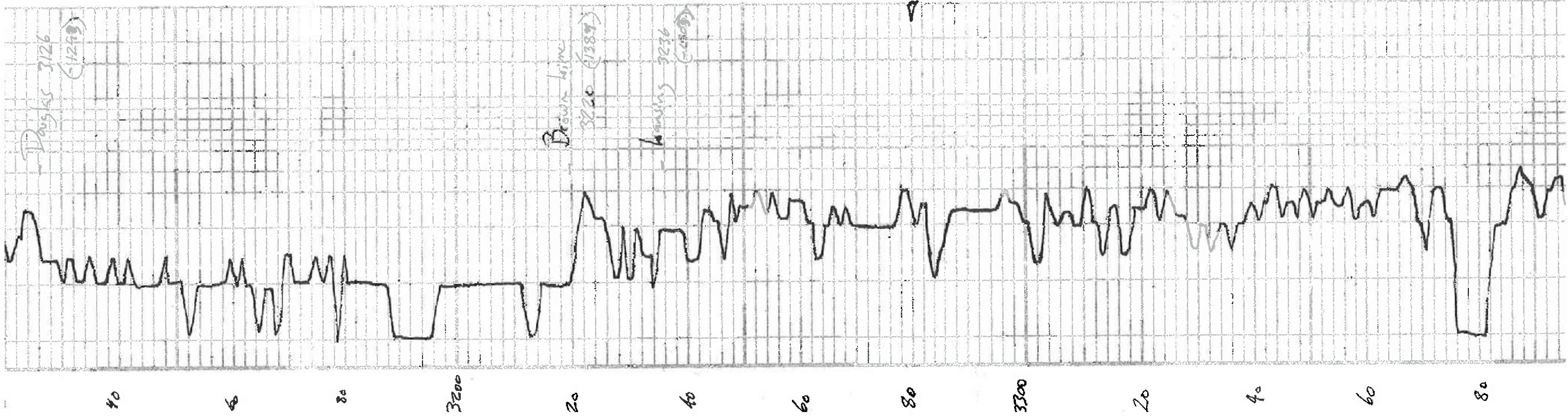
65: greyish green sh.

65: cream buff sh

Douglas 3226
(1279)

Brown lime
3220 (1289)

limings 3236
(1298)



Thin sh. MFO No. sh.

Grey - med. - greenish green sh.

Grey to green silty med. sh.

Mass. Sand, grey v. sh. sub. med. sh.
Sub. to friable mica. v/s

Sh. to med. sh. sand

Grey - greenish green shale

LS. tan fxl ch. sh. Δ
Slightly br.

LS. con. th. grey fxl

Poor v. sh. ch. sh. Δ v/s

LS. tan con. fxl ch. sh.

Poor v. sh. Slightly Δ to br. sh.
MFO clay f. sh.

LS. Tan fxl ch. sh. f. sh. v/s
br. sh. to f. sh. f. sh.

LS. Tan grey f. sh. xl. sh.
Poor v. sh. ch. sh. v. sh.

LS. con. fxl. f. sh. v. sh. xl.
ch. sh. f. sh. v. sh. v/s

Poorly dev. Δ

LS. tan - con. fxl. ch. sh.
Poor v. sh.

grey - blk. sh.

LS. Tan - f. sh. ch. sh. - goal.
f. sh. v. sh. v/s - SFO goal. br.
sh. f. sh.

DST # 1 3224 - 3314
30-45 - 45-60

Blow strong GTS in 10 min
1" blow back

Poorly strong GTS in 2 min
OBB blow back

Recovery 171 90SM

(22% gas @ oil 11 wt 75/100)
12.6 GHOcm

(20% gas @ oil 10 wt 70/100)
120' @ MCO

(26% gas @ oil 13 wt 85/100) 8.5 min
900 Gaged as follows

residual flow

22 min 59,200 CF/D
30 min 97,800 CF/D

Final flow

3 min 108,000 CF/D
15 " 103,000 "

25 " 101,000 "

35 " 88,200 "

45 " 81,800 "

Pressures ISIP 940 PSI
FSIP 926 "

IFP 70-113 "

FFP 125-142 "

MUA 1577 "

-1538 "

DST # 2 3367 - 3403

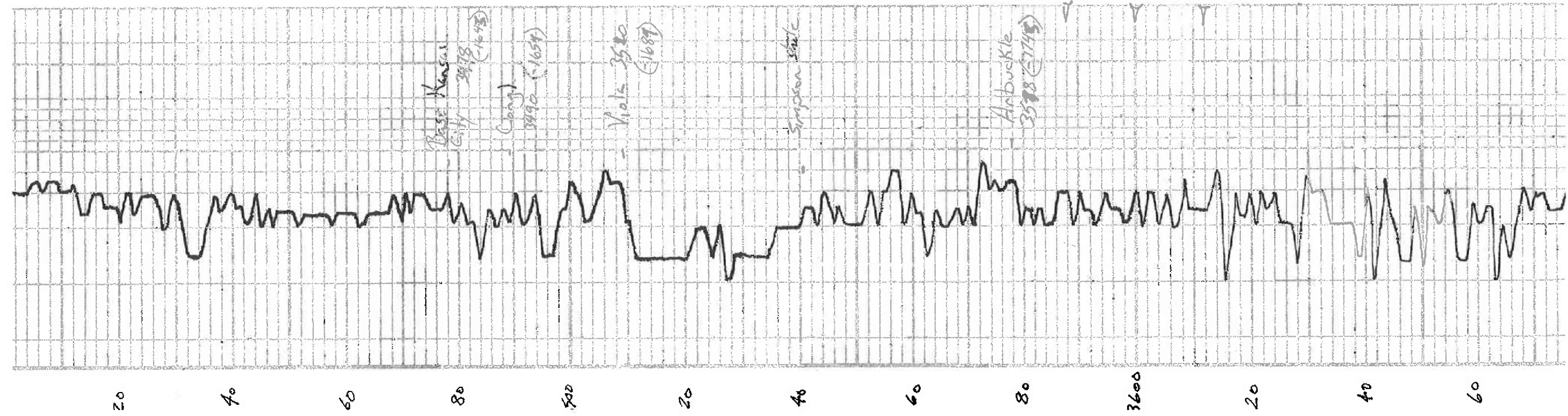
30-45 - 45-60

Blow strong OBB in 10 min
GTS in 20 min

No blow back

Final strong OBB in 20 sec
Weak blow back

Recovery 68' MO
(90% oil @ 1 wt 7/100)



Base Kansas
City 3478 (1687)

Congl.
3490 (1687)

Viols 3580
(1687)

Simpson shale

Ambsuckle
3578 (1687)

<p>(6% gas 56% oil 4% water 97% N₂) 35 MO (93% oil 3% water 4% mud) The gaseous as follows</p> <p>Final blow 5 min 41,000 CF/D 15 " 41,000 " 25 " 41,000 " 35 " 41,000 " 45 min 41,000 "</p> <p>Pressure ISIP 807 PSI FSIP 807 " IFP 24-62 " FFP 35-56 " HSH 1629 "</p>	<p>DST #3 3410-3471 30-30-30-30 Blow, weak - new Recovery 15' mud sec oil spots</p> <p>Pressure ISIP 57 PSI FSIP 56 " IFP 8-21 " FFP 27-36 " HSH 1629 "</p>	<p>DST #4 3473-3530 30-30-30-30 Blow, weak 3/4" 1/4" Recovery 5' mud</p> <p>Pressure; ISIP 36 PSI FSIP 27 " IFP 15-17 " HSH 1657 "</p>	<p>DST #5 3540-3588 30-45-45-60 Blow, strong OBB in 6 min 8" blowback</p> <p>ISIP; OBB in 6 1/2 min OBB blowback Recovery; 107' GIP 65' CO 387 MO</p> <p>Pressure; ISIP 962 PSI FSIP 955 " IFP 30-39 " FFP 110-160 " HSH 1644 "</p>	<p>DST #6 3588-3600 30-45-45-60 Blow - strong OBB in 30 sec 11" blowback</p> <p>Final, strong OBB in 2 min bob blowback, GTS Recovery; 1134' LQO 120' QMO</p> <p>Pressure; ISIP 785 PSI FSIP 820 " IFP 149-284 " FFP 326-447 " HSH 1710 "</p>	<p>DST #7 3600-3612 ... " " " " " "</p>
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LS. tan - clay fossils dense fr
fossiliferous - 1/4" to 1/2" to 1/4" to 1/4"
LS. tan - clay fossils dense fr
fossiliferous - 1/4" to 1/2" to 1/4" to 1/4"
LS. tan - clay fossils dense fr
fossiliferous - 1/4" to 1/2" to 1/4" to 1/4"
LS. tan - clay fossils dense fr
fossiliferous - 1/4" to 1/2" to 1/4" to 1/4"

LS. clay - fine sand /ool. disk
by in part
greyish green - grey shale
massive part

LS. blk sh. to FO. fr. 1/2"
+ VC chert soft Mar - grey sh
to sand, wh. cut poorly sorted
Chert. lt. grey - cream bony
Semi-imp. - few blk edge staining
to FO

Chert, as above. few bluish
Semi-imp. blk sh. to FO. No. etc.

Shale, grey - green. mic. in part
trace sand, clay, chert - tan
Silt. rounded sh. to 1/4" blk sh. to FO
?? - other
Silt - as above
Foggy green - cream shale

Dolomite. tan - cream fine med. gr. sh.
ool. part / fine. bluish sp. sh. above
Dol. - cream tan metallic fr. 1/2"
Dol. - cream tan metallic fr. 1/2"
Dol. - cream tan metallic fr. 1/2"

Dolomite. lt. grey - cream fine med. x
1/4" type blk sh. SFO granular
Dol. - cream - lt. grey fine med. x slightly
Dol. - cream part fr. 1/4" - tan - blk
SFO SFO sh. above

Dol. - cream - tan fine med. x
SFO granular blk sh. SFO gran. SFO
Dol. - cream - tan fine med. x
SFO granular blk sh. SFO gran. SFO

Dolomite. cream - lt. grey fine med. x
Poor. V. s. shale 1/4" SFO

20-70 1"

Blow Strong OBB in 30 sec

BOB blowback

Final OBB in 3 1/2 min

4" blowback

Recovery 1600' GIP

660' C90

120' GMA

Pressure, ISIP 520 PSI

FSIP 627 "

FFP 117-218 "

FFP 231-287 "

MSH 7719 "

-1716

del. tra - circ tra - Met xl Slight

SVC three feet into (bottom)

1.5

detonate aa M/S

Rotary Total Depth 3715

