



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
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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

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: \_\_\_\_\_



1048460

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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L.D. Drilling, Inc.
Well Name	ANTHONY 1-27
Doc ID	1048460

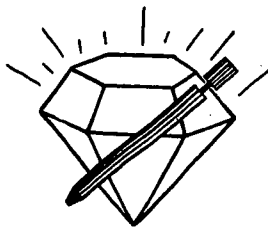
All Electric Logs Run

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	ANTHONY 1-27
Doc ID	1048460

Tops

Name	Top	Datum
HERINGTON	2424	-230
WINFIELD	2484	-290
TOWANDA	2549	-355
FORT RILEY	2600	-406
FLORENCE	2643	-449
STOTLER	3373	-1179
HOWARD	3504	-1310
HEEBNER	4023	-1829
TORONTO	4036	-1842
DOUGLAS	4055	-1861
BROWN LIME	4169	-1975
LANSING	4178	-1984
BASE KANSAS CITY	4576	-2382
MISSISSIPPIAN /CGL	4724	-2530
UPPER KINDERHOOK SAND	4739	-2545
LOWER KINDERHOOK SAND	4770	-2576
VIOLA	4809	-2615
RTD	4880	-2686
LTD	4879	-2685



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

Company L. D. Drilling, Inc. Lease & Well No. Anthony No. 1-27  
 Elevation 2194 KB Formation Lansing "A" Effective Pay      Ft. Ticket No. 2660  
 Date 5-08-10 Sec. 27 Twp. 27S Range 18W County Kiowa State Kansas  
 Test Approved By Scott Alberg Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 4,175 ft. to 4,195 ft. Total Depth 4,195 ft.  
 Packer Depth 4,170 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.

Packer Depth 4,175 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
 Depth of Selective Zone Set      ft. Packer Depth      ft. Size      in.

Top Recorder Depth (Inside) 4,156 ft. Recorder Number 1150 Cap. 5,000 psi  
 Bottom Recorder Depth (Outside) 4,192 ft. Recorder Number 3815 Cap. 5,700 psi  
 Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Sterling Drilling Co. - Rig 5 Drill Collar Length 306 ft. I.D. 2 1/4 in.  
 Mud Type Chemical Viscosity 56 Weight Pipe Length      ft. I.D.      in.  
 Weight 8.9 Water Loss 9.6 cc. Drill Pipe Length 3,836 ft. I.D. 3 1/2 in.  
 Chlorides 2,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.  
 Jars: Make Sterling Serial Number 3 Anchor Length 20 ft. Size 4 1/2 - FH in.  
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 30 secs. No blow back during shut-in.  
2nd Open: Fair, 4 in., blow increasing. Off bottom of bucket in 5 mins. No blow back during shut-in.

Recovered 1,144 ft. of gas in pipe  
 Recovered 30 ft. of drilling mud = .147600 bbls. (Grind out: 100%-mud)  
 Recovered 30 ft. of TOTAL FLUID = .147600 bbls.  
 Recovered      ft. of       
 Recovered      ft. of     

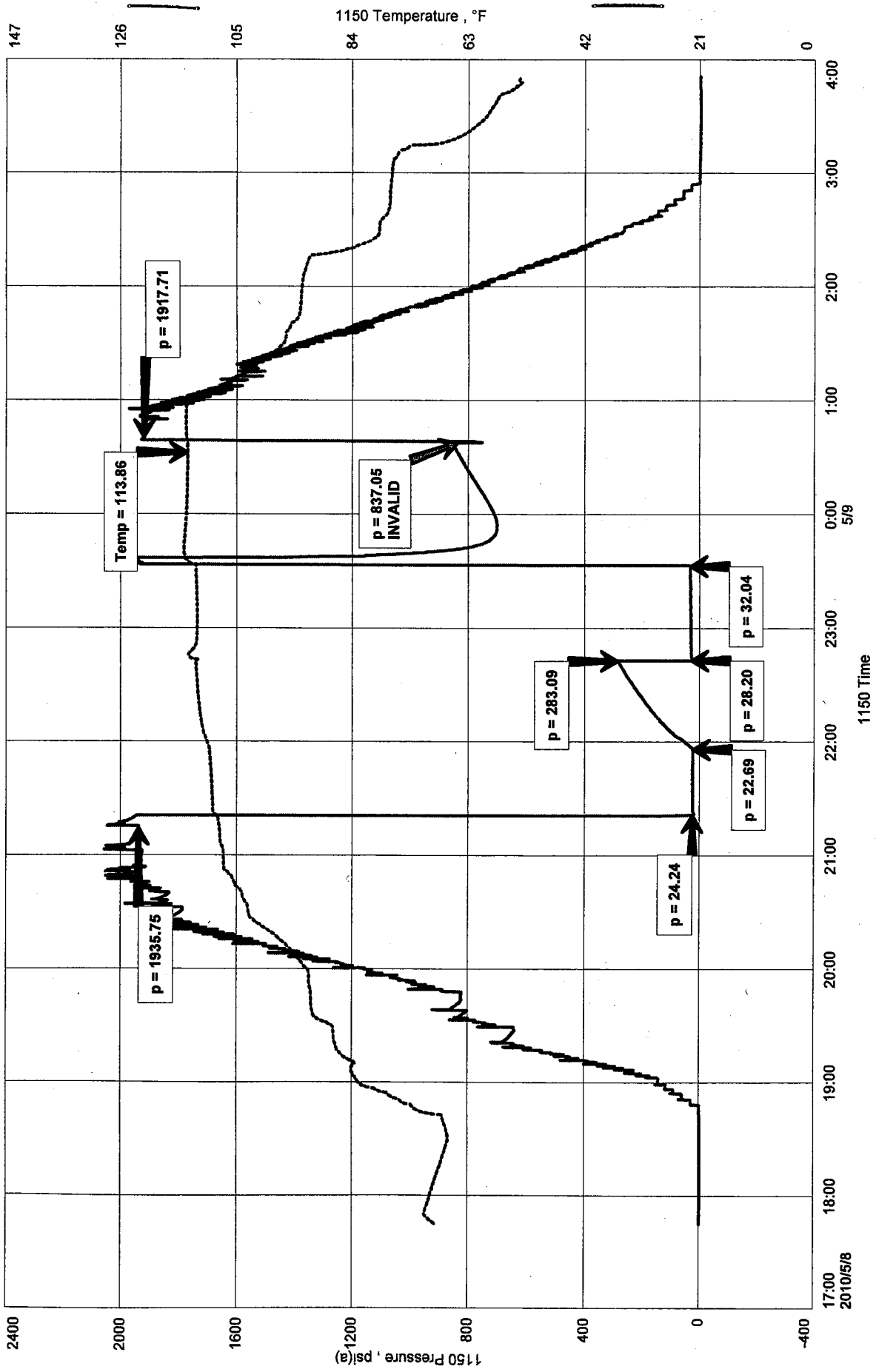
Remarks Final shut-in invalid. Tool turned hard with backlashing on initial shut-in and second flow. Could not  
turn tool on final shut-in. Pulled free, reset tool then turned tool easily, but did not return to base line.  
 Tool Sample Grind Out: 100%-drilling mud

Time Set Packer(s) 9:21 ~~XXM.~~ P.M. Time Started Off Bottom 12:21 A.M. P.M. Maximum Temperature 114°  
 Initial Hydrostatic Pressure      (A) 1936 P.S.I.  
 Initial Flow Period      Minutes 30 (B) 24 P.S.I. to (C) 23 P.S.I.  
 Initial Closed In Period      Minutes 45 (D) 283 P.S.I.  
 Initial Flow Period      Minutes 45 (E) 28 P.S.I. to (F) 32 P.S.I.  
 Initial Closed In Period      Minutes 60 (G)      P.S.I.  
 Initial Hydrostatic Pressure      (H) 1918 P.S.I.

L.D. DRILLING, INC.  
 DST #1 LANSING 'A' 4,175' - 4,195'  
 Start Test Date: 2010/05/08  
 Final Test Date: 2010/05/09

ANTHONY #1-27  
 Formation: DST #1 LANSING 'A' 4,175' - 4,195'

# ANTHONY #1-27



# Diamond Testing

Page 2 of 2 Pages  
General information Report

## General Information

Company Name L.D. DRILLING, INC.

Contact	L.D. DAVIS	Job Number	
Well Name	ANTHONY #1-27	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #1 LANSING 'A' 4,175' - 4,195'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC 27-27S-18W KIOWA COUNTY	Report Date	2010/05/09
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

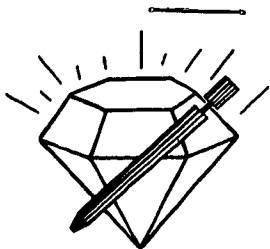
Test Type	CONVENTIONAL	Start Test Time	17:45:00
Formation	DST #1 LANSING 'A' 4,175' - 4,195'	Final Test Time	03:51:00
Well Fluid Type	02 Gas		
Start Test Date	2010/05/08		
Final Test Date	2010/05/09		
Gauge Name	1150		
Gauge Serial Number			

## Test Results

RECOVERED: 1,144' GAS IN PIPE  
30' DM 100% MUD

TOOL SAMPLE: 100% DM

FINAL SHUT-IN INVALID. TOOL TURNED HARD WITH BACKLASHING ON INITIAL SHUT-IN AND SECOND FLOW.  
COULD NOT TURN TOOL ON FINAL SHUT-IN. PULLED FREE, RESET TOOL THEN TURNED TOOL EASY,  
BUT DID NOT RETURN TO BASE LINE.



# DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Company L. D. Drilling, Inc. Lease & Well No. Anthony No. 1-27

Elevation 2194 KB Formation Kinderhook Effective Pay      Ft. Ticket No. 2661

Date 5-11-10 Sec. 27 Twp. 27S Range 18W County Kiowa State Kansas

Test Approved By James C. Musgrove Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 4,720 ft. to 4,783 ft. Total Depth 4,783 ft.

Packer Depth 4,715 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.

Packer Depth 4,720 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.

Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 4,701 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,780 ft. Recorder Number 3815 Cap. 5,700 psi

Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Sterling Drilling Co. - Rig 5 Drill Collar Length 306 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 50 Weight Pipe Length      ft. I.D.      in.

Weight 9.1 Water Loss 9.2 cc. Drill Pipe Length 4,381 ft. I.D. 3 1/2 in.

Chlorides 4,500 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 3 Anchor Length 31' perf. w/ 32' drill pipe 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, 1/2 in., blow increasing to 4 3/4 ins. No blow back during shut-in.

2nd Open: Fair, 3 in., blow increasing. Off bottom of bucket in 19 mins. No blow back during shut-in.

Recovered 540 ft. of gas in pipe

Recovered 30 ft. of slightly oil cut mud = .147600 bbls. (Grind out: 1%-oil; 99%-mud)

Recovered 60 ft. of gas & oil cut mud = .295200 bbls. (Grind out: 14%-gas; 8%-oil; 78%-mud)

Recovered 90 ft. of TOTAL FLUID = .442800 bbls.

Recovered      ft. of     

Remarks Tool Sample Grind Out: 12%-gas; 6%-oil; 82%-mud

Time Set Packer(s) 7:10 A.M. Time Started Off Bottom 10:10 A.M. Maximum Temperature 119°

Initial Hydrostatic Pressure ..... (A) 2227 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 15 P.S.I. to (C) 32 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 362 P.S.I.

Final Flow Period ..... Minutes 60 (E) 38 P.S.I. to (F) 51 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 601 P.S.I.



# Diamond Testing

## General Information

Company Name L.D. DRILLING, INC.

Contact	L.D. DAVIS	Job Number	
Well Name	ANTHONY #1-27	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #2 KINDERHOOK 4,720' - 4,783'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC 27-27S-18W KIOWA COUNTY	Report Date	2010/05/11
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	03:55:00
Formation	DST #2 KINDERHOOK 4,720' - 4,783'	Final Test Time	13:19:00
Well Fluid Type	01 Oil		
Start Test Date	2010/05/11		
Final Test Date	2010/05/11		
Gauge Name	1150		
Gauge Serial Number			

## Test Results

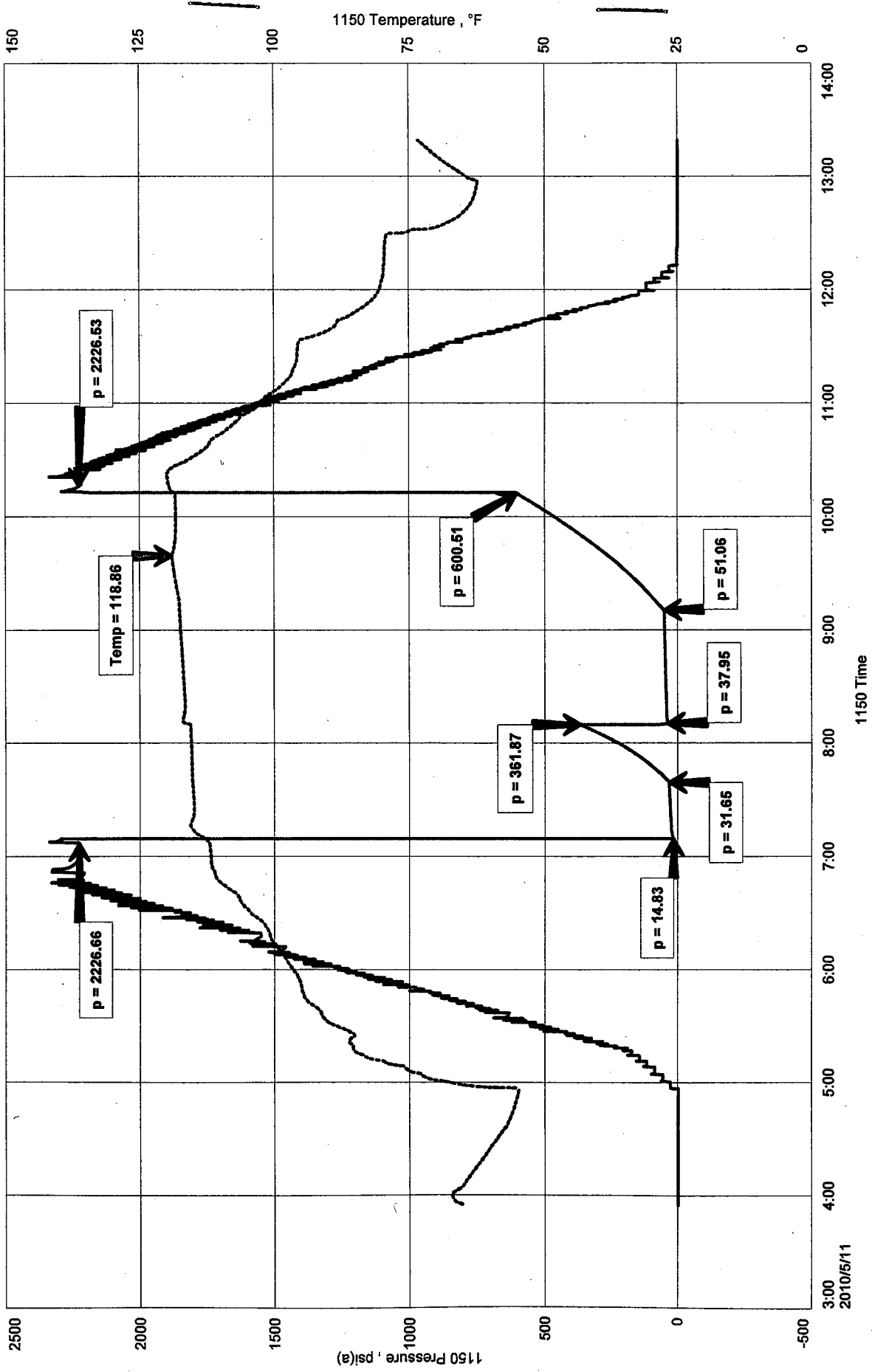
RECOVERED: 540' GAS IN PIPE  
30' SLTOCM 1% OIL, 99% MUD  
60' G&OCM 14% GAS, 8% OIL, 78% MUD  
90' TOTAL FLUID

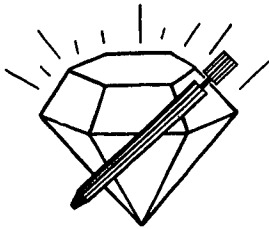
TOOL SAMPLE: 12% GAS, 6% OIL, 82% MUD

L.D. DRILLING, INC.  
DST #2 KINDERHOOK 4,720' - 4,783'  
Start Test Date: 2010/05/11  
Final Test Date: 2010/05/11

ANTHONY #1-27  
Formation: DST #2 KINDERHOOK 4,720' - 4,783'

# ANTHONY #1-27





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

Company L. D. Drilling, Inc. Lease & Well No. Anthony No. 1-27  
Elevation 2194 KB Formation Kinderhook Effective Pay -- Ft. Ticket No. 2662  
Date 5-12-10 Sec. 27 Twp. 27S Range 18W County Kiowa State Kansas  
Test Approved By James C. Musgrove Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 4,784 ft. to 4,798 ft. Total Depth 4,798 ft.  
Packer Depth 4,779 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
Packer Depth 4,784 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,765 ft. Recorder Number 1150 Cap. 5,000 psi  
Bottom Recorder Depth (Outside) 4,795 ft. Recorder Number 3815 Cap. 5,700 psi  
Below Straddle Recorder Depth ft. Recorder Number psi

Drilling Contractor Sterling Drilling Co. - Rig 5 Drill Collar Length 306 ft. I.D. 2 1/4 in.  
Mud Type Chemical Viscosity 51 Weight Pipe Length -- ft. I.D. -- in.  
Weight 9.1 Water Loss 9.6 cc. Drill Pipe Length 4,445 ft. I.D. 3 1/2 in.  
Chlorides 5,500 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Sterling Serial Number 3 Anchor Length 14 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, 1/2 in., blow increasing. Off bottom of bucket in 18 1/2 mins. Weak, 1/8 in., blow back during shut-in.  
2nd Open: Strong blow. Off bottom of bucket immediately. No blow back during shut-in.

Recovered 1,310 ft. of gas in pipe  
Recovered 30 ft. of heavy gas & oil cut mud = .147600 bbls. (Grind out: 10%-gas; 25%-oil; 65%-mud)  
Recovered 61 ft. of heavy gas & oil cut mud = .300120 bbls. (Grind out: 30%-gas; 43%-oil; 27%-mud)  
Recovered 91 ft. of TOTAL FLUID = .447720 bbls.  
Recovered ft. of  
Remarks Tool Sample Grind Out: 44%-oil; 56%-mud

Time Set Packer(s) 12:23 A.M. PM. Time Started Off Bottom 3:23 A.M. PM. Maximum Temperature 121°  
Initial Hydrostatic Pressure ..... (A) 2240 P.S.I.  
Initial Flow Period ..... Minutes 30 (B) 8 P.S.I. to (C) 28 P.S.I.  
Initial Closed In Period ..... Minutes 45 (D) 1245 P.S.I.  
Final Flow Period ..... Minutes 45 (E) 32 P.S.I. to (F) 54 P.S.I.  
Final Closed In Period ..... Minutes 60 (G) 1415 P.S.I.  
Final Hydrostatic Pressure ..... (H) 2240 P.S.I.

# Diamond Testing

Page 2 of 2 Pages  
General information Report

## General Information

Company Name L.D. DRILLING, INC.

Contact	L.D. DAVIS	Job Number	
Well Name	ANTHONY #1-27	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #3 KINDERHOOK 4,784' - 4,798'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC 27-27S-18W KIOWA COUNTY	Report Date	2010/05/12
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	21:25:00
Formation	DST #3 KINDERHOOK 4,784' - 4,798'	Final Test Time	06:54:00
Well Fluid Type	01 Oil		
Start Test Date	2010/05/11		
Final Test Date	2010/05/12		
Gauge Name	1150		
Gauge Serial Number			

## Test Results

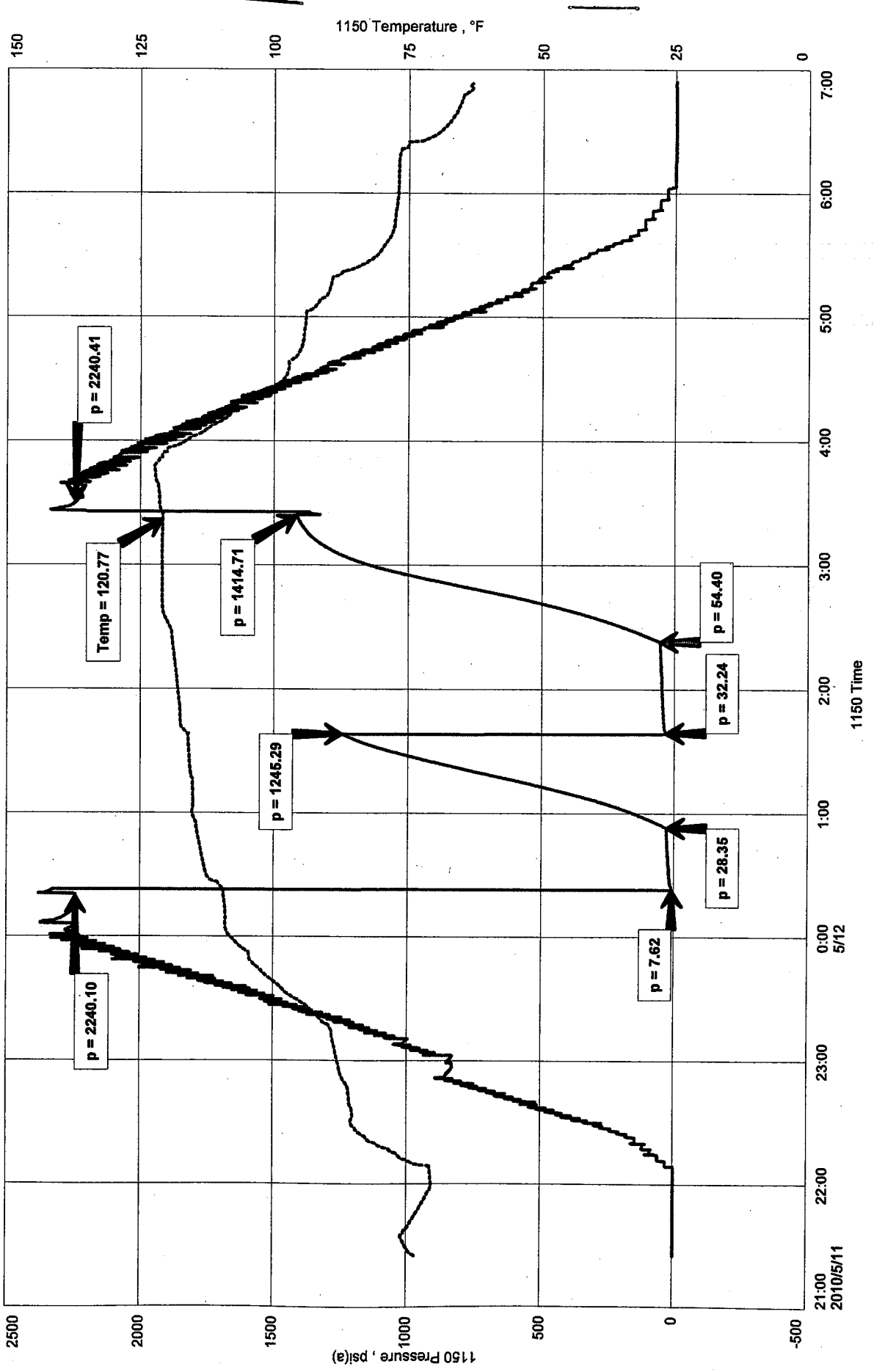
RECOVERED; 1,310' GAS IN PIPE  
30' HG&OCM 10% GAS, 25% OIL, 65% MUD  
61' HG OCM 30% GAS, 43% OIL, 27% MUD  
91' TOTAL FLUID

TOOL SAMPLE:44% OIL, 56% MUD

L.D. DRILLING, INC.  
 DST #3 KINDERHOOK 4,784' - 4,798'  
 Start Test Date: 2010/05/11  
 Final Test Date: 2010/05/12

ANTHONY #1-27  
 Formation: DST #3 KINDERHOOK 4,784' - 4,798'

# ANTHONY #1-27





**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 1912 A

27-275-18W

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

DATE OF JOB 5-4-10		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 Anthony				WELL NO. 1-27	
ADDRESS				COUNTY Kiowa		STATE Kansas			
CITY		STATE		SERVICE CREW C. Messick: M. Mattal: D. Phye					
AUTHORIZED BY				JOB TYPE: C.N.W. - Surface					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19,866	.75						5-3-10	PM	6:30
						ARRIVED AT JOB	5-3-10	AM	10:00
19,903-19,905	.75					START OPERATION	5-4-10	AM	4:15
						FINISH OPERATION	5	AM	5:00
19,960-19,918	.75					RELEASED	5-4-10	AM	5:15
						MILES FROM STATION TO WELL	30		

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
CP 106	A Serv Lite Cement	sh	175		\$ 2,275 00
CP 100	Common Cement	sh	175		\$ 2,800 00
CC 102	Cellflake	Lb	88		\$ 325 60
CC 109	Calcium Chloride	Lb	954		\$ 1,001 70
CC 200	Cement Gel	Lb	330		\$ 82 50
CF 105	Top Rubber Plug, 8 5/8"	ea	1		\$ 225 00
CC 131	Sugar	Lb	100		\$ 200 00
E 100	Pickup Mileage	Mi	30		\$ 127 50
E 101	Heavy Equipment Mileage	Mi	60		\$ 420 00
E 113	Bulk Delivery	tm	477		\$ 763 20
CE 200	Cement Pump: 0 Feet To 500 Feet	Job	1		\$ 1,000 00
CE 240	Blending and Mixing Service	str	350		\$ 490 00
CE 504	Plug Container	Job	1		\$ 250 00
S003	Service Supervisor	Job	1		\$ 175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		\$ 6,182 66
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE Clarence R. M. [Signature]	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Alan [Signature]
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer L.D. Drilling, Incorporated	Lease No Lease Anthony	Well # 1-27	Date 5-4-10
Field Order # 912	Station Pratt, Kansas	Casing 8 5/8 23Lb.	Depth 480 Feet
Type Job C.N.W. - Surface	Formation	County Kiowa	State Kansas
Legal Description 27-275-18W			

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size 8 5/8 23Lb./Ft.	Tubing Size 2 3/8 11.75	Shots/Ft	175	sacks	A-Serv Lite	RATE	PRESS	ISIP
Depth 480 Feet	Depth	From	38	Gal.	Calcium Chloride	Max	25 Lb./st.	Cell plate
Volume 30.5 Bbl.	Volume	From	13.5	Gal.	8.21 Gal./st.	Min	1.61	CU.FT./st.
Max Press 400 P.S.I.	Max Press 175	From	175	sacks	Common	Avg	28 Gel, 38	Calcium Chloride, 25 Lb./st. Cell plate
Well Connection Plug Container	Annulus Vol.	From	5	Lb./Gal.	6.50 Gal./st.	HHP Used	1.36	CU.FT./st.
Plug Depth 165 Feet	Packer Depth	From	To	Flush	30 Bbl. Fresh Water	Gas Volume		Total Load

Customer Representative L.D. Davis	Station Manager David Scott	Treater Clarence R. Messick
---------------------------------------	--------------------------------	--------------------------------

Service Units	19,866	19,903	19,905	19,960	19,918				
Driver Names	Messick	Mattal	Phlye						

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:00					Trucks on location and hold safety meeting.
2:30					Sterling Drilling start to run 11 Joints new 23Lb./Ft. 8 5/8" casing.
4:20					Casing in well. Circulate for 5 minutes.
4:28	300			5	Start Fresh Water Pre Flush.
	350		10	5	Start Mixing 175 sacks A-Serv Lite cement.
	300		60	5	Start Mixing 175 sacks common cement.
	200		102		Stop pumping. Shut in well. Release Top Rubber Plug. Open Well.
4:48	175			5	Start Fresh Water Displacement.
4:55	400		30		Plug down. Shut in Well.
					Circulated 5 sacks cement to the pit.
	-0				Wash up pump truck.
5:15					Job Complete.
					Thank You.
					Clarence, Mike, Dale



**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 1644 A

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

DATE OF JOB 5/13/10	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 ANTHONY		WELL NO. 1-27					
ADDRESS		COUNTY KIOWA		STATE KS					
CITY		STATE		SERVICE CREW KB, ROBSON, JOE, DARE					
AUTHORIZED BY		JOB TYPE: CNW-LOWSTRENGTH							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 5-13	AM PM	TIME
19907	1	19960	1			ARRIVED AT JOB			1250
19867	1	19918				START OPERATION			1530
19959	1					FINISH OPERATION			1945
20920	1					RELEASED			2030
						MILES FROM STATION TO WELL	40		

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
CP103	60/40 P02	200 SK.			2400.00
CP103	60/40 P02	50 SK			600.00
CC111	START	178' LB.			890.50
CC112	CFR	86 LB.			516.00
CC201	GILSONITE	1000 LB.			670.00
CF103	5 1/2 TOP RUBBER FLUC	1 EACH			105.00
CF251	5 1/2 GUIDE SHOE	1 EACH			250.00
CF1451	5 1/2 HFN INSISTENT FLOWA	1 EACH			215.00
CF1651	5 1/2 TURBOLIZER	7 EACH			770.00
C704	CS-12 HCL	1 gallon			35.00
CC151	MUDFLUSH	500 gallon			430.00
E100	PICKUP MILEAGE	30 mile			127.50
E101	TRUCK MILEAGE	60 mile			420.00
E113	BULK DELIVERY	323 TM			516.00
CE205	PUMP CHARLES	1 EACH			2520.00
CE240	BLENDED CHARLES	250 SK			350.00
CE504	PUMP CONTAINER	1 EACH			250.00
S003	SEWICE SUPERLOSS OR	1 EACH			175.00

SUB TOTAL 6856.40

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	DL5
TOTAL		

SERVICE REPRESENTATIVE *K. Goodsey* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Alan Luffin*

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer <b>LD DRIVING</b>	Lease No	Date
Lease <b>ANTHONY</b>	Well # <b>1-27</b>	<b>5-13-10</b>
Field Order # <b>1644A</b>	Station <b>PRATT, KS</b>	Casing <b>5 1/2</b>
Type Job <b>CNW - LOWC STRONG</b>	Depth <b>4878</b>	County <b>KIOWA</b>
	Formation <b>TD - 4880'</b>	State <b>KS</b>
		Legal Description <b>27-27-18</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>5 1/2</b>	Tubing Size	Shots/Ft	<b>15.4</b>	Acid	<b>200 sk 60/40 Poz</b>	RATE	PRESS	ISIP
Depth <b>4878</b>	Depth	From	To <b>1.18</b>	Pre-Pad	<b>18% SALT</b>	Max		5 Min.
Volume	Volume	From	To <b>4.3</b>	Pad	<b>5 #/sk GIBSONITE</b>	Min		10 Min.
Max Press	Max Press	From	To	Free		Avg		15 Min.
Well Connection	Annulus Vol.	From	To		<b>50 sk 60/40 Poz</b>	HHP Used		Annulus Pressure
Plug Depth <b>7862</b>	Packer Depth	From	To	Flush	<b>RH &amp; MH.</b>	Gas Volume		Total Load

Customer Representative <b>LB</b>	Station Manager <b>SCOTT</b>	Treater <b>CONROY</b>
Service Units <b>19907</b>	<b>19959-20920</b>	<b>19960-19918</b>
Driver Names <b>KG</b>	<b>JDE</b>	<b>DAVE</b>
		<b>ROBERT</b>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<b>1530</b>					<b>ON LOCATION</b>
					<b>RUN 4880' 5 1/2 155" CSG - 119 FT</b>
					<b>BUDDIE SHOE, INSERT EN 1<sup>ST</sup> COLLAR</b>
					<b>CENT - 1-3-5-7-9-11-13</b>
<b>1900</b>					<b>TRAC BOTTOM - DROP BIT - CIRCULATE</b>
					<b>SET 5 1/2 AT 4878'</b>
<b>1945</b>	<b>300</b>		<b>20</b>	<b>6</b>	<b>PUMP 20 bbl. 2% KCL H2O</b>
	<b>300</b>		<b>12</b>	<b>6</b>	<b>PUMP 12 bbl. MUD FLUSH</b>
	<b>300</b>		<b>3</b>	<b>6</b>	<b>PUMP 3 bbl. H2O</b>
	<b>200</b>		<b>42</b>	<b>6</b>	<b>MIX 200 SK. 60/40 POZ</b>
					<b>18% SALT 1/2% CER 5 #/sk GIBSONITE</b>
					<b>STOP - WASH PUMP &amp; LOWE - DROP PLUG</b>
	<b>0</b>		<b>0</b>	<b>6</b>	<b>START DESP.</b>
	<b>200</b>		<b>90</b>	<b>6</b>	<b>LIFT CEMENT</b>
	<b>800</b>		<b>110</b>	<b>4</b>	<b>SLOW RATE</b>
<b>2020</b>	<b>1500</b>		<b>115.8</b>	<b>3</b>	<b>PLUG DOWN - HOLD</b>
					<b>PLUG RATHOLE - 30 sk 60/40 Poz</b>
					<b>PLUG MUDSHOLE - 20 SIL 60/40 Poz</b>
<b>2100</b>					<b>JOB COMPLETE - KEVIN</b>



James C. Musgrove  
Petroleum Geologist

Office (620) 588-4250 212 Main St. • P.O. Box 215 • Claflin, KS 67525 Home (620) 587-3444

# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

COMPANY LD Drilling Inc.  
 LEASE Anthony #1-27  
 FIELD Windcat  
 LOCATION E/2-E/2-NW-SW  
 SEC 27 TWP 27<sup>s</sup> RGE 18<sup>w</sup>  
 COUNTY Kiowa STATE Kansas  
 CONTRACTOR Sterling Drilling Co. (rig #5)  
 SPUD 5-3-2010 COMP 5-13-2010  
 RTD 4880 LTD 4879  
 MUD UP 3600 TYPE MUD Chemical

ELEVATIONS  
 KB 2194  
 DF \_\_\_\_\_  
 GL 2182  
 Measurements Are All From -KB-

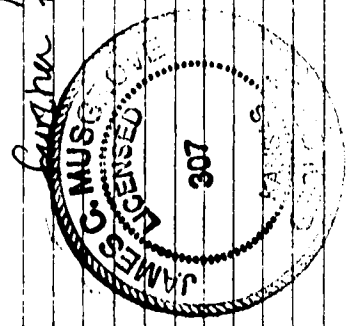
CASING 8 5/8" 483'  
 SURFACE \_\_\_\_\_  
 PRODUCTION 5 1/2" 4879'  
 ELECTRICAL SURVEYS  
By Hog 2004 -  
DLL, Compensated Porosity  
Micro & Sonic

SAMPLES SAVED FROM 2400 TO \_\_\_\_\_  
 DRILLING TIME KEPT FROM 2400 TO \_\_\_\_\_  
 SAMPLES EXAMINED FROM 2400 TO \_\_\_\_\_  
 GEOLOGICAL SUPERVISION FROM 2400 TO \_\_\_\_\_  
 GEOLOGIST ON WELL Jim Musgrove & Scott Alberg

FORMATION TOPS	LOG	SAMPLES
Herington	2424 - 230	Iransing 4178 - 1984
Winfield	2484 - 290	Base Kansas City 4576 - 2382
Towanda	2549 - 355	Mississippian / e.g. 4724 - 2530
FT. Riley	2600 - 406	Upper Kinderhook Sand 4739 - 2545
Florence	2643 - 449	Lower Kinderhook Sand 4770 - 2576
Storher	3373 - 1179	Viola 4809 - 2615
Howard	3504 - 1310	RTD 4880 - 2101

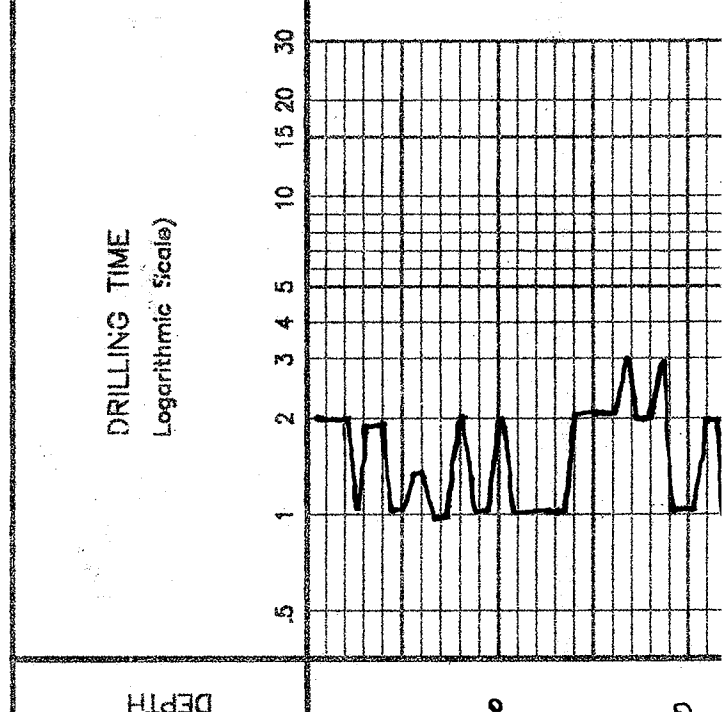
5 1/2" production casing was set and cemented to surface test the lower Kinderhook Sand. Respectfully submitted;

James C. Musgrove & N. Scott Alberg



### LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Cool.Lime
- Chert
- Dolomite



DEPTH	SAMPLE DESCRIPTIONS
0	
1	
2	
3	
4	
5	
10	
15	
20	
30	

REMARKS  
 on location  
 5-5-2010  
 12:00 noon

60

80

100

20

40

60

80

100

20

40

60

80

100

Herrington 2485

Wimfield 2486

Lowanda 2552

FT. Riley 2604

Poon samples

23 units gas blocks

30 ft. samples

218291 -  
2194 KB  
2194

Visc. 22-31

gr/wh sandy shale

sl. gr. f. x. l. s. u. c. s. e. e. t. o.  
fr. wh. A

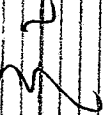
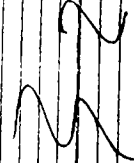
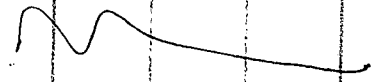
gr/dirty gray shaly dolomite

fr. tan. d. s.  
f. dolomite aa

fr. sandy i. w. s. gray. foss.  
slightly dolomitic

gr. f. x. l. s. u. c. s. e. e. t. o.  
fr. wh. A

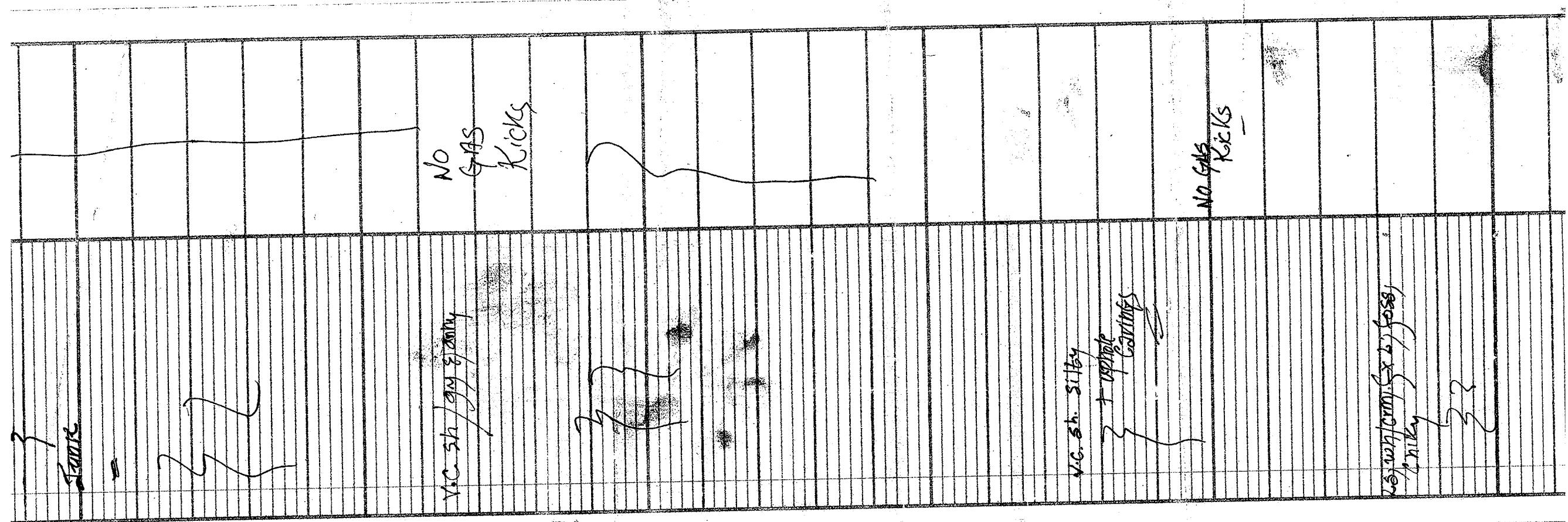
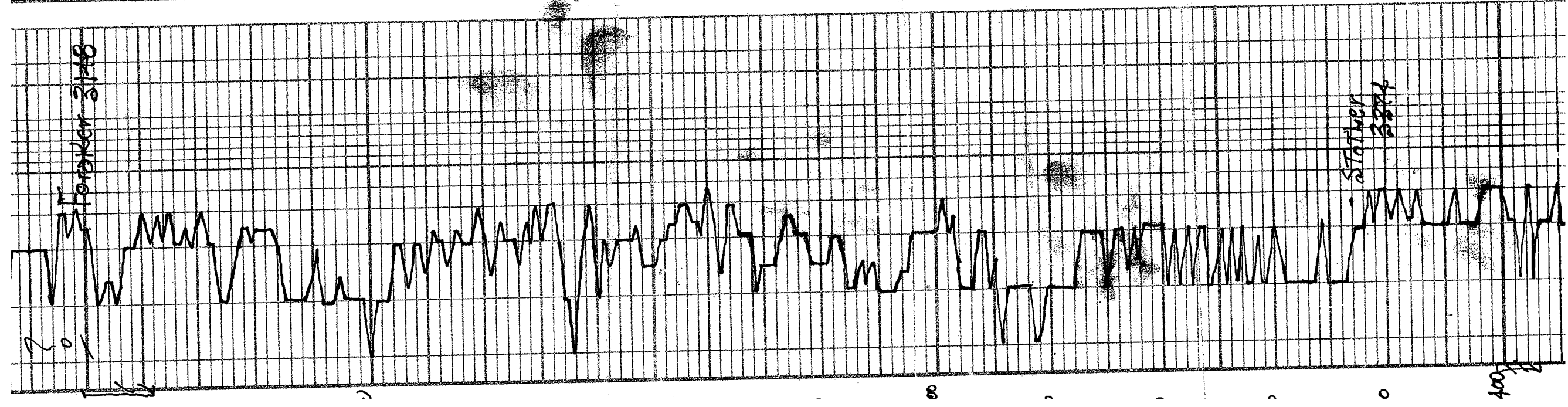
sl. wh. f. n. e. l. y. m. s. s. e. t. o.  
fr. wh. A

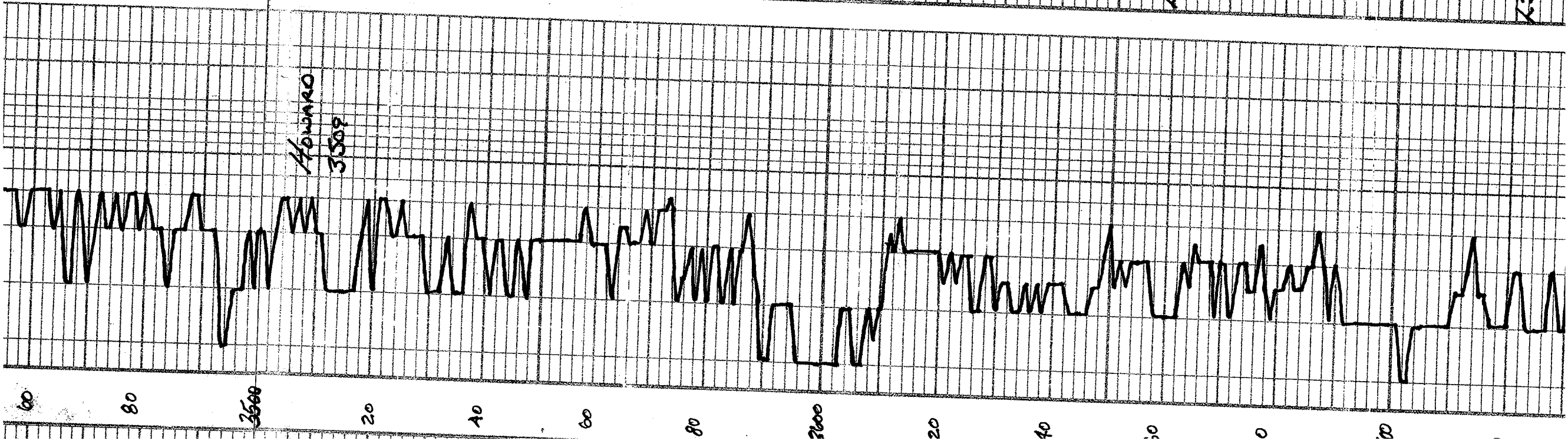












Howard  
3509

LS: tan-white, sandstone,  
sh. mottled, fossil.

LS: green-white, buff  
fossiliferous sh. fossil, sh.  
chert

LS: green-white, tan, shaly  
fossil, sh. chert

Shale; green

Displace sand

LS: white, tan, shaly  
fossil, chert

SS

LS: green-white, fossiliferous,  
fossil. chert

SS

LS: green-white, buff  
fossil, chert

17 unit thick

L.S. gray-white buff  
mass., chalky

SS

L.S. somewhat, fine, fossil  
chalky

SS

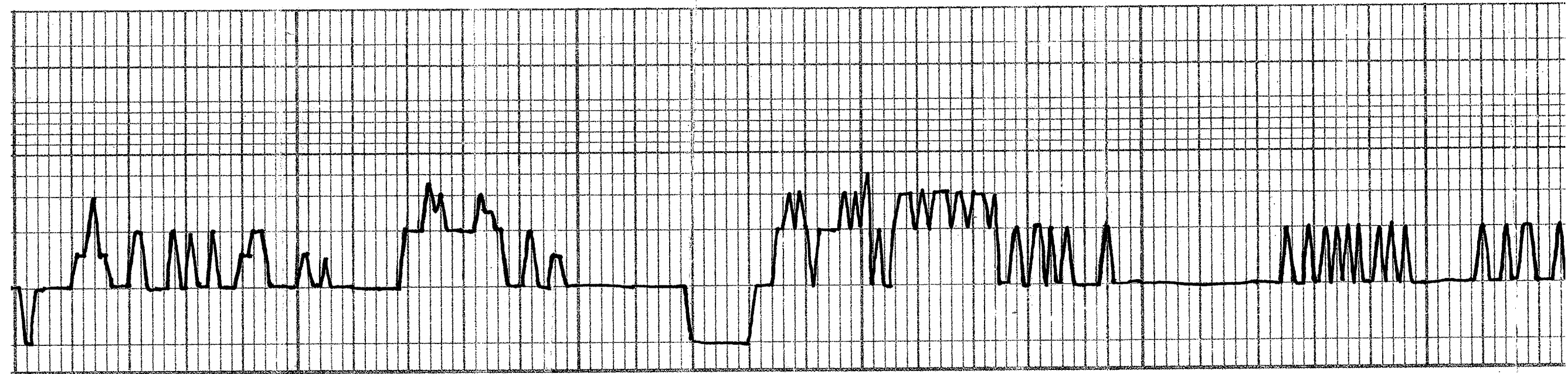
L.S. gray-white, calcareous  
chalky

SS

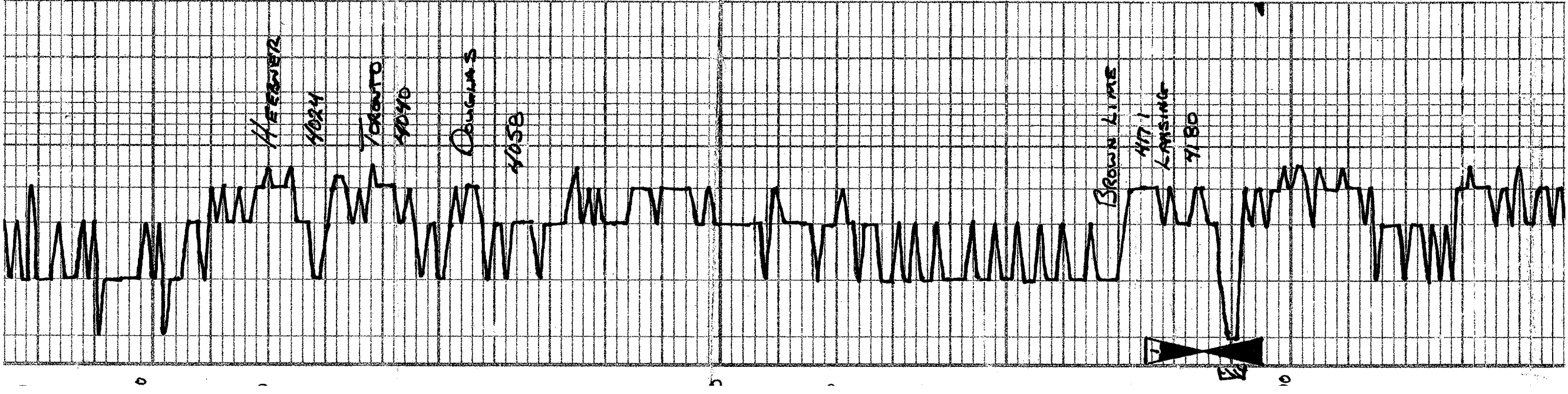
L.S. tan-white, buff  
fine, fossil, chalky

SS

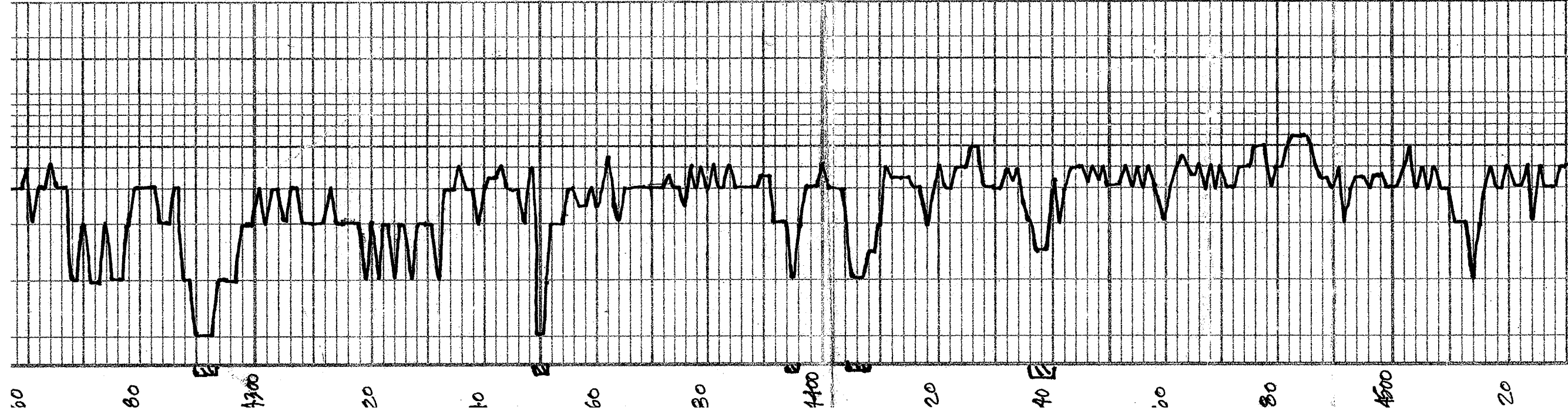
L.S. buff-white, fine,  
thin, fossil, chalky







JK	Shale; gray-bk, sl. conc	
	2.8 unit Gas Kick	
	SS: cream-white, flint, sl. conc, sl. foss.	
	Shale, lt gray, silty to sandy	5-8-2010 4074 @ 200 cm.
	Shale; lt. gray. silty. sl. flint in A.	
	SS	
	Shale; lt. gray, silty to sandy, soft	<u>OST#1</u> 4175-4195 Times 30:45-45:60 IT 608 1/2 min EST no b.w. back FR 808 5 min EST no b.w. back TMP 1936 FRP 1918 IFP <del>1936</del> FRP 1832 ISIP 283 FRP-Faulted Rec 1144' GIP 30' Diving Mud Temp 1140 SPT 40
	SS	
	SS: tan-brown, flint, dense sl. foss	115 unit Gas Kick 5-9-2010
	Shale; lt. gray	STRAP CONTO 4203.46 STRAP 4201.18 2.28 Short
	SS: gray-pinkish, flint, sl. conc, sl. foss	
	SS: buff-pinkish, flint, silty, silty, silty, silty, sl. foss.	UIS 52 WT 9.1 WA 9.0 GMA 5.580 ppm
	SS: cream-white, silty	



L.S. tan-white, shaly, to shaly cherty, no vis shows

No Gas Kick

L.S. tan-buff, shaly, calc. sh., no vis shows

No Gas Kick

L.S. buff-white, shaly, cherty, to tan, fossiliferous

L.S. greenish-white, fossiliferous, cherty

L.S. green-white, shaly, calc. sh., no vis shows

No Gas Kick

L.S. buff, shaly, dense, to fossiliferous, no vis shows

L.S. tan-white, shaly, fossiliferous, cherty

L.S. shaly, buff, calc. sh., to calc. sh., no vis shows

No Gas Kick

L.S. tan-white, shaly, calc. sh., to shaly, no vis shows

No Gas Kick

Shale; gray-buff

L.S. shaly, buff, shaly, to shaly, no vis shows

No Gas Kick

L.S. greenish-white, shaly, cherty, to shaly, no vis shows

Shale; gray-buff

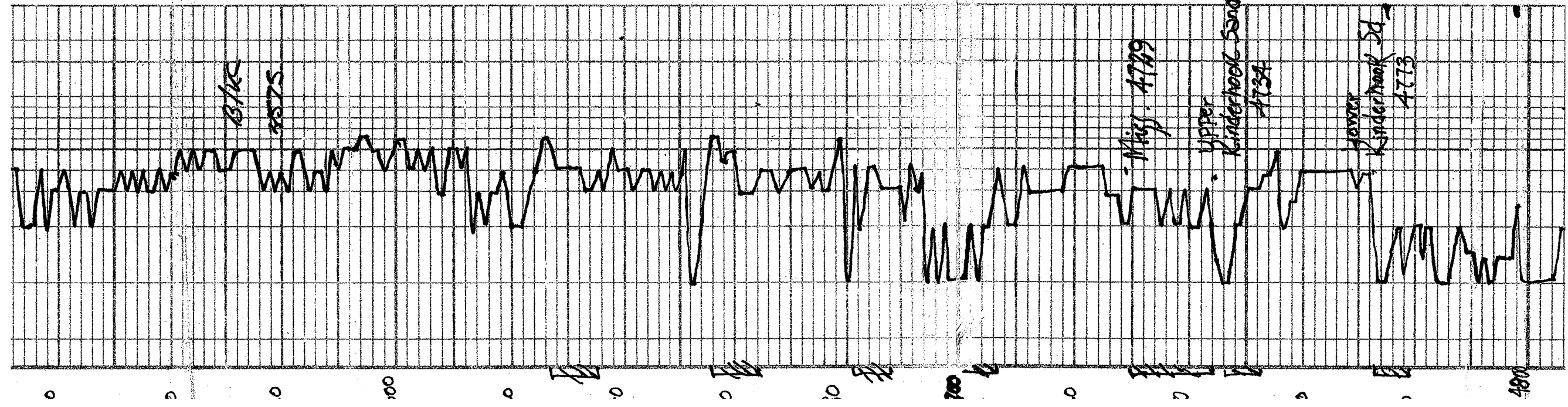
1 Year Gas Kick

L.S. gray-white, shaly, calc. sh., cherty

L.S. gray buff, shaly, to shaly, calc. sh., no vis shows

20

1 UNIT SAND MIN



Shale grey - blk  
LS buff - tan, fine, sh. lenses, fine white chert, 3.6 foss. no vis. sh. 2

LS buff - tan, fine, sh. lenses, fine white chert, no vis. sh. 2  
LS tan, fine, sh. lenses, fine white chert, no vis. sh. 2

blk (gray sh) 2  
gray fine sh  
tan, med. to 2.6  
sh. gray sh.

blk carb. sh  
16' tan foss. (a part) clay  
1' Jr. amb. sh

3  
blk carb. sh  
18' (w/ GFM) gray chiling. BKC  
blk carb. sh

12-15' (w/ med. B) BKC - brown sh. (S) no oil  
4' Jr. con. tan  
A. un. clay, sm. sh. op. sh. tan  
12' (w/ wood) A. tr. sh. (S) no oil

12' sand, v. fg. white sh. cal. green tinted sand  
99' green sh.  
Sand. tan, wh. v. fg. sub rounded  
5' (w/ green sand) S. (S) 9' con S. (S) leader  
Sand. tan, wh. v. S.R.  
5' (w/ sh. green sand) S. (S) 9' con S. (S) leader  
1' (w/ sh. green sand) S. (S) 9' con S. (S) leader

DSC # 2 4720-4783

30-30-60-60  
Blow, Fair (84 1/2 inches)  
small, good to 8.8-19 mud

Recovery, 540 gas in pipe  
30' slightly oil cut mud  
(10 oil, 970 mud)  
60 oil, 940 cut mud  
(14 gas, 820 oil, 780 mud)

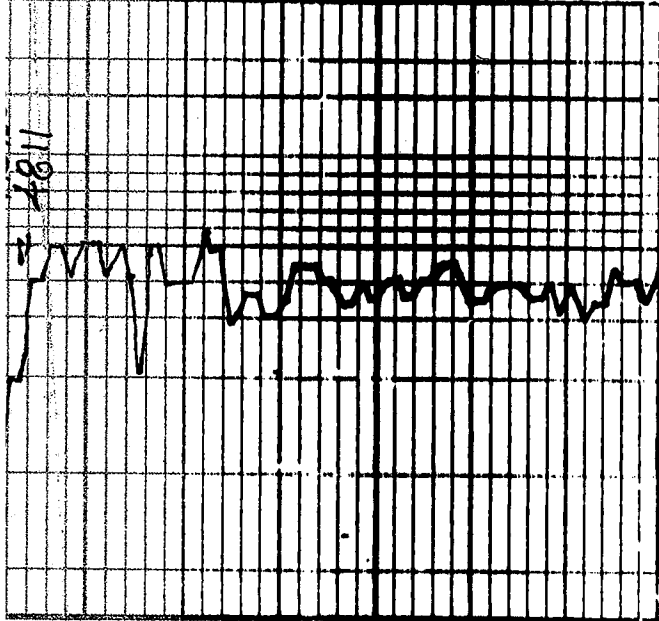
pressures, 150 362 ps  
150 601 ps  
150 15.92 "  
150 98-51 "  
MISH 2007-2227

45 units  
gas

85 units  
(?)

DSC # 3 4784-4798  
30-45-45-60  
Blow, Good (A. R. R. 14 1/2 inches)

4811



Rotary Logbit Depth  
4800

A. 120) Spun out, opaque - trans - is

2" wh grey brn - trans. 1

3

2 1/2" wh grey, calcareous, fine  
100% carbon

3

2 1/2" wh grey, fine, calcareous  
pore, + wh grey - brn -  
opaque A

Flow) 8 cm (0.810  
immediately)

Recovery 130 ops in pipe  
30' oil and gas cut  
mud

(10% gas, 25% oil)

6.5% mud

61' Heavy oil; gas cut  
mud

(30% gas, 43% oil  
57% mud)

Pressure: 15.5-12.5 MPa

540 MAS 11  
547 8-28 11  
551 31-54 11  
554 220  
560