KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1073361

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 # 6039
Name: L. D. Drilling, Inc.
Address 1: 7 SW 26TH AVE
Address 2:
City: GREAT BEND State: KS Zip: 67530 + 6525
Contact Person: L. D. DAVIS
Phone: (620) 793-3051
CONTRACTOR: License # 33323
Name: Petromark Drilling, LLC
Wellsite Geologist: JOSH AUSTIN
Purchaser: M V PURCHASING

Designate Type of Completion:

- [x] New Well [ ] Re-Entry [ ] Workover
- [x] 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 #:

12/10/2011	12/16/2011	12/27/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-185-23715-00-00
Spot Description:
S2 - NW - NW - NE Sec. 27 Twp. 21 S. R. 12 [ ] East [x] West
400 Feet from [x] North / [ ] South Line of Section
2310 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[x] NE [ ] NW [ ] SE [ ] SW
County: Stafford
Lease Name: SIEFKES Well #: 5-27
Field Name: MAX NORTH
Producing Formation: ARBUCKLE
Elevation: Ground: 1841 Kelly Bushing: 1845
Total Depth: 3718 Plug Back Total Depth: 3690
Amount of Surface Pipe Set and Cemented at: 411 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 14000 ppm Fluid volume: 240 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: L. D. DRILLING, INC.
Lease Name: MERMIS License #: 6039
Quarter SE Sec. 24 Twp. 20 S. R. 15 [ ] East [x] West
County: BARTON Permit #: D21526

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:
- [x] Wireline Log Received
- [x] Geologist Report Received
- [ ] UIC Distribution

ALT [x] I [ ] II [ ] III Approved by: Deanna Garrison Date: 02/06/2012

Side Two

1073361

Operator Name: L. D. Drilling, Inc. Lease Name: SIEFKES Well #: 5-27

Sec. 27 Twp. 21 S. R. 12 ☐ East ☑ West County: Stafford

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

DUAL COMPENSATED POROSITY LOG
DUAL INDUCTION LOG
MICRORESISTIVITY LOG

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-			
-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
4	3602 3612'; 3594 - 3598';	1500 gal 28% NE FE Acidq	
4	3586 - 3590'		

TUBING RECORD: Size: 2.875 Set At: 3687 Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 01/01/2012

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

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

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	SIEFKES 5-27
Doc ID	1073361

Tops

Name	Top	Datum
TOPEKA	2821	-976
HEEBNER	3112	-1267
TORONTO	3129	-1284
DOUGLAS	3140	-1295
BROWN LIME	3244	-1399
LANSING	3258	-1413
BASE KANSAS CITY	3482	-1637
VIOLA	3504	-1659
SIMPSON SHALE	3536	-1691
ARBUCKLE	3582	-1737

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	SIEFKES 5-27
Doc ID	1073361

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	23	411	COMMON	200	
SURFACE CONT	12.25	8.625	23	411	A-CONN	200	
PRODUCTION	7.875	5.5	14	3710	COMMON	150	
RATHOLE	7.875	5.5	14	3710	60/40 POZMIX	30	

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 05494 A

DATE TICKET NO.

DATE OF JOB 12-11-11 DISTRICT Pratt	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER L.D. Drilling	LEASE Siefkes WELL NO. 5-27
ADDRESS	COUNTY Stafford STATE KS
CITY STATE	SERVICE CREW Orlando, Mitchell, Yours
AUTHORIZED BY	JOB TYPE: CNW - 8 5/8 Surface

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
27283	1½				
27463	1½				
19831-19862	1½				

TRUCK CALLED	DATE 12-10-11	AM/PM TIME 8:00
ARRIVED AT JOB	12-10-11	AM 10:00
START OPERATION	12-11-11	AM 12:00
FINISH OPERATION		AM/PM 12:30
RELEASED		AM/PM 1:00
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
CP101	Acon Blend	SK	200		3600 00
CP100	Common	SK	200		3200 00
CC102	Cellflake	Lb	100		370 00
CC109	Calcium Chloride	Lb	940		987 00
CF153	Wooden Cement Plug	ea	1		160 00
E100	Pickup mileage	mi	45		191 25
E101	Heavy Equipment mileage	mi	90		630 00
E113	Bulk Delivery	Tm	846		1353 60
CE200	Depth Charge 0-500'	ea	1		1000 00
CE240	Blending & Mixing Charge	SK	400		560 00
CE504	Plug Container	ea	1		250 00
S003	Service Supervisor	ea	1		175 00

SUB TOTAL DLS 9856 71

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Steve Orlando

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC energy services, L.P.

TREATMENT REPORT

Customer LD Drilling	Lease No.		Date 12-11-11		
Lease Stephens	Well # 5-27				
Field Order # 3494	Station Pratt	Casing 8 5/8	Depth 401	County Stafford	State KS
Type Job CNW-8 5/8 Surface		Formation		Legal Description 27-21-13	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid Acon Blend	RATE	PRESS	ISIP
Depth 401	Depth	From	To 200sks	Pre Pad 2.12 yield	Max		5 Min.
Volume 26.1	Volume	From	To Common	Pad 1.2 yield	Min		10 Min.
Max Press 500	Max Press	From	To 200sks	Frac	Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 401	Packer Depth	From	To	Flush 25.4	Gas Volume		Total Load

Customer Representative	Station Manager	Treater
Jim	Dave Scott	Steve Ockwood

Service Units	27283	27463	19831	19862							
Driver Names	Ockwood	M. Lahl	Young								

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:00 AM					On location Safety Meeting
					Run 10 Jts 8 5/8 Casing
					Casing On Bottom
					Break Circ w/ Rig
12:00	300		75.5	5	Mix 200sks Acon Blend
12:15	250		43	5	mix 200sks Common
					Shut Down - Clear Pump & Lines
12:24	0		0	4	Start H2O Displacement
12:28	250		15	4	Cement TO Surface
12:30	300		25.4	4	Plug Down
					Circulated Thru Job
					Circulated 10 bbl Cement to pit
					Job Complete
					Thanks, Steve

Taylor Printing, Inc. 620-672-3656

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 05509 A

DATE TICKET NO.

DATE OF JOB 12-17-2011 DISTRICT PRATT, KS.	NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER L D DRILLING, INC.	LEASE SIEFKES WELL NO. 5-27
ADDRESS	COUNTY STAFFORD STATE KS.
CITY STATE	SERVICE CREW LESLEY, LAWRENCE, McGRAW
AUTHORIZED BY	JOB TYPE: CNW - 5 1/2" L.S.

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
375586	1.5				
33708 - 70920	1.5				
19826 - 19860	1.5				

	DATE	AM/PM	TIME
TRUCK CALLED	12-17-11	AM	12:00
ARRIVED AT JOB		AM	12:30
START OPERATION		AM	9:30
FINISH OPERATION		AM	11:10
RELEASED		AM	11:45
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: Scott Fellows
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP 100	COMMON	SK	150		2,400 00
CP 103	60/40 POZ	SK	30		360 00
CC 102	CELLFLAKE	lb	38		140 60
CC 112	CEMENT FRICTION REDUCER	lb	43		258 00
CC 113	CAL-SET	lb	705		528 75
CC 200	CEMENT GEL	lb	287		70 50
CF 103	TOP RUBBER PLUG, 5 1/2"	EA	1		105 00
CF 251	GUIDE SHOE - REGULAR, 5 1/2"	EA	1		250 00
CF 1451	FLAPPER TYPE INSERT FLOAT VALVE, 5 1/2"	EA	1		215 00
CF 1651	TURBOLIZER, 5 1/2"	EA	6		660 00
CC 151	MUD FLUSH	GAL	1000		860 00
E 100	PICKUP MILEAGE	MI	45		191 25
E 101	HEAVY EQUIPMENT MILEAGE	MI	90		630 00
E 113	BULK DELIVERY CHARGE	TM	376		601 76
CE 204	DEPTH CHARGE; 3001' - 4000'	HRS	1-4		2,160 00
CE 240	BLENDING SERVICE CHARGE	SK	180		252 00
CE 504	PLUG CONTAINER CHARGE	JOB	1		250 00
S 003	SERVICE SUPERVISOR	EA	1		175 00

SUB TOTAL 7,984 71

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Lesley

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Scott Fellows
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

BASIC energy services, L.P.

TREATMENT REPORT

Customer LD DRILLING	Lease No.		Date 12-17-2011
Lease SIEFKES	Well # 5-27		
Field Order # 05509	Station PRATT, KS.	Casing 5 1/2" x 14#	Depth
County STAFFORD	State KS.		
Type Job CNW - 5 1/2" L.S.	Formation TD - 3718'	Legal Description 27-21-12	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5 1/2 x 14#	Tubing Size	Shots/Ft	CMT -	Acid 150 SK COMMON	RATE	PRESS	ISIP
Depth 3715'	Depth	From	To	Pre Pad @ 1.43 CUFT	Max		5 Min.
Volume 10.52 BBL	Volume	From	To	Pad	Min		10 Min.
Max Press 1500	Max Press	From	To	Frac	Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 3697'	Packer Depth	From	To	Flush 90.2 BBL	Gas Volume		Total Load

Customer Representative LD DAVIS | Station Manager D. SCOTT | Treater K. LESLEY

Service Units	37586	33708	20920	19826	19860						
Driver Names	LESLEY	LAWRENCE		McGRAW							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:30AM					ON LOCATION - SAFETY MEETING
8:15AM					RUN JTS. 5 1/2" x 14# CSG.
					TURBO - 1, 3, 5, 7, 9, 11
9:20AM					CSG. ON BOTTOM
9:30AM					HOOK UP TO CSG. / BREAK CIRC. W/RIG
10:30AM	300		24	5	MUD FLUSH
10:35AM	300		5	5	H2O SPACER
10:42AM	200		38	5	MIX 150 SK COMMON @ 14.76 PPG
10:45AM					CLEAR PUMP & LINE / DROP T.R. PLUG
10:50AM	0		0	4.5	START DISPLACEMENT
11:04AM	500		65	4	LIFT PRESSURE
11:08AM	600		80	3.5	SLOW RATE
11:10AM	1100		90	3.0	PLUG DOWN - HELD
					CIRC. THRU JOB
			6		PLUG RAT HOLE
					JOB COMPLETE,
					THANKS -
					KEVEN LESLEY

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

Taylor Printing, Inc 620-672-3656

Musgrove
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 Siefkes #5-27
FIELD Max North
LOCATION NW-NW-NE (400' FNL & 2310 FEL)
SEC 27 TWSP 21 RGE 12
COUNTY Stafford STATE Kansas

ELEVATIONS
KB 1845
DF
GL 1840
Measurements Are All From KB

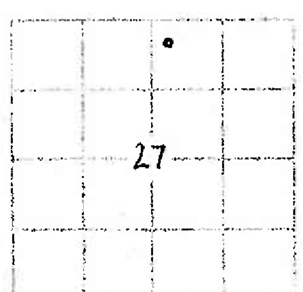
CONTRACTOR Petromark Drilling (rig #2)
SPUD 12-10-2011 COMP 12-17-2011
RTD 3718 LTD 3718
MUD UP 2788 TYPE MUD Chemical Displaced

CASING
SURFACE 8 5/8" @ 401
PRODUCTION

ELECTRICAL SURVEYS
By Log-Tech
CNL-CDL DIL Micro.

SAMPLES SAVED FROM 2900 TO 3718
DRILLING TIME KEPT FROM 2750 TO 3718
SAMPLES EXAMINED FROM 2900 TO 3718
GEOLOGICAL SUPERVISION FROM 2920 TO 3718
GEOLOGIST ON WELL Josh Austin

FORMATION TOPS	LOG		SAMPLES
Topeka	2821	-976	
Heebner	3112	-1267	
Toronto	3129	-1284	
Douglas	3140	-1295	
Brown Lime	3244	-1399	
Lansing	3258	-1413	
Base Kansas City	3482	-1637	
Viola	3504	-1659	
Simpson Shale	3536	-1691	
Arbuckle	3582	-1737	
RTD	3718	-1873	
LTD	3718	-1873	

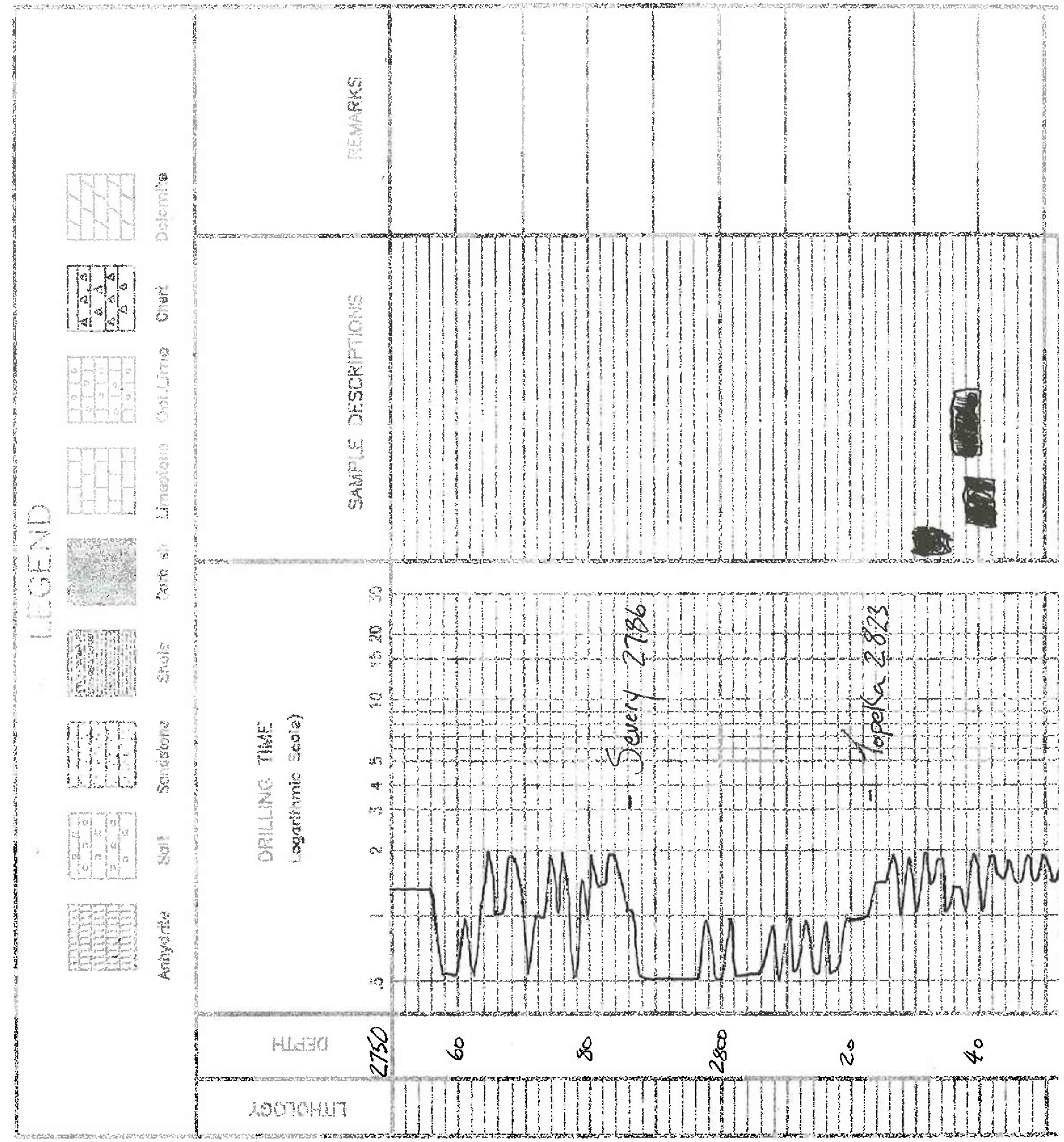


REMARKS

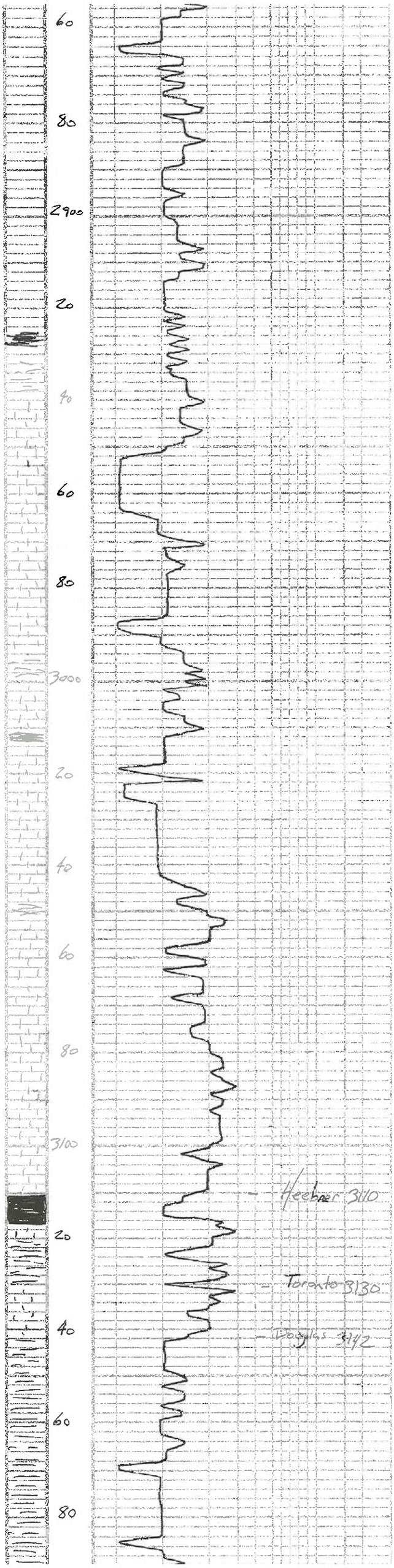
5 1/2" production Casing was set and cemented.

Respectfully submitted,
Josh Austin
Petroleum Geologist

7506



LOG 7702



Ls crm-gry f-med xl dense
chlky in part grain
Sli foss poor vis' N/S

blk carb shale

Ls: crm-wh f-xl chlky (dol)
+ gry bory Δ

Ls; gry-crm foss chlky
scatt fossil cst- lxl type'
N/S +gry bory Δ

Ls gry-crm few/oot
chlky fr-good fossil cst'
(barren)

blk carb sh.

Ls. crm-buff-gry foss/oot
grain in part fr fossil cst'
Sli dolomitic in part N/S

Ls crm f-xl sli soc dolomitic
in part chlky + drk gy Δ

Ls; crm-gry f-xl chlky
foss poorly dev' +wh chlk
+ gry bory Δ N/S

Ls; crm-Tan f-xl dense
chlky in part Δ N/S
Poor

blk carb shale

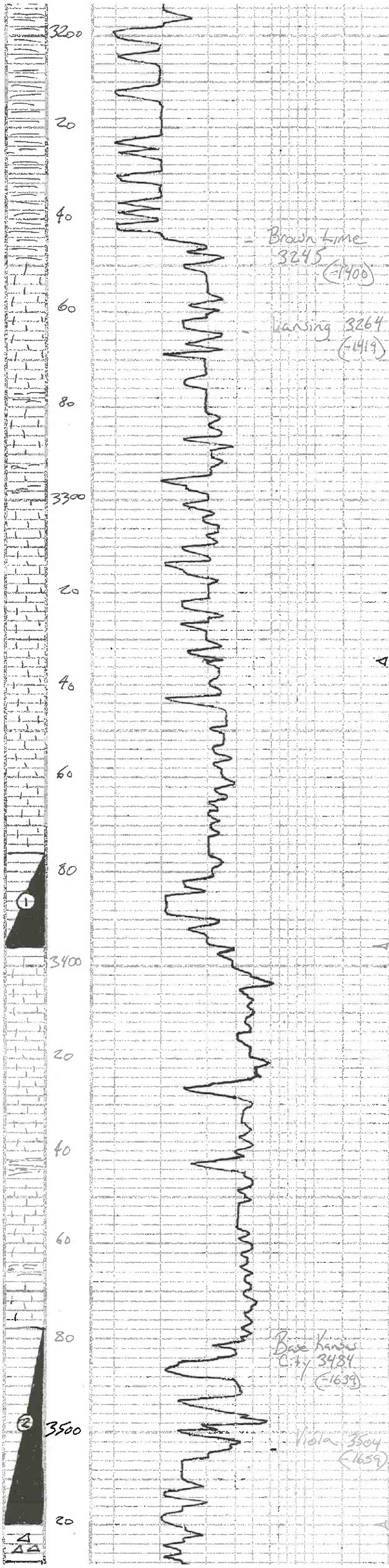
gry-gry/sh green-mar shale

Ls wh-crm f-xl chlky dense

gry-green-mar sh.

gry-gry.sh green
soft silky mica sh

shale aa silty



Silty gry mica shale

Shale a.a. soft/silty

LS. tan-brn fxl sl. foss dense
sdy in part
+ gry-green shale

LS. crm fxl chlky few foss
poor v.i.s.' N/S

LS. gry-crm fxl chlky foss
N/S

LS. crm-gry foss/ool chlky
few oom-vugsy N/S

LS. gry-crm fxl foss-ool
chlky in part few scatt.' N/S

LS. crm foss chlky fr fossilcst
fxl.o' fr golden brn sta. NSFO No odor
+ FeS2

LS. wh-crm fxl chlky
poorly dev.o few finely ool pcs
+ hvy blk sta NSFO No odor

LS. gry-buff fxl dense
Sl. sdy poor v.i.s.o

drk gry shale

LS. gry-crm ool-oom chlky
fr oom.o' fr golden brn spotty FO
SL. F.odor

LS. crm-buff gry fxl dense
poor v.i.s.o' sl. sdy N/S
+ gry boney

LS. crm chlky fr vuggy.' sl.
ool. + hvy FO No odor

blk Carb Shale

LS. crm-tan fxl ool in part
(poor v.i.s.' dense N/S

LS. tan-crm buff Highly ool gran
in pt + brn sta. SFO ft odor
poorly dev.

drk gry-blk shale

gry-gryish green shale

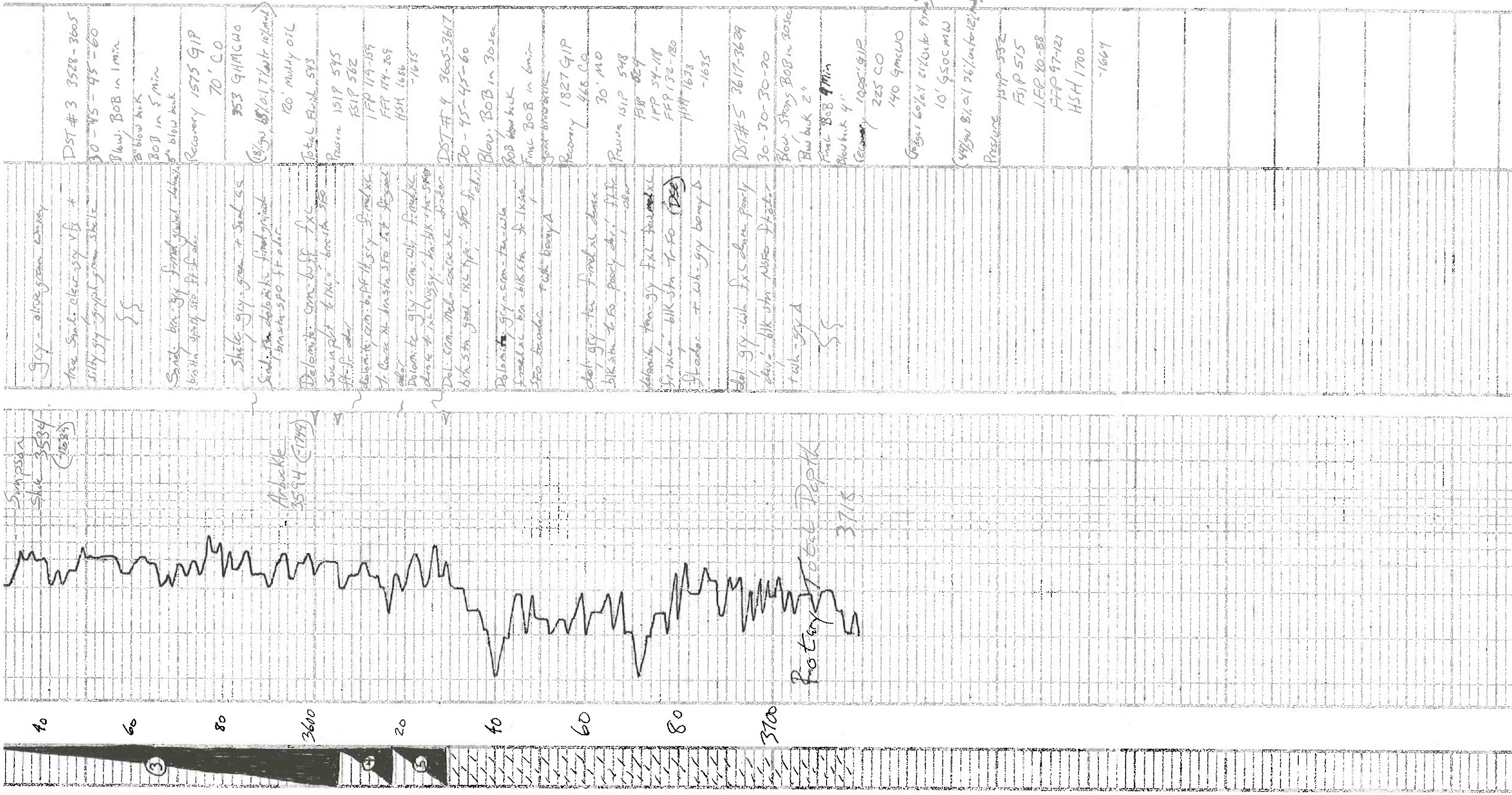
Trace Sand: vfg friable sub-Δ
sub rounded fr i.g.o' brn sta spotty
SFO - ft odor

Chert wh-crm boney semi-tri
Tri/blk sta gassy odor

Δ: wh-crm boney few semi-tri

DST #1 3376-3396
30-30-30-30
Blow: weak
Recovery 1' sl. gasy Mud
Pressure ISIP 13
FSIP 10
IFP 4-6
FFP 20-20
HSH 1575
-1546

DST #2 3478-3520
30-30-30-30
Blow weak
Recovery 2' mud
Pressure ISIP 6
FSIP 6
IFP 6-6
FFP 6-6
HSH 1689
-1684



DST # 3 3528 - 3605
30 - 45 - 45 - 60
Blow. BOB in 1 min
BOB in 5 min
Recovery 1575 GIP
70' CO
353 GHMCWO
120' muddy oil
Total Fluid 543
Pressure ISIP 545
FSIP 562
IFP 119-159
FFP 174-209
HSH 1686
-1675
DST # 4 3605-3617
30 - 45 - 45 - 60
Blow. BOB in 30 sec
Final BOB in 6 min
Recovery 1827 GIP
468 CO
30' MO
Pressure ISIP 548
IFP 54-118
FFP 132-180
HSH 1638
-1635
DST # 5 3617-3629
30 - 30 - 30 - 30
Blow. Strong BOB in 30 sec
Blow back 2"
Final BOB 4 min
Blowback 4"
Recovery 1005' GIP
225 CO
140 GMCWO
10' GSOCMW
Pressure ISIP 552
FSIP 515
IFP 40-88
FFP 97-123
HSH 1700
-1664
Simpson shale 3534
Arbuckle 3594
Rotary Total Depth 3718
40
60
80
3600
20
40
60
80
3700

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M251
Well Name	SIEFKES #5-27	Representative	MIKE COCHRAN
Unique Well ID	DST#1 3376-3396 L/KC H	Well Operator	L.D. DRLG
Surface Location	SEC.27-21S-12W STAFFORD CO.KS.	Report Date	2011/12/14
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL
Formation	DST#1 3376-3396 L/KC H
Test Purpose (AEUB)	Initial Test

Start Test Date	2011/12/13	Start Test Time	21:00:00
Final Test Date	2011/12/14	Final Test Time	02:35:00
		Well Fluid Type	01 Oil

Gauge Name	30044
Gauge Serial Number	

Test Results

Remarks

RECOVERED:

1' DM 100% MUD

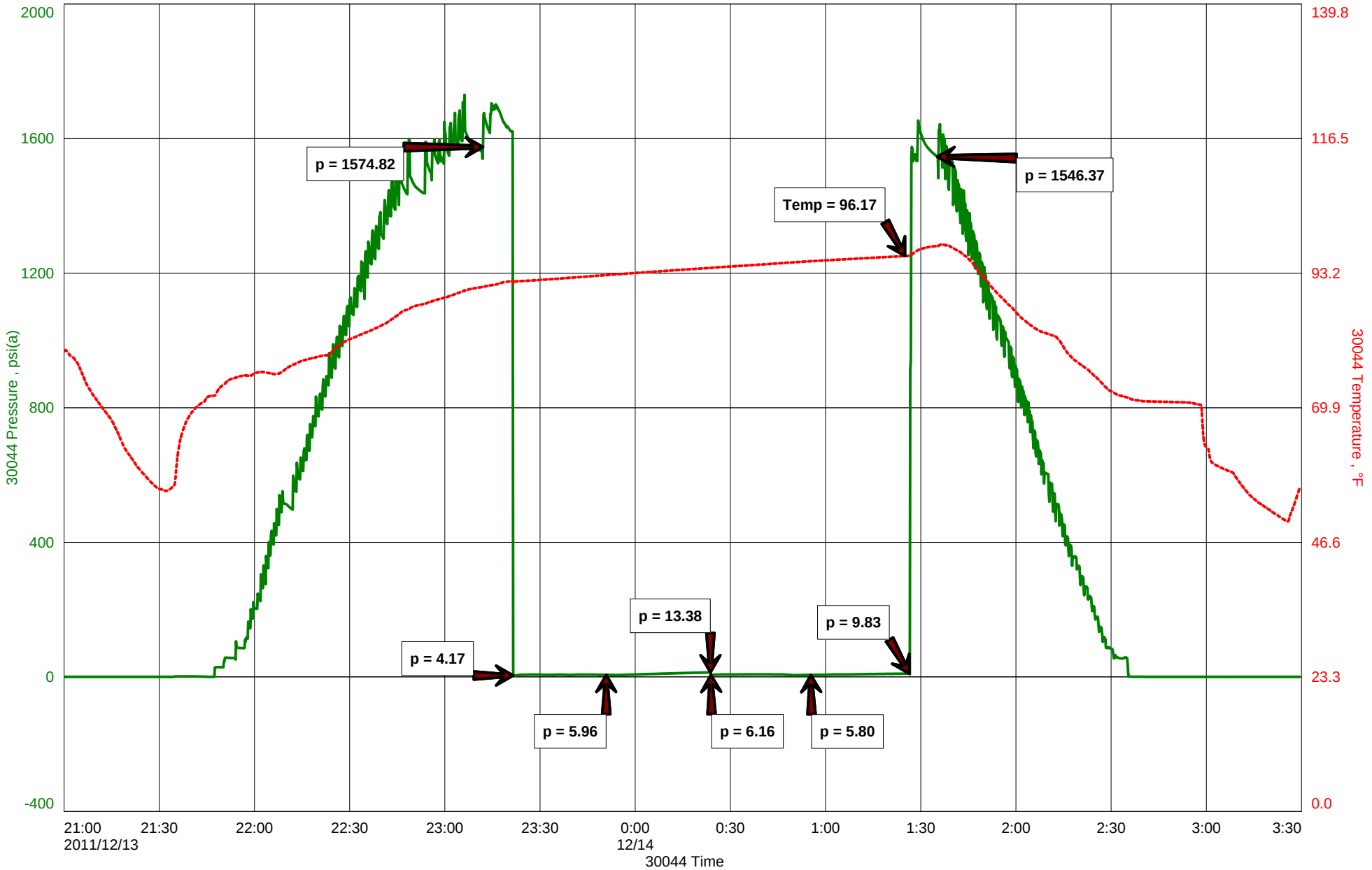
1' TOTAL FLUID

TOOL SAMPLE: DM W/ A SLIGHT GASSY ODOR

L.D. DRLG
DST#1 3376-3396 L/KC H
Start Test Date: 2011/12/13
Final Test Date: 2011/12/14

SIEFKES #5-27
Formation: DST#1 3376-3396 L/KC H
Pool: WILDCAT
Job Number: M251

SIEFKES #5-27



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: SFKS5-27DST1

TIME ON: 2100 (12/13)

TIME OFF: 0235 (12/14)

Company L.D. DRLG — Lease & Well No. SIEFKES #5-27

Contractor PETROMARK RIG 2 — Charge to L.D. DRLG

Elevation 1845 KB — Formation L/KC H — Effective Pay ____ Ft. — Ticket No. M251

Date 12/13/2011 — Sec. 27 — Twp. 21 S — Range 12 W — County STAFFORD — State KANSAS

Test Approved By JOSH AUSTIN — Diamond Representative MIKE COCHRAN

Formation Test No. 1 — Interval Tested from 3376 ft. to 3396 ft. — Total Depth 3396 ft.

Packer Depth 3371 ft. — Size 6 3/4 in. — Packer depth NA ft. — Size 6 3/4 in.

Packer Depth 3376 ft. — Size 6 3/4 in. — Packer depth NA ft. — Size 6 3/4 in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 3365 ft. — Recorder Number 30044 — Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3393 ft. — Recorder Number 11029 — Cap. 5,025 P.S.I.

Below Straddle Recorder Depth ____ ft. — Recorder Number ____ — Cap. ____ P.S.I.

Mud Type CHEM — Viscosity 78 — Drill Collar Length 120 ft. — I.D. 2 1/4 in.

Weight 8.6 — Water Loss 8.2 cc. — Weight Pipe Length 0 ft. — I.D. 2 7/8 in

Chlorides 3,600 P.P.M. — Drill Pipe Length 3351 ft. — I.D. 3 1/2 in

Jars: Make STERLING — Serial Number N/A — Test Tool Length 25 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: VWSB, INC. TO ½" IN 30 MIN (NO BB)

2nd Open: MAINTAINED A VWSB (NO BB)

Recovered 1 ft. of DM 100% MUD

Recovered 1 ft. of TOTAL FLUID

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Remarks: ____

TOOL SAMPLE: DM W/ A SLIGHT GASSY ODOR

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 11:30 P.M. A.M. / P.M. — Time Started Off Bottom 1:30 A.M. A.M. / P.M. — Maximum Temperature 96

Initial Hydrostatic Pressure ..... (A) 1575 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 4 P.S.I. to (C) 6 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 13 P.S.I.

Final Flow Period ..... Minutes 30 (E) 6 P.S.I. to (F) 6 P.S.I.

Final Closed In Period ..... Minutes 30 (G) 10 P.S.I.

Final Hydrostatic Pressure ..... (H) 1546 P.S.I.

No Electronic Chart At This Time. There may be one after recorder repairs.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	**L.D. DRLG**	**Job Number**	**M252**
Well Name	**SIEFKES #5-27**	**Representative**	**MIKE COCHRAN**
Unique Well ID	**DST#2 3478-3520 CONGL./VIOLA**	**Well Operator**	**L.D. DRLG**
Surface Location	**SEC.27-21S-12W STAFFORD CO.KS.**	**Report Date**	**2011/12/14**
Field	**WILDCAT**	**Prepared By**	**MIKE COCHRAN**
Well Type	**Vertical**	**Qualified By**	**JOSH AUSTIN**
		Test Unit	**NO. 1**

Test Information

Test Type	**CONVENTIONAL**
Formation	**DST#2 3478-3520 CONGL./VIOLA**
Test Purpose (AEUB)	**Initial Test**

Start Test Date	**2011/12/14**	**Start Test Time**	**15:50:00**
Final Test Date	**2011/12/14**	**Final Test Time**	**21:25:00**
		Well Fluid Type	**01 Oil**

Test Results

Remarks

RECOVERED:

2' DM

2' TOTAL FLUID

TOOL SAMPLE: DRLG MUD, LIGHTGASSY ODOR

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: SFKS5-27DST2

TIME ON: 1550
TIME OFF: 2125

Company L.D. DRLG — Lease & Well No. SIEFKES #5-27
Contractor PETROMARK RIG 2 — Charge to L.D. DRLG
Elevation 1845 KB — Formation CONGL/VIOLA — Effective Pay ____ Ft. — Ticket No. M252
Date 12/14/2011 — Sec. 27 — Twp. 21 S — Range 12 W — County STAFFORD — State KANSAS
Test Approved By JOSH AUSTIN — Diamond Representative MIKE COCHRAN

Formation Test No. 2 — Interval Tested from 3478 ft. to 3520 ft. — Total Depth 3520 ft.
Packer Depth 3473 ft. — Size 6 3/4 in. — Packer depth NA ft. — Size 6 3/4 in.
Packer Depth 3478 ft. — Size 6 3/4 in. — Packer depth NA ft. — Size 6 3/4 in.
Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 3467 ft. — Recorder Number 30044 — Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3517 ft. — Recorder Number 11029 — Cap. 5,025 P.S.I.
Below Straddle Recorder Depth ____ ft. — Recorder Number ____ — Cap. ____ P.S.I.

Mud Type CHEM — Viscosity 76 — Drill Collar Length 120 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 5,000 P.P.M. — Drill Pipe Length 3333 ft. — I.D. 3 1/2 in
Jars: Make STERLING — Serial Number N/A — Test Tool Length 25 ft. — Tool Size 3 1/2-IF in
Did Well Flow? NO — Reversed Out NO — Anchor Length 42 ft. (31'DP) — 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: WSB, INC TO 1" IN 15MIN THEN MAINTAINED AN INTERMITTENT 1" BLOW (NOBB)
2nd Open: VWSB, BUILT TO A ¼" DIMINISHING BLOW THAT DIED @ 20 MIN. (NO BB)

Recovered 2 ft. of DM
Recovered 2 ft. of TOTAL FLUID
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Remarks: PRESSURES FROM MANUAL RECORDER

TOOL SAMPLE: DM, LIGHT GASSY ODOR

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 5:30 P.M. A.M. P.M. — Time Started Off Bottom 7:30 P.M. A.M. P.M. — Maximum Temperature ---

Initial Hydrostatic Pressure ..... (A) 1689 P.S.I.
Initial Flow Period ..... Minutes 30 (B) 6 P.S.I. to (C) 6 P.S.I.
Initial Closed In Period ..... Minutes 30 (D) 6 P.S.I.
Final Flow Period ..... Minutes 30 (E) 6 P.S.I. to (F) 6 P.S.I.
Final Closed In Period ..... Minutes 30 (G) 6 P.S.I.
Final Hydrostatic Pressure ..... (H) 1684 P.S.I.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	**L.D. DRLG**	**Job Number**	**M253**
Well Name	**SIEFKES #5-27**	**Representative**	**MIKE COCHRAN**
Unique Well ID	**DST#3 3528-3605 ARBUCKLE**	**Well Operator**	**L.D. DRLG**
Surface Location	**SEC.27-21S-12W STAFFORD CO.KS.**	**Report Date**	**2011/12/15**
Field	**WILDCAT**	**Prepared By**	**MIKE COCHRAN**
Well Type	**Vertical**	**Qualified By**	**JOSH AUSTIN**
		Test Unit	**NO. 1**

Test Information

Test Type	**CONVENTIONAL**
Formation	**DST#3 3528-3605 ARBUCKLE**
Test Purpose (AEUB)	**Initial Test**

Start Test Date	**2011/12/15**	**Start Test Time**	**07:43:00**
Final Test Date	**2011/12/15**	**Final Test Time**	**14:53:00**
		Well Fluid Type	**01 Oil**

Gauge Name	**E1150**
Gauge Serial Number	

Test Results

Remarks

RECOVERED:

1575' GIP
70' CO
353' GHMCWO 18% GAS, 19% CO, 46% EMULSIFIED OIL, 7% WTR, 10% MUD
120' MO 90% OIL, 10% MUD
543' TOTAL FLUID

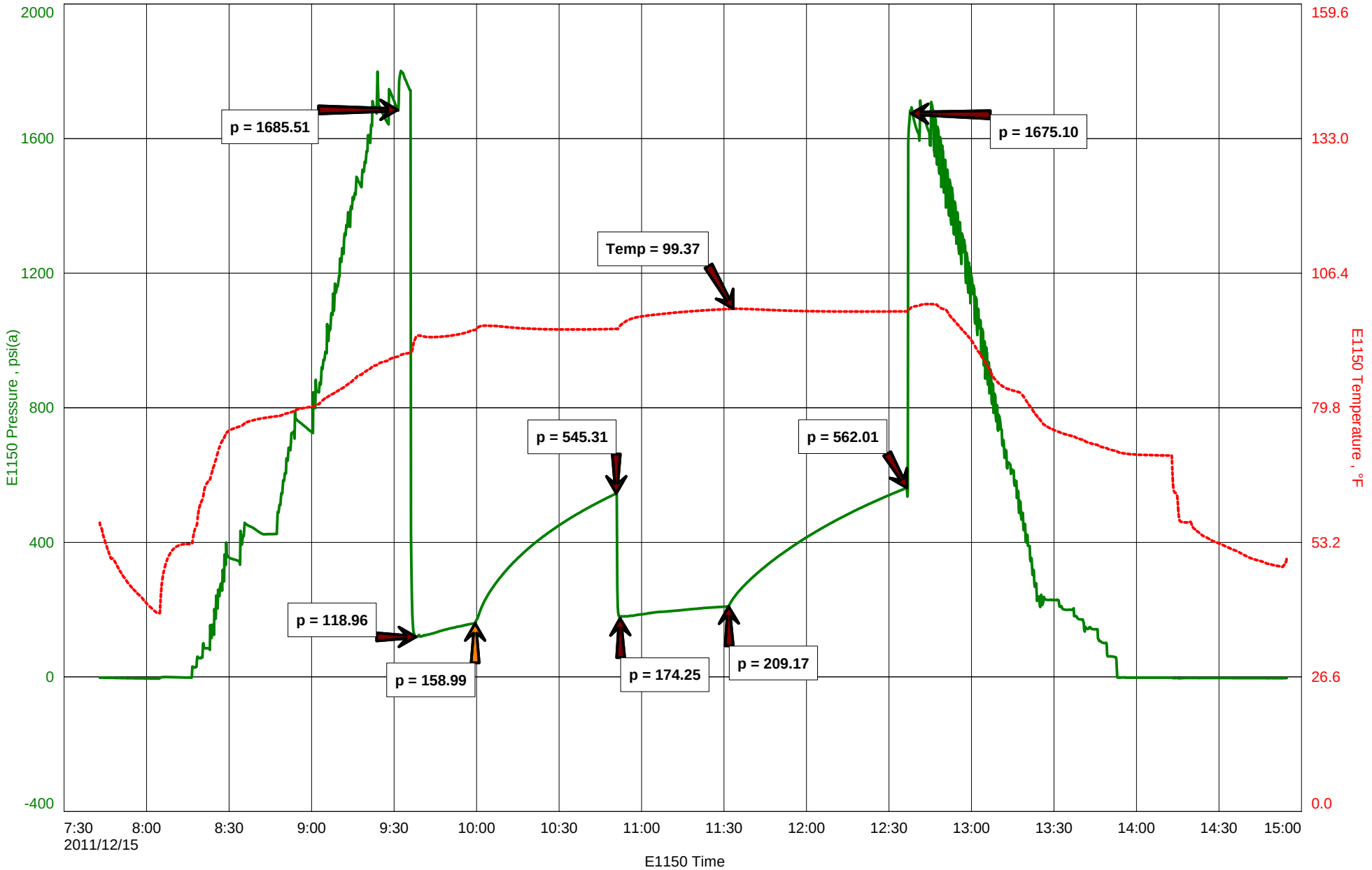
GRAVITY: 37.2 @ 60

TOOL SAMPLE: 100% OIL

L.D. DRLG
DST#3 3528-3605 ARBUCKLE
Start Test Date: 2011/12/15
Final Test Date: 2011/12/15

SIEFKES #5-27
Formation: DST#3 3528-3605 ARBUCKLE
Pool: WILDCAT
Job Number: M253

SIEFKES #5-27



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: SFKS5-27DST3

TIME ON: 0743
TIME OFF: 1453

Company L.D. DRLG — Lease & Well No. SIEFKES #5-27
Contractor PETROMARK RIG 2 — Charge to L.D. DRLG
Elevation 1845 KB — Formation ARBUCKLE — Effective Pay ____ Ft. — Ticket No. M253
Date 12/15/2011 — Sec. 27 — Twp. 21 S — Range 12 W — County STAFFORD — State KANSAS
Test Approved By JOSH AUSTIN — Diamond Representative MIKE COCHRAN

Formation Test No. 3 — Interval Tested from 3528 ft. to 3605 ft. — Total Depth 3605 ft.

Packer Depth 3523 ft.	Size 6 3/4 in.	Packer depth NA ft.	Size 6 3/4 in.
Packer Depth 3528 ft.	Size 6 3/4 in.	Packer depth NA ft.	Size 6 3/4 in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside)	3517 ft.	Recorder Number 30044	Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside)	3602 ft.	Recorder Number 11029	Cap. 5,025 P.S.I.
Below Straddle Recorder Depth	____ ft.	Recorder Number ____	Cap. ____ P.S.I.

Mud Type CHEM	Viscosity 56	Drill Collar Length 120 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 5,000 P.P.M.		Drill Pipe Length 3383 ft.	I.D. 3 1/2 in
Jars: Make STERLING	Serial Number N/A	Test Tool Length 25 ft.	Tool Size 3 1/2-IF in
Did Well Flow? NO	Reversed Out NO	Anchor Length 77 (63'DP) 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: GSB, BOB 1 MIN (5" BB)
2nd Open: GSB, BOB 5 MIN (4" BB)

Recovered 1575 ft. of GIP
Recovered 70 ft. of CO — GRAVITY: 37.2 @ 60°
Recovered 353 ft. of GHMCWO 18% GAS, 19% CO, 46% EMULSIFIED OIL, 7% WTR, 10% MUD
Recovered 120 ft. of MO 90% OIL, 10% MUD
Recovered 543 ft. of TOTAL FLUID
Recovered ____ ft. of ____
Remarks: ____

TOOL SAMPLE: 100% OIL

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 9:30 A.M. A.M. P.M. — Time Started Off Bottom 12:30 P.M. A.M. P.M. — Maximum Temperature 99

Initial Hydrostatic Pressure ..... (A) 1686 P.S.I.
Initial Flow Period ..... Minutes 30 (B) 119 P.S.I. to (C) 159 P.S.I.
Initial Closed In Period ..... Minutes 45 (D) 545 P.S.I.
Final Flow Period ..... Minutes 45 (E) 174 P.S.I. to (F) 209 P.S.I.
Final Closed In Period ..... Minutes 60 (G) 567 P.S.I.
Final Hydrostatic Pressure ..... (H) 1675 P.S.I.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	**L.D. DRLG**	**Job Number**	**M254**
Well Name	**SIEFKES #5-27**	**Representative**	**MIKE COCHRAN**
Unique Well ID	**DST#4 3605-3617 ARBUCKLE**	**Well Operator**	**L.D. DRLG**
Surface Location	**SEC.27-21S-12W STAFFORD CO.KS.**	**Report Date**	**2011/12/16**
Field	**WILDCAT**	**Prepared By**	**MIKE COCHRAN**
Well Type	**Vertical**	**Qualified By**	**JOSH AUSTIN**
		Test Unit	**NO. 1**

Test Information

Test Type	**CONVENTIONAL**
Formation	**DST#4 3605-3617 ARBUCKLE**
Test Purpose (AEUB)	**Initial Test**

Start Test Date	**2011/12/15**	**Start Test Time**	**20:20:00**
Final Test Date	**2011/12/16**	**Final Test Time**	**04:00:00**
		Well Fluid Type	**01 Oil**

Gauge Name	**E1150**
Gauge Serial Number	

Test Results

Remarks

RECOVERED:

1827' GIP

468' CO 100% OIL (378'DP, 90'DC)

30' MO 80% OIL, 20% MUD

498' TOTAL FLUID

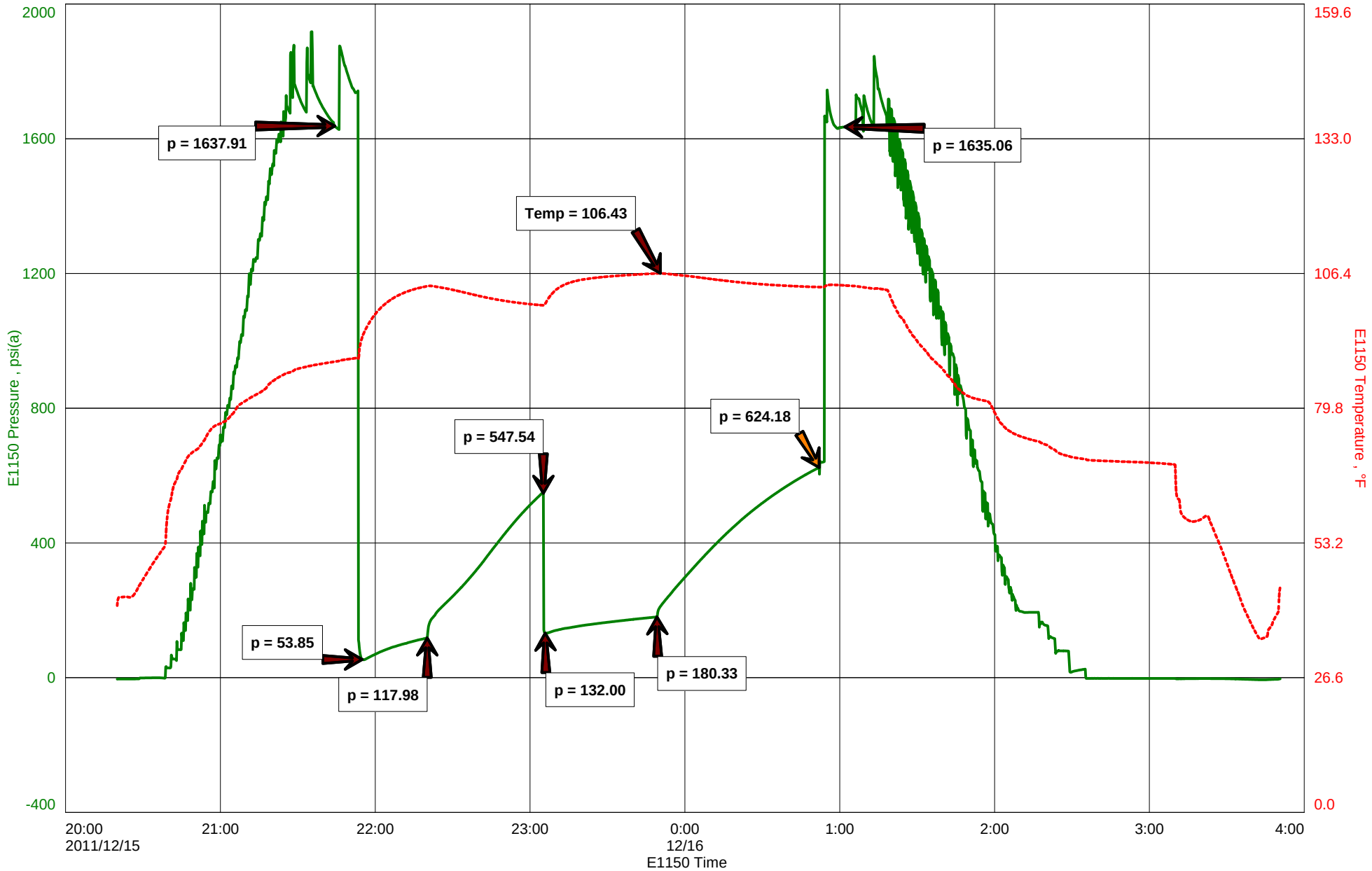
GRAVITY: 38.0 @ 60

TOOL SAMPLE: 90% OIL, 10% MUD

L.D. DRLG
DST#4 3605-3617 ARBUCKLE
Start Test Date: 2011/12/15
Final Test Date: 2011/12/16

SIEFKES #5-27
Formation: DST#4 3605-3617 ARBUCKLE
Pool: WILDCAT
Job Number: M253

SIEFKES #5-27



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: SFKS5-27DST4

TIME ON: 2020 (12/15)

TIME OFF: 0400 (12/16)

Company L.D. DRLG — Lease & Well No. SIEFKES #5-27

Contractor PETROMARK RIG 2 — Charge to L.D. DRLG

Elevation 1845 KB — Formation ARBUCKLE — Effective Pay _____ Ft. — Ticket No. M254

Date 12/15/2011 — Sec. 27 — Twp. 21 S — Range 12 W — County STAFFORD — State KANSAS

Test Approved By JOSH AUSTIN — Diamond Representative MIKE COCHRAN

Formation Test No. 4 — Interval Tested from 3605 ft. to 3617 ft. — Total Depth 3617 ft.

Packer Depth 3600 ft. — Size 6 3/4 in. — Packer depth NA ft. — Size 6 3/4 in.

Packer Depth 3605 ft. — Size 6 3/4 in. — Packer depth NA ft. — Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3594 ft. — Recorder Number 30044 — Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3614 ft. — Recorder Number 11029 — Cap. 5,025 P.S.I.

Below Straddle Recorder Depth _____ ft. — Recorder Number _____ — Cap. _____ P.S.I.

Mud Type CHEM — Viscosity 56 — Drill Collar Length 120 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 5,000 P.P.M. — Drill Pipe Length 3460 ft. — I.D. 3 1/2 in

Jars: Make STERLING — Serial Number N/A — Test Tool Length 25 ft. — Tool Size 3 1/2-IF in

Did Well Flow? NO — Reversed Out NO — Anchor Length 12 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: GSB, BOB 30 SEC. (BOB BB)

2nd Open: GSB, BOB 6 MIN (BOB BB)

Recovered 1827 ft. of GIP

Recovered 468 ft. of CO 100% OIL (378'DP, 90'DC) GRAVITY: 38.0 @ 60°

Recovered 30 ft. of MO 80% OIL, 20% MUD

Recovered 498 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 90% OIL, 10% MUD

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 10:00 P.M. A.M. P.M. — Time Started Off Bottom 1:00 A.M. A.M. P.M. — Maximum Temperature 106

Initial Hydrostatic Pressure ..... (A) 1638 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 54 P.S.I. to (C) 118 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 548 P.S.I.

Final Flow Period ..... Minutes 45 (E) 132 P.S.I. to (F) 180 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 624 P.S.I.

Final Hydrostatic Pressure ..... (H) 1635 P.S.I.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M255
Well Name	SIEFKES #5-27	Representative	MIKE COCHRAN
Unique Well ID	DST#5 3617-3629 ARBUCKLE	Well Operator	L.D. DRLG
Surface Location	SEC.27-21S-12W STAFFORD CO.KS.	Report Date	2011/12/16
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL
Formation	DST#5 3617-3629 ARBUCKLE
Test Purpose (AEUB)	Initial Test

Start Test Date	2011/12/16	Start Test Time	09:05:00
Final Test Date	2011/12/16	Final Test Time	15:10:00
		Well Fluid Type	01 Oil

Gauge Name	E1150
Gauge Serial Number	

Test Results

Remarks

RECOVERED:
1005' GIP
225' CO 100% OIL
140' GMCWO 10% GAS, 60% OIL, 21% WTR, 9% MUD
10' GSOCMW 44% GAS, 8% OIL, 36% WTR, 12% MUD
375' TOTAL FLUID

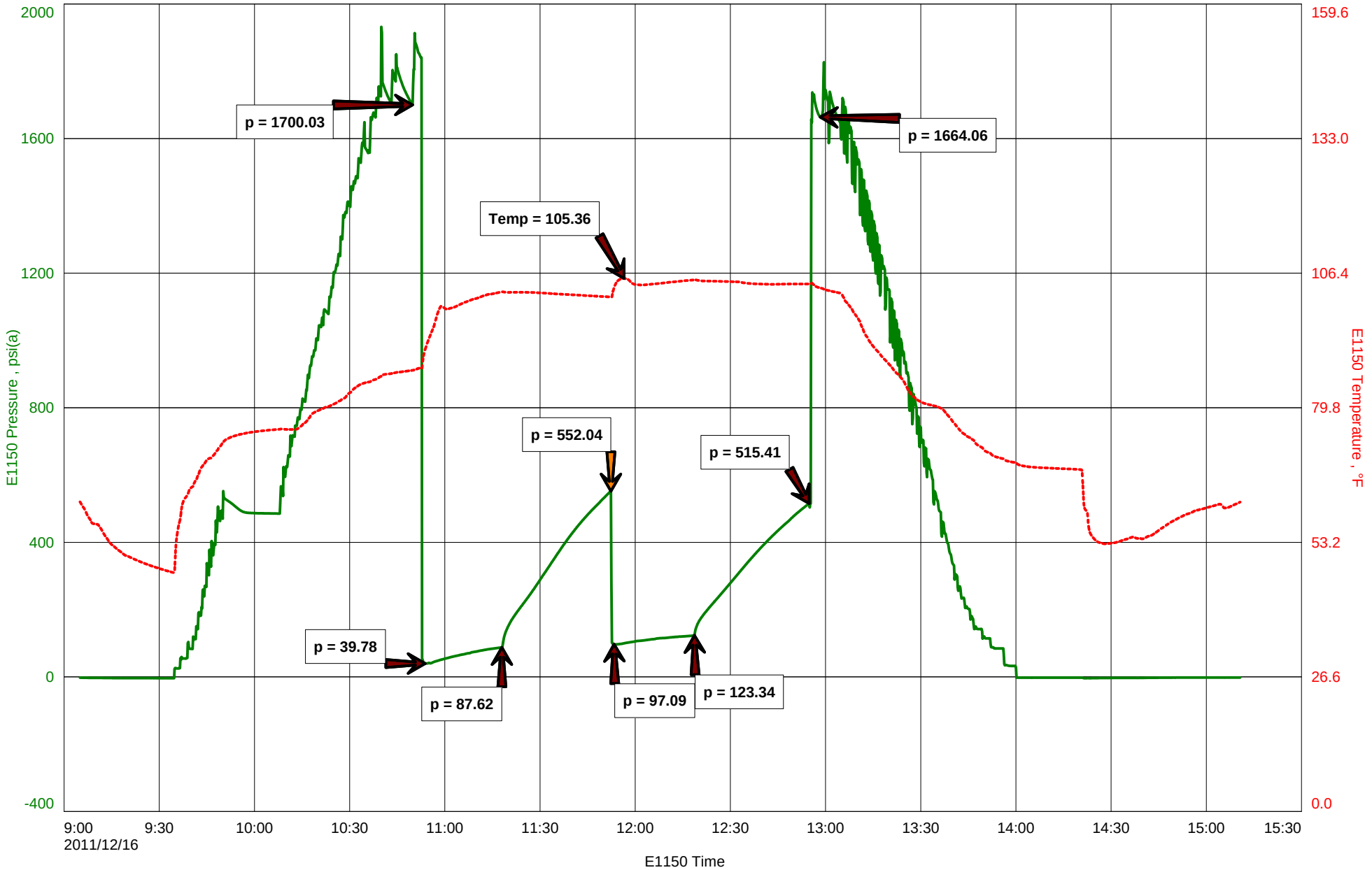
CHLOR: 18,000 PPM
PH: 7.0
RW: .50 @ 50DEG
GRAVITY: 37.2 @ 60

TOOL SAMPLE: 3% GAS, 59% OIL, 31% WTR, 7% MUD

L.D. DRLG
DST#5 3617-3629 ARBUCKLE
Start Test Date: 2011/12/16
Final Test Date: 2011/12/16

SIEFKES #5-27
Formation: DST#5 3617-3629 ARBUCKLE
Pool: WILDCAT
Job Number: M255

SIEFKES #5-27



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: SFKS5-27DST5

TIME ON: 0905
TIME OFF: 1510

Company L.D. DRLG — Lease & Well No. SIEFKES #5-27
Contractor PETROMARK RIG 2 — Charge to L.D. DRLG
Elevation 1845 KB — Formation ARBUCKLE — Effective Pay ____ Ft. — Ticket No. M255
Date 12/16/2011 — Sec. 27 — Twp. 21 S — Range 12 W — County STAFFORD — State KANSAS
Test Approved By JOSH AUSTIN — Diamond Representative MIKE COCHRAN

Formation Test No. 5 — Interval Tested from 3617 ft. to 3629 ft. — Total Depth 3629 ft.
Packer Depth 3612 ft. — Size 6 3/4 in. — Packer depth NA ft. — Size 6 3/4 in.
Packer Depth 3617 ft. — Size 6 3/4 in. — Packer depth NA ft. — Size 6 3/4 in.
Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 3606 ft. — Recorder Number E1150 — Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3626 ft. — Recorder Number 11029 — Cap. 5,025 P.S.I.
Below Straddle Recorder Depth ____ ft. — Recorder Number ____ — Cap. ____ P.S.I.

Mud Type CHEM — Viscosity 65 — Drill Collar Length 120 ft. — I.D. 2 1/4 in.
Weight 9.1 — Water Loss 10.6 cc. — Weight Pipe Length 0 ft. — I.D. 2 7/8 in
Chlorides 14,000 P.P.M. — Drill Pipe Length 3472 ft. — I.D. 3 1/2 in
Jars: Make STERLING — Serial Number N/A — Test Tool Length 25 ft. — Tool Size 3 1/2-IF in
Did Well Flow? NO — Reversed Out NO — Anchor Length 12 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: GSB, BOB 40 SEC. (2" BB)
2nd Open: GSB, BOB 9 MIN (LOOSE HEAD) (4"BB)

Recovered 1005 ft. of GIP
Recovered 225 ft. of CO 100% OIL GRAVITY: 37.2 @ 60°
Recovered 140 ft. of GMCWO 10% GAS, 60% OIL, 21% WTR, 9% MUD
Recovered 10 ft. of GSOCMW 44% GAS, 8% OIL, 36% WTR, 12% MUD
Recovered 375 ft. of TOTAL FLUID
Recovered ____ ft. of CHLOR: 18,000 PPM
Remarks: PH:7.0
RW: .50 @ 50°
TOOL SAMPLE: 3% GAS, 59% OIL, 31% WTR, 7% MUD

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 10:45 A.M. A.M. P.M. — Time Started Off Bottom 12:45 P.M. A.M. P.M. — Maximum Temperature 105

Initial Hydrostatic Pressure ..... (A) 1700 P.S.I.
Initial Flow Period ..... Minutes 30 (B) 40 P.S.I. to (C) 88 P.S.I.
Initial Closed In Period ..... Minutes 30 (D) 552 P.S.I.
Final Flow Period ..... Minutes 30 (E) 97 P.S.I. to (F) 123 P.S.I.
Final Closed In Period ..... Minutes 30 (G) 515 P.S.I.
Final Hydrostatic Pressure ..... (H) 1664 P.S.I.