

Confidentiality Requested:

☐ Yes ☒ NoKANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1209214

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be FilledWELL 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: JIM MUSGROVE

Purchaser:

Designate Type of Completion:

- ☒ New Well ☐ Re-Entry ☐ Workover
- ☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☒ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM (Coal Bed Methane)
☐ Cathodic ☐ Other (Core, Expl., etc.):

If Workover/Re-entry: Old Well Info as follows:

Operator:

Well Name:

Original Comp. Date: Original Total Depth:

- ☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

- ☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

04/09/2014 04/17/2014 04/17/2014
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No. 15 - 15-009-25963-00-00

Spot Description:

NW_NW_SE_SW Sec. 22 Twp. 19 S. R. 14 ☐ East ☒ West
 1303 Feet from ☐ North / ☒ South Line of Section
 1380 Feet from ☐ East / ☒ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☐ SWGPS Location: Lat: , Long:
 (e.g. xx.xxxxx) (e.g. -xxx.xxxxx)Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Barton

Lease Name: STOSKOPF Well #: 1-22

Field Name: GREAT BEND SHALLOW GAS

Producing Formation: NA

Elevation: Ground: 1888 Kelly Bushing: 1892

Total Vertical Depth: 3561 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 807 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: 8000 ppm Fluid volume: 160 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: L. D. DRILLING, INC.

Lease Name: MERMIS #2 License #: 6039

Quarter SE Sec. 22 Twp. 19 S. R. 14 ☐ East ☒ 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

☐ Confidentiality Requested

Date:

☐ Confidential Release Date:☐ Wireline Log Received☒ Geologist Report Received☐ UIC DistributionALT ☒ I ☐ II ☐ III Approved by: Deanna Garrison Date: 06/09/2014

1209214

Operator Name: L. D. Drilling, Inc. Lease Name: STOSKOPF Well #: 1-22
 Sec. 22 Twp. 19 S. R. 14 ☐ East ☒ West County: Barton

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

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

Drill Stem Tests Taken (Attach Additional Sheets)	☒ Yes ☐ No	☐ Log	Formation (Top), Depth and Datum	☒ Sample
Samples Sent to Geological Survey	☒ Yes ☐ No	Name Attached	Top Attached	Datum Attached
Cores Taken	☐ Yes ☒ No			
Electric Log Run	☐ Yes ☒ No			
List All E. Logs Run:				

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
SURFACE	12.25	8.625	23	807	A-CONN	200	3%CC,1/4#Cellflake
SURFACE - CONT	12.25	8.625	23	807	COMMON	175	2%CC,1/4#CF

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	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☒ No (If No, skip questions 2 and 3)
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No (If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>		Depth
TUBING RECORD: Size: Set At: Packer At:			Liner Run: ☐ Yes ☐ No		
Date of First, Resumed Production, SWD or ENHR.		Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other <i>(Explain)</i> _____			
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: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	STOSKOPF 1-22
Doc ID	1209214

Tops

Name	Top	Datum
HERINGTON	172	+172
KRIDER	1741	+151
WINFIELD	1770	+122
TOWANDA	1851	+41
WREFORD	2035	-143
COUNCIL GROVE	2054	-162
NEVA	2226	-334
RED EAGLE	2292	-400
FORAKA	2331	-439
GRAND HAVEN	2500	-608
TARKIO LIME	2595	-703
ELMONT	2651	-759
TOPEKA	2788	-896
HEEBNER	3123	-1231
TORONTO	3141	-1249
DOUGLAS	3156	-1264
BROWN LIME	3214	-1322
LANSING	3227	-1335
BASE KANSAS CITY	3445	-1553
CONGLOMERATE	3458	-1566

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 10196 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>4/10/2014</u> DISTRICT <u>Prgatt, KS</u>				NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:			
CUSTOMER <u>LD Drilling, Inc</u>				LEASE <u>Stoskopf</u> WELL NO. <u>1-2</u>			
ADDRESS				COUNTY <u>Barton</u> STATE <u>Ks</u>			
CITY				SERVICE CREW <u>Darin, Mike McGraw, Cole</u>			
STATE				JOB TYPE: <u>CNW/Surface</u>			
AUTHORIZED BY							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE <u>4/10</u> AM ☒ PM ☐ TIME <u>3:30</u>
<u>27283</u>	<u>1</u>					ARRIVED AT JOB	<u>4/10</u> AM ☒ PM ☐ <u>6:00</u>
<u>77686</u>	<u>1</u>					START OPERATION	<u>4/10</u> AM ☒ PM ☐ <u>8:30</u>
<u>19905</u>	<u>1</u>					FINISH OPERATION	<u>4/10</u> AM ☒ PM ☐ <u>9:30</u>
<u>19831</u>	<u>1</u>					RELEASED	<u>4/10</u> AM ☒ PM ☐ <u>10:30</u>
<u>19862</u>	<u>1</u>					MILES FROM STATION TO WELL	<u>38</u>

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)

[illegible]

SUB TOTAL

DLS	10.032	68
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CHEMICAL / ACID DATA:			

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

TOTAL

SERVICE REPRESENTATIVE <i>Darin Eberhart</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Michael Davis</i>
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FIELD SERVICE ORDER NO.

Customer LD Drilling, Inc.	Lease No.	Date 4/10/2014
Lease Stoskopf	Well # 1-22	
Field Order # 10196	Station Pratt, KS	Casing 8 5/8 Depth 810' County Barton State KS
Type Job CNW/Surface	Formation TD-807	Legal Description 22-19-14

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
8 5/8							
Depth	Depth	From	To	Pre Pad	Max		5 Min.
810							
Volume	Volume	From	To	Pad	Min		10 Min.
50							
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
790				Water			

Customer Representative **Shyla** Station Manager **Kevin Gorker** Treater **Darin Franklin**

Service Units	77283	77686	19905	19831	19862				
Driver Names	Darin	Mike	Mike	Cole	Cole				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
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6:30 AM on location / safety meeting

Run 20 joints 8 5/8 casing

LT - 50 ft 810'

8:30 Pump 3 bbls water 18 psi, 19.45 wcp, 2.47 yd

Pump 20000 A-Con Blend common, 3% CC

2% C-45, 2% Gypsum, .75# Cellulose

Pump 17500 common common, 2% CC

.25# Cellulose, 15.6 psi, 3.23 wcp

1.20 slurry yield

Shut Down / Release plug

9:30 Displace 50 bbls water, shut in

circulation 15 bbls common to pit

Job complete / Derin & crew

Thank you!!!



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

1718 10222 A

DATE TICKET NO.

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)

SUB TOTAL	4099,21
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SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			

FIELD SERVICE ORDER NO.



Customer LO Drilling inc		Lease No.		Date 4-17-14	
Lease STOSKOPF		Well # 1-22			
Field Order # 10222	Station Pratt	Casing —	Depth 814	County Barton	State MS
Type Job CNW Plug to ABANDON			Formation	Legal Description 22-19-14	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid 150 sacks 60/40 RT	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	L.D.	Station Manager	Kevin GORDON	Treater	MIKE MATTA
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Service Units	37586		27467		19960	21010				
Driver Names	MOTRI		JIAW		C O B B					

Time PM	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:05					ON Location / Safety Meeting Plug #1 @ 814'
2:24		200	15	5	Pump 15 Bbl H ₂ O
2:27		200	7	5	Mix 25 SKS 60/40 POZ
2:30		200	5	5	Pump 5 Bbl Displacement
2:32			—		Pull Drill Pipe
			—		Plug #2 @ 363'
2:47		200	7	5	Pump 7 Bbl H ₂ O
2:49		200	25	5	Mix 85 SKS 60/40 POZ
2:54		200	3	5	Pump 3 Bbl Displacement, CMT TO SURF
2:59			—		Pull Drill Pipe
			—		Plug #3 @ 40'
3:15		100	3	5	Mix 10 SKS 60/40 POZ
					CMT TO SUICIDE
			7		Plug RAT hole
					JOB COMPLETE!
					THANK YOU!
					MIKE MATTAI

Job complete!
Thank You!
Mike MATHIAS

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: STOSKOPF 1-22

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S22/19S/14W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: DST #1 CONVENTIONAL

Job Number: J3218

Test Unit:

Start Date: 2014/04/11

Start Time: 19:00:00

End Date: 2014/04/12

End Time: 01:00:00

Report Date: 2014/04/12

Prepared By: JOHN RIEDL

Remarks:

Qualified By: JIM MUSGROVE

RECOVERY: 900' SLIGHTLY GAS CUT DRILLING MUD.



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STC/Stoskopf1-22dst1

TIME ON: 19:00 4/11/2014
TIME OFF: 01:00:00 4/12/2014

Company L D DRILLING INC Lease & Well No. STOSKOPF 1-22
Contractor PETROMARK DRLG RIG #2 Charge to L D DRILLING INC
Elevation 1893 K.B Formation CHASE Effective Pay _____ Ft. Ticket No. J3218
Date 4/11/14 Sec. 22 Twp. _____ 19 S Range _____ 14 W County BARTON State KANSAS
Test Approved By JIM MUSGROVE Diamond Representative JOHN RIEDL

Formation Test No. 1 Interval Tested from 1686 ft. to 1800 ft. Total Depth 1800 ft.
Packer Depth 1681 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 1686 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 1689 ft. Recorder Number 30046 Cap. 6000 P.S.I.
Bottom Recorder Depth (Outside) 1797 ft. Recorder Number _____ Cap. 4000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,000 P.P.M. Drill Pipe Length 1546 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #1 Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 114 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. TAILPIPE 93'
Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: STRONG (B.O.B 2 MIN.) STRONG BB
2nd Open: STRONG (B.O.B 3 MIN) STRONG BB

Recovered 900 ft. of SLGCM (10%GAS 90%MUD)

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID REC:900' (780' IN DRILL PIPE,120' IN DRILL COLLARS)
TOOLSAMPLE GRINDOUT: (100%)) LOST PACKER FOR 5 MINUTES DURING 1ST FLOW
NO GAS WAS EVER SMELLED BUT SAMPLE WAS TAKEN

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 8:35 P.M A.M. P.M. Time Started Off Bottom 11:05 P.M A.M. P.M. Maximum Temperature 78

Initial Hydrostatic Pressure..... (A) 769 P.S.I.

Initial Flow Period..... Minutes 30 (B) 43 P.S.I. to (C) 246 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 450 P.S.I.

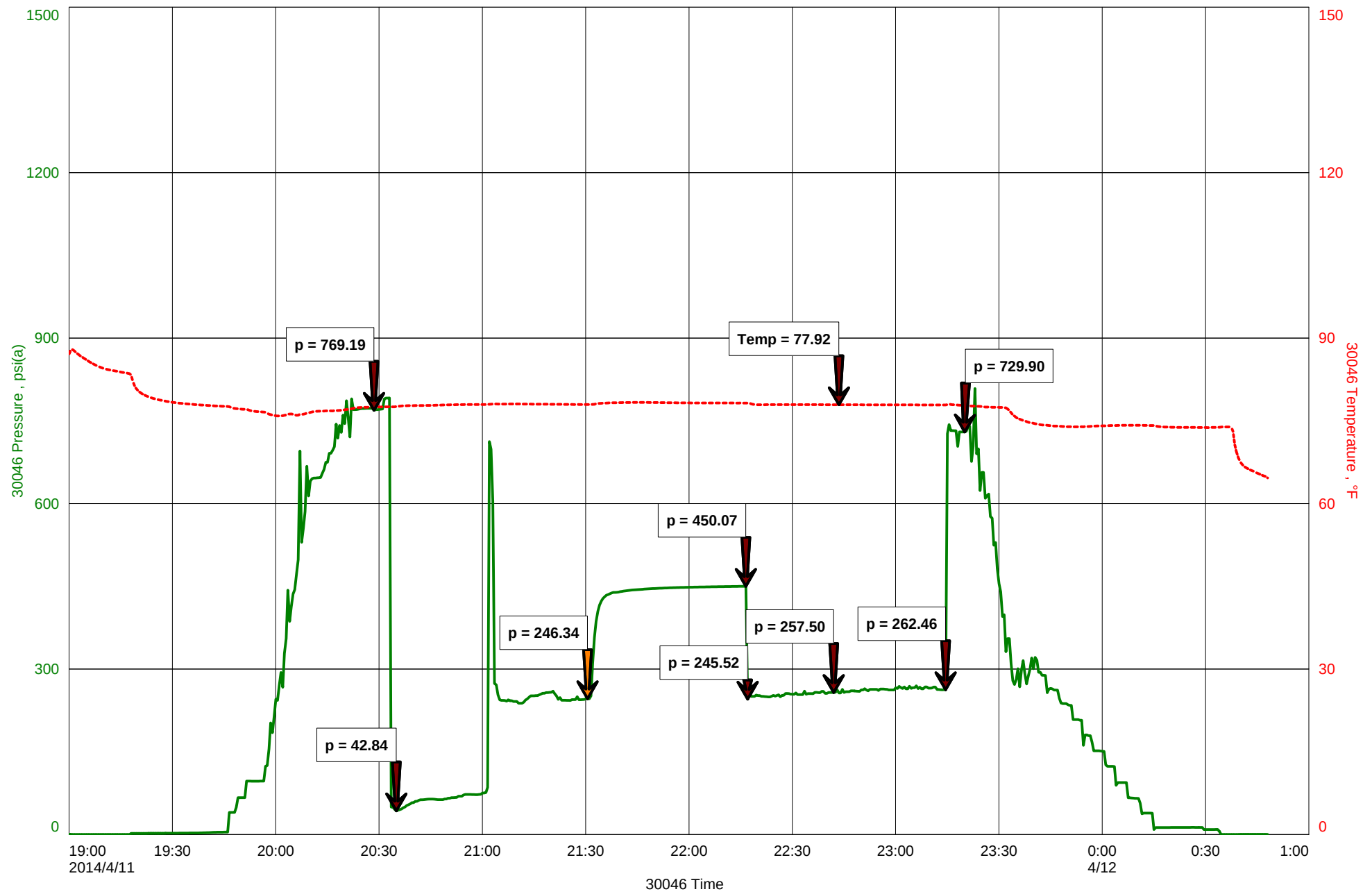
Final Flow Period..... Minutes 45 (E) 245 P.S.I. to (F) 257 P.S.I.

Final Closed In Period..... Minutes 45 (G) 262 P.S.I.

Final Hydrostatic Pressure..... (H) 730 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.

STOSKOPF 1-22



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: STOSKOPF 1-22

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S22/19S/14W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: DST #2 CONVENTIONAL Job Number: J3219

Test Unit:

Start Date: 2014/04/13 Start Time: 00:01:00

End Date: 2014/04/13 End Time: 05:40:00

Report Date: 2014/04/13 Prepared By: JOHN RIEDL

Qualified By: JIM MUSGROVE

Remarks:

RECOVERY: 150' DRILLING MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STC/Stoskopf1-22dst2

TIME ON: 00:01 4/13/2014
TIME OFF: 06:50:00 4/13/2014

Company L D DRILLING INC Lease & Well No. STOSKOPF 1-22
Contractor PETROMARK DRLG RIG #2 Charge to L D DRILLING INC
Elevation 1893 K.B Formation RED EAGLE Effective Pay _____ Ft. Ticket No. J3219
Date 4/14/14 Sec. 22 Twp. 19 S Range 14 W County BARTON State KANSAS
Test Approved By JIM MUSGROVE Diamond Representative JOHN RIEDL

Formation Test No. 2 Interval Tested from 2181 ft. to 2325 ft. Total Depth 2325 ft.
Packer Depth 2176 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 2181 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2184 ft. Recorder Number 30046 Cap. 6000 P.S.I.
Bottom Recorder Depth (Outside) 2322 ft. Recorder Number 13498 Cap. 4000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 54 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 8,000 P.P.M. Drill Pipe Length 2035 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #1 Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 144 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. D.P 125' Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: STRONG (B.O.B 20 MIN.) WK BB
2nd Open: STRONG (B.O.B 25 MIN.) WK BB

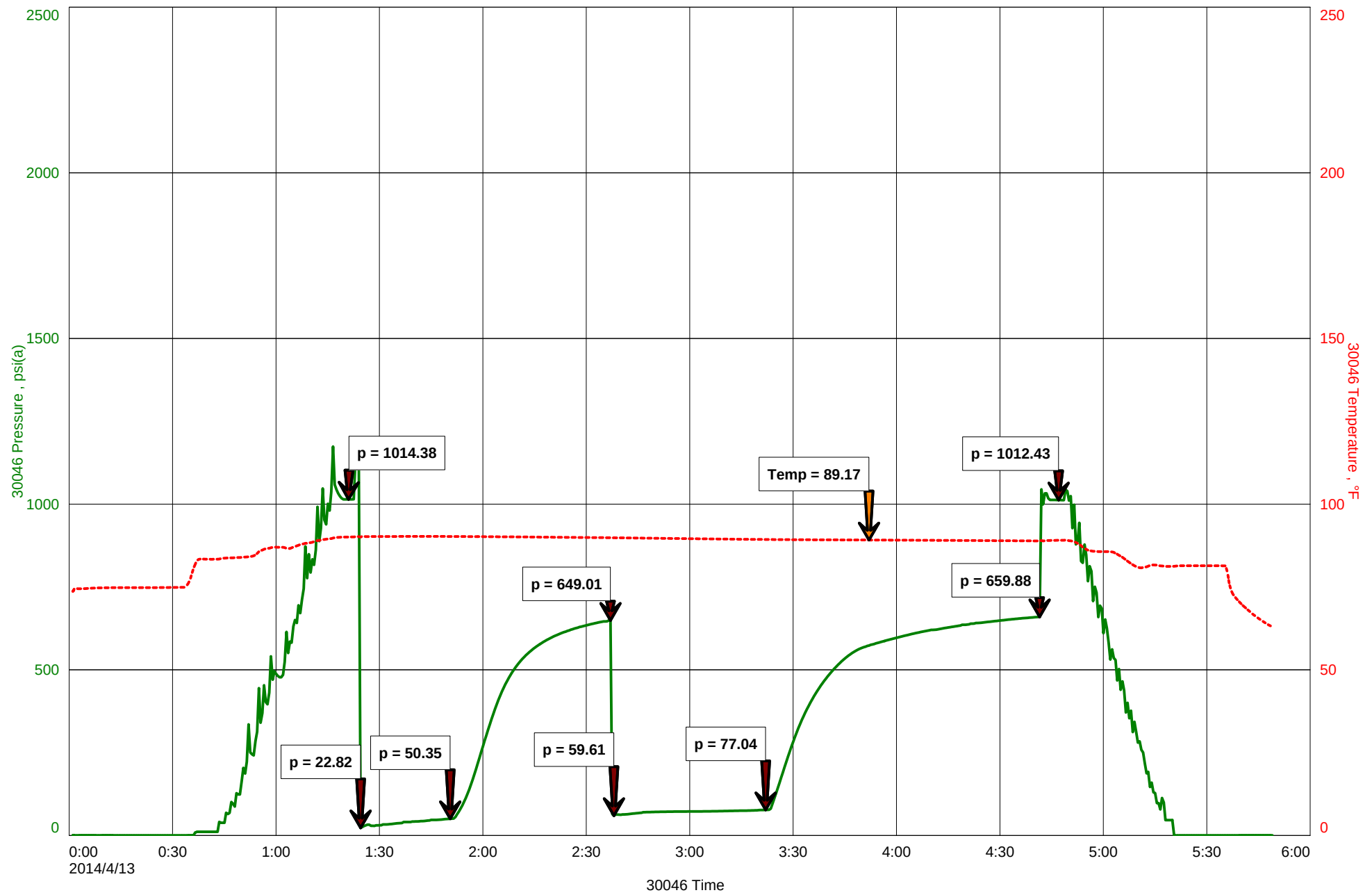
Recovered 150 ft. of DRILLING MUD WITH
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: TOTAL FLUID REC: 150' (30' IN DRILL PIPE,120' IN DRILL COLLARS)
TOOLSAMPLE GRINDOUT: (100%)

Price Job
Other Charges
Insurance
Total

Time Set Packer(s) 1:20 A.M A.M. P.M. Time Started Off Bottom 4:20 A.M A.M. P.M. Maximum Temperature 89
Initial Hydrostatic Pressure..... (A) 1014 P.S.I.
Initial Flow Period..... Minutes 30 (B) 23 P.S.I. to (C) 50 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 649 P.S.I.
Final Flow Period..... Minutes 45 (E) 60 P.S.I. to (F) 77 P.S.I.
Final Closed In Period..... Minutes 60 (G) 660 P.S.I.
Final Hydrostatic Pressure..... (H) 1012 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.

STOSKOPF 1-22



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: STOSKOPF 1-22

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S22/19S/14W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: DST #3 CONVENTIONAL

Job Number: J3220

Test Unit:

Start Date: 2014/04/15

Start Time: 03:30:00

End Date: 2014/04/15

End Time: 09:00:00

Report Date: 2014/04/15

Prepared By: JOHN RIEDL

Remarks:

Qualified By: JIM MUSGROVE

RECOVERY: 10' DRILLING MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STC/Stoskopf1-22dst3

TIME ON: 03:30 4/15/2014
TIME OFF: 09:00:00 4/15/2014

Company L D DRILLING INC Lease & Well No. STOSKOPF 1-22
Contractor PETROMARK DRLG RIG #2 Charge to L D DRILLING INC
Elevation 1893 K.B Formation LANS A+B Effective Pay _____ Ft. Ticket No. J3220
Date 4/15/14 Sec. 22 Twp. 19 S Range 14 W County BARTON State KANSAS
Test Approved By JIM MUSGROVE Diamond Representative JOHN RIEDL

Formation Test No. 3 Interval Tested from 3217 ft. to 3258 ft. Total Depth 3258 ft.
Packer Depth 3212 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3217 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3220 ft. Recorder Number 30046 Cap. 6000 P.S.I.
Bottom Recorder Depth (Outside) 3255 ft. Recorder Number 13498 Cap. 4000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 12.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 12,000 P.P.M. Drill Pipe Length 3075 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number NOT REQUESTED Test Tool Length 22 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 41 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. D.P. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/2" DEAD IN 28 MIN.

2nd Open: NO BLOW: FLUSHED TOOL AND RECEIVED WEAK SURGE

Recovered 10 ft. of DRILLING MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID REC:10' (10' IN DRILL COLLARS)

TOOLSAMPLE GRINDOUT: (100% MUD)

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 5:15 A.M A.M. P.M. Time Started Off Bottom 7:15 AM A.M. P.M. Maximum Temperature 95

Initial Hydrostatic Pressure..... (A) 1519 P.S.I.

Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 17 P.S.I.

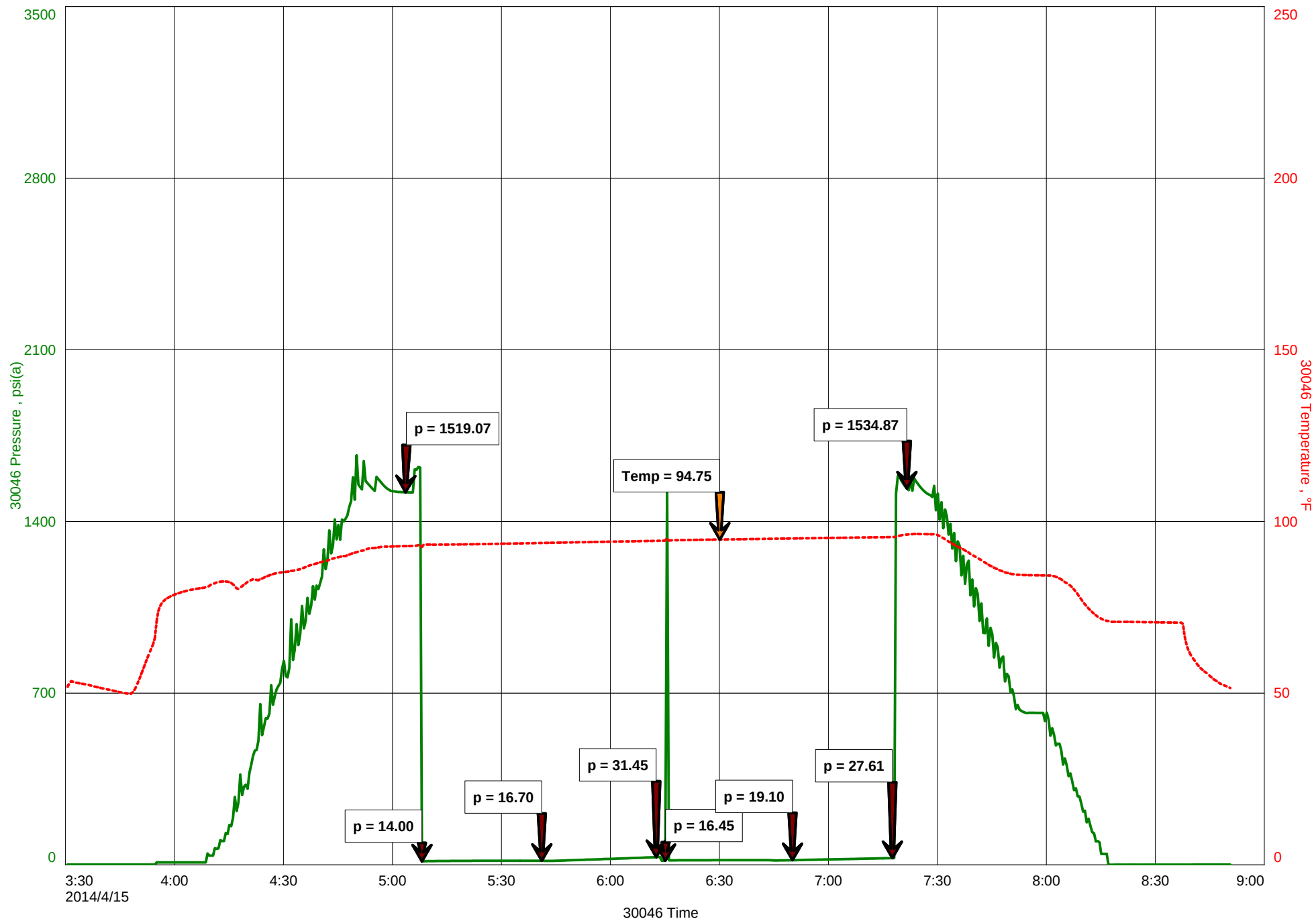
Initial Closed In Period..... Minutes 30 (D) 31 P.S.I.

Final Flow Period..... Minutes 30 (E) 16 P.S.I. to (F) 19 P.S.I.

Final Closed In Period..... Minutes 30 (G) 28 P.S.I.

Final Hydrostatic Pressure..... (H) 1534 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.



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: STOSKOPF 1-22

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S22/19S/14W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: DST#4 CONVENTIONAL Job Number: J3221

Test Unit:

Start Date: 2014/04/15 Start Time: 18:40:00

End Date: 2014/04/15 End Time: 23:40:00

Report Date: 2014/04/15 Prepared By: JOHN RIEDL

Qualified By: JIM MUSGROVE

Remarks:

RECOVERY: 5' DRILLING MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STC/Stoskopf1-22dst4

TIME ON: 18:45 4/15/2014
TIME OFF: 23:50:00 4/15/2014

Company L D DRILLING INC Lease & Well No. STOSKOPF 1-22
Contractor PETROMARK DRLG RIG #2 Charge to L D DRILLING INC
Elevation 1893 K.B Formation LANS "F" Effective Pay _____ Ft. Ticket No. J3221
Date 4/15/14 Sec. 22 Twp. 19 S Range 14 W County BARTON State KANSAS
Test Approved By JIM MUSGROVE Diamond Representative JOHN RIEDL

Formation Test No. 4 Interval Tested from 3250 ft. to 3308 ft. Total Depth 3308 ft.

Packer Depth 3245 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 3250 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3253 ft. Recorder Number 30046 Cap. 6000 P.S.I.

Bottom Recorder Depth (Outside) 3305 ft. Recorder Number 13498 Cap. 4000 P.S.I.

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

Mud Type CHEMICAL Viscosity 51 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 9.3 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 7,000 P.P.M. Drill Pipe Length 3108 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number NOT REQUESTED Test Tool Length 22 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 58 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. D.P 31' Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/4" DEAD IN 10 MIN.

2nd Open: NO BLOW

Recovered 5 ft. of DRILLING MUD WITH A FEW OILSPKS

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID REC: 5' (5' IN DRILL COLLARS)

TOOLSAMPLE GRINDOUT: (100% MUD)

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 8:10 P.M A.M. P.M. Time Started Off Bottom 10:10 P.M A.M. P.M. Maximum Temperature 94

Initial Hydrostatic Pressure..... (A) 1557 P.S.I.

Initial Flow Period..... Minutes 30 (B) 16 P.S.I. to (C) 20 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 49 P.S.I.

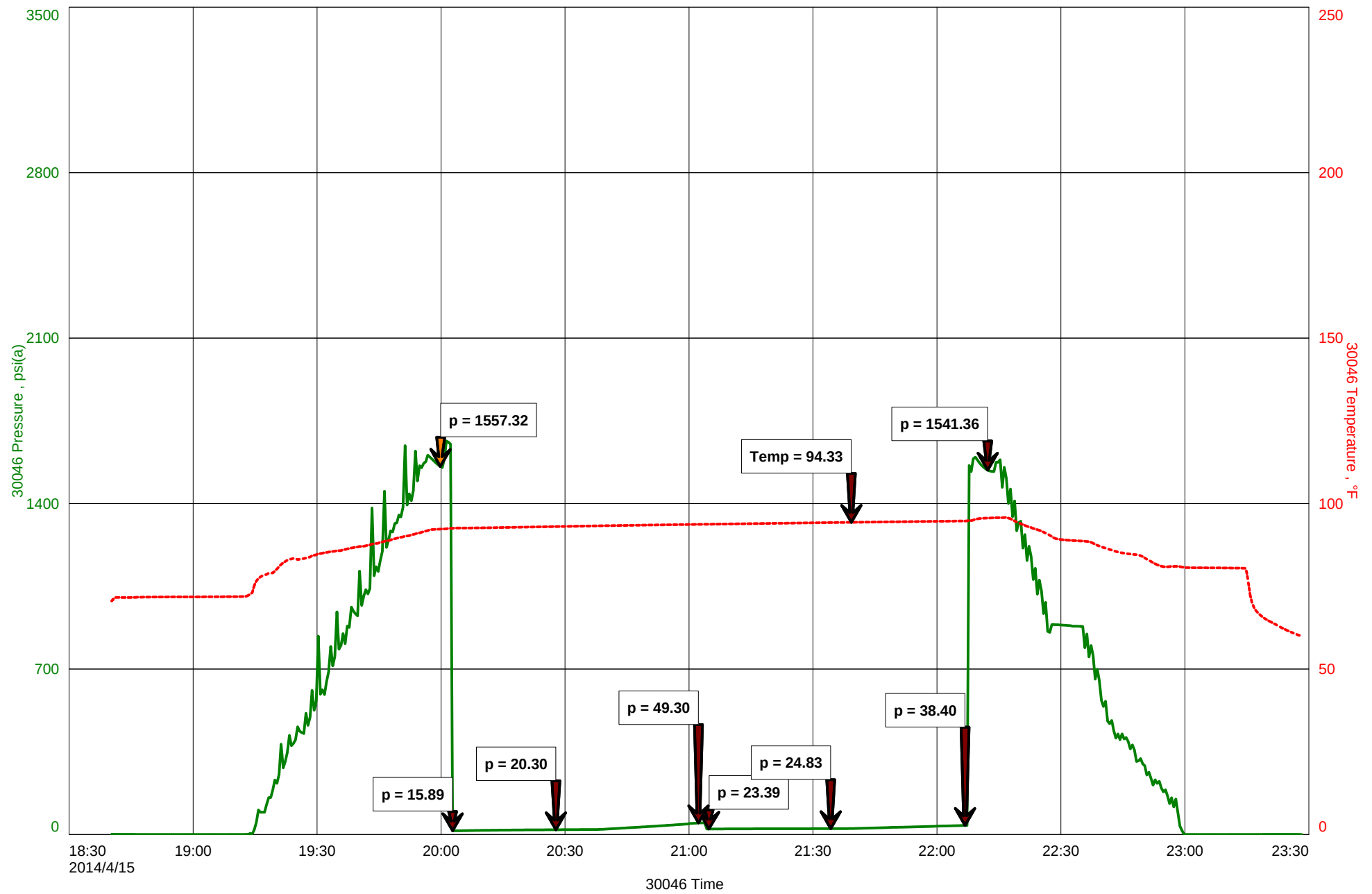
Final Flow Period..... Minutes 30 (E) 23 P.S.I. to (F) 25 P.S.I.

Final Closed In Period..... Minutes 30 (G) 38 P.S.I.

Final Hydrostatic Pressure..... (H) 1541 P.S.I.

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STOSKOPF 1-22



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: STOSKOPF 1-22

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S22/19S/14W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: DST #5 CONVENTIONAL

Job Number: J3222

Test Unit:

Start Date: 2014/04/16

Start Time: 13:30:00

End Date: 2014/04/16

End Time: 18:00:00

Report Date: 2014/04/16

Prepared By: JOHN RIEDL

Remarks:

Qualified By: JIM MUSGROVE

RECOVERY: 65' DRILLING MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STC/Stoskopf1-22dst5

TIME ON: 13:30 4/16/2014
TIME OFF: 18:00:00 4/16/2014

Company L D DRILLING INC Lease & Well No. STOSKOPF 1-22
Contractor PETROMARK DRLG RIG #2 Charge to L D DRILLING INC
Elevation 1893 K.B Formation LANS "H,I,J" Effective Pay _____ Ft. Ticket No. J3222
Date 4/16/14 Sec. 22 Twp. 19 S Range 14 W County BARTON State KANSAS
Test Approved By JIM MUSGROVE Diamond Representative JOHN RIEDL

Formation Test No. 5 Interval Tested from 3345 ft. to 3420 ft. Total Depth 3420 ft.
Packer Depth 3340 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3345 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3348 ft. Recorder Number 30046 Cap. 6000 P.S.I.
Bottom Recorder Depth (Outside) 3417 ft. Recorder Number 13498 Cap. 4000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 9 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 8,000 P.P.M. Drill Pipe Length 3203 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number NOT REQUESTED Test Tool Length 22 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 78 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. D.P 62'
Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1"
2nd Open: WEAK DEAD 10 MINUTES

Recovered 65 ft. of DRILLING MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID REC: 65' (65' IN DRILL COLLARS)

TOOLSAMPLE GRINDOUT: (100% MUD)

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 2:40 P.M A.M. P.M. Time Started Off Bottom 4:40 P.M A.M. P.M. Maximum Temperature 96

Initial Hydrostatic Pressure..... (A) 1684 P.S.I.

Initial Flow Period..... Minutes 30 (B) 23 P.S.I. to (C) 33 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 502 P.S.I.

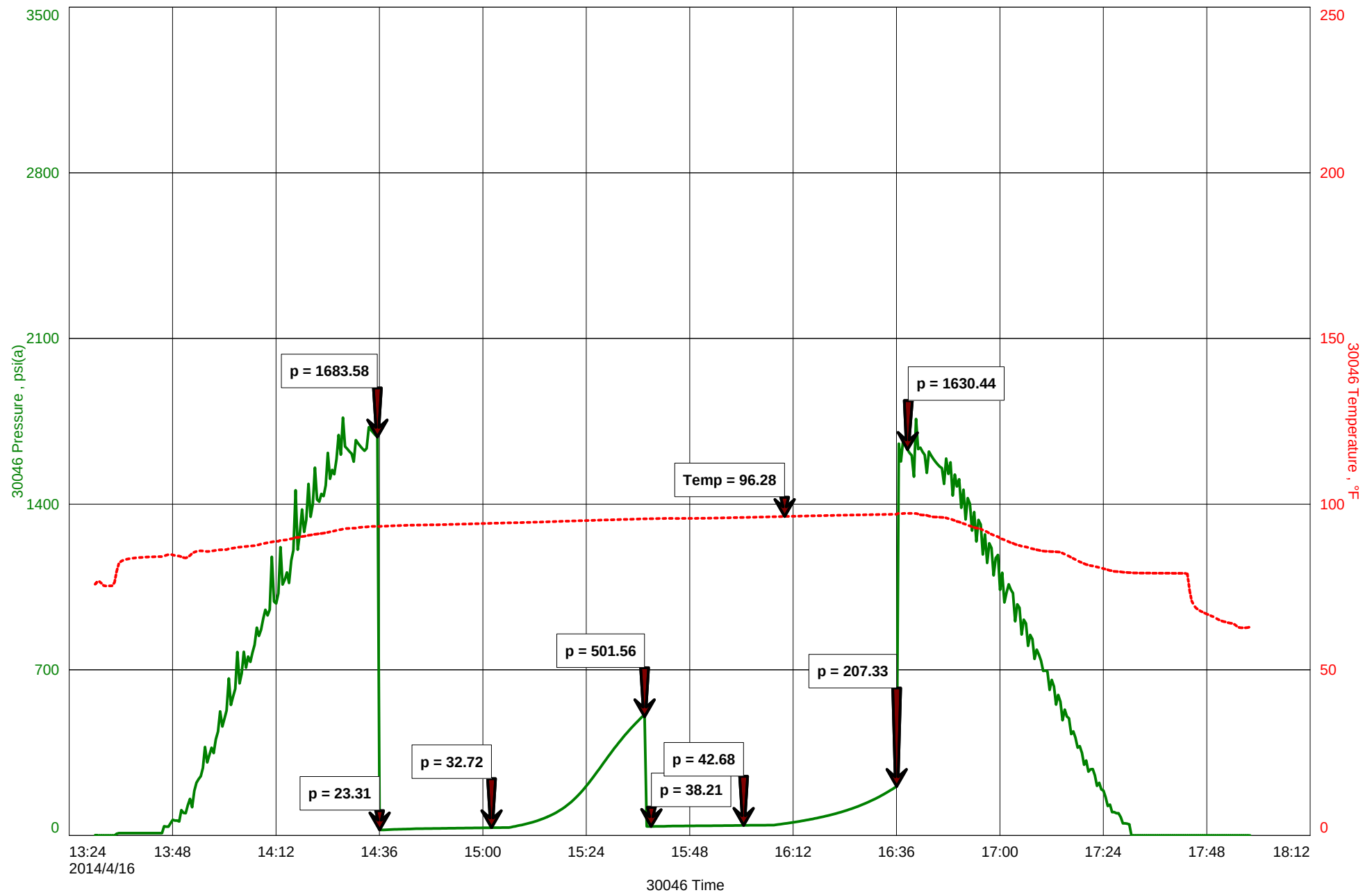
Final Flow Period..... Minutes 30 (E) 38 P.S.I. to (F) 43 P.S.I.

Final Closed In Period..... Minutes 30 (G) 207 P.S.I.

Final Hydrostatic Pressure..... (H) 1630 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.

STOSKOPF 1-22





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 Stoskopf #1-22
FIELD Great Bend Shallow Gas
LOCATION NW-NW-SE-SW (1303' PSL, 1300' FAL)
SEC 22 TWP 19S RGE 14W
COUNTY Barton STATE Kansas
CONTRACTOR Petromark Drilling Co. (rig #2)
SPUD 4/8/2014 COMP 4/17/2014
RTD 3561 LTD - No Log -
MUD UP 1800' TYPE MUD chemical displaced

ELEVATIONS
KB 1892
DF
GI 1887
Measurements Are All From -KB-

CASING
SURFACE 8 5/8" x 807'
PRODUCTION - none -
ELECTRICAL SURVEYS
NONE

SAMPLES SAVED FROM 1780 TO
DRILLING TIME KEPT FROM 1600 TO
SAMPLES EXAMINED FROM 1780 TO
GEOLOGICAL SUPERVISION FROM 1780 TO
GEOLOGIST ON WELL Jim Musgrove

FORMATION TOPS			SAMPLES	
Herington	1720	+172	Elm	2651 - 759
Krieger	1741	+151	Topeka	2788 - 896
Winfield	1770	+122	Heebner	3123 - 1231
Towanda	1851	+41	Toronto	3141 - 1249
Wrexford	2035	-143	Douglas	3156 - 1264
Council Grove	2054	-162	Brown lime	3214 - 1322
Neva	2226	-334	Hansing	3227 - 1335
Red Eagle	2292	-400	Base Kansas City	3445 - 1553
Foreka	2331	-439	Conglomerate	3458 - 1566
Grand Haven	2500	-608	RTD	3561 - 1669
Tarkio lime	2595	-703		



The LD Drilling Inc. Stoskopf #1-22, was plugged,
& abandoned at the RTD 3561

Respectfully Submitted,
James C. Musgrove
Petroleum Geologist

REMARKS

