



KANSAS CORPORATION COMMISSION 1053467
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 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: KIM SHOEMAKER
Purchaser: M V PURCHASING

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 #: _____
01/22/2011 01/28/2011 02/17/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-185-23659-00-00
Spot Description: _____
NW NW SE NW Sec. 23 Twp. 21 S. R. 12 East West
1,553 Feet from North / South Line of Section
1,393 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Stafford
Lease Name: MAXWELL Well #: 3-23
Field Name: SAUNDRA
Producing Formation: ARBUCKLE
Elevation: Ground: 1841 Kelly Bushing: 1846
Total Depth: 3712 Plug Back Total Depth: 3644
Amount of Surface Pipe Set and Cemented at: 345 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: 720 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: L. D. DRILLING, INC.
Lease Name: DAVIS RANCH OWWD License #: 6039
Quarter NW Sec. 14 Twp. 21 S. R. 12 East West
County: STAFFORD Permit #: D30736

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: Deanna Garrison Date: 02/22/2011



1053467

Operator Name: L. D. Drilling, Inc. Lease Name: MAXWELL Well #: 3-23
 Sec. 23 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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
DUAL COMPENSATED POROSITY LOG DUAL INDUCTION LOG MICRORESISTIVITY LOG				

CASING RECORD <input checked="" 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
SURFACE	12.25	8.625	24	345	A-CON	175	
SURFACE - CONT	12.25	8.625	24	345	COMMON	200	2%Gel, 3%CC, 1/4#CF
PRODUCTION	7.875	4.5	14	3711	60/40 POZMIX	180	18%Salt, 1/2%CFR, 1/4#CF

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
4	3632 - 3636'	500 gal 28% NE HCL Acid	
4	3576 - 3584'; 3600 - 3606	1500 gal 28% NE FE HCL Acid	

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>3641</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>02/19/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	MAXWELL 3-23
Doc ID	1053467

Tops

Name	Top	Depth
ANHYDRITE	622	+1223
TOPEKA	2811	-966
HEEBNER	3098	-1253
BROWN LIME	3232	-1387
LANSING	3242	-1397
BASE KANSAS CITY	3469	-1624
VIOLA	3489	-1644
SIMPSON	3509	-1664
ARBUCKLE	3570	-1725



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 03504 A

DATE _____ TICKET NO. ---

DATE OF JOB <u>1-22-11</u>	DISTRICT <u>PRATT, KS.</u>	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 <u>LD DRILLING, INC.</u>		LEASE <u>MAXWELL</u>		WELL NO. <u>3-2.3</u>					
ADDRESS _____		COUNTY <u>STAFFORD</u>		STATE <u>KS.</u>					
CITY _____		STATE _____		SERVICE CREW <u>GORDLEY, LESLEY, HUNTER</u>					
AUTHORIZED BY _____		JOB TYPE: <u>CNW - 8 5/8" S.P.</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	ARR	TIME
<u>19907</u>							<u>1-22-11</u>	PM	<u>1230</u>
<u>19903/19905</u>	<u>1/2</u>					ARRIVED AT JOB		PM	<u>2030</u>
<u>19836/19860</u>	<u>1/2</u>					START OPERATION		AM	<u>2230</u>
						FINISH OPERATION		AM	<u>2359</u>
						RELEASED	<u>1-23</u>	AM	<u>0030</u>
						MILES FROM STATION TO WELL			<u>45</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)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-COM BLEND	SK	175		3,150.00
CP 100	COMMON	SK	200		3,200.00
CC 102	CELL-FLAKE	lb	94		347.80
CC 109	CALCIUM CHLORIDE	lb	1059		1,111.74
CC 200	CEMENT GEL	lb	376		94.00
CF 153	WOODEN CONT. PLUG, 8 5/8"	EA	1		160.00
F 1002	PICKUP MILEAGE	MILE	45		191.25
F 101	HEAVY EQUIPMENT MILEAGE	MILE	90		630.00
F 113	BULK DELIVERY	TM	794		1,270.80
CF 200	DEPTH CHARGE; D-500'	HR	1-4		1,000.00
CF 240	BLENDING SERVICE	SK	375		525.00
CF 504	PLUG CONTAINER CHRG.	JOB	1		250.00
S 003	SERVICE SUPERVISOR	EA	1		175.00

SUB TOTAL 8,474.06

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

CHEMICAL / ACID DATA:			

SERVICE REPRESENTATIVE <u>H. GORDLEY</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u>
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(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer L.D. DRILLING, INC.	Lease No.	Date 1-22-2011
Lease MAXWELL	Well # 3-23 TD	
Field Order # 3504	Station PRATT KS.	Casing 5/8
Type Job PNW - 2, 5/8" S.P.	Depth 345'	County STAFFORD
		State KS.
	Formation	Legal Description 23-21-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
			CMT	175SK ACON				
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Rad	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. DAVIS	Station Manager D. SCOTT	Treater K. LESLEY
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Service Units	19907	19903	19905	19926	19860					
Driver Names	TORDLEY	LESLEY		HUNTER						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:30 PM					ON LOC. W/ TRUCKS - SAFETY MEETING
					RUN 2 JTS. - 2, 5/8" x 24" CSG. 330'
					CSG. OK! BOTTOM
					HOOK UP TO CSG. W/ RIG
					BREAK CIRCULATION
					SWITCH OVER TO PUMP TRUCK
11:30	200		66	6	MIX 175SK A-CON @ 12.6#/GAL
			47	6	MIX 200SK COMALON @ 15.0#/GAL
					SHUT DOWN - RELEASE PLUG
					START DISPLACEMENT
12:00 PM	200				PLUG DOWN - CLOSED IN AT HEAD
					WASH UP PUMP TRUCK
					CIRC. CMT TO PIT - 10 BBL
0030					JOB COMPLETE,
					THANKS,
					KEVIN TORDLEY



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

A

DATE _____ TICKET NO. _____

DATE OF JOB: 4/6/11	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: MAXWELL		WELL NO: 323					
ADDRESS:		COUNTY: STEPHENS		STATE: KS					
CITY:		STATE:		SERVICE CREW: KG, JIMMIE, MICHAEL					
AUTHORIZED BY:		JOB TYPE: CNW - LONG STRING							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19901		19826	1/2				2-5	AM	1:30
		19860	1/2				2-5	AM	2:00
19903	1/2						2-6	AM	2:15
19905							6	AM	6:25
							5	AM	1:30
MILES FROM STATION TO WELL									

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

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CF103	60/40 F02	SK	150		1800.00
CF103	60/40 F02	SK	30		360.00
CC102	Chemistrie	lb.	38		1410.60
CC111	SPEL	lb.	1334		667.00
CC112	CFR	lb.	65		390.00
CC201	GILSONITE	lb.	750		302.50
RF102	4 1/2" TIP RUBBER PLUG	EA	1		80.00
RF250	4 1/2" CALIBER SIDE	EA	1		225.00
RF450	4 1/2" OPEN ENDER ENDER	EA	1		200.00
TF150	4 1/2" TURBOLIZER	EA	5		415.00
PT04	CS-11 HCL	gal	1		35.00
PC151	MUD FRESH	gal	500		430.00
E100	PICKUP MILE	mile	45		191.25
E101	TRUCK MILE	mile	90		630.00
E113	BULK DELIVERY	TON	349		558.00
CF204	ROUP CHANGE	EA	1		210.00
CF240	BLENDED CHEMIE	SK	180		252.00
CF504	PLUM CONTAINER	EA	1		250.00
S003	SEWITA SUPERVISOR	EA	1		175.00
SUB TOTAL					6819.31

CHEMICAL / ACID DATA			

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

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

FIELD SERVICE ORDER NO

BASIC

energy services, L.P.

TREATMENT REPORT

Customer: LD DRILLING	Lease No.:	Date: 2-6-11
Lease: MILWELL	Well #: 3-23	
Field Order #: 19907	Station: PRATT, KS	Casing: 4 1/2
	Depth: 3711	County: STAFFORD
Type Job: ONW-CONC STRONG	Formation: TD-3712	Legal Description: 23-21-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
4 1/2								
Depth: 3711	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: 3280	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative: LD	Station Manager: SCOTT	Treater: HOWLEY
Service Units: 19907	19703-19905	19826-19866
Driver Names: KS	MATT	MICHAEL

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0000					ON LOCATED ON 2/5/11 RUN 3713' 4 1/2" CSC - 89.75' GUIDE SHOE INSERT 1 ST COLLAR CONT-1-3-5-7-9
0030					TRAP BOTTOM - DROP BIT - CEMENT SET 4 1/2" AT 3711'
0045	400		24	6	PUMP 24 bbl 2% HCL H2O
	400		12	6	PUMP 12 bbl MUD FLUSH
	400		4	6	PUMP 4 bbl H2O
	200		31	6	MIX 150 slt 60/40 PZ 18% SPT - 1/2" CFR, 1/4" # CELLFRAC, 5# DSONITE AT 15.4-209, 1.18 CFT/SEC STOP - WASH LINE - DROP PLUG
	0		0	7	START DISP.
	200		43	7	LIFT CEMENT
	600		50	3	SLOW RATE
0215	1100		58.5	3	PLUG DOWN - HELD PLUG RAT HOLE - 30SL 60/40 PZ THIS WELL DOWN 4 DAYS FOR RIC. TRAP BEFORE LONG STRA JOB COMPLETE - KEVIN
0300					

KIM B. SHOEMAKER

REGISTERED GEOLOGIST

316-884-9709 WICHITA, KS

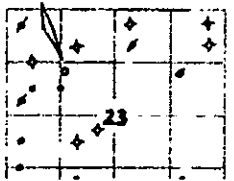
GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY	L. D. DRILLING, INC.	C. QUARTZ
LEASE	# 3-23 MAXWELL	KB 1845
FIELD	SAUNDRA	UT
LOCATION	1553' FWL & 1393' FWL	DE 1841
	23 21s 12w	1845 KB
COUNTY	STAFFORD KANSAS	CASING
	PETROMARK DRILLING RIG 2	8 5/8" @ 345'
	1-23 - 11 1-29 - 11	PRODUCED BY 1 1/2"
	3712 3709	PERFECT SERVICES
	2800 TYPE MUD CHEMICAL	DUAL IND. DORS-N, Micro

SAMPLES EXAMINED FROM	3000 TO 3712
DRILLING TIME	2800 TO 3712
SAMPLES EXAMINED FROM	3000 TO 3712
GEOLOGICAL SUPERVISION FROM	3200 TO 3712
GEOLOGIST ON WELL	KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	622+1223	624+1221
TOPEKA	2811-966	2814-969
HEEBNER	3098-1253	3100-1255
BROWNLINE	3232-1387	3234-1389
LANSING	3242-1397	3246-1401
B/KC	3469-1624	3472-1627
VIOLA	3489-1644	3497-1652
SIMPSON	3509-1664	3512-1667



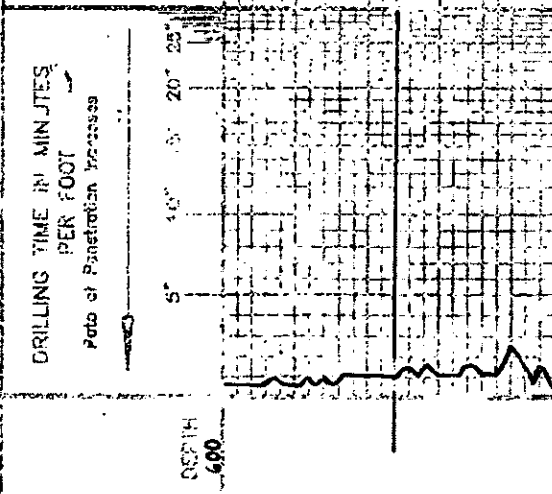
API 15-185-23659

3KS

SPUD
 2800-1979
 1845-2825
 2825-3325
 3325-3580
 3580-3608
 3608-3712

LEGEND

- Anhydrite
- Sandstone
- Shale
- Oil/Lime
- Clay
- Patch



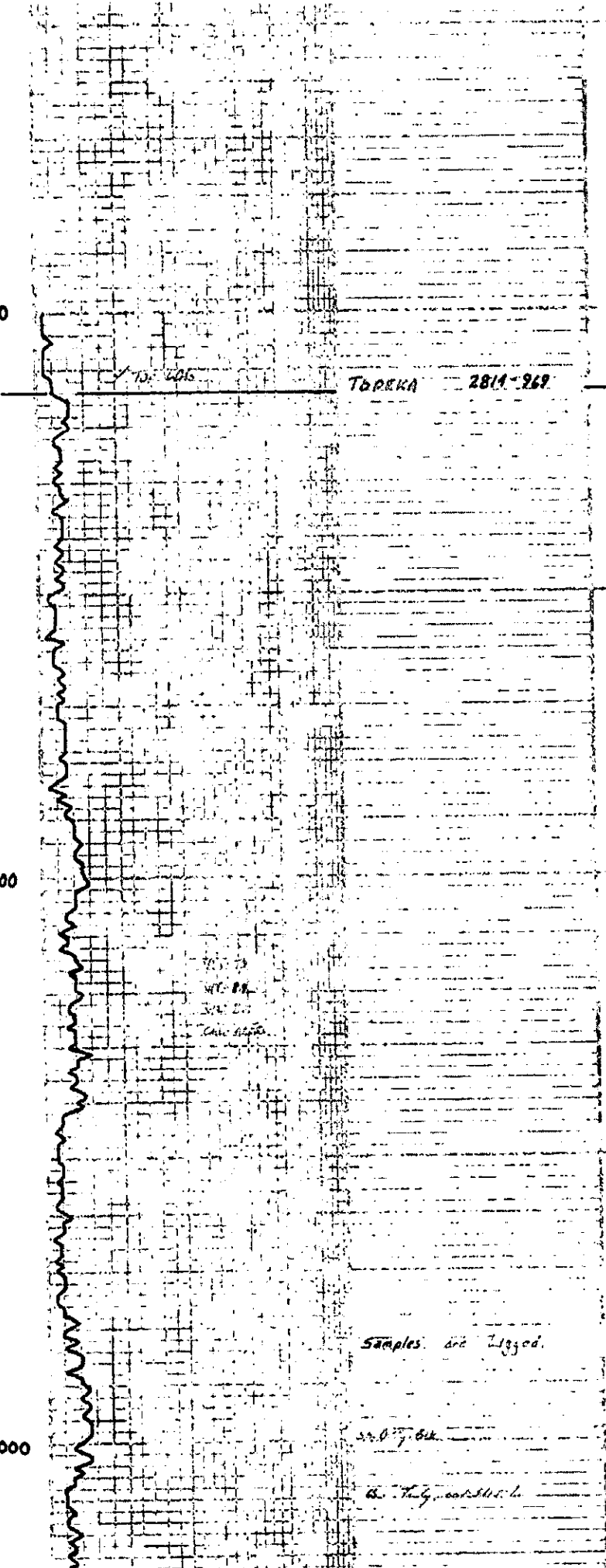
DEPTH	SAMPLE DESCRIPTIONS	REMARKS
0 - 5		
5 - 10		
10 - 20		
20 - 25		
25 - 30		
30 - 35		
35 - 40		
40 - 45		
45 - 50		
50 - 55		
55 - 60		
60 - 65		
65 - 70		
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590 - 595		
595 - 600		

450

2800

2900

3000



TOPKA

2814-269

55.0
7.6k

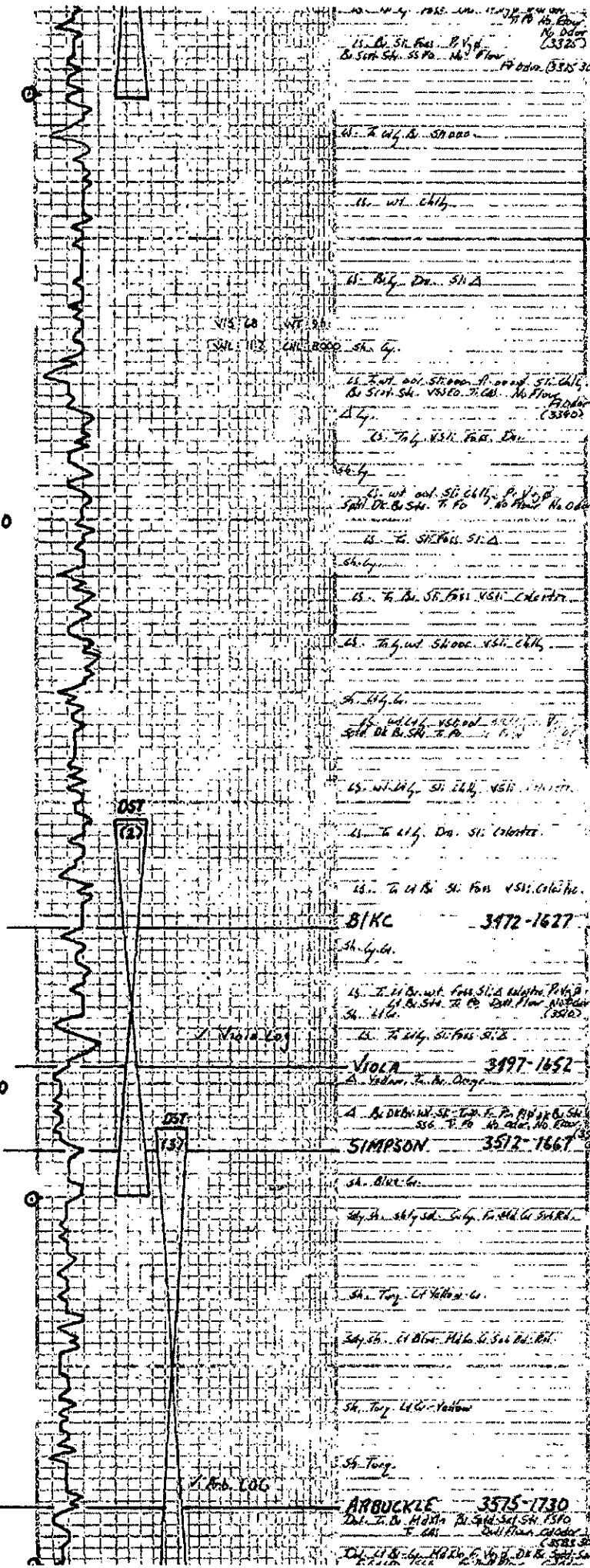
Samples are Logged

55.0 7.6k

6.7 1.0 1.1 1.2

3400

3500



10. 4 1/2' 1935. 100' 15' 17' 19' 24' 30' 37' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

11. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

12. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

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15. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

16. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

17. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

18. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

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20. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

21. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

22. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

23. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

24. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

25. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

BIKC 3472-1627

Sh. lgy.

15. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

16. 10' 15' 20' 25' 30' 35' 40' 45' 50' 55' 60' 65' 70' 75' 80' 85' 90' 95' 100'

VIOLA 3497-1452

Sh. lgy.

SIMPSON 3512-1667

Sh. lgy.

Sh. lgy.

Sh. lgy.

Sh. lgy.

Sh. lgy.

Sh. lgy.

Sh. lgy.

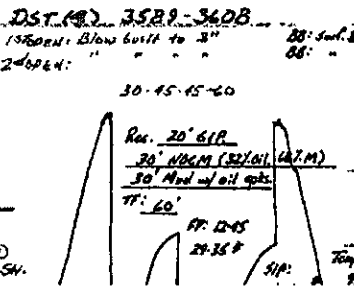
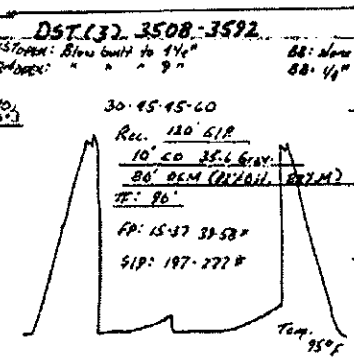
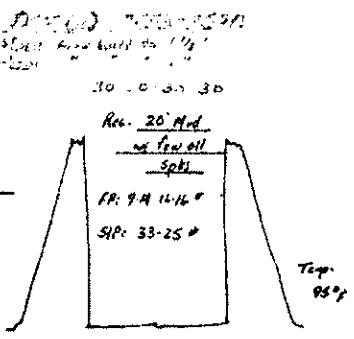
Sh. lgy.

Sh. lgy.

ARBUCKLE 3575-1730

Sh. lgy.

Sh. lgy.



Diamond Testing

General information Report

General Information

Company Name L.D. DRILLING, INC.

Contact	L.D. DAVIS	Job Number	
Well Name	MAXWELL #3-23	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #1 LKC 'A-F' 3,255' - 3,325'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC 23-21S-12W STAFFORD COUNTY, KS	Report Date	2011/01/26
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL DRILL-STEM TEST	Start Test Time	02:50:00
Formation	DST #1 LKC 'A-F' 3,255' - 3,325'	Final Test Time	09:47:00
Well Fluid Type	01 Oil		
Start Test Date	2011/01/26		
Final Test Date	2011/01/26		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 1,870' GAS IN PIPE
20' DM 100% MUD
60' G&OCWM 6% GAS, 4% OIL, 7% WTR, 83% MUD
80' TOTAL FLUID

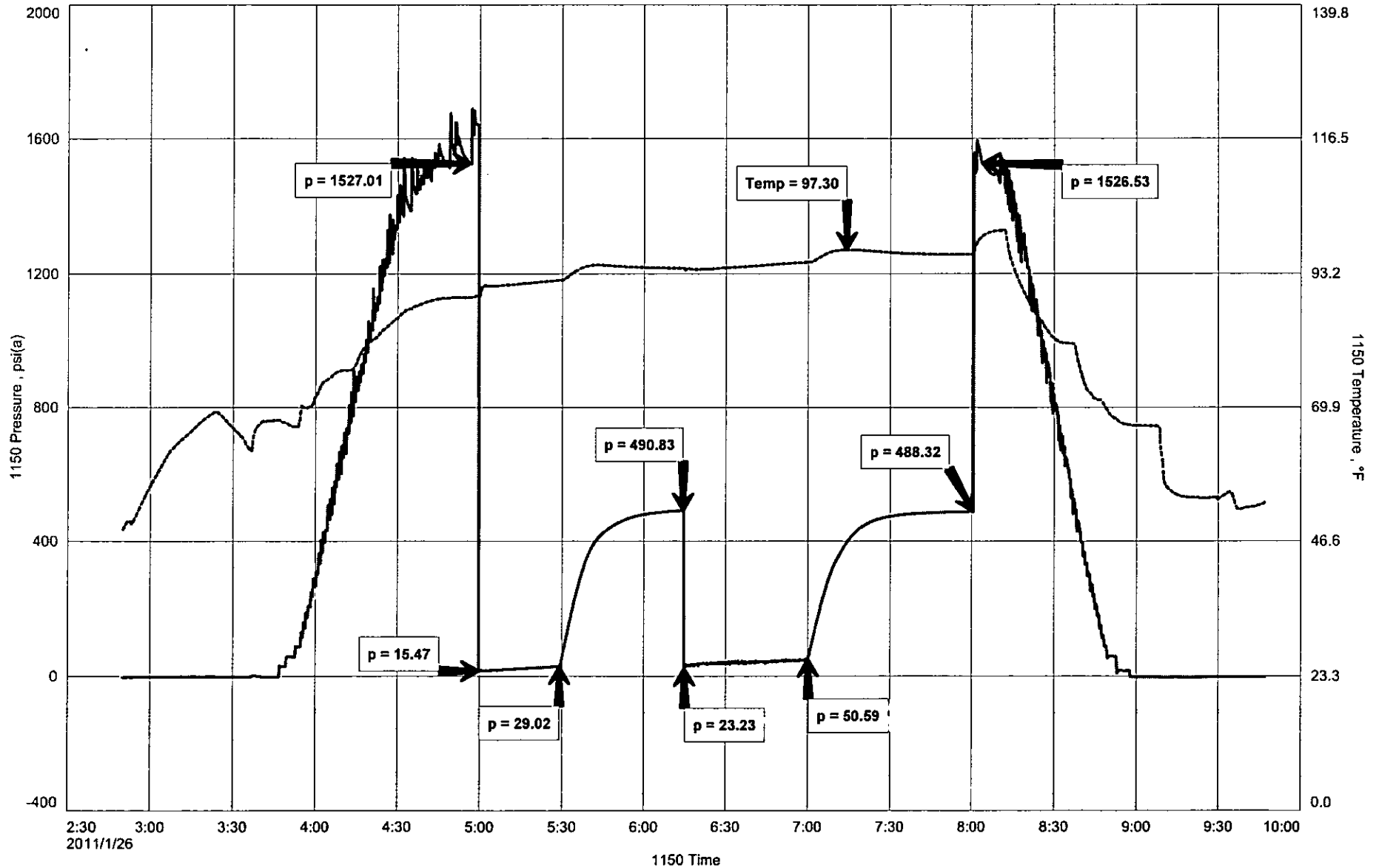
TOOL SAMPLE: 2% GAS, 10% OIL, 20% WTR, 68% MUD

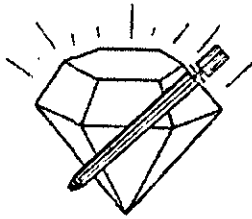
CHLORIDES: 21,500 Ppm
PH: 7.0
RW: .34 @ 48 deg.

L.D. DRILLING, INC.
DST #1 LKC 'A-F' 3,255' - 3,325'
Start Test Date: 2011/01/26
Final Test Date: 2011/01/26

MAXWELL #3-23
Formation: DST #1 LKC 'A-F' 3,255' - 3,325'
Pool: WILDCAT

MAXWELL #3-23





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

CLOCK ON: 02:50
 CLOCK OFF: 09:47

DRILL-STEM TEST TICKET

Company L.D. DRILLING, INC. Lease & Well No. MAXWELL #3-23
 Contractor PETROMARK Charge to L.D. DRILLING, INC.
 Elevation 1,845' KB Formation LKC 'A-F' Effective Pay _____ Ft. Ticket No. _____
 Date 1-26-11 Sec. 23 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By KIM SHOEMAKER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 1 Interval Tested from 3,255 ft. to 3,325 ft. Total Depth 3,325 ft.
 Packer Depth 3,250 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3,255 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3,241 ft. Recorder Number 1150 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 3,322 ft. Recorder Number 3851 Cap. 5,700 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 70 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 8.9 Water Loss 9.9 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 4,000 P.P.M. Drill Pipe Length 3,107 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number SAFTEY JOINT Test Tool Length 28 ft. Tool Size 3 1/2-1F in.
 Did Well Flow? NO Reversed Out NO Anchor Length 70 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 3 1/2" DP IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GOOD 2" BLOW INCREASING TO BOTTOM OF BUCKET IN 2 MIN (WSbb)
 2nd Open: STRONG BLOW OFF BOTTOM OF BUCKET IN 1/2 MIN (WSbb)

Recovered 1,870 ft. of GAS IN PIPE
 Recovered 20 ft. of DM 100% MUD
 Recovered 60 ft. of G&OCWM 6% GAS, 4% OIL, 7% WTR, 83% MUD

Recovered <u>80</u> ft. of <u>TOTAL FLUID</u>	<u>CHLORIDES: 21,500 Ppm</u>	Price Job
Recovered _____ ft. of _____	<u>PH: 7.0</u>	Other Charges
Remarks: _____	<u>RW: .34 @ 48 deg.</u>	Insurance
<u>DIESEL IN BUCKET</u>		
<u>TOOL SAMPLE: 2% GAS, 10% OIL, 20% WTR, 68% MUD</u>		Total

Time Set Packer(s) 5:00 A.M. A.M. P.M. Time Started Off Bottom 8:00 A.M. A.M. P.M. Maximum Temperature 97
 Initial Hydrostatic Pressure (A) 1,527 P.S.I.
 Initial Flow Period Minutes 30 (B) 15 P.S.I. to (C) 29 P.S.I.
 Initial Closed In Period Minutes 45 (D) 491 P.S.I.
 Final Flow Period Minutes 45 (E) 23 P.S.I. to (F) 51 P.S.I.
 Final Closed In Period Minutes 60 (G) 488 P.S.I.
 Final Hydrostatic Pressure (H) 1,527 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made

Diamond Testing

General information Report

General Information

Company Name L.D. DRILLING, INC.

Contact	L.D. DAVIS	Job Number	
Well Name	MAXWELL #3-23	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #2 CONG. 3,453' - 3,520'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC 23-21S-12W STAFFORD COUNTY, KS	Report Date	2011/01/27
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL DRILL-STEM TEST	Start Test Time	23:23:00
Formation	DST #2 CONG. 3,453' - 3,520'	Final Test Time	04:57:00
Well Fluid Type	01 Oil		
Start Test Date	2011/01/26		
Final Test Date	2011/01/27		
Gauge Name	1150		
Gauge Serial Number			

Test Results

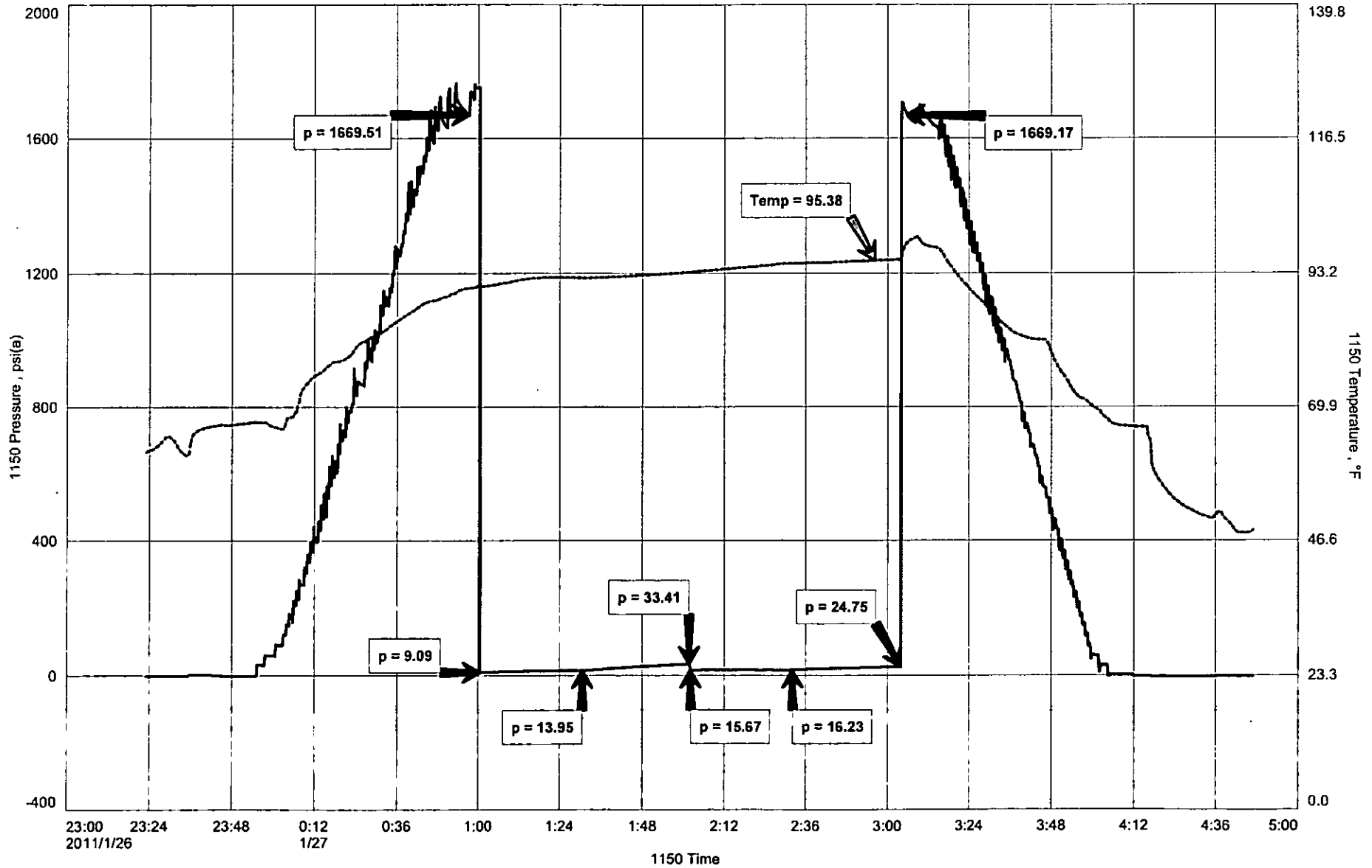
RECOVERED: 20' DM 100% MUD - FEW OIL SPECKS

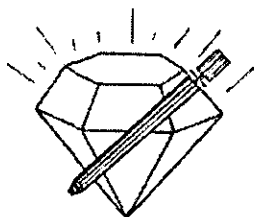
TOOL SAMPLE: 100% DM - FEW OIL SPECKS

L.D. DRILLING, INC.
DST #2 CONG. 3,453' - 3,520'
Start Test Date: 2011/01/26
Final Test Date: 2011/01/27

MAXWELL #3-23
Formation: DST #2 CONG. 3,453' - 3,520'
Pool: WILDCAT

MAXWELL #3-23





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

CLOCK ON: 23:23(1.26)

CLOCK OFF: 04:57(1.27)

DRILL-STEM TEST TICKET

Company L.D. DRILLING, INC. Lease & Well No. MAXWELL #3-23
Contractor PETROMARK Charge to L.D. DRILLING, INC.
Elevation 1,845' KB Formation CONG. Effective Pay _____ Ft. Ticket No. _____
Date 1-27-11 Sec. 23 Twp. 21 S Range 12 W County STAFFORD State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 2 Interval Tested from 3,453 ft. to 3,520 ft. Total Depth 3,520 ft.
Packer Depth 3,448 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,453 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3,439 ft. Recorder Number 1150 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) _____ 3,517 ft. Recorder Number 3851 Cap. 5,700 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 68 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 11.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 8,000 P.P.M. Drill Pipe Length 3,305 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number SAFTEY JOINT Test Tool Length 28 ft. Tool Size 3 1/2-1F in.
Did Well Flow? NO Reversed Out NO Anchor Length 67 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 31' DP IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/8" BLOW INCREASING TO 1 1/2" (NObb)
2nd Open: WEAK 1/8" BLOW INCREASING TO 1" (NObb)

Recovered 20 ft. of DM 100% MUD - FEW OIL SPECKS

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks:

DIESEL IN BUCKET

TOOL SAMPLE: 100% DM - FEW OIL SPECKS

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 1:10 A.M. A.M. P.M. Time Started Off Bottom 3:10 A.M. A.M. P.M. Maximum Temperature 95

Initial Hydrostatic Pressure (A) 1,670 P.S.I.

Initial Flow Period Minutes 30 (B) 9 P.S.I. to (C) 14 P.S.I.

Initial Closed In Period Minutes 30 (D) 33 P.S.I.

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

Final Closed In Period Minutes 30 (G) 25 P.S.I.

Final Hydrostatic Pressure (H) 1,669 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Diamond Testing

General information Report

General Information

Company Name L.D. DRILLING, INC.

Contact	L.D. DAVIS	Job Number	
Well Name	MAXWELL #3-23	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #3 ARBUCKLE 3,508' - 3,592'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC 23-21S-12W STAFFORD COUNTY, KS	Report Date	2011/01/27
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL DRILL-STEM TEST	Start Test Time	12:30:00
Formation	DST #3 ARBUCKLE 3,508' - 3,592'	Final Test Time	17:57:00
Well Fluid Type	01 Oil		
Start Test Date	2011/01/27		
Final Test Date	2011/01/17		
Gauge Name	1150		
Gauge Serial Number			

Test Results

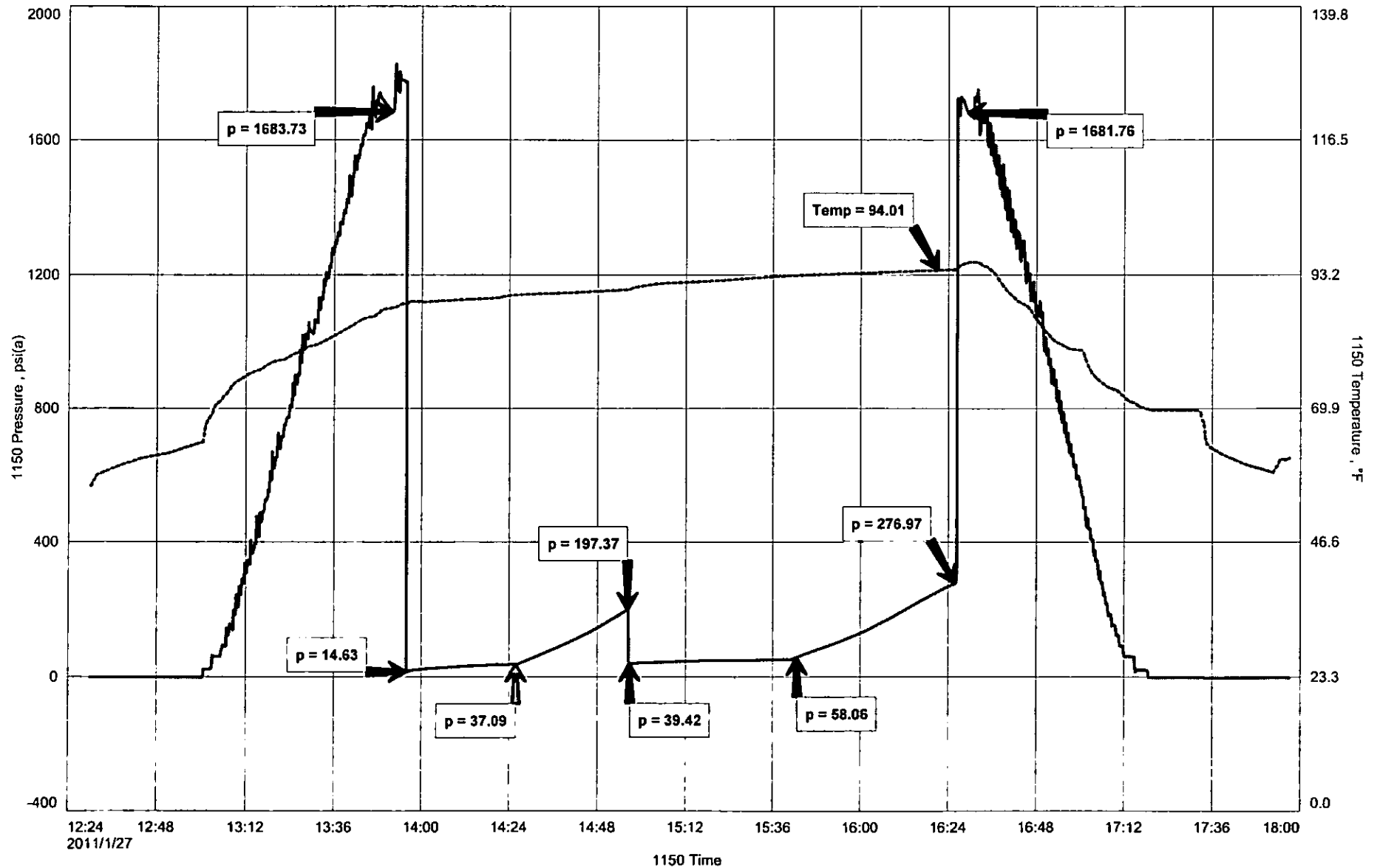
RECOVERED: 120' GAS IN PIPE
10' CO 35.6 GRAVITY @ 60 deg.
80' OCM 12% OIL, 88% MUD
90' TOTAL FLUID

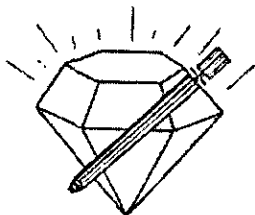
TOOL SAMPLE: 12% OIL, 88% MUD

L.D. DRILLING, INC.
DST #3 ARBUCKLE 3,508' - 3,592'
Start Test Date: 2011/01/27
Final Test Date: 2011/01/17

MAXWELL #3-23
Formation: DST #3 ARBUCKLE 3,508' - 3,592'
Pool: WILDCAT

MAXWELL #3-23





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

CLOCK ON: 12:30

CLOCK OFF: 17:57

DRILL-STEM TEST TICKET

Company L.D. DRILLING, INC. Lease & Well No. MAXWELL #3-23
 Contractor PETROMARK RIG #2 Charge to L.D. DRILLING, INC.
 Elevation 1,845' KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. _____
 Date 1-27-11 Sec. 23 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By KIM SHOEMAKER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 3 Interval Tested from 3,508 ft. to 3,592 ft. Total Depth 3,592 ft.
 Packer Depth 3,503 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3,508 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3,494 ft. Recorder Number 1150 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 3,589 ft. Recorder Number 3851 Cap. 5,700 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 55 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 9.5 Water Loss 10.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 8,000 P.P.M. Drill Pipe Length 3,360 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number SAFTEY JOINT Test Tool Length 28 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 84 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 63 DP IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/2" BLOW INCREASING TO 4 1/4" (NObb)
 2nd Open: WEAK 1/2" BLOW INCREASING TO 9" (W 1/4"bb)

Recovered 120 ft. of GAS IN PIPE
 Recovered 10 ft. of CLEAN OIL 35.6 GRAVITY @ 60 deg
 Recovered 80 ft. of OCM 12% OIL, 88% MUD
 Recovered 90 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Remarks: _____	Other Charges
<u>DIESEL IN BUCKET</u>	Insurance
<u>TOOL SAMPLE: 12% OIL, 88% MUD</u>	Total

Time Set Packer(s) 1:56 P.M. A.M. P.M. Time Started Off Bottom 4:26 P.M. A.M. P.M. Maximum Temperature 95
 Initial Hydrostatic Pressure (A) 1,684 P.S.I.
 Initial Flow Period Minutes 30 (B) 15 P.S.I. to (C) 37 P.S.I.
 Initial Closed In Period Minutes 30 (D) 197 P.S.I.
 Final Flow Period Minutes 45 (E) 39 P.S.I. to (F) 58 P.S.I.
 Final Closed In Period Minutes 45 (G) 277 P.S.I.
 Final Hydrostatic Pressure (H) 1,682 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made

Diamond Testing

General information Report

General Information

Company Name L.D. DRILLING, INC.

Contact	L.D. DAVIS	Job Number	
Well Name	MAXWELL #3-23	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #4 ARBUCKLE 3,589' - 3,608'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC 23-21S-12W STAFFORD COUNTY, KS	Report Date	2011/01/28
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL DRILL-STEM TEST		
Formation	DST #4 ARBUCKLE 3,589' - 3,608'		
Well Fluid Type	01 Oil	Start Test Time	22:50:00
		Final Test Time	05:34:00
Start Test Date	2011/01/27		
Final Test Date	2011/01/28		
Gauge Name	1150		
Gauge Serial Number			

Test Results

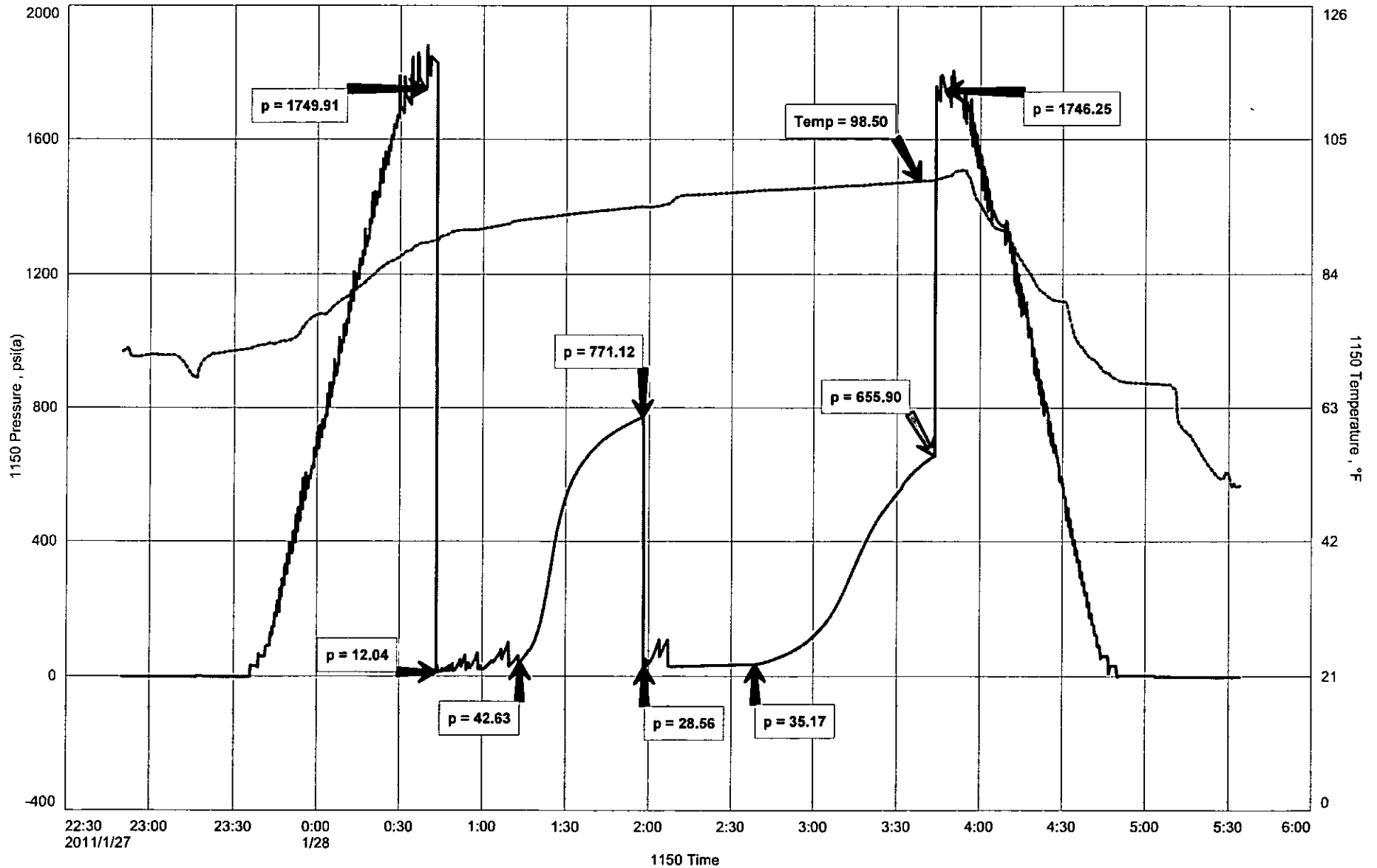
RECOVERED: 20' GAS IN PIPE
30' HOCM 32% OIL, 68% MUD
30' DM GOOD OIL SPECKS
60' TOTAL FLUID

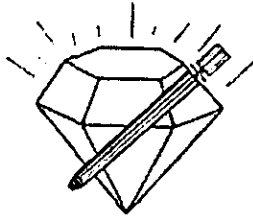
TOOL SAMPLE: 8% OIL, 92% MUD

L.D. DRILLING, INC.
DST #4 ARBUCKLE 3,589' - 3,608'
Start Test Date: 2011/01/27
Final Test Date: 2011/01/28

MAXWELL #3-23
Formation: DST #4 ARBUCKLE 3,589' - 3,608'
Pool: WILDCAT

MAXWELL #3-23





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

CLOCK ON: 22:50(1.27)

CLOCK OFF: 06:34(1.28)

DRILL-STEM TEST TICKET

Company L.D. DRILLING, INC. Lease & Well No. MAXWELL #3-23
Contractor PETROMARK RIG #2 Charge to L.D. DRILLING, INC.
Elevation 1,845' KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. _____
Date 1-28-11 Sec. 23 Twp. 21 S Range 12 W County STAFFORD State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 4 Interval Tested from 3,589 ft. to 3,608 ft. Total Depth 3,608 ft.
Packer Depth 3,584 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,589 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3,575 ft. Recorder Number 1150 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3,605 ft. Recorder Number 3851 Cap. 5,700 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 55 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 10.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 8,000 P.P.M. Drill Pipe Length 3,441 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number SAFTEY JOINT Test Tool Length 28 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 19 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: WEAK 1/2" BLOW INCREASING TO 3" (WSbb)
2nd Open: WEAK 1/2" BLOW INCREASING TO 3" (WSbb)

Recovered 20 ft. of GAS IN PIPE
Recovered 30 ft. of HOCM 32% OIL, 68% MUD
Recovered 30 ft. of DM - GOOD OIL SPECKS
Recovered 60 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Remarks: _____	Other Charges
<u>DIESEL IN BUCKET</u>	Insurance
<u>TOOL SAMPLE: 8% OIL, 92% MUD</u>	Total

Time Set Packer(s) 12:43 A.M. A.M. P.M. Time Started Off Bottom 3:43 A.M. A.M. P.M. Maximum Temperature 99
Initial Hydrostatic Pressure (A) 1,750 P.S.I.
Initial Flow Period Minutes 30 (B) 12 P.S.I. to (C) 43 PLUGGING P.S.I.
Initial Closed In Period Minutes 45 (D) 771 P.S.I.
Final Flow Period Minutes 45 (E) 29 P.S.I. to (F) 35 P.S.I.
Final Closed In Period Minutes 60 (G) 656 P.S.I.
Final Hydrostatic Pressure (H) 1746 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.