



KANSAS CORPORATION COMMISSION 1073160
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: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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 #: _____

<u>11/21/2011</u>	<u>11/29/2011</u>	<u>11/29/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-185-23714-00-00

Spot Description: _____
SW NW NE NE Sec. 26 Twp. 21 S. R. 12 East West
391 Feet from North / South Line of Section
1167 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Stafford
Lease Name: WIDENER Well #: 7-26

Field Name: _____
Producing Formation: ARBUCKLE

Elevation: Ground: 1827 Kelly Bushing: 1828

Total Depth: 3637 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 327 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: 7600 ppm Fluid volume: 560 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 Gerrico Date: 01/31/2012



1073160

Operator Name: L. D. Drilling, Inc. Lease Name: WIDENER Well #: 7-26
 Sec. 26 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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum Attached Attached Attached
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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	23	327	A-CON	175	3%CC,.25#CF
SURFACE	12.25	8.625	23	327	COMMON	175	2%CC,.25#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	-			

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	WIDENER 7-26
Doc ID	1073160

Tops

ANHYDRITE	600	+1230
TOPEKA	2809	-979
HEEBNER	3096	-1266
BROWN LIME	3224	-1394
LANSING	3243	-1413
BASE KANSAS CITY	3478	-1648
VIOLA	3516	-1686
SIMPSON	3547	-1717
ARBUCKLE	3637	-1807



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 04957 A

26-215-12W

DATE _____ TICKET NO. _____

DATE OF JOB 11-22-11	DISTRICT Pratt, Kansas	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:			
CUSTOMER L.D. Drilling, Incorporated	LEASE Widener	WELL NO. 7-26								
ADDRESS	COUNTY Stafford	STATE Kansas								
CITY	STATE	SERVICE CREW C. Messick; M. Mattal; J. McCaskey								
AUTHORIZED BY	JOB TYPE: C.N.W. Surface									
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
37,216	5						11-22-11			12:30
						ARRIVED AT JOB				2:30
						START OPERATION				3:45
19,903-19,905	5					FINISH OPERATION				8:45
						RELEASED	11-22-11			9:30
19,832-21,010	5					MILES FROM STATION TO WELL				45

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

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P CP 101	A-Con Blend Cement	sh	175	\$	3,150.00
P CP 100	Common Cement	sh	175	\$	2,800.00
P CP 100	Common Cement	sh	25	\$	400.00
P CC 102	Cellflatre	Lb	88	\$	325.60
P CC 109	Calcium Chloride	Lb	825	\$	866.25
P CC 109	Calcium Chloride	Lb	160	168.-	\$ 26880.00
P CF 153	Wooden Plug, 8 5/8"	ea	1	\$	160.00
P E 100	Pickup Mileage	mi	45	\$	191.25
P E 101	Heavy Equipment Mileage	mi	135	\$	945.00
P E 113	Bulk Delivery	tm	797	\$	1,274.40
P CE 200	Cement Pump: 0 Feet To 500 Feet	hrs	4	\$	1,000.00
P CE 240	Blending and Mixing Service	sh	375	\$	525.00
P CE 504	Plug Container	Job	1	\$	250.00
P S003	Service Supervisor	hrs	8	\$	175.00

SUB TOTAL

DIS \$ 9,662.10

CHEMICAL / ACID DATA:			

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

TOTAL

SERVICE REPRESENTATIVE
R. M. Messick

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

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer C.D. Drilling, Incorporated	Lease No. Widener	Lease Widener	Well # T-26	Date 11-22-11
Field Order # 4957	Station Pratt, Kansas	Casing 8 7/8"	Depth 332 Feet	County Stafford
Type Job C.N.W. - Surface	Formation	Legal Description 26-215-12W		

PIPE DATA		PERFORATING DATA		MATERIAL USED		TREATMENT RESUME	
Casing Size 8 7/8"	Tubing Size 2 3/4"	Shots/Ft 175	From 12.6L	To 2.7 Gal.	11.89 Gal.	RATE 38	PRESS 2.12 CU.F.T./ST.
Depth 332 Feet	Depth 20.3 Bbl.	From 175	To 175	From 175	To 175	Min 2.8	ISIP 10 Min./st cell flate
Volume 20.3 Bbl.	Volume 20.3 Bbl.	From 175	To 175	From 175	To 175	Ave 1.20	15 Min.
Max Press 200 PSI	Max Press 200 PSI	From 15.61	To 15.61	From 15.61	To 15.61	HHP Used	Annulus Pressure
Well Connection 1 1/2" Con	Annulus Vol. 1 1/2" Con	From 15.61	To 15.61	From 15.61	To 15.61	Gas Volume	Total Load
Plug Depth 20.3 Feet	Packer Depth 20.3 Feet	From 15.61	To 15.61	From 15.61	To 15.61	Flush 20.3 Bbl. Fresh Water	

Customer Representative Jim Michols	Station Manager David Scott	Treater Clarence R. Messick
Service Units 37,216	19,903	19,905
Driver Names Messick	Mattal	McCastry

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:30					Trucks on location and hold safety meeting.
2:40					Petromark Drilling start to run 8 Joints new 2 3/4" 8 7/8" casing.
3:30					casing in well. Circulate for 5 minutes.
3:45	200			5	start Fresh water Pre-Flush.
			10	5	start mixing 175 sacks A-con cement.
			76	5	start mixing 175 sacks common cement.
	-0-		113		stop pumping. Shut in well Release Wooden Plug. Open well.
	100			5	Start Fresh water Displacement.
4:15	300		20.3		Plug down. Shut in well.
8:25					Top of cement at 63 Feet with 1" tubing.
8:30	200			3	start mixing cement
8:33			5		ceMENT circulated to surface Stop mixing
					Pull 1" tubing out of well.
					Wash up pump truck.
9:30					Job complete
					Thank You
					Clarence, Mike, Jeffery



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 04961 A

26-215-12W

DATE _____ TICKET NO. _____

DATE OF JOB 11-29-11	DISTRICT Pratt, Kansas	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER L. D. Drilling, Incorporated	LEASE Widener	WELL NO. 7-26							
ADDRESS	COUNTY Stafford	STATE Kansas							
CITY	STATE	SERVICE CREW C. Messick, M. Mattal, S. Young							
AUTHORIZED BY	JOB TYPE C.N.W. - Plug To Abandon								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
37,216	2.5						11-29-11	PM	5:00
						ARRIVED AT JOB	11-29-11	AM	7:00
19,903-19,905	2.5					START OPERATION		AM	8:30
						FINISH OPERATION		AM	11:00
19,832-21,010	2.5					RELEASED	11-29-11	AM	11:30
						MILES FROM STATION TO WELL			45

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

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P CP103	60/40 Poz Cement	SK	200		\$ 2,400 00
P CC200	Cement Gel	Lb	344		\$ 86 00
P E100	Pickup Mileage	mi	45		\$ 191 25
P E101	Heavy Equipment Mileage	mi	90		\$ 630 00
P E113	Bulk Delivery	tm	387		\$ 619 20
P CE204	Cement Pump: 3,001 Feet To 4,000 Feet	hrs	4		\$ 2,160 00
P CE240	Blending and Mixing Service	sk	200		\$ 280 00
P 5003	Service Supervisor	hrs	8		\$ 175 00
SUB TOTAL					265 \$ 5,167 75
CHEMICAL / ACID DATA:				SERVICE & EQUIPMENT	%TAX ON \$
				MATERIALS	%TAX ON \$
TOTAL					

SERVICE REPRESENTATIVE: *Aune R. Messick*

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

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer L.D. Drilling, Incorporated	Lease No.	Date 11-29-11
Lease Widener	Well # 7-26	
Field Order # 4981	Station Pratt, Kansas	Casing 1 1/2" Drill Pipe
Type Job C.N.W. - Plug To Abandon	Formation	County Stafford
		State Kansas
		Legal Description 26-215-12W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shot/ Pipe	200 sacks	60/40 Poz	with	RATE	PRESS
Depth	Depth	From	To 13.8	Gal., 6.90	gal/stk.	1.42	CU.FT/ST.
Volume	Volume	From	To	Rate	Min		10 Min.
Max Press	Max Press	From	To	Rate	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush Drilling mud and	Gas Volume	Water	Total Load

Customer Representative Jim Nichols	Station Manager David Scott	Treater Clarence R. Messick
Service Units 37,216	19,903	19,905
Driver Names Messick	Mittal	Young

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:00					Cementer on location.
7:30					Trucks on location and hold safety meeting.
					1st Plug 3,597 Feet 50 sacks cement
8:45		500		5	start Fresh Water Pre-Flush.
			20	5	start mixing 50 sacks cement.
			32.5	5	start Fresh Water Displacement.
			42.5	5	start Drilling Mud Displacement.
9:00		-0-	74.5		stop pumping.
					2nd Plug 630 Feet - 50 sacks cement.
10:15		300		5	start Fresh Water Pre-Flush.
			5	5	start mixing cement.
			17.5	5	start Fresh Water Displacement.
10:20		-0-	20		stop pumping.
					3rd Plug 360 Feet - 50 sacks cement.
10:30		250		5	start mixing cement
			12.5	5	start Fresh Water Displacement
10:34		-0-	13.5		stop pumping.
					4th Plug 60 Feet - 20 sacks
10:42		100		3	start mixing cement
10:45		-0-	5		Cement circulated to surface. Stop pumping.
		-0-	7	3	Plug Rat Hole.
					Washup pump truck.

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

11:15 P.M. Job Complete. Thank You, Clarence, Milte, Steve,

KIM B. SHOEMAKER

CONSULTING GEOLOGIST
316-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.
LEASE # 7-26 WIDENER
FIELD WIDENER
LOCATION 391' ENL & 1167' FEL
SEC 26 TWP 21s RGE 12w
COUNTY STAFFORD STATE KANSAS
CONTRACTOR PETROMARK RIG 2
SPUD 11-21-11 COMP 11-29-11
RTD 3637 LTD _____
MUD UP 2600 TYPE MUD CHEMICAL

ELEVATIONS
KB 1830
DF _____
GL 1825
Measurements Are All
From 1830 KB

CASING
SURFACE 8 5/8" @ 327'
PRODUCTION _____
ELECTRICAL SURVEYS
None

SAMPLES SAVED FROM 3000 TO 3637
DRILLING TIME KEPT FROM 2750 TO 3637
SAMPLES EXAMINED FROM 3000 TO 3637
GEOLOGICAL SUPERVISION FROM 3200 TO 3637
GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE		600+1230
TOPEKA		2809 - 979
HEBNER		3096 - 1266
BROWN LIME		3224 - 1324
LANSING		3243 - 1413
B/KC		3478 - 1648
VIOA		3516 - 1686
SIMPSON		3547 - 1717
ARBUCKLE		3597 - 1767
RTD		3637 - 1807



REMARKS

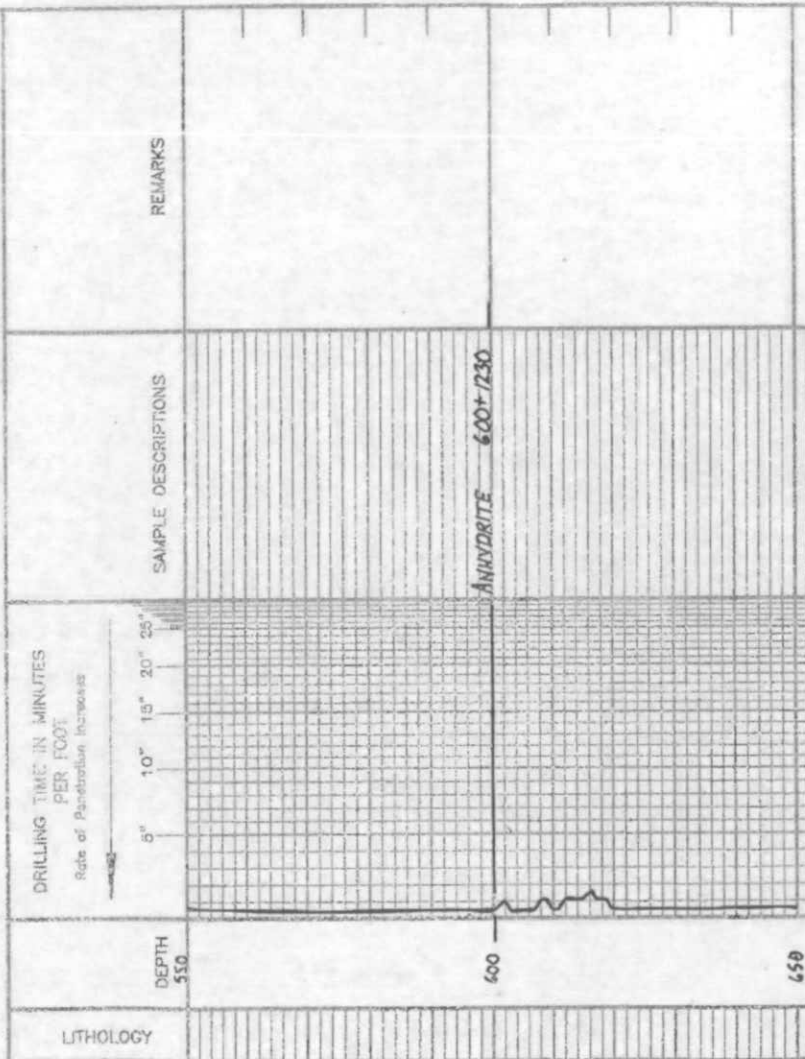
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11-22 @ 331'
11-23 @ 1720'
11-24 @ 2400'
11-25 @ 3755'
11-26 @ 5225'
11-27 @ 3440'
11-28 @ 3565'
11-29 @ 3648'

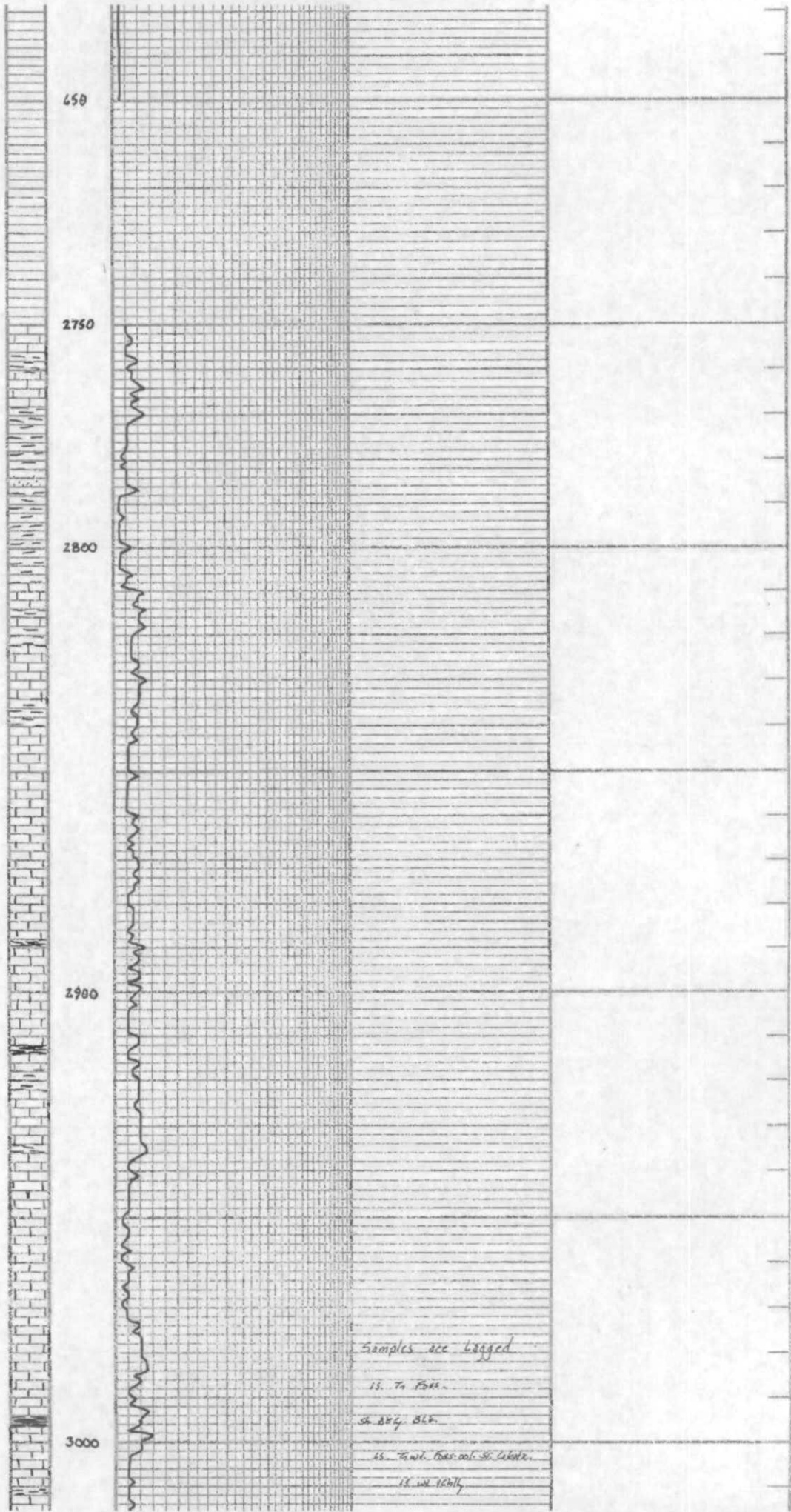
APR 15 '85 23714

LEGEND



SHOED1-08





450

2750

2800

2900

3000

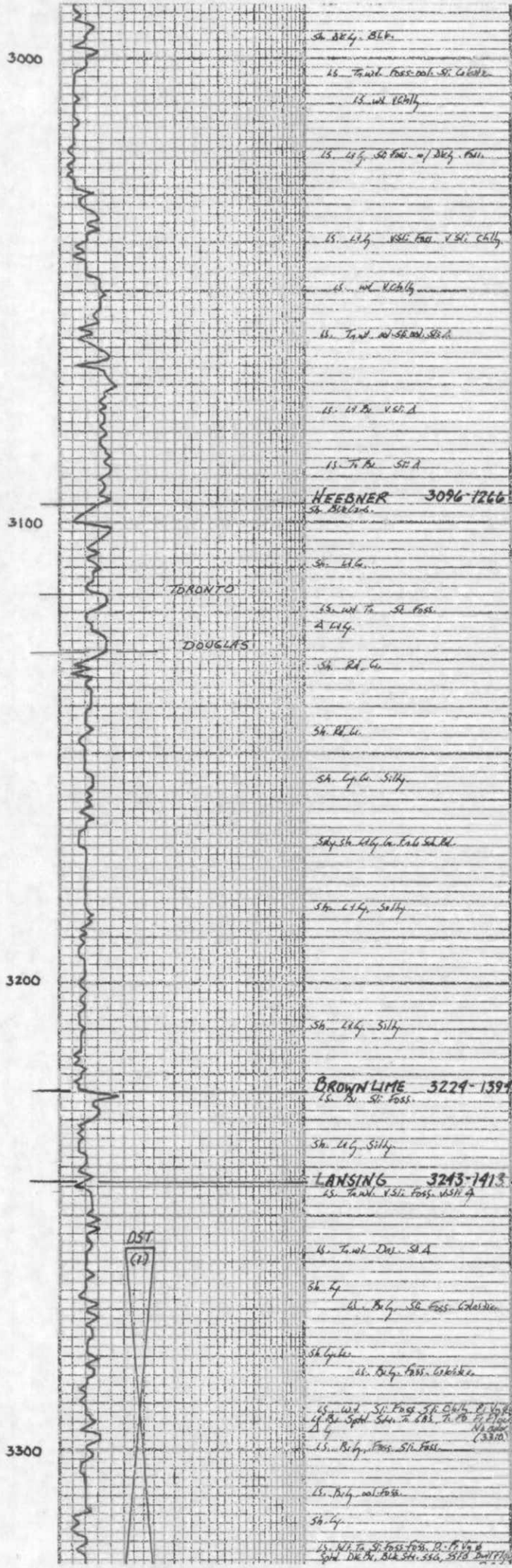
Samples acc. logged

15. To P&A

SA 884, 885

15. To mt. base. dot. 50. Lab. etc.

18. in 1900



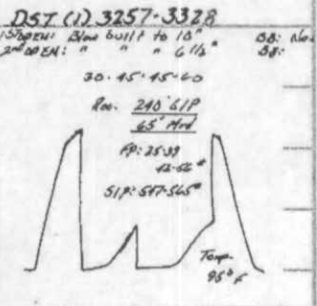
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HEEBNER 3096-1266
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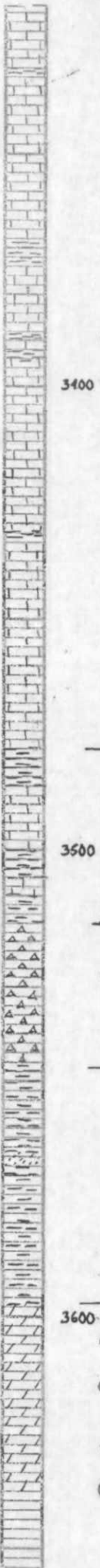
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BROWN LIME 3229-1399
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LANSING 3243-1413
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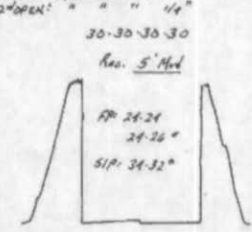
(2) Drill Collars on all DST's



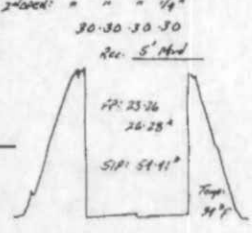


15. Gr. and Sh. Foss. and Sh. Chky.
 16. Gr. and Sh. Foss. and Sh. Chky.
 17. Gr. and Sh. Foss. and Sh. Chky.
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 48. Gr. and Sh. Foss. and Sh. Chky.
 49. Gr. and Sh. Foss. and Sh. Chky.
 50. Gr. and Sh. Foss. and Sh. Chky.

DST (2) 3363-3390



DST (3) 3415-3527

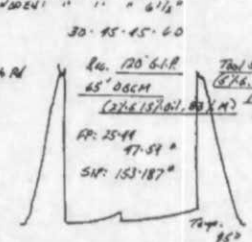


BKIC 3478-1618

VIOLA 3516-1686

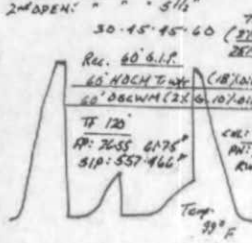
SIMPSON 3597-1717

DST (4) 3535-3615



ARBuckle 3597-1767

DST (5) 3613-3628



RTO 3637-1807

DST (6) 3625-3637

1st OPEN: Blow built to 6"

DIAMOND TESTING

General Information Report

General Information

Company Name L.D. DRILLING, INC.
Contact L.D. DAVIS
Well Name WIDENER #7-26
Unique Well ID DST #1 LANSING 'B-F' 3,257' - 3,328'
Surface Location SEC 26-21S-12W STAFFORD COUNTY, KS
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL DRILL-STEM TEST
Formation DST #1 LANSING 'B-F' 3,257' - 3,328'
Well Fluid Type 01 Oil

Start Test Date 2011/11/26
Final Test Date 2011/11/26

Representative ROGER D. FRIEDLY
Well Operator L.D. DRILLING, INC.
Report Date 2011/11/26
Prepared By ROGER D. FRIEDLY

Qualified By KIM SHOEMAKER

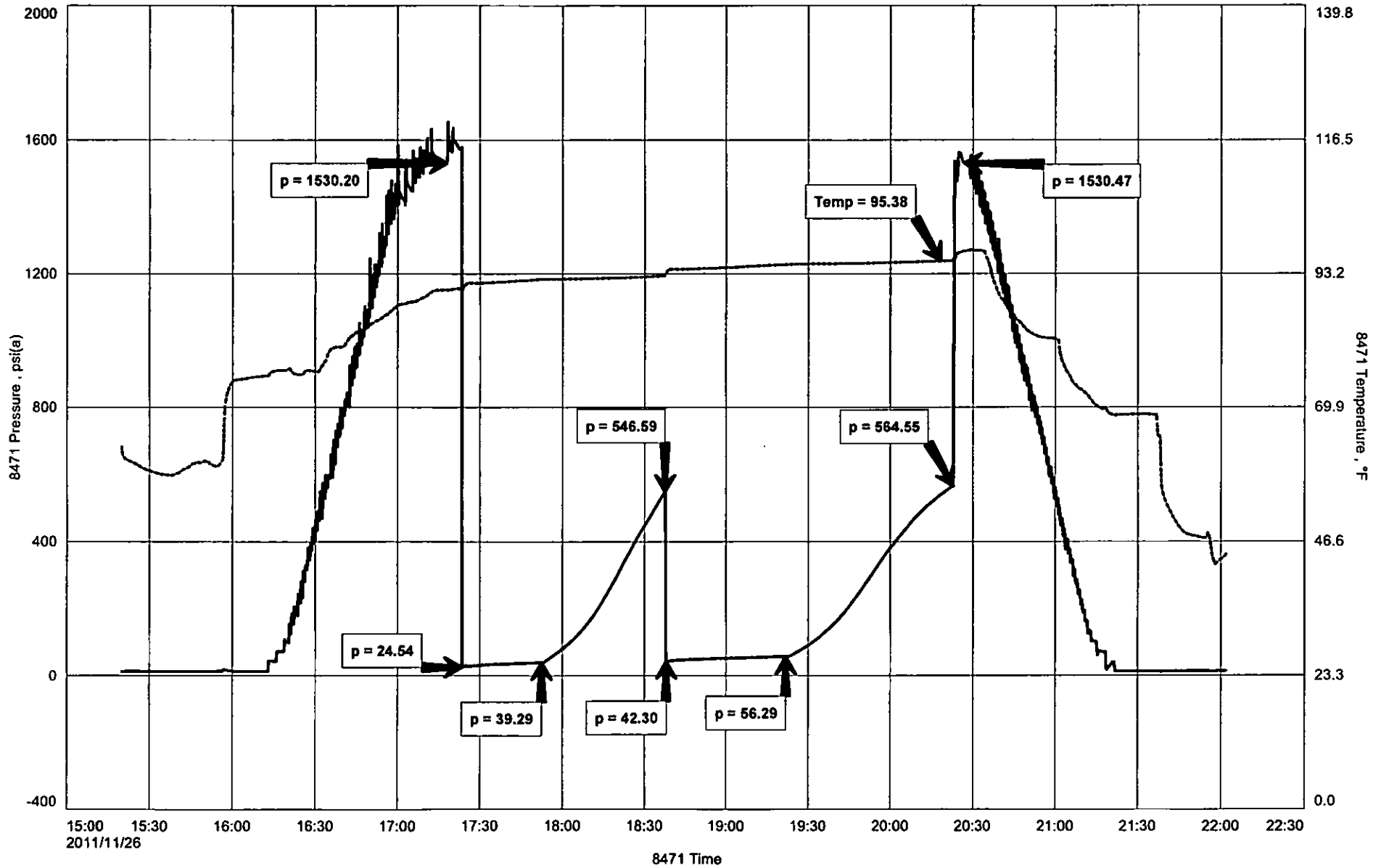
Start Test Time 15:20:00
Final Test Time 22:02:00

Test Recovery:

RECOVERED: 240' GAS IN PIPE
65' DM 100% MUD

TOOL SAMPLE: 100% DM

WIDENER #7-26





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: WIDENER7-26DST1

TIME ON: 15:20
TIME OFF: 22:02

Company L.D. DRILLING, INC. Lease & Well No. WIDENER #7-26
Contractor PETROMARK # 2 Charge to L.D. DRILLING, INC.
Elevation 1,839 KB Formation LANSING 'B-F' Effective Pay _____ Ft. Ticket No. _____
Date 11.26.11 Sec. 26 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 3,257 ft. to 3,328 ft. Total Depth 3,328 ft.
Packer Depth 3,252 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3,257 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3,243 ft. Recorder Number 8471 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 3,325 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 60 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 4,800 P.P.M. Drill Pipe Length 3,109 ft. I.D. 3 1/2 in.
Jars: Make STERLING 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 71 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 1/2" BLOW INCREASING TO 10" (NOBB)
2nd Open: WEAK 1/4" BLOW INCREASING TO 6 1/2" (NOBB)

Recovered 240 ft. of GAS IN PIPE
Recovered 65 ft. of DM 100% MUD
Recovered 65 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>100% DM</u>	Total

Time Set Packer(s) 5:26 P.M. ^{A.M.} P.M. Time Started Off Bottom 8:26 P.M. ^{A.M.} P.M. Maximum Temperature 95

Initial Hydrostatic Pressure..... (A) 1,530 P.S.I.
Initial Flow Period..... Minutes 30 (B) 25 P.S.I. to (C) 39 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 547 P.S.I.
Final Flow Period..... Minutes 45 (E) 42 P.S.I. to (F) 56 P.S.I.
Final Closed In Period..... Minutes 60 (G) 565 P.S.I.
Final Hydrostatic Pressure..... (H) 1,530 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.	Representative	ROGER D. FRIEDLY
Contact	L.D. DAVIS	Well Operator	L.D. DRILLING, INC.
Well Name	WIDENER #7-26	Report Date	2011/11/27
Unique Well ID	DST #2 LANSING 'H' 3,363' - 3,390'	Prepared By	ROGER D. FRIEDLY
Surface Location	SEC 26-21S-12W STAFFORD COUNTY, KS	Qualified By	KIM SHOEMAKER
Field	WILDCAT		
Well Type	Vertical		
Test Type	CONVENTIONAL DRILL-STEM TEST		
Formation	DST #2 LANSING 'H' 3,363' - 3,390'		
Well Fluid Type	01 Oil		
Start Test Date	2011/11/27	Start Test Time	05:52:00
Final Test Date	2011/11/27	Final Test Time	11:03:00

Test Recovery:

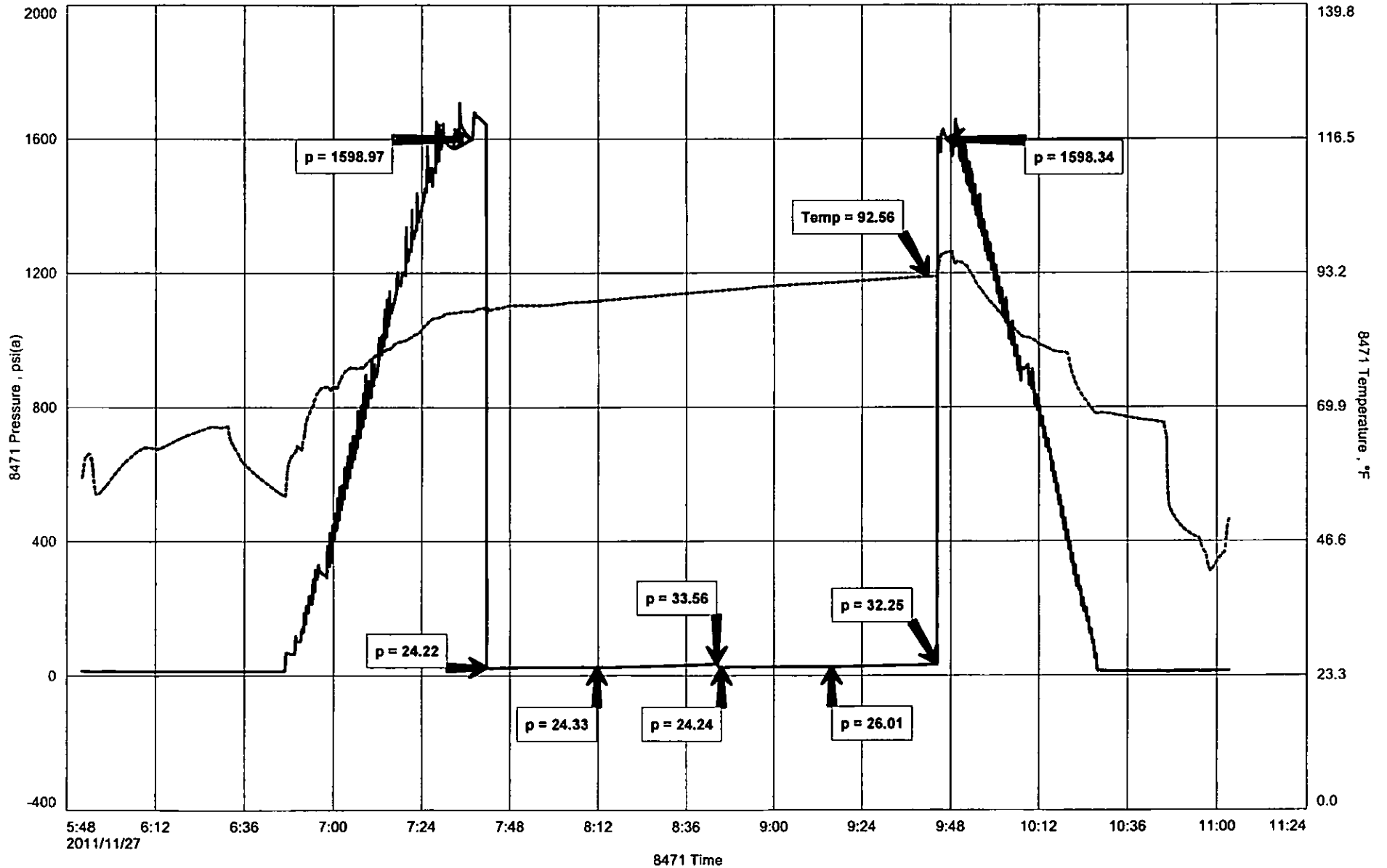
RECOVERED: 5' DM 100% MUD

TOOL SAMPLE: 100% DM

L.D. DRILLING, INC.
DST #2 LANSING 'H' 3,363' - 3,390'
Start Test Date: 2011/11/27
Final Test Date: 2011/11/27

WIDENER #7-26
Formation: DST #2 LANSING 'H' 3,363' - 3,390'

WIDENER #7-26





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: WIDENER7-26DST2

TIME ON: 05:52

TIME OFF: 11:03

Company L.D. DRILLING, INC. Lease & Well No. WIDENER #7-26
Contractor PETROMARK # 2 Charge to L.D. DRILLING, INC.
Elevation 1,839 KB Formation LANSING 'H' Effective Pay _____ Ft. Ticket No. _____
Date 11.27.11 Sec. 26 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 3,363 ft. to 3,390 ft. Total Depth 3,390 ft.
Packer Depth 3,358 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3,363 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) _____ 3,349 ft. Recorder Number 8471 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) _____ 3,387 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 66 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 11,500 P.P.M. Drill Pipe Length 3,215 ft. I.D. 3 1/2 in.

Jars: Make STERLING 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 27 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 1/4" BLOW INCREASING TO 1" (NOBB)
2nd Open: WEAK SURFACE BLOW INCREASING TO 1/4" (NOBB)

Recovered 5 ft. of DM 100% MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____	Price Job
TOOL SAMPLE: <u>100% DM</u>	Other Charges
	Insurance
	Total

Time Set Packer(s) 7:42 A.M. A.M. P.M. Time Started Off Bottom 9:42 A.M. A.M. P.M. Maximum Temperature 93

Initial Hydrostatic Pressure..... (A) 1,599 P.S.I.
Initial Flow Period..... Minutes 30 (B) 24 P.S.I. to (C) 24 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 34 P.S.I.
Final Flow Period..... Minutes 30 (E) 24 P.S.I. to (F) 26 P.S.I.
Final Closed In Period..... Minutes 30 (G) 32 P.S.I.
Final Hydrostatic Pressure..... (H) 1,598 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
Well Name WIDENER #7-26
Unique Well ID DST #3 LKC 'K' - CONG. 3,415' - 3,527'
Surface Location SEC 26-21S-12W STAFFORD COUNTY, KS
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL DRILL-STEM TEST
Formation DST #3 LKC 'K' - CONG, 3,415' - 3,527'
Well Fluid Type 01 Oil

Start Test Date 2011/11/27
Final Test Date 2011/11/28

Representative ROGER D. FRIEDLY
Well Operator L.D. DRILLING, INC.
Report Date 2011/11/28
Prepared By ROGER D. FRIEDLY

Qualified By KIM SHOEMAKER

Start Test Time 21:38:00
Final Test Time 03:46:00

Test Recovery:

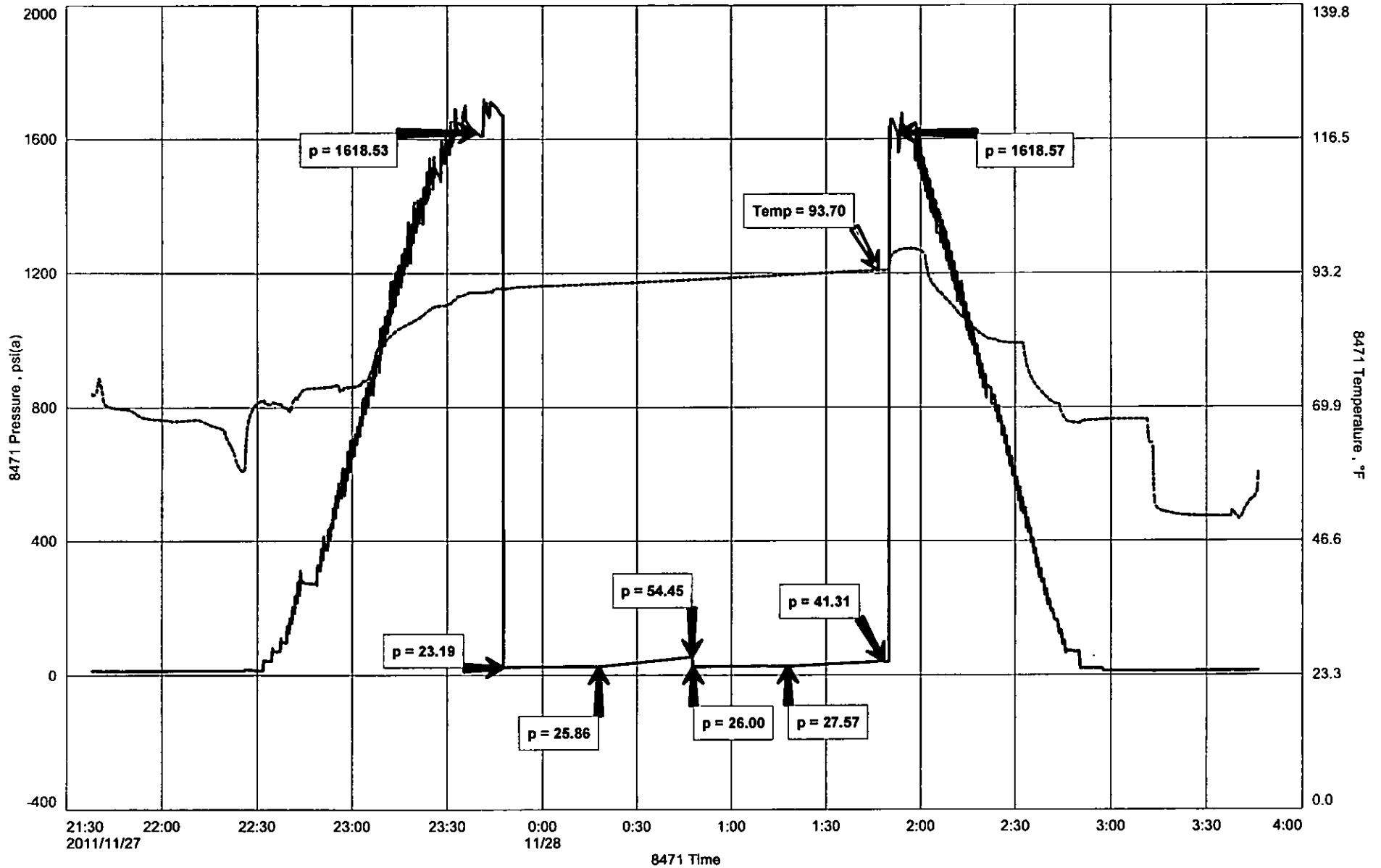
RECOVERED: 5' DM 100% MUD

TOOL SAMPLE: 100% DM

L.D. DRILLING, INC.
DST #3 LKC 'K' - CONG. 3,415' - 3,527'
Start Test Date: 2011/11/27
Final Test Date: 2011/11/28

WIDENER #7-26
Formation: DST #3 LKC 'K' - CONG, 3,415' - 3,527'

WIDENER #7-26





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: WIDENER7-26DST3

TIME ON: 21:38

TIME OFF: 03:46(11.28)

Company L.D. DRILLING, INC. Lease & Well No. WIDENER #7-26

Contractor PETROMARK # 2 Charge to L.D. DRILLING, INC.

Elevation 1,839 KB Formation LANSING 'K' - CONG. Effective Pay _____ Ft. Ticket No. _____

Date 11.27.11 Sec. 26 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 3,415 ft. to 3,527 ft. Total Depth 3,527 ft.

Packer Depth 3,410 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 3,415 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3,401 ft. Recorder Number 8471 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 3,524 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 66 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 11,500 P.P.M. Drill Pipe Length 3,267 ft. I.D. 3 1/2 in.

Jars: Make STERLING 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 112 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 1/4" BLOW INCREASING TO 1 1/8" (NOBB)

2nd Open: WEAK SURFACE BLOW INCREASING TO 1/4" (NOBB)

Recovered 5 ft. of DM 100% MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____ Price Job _____

Recovered _____ ft. of _____ Other Charges _____

Remarks: _____ Insurance _____

TOOL SAMPLE: 100% DM Total _____

Time Set Packer(s) 11:48 P.M. A.M. P.M. Time Started Off Bottom 1:48 A.M. A.M. P.M. Maximum Temperature 94

Initial Hydrostatic Pressure..... (A) 1,619 P.S.I.

Initial Flow Period..... Minutes 30 (B) 23 P.S.I. to (C) 26 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 54 P.S.I.

Final Flow Period..... Minutes 30 (E) 26 P.S.I. to (F) 28 P.S.I.

Final Closed In Period..... Minutes 30 (G) 41 P.S.I.

Final Hydrostatic Pressure..... (H) 1,619 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
Well Name WIDENER #7-26
Unique Well ID DST #4 ARBUCKLE 3,535' - 3,615'
Surface Location SEC 26-21S-12W STAFFORD COUNTY, KS
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL DRILL-STEM TEST
Formation DST #4 ARBUCKLE 3,535' - 3,615'
Well Fluid Type 01 Oil

Representative ROGER D. FRIEDLY
Well Operator L.D. DRILLING, INC.
Report Date 2011/11/28
Prepared By ROGER D. FRIEDLY

Qualified By KIM SHOEMAKER

Start Test Date 2011/11/28
Final Test Date 2011/11/28

Start Test Time 11:58:00
Final Test Time 18:38:00

Test Recovery:

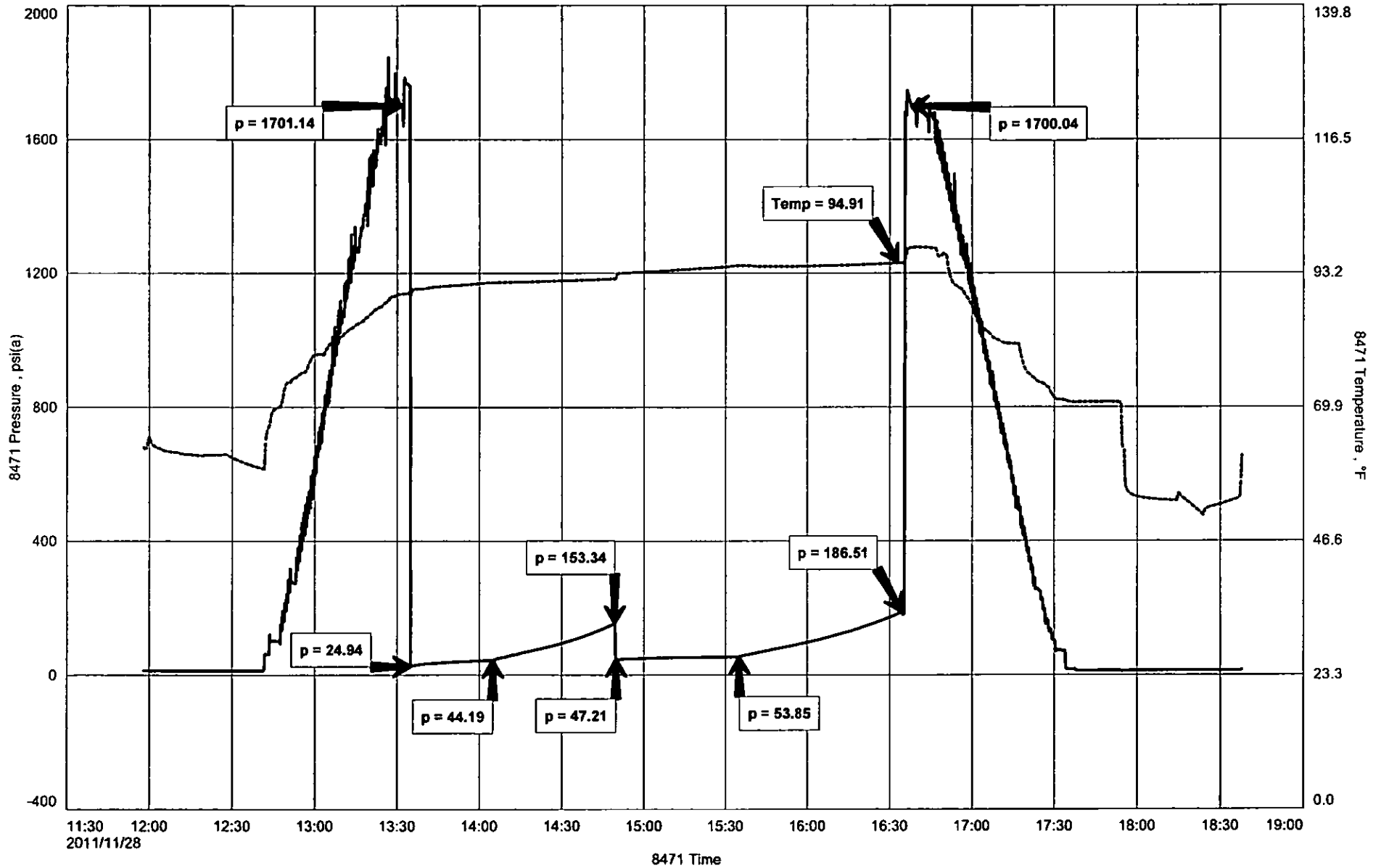
RECOVERED: 120' GAS IN PIPE
65' G&OCM 2% GAS, 15% OIL, 83% MUD
65' TOTAL FLUID

TOOL SAMPLE: 5% GAS, 78% OIL, 17% MUD

L.D. DRILLING, INC.
DST #4 ARBUCKLE 3,535' - 3,615'
Start Test Date: 2011/11/28
Final Test Date: 2011/11/28

WIDENER #7-26
Formation: DST #4 ARBUCKLE 3,535' - 3,615'

WIDENER #7-26





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: WIDENER7-26DST4

TIME ON: 11:58

TIME OFF: 18:38

Company L.D. DRILLING, INC. Lease & Well No. WIDENER #7-26
Contractor PETROMARK # 2 Charge to L.D. DRILLING, INC.
Elevation 1,839 KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. _____
Date 11.28.11 Sec. 26 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 3,535 ft. to 3,615 ft. Total Depth 3,615 ft.
Packer Depth 3,530 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3,535 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3,516 ft. Recorder Number 8471 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 3,612 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 56 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 8.8 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 7,600 P.P.M. Drill Pipe Length 3,382 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 80 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 32" DP IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/2" BLOW INCREASING TO 7 3/4" (W 1/8"BB)
2nd Open: WEAK 1/2" BLOW INCREASING TO 6 1/2" ()

Recovered 120 ft. of GAS IN PIPE
Recovered 65 ft. of G&OCM 2% GAS, 15% OIL, 83% MUD
Recovered 65 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>DIESEL IN BUCKET</u>	Insurance
<u>39.6 GRAVITY @ 60 deg.</u>	
TOOL SAMPLE: <u>5% GAS, 78% OIL, 17% MUD</u>	Total

Time Set Packer(s) 1:35 P.M. A.M. P.M. Time Started Off Bottom 4:35 P.M. A.M. P.M. Maximum Temperature 95
Initial Hydrostatic Pressure..... (A) 1,701 P.S.I.
Initial Flow Period..... Minutes 30 (B) 25 P.S.I. to (C) 44 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 153 P.S.I.
Final Flow Period..... Minutes 45 (E) 47 P.S.I. to (F) 54 P.S.I.
Final Closed In Period..... Minutes 60 (G) 187 P.S.I.
Final Hydrostatic Pressure..... (H) 1,700 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.	Representative	ROGER D. FRIEDLY
Contact	L.D. DAVIS	Well Operator	L.D. DRILLING, INC.
Well Name	WIDENER #7-26	Report Date	2011/11/29
Unique Well ID	DST #5 ARBUCKLE 3,613' - 3,628'	Prepared By	ROGER D. FRIEDLY
Surface Location	SEC 26-21S-12W STAFFORD COUNTY, KS	Qualified By	KIM SHOEMAKER
Field	WILDCAT		
Well Type	Vertical		
Test Type	CONVENTIONAL DRILL-STEM TEST		
Formation	DST #5 ARBUCKLE 3,613' - 3,628'		
Well Fluid Type	01 Oil		
Start Test Date	2011/11/28	Start Test Time	23:15:00
Final Test Date	2100/11/29	Final Test Time	06:37:00

Test Recovery:

RECOVERED:	60'	GAS IN PIPE
	60'	SLTW&OCM 18% OIL, 2% WTR, 80% MUD
	60'	G&OCWM 2% GAS, 10% OIL, 24% WTR, 64% MUD
	120'	TOTAL FLUID

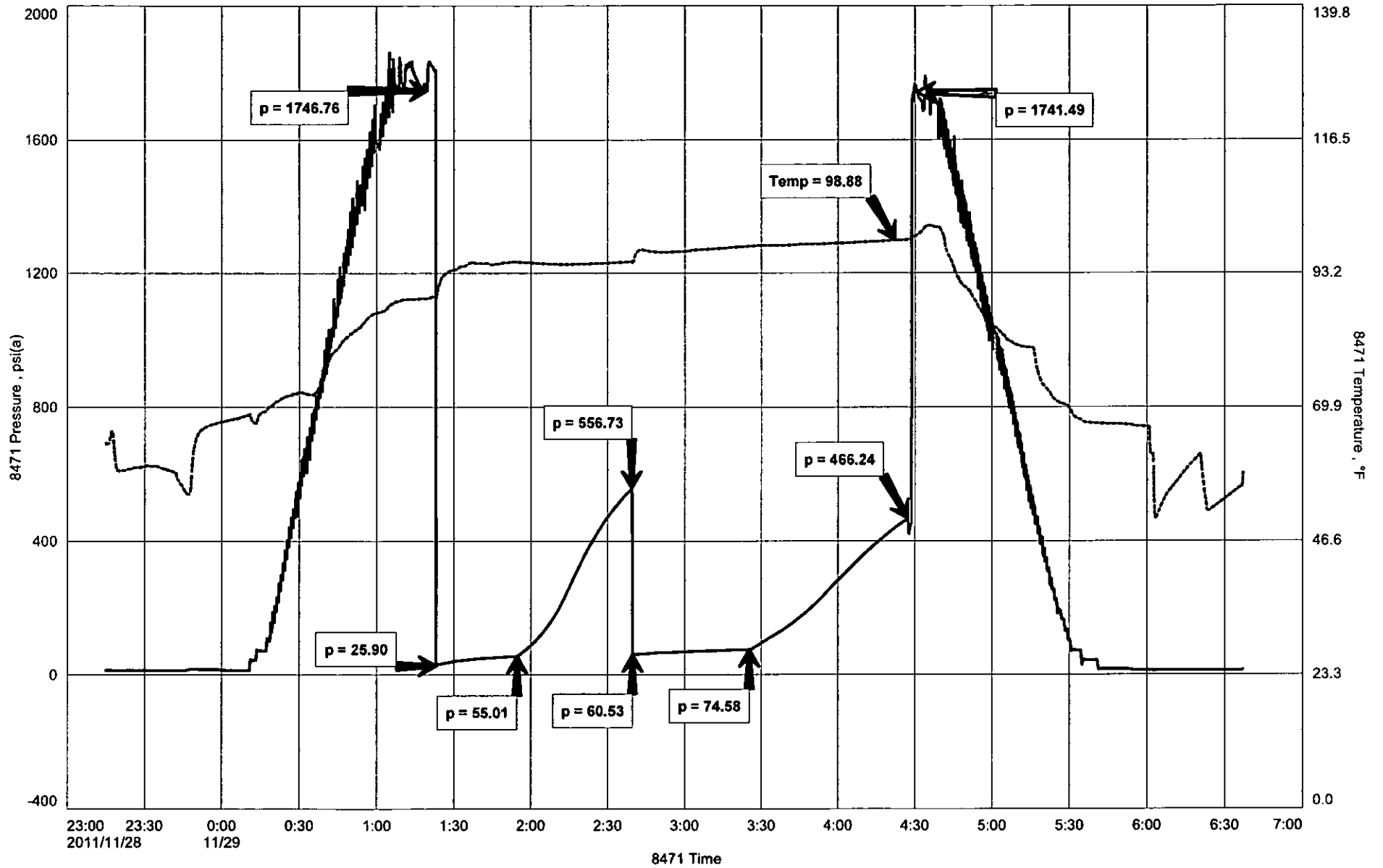
TOOL SAMPLE: 2% GAS, 18% OIL, 25% WTR, 55% MUD

CHLORIDES: 12,000 Ppm
PH: 7.5
RW: .42 @ 62 deg,

L.D. DRILLING, INC.
DST #5 ARBUCKLE 3,613' - 3,628'
Start Test Date: 2011/11/28
Final Test Date: 2100/11/29

WIDENER #7-26
Formation: DST #5 ARBUCKLE 3,613' - 3,628'

WIDENER #7-26





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: WIDENER7-26DST5

TIME ON: 23:15 (11.28)
TIME OFF: 06:37 (11.29)

Company L.D. DRILLING, INC. Lease & Well No. WIDENER #7-26
Contractor PETROMARK # 2 Charge to L.D. DRILLING, INC.
Elevation 1,839 KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. _____
Date 11.29.11 Sec. 26 Twp. 21 S Range 12 W County STAFFORD State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 5 Interval Tested from 3,613 ft. to 3,628 ft. Total Depth 3,628 ft.
Packer Depth 3,608 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3,613 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3,594 ft. Recorder Number 8471 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 3,625 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 58 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 7,600 P.P.M. Drill Pipe Length 3,469 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 15 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 7" (W 1/8"BB)
2nd Open: WEAK 1/2" BLOW INCREASING TO 5 1/2" (W 1/8"BB)

Recovered 60 ft. of GAS IN PIPE
Recovered 60 ft. of SLTW&OCM 18% OIL, 2% WTR, 80% MUD
Recovered 60 ft. of G&OCWM 2% GAS, 10% OIL, 24% WTR, 64% MUD
Recovered 120 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>DIESEL IN BUCKET</u>	Insurance
TOOL SAMPLE: <u>2% GAS, 18% OIL, 25% WTR, 55% MUD</u>	Total

Time Set Packer(s) 1:23 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 4:23 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 99
Initial Hydrostatic Pressure..... (A) 1,747 P.S.I.
Initial Flow Period..... Minutes 30 (B) 26 P.S.I. to (C) 55 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 557 P.S.I.
Final Flow Period..... Minutes 45 (E) 61 P.S.I. to (F) 75 P.S.I.
Final Closed In Period..... Minutes 60 (G) 466 P.S.I.
Final Hydrostatic Pressure..... (H) 1,742 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. DILLING, INC.	Representative	ROGER D. FRIEDLY
Contact	L.D. DAVIS	Well Operator	L.D. DRILLING, INC.
Well Name	WIDENER #7-26	Report Date	2011/11/29
Unique Well ID	DST #6 ARBUCKLE 3,625' - 3,637'	Prepared By	ROGER D. FRIEDLY
Surface Location	SEC 26-21S-12W STAFFORD COUNTY, KS	Qualified By	KIM SHOEMAKER
Field	WILDCAT		
Well Type	Vertical		
Test Type	CONVWENTIONAL DRILL-STEM TEST		
Formation	DST #6 ARBUCKLE 3,625' - 3,538'		
Well Fluid Type	01 Oil		
Start Test Date	2011/11/29	Start Test Time	10:51:00
Final Test Date	2011/11/29	Final Test Time	18:15:00

Test Recovery:

RECOVERED:	30'	GAS IN PIPE
	5'	CLEAN OIL 38.6 GRAVITY @ 60 deg.
	25'	OCWM 8% OIL, 28% WTR, 64% MUD
	120'	MW 64% WTR, 36% MUD - SCUM OF OIL
	150'	TOTAL FLUID

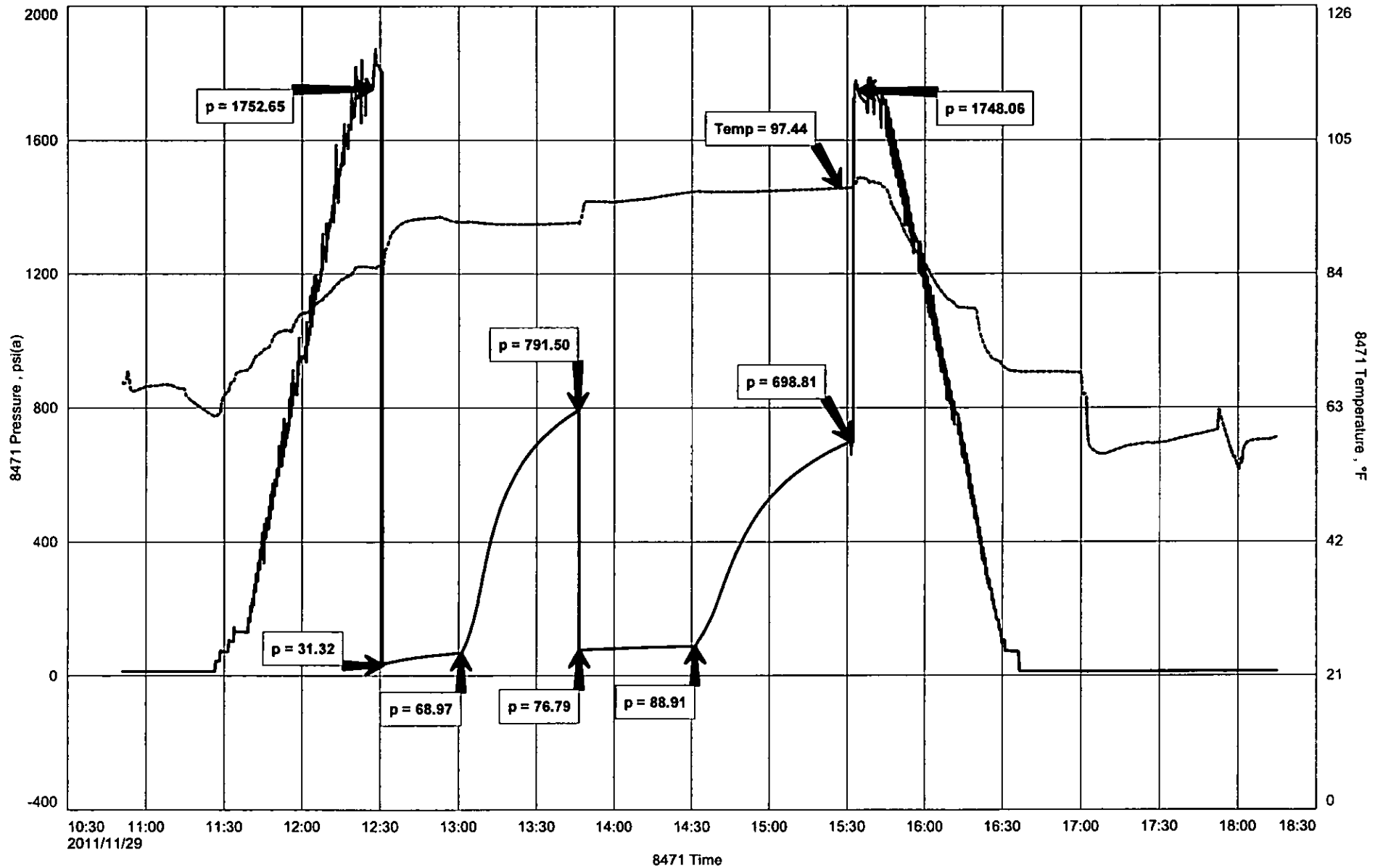
TOOL SAMPLE: 2% OIL, 75% WTR, 23% MUD

CHLORIDES: 20,000 Ppm
PH: 7.0
RW: .38 @ 57 deg.

L.D. DILLING, INC.
DST #6 ARBUCKLE 3,625' - 3,637'
Start Test Date: 2011/11/29
Final Test Date: 2011/11/29

WIDENER #7-26
Formation: DST \$6 ARBUCKLE 3,625' - 3,538'

WIDENER #7-26





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: WIDENER7-26DST6

TIME ON: 10:51
TIME OFF: 18:15

Company L.D. DRILLING, INC. Lease & Well No. WIDENER #7-26
Contractor PETROMARK # 2 Charge to L.D. DRILLING, INC.
Elevation 1,839 KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. _____
Date 11.29.11 Sec. 26 Twp. 21 S Range 12 W County STAFFORD State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 6 Interval Tested from 3,625 ft. to 3,637 ft. Total Depth 3,637 ft.
Packer Depth 3,620 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3,625 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) _____ 3,606 ft. Recorder Number _____ 8471 Cap. _____ 10,000 P.S.I.
Bottom Recorder Depth (Outside) _____ 3,634 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 58 Drill Collar Length _____ 120 ft. I.D. _____ 2 1/4 in.
Weight 9.1 Water Loss 9.2 cc. Weight Pipe Length _____ 0 ft. I.D. _____ 2 7/8 in.
Chlorides _____ 7,600 P.P.M. Drill Pipe Length _____ 3,472 ft. I.D. _____ 3 1/2 in.
Jars: Make STERLING Serial Number #4 Test Tool Length _____ 33 ft. Tool Size 3 1/2-FH 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: WEAK 3/4" BLOW INCREASING TO 6" (W 1/4"BB)
2nd Open: WEAK 1/2" BLOW INCREASING TO 5" (W 1/4"BB)

Recovered <u>30</u> ft. of <u>GAS IN PIPE</u>		
Recovered <u>5</u> ft. of <u>CLEAN OIL 38.6 GRAVITY @ 60 deg</u>		
Recovered <u>25</u> ft. of <u>OCWM 8% OIL, 28% WTR, 64% MUD</u>		
Recovered <u>120</u> ft. of <u>MW 64% WTR, 36% MUD - SCUM OF OIL</u>		
Recovered <u>150</u> ft. of <u>TOTAL FLUID</u>	<u>CHLORIDES: 20,000 Ppm</u>	Price Job
Recovered _____ ft. of _____	<u>PH 7.0</u>	Other Charges
Remarks: <u>DIESEL IN BUCKET</u>	<u>RW .38 @ 58 deg.</u>	Insurance
<u>TOOL SAMPLE: 2% OIL, 75% WTR, 23% MUD</u>		Total

Time Set Packer(s) 12:31 P.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 3:31 P.M. ^{A.M.}/_{P.M.} Maximum Temperature 97

Initial Hydrostatic Pressure..... (A) 1,753 P.S.I.
Initial Flow Period..... Minutes 30 (B) 31 P.S.I. to (C) 69 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 792 P.S.I.
Final Flow Period..... Minutes 45 (E) 77 P.S.I. to (F) 89 P.S.I.
Final Closed In Period..... Minutes 60 (G) 699 P.S.I.
Final Hydrostatic Pressure..... (H) 1,748 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.