



**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

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

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1072989

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ 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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</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	CLARK 2-33
Doc ID	1072989

All Electric Logs Run

DUAL COMPENSATED POROSITY LOG
DUAL INDUCTION LOG
MICRORESISTIVITY LOG
BOREHOLE COMPENSATED SONIC LOG

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	CLARK 2-33
Doc ID	1072989

Tops

Name	Top	Datum
ANHYDRITE	690	+1186
STOTLER	2775	-899
HEEBNER	3423	-1547
BROWN LIME	3583	-1707
LANSING	3612	-1736
BASE KANSAS CITY	3913	-2037
MISSISSIPPI	4022	-2146
VIOLA	4073	-2197
SIMPSON	4147	-2271
ARBUCKLE	4230	-2354



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET  
1718 05047 A

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

DATE OF JOB: 11-16-11	DISTRICT: Pratt	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	LEASE: Clark	WELL NO. 2-33								
ADDRESS:	COUNTY: Stafford	STATE: KS								
CITY:	STATE:	SERVICE CREW: Orlando, Lawrence, McCaskey								
AUTHORIZED BY:	JOB TYPE: CNW 8 1/2 Surface									
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
27283	42						11-16-11			6:00
19903-19905	42					ARRIVED AT JOB				7:00
19832-21010	42					START OPERATION				9:30
						FINISH OPERATION				10:00
						RELEASED				11:00
						MILES FROM STATION TO WELL				15

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 103	60/40 Poz	sq	400		4800.00
CC 102	Cell Stake	ea	100		370.00
CC 109	Calcium Chloride	lb	1032		1083.60
CF 153	Welder Cement 55/84	ea	1		160.00
E 100	Heavy Equipment Mule	mi	15		63.75
E 101	Heavy Equipment Mule	mi	30		210.00
E 113	Bulk Delivery	tn	258		412.80
CE 200	Depth Charge 0-500	ea	1		1000.00
CE 240	Blending Machine Charge	sq	400		5600.00
CE 504	Pipe Cap	ea	1		256.00
S003	Service Supplies	ea	1		175.00

SUB TOTAL 7177.27

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: Steve Orlando	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: John Lambrester (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.

Customer <i>L.D. Dillon</i>	Lease No.	Date <i>11-16-11</i>
Lease <i>Clark</i>	Well # <i>2-33</i>	
Field Order # <i>5007</i>	Station <i>Pratt</i>	Casing <i>8 5/8 24"</i>
	Depth <i>1109</i>	County <i>St. R. Co</i>
Type Job <i>CNW - 8 5/8 Surc</i>	Formation	Legal Description <i>33-25-10</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>8 5/8</i>	Tubing Size <i>4 1/2</i>	Shots/Ft <i>400</i>		Acid <i>60/40</i>	RATE	PRESS	ISIP
Depth <i>1109</i>	Depth	From	To	Pre Pad <i>320cc 4" Col</i>	Max		5 Min.
Volume <i>26.9</i>	Volume	From	To	Pad	Min		10 Min.
Max Press <i>500</i>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <i>378</i>	Packer Depth	From	To	Flush <i>25.3</i>	Gas Volume		Total Load

Customer Representative <i>John Ambush</i>	Station Manager <i>Steve</i>	Treater <i>Steve Galindo</i>
Service Units <i>07773 19903/19905 19832/21010</i>		
Driver Names <i>00000 Lawrence McCaskey</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>7:00 PM</i>					<i>Dr. Kelly - Safety Meeting</i>
					<i>Run 1109 8 5/8 casing</i>
					<i>Check for Bottom</i>
					<i>Change Line w/ Ris</i>
<i>9:30</i>	<i>250</i>		<i>86</i>	<i>14.8</i>	<i>1109 40/40 port @ 14.8 gal</i>
					<i>Release Plug</i>
<i>9:50</i>	<i>0</i>				<i>Start 1109 Displacement</i>
<i>9:58</i>	<i>200</i>				<i>Connect to Surface</i>
<i>10:00</i>	<i>200</i>				<i>Plug Down - Connect Staged Inc. 11</i>
					<i>Circulation Into Job</i>
					<i>Circulated 8 bbls cement Top 11</i>
					<i>Job Complete</i>
					<i>Thanks Steve</i>



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ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET  
1718 150628BA

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

DATE OF JOB 11-24-11	DISTRICT PRATT KS	NEW WELL <input 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	LEASE CLARK	2-33	WELL NO.							
ADDRESS	COUNTY STAYFORD	STATE KS								
CITY	STATE	SERVICE CREW Sullivan, Matson, Hunter								
AUTHORIZED BY	JOB TYPE: C/W 5/24/11									
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
23708-20920	45						11-24-11			5:20
19832-4010	45					ARRIVED AT JOB				6:45
37900						START OPERATION				8:00
						FINISH OPERATION				6:45
						RELEASED				7:15
						MILES FROM STATION TO WELL				15

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 100	Common cement	BT	200		3,200.00
CP 102	60/40 port cement	BT	50		600.00
CC 113	CAL Set	BT	940		70.500
PC 200	CMT act	BT	15	376	94.00
CF 103	TOP Rubber Plug	SA	1		105.00
CF 251	Spud. Strap	SA	1		250.00
PF 1451	Flange - 5/8" x 1 1/2"	SA	1		215.00
PF 1051	Turbolizer	SA	7		770.00
PC 151	rod tool	ML	1000		60.00
P 102	Pickup	ML	15		63.75
E 101	Heavy	BT	30		210.00
E 113	ROD	TM	173		277.20
CE 205	Drill pipe 1 1/2" - 5000	SA	1		2,520.00
CE 240	1 1/2" - 250	SA	250		350.00
PE 504	Flow Controller (Nest)	SA	1		250.00
5003	Equip Support	SA	1		175.00

SUB TOTAL  
8,409.51

CHEMICAL / ACID DATA:			

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

Thank you  
TOTAL

SERVICE REPRESENTATIVE <i>Robert Johnson</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>L.D. Drilling By D. Smith</i>
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <i>L.D. Drilling</i>	Lease No.	Date <i>11-24-11</i>	
Lease <i>CLARK</i>	Well # <i>2-33</i>		
Field Order # <i>5062</i>	Station <i>PRATT KS</i>	Casing <i>5 1/2</i>	Depth <i>4295</i>
Type Job <i>CNW 5 1/2 long STW</i>	Formation	County <i>STAFFORD</i>	State <i>KS</i>
		Legal Description <i>33-25-12</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<i>5 1/2</i>				Pre Pad	Max		5 Min.
Depth <i>4295</i>	Depth	From	To	Pad	Min		10 Min.
Volume <i>103</i>	Volume	From	To	Frac	Avg		15 Min.
Max Press <i>1,500</i>	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection <i>PC</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load
Plug Depth <i>420</i>	Packer Depth	From	To				

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>DAVE SCOTT</i>
Service Units <i>37900 33709 20920 19837 21000</i>		
Driver Names <i>Sullivan m. holt</i>	<i>HUNT</i>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>6:45</i>					<i>5 1/2 15.5 csq.</i>
<i>6:50</i>					<i>ASIDE ON BOTTOM</i>
<i>7:00</i>					<i>Hook Rig side</i>
<i>8:00</i>	<i>200</i>		<i>274</i>	<i>5</i>	<i>It mud thick</i>
			<i>5</i>	<i>5</i>	<i>SPACER</i>
				<i>5</i>	<i>mix cont 2200 &amp; comm 1500</i>
					<i>cont mix &amp; shut down. wash, line, Pump</i>
					<i>Release Plug</i>
<i>8:25</i>				<i>5</i>	<i>It Dip</i>
	<i>300</i>		<i>75</i>		<i>lift ps.</i>
	<i>600</i>			<i>4.5</i>	<i>Slow Rate</i>
<i>8:45</i>	<i>1200</i>		<i>102</i>		<i>Plug down</i>
			<i>7</i>		<i>plug RH w/ 30 st</i>
			<i>5</i>		<i>plug RH w/ 20 st</i>
					<i>5013 Complete</i>
					<i>Thank you</i>



# KIM B. SHOEMAKER

CONSULTING GEOLOGIST

315-684-9709 \* WICHITA, KS

## GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY <b>L. D. DRILLING, INC.</b>	ELEVATIONS
LEASE <b># 2-33 CLARK</b>	KB <b>1876</b>
FIELD <b>BONHAM SW</b>	DF _____
LOCATION <b>1050' FNL &amp; 1320' FWL</b>	GL <b>1868</b>
SEC <b>33</b> TWP <b>25s</b> RGE <b>12W</b>	Measurements Are All From <b>1876 KB</b>
COUNTY <b>STAFFORD</b> STATE <b>KANSAS</b>	CASING SURFACE <b>85/8" @ 409'</b>
CONTRACTOR <b>DUKE DRILLING CO. RIG 2</b>	PRODUCTION <b>5 1/2" @</b>
SPUD <b>11-16-11</b> COMP <b>11-21-11</b>	ELECTRICAL SURVEYS
RTD <b>4300</b> LTD <b>4305</b>	DUAL TRD., DEN.S.-N.
MUD UP <b>2500</b> TYPE MUD <b>CHEMICAL</b>	MICRO. SONIC

SAMPLES SAVED FROM **2700** TO **4300**

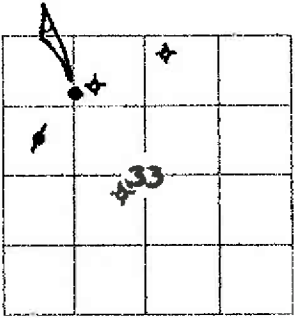
DRILLING TIME KEPT FROM **2600** TO **4300**

SAMPLES EXAMINED FROM **2700** TO **4300**

GEOLOGICAL SUPERVISION FROM **2900** TO **4300**

GEOLOGIST ON WELL **KIM B. SHOEMAKER**

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	690 + 1186	687 + 1189
STOTLER	2775 - 899	2770 - 894
HEEBNER	3423 - 1547	3418 - 1542
BROWN LIME	3583 - 1707	3579 - 1703
LANGING	3612 - 1736	3606 - 1730
B/KC	3913 - 2037	3910 - 2034
MISSISSIPPI	4022 - 2146	4021 - 2145
VIOLA	4073 - 2197	4068 - 2192
SIMPSON	4147 - 2271	4146 - 2270
ARBUCKLE	4230 - 2354	4226 - 2350



REMARKS

API: 15-185-23721

HOT WIRE / CHROM. - 200 3200-70

11-16-11 5900

11-17 @ 409'

11-18 @ 2025'

11-19 @ 2800'

11-20 @ 3500'

11-21 @ 3817'

11-22 @ 3977'

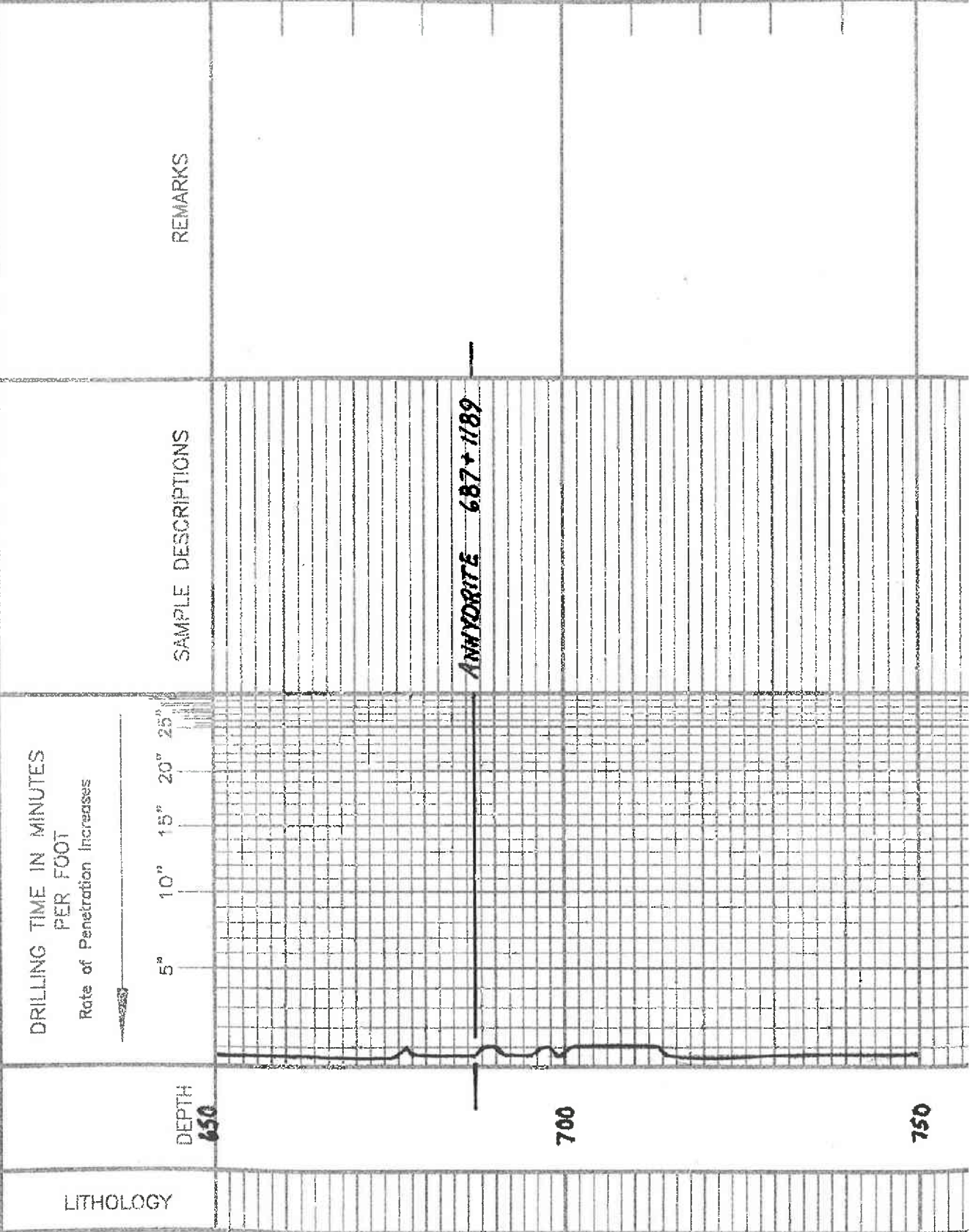
11-23 @ 4066'

11-24 @ 4300'

### LEGEND

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

SHOE01-11



750

2600

2700

2800

WABIANSEE

Samples are tagged

Sh. clay. Co. V. Paleozoic Pl. of sh. 1 mi. N.W.

Sh. clay. Silty

Sh. clay.

STOTLER 2770-894

Sh. clay. Silty

Sh. clay. Silty. Paleozoic Pl. of sh. 1 mi. N.W.

Sh. clay. Silty

Sh. clay.

TARKIO 2833-956

Sh. clay. Silty

Sh. clay. Silty

Sh. clay. Silty

Sh. clay.



GAS DETECTOR ON LOG

3200

VIS: 47  
WT: 93  
ML: 80  
CAL: 6000

3300

← MONITE MW

3400

← MONITE MW

HEESNER 3418-1542

Sh. 24.5' Grd.

Sh. 24'

← 3400 MW

15.0' Sh. Pass. Sh. 24.5' Grd.  
4.0' Grd.

25.0' Sh. Pass. Sh. 24.5' Grd.

Sh. 24.5'

Sh. 24.5' Grd.

Sh. 24.5' Grd.

3500

Sh. Gy. v. sh. silty

Sh. L. Gy. v. sh. silty

**BROWN LIME 3579-1703**

ls. L. Bl. d. sh. fss.

Sh. Gy. L. Gy.

**LANSING 3606-1730**

ls. Tan. L. sh. fss. Sil. A

ls. Sh. Gy. v. sh. fss.

Sh. Gy.

ls. Tan. L. sh. fss. v. sh. chky. P. sh. fss. Sp. Bl. sh. fss. T. P. Dull. Sp. sh. fss. (3606)

ls. Sh. Gy. v. sh. fss.

ls. L. Gy. v. sh. fss. L. chky.

ls. v. sh. Sil. chky.

Sh. Gy.

ls. Sh. fss. Sil. fss.

L. Gy. d.

ls. v. sh. chky.

L. chky.

ls. v. sh. fss. v. sh. Sil. chky.

ls. Tan. Gy. Dull.

Sh. Gy.

ls. v. sh. L. Gy. v. sh. fss. Sil. chky. P. sh. fss. Sp. Bl. sh. fss. T. P. Dull. Sp. sh. fss. (3748)

Sh. Gy.

ls. Tan. Sil. fss. chky. P. sh. fss. Sp. Bl. sh. fss. T. P. No. fss. (3810)

ls. Tan. Gy. Sil. A

ls. Tan. Sil. fss. Sil. chky. P. sh. fss. Sp. Bl. sh. fss. T. P. No. fss. (3810)

ls. v. sh. L. Gy. v. sh. fss. Sil. chky. P. sh. fss. Sp. Bl. sh. fss. T. P. Dull. Sp. sh. fss. (3810)

ls. L. Gy. Dull. chky.

Sh. Gy. Dull.

ls. Tan. L. Bl. v. sh. Sil. chky. P. sh. fss. Sp. Bl. sh. fss. T. P. Dull. Sp. sh. fss. (3810)

**DST (1) 3748-3810**

1000' Blow count to 9' 88' Norm  
Sumpen: " " 834' 88' "

30' 45" 45' 60'

Res. 112' v. 500' (M)

APR 11 31 36 57 (7) 01 34 14 53 14

SIP: 1134 1107'



3600

3700

3800

DST (1)

DST (2)

VIS: 13 WT: 91 W: 84

Cap: 5000

← 128 UNIT (M)

Very High Beck ground

- 1200'



13. 7.44g. Dm. 51.4

**SIMPSON 1416-2270**

Sh. 4.4g.

Sh. 4.5g. 50.4g. 51.2g.

**SIMP. SAND**

Sh. 4.5g. 50.4g. 51.2g. 52.0g. 52.8g. 53.6g. 54.4g. 55.2g. 56.0g. 56.8g. 57.6g. 58.4g. 59.2g. 60.0g. 60.8g. 61.6g. 62.4g. 63.2g. 64.0g. 64.8g. 65.6g. 66.4g. 67.2g. 68.0g. 68.8g. 69.6g. 70.4g. 71.2g. 72.0g. 72.8g. 73.6g. 74.4g. 75.2g. 76.0g. 76.8g. 77.6g. 78.4g. 79.2g. 80.0g. 80.8g. 81.6g. 82.4g. 83.2g. 84.0g. 84.8g. 85.6g. 86.4g. 87.2g. 88.0g. 88.8g. 89.6g. 90.4g. 91.2g. 92.0g. 92.8g. 93.6g. 94.4g. 95.2g. 96.0g. 96.8g. 97.6g. 98.4g. 99.2g. 100.0g.

50. 4.5g. 50.4g. 51.2g. 52.0g. 52.8g. 53.6g. 54.4g. 55.2g. 56.0g. 56.8g. 57.6g. 58.4g. 59.2g. 60.0g. 60.8g. 61.6g. 62.4g. 63.2g. 64.0g. 64.8g. 65.6g. 66.4g. 67.2g. 68.0g. 68.8g. 69.6g. 70.4g. 71.2g. 72.0g. 72.8g. 73.6g. 74.4g. 75.2g. 76.0g. 76.8g. 77.6g. 78.4g. 79.2g. 80.0g. 80.8g. 81.6g. 82.4g. 83.2g. 84.0g. 84.8g. 85.6g. 86.4g. 87.2g. 88.0g. 88.8g. 89.6g. 90.4g. 91.2g. 92.0g. 92.8g. 93.6g. 94.4g. 95.2g. 96.0g. 96.8g. 97.6g. 98.4g. 99.2g. 100.0g.

Sh. 4.5g.

4200

Sh. 4.5g. 50.4g. 51.2g.

**ARBUCKLE 4226-2350**

Sh. 4.5g. 50.4g. 51.2g. 52.0g. 52.8g. 53.6g. 54.4g. 55.2g. 56.0g. 56.8g. 57.6g. 58.4g. 59.2g. 60.0g. 60.8g. 61.6g. 62.4g. 63.2g. 64.0g. 64.8g. 65.6g. 66.4g. 67.2g. 68.0g. 68.8g. 69.6g. 70.4g. 71.2g. 72.0g. 72.8g. 73.6g. 74.4g. 75.2g. 76.0g. 76.8g. 77.6g. 78.4g. 79.2g. 80.0g. 80.8g. 81.6g. 82.4g. 83.2g. 84.0g. 84.8g. 85.6g. 86.4g. 87.2g. 88.0g. 88.8g. 89.6g. 90.4g. 91.2g. 92.0g. 92.8g. 93.6g. 94.4g. 95.2g. 96.0g. 96.8g. 97.6g. 98.4g. 99.2g. 100.0g.

Sh. 4.5g. 50.4g. 51.2g. 52.0g. 52.8g. 53.6g. 54.4g. 55.2g. 56.0g. 56.8g. 57.6g. 58.4g. 59.2g. 60.0g. 60.8g. 61.6g. 62.4g. 63.2g. 64.0g. 64.8g. 65.6g. 66.4g. 67.2g. 68.0g. 68.8g. 69.6g. 70.4g. 71.2g. 72.0g. 72.8g. 73.6g. 74.4g. 75.2g. 76.0g. 76.8g. 77.6g. 78.4g. 79.2g. 80.0g. 80.8g. 81.6g. 82.4g. 83.2g. 84.0g. 84.8g. 85.6g. 86.4g. 87.2g. 88.0g. 88.8g. 89.6g. 90.4g. 91.2g. 92.0g. 92.8g. 93.6g. 94.4g. 95.2g. 96.0g. 96.8g. 97.6g. 98.4g. 99.2g. 100.0g.

Sh. 4.5g. 50.4g. 51.2g.

Sh. 4.5g. 50.4g. 51.2g.

Sh. 4.5g.

MISS. WPT. 46.2g.

60.1g.

4300

Sh. 4.5g. 50.4g. 51.2g.

RTD 4300-2424



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: \_\_\_\_\_

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ P.S.I.  
Initial Flow Period..... Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period..... Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
Final Flow Period..... Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period..... Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure..... (H) \_\_\_\_\_ P.S.I.

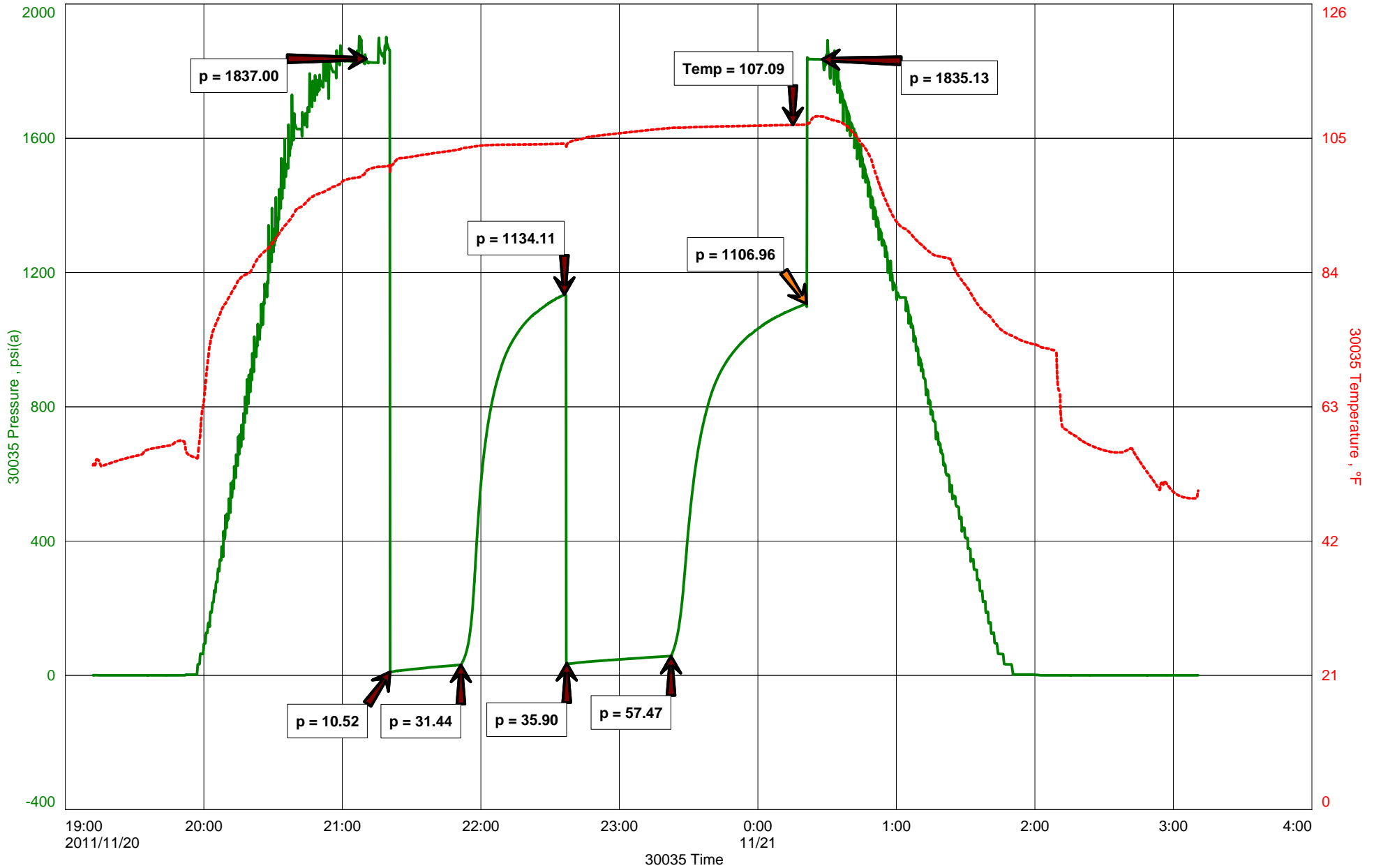
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged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



L.D. Drilling Inc.  
DST# 1 3748-3810' L/KC , H-J  
Start Test Date: 2011/11/20  
Final Test Date: 2011/11/21

Clark #2-33  
Formation: DST# 1 3748-3810' L/KC , H-J  
Pool: Wildcat  
Job Number: S0058

# Clark #2-33



# Diamond Testing

## General information Report

### General Information

**Company Name** L.D. Drilling Inc.

<b>Contact</b>	L.D. Davis	<b>Job Number</b>	S0058
<b>Well Name</b>	Clark #2-33	<b>Representative</b>	Jacob McCallie
<b>Unique Well ID</b>	DST# 1 3748-3810' L/KC , H-J	<b>Well Operator</b>	L.D. Drilling Inc.
<b>Surface Location</b>	SEC 33-25-12 Stafford County	<b>Report Date</b>	2011/11/21
<b>Well License Number</b>		<b>Prepared By</b>	Jacob McCallie
<b>Field</b>	Wildcat		
<b>Well Type</b>	Vertical		

<b>Test Type</b>	Drill Stem Test		
<b>Formation</b>	DST# 1 3748-3810' L/KC , H-J		
<b>Well Fluid Type</b>	01 Oil	<b>Start Test Time</b>	19:12:00
		<b>Final Test Time</b>	03:11:00
<b>Start Test Date</b>	2011/11/20		
<b>Final Test Date</b>	2011/11/21		
<b>Gauge Name</b>	30035		
<b>Gauge Serial Number</b>			

### Test Results

**RECOVERED:**  
112' Oil Specked Watery Mud 1% OIL 34% WTR 65% MUD  
112' TOTAL FLUID

Chlorides: 18,000 ppm  
Ph: 8  
RW: .75 @ 35 degrees F

**TOOL SAMPLE:**  
1% OIL 48% WTR 51% MUD



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(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: \_\_\_\_\_

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

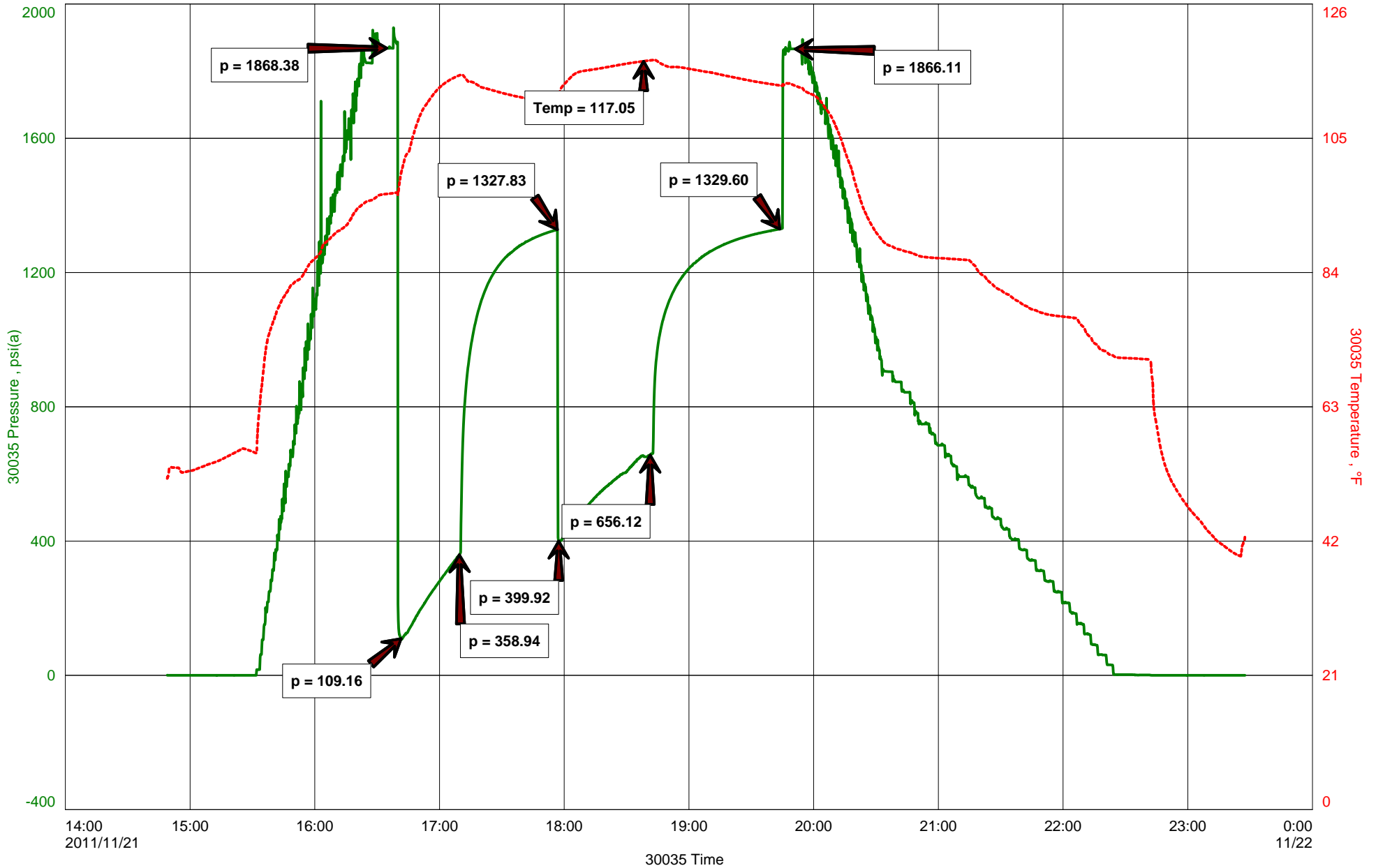
Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ P.S.I.  
Initial Flow Period..... Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period..... Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
Final Flow Period..... Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period..... Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure..... (H) \_\_\_\_\_ P.S.I.

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L.D. Drilling Inc  
DST # 2 3816-3910' L/KC K-L  
Start Test Date: 2011/11/21  
Final Test Date: 2011/11/21

Clark # 2-33  
Formation: DST # 2 3816-3910' L/KC K-L  
Pool: Wildcat  
Job Number: S0059

# Clark # 2-33



# Diamond Testing

## General information Report

### General Information

**Company Name** L.D. Drilling Inc

<b>Contact</b>	L.D. Davis	<b>Job Number</b>	S0059
<b>Well Name</b>	Clark # 2-33	<b>Representative</b>	Jacob McCallie
<b>Unique Well ID</b>	DST # 2 3816-3910' L/KC K-L	<b>Well Operator</b>	L.D. Drilling Inc
<b>Surface Location</b>	SEC 33-25S-12W Stafford County	<b>Report Date</b>	2011/11/21
<b>Well License Number</b>		<b>Prepared By</b>	Jacob McCallie
<b>Field</b>	Wildcat		
<b>Well Type</b>	Vertical		

<b>Test Type</b>	Drill Stem Test		
<b>Formation</b>	DST # 2 3816-3910' L/KC K-L		
<b>Well Fluid Type</b>	01 Oil	<b>Start Test Time</b>	14:49:00
		<b>Final Test Time</b>	23:28:00
<b>Start Test Date</b>	2011/11/21		
<b>Final Test Date</b>	2011/11/21		
<b>Gauge Name</b>	30035		
<b>Gauge Serial Number</b>			

### Test Results

#### RECOVERED:

387'	Oil WTR Gassy Mud	24% Gas	21% Oil	23% Wtr	32% Mud
186'	Clean Oil	100% Oil			
992'	Oil Specked Mud Cut WTR	1% Oil	97% WTR	2% Mud	
1565'	TOTAL FLUID				

Chlorides: 88,000 ppm

Ph: 7

RW: .18 @ 35 degrees F

Gravity: 36 @ 60 degress F

#### TOOL SAMPLE:

3% OIL 55% WTR 42% MUD



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(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: \_\_\_\_\_

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

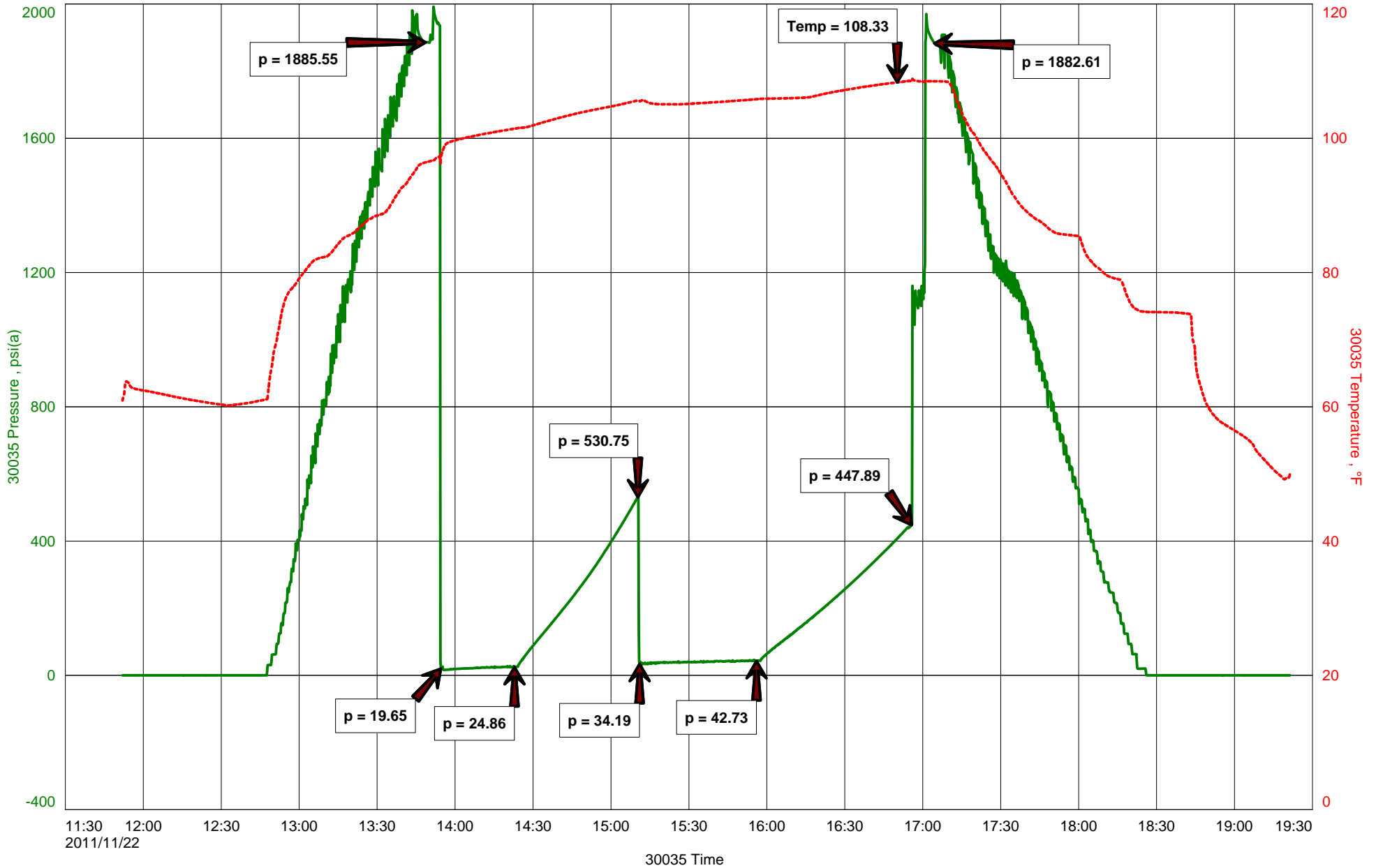
Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ P.S.I.  
Initial Flow Period..... Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period..... Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
Final Flow Period..... Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period..... Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure..... (H) \_\_\_\_\_ P.S.I.

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L.D. Drilling Inc  
DST # 3 3947-4033' Miss  
Start Test Date: 2011/11/22  
Final Test Date: 2011/11/22

Clark # 2-33  
Formation: DST # 3 3947-4033' Miss  
Pool: Wildcat  
Job Number: S0060

# Clark # 2-33



# Diamond Testing

## General information Report

### General Information

**Company Name** L.D. Drilling Inc

<b>Contact</b>	L.D. Davis	<b>Job Number</b>	S0060
<b>Well Name</b>	Clark # 2-33	<b>Representative</b>	Jacob McCallie
<b>Unique Well ID</b>	DST # 3 3947-4033' Miss	<b>Well Operator</b>	L.D. Drilling Inc
<b>Surface Location</b>	SEC 33-25S-12W Stafford County	<b>Report Date</b>	2011/11/22
<b>Well License Number</b>		<b>Prepared By</b>	Jacob McCallie
<b>Field</b>	Wildcat		
<b>Well Type</b>	Vertical		

<b>Test Type</b>	Drill Stem Test		
<b>Formation</b>	DST # 3 3947-4033' Miss		
<b>Well Fluid Type</b>	01 Oil	<b>Start Test Time</b>	11:52:00
		<b>Final Test Time</b>	19:22:00
<b>Start Test Date</b>	2011/11/22		
<b>Final Test Date</b>	2011/11/22		
<b>Gauge Name</b>	30035		
<b>Gauge Serial Number</b>			

### Test Results

**RECOVERED:**  
1674' GAS IN PIPE  
87' Oil Specked Mud 100% MUD  
87' TOTAL FLUID

**CHLORIDES:** 15,000 ppm  
**PH:** 7

**TOOL SAMPLE:**  
8% GAS 8% OIL 22% WTR 62% MUD





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P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: \_\_\_\_\_

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

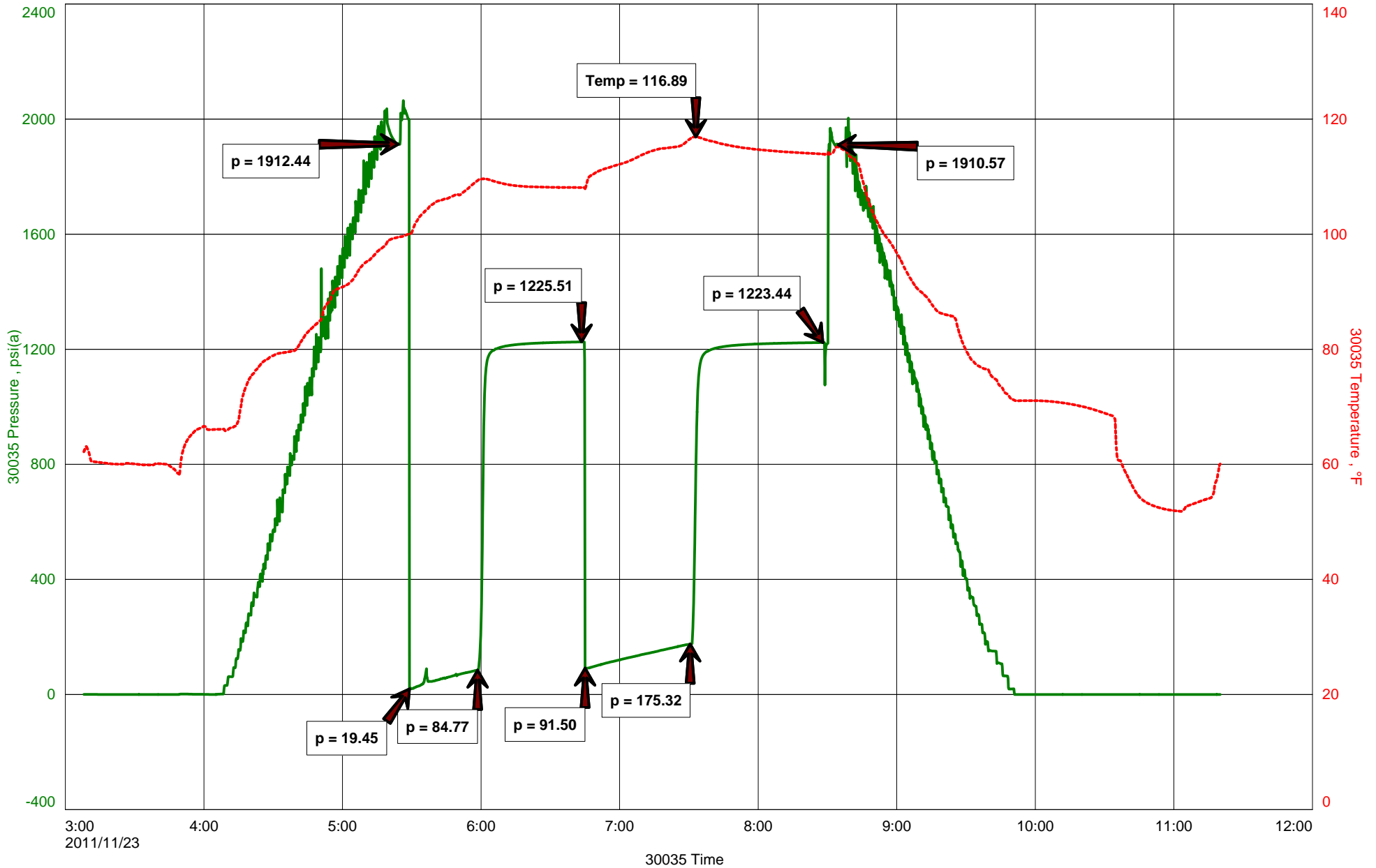
Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ P.S.I.  
Initial Flow Period..... Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period..... Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
Final Flow Period..... Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period..... Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure..... (H) \_\_\_\_\_ 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.

L.D. Drilling Inc.  
DST # 4 4030-4084' Viola  
Start Test Date: 2011/11/23  
Final Test Date: 2011/11/23

Clark # 2-33  
Formation: DST # 4 4030-4084' Viola  
Pool: Wildcat  
Job Number: S0061

# Clark # 2-33



# Diamond Testing

## General information Report

### General Information

**Company Name** L.D. Drilling Inc.

<b>Contact</b>	L.D. Davis	<b>Job Number</b>	S0061
<b>Well Name</b>	Clark # 2-33	<b>Representative</b>	Jacob McCallie
<b>Unique Well ID</b>	DST # 4 4030-4084' Viola	<b>Well Operator</b>	L.D. Drilling Inc.
<b>Surface Location</b>	SEC 33-25S-12W Stafford County	<b>Report Date</b>	2011/11/23
<b>Well License Number</b>		<b>Prepared By</b>	Jacob McCallie
<b>Field</b>	Wildcat		
<b>Well Type</b>	Vertical		

<b>Test Type</b>	Drill Stem Test	<b>Start Test Time</b>	03:08:00
<b>Formation</b>	DST # 4 4030-4084' Viola	<b>Final Test Time</b>	11:20:00
<b>Well Fluid Type</b>	01 Oil		
<b>Start Test Date</b>	2011/11/23		
<b>Final Test Date</b>	2011/11/23		
<b>Gauge Name</b>	30035		
<b>Gauge Serial Number</b>			

### Test Results

#### RECOVERED:

332'	GIP		
102'	Oil Cut Watery Mud	2% Oil	10% Wtr 88% Mud
248'	Oil Specked Gas Cut Muddy WTR	11% Gas	1% Oil 56% Wtr 32% Mud
350'	TOTAL FLUID		

Chlorides: 42,000 ppm  
Ph: 7  
RW: .24 @ 48 degress F

#### TOOL SAMPLE:

1% Oil 98% WTR 1% Mud