



**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: \_\_\_\_\_



1048604

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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**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 1907 A

10-215-12W

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

DATE OF JOB: 4-29-10		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: Stan		WELL NO: 2-10						
ADDRESS:		COUNTY: Stafford		STATE: Kansas						
CITY:		STATE:		SERVICE CREW: C. Messick: M. Mattal: M. McGraw						
AUTHORIZED BY:		JOB TYPE: C.N.W. - <del>Longstring</del> Surface								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
19,866	.5						4-28-10			10:00
						ARRIVED AT JOB	4-29-10			12:05
						START OPERATION				1:30
19,903-19,905	.5					FINISH OPERATION				2:00
19,826-19,860	.5					RELEASED	4-29-10			2:30
						MILES FROM STATION TO WELL				50

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	sk	375	\$	6,000 00
CC 102	Cell flatre	Lb	94	\$	347 80
CC 109	Calcium Chloride	Lb	1,059	\$	1,111 95
CC 200	Cement Gel	Lb	706	\$	176 50
CF 153	Wooden Plug, 8 5/8"	ea	1	\$	160 00
E 100	Pickup Mileage	mi	50	\$	212 50
E 101	Heavy Equipment Mileage	mi	100	\$	700 00
E 113	Bulk Delivery	tm	883	\$	1,412 00
CE 200	Cement Pump: 0 Feet To 500 Feet	Job	1	\$	1,000 00
CE 240	Blending and Mixing Service	sk	375	\$	525 00
CE 504	Plug Container	Job	1	\$	250 00
S003	Service Supervisor	Job	1	\$	175 00

SUB TOTAL \$ 6,276 79

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: Lawrence R. Messick	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Steve Cooke #3669
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FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer L.D. Drilling, Incorporated	Lease No. Lease Stan	Well # 2-10	Date 4-29-10
Field Order # 1907	Station Pratt, Kansas	Casing 8 7/8 23lb.	Depth 342 Feet
Type Job C.N.W. - Surface	County Stafford	State Kansas	Legal Description 10-215-12W

PIPE DATA		PERFORATING DATA		CEMENT USED	TREATMENT RESUME		
Casing Size 8 7/8 23lb./ft.	Tubing Size 2 3/8 Bbl.	Shots/Ft 375	From 28 Feet	375 sacks Common Cement with 38 Calcium Chloride, 6.50 Gal. Cellflote	RATE	BRESS	ISIP
Depth 342 Feet	Volume 21.8 Bbl.	From	To	Max 300 P.S.I.	Min 1.36 CU. FT./SK.		6 Min. 10 Min.
Well Connection Plug Container	Annulus Vol.	From	To	HHP Used			Annulus Pressure
Plug Depth 32 Feet	Packer Depth	From	To	Flush 21 Bbl. Fresh Water	Gas Volume		Total Load

Customer Representative: L.D. Davis      Station Manager: David Scott      Treater: Clarence R. Messick

Service Units	19,866	19,903	19,905	19,826	19,860
Driver Names	Messick	Mattal	M. McGraw		

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:30	4-28-10				Cementer on location.
1:10					Truck on location and hold safety meeting.
11:15					Petromark Drilling start to run 8 Joints new 23lb./ft. (8 7/8) casing.
12:00					Casing in well. Circulate for 75 minutes.
1:30	275			5	Start Fresh Water Pre-Flush.
	275		10	5	Start mixing 375 sacks common cement.
	-0-		100		Stop pumping. Shut in well. Release Wooden Plug. Open Well.
1:45	150			5	Start Fresh Water Displacement.
1:50	300		21		Plug down. Shut in Well.
					Circulated 5 sacks cement to pit.
					Wash up pump truck.
2:30					Job Complete.
					Thank You.
					Clarence, M. Mattal, M. McGraw



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 PRESSURE PUMPING & WIRELINE

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

**FIELD SERVICE TICKET**

**1718 1888 A**

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

DATE OF JOB <b>5-3-10</b> DISTRICT <b>PRATT, Ks.</b>		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 <b>L.D. DRILLING</b>		LEASE <b>STAN</b> WELL NO. <b>2-10</b>								
ADDRESS _____		COUNTY <b>STAFFORD</b> STATE <b>Ks.</b>								
CITY _____ STATE _____		SERVICE CREW <b>LESLEY, VEATCH, COLEMAN</b>								
AUTHORIZED BY _____		JOB TYPE: <b>CNW-PLUG JOB</b>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<b>27283</b>	<b>1.5</b>						<b>5-3-10</b>			<b>8:00</b>
<b>27463</b>	<b>1.5</b>					ARRIVED AT JOB				<b>9:30</b>
<b>19831/19862</b>	<b>1.5</b>					START OPERATION				<b>10:30</b>
						FINISH OPERATION				<b>11:58</b>
						RELEASED				<b>12:30</b>
						MILES FROM STATION TO WELL				<b>50</b>

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
<b>CP 103</b>	<b>60140 POZ</b>	<b>SK</b>	<b>200</b>		<b>2,400.00</b>
<b>CC 200</b>	<b>CEMENT GEL</b>	<b>lb</b>	<b>344</b>		<b>86.00</b>
<b>E 100</b>	<b>PICKUP MILEAGE CHARGE</b>	<b>MI</b>	<b>50</b>		<b>212.50</b>
<b>E 101</b>	<b>HEAVY EQUIPMENT MILEAGE</b>	<b>MI</b>	<b>100</b>		<b>700.00</b>
<b>E 113</b>	<b>BULK DELIVERY CHARGE</b>	<b>TM</b>	<b>430</b>		<b>688.00</b>
<b>CE 204</b>	<b>DEPTH CHARGE; 3001'-4000'</b>	<b>HRS</b>	<b>1-4</b>		<b>2,160.00</b>
<b>CE 240</b>	<b>BLENDING SERVICE CHARGE</b>	<b>SK</b>	<b>200</b>		<b>280.00</b>
<b>S 003</b>	<b>SERVICE SUPERVISOR</b>	<b>EA</b>	<b>1</b>		<b>175.00</b>

SUB TOTAL # **4,087.92**

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	<b>DLS</b>
TOTAL		

SERVICE REPRESENTATIVE / <b>Shawn Lesley</b>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <b>Shawn EPP</b>
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <b>L.D. DRILLING</b>	Lease No.	Date <b>5-4-10</b>
Lease <b>STAN</b>	Well # <b>2-10</b>	
Field Order # <b>1888</b>	Station <b>PRATT, KS.</b>	Casing
Type Job <b>CNW - PLUG</b>	Depth	County <b>STAFFORD</b>
	Formation	State <b>KS.</b>
		Legal Description <b>10-21-12</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	<b>CMT</b>	Acid	<b>200SK-60/40</b>	POZ RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	<b>@ 1.42 CUFT<sup>3</sup></b>	Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press <b>500</b>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection <b>SWEDGE</b>	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative <b>L.D.</b>	Station Manager <b>D. SCOTT</b>	Treater <b>K. LESLEY</b>
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Service Units	<b>27283</b>	<b>27463</b>	<b>19831</b>	<b>19862</b>					
Driver Names	<b>LESLEY</b>	<b>VENTCH</b>	<b>E. COLEMAN</b>	<b>AN</b>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:30pm					ON LOCATION SAFETY MEETING
10:30pm					1 <sup>ST</sup> PLUG - 50SK @ 3497'
10:31pm			15	6	
10:33pm			10	6	
10:34pm			4	6	H <sub>2</sub> O BEHIND
10:40pm			40	7	MUD DISPLACEMENT
					2 <sup>ND</sup> PLUG - 50SK @ 690'
11:00pm			10	6	H <sub>2</sub> O AHEAD
11:01pm			10	6	MIX CMT @ 13.8#/GAL
11:03pm			8	6	H <sub>2</sub> O BEHIND CMT
					3 <sup>RD</sup> PLUG - 50SK - 360'
11:27pm			10	6	H <sub>2</sub> O AHEAD
11:28pm			10	6	MIX CMT @ 13.8#/GAL
11:30pm			4	6	H <sub>2</sub> O BEHIND CMT
					4 <sup>TH</sup> PLUG - 20SK - 100'
11:57pm			5	5	MIX CMT @ 13.8#/GAL
11:58pm			5	6	CMT TO SURFACE
					PLUG RH W/30 SKS.
					JOB COMPLETE,
					THANKS - KEVEN LESLEY

# L.D. DRILLING, INC.

7 S.W. 10TH AVE.  
OFFICE PHONE 620-793-3051

**GREAT BEAR, KS 67530**



Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: 2-10 Stan  
Location: Section 10-T21S-R12W  
License Number: 15-185-23616  
Spud Date: April 28, 2010  
Surface Coordinates: NE-NW-SW-NW/4

Region: Stafford County, Kansas  
Drilling Completed: May 3, 2010

#### Bottom Hole Coordinates:

Ground Elevation (ft): 1840  
Logged Interval (ft): 3000' To: 3507' K.B. Elevation (ft): 1845  
Formation: Total Depth (ft): 3508'

Type of Drilling Fluid: Andy's Mud & Chemical CO.

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

#### GEOLOGIST

Name: David A. Barker  
Company: Barker International  
Address: 212 N. Market, Suite 320  
Wichita, Kansas 67202  
(316) 259-4294

#### OPERATOR

Company: LD Davis  
Address: 7 SW 26th AVE,  
Great Bend, KS 67530

#### Comments

All potentially productive zones were drill stem tested in the 2-10 Stan location. Because of the negative results of the drill stem tests: one, two and three the decision to plug and abandon the 2-10 Stan well bore was made on 5-3-2010.

#### Contractor

Petro Mark Drilling LLC, Rig #2  
P.O. Box 771517  
Wichita, Kansas 67277-1517

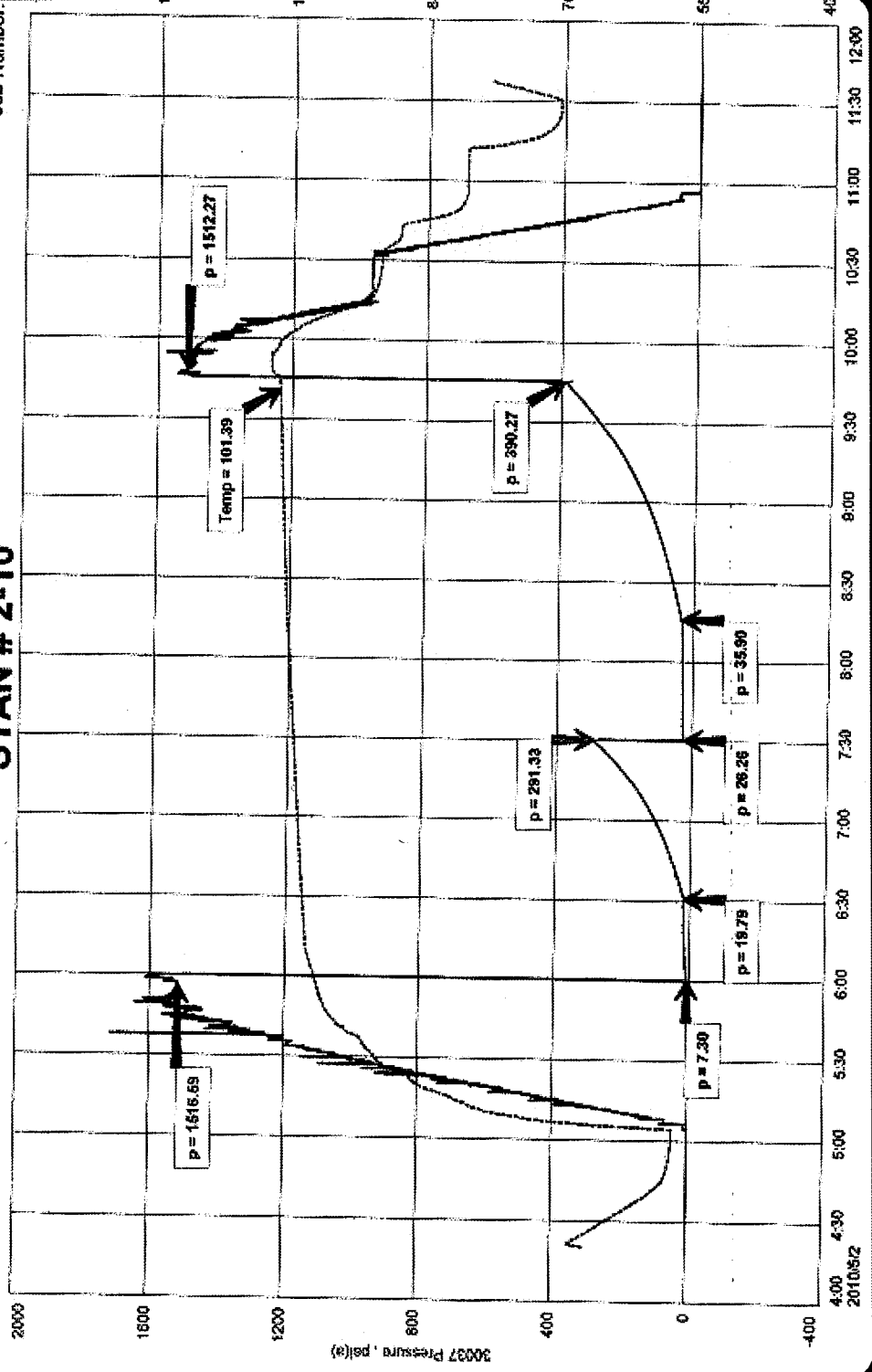
#### Daily Status

4/28/2010: spud well 3:00 P.M., drilled to 342"  
4/29/2010: 342' WOC', Surveys: 3/4 deg@ 342', drill out plug @ 10:15 A.M.  
4/30/2010 1885'.  
5/1/2010: 2835'  
5/2/2010: DST #1 3220 to 3325' & 3349' to 3425', survey @ 3325' 1deg. strap pipe DST #1  
5/3/2010: 3507' DST 3452 to 3507', decision to plug and abandon well bore.

Final Test Date: 2010/05/02

# STAN # 2-10

Pool: WIL  
Job Number:



L.L. KILLING, INC.

DST # 2 LANSING H-K 3349-3425

Start Test Date: 2010/05/02

Final Test Date: 2010/05/03

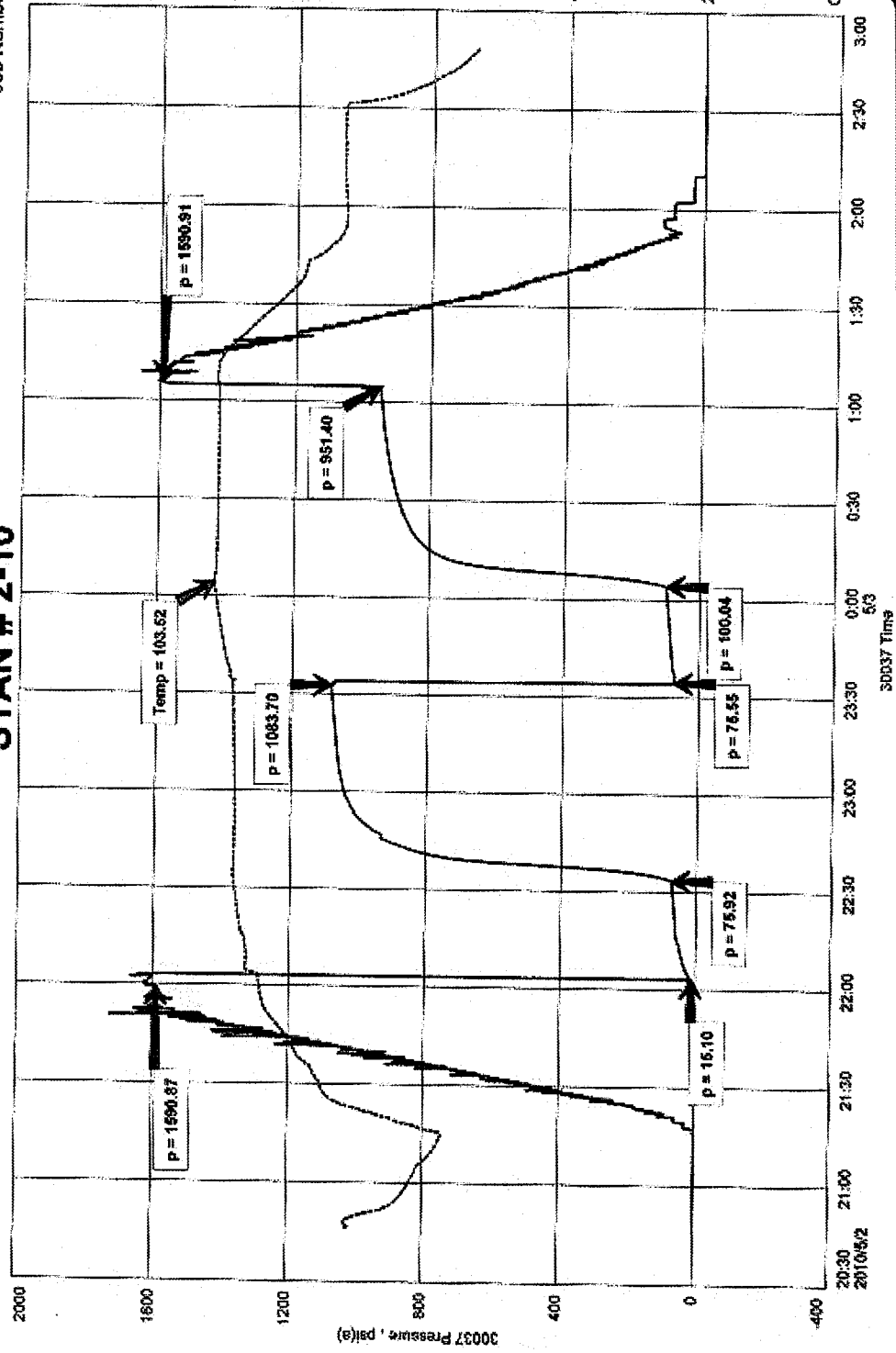
# DST #2 3349 to 3425 STAN # 2-10

Formation: DST # 2

LANSING H-K 3349-3425

Pool: WIL

Job Number:



## ACCESSORIES

- FOSSIL**
- Algae
  - Amph
  - Belm
  - Bioclist
  - Brach

- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymn
- Kaol
- MAL

- Sand
- Sity
- STRINGER
- Anhy
- Arg
- DM

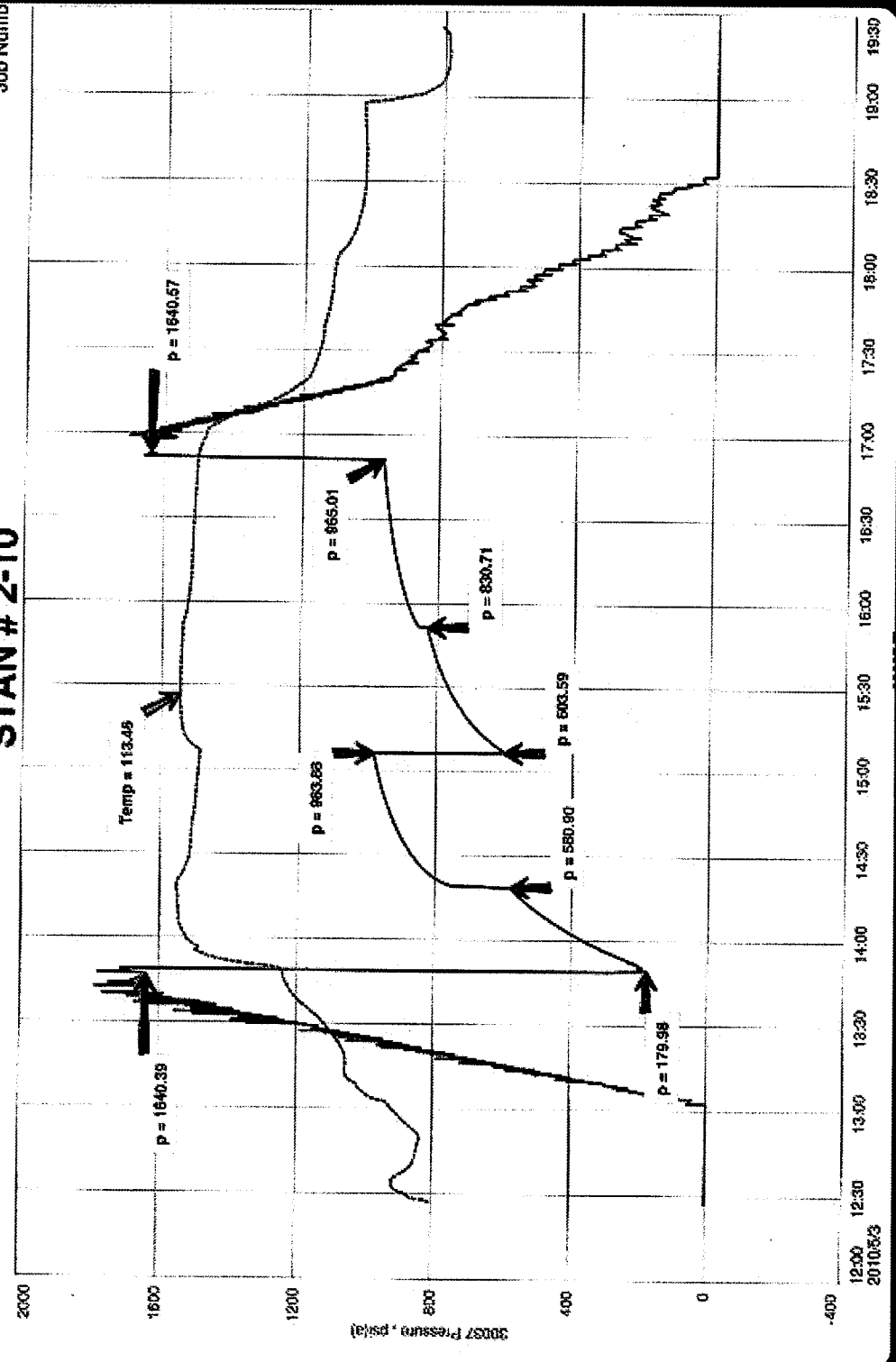
- Lms
- Sandyims
- Sh
- Sitstn
- TEXTURE
- DM



- |        |          |          |         |          |
|--------|----------|----------|---------|----------|
| Crin   | Arggrn   | NOaque   | Dol     | Cryxln   |
| Crin   | Arg      | Phos     | Gyp     | Earthy   |
| Echin  | Bent     | Pyr      | Ls      | Finexln  |
| Fish   | Bit      | Salt     | Mrst    | Grainst  |
| Foram  | Brefrag  | Sandy    | Sltstrg | Lithogr  |
| Fossil | Calc     | Silt     | Ssstrg  | Microxln |
| Gastro | Carb     | Sil      | Carbsh  | Mudst    |
| Oolite | Chtdk    | Sulphur  | Clystn  | Packst   |
| Ostra  | Chftt    | Tuff     | Dol     | Wackest  |
| Pelec  | Dol      | Chlorite | Grysh   |          |
| Pellet | Feldspar | Dol      | Gryslt  |          |

L.L. HILLINGS, INC.      3453-3508      **DST #3, 3453 to 3508**      STA 34  
 DST # 3      ARBUCKLE      Formation: DST # 3      ARBUCKLE      Pool: W  
 Start Test Date: 2010/05/03      Final Test Date: 2010/05/03      Job Numbr

**STAN # 2-10**



- ROCK TYPES**
- |       |          |            |                  |                |
|-------|----------|------------|------------------|----------------|
| Brec  | Ss       | Sltstn     | Shale red        | brown cream    |
| Cht   | Carb sh  | Shlyslts   | blue green shale | Lmst light cre |
| Congl | Gry sh   | Slysh      | green shale      | Lmst light cre |
| Shale | Sandylms | Lms        | Lmst brown       | lms gray crea  |
| Shgy  | Shale    | Lmst cream | brown dolomite   |                |

- OTHER SYMBOLS**
- |          |          |                  |                 |           |
|----------|----------|------------------|-----------------|-----------|
| Fracture | Ss       | Lmst brown       | <b>ROUNDING</b> | OIL SHOWS |
| Inter    | Carb sh  | brown dolomite   | Rounded         | Even      |
| Moldic   | Gry sh   | brown cream      | Subrnd          | Spotted   |
| Organic  | Sandylms | Lmst light cream | Subang          | Qucs      |
| Pinpoint | Shale    | Lmst light cream | Angular         | Dead      |
| Vuggy    | Sltstn   | lms gray cream   |                 | Gas show  |
- LITHOLOGY**
- |       |   |          |
|-------|---|----------|
| Brec  | M | Well     |
| Cht   | M | Moderate |
| Congl | P | Poor     |
| Shale |   |          |
| Shgy  |   |          |
- INTERVALS**
- |      |          |
|------|----------|
| Core | Sorting  |
| Dst  | Well     |
| Dst  | Moderate |
|      | Poor     |
- EVENTS**
- |          |          |
|----------|----------|
| Rft      | Sorting  |
| Sidewall | Well     |
| Conn     | Moderate |
|          | Poor     |
- POROSITY TYPE**
- |        |          |
|--------|----------|
| Earthy | Sorting  |
| Fenest | Well     |
|        | Moderate |
|        | Poor     |

Curve Track 1

ROP (min/ft)

Depth

Porosity

Lithology

Geological Descriptions

TG (units)

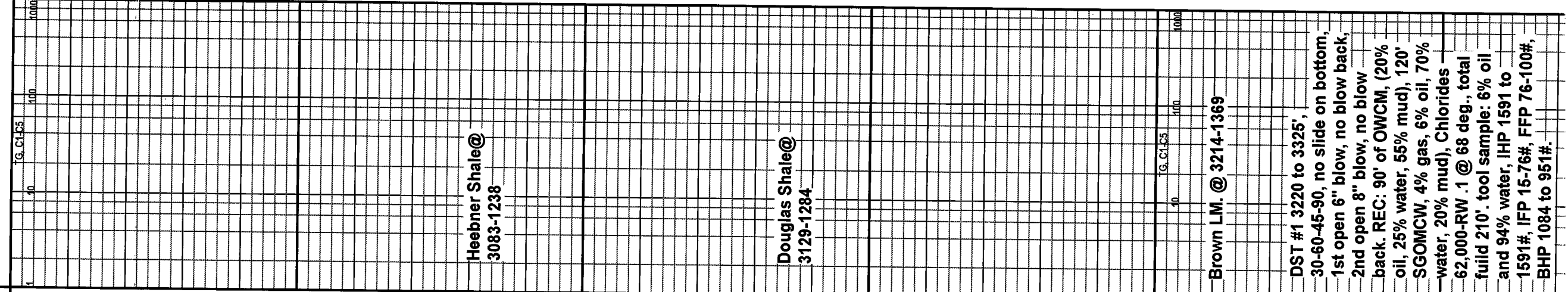
C1 (units)

C2 (units)

C3 (units)

C4 (units)

TG, C1-C5



LS: cream to buff, microxyln, poor interxyln porosity.

**Heebner Shale@  
3083-1238**

Shale: dark gray, LS: gray, microxyln, dense, LS: cream, finexyln, poor no visable porosity,

LS: cream to buff, finexyln to microxyln, very dense, sct friable pieces, LS: crm/green, microxyln, poor intexyln porosity, LS: cream/buff, finexyln, friable in part, very dense.

**Douglas Shale@  
3129-1284**

Shale: gray, SD STN: fine grain, poor interxyln, porosity, no show, friable in part very dense in part

Shale: gray, silty

Shale: gray, SD STN: gray, fine grain, micaceous

Shale: gray, massive

**Brown LM. @ 3214-1369**

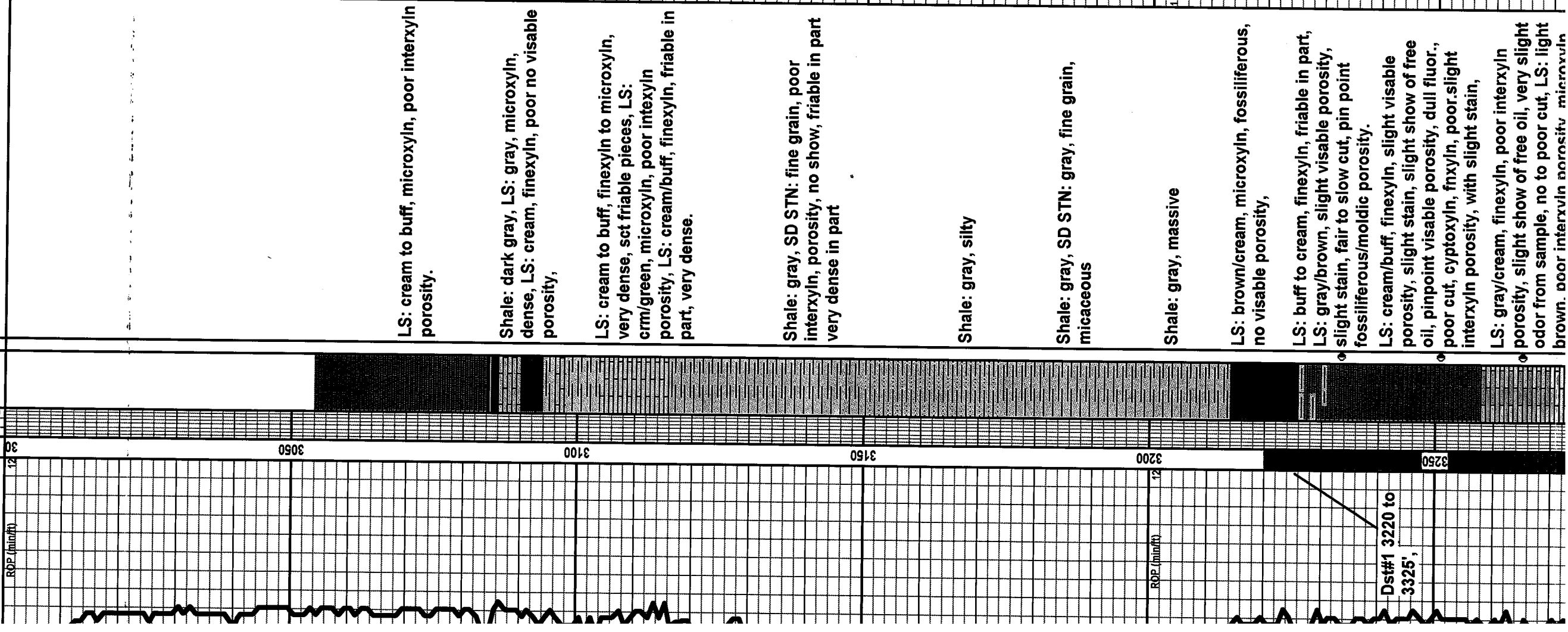
LS: brown/cream, microxyln, fossiliferous, no visable porosity,

LS: buff to cream, finexyln, friable in part, LS: gray/brown, slight visable porosity, slight stain, fair to slow cut, pin point fossiliferous/moldic porosity.

LS: cream/buff, finexyln, slight visable porosity, slight stain, slight show of free oil, pinpoint visable porosity, dull fluor., poor cut, cyptoxyln, fnxyln, poor.slight interxyln porosity, with slight stain,

LS: gray/cream, finexyln, poor interxyln porosity, slight show of free oil, very slight odor from sample, no to poor cut, LS: light brown. poor interxyln porosity microxyln

DST #1 3220 to 3325',  
30-60-45-90, no slide on bottom,  
1st open 6" blow, no blow back,  
2nd open 8" blow, no blow back.  
REC: 90' of OWC, (20% oil, 25% water, 55% mud), 120' SGOMCW, 4% gas, 6% oil, 70% water, 20% mud), Chlorides — 62,000-RW .1 @ 68 deg., total fluid 210' tool sample: 6% oil and 94% water, IHP 1591 to 1591#, IFP 15-76#, FFP 76-100#, BHP 1084 to 951#.



very slight odor, LS: gray/brown, fine xyn, one piece with slight vuggy porosity, with slight stain, fair interxyn porosity, one piece with black edge stain-fair cut

LS: gray/fair pinpoint oolmoldic porosity, dark black stain, strong cut, questionable dead oil stain. no odor from sample

LS: cream/buff, microxyn, dense, no visible porosity,

LS: cream/gray, microxyn, dense, Shale: gray

LS: gray/brown, microxyn, very dense, Chert: dove gray, sharp, LS: brown, fossiliferous packstone, very dense

LS: gray/cream, microxyn, no viable porosity, dense, dark gray in part, fossiliferous, with shale sutures. Shale: gray to green

LS: cream, finexyn, microxyn to finexyn, sct good oolcastic porosity, slight oolcastic porosity, slight inter oolite porosity, with slight stain, mostly chalky

LS: gray/brown, microxyn, dense

LS: cream, finexyn, oolitic packstone, fair black oil stain between oolities, poor oolmoldic porosity, fair/strong cut.

LS: light brown, oolitic packstone, poor interxyn porosity, 1 piece gray LM., slight visible porosity, dark black stain, LS: cream, finexyn, poor interxyn porosity

LS: gray, microxyn, dense, no visible porosity, oolitic packstone

LS: brown, modeled, microxyl, dense, pyritic, poor interxyn porosity. LS: gray, microxyn, very dense.

LS: gray/brown, fair random pinpoint porosity with dark stain, fair cut/strong cut, poor interxyn porosity, varied colored shale, Chert: with asphaltic stain.

Chert: varied colored Shale: varied colored, SD STN: coarse to fine grain, poorly sorted, asphaltic stain, fair porosity.

Shale: blue green, waxy and yellow/green to varied colored. SD STN: fine grain, red/yellow, poor intergranular porosity, tight.

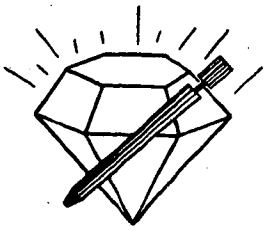
Dolomite: light brown, fine granular to medium granular, poor to fair intergranular porosity, light even stain to dark heavy stain, scat. vuggy porosity, fair odor from sample, fair show of gas bubbles, fair show of free oil, sct bleeding oil from fresh cut surface.

DST #2. 30-60-45-90, 3220' to 3325', IFF WBB, built to 5" in 30 min, NBB, FFP: FBB built to 10" in 45 min, NBB, REC: 62' oil specked mud-(4% oil, 96% mud.) total fluid 62', tool sample 6% oil and 94% mud, IHP 1517 to 1512#, IFF 7-20 and 26-36#, BJHP 291 to 390#, max 101 deg.

DST #3, 3453 to 3508, 30, 45, 45, 60, IFF: SBB built to bottom of bucket in 1 min, NBB, FFP: SBB built to bottom of bucket in 2 minutes, WSBB, REC: 5' clean oil, 20' SGSOMCW 4% gas, 4% oil, 70% water, 32% mud, 1860' SGSOMCW, 3% gas, 2% oil, 90% water, 5% mud, Chlorides 22,000, total fluid 1885', tool sample: 6% oil, 94% water, max temp 113 deg, IHP 1640 to 1641, IFF 180 to 581#, FFP 604 to 831#, BHP 984 to 965#.

T.D. 3508' plug and abandon well bore 5/3/2010





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC 30037.D090

Company L. D. Drilling, Inc. Lease & Well No. Stan No. 2-10  
Elevation 1847 KB Formation Lansing Effective Pay -- Ft. Ticket No. R090  
Date 5-2-10 Sec. 10 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By David Barker Diamond Representative Randy Williams

Formation Test No. 1 Interval Tested from 3,220 ft. to 3,325 ft. Total Depth 3,325 ft.

Packer Depth 3,215 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,220 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 3,203 ft. Recorder Number 30037 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,322 ft. Recorder Number 13386 Cap. 3,875 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 122 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 65 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.8 Water Loss 8.8 cc. Drill Pipe Length 3,067 ft. I.D. 3 1/2 in.

Chlorides 2,000 P.P.M. Test Tool Length 31 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 43' perf. w/ 62' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak blow, building to 5 ins. in 30 mins. No blow back during shut-in.

2nd Open: Fair blow, building to 10 ins. in 45 mins. No blow back during shut-in.

Recovered 62 ft. of oil specked mud = .305040 bbls. (Grind out: 4%-oil; 96%-mud)

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Remarks Tool Sample Grind Out: 6%-oil; 94%-mud

Time Set Packer(s) 6:00 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 9:45 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 101°

Initial Hydrostatic Pressure ..... (A) 1517 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 7 P.S.I. to (C) 20 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 291 P.S.I.

Final Flow Period ..... Minutes 45 (E) 26 P.S.I. to (F) 36 P.S.I.

Final Closed In Period ..... Minutes 90 (G) 390 P.S.I.

Final Hydrostatic Pressure ..... (H) 1512 P.S.I.

# DIAMOND TESTING

## Drill Test Report

### General Information

Company Name L.D.DRILLING, INC

Contact L.D.DAVIS  
Well Name STAN # 2-10  
Unique Well ID DST # 1 KC 3220-3325  
Surface Location SEC 10-21S-12W STAFFORD COUNTY  
Field WILDCAT  
Well Type Vertical

Job Number R090  
Representative RANDY WILLIAMS  
Well Operator L.D.DRILLING, INC  
Report Date 2010/05/02  
Prepared By RANDY WILLIAMS

### Test Information

Test Type Drill Stem Test  
Formation DST # 1 LANSING 3220-3325  
Well Fluid Type 01 Oil  
Test Purpose (AEUB) Initial Test

Start Test Time 04:20:00  
Final Test Time 11:37:00

Start Test Date 2010/05/02  
Final Test Date 2010/05/02

Gauge Name 30037  
Test Type Name

### Test Results

RECOVERED: 62' OIL SPECED MUD, 4% OIL, 96% MUD

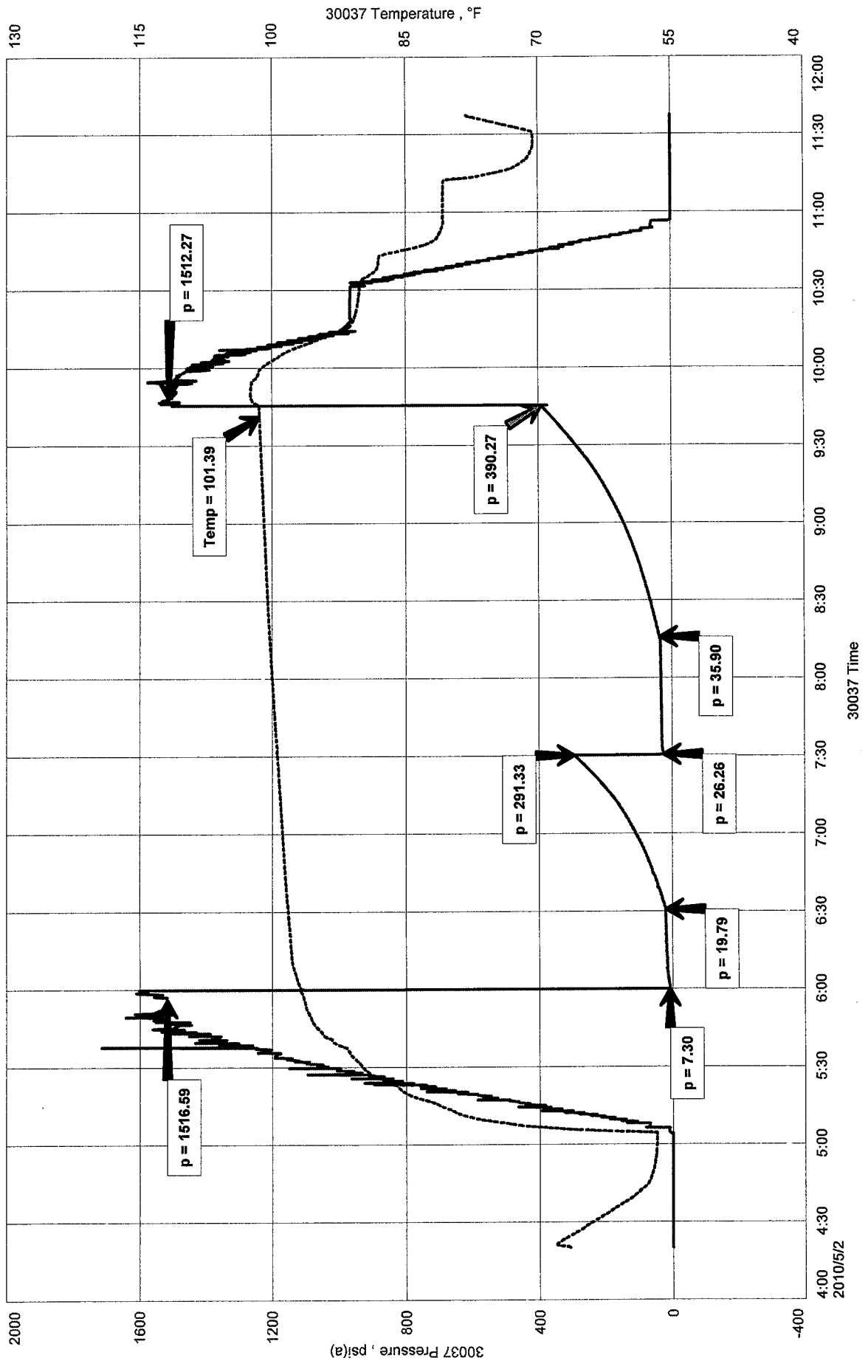
TOTAL FLUID: 62'

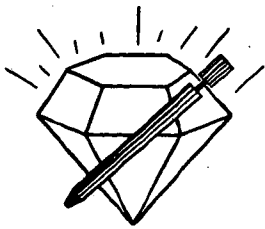
TOOL SAMPLE: 6% OIL, 94% MUD

L.D.DRILLING, INC  
DST # 1 KC 3220-3325  
Start Test Date: 2010/05/02  
Final Test Date: 2010/05/02

STAN # 2-10  
Formation: DST # 1 LANSING 3220-3325  
Pool: WILDCAT  
Job Number: R090

# STAN # 2-10





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC 30037.D091

Company L. D. Drilling, Inc. Lease & Well No. Stan No. 2-10  
Elevation 1847 KB Formation Lansing 'H' - 'K' Effective Pay -- Ft. Ticket No. R091  
Date 5-2-10 Sec. 10 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By David Barker Diamond Representative Randy Williams

Formation Test No. 2 Interval Tested from 3,349 ft. to 3,425 ft. Total Depth 3,425 ft.

Packer Depth 3,344 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,349 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside)         3,332 ft. Recorder Number 30037 Cap. 5,000 psi

Bottom Recorder Depth (Outside)         3,422 ft. Recorder Number 13386 Cap. 3,875 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.         psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 122 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 62 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.3 Water Loss 9.6 cc. Drill Pipe Length 3,196 ft. I.D. 3 1/2 in.

Chlorides 7,000 P.P.M. Test Tool Length 31 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 44' perf. w/ 32' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Fair blow, building. Off bottom of bucket in 16 mins. No blow back during shut-in.  
2nd Open: Fair blow, building. Off bottom of bucket in 12 mins. Weak surface blow back during shut-in.

Recovered 90 ft. of oil & water cut mud = 1.262080 bbls. (Grind out: 20%-oil; 25%-water; 55%-mud)

Recovered 120 ft. of slightly gassy, oily mud cut water = .590400 bbls. (Grind out: 4%-gas; 6%-oil; 20%-mud; 70%-water)

Recovered 210 ft. of TOTAL FLUID = 1.852480 bbls. Chlorides: 62,000 Ppm PH: 7.0 RW: .1 @ 68°

Recovered          ft. of         

Recovered          ft. of         

Remarks Tool Sample Grind Out: 6%-oil; 94%-mud

Time Set Packer(s) 10:03 ~~AM~~ **PM** Time Started Off Bottom 1:03 ~~AM~~ **PM** Maximum Temperature 104°

Initial Hydrostatic Pressure          (A) 1591          P.S.I.

Initial Flow Period          Minutes 30 (B) 15          P.S.I. to (C) 76          P.S.I.

Initial Closed In Period          Minutes 60 (D) 1084          P.S.I.

Final Flow Period          Minutes 30 (E) 76          P.S.I. to (F) 100          P.S.I.

Final Closed In Period          Minutes 60 (G) 951          P.S.I.

Final Hydrostatic Pressure          (H) 1591          P.S.I.



# DIAMOND TESTING

## Drill Test Report

### General Information

Company Name L.D.DRILLING, INC

Contact L.D.DAVIS  
Well Name STAN # 2-10  
Unique Well ID DST # 2 LANSING H-K 3349-3425  
Surface Location SEC 10-21S-12W STAFFORD COUNTY  
Field WILDCAT  
Well Type Vertical

Job Number R091  
Representative RANDY WILLIAMS  
Well Operator L.D.DRILLING, INC  
Report Date 2010/05/03  
Prepared By RANDY WILLIAMS

### Test Information

Test Type Drill Stem Test  
Formation DST # 2 LANSING H-K 3349-3425  
Well Fluid Type 01 Oil  
Test Purpose (AEUB) Initial Test

Start Test Time 20:46:00  
Final Test Time 02:48:00

Start Test Date 2010/05/02  
Final Test Date 2010/05/03

Gauge Name 30037  
Test Type Name

### Test Results

RECOVERED: 90', OWCM, 20% OIL, 25% WATER, 55% MUD  
120', SGOMCW, 4% GAS, 6% OIL, 70% WATER, 20% MUD  
PH-7.0 CHLORIDES- 62,000 RW- .1 @ 68 DEG

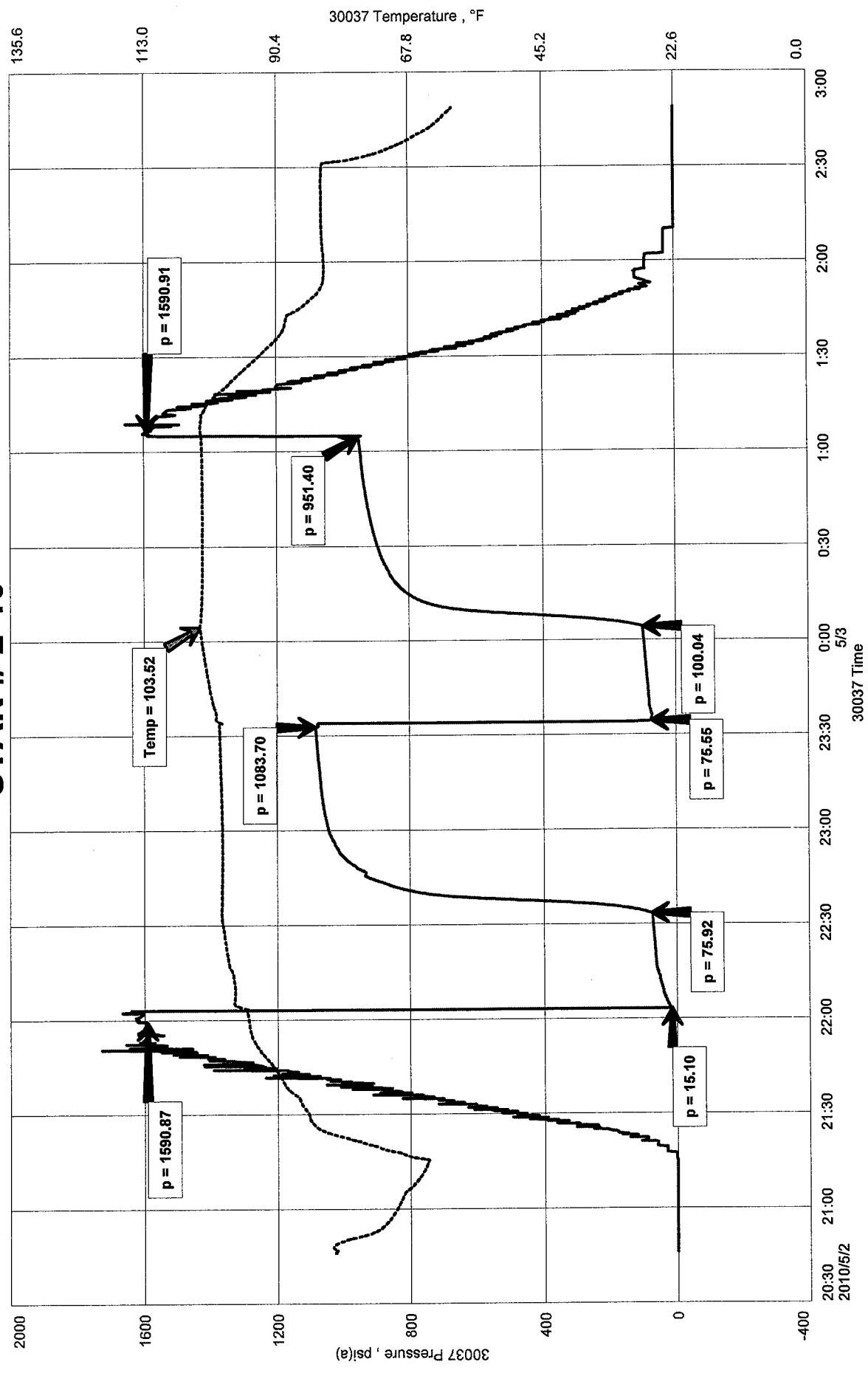
TOTAL FLUID: 210'

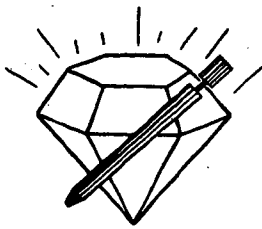
TOOL SAMPLE: 6% OIL, 94% WATER

STAN # 2-10  
 Formation: DST # 2 LANSING H-K 3349-3425  
 Pool: WILDCAT  
 Job Number: R091

L.D.DRILLING, INC  
 DST # 2 LANSING H-K 3349-3425  
 Start Test Date: 2010/05/02  
 Final Test Date: 2010/05/03

# STAN # 2-10





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC 30037.D092

Company L. D. Drilling, Inc. Lease & Well No. Stan No. 2-10  
Elevation 1847 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. R092  
Date 5-3-10 Sec. 10 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By David Barker Diamond Representative Randy Williams

Formation Test No. 3 Interval Tested from 3,453 ft. to 3,508 ft. Total Depth 3,508 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          ft.

Top Recorder Depth (Inside)          3,436 ft. Recorder Number 30037 Cap. 5,000 psi

Bottom Recorder Depth (Outside)          3,505 ft. Recorder Number 13386 Cap. 3,875 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 122 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 48 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.8 Water Loss 10.8 cc. Drill Pipe Length 3,300 ft. I.D. 3 1/2 in.

Chlorides 8,000 P.P.M. Test Tool Length 31 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 55 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow, building. Off bottom of bucket in 1 min. No blow back during shut-in.

2nd Open: Strong blow, building. Off bottom of bucket in 2 mins. Weak, surface blow back during shut-in.

Recovered 5 ft. of clean oil = .071150 bbls.

Recovered 20 ft. of slightly gassy & oily mud cut water = .284600 bbls. (Grind out: 4%-gas; 4%-oil; 32%-mud; 70%-water)

Recovered 1,860 ft. of slightly gassy & oily mud cut water = 25.331980 bbls. (Grind out: 3%-gas; 2%-oil; 5%-mud; 90%-water)

Recovered 1,885 ft. of TOTAL FLUID = 25.687730 bbls. Chlorides: 22,000 Ppm PH: 7.0

Recovered          ft. of         

Remarks Tool Sample Grind Out: 6%-oil; 94%-water

Time Set Packer(s) 1:48 ~~AM~~ P.M. Time Started Off Bottom 4:48 ~~AM~~ P.M. Maximum Temperature 113 °

Initial Hydrostatic Pressure ..... (A) 1640 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 180 P.S.I. to (C) 581 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 984 P.S.I.

Final Flow Period ..... Minutes 45 (E) 604 P.S.I. to (F) 831 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 965 P.S.I.

Final Hydrostatic Pressure ..... (H) 1641 P.S.I.

# DIAMOND TESTING

Page 2 of 2 Pages  
Drill Test Report

## General Information

Company Name L.D.DRILLING, INC

Contact L.D.DAVIS  
Well Name STAN # 2-10  
Unique Well ID DST # 3 ARBUCKLE 3453-3508  
Surface Location SEC 10-21S-12W STAFFORD COUNTY  
Field WILDCAT  
Well Type Vertical

Job Number R092  
Representative RANDY WILLIAMS  
Well Operator L.D.DRILLING, INC  
Report Date 2010/05/03  
Prepared By RANDY WILLIAMS

## Test Information

Test Type Drill Stem Test  
Formation DST # 3 ARBUCKLE 3453-3508  
Well Fluid Type 01 Oil  
Test Purpose (AEUB) Initial Test

Start Test Time 12:27:00  
Final Test Time 19:24:00

Start Test Date 2010/05/03  
Final Test Date 2010/05/03

Gauge Name 30037  
Test Type Name

## Test Results

RECOVERED: 5' CLEAN OIL  
20' SGSOMCW, 4% GAS, 4% OIL, 70% WATER, 32% MUD  
1860' SGSOMCW, 3% GAS, 2% OIL, 90% WATER, 5% MUD  
PH-7.0 CHLORIDES- 22,000

TOTAL FLUID: 1885'

TOOL SAMPLE: 6% OIL, 94% WATER

STAN # 2-10  
 Formation: DST # 3  
 ARBUCKLE  
 Pool: WILDCAT  
 Job Number: R092

LD DRILLING, INC  
 DST # 3 ARBUCKLE 3453-3508  
 Start Test Date: 2010/05/03  
 Final Test Date: 2010/05/03

# STAN # 2-10

