

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 6039  
Name: L. D. Drilling, Inc.  
Address: 7 SW 26th Avenue  
City/State/Zip: Great Bend, KS 67530  
Purchaser: Nash  
Operator Contact Person: L. D. Davis  
Phone: (620) 793-3051  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Kim Shoemaker

**RECEIVED**

**JAN 26 2005**

**KCC WICHITA**

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

10-28-04	<del>11-17-04</del>	11-17-04
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 151-22205-00-00  
County: Pratt  
\_\_\_\_\_ C \_\_\_\_\_ NW Sec. 25 Twp. 26 S. R. 11  East  West  
1320 feet from S  (circle one) Line of Section  
1320 feet from E  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  (circle one) SW  
Lease Name: Zink Well #: 1

Field Name: Haynesville East  
Producing Formation: Viola  
Elevation: Ground: 1803 Kelly Bushing: 1811  
Total Depth: 4375 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 454 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) ALT I W H M 2-28-07  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

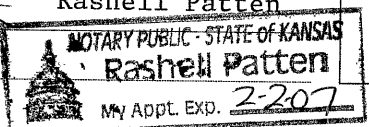
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Bessie Newkirk  
Title: Sec/Treas. Date: 1-10-05

Subscribed and sworn to before me this 25<sup>th</sup> day of January,  
20 05.

Notary Public: Rashell Patten **Rashell Patten**  
Date Commission Expires: 2-2-07



**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: L. D. Drilling, Inc. Lease Name: Zink Well #: 1  
 Sec. 25 Twp. 26 S. R. 11  East  West County: Pratt

**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 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  Dual Compensated Porosity Log Dual Induction Log Sonic Cement Bond Log	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">Log</th> <th style="width:45%;">Formation (Top), Depth and Datum</th> <th style="width:40%;">Sample</th> </tr> <tr> <td></td> <td>Name</td> <td>Top Datum</td> </tr> <tr> <td></td> <td>Heebner</td> <td>3400 -1589 +8</td> </tr> <tr> <td></td> <td>Brown Lime</td> <td>3578 -1767 +6 to Geesling</td> </tr> <tr> <td></td> <td>Lansing</td> <td>3596 -1785 +8 to Geesling</td> </tr> <tr> <td></td> <td>BKC</td> <td>3593 -2142</td> </tr> <tr> <td></td> <td>Mississippi</td> <td>4051 -2240</td> </tr> <tr> <td></td> <td>Kinda</td> <td>4118 -2307</td> </tr> <tr> <td></td> <td>Viola</td> <td>4282 -2471</td> </tr> </table>	Log	Formation (Top), Depth and Datum	Sample		Name	Top Datum		Heebner	3400 -1589 +8		Brown Lime	3578 -1767 +6 to Geesling		Lansing	3596 -1785 +8 to Geesling		BKC	3593 -2142		Mississippi	4051 -2240		Kinda	4118 -2307		Viola	4282 -2471
Log	Formation (Top), Depth and Datum	Sample																										
	Name	Top Datum																										
	Heebner	3400 -1589 +8																										
	Brown Lime	3578 -1767 +6 to Geesling																										
	Lansing	3596 -1785 +8 to Geesling																										
	BKC	3593 -2142																										
	Mississippi	4051 -2240																										
	Kinda	4118 -2307																										
	Viola	4282 -2471																										

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		8 5/8"	28#	454	60/40	200/150	6% gel, 3% cc, 1/4 cel flake
Production		5 1/2"	14#	4373	AA-2 60/40 Poz	174/15 RH/10 MH	2 % gel, 3 % cc 1/4 cel flake

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4289-4292	300 gal 15% HCL, 300 gal MCA	
<div style="border: 2px solid black; padding: 10px; width: fit-content; margin: auto;"> <p><b>RECEIVED</b></p> <p><b>JAN 26 2005</b></p> <p><b>KCC WICHITA</b></p> </div>			

TUBING RECORD		Size <u>2 3/8</u>	Set At <u>4289</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>12-15-04</u>		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
		<u>500,000</u>			

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

**LOG-TECH, INC.**  
 1011 240th Ave  
**HAYS, KANSAS 67601**  
 (785) 625-3858

**13639**

Date 11/7/2004

CHARGE TO L.O. Drilling, Inc.  
 ADDRESS \_\_\_\_\_  
 R/A SOURCE NO. 71-2A-33, CSU-03 CUSTOMER ORDER NO. Verbal NW  
 LEASE AND WELL NO. Zink No. 1 FIELD Haynesville East  
 NEAREST TOWN Preston COUNTY Pratt STATE Ks.  
 SPOT LOCATION 1320 FNL 91320' FWL SEC 25 TWP 26S RANGE 11W  
 ZERO KB 8ft AGL CASING SIZE 8.125 @ 4.54 WEIGHT 24#  
 CUSTOMER'S T.D. 4375 LOG TECH 4380 FLUID LEVEL Full  
 ENGINEER B. Drylie OPERATOR M. Kraus

PERFORATING				
Description	No. Shots	Depth		Amount
		From	To	

DEPTH AND OPERATIONS CHARGES						
Description	Depth		Total No. Ft.	Price Per Ft.	Amount	
	From	To				
Dual Induction Log	0	4380	4380	128	1226	40
Logging Charge	4380	400	3980	127	1074	60
Compensated Density, Neutron Log	0	4380	4380	149	2146	20
Logging Charge	4380	3300	1080	min	1000	00

MISCELLANEOUS			
Description	Quantity	Amount	
Service Charge <u>Truck Rental</u>			<u>950.00</u>
T.J. <u>7:30 PM</u>			
A.O.L. <u>6:45 PM</u>			
S.J. <u>8:00 PM</u>			
F.J. <u>10:00 PM</u> T.W.T.			

PRICES SUBJECT TO CORRECTION BY BILLING DEPARTMENT

RECEIVED THE ABOVE SERVICES ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED ON THE REVERSE SIDE TO WHICH WE HEREBY AGREE.

<b>RECEIVED</b>	Sub Total	<u>6397.20</u>
<u>JAN 26 2005</u>	Tax	
<b>KCC WICHITA</b>		

Customer Signature \_\_\_\_\_ Date \_\_\_\_\_

**LOG-TECH, INC.**  
 1011 240th Ave  
**HAYS, KANSAS 67601**  
 (785) 625-3858

13721

Date 1-15-2004

CHARGE TO L.D. Drilling, INC  
 ADDRESS \_\_\_\_\_  
 R/A SOURCE NO \_\_\_\_\_ CUSTOMER ORDER NO \_\_\_\_\_  
 LEASE AND WELL NO Zink #1 FIELD Haynesville East  
 NEAREST TOWN Preston COUNTY Pratt STATE Kansas  
 SPOT LOCATION 1320 FWL + 1320 FWL SEC 25 TWP 26S RANGE 11W  
 ZERO KB 8 AGL CASING SIZE 5.5 WEIGHT \_\_\_\_\_  
 CUSTOMER'S T.D. 4352 LOG TECH \_\_\_\_\_ FLUID LEVEL Full  
 ENGINEER S. Chesney OPERATOR W. Elenor

**PERFORATING**

Description	No. Shots	From Depth	To	Amount
Perforate 3 3/8 HEC 3X4	12	4289	4292	450.00
TS 4289				
SO 3.5				
CL 4285.5				

**DEPTH AND OPERATIONS CHARGES**

Description	From	Depth To	Total No. Ft	Price Per Ft	Amount

**MISCELLANEOUS**

Description	Quantity	Amount
Service Charge		450.00
T.J.		
A.O.L.		
S.J.		
F.J.		
T.W.T.		

RECEIVED  
 JAN 26 2005

KCC WICHITA	Sub Total	1900.00
	Tax	

PRICES SUBJECT TO CORRECTION BY BILLING DEPARTMENT

RECEIVED THE ABOVE SERVICES ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED ON THE REVERSE SIDE TO WHICH WE HEREBY AGREE.

Customer Signature [Signature] Date \_\_\_\_\_



INVOICE NO.		Subject to Correction		<b>FIELD ORDER</b> - 8835 ✓	
Date	10-29-04	Lease	Zink	Well #	1
Customer ID		County	Pratt	State	KS.
L.D. Drilling Inc.		Depth	455'	Formation	
		Casing	8 5/8" 28#/ft	Casing Depth	452.27'
		Customer Representative	Steve Stephens	Treator	Clarence R. Messioh
		Shoe Joint	34.42'	Job Type	Cement-Surface-New Well

AFE Number	PO Number	Materials Received by	X <i>Steve Stephens</i>
------------	-----------	-----------------------	-------------------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
1-203	150 sk.	60/40 Poz (Common)	-			
1-206	200 sk.	A-Serv Lite (Common)	-			
-310	903 lb.	Calcium Chloride	-			
-194	76 lb.	Cellflake	-			
-163	1 eq.	Wooden Cement Plug, 8 5/8"	-			
-303	1 eq.	Baffle Plate Aluminum 8 5/8"	-			
-100	15 mi.	Heavy Vehicle Mileage	1-Way			
-101	15 mi.	Pickup Mileage	1-Way			
-104	226 tm.	Bulk Delivery				
-107	350 sk.	Cement Service Charge				
P-201	1 eq.	Casing Cement Pumper 301'-500'				
P-701	1 eq.	Cement Head Rental				
		Discounted Price =		\$4,486.52		
		Plus taxes				

RECEIVED  
 JAN 26 2005  
 KCC WICHITA



# TREATMENT REPORT

Customer ID		Date	
Customer <b>L.D. Drilling Inc.</b>		<b>10-29-04</b>	
Lease <b>Zink</b>		Lease No.	Well # <b>1</b>
Old Order # <b>8835</b>	Station <b>Pratt</b>	Casing <b>8 7/8" 28#/ft</b>	Depth T. P. <b>452.27</b>
Job <b>Cement-Surface - New Well</b>		County <b>Pratt</b>	State <b>KS</b>
		Legal Description <b>29-26S-11W</b>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>8 7/8" 28#/ft</b>	Tubing Size	Shots/Ft		<b>Cement</b>		RATE	PRESS	ISIP
Depth <b>152.27'</b>	Depth	From	To	<b>200sks A-Serv. Lite</b>		Max		5 Min.
Volume <b>8.22</b>	Volume	From	To	<b>with 6% Gel, 3% C.C.,</b>		Min		10 Min.
Max Press <b>60 P.S.I.</b>	Max Press	From	To	<b>1/4 #/sk. Cell plate</b>		Avg		15 Min.
Annulus Connection <b>up Cont.</b>	Annulus Vol.	From	To	<b>150sks. 60/40 Poz with</b>		HP Used		Annulus Pressure
Packer Depth <b>7.85'</b>	Packer Depth	From	To	<b>2% Gel, 3% C.C., 1/4 #/sk cell plate</b>		Gas Volume		Total Load
				<b>Flush with 26.07 Fresh H<sub>2</sub>O</b>				

Customer Representative <b>Steve Stephens</b>	Station Manager <b>Dave Austry</b>	Treater <b>Clarence R. Messick</b>
Service Units	<b>109 227 335 571</b>	

Time AM	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:30					Trucks on location and hold Safety Meeting
3:20					Start to run 12jts, 28 #/ft. used, tested
<del>3:32</del>					8 7/8" Pipe. Run baffle plate in collar of 1 1/2" jt.
3:32					Pipe in hole. Break circulation with rig mud pump
3:37			10	4	Start 10bbl. Fresh water Pre-flush
3:40	200		10	4	Start to mix 200 sks A-Serv. lite
3:54	200		65	4	Start to mix 150sks. 60/40 Poz.
4:05	200		93	3	Start Fresh water Displacement
4:15	500		25.5		Plug down, Pressure up and close in head.
					Release Pressure and wash up pump truck
4:30					Job Complete
					Thanks
					Clarence R. Messick

RECEIVED  
 JAN 26 2005  
 KCC WICHITA





# TREATMENT REPORT

Customer ID			Date		
Customer <i>L.D. Doly Inc</i>			<i>11-8-04</i>		
Lease <i>Zink</i>			Lease No.	Well # <i>1</i>	
Field Order # <i>9009</i>	Station <i>Pratt KS</i>	Casing <i>5 1/2</i>	Depth <i>4375</i>	County <i>Pratt</i>	State <i>KS</i>
Type Job <i>Longstring New well</i>			Formation	Legal Description <i>25-26s-11w</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft <i>1.44</i>	<i>15.0</i>	Acid <i>175 sk AA-2 10% Sol</i>	Rate <i>1.0 D.F.</i>	Press <i>2000</i>	ISIP	
Depth <i>4358</i>	Depth	From	To	Pre Pad <i>18 FLU-322 25 GOS B/L</i>	Max	5 Min		
Volume <i>106.3</i>	Volume	From	To	Pad	Min	10 Min		
Max Press <i>2000</i>	Max Press	From	To	Frac	Avg	15 Min		
Well Connection	Annulus Vol.	From	To		HHP Used	Annulus Pressure		
Plug Depth	Packers Depth	From	To	Flush <i>20 Bbl 2% KCL 12 min</i>	Gas Volume	Total Load		

Customer Representative <i>L.D. Davis</i>	Station Manager <i>Dave Autry</i>	Treater <i>D. Scott</i>
--	--------------------------------------	----------------------------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					<i>On loc w/Trk's Safety mtg</i>
					<i>G.S. Bottom ISFV Top S.J.</i>
					<i>Cent 1-3-5-7-9</i>
					<i>Csg on Bottom Drop Balls Circ w/Rig</i>
<i>1005</i>	<i>100</i>		<i>20</i>	<i>5</i>	<i>St KCL flush</i>
<i>1010</i>	<i>150</i>		<i>12</i>	<i>5</i>	<i>St mud Flush</i>
<i>1014</i>	<i>200</i>		<i>5</i>	<i>5</i>	<i>H2O Spacer</i>
<i>1017</i>	<i>300</i>		<i>44.8</i>	<i>5</i>	<i>St mixing Cmt @ 13.0 175 sk</i>
<i>1026</i>	<i>Ø</i>		<i>10</i>	<i>5</i>	<i>Close In &amp; Wash Pump &amp; line</i>
<i>1028</i>	<i>100</i>			<i>6.0</i>	<i>Release Plug &amp; St Disp w/H2O</i>
<i>1045</i>	<i>350</i>		<i>75</i>	<i>6.0</i>	<i>75 Bbls Disp Out lift Cmt</i>
<i>1053</i>	<i>1600</i>		<i>106.3</i>	<i>Ø</i>	<i>Plug Down &amp; psi Test Csg</i>
<i>1055</i>	<i>Ø</i>				<i>Release psi Held</i>
					<i>Lost Circ w/50 Bbls Out</i>
					<i>Regained Circ w/70 Bbls Disp out</i>
					<i>Plug R.H. &amp; M.H. w/25 sk 60-40 per</i>
					<i>Chart Didnt record psi</i>
					<i>Job Complete</i>
					<i>Thank You Scotty</i>