

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 26 AVE  
City/State/Zip: GREAT BEND, KS 67530  
Purchaser: \_\_\_\_\_  
Operator Contact Person: L. D. DRILLING, INC.  
Phone: (620) 793-3051  
Contractor: Name: PETROMARK DRILLING, LLC  
License: 33323  
Wellsite Geologist: JIM MUSGROVE

Designate Type of Completion:  
\_\_\_\_ New Well \_\_\_\_ Re-Entry \_\_\_\_ Workover  
\_\_\_\_ Oil \_\_\_\_ SWD \_\_\_\_ SIOW \_\_\_\_ 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. \_\_\_\_\_  
6/22/07 6/29/07  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 185-23447-0000  
County: STAFFORD  
NW NE SE \_\_\_\_\_ Sec. 10 Twp. 21 S. R. 13  East  West  
2190 feet from (S) N (circle one) Line of Section  
1300 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: HALL "F" Well #: 1-10  
Field Name: SHAEFFER-ROTHGARN

Producing Formation: \_\_\_\_\_  
Elevation: Ground: 1874' Kelly Bushing: 1879'  
Total Depth: 3575' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 353 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.

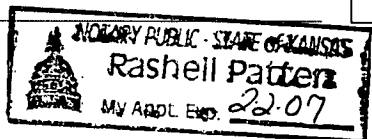
Drilling Fluid Management Plan P+A Alt I nce  
(Data must be collected from the Reserve Pit) 1-12-09  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ 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: [Signature]  
Title: CLERK Date: SEPTEMBER 28, 2007  
Subscribed and sworn to before me this 28 day of September,  
20 07.  
Notary Public: [Signature]  
Rashell Patten  
Date Commission Expires: 2-02-11

**KCC Office Use ONLY**  
N Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
\_\_\_\_ Wireline Log Received  
\_\_\_\_ Geologist Report Received  
\_\_\_\_ UIC Distribution  
**RECEIVED**  
KANSAS CORPORATION COMMISSION



OCT 01 2007  
CONSERVATION DIVISION

Operator Name: L. D. DRILLING, INC. Lease Name: HALL "F" Well #: 1-10  
 Sec. 10 Twp. 21 S. R. 13  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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)  
 List All E. Logs Run:

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

SEE ATTACHED

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 1/4"	8 5/8"	24#	353'	60/40 POZMIX	350	

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
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

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 WICHITA, KS

**DAILY DRILLING REPORT**

OPERATOR: L.D. DRILLING, INC. LEASE: HALL "F" #1-10  
 NW NE SW Sec 10-21-13  
 WELLSITE GEOLOGIST: KIM SHOEMAKER Stafford Co., KS  
 CONTRACTOR: Petromark Drilling ELEVATION: GR: 1874'  
 KB: 1879'  
 SPUD: 6/22/07 @ 3:00 P.M. PTD: 3650'  
 SURFACE: Ran 8 jts New 24# 8 5/8" Surface Casing, Tally 343', Set @ 353', w/ 350 sx  
 60/40 Pozmix 2% Gel, 3% CC, Plug Down 5:45 A.M. 6/23/07

6/22/07 Move in, Rig up & Spud  
 6/23/07 353' Waiting on Cement  
 6/24/07 1860' Drilling  
 6/25/07 2875' Drilling  
 6/26/07 3350' Coming out for DST #1  
 6/27/07 3410' CFS  
 Making up Test Tool for DST #2  
 6/28/07 3478' Trip in Hole after DST #3  
 6/29/07 3560' DST #5 on bottom

RTD 3575' No Log Ran

**Plugging:**

1st Plug @ top of Arbuckle w/ 50 sx  
 2nd Plug @ 760' w/ 50 sx  
 3rd Plug @ 380' w/ 50 sx  
 4th Plug @ 60' w/ 20 sx  
 5th Plug @ Rathole w/ 15 sx  
 Total 185 sx of 60/40 Pozmix, 6% Gel  
 Plug Down 11:45 A.M. 6/30/07 by JetStar

**SAMPLE TOPS:**

Heebner	3136	(-1257)
Brown Lime	3259	(-1380)
Lansing	3275	(-1396)
Base Kansas City	3491	(-1612)
Cong	3506	(-1627)
Simpson	3524	(-1645)
Arbuckle	3531	(-1652)
RTD	3575	(-1696)

**DST #1 3262 - 3350' LKC 'A-F'**  
 TIMES: 30-45-45-60  
 BLOW: 1st Open: stg blow off bottom-gts in 8 min  
 2nd Open: stg blow off bottom immed  
 RECOVERY: 114'o&gcwm(10%g,16%w,72%m)  
 187'o&gcmw(6%o,30%g,31%m,33%w)  
 186'o&mcmw(10%o,10%g,35%g,45%w)  
 123'o&mcmw(6%o,8%g,22%g,64%w)  
 IFP: 71-201 ISIP: 406  
 FFP: 176-239 FSIP: 394  
 TEMP: 104 degrees

**DST #2 3382 - 3410' LKC 'H'**  
 TIMES: 30-45-45-60  
 BLOW: 1st Open: weak 1/8" blow in to 8 1/2"  
 2nd Open: weak surface blow inc to 7 1/2"  
 RECOVERY: 31'gip, 10'clean oil,  
 205'mw(11%g,89%w w/oil specks)  
 IFP: 13-76 ISIP: 251  
 FFP: 78-108 FSIP: 247  
 TEMP: 104 degrees

**DST #3 3412 - 3478' LKC 'I-K'**  
 TIMES: 30-45-45-60  
 BLOW: 1st Open: fair 1" blow in to bottom 15min  
 2nd Open: fair 1" blow inc to bottom 14 min  
 RECOVERY: 515'gip, 45'g&wcom(10%g,  
 11%w,34%o,45%m) 185'mw(10%g,90%w&scum)  
 IFP: 17-70 ISIP: 636  
 FFP: 80-109 FSIP: 587  
 TEMP: 103 degrees

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CONSERVATION DIVISION  
 WICHITA, KS

DAILY DRILLING REPORT

OPERATOR: L.D. DRILLING, INC.

LEASE: HALL "F" #1-10

NW NE SW Sec 10-21-13

WELLSITE GEOLOGIST: KIM SHOEMAKER

Stafford Co., KS

CONTRACTOR: Petromark Drilling

ELEVATION: GR: 1874'

KB: 1879'

SPUD: 6/22/07 @ 3:00 P.M.

PTD: 3650'

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DST #4 3488 - 3546' Arbuckle

TIMES: 45-45-30-45

BLOW: 1st Open: weak 1/4" blow inc to 2"

2nd Open: no blow

RECOVERY: 60'gip, 3'clean oil, 38 gravity

60' hocm (26%oil, 74% mud)

IFP: 12-29 ISIP: 228

FFP: 33-35 FSIP: 82

TEMP: 102 degrees

DST #5 3488 - 3560' Arbuckle

TIMES: 45-45-45-45

BLOW: 1st Open: weak 1/2" blow inc to 2"

2nd Open: weak surface blow in 20 min

RECOVERY: 30'gip, 68'g&ocm (5%gas

10% oil, 85% mud)

IFP: 15-31 ISIP: 384

FFP: 40-48 FSIP: 313

TEMP: 100 degrees

DST #6 3554 - 3575' Arbuckle

TIMES: 45-45-45-45

BLOW: 1st Open: weak 1/2" blow inc to btm 18m

2nd Open: weak surface blow inc to btm

RECOVERY: 124' mw(44%m,56%w

w/ oil spks) 316' sw 100% water

IFP: 16-144 ISIP: 1135

FFP: 149-233 FSIP: 1115

TEMP: 110 degrees



**FIELD ORDER 16131**

Subject to Correction

Date	6-23-07	Customer ID		Lease	Hall F	Well #	1-10	Legal	10-215-13w	
C H A R G E	L. B. Drilling, Inc		Depth	3.63	Formation		Shoe Joint	40		
	Casing	8 7/8 2 1/2"	Casing Depth	363	TD	363	Job Type	CNW Sur		
	Customer Representative						Treater			
							St. ... (Drill ...)			

AFE Number		PO Number		Materials Received by	X <i>Buddie Ross</i>	DLS
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT	
P	D003	350sk	60/40 Poz		3718.00	
P	C310	903lb	Calcium Chloride		703.00	
P	C194	822lb	Cellulose		303.00	
P	F163	1m	Wooden Cement plug		88.70	
P	E100	90mi	Heavy Vehicle milage		450.00	
P	E101	45mi	Pickup Mileage		135.00	
P	E104	677tn	Bulk Delivery		1083.60	
P	E107	350sk	Cement Service Charge		525.00	
P	R701	1ea	Casing Cement Pump		924.00	
P	R701	1ea	Cement Head Rental		250.00	
P	E871	1ea	Service Supervisor		150.00	
Discounted price plus taxes						7171.50

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Customer <i>L.P. DRILLING INC.</i>	Lease No. <i>F</i>	Date <i>6-23-07</i>	
Lease <i>HALL</i>	Well # <i>10</i>		
Field Order # <i>11-131</i>	Station <i>1 UNIT, KS.</i>	Casing <i>8 5/8</i>	Depth <i>343</i>
Type Job <i>C/W - 8 5/8 SURFACE PIPE</i>	Formation	County <i>STAFFORD</i>	State <i>KS.</i>
		Legal Description <i>10-215-13W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft	<i>CEMENT</i>	Acid <i>350 SLS-60/40 P02</i>	RATE	PRESS	ISIP	
Depth <i>349</i>	Depth	From	To	Pre Pad <i>1.25 L/FT</i>	Max		5 Min.	
Volume <i>22.2</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>300</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>1.0</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>30</i>	Packer Depth	From	To	Flush <i>21 BBL</i>	Gas Volume		Total Load	

Customer Representative	Station Manager <i>DAVE SOLT</i>	Treater <i>STEVE ORLANDO</i>
Service Units <i>19869</i>	<i>19812</i>	<i>1804</i>
Driver Names <i>ORLANDO</i>	<i>LL 964</i>	<i>SHANLINE</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>3:00 AM</i>					<i>ON LOCATION - SAFETY MEETING</i>
					<i>RUN 1.25 L/FT. 8 5/8 CASING X 2.3"</i>
					<i>1.25 L/FT. BOTTOM</i>
					<i>HICK UP TO 2159 - BREAK CIRC. W/ RIG</i>
<i>5:00</i>	<i>200</i>		<i>5.0</i>	<i>5.0</i>	<i>H2O MILEAD</i>
<i>5:21</i>	<i>150</i>		<i>70</i>	<i>5.0</i>	<i>MIX CEMENT @ 14.8# / gal</i>
					<i>RELEASE PLUG</i>
<i>5:40</i>	<i>0</i>			<i>5.0</i>	<i>START DISPLACEMENT</i>
<i>5:45</i>	<i>200</i>		<i>21</i>	<i>4.0</i>	<i>PLUG DOWN</i>
					<i>CIRCULATION TIRU JOB</i>
					<i>CIRCULATED 10 BBL CEMENT TO PIT</i>
					<i>JOB COMPLETE</i>
					<i>THANKS</i>
					<i>STEVE ORLANDO</i>

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**FIELD ORDER 16358**

Subject to Correction

Date <b>6-30-07</b>	Customer ID	Lease <b>Hall F</b>	Well # <b>1-10</b>	Legal <b>-10-21s-13w</b>
<b>L.D. Drilling</b>		County <b>Stafford</b>	State <b>Ks.</b>	Station <b>Pig #</b>
		Depth	Formation	Shoe Joint
		Casing	Casing Depth	TD
		Customer Representative	Treater <b>Bobby Drake</b>	

AFE Number	PO Number	Materials Received by <b>X [Signature]</b>
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	12203	185sk.	60/40 Poz		1781.35
P	C320	760lb.	Cement Gel		240.00
P	E100	90mi.	Heavy Vehicle Mileage		450.00
P	E101	45mi.	Pickup Mileage		135.00
P	E104	360mi.	Bulk Delivery		576.00
P	E107	185sk.	Cement Service Charge		277.50
P	E851	1ea.	Service Supervisor		150.00
P	R400	1ea.	Cement Pump, Plug + Abandon		700.00

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WICHITA, KS

3788.27

Discounted Price -

**TOTAL**

Customer <i>L.D. Drilling</i>	Lease No.	Date	
Lease <i>Hall of F.</i>	Well # <i>1-10</i>	<i>6-30-07</i>	
Field Order # <i>16354</i>	Station <i>Pratt</i>	Casing	Depth
Type Job <i>CWU - PTA</i>	Formation	County <i>Stafford</i>	State <i>Ks.</i>
		Legal Description <i>10-21s-13w</i>	

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

Customer Representative	Station Manager <i>Dave Scott</i>	Treater <i>Bobby Drake</i>		
Service Units	<i>19816</i>	<i>19841</i>	<i>19832</i>	<i>19860</i>
Driver Names	<i>Drake</i>	<i>Medina</i>	<i>Tanner</i>	<i>Bales</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0830</i>					<i>On location - Safety Meeting</i>
<del>0830</del>					<i>1<sup>st</sup> Plug - 3500 w/ 50sk.</i>
<i>0926</i>	<i>100</i>		<i>10</i>	<i>4.0</i>	<i>H2O Ahead</i>
<i>0929</i>	<i>100</i>		<i>14</i>	<i>4.0</i>	<i>Mix Cmt. @ 13.3#/gal</i>
<i>0932</i>	<i>100</i>		<i>15</i>	<i>4.0</i>	<i>Disp. w/ H2O</i>
<i>0936</i>	<i>0</i>		<i>30</i>		<i>Disp. w/ Mud</i>
					<i>2<sup>nd</sup> Plug - 760 w/ 50sk.</i>
<i>1000</i>	<i>100</i>		<i>5</i>	<i>4.0</i>	<i>H2O Ahead</i>
<i>1002</i>	<i>100</i>		<i>14</i>	<i>4.0</i>	<i>Mix Cmt. @ 13.3#/gal</i>
<i>1006</i>	<i>50</i>		<i>5</i>	<i>4.0</i>	<i>Disp.</i>
					<i>3<sup>rd</sup> Plug - 380 w/ 50sk.</i>
<i>1022</i>	<i>100</i>		<i>5</i>	<i>4.0</i>	<i>H2O Ahead</i>
<i>1023</i>	<i>50</i>		<i>14</i>	<i>4.0</i>	<i>Mix Cmt. @ 13.3#/gal</i>
<i>1026</i>	<i>0</i>		<i>1</i>	<i>4.0</i>	<i>Disp.</i>
					<i>4<sup>th</sup> Plug - 60 w/ 20sk.</i>
<i>1140</i>	<i>0</i>		<i>6</i>	<i>4.0</i>	<i>Mix Cmt. @ 13.3#/gal</i>
<i>1145</i>	<i>0</i>		<i>4</i>		<i>Ret Hole</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby</i>

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