

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

10/30/10

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 3842
Name: LARSON ENGINEERING, INC.
Address: 562 WEST STATE ROAD 4
City/State/Zip: OLMITZ, KS 67564-8561
Purchaser: NCRA
Operator Contact Person: TOM LARSON
Phone: (620) 653-7368
Contractor: Name: H.D. DRILLING, LLC
License: 33935
Wellsite Geologist: ROBERT LEWELLYN

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. _____

7/5/2008 7/13/2008 7/30/2008
Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date _____

API No. 15 - 101-22111-00-00
County: LANE
W2 SW SE SW Sec. 27 Twp. 19 S. R. 28 East West
330 333 feet from SOUTH Line of Section
1413 3887 feet from EAST Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW

Lease Name: STORMONT Well #: 1-27
Field Name: WILDCAT
Producing Formation: CHEROKEE, LANSING-KC
Elevation: Ground: 2774' Kelly Bushing: 2779'
Total Depth: 4722' Plug Back Total Depth: 4676'
Amount of Surface Pipe Set and Cemented at 247' Feet
Multiple State Cementing Collar Used? Yes No
If yes, show depth set 2075 Feet
If Alternate II completion, cement circulated from 2075
feet depth to SURFACE w/ 210 sx cmt.

Drilling Fluid Management Plan Alt II NH 1-7-09
(Data must be collected from the Reserve Pit)
Chloride content 25000 ppm Fluid volume 500 bbls
Dewatering method used ALLOWED TO DRY
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 information shall be filed with the Kansas Corporation Commission, 130 South 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 on 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: Carol Larson
Title: SECRETARY/TREASURER Date: 10/30/2008
Subscribed and sworn to before me this 30TH day of OCTOBER,
2008.
Notary Public: Debra J Ludwig
Date Commission Expires: MAY 5, 2012

KCC Office Use ONLY

Letter of Confidentiality Attached

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 31 2008

DEBRA J. LUDWIG
Notary Public - State of Kansas
My Appt. Expires 5/5/2012

CONSERVATION DIVISION
WICHITA, KS

Operator Name: LARSON ENGINEERING, INC. Lease Name: STORMONT Well #: 1-27

Sec. 27 Twp. 19 S. R. 28 East West County: LANE

INSTRUCTIONS: Show important tops and base of formation penetrated. Detail all cores. Report all final copes of drill stem 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 geologist well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Sample Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <i>(Submit Copy)</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: DUAL INDUCTION DUAL COMP POROSITY MICRORESISTIVITY	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>ANHYDRITE</td> <td>2107</td> <td>+672</td> </tr> <tr> <td>BASE ANHYDRITE</td> <td>2134</td> <td>+645</td> </tr> <tr> <td>HEEBNER SHALE</td> <td>3979</td> <td>-1200</td> </tr> <tr> <td>LANSING - KANSAS CITY</td> <td>4019</td> <td>-1240</td> </tr> <tr> <td>STARK SHALE</td> <td>4300</td> <td>-1521</td> </tr> <tr> <td>BASE KANSAS CITY</td> <td>4381</td> <td>-1602</td> </tr> <tr> <td>PAWNEE</td> <td>4509</td> <td>-1730</td> </tr> <tr> <td>FORT SCOTT</td> <td>4554</td> <td>-1775</td> </tr> <tr> <td>CHEROKEE</td> <td>4576</td> <td>-1797</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>4650</td> <td>-1871</td> </tr> </table> <div style="text-align: center; margin-top: 20px;"> <p>RECEIVED KANSAS CORPORATION COMMISSION OCT 31 2008 CONSERVATION DIVISION WICHITA, KS</p> <p style="font-size: 2em; opacity: 0.5; position: absolute; top: 10px; right: 10px;">KCC</p> <p style="font-size: 1.5em; opacity: 0.5; position: absolute; top: 20px; right: 10px;">OCT 31 2008</p> </div>	Name	Top	Datum	ANHYDRITE	2107	+672	BASE ANHYDRITE	2134	+645	HEEBNER SHALE	3979	-1200	LANSING - KANSAS CITY	4019	-1240	STARK SHALE	4300	-1521	BASE KANSAS CITY	4381	-1602	PAWNEE	4509	-1730	FORT SCOTT	4554	-1775	CHEROKEE	4576	-1797	MISSISSIPPIAN	4650	-1871
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set - conductor, surface, intermediate, production, etc.							
Purpose of string	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12-1/4"	8-5/8"	23#	247'	CLASS A	175	2% GEL, 3% CC
PRODUCTION	7-7/8"	5-1/2"	15.5#	4721'	SMD	125	1/4#/SK FLOCELE
					EA-2	100	7#/SK GILSONITE, 1/8#/SK FLOCELE, 3/4% CFR

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	SURF	2075'	SMD	210	1/4#/SK FLOCELE

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	4622-24, 4359-62, 4350-52	250 GAL 15% MCA	4622-24
4	4330-32	250 GAL 15% MCA	4350-52, 4359-62
4	4309-12	250 GAL 15% MCA	4330-32
		250 GAL 15% MCA	4309-12

TUBING RECORD	Size 2-3/8"	Set At 4662'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 7/30/08		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 105	Gas Mcf 0	Water Bbls. 37	Gas-Oil Ratio 0
				Gravity 38

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval <u>4309 - 4624 OA</u>
---	--	--

ALLIED CEMENTING CO., LLC. 33077

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
News City

DATE <u>7-5-08</u>	SEC. <u>27</u>	TWP. <u>19</u>	RANGE <u>28</u>	CALLED OUT <u>1:00 PM</u>	ON LOCATION <u>4:30 PM</u>	JOB START <u>4:30 PM</u>	JOB FINISH <u>5:00 PM</u>
LEASE <u>Stearmont</u> WELL # <u>1-27</u>		LOCATION <u>Dighton East, 7 south</u>			COUNTY <u>Lane</u>	STATE <u>Ka</u>	
OLD OR (NEW) (Circle one)		<u>to 80 road, 2w, 15, 1/4 W</u>					

CONTRACTOR H-A

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 250'

CASING SIZE 8 3/8 DEPTH 248'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 14.8 BBLS H₂O

OWNER Larson

CEMENT

AMOUNT ORDERED 175 AX Common

3% cc 2% Gel

COMMON	<u>175 ax</u>	@	<u>13.65</u>	<u>2388.75</u>
POZMIX		@		
GEL	<u>3 ax.</u>	@	<u>20.40</u>	<u>61.20</u>
CHLORIDE	<u>5 ax.</u>	@	<u>57.15</u>	<u>285.75</u>
ASC		@		
RECEIVED KANSAS CORPORATION COMMISSION				
OCT 31 2008				
CONSERVATION DIVISION WICHITA, KS				
HANDLING	<u>183 ax.</u>	@	<u>2.10</u>	<u>384.30</u>
MILEAGE	<u>183 ax.</u>	@	<u>10 34</u>	<u>622.20</u>
				TOTAL <u>3742.20</u>

EQUIPMENT

G.B.

PUMP TRUCK CEMENTER D. Deuling

120 HELPER Alvin

BULK TRUCK

341 DRIVER Kevin

BULK TRUCK

_____ DRIVER _____

REMARKS:

Break Circulation

Hook to pump truck, mix 175 ax

Common 3% cc 2% gel.

Displace down 8 3/8 pwedge with

14.8 BBLS fresh H₂O.

Cement did circulate.

Shut in 8 3/8 pwedge.

SERVICE

DEPTH OF JOB	<u>248'</u>		
PUMP TRUCK CHARGE			<u>999.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>34</u>	@	<u>7.00</u>
MANIFOLD		@	
		@	
TOTAL <u>1237.00</u>			

CHARGE TO Larson Engineering Inc.

STREET 502 W State Rd 4

CITY Olmitz STATE Kansas ZIP 67564

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL _____			

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Doug Roberts

SIGNATURE Doug Roberts

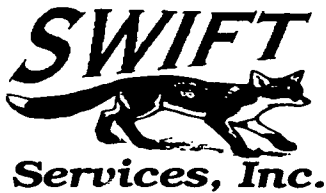
Thanks!

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

Thank you!



CHARGE TO: LARSON ENGINEERING
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

TICKET No 14571

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Ness City, Ks WELL/PROJECT NO. 1-27 LEASE STORMONT COUNTY/PARISH LAKE STATE Ks CITY _____ DATE 7-17-08 OWNER SAME
 2. TICKET TYPE SERVICE SALES CONTRACTOR WILD WEST WELL SERVICE RIG NAME/NO. _____ SHIPPED VIA CT DELIVERED TO LOCATION ORDER NO. _____
 3. WELL TYPE OTL WELL CATEGORY DEVELOPMENT JOB PURPOSE CEMENT PORT COLLAR WELL PERMIT NO. _____ WELL LOCATION DEWTON, Ks - 8S, 3 1/4 E, N20T0
 4. REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 104	45		ME		6.00	270.00
578		1			PUMP SERVICE	1	2075	FT		1400.00	1400.00
330		1			SWIFT MULTI-DENSITY STANDARD	210		SKS		15.50	3255.00
276		1			FLOCELE	56		LBS		1.50	84.00
290		1			D-ADR	2		Gal		35.00	70.00
581		1			SERVE CHARGE CEMENT	225		SKS		1.90	427.50
583		1			DRAYAGE	22326		LBS	502.335	1.75	8791.09

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 OCT 3 1 2008
 CONSERVATION DIVISION
 MICHITA, KS

RECEIVED
 OCT 1 1 2008
 KCS

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X [Signature]
 DATE SIGNED 7-17-08 TIME SIGNED 0900 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				6385.59
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL

Lane TAX 5.3% 180.68

TOTAL 6566.27



CHARGE TO:
CARSON OPERATING
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 No 14564

PAGE 1 OF 2

SERVICE LOCATIONS
 1. **NESS CITY, KS**
 2.
 3.
 4. REFERRAL LOCATION

WELL/PROJECT NO. **1-27** LEASE **STORMONT** COUNTY/PARISH **LANE** STATE **KS** CITY **NESS CITY** DATE **7-13-08** OWNER **SAME**

TICKET TYPE SERVICE SALES CONTRACTOR **H-D DRILLING** RIG NAME/NO. **LOCATION** SHIPPED VIA **CT** DELIVERED TO **LOCATION** ORDER NO.

WELL TYPE **OIL** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **5/2" LONGSTRUNG** WELL PERMIT NO. WELL LOCATION **DIGHTON, KS - 85, 3 EAST, N 210**

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #104	45		ME		6.00	270.00
578		1			PUMP SERVICE	1		JOB	4721	1400.00	1400.00
221		1			LIQUID KCL	2		GAL		26.00	52.00
281		1			MUD FLUSH	500		GAL		1.00	500.00
419		1			ROTATING HEAD RENTAL	1		JOB		250.00	250.00

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 CONSERVATION DIVISION
 WICHITA, KS
 OCT 31 2008

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 OCT 31 2008
 COMPLIMENTARY

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *[Signature]*
 DATE SIGNED **7-13-08** TIME SIGNED **2000** A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#1	2472.00
WE UNDERSTOOD AND MET YOUR NEEDS?				#2	5476.91
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	7948.91
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	260.95
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			Lanc 5.3%	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	8209.86

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR *WAVE WILSON* APPROVAL

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 14564

CUSTOMER: Larson Operating
WELL: STORMONT 1-27
DATE: 7-13-08
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		100	ACCT	ADF			QTY	U/M	QTY	U/M		
325		1				STANDARD CEMENT	EA-2	100	SYS		12.75	1275.00
330		1				SWIFT MULTIGRADY STANDARD		125	SYS		15.50	1937.50
276		1				FLOCELE		56	lbs		1.50	84.00
277		1				GELSONOTE		700	lbs		.40	280.00
283		1				SALT		500	lbs		.20	100.00
284		1				CALSEAL		5	SYS	500 lbs	30.00	150.00
285		1				CFR-1		50	lbs		4.50	225.00
290		1				D-ADD		2	gal		35.00	70.00
581		1				SERVICE CHARGE				CUBIC FEET		
583		1				MILEAGE CHARGE				TON MILES		
							TOTAL WEIGHT	23566		LOADED MILES	45	
								225			1.90	427.50
								530.235			1.75	927.91

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 MICHITA, KS

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 OCT 1 1 00 PM '08

CONTINUATION TOTAL 5476.91

JOB LOG

SWIFT Services, Inc.

DATE 7-13-08 PAGE NO. 7

CUSTOMER CARSON OPERATING WELL NO. 1-27 LEASE STORMONT JOB TYPE 5 1/2" LONGSTRENG TICKET NO. 14564

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							ON LOCATION
								TD-4722 SET = 4721
								TP-4726 5 1/2" # 15.5
								ST-42'
								PORT COLLAR = 2075'
								KCC
								OCT 31 2008
	1905							DROP BALL - CIRCULATE CONFIDENTIAL ROTATE
	2110	6	12		✓	450		PUMP 500 GAL - MUDFLUSH "
	2112	6	20		✓	450		PUMP 20 BBLS KCL-FLUSH "
	2117		4 1/2					PLUG RH
	2120	5	52		✓	300		MAX CMST W-125 SMD = 12.2 PPG "
		4 1/2	24		✓	200		TL-100 EA-2 = 15.5 PPG "
	2136							WASH OUT PUMP - LESES
	2136							RELEASE LATCH DOWN PLUG
	2140	7	0		✓			DISPLACE PLUG "
		7	101			7750		SHUT OFF ROTATING
	2155	6 1/2	1165			1500		PLUG DOWN - PSE UP LATCH TO PLUG
	2158					OK		RELEASE PSE - HELD
								RECEIVED KANSAS CORPORATION COMMISSION
								OCT 31 2008
								WASH TRUCK
								CONSERVATION DIVISION WICHITA, KS
	2300							JOB COMPLETE
								THANK YOU
								WAYNE, DUSTY, DON

Robert C. Lewellyn

Consulting Petroleum Geologist

P. O. Box 609
Kechi, KS 67067-0609
Office 316-744-2567
Cell 316-518-0495
Fax 209-396-2988
boblewellyn@yahoo.com

GEOLOGICAL REPORT

Larson Engineering, Inc.

Stormont No. 1-27
330 FSL & 1413 FWL Sec. 27-19S-28W
Lane County, Kansas

KCC
OCT 31 2008
CONFIDENTIAL

CONTRACTOR: H. D Drilling, LLC
SPUDED: July 05, 2008
DRILLING COMPLETED: July 13, 2006
SURFACE CASING: 8 5/8" @ 247 KBM/175 sx.
ELECTRIC LOGS: Log-Tech DIL MEL CDN
ELEVATIONS: 2779 KB 2774 GL
FORMATION TOPS (Electric Log):

Anhydrite	2107 (+ 672)
Base Anhydrite	2134 (+ 645)
Heebner Shale	3979 (-1200)
Lansing-Kansas City Group	4019 (-1240)
Muncie Creek Shale	4200 (-1421)
Stark Shale	4300 (-1521)
Hushpuckney shale	4338 (-1559)
Base Kansas City	4381 (-1602)
Altamont	4426 (-1647)
Pawnee	4509 (-1730)
Myrick Station	4529 (-1750)
Fort Scott	4554 (-1775)
Cherokee	4576 (-1797)
Mississippian	4650 (-1871)
Electric Log Total Depth	4722 (-1943)

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OCT 31 2008

CONSERVATION DIVISION
WICHITA, KS

Samples were examined microscopically from 3800 to Rotary Total Depth. Samples were examined wet and dry and samples from potentially productive zones were viewed under a fluoroscope and checked for oil cut. Following is a description of zones of

interest, Drill Stem Tests, etc. For a complete lithologic description of all formations, refer to the sample log in the back pages of this report.

Lansing-Kansas City Zones:

4026-4034 (A Zone)

Limestone, cream to buff, finely crystalline with much chalk, poor scattered intercrystalline porosity in part, no show of oil, cross-plot porosity just below this interval is chalky and shaly with no show of oil.

4060-4070 (B Zone)

Limestone, cream to buff, some tan, some gray, dense to finely crystalline with much chalk, trace of poor scattered intercrystalline porosity, no show of oil.

4079-4101 (C-D Zone)

Limestone, cream to buff to tan, dense to finely crystalline, much chalk, zone is mostly tight with no shows of oil.

4104-4120 (E Zone)

Limestone, broken section of cream to buff, dense to finely crystalline, tight, chalky, with no shows of oil

4123-4139 (F Zone)

Limestone, cream to buff, some tan, dense to finely crystalline, oolitic in part with dense-oolitic, zone is mostly tight with no show of oil, some scattered chert, white, opaque, fresh.

4143-4159 (G Zone)

Limestone, cream to buff to tan, finely crystalline and oolitic, fair ooliticastic porosity, no show of oil, some white chert, fresh, opaque.

4212-4238 (H Zone)

Limestone, buff to tan, some brown, dense to finely crystalline and partly fossiliferous, rare trace of scattered poor intercrystalline porosity, trace of chalky limestone, no show of oil.

4240-4260 (I Zone)

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CONSERVATION DIVISION
WICHITA, KS

Limestone, cream to buff, some tan, dense to finely crystalline, chalky and shaly, slightly fossiliferous, trace of poor intercrystalline porosity, no show of oil.

4276-4289 (J Zone)

Limestone, Limestone, cream to buff, finely crystalline and oolitic, fair to good oolitic porosity, poor spotted stain, very slight show of free oil, good odor, no fluorescence, poor cut, porosity is 90% barren in this zone.

4310-4312 (K Zone)

Limestone, buff, finely crystalline, some slightly oolitic, fair intercrystalline porosity, scattered fair spotted stain, fair show of free oil, good odor, poor fluorescence, fair cut.

4329-4334 (K2 Zone)

Limestone, buff, some tan, some brown, dense to finely crystalline, trace of medium crystalline and fossiliferous, fair intercrystalline and interfossil porosity, fair spotted stain, slight show of free oil, fair odor, poor fluorescence, fair cut.

4250-4253 (L Zone)

Limestone, buff to tan and brown, dense to finely crystalline, some medium crystalline, considerable crystal overgrowth within fragments, fair intercrystalline porosity, poor to fair spotted stain, very slight show of free oil, fair odor, poor fluorescence, fair cut.

4387-4391 (Pleasanton)

Limestone, cream to buff, finely crystalline and fossiliferous, chalky, scattered poor intercrystalline porosity, no show of oil.

4465-4468 (Altamont Zone)

Limestone, cream to buff, some tan and brown, dense to finely crystalline and chalky, scattered poor intercrystalline porosity, shaly and chalky, no show of oil.

4509-4526 (Pawnee Zone)

Limestone, tan to brown, dense to finely crystalline, some sub-lithographic, trace of scattered chert, tan, fresh, sub-translucent, zone is tight with no shows of oil.

4529-4550 (Myrick Station Zone)

Limestone, buff to tan, dense to finely crystalline, mostly tight, no show of oil.

4554-4576 (Fort Scott Zone)

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Limestone, buff to tan, dense to finely crystalline, trace of oolitic and dense-oolitic, mostly tight with traces of scattered dead oil stain, no show of live oil.

4576-4602 (Cherokee Zones)

Limestone, tan to brown, dense to finely crystalline and oolitic, some brown limestone with black oolites, zone is mostly tight, no show of oil.

4602-4631 (Johnson Zone)

Limestone, buff to tan, dense to finely crystalline, some sub-lithographic, zone is mostly tight, no show of oil.

4631-4650 (Detrital Zone)

Chert, tan, some orange, fresh, sub-translucent, with scattered sand, fine grained, partly glauconitic, well cemented, hard, tight, some asphaltic dead free oil, faint odor, black stain in part of sand, no show of live oil.

4650-4672 (Mississippian)

Dolomite, tan, fine to medium crystalline, slightly cherty, trace of poor intercrystalline porosity, no show of oil, considerable pyrite in samples.

4672-4681

Dolomite, tan, fine to medium crystalline, trace of very poor intercrystalline porosity with traces of kaolinite infilling, trace of scattered dead stain, no show of live oil.

4681-4720

Dolomite, tan, fine to medium crystalline and partly oolitic, scattered very poor pinpoint, intercrystalline, and small vug porosity, slight rainbow show of oil, no stain, no free oil, no odor, no fluorescence, no cut. Zone warrants no further evaluation.

4720

Rotary Total Depth

Conclusions and Recommendations:

The No. 1 Stormont should be perforated and production tested in the Lansing "L" Zone, "K" Zone, and "J" Zone. Prior to abandonment the lower Johnson zone at 4626-4630 should be perforated even though no shows were observed through this section.

Respectfully submitted,

Robert C. Lewellyn, Petroleum Geologist

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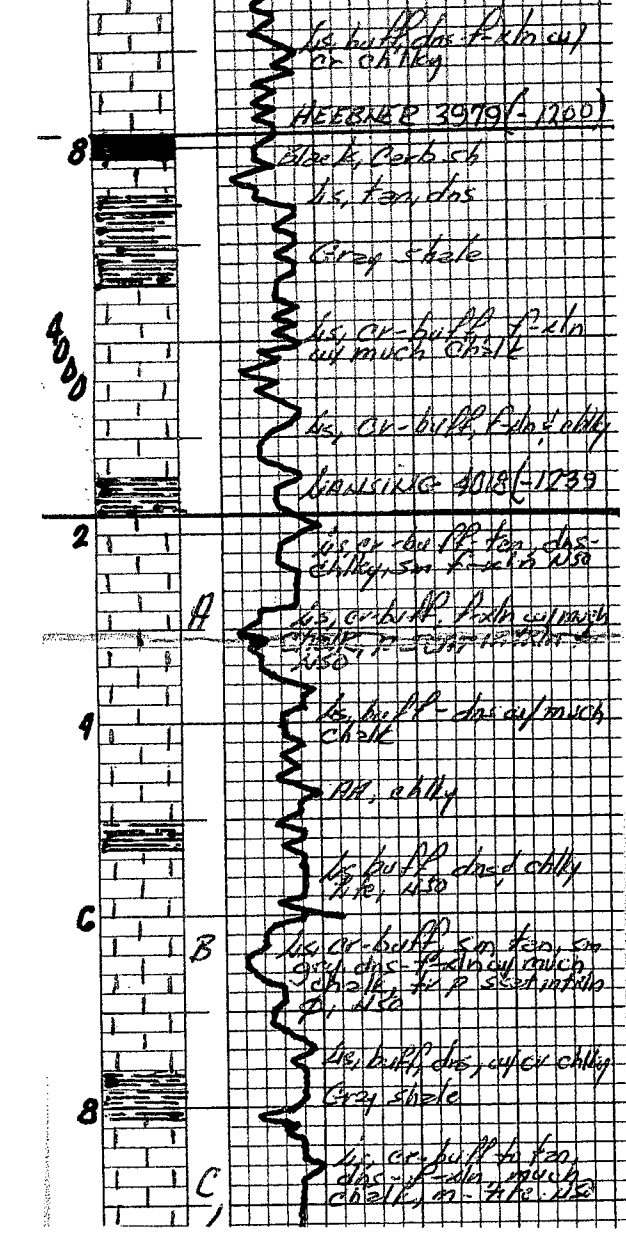
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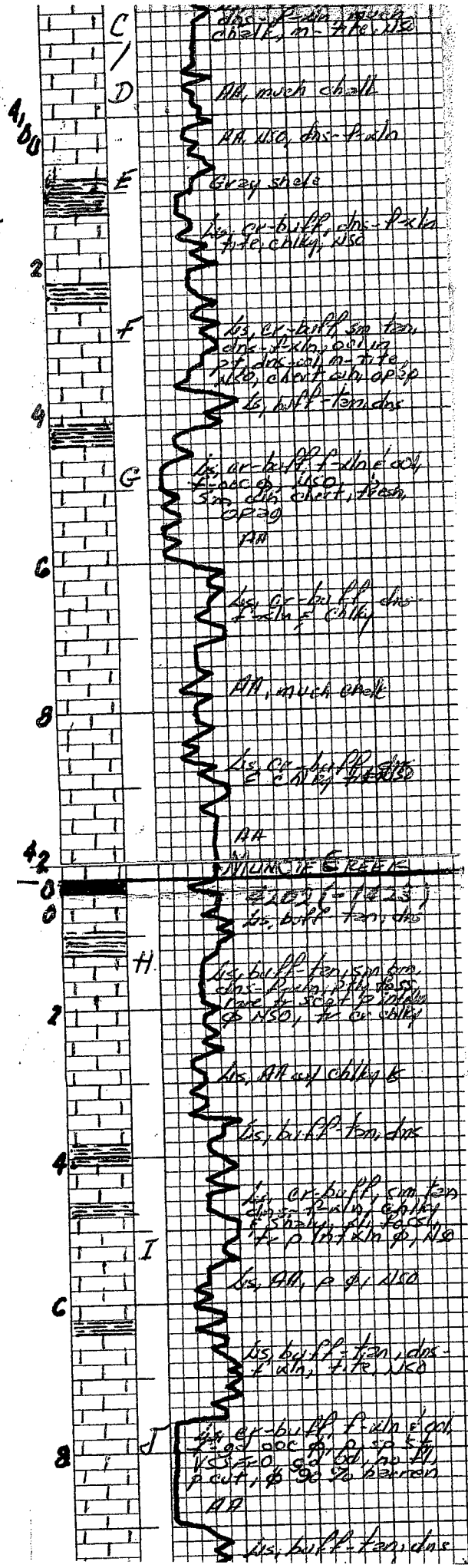
STATE **KANSAS** COMPANY **LARSON ENGINEERING** ^{240.}
COUNTY **LANE** FARM **Stormont** WELL NO. **1**
BLOCK **330' FSL & 1013 FWL**
SEC. **27** **W/2 SW SE SW**
T **195** R **28W** TOTAL DEPTH **4720**
CONTRACTOR **H. D. DRILLING, INC.**
COMMENCED **07-05-08**
COMPLETED **07-13-08**
REMARKS **Robert C. Lewellen - loc**
ALTITUDE **2779 KB**
PRODUCTION **Oil**

CASING RECORD
8 5/8" @ 247 KBM/175 SX.

TIME RATE SCALE: 1/10" = MINUTES
Kraftbilt 450-A TULSA, OKLAHOMA 74101 PRINTED IN U.S.A.



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4300
2
4
6
8
1150
2
4
6
8

us, buff. tan, dms
STRAK 4300 (-1521)

us, buff. tan, dms

K
us, buff. tan, dms
sl. gch, sint. dms
sp. spt, f. sb
sp. spt, f. sb
cut

us, tan, dms
us, buff. tan, dms
int. dms, sint. dms
HUSSTRACKNEY 4350

us, buff. tan, dms
(-1589)

L
us, tan, dms
dms, f. dms, sint. dms
sp. spt, f. sb
sp. spt, f. sb
cut

us, buff. tan, dms

BASE KR 4379 (-1600)

us, or buff. tan, dms
int. dms, N50

AA

us, or buff. tan, dms
f. cherty, N50

us, buff. tan, dms
sint. dms, N50

INTERMITT 4427

(-1648)

us, or buff. tan, dms
f. cherty, sint. dms
int. dms, N50

us, AA

us, buff. tan, dms
f. cherty, or cherty
N50

us, or buff. tan, dms
sint. dms, N50

us, or buff. tan, dms
sint. dms, N50

us, or buff. tan, dms
f. cherty, N50

