

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

4/09/09

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: _____

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 Temp Abd.

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. Enhr/SWD

Plug Back Plug Back Total Depth

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Enhr.?) Docket No. _____

12/18/2007 1/2/2008 1/2/2008

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

API No. 15 - 101-22055-0000

County: LANE

N2 NW SE Sec. 16 Twp., 17 S. R. 28 East West

2310 feet from SOUTH Line of Section

1980 feet from EAST Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: EITEL Well #: 1-16

Field Name: LANE LAKE SOUTH

Producing Formation: _____

Elevation: Ground: 2758' Kelly Bushing: 2763'

Total Depth: 4630' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 256' Feet

Multiple State 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 DA NH 11-7-08
(Data must be collected from the Reserve Pit)

Chloride content, 14000 ppm Fluid volume 540 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: 4/9/2008

Subscribed and sworn to before me this 9TH day of APRIL,

20 08.

Notary Public: Debra J Ludwig

Date Commission Expires: MAY 5, 2008

KCC Office Use ONLY

Letter of Confidentiality Attached

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

DEBRA J. LUDWIG
Notary Public - State of Kansas
My Appt. Expires 5/5/2008

Operator Name: LARSON ENGINEERING, INC. Lease Name: EITEL Well #: 1-16
 Sec. 16 Twp. 17 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: DUAL INDUCTION DUAL COMP POROSITY BOREHOLE COMP SONIC MICRORESISTIVITY	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;"><input checked="" type="checkbox"/> Log</td> <td style="width:40%;">Formation (Top), Depth and Datum</td> <td style="width:30%;"><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>ANHYDRITE</td> <td>2125</td> <td>+638</td> </tr> <tr> <td>BASE ANHYDRITE</td> <td>2156</td> <td>+607</td> </tr> <tr> <td>HEEBNER SHALE</td> <td>3913</td> <td>-1150</td> </tr> <tr> <td>LANSING -KANSAS CITY</td> <td>3951</td> <td>-1188</td> </tr> <tr> <td>STARK SHALE</td> <td>4207</td> <td>-1444</td> </tr> <tr> <td>BASE KANSAS CITY</td> <td>4287</td> <td>-1524</td> </tr> <tr> <td>PAWNEE</td> <td>4401</td> <td>-1638</td> </tr> <tr> <td>FORT SCOTT</td> <td>4456</td> <td>-1693</td> </tr> <tr> <td>CHEROKEE</td> <td>4479</td> <td>-1716</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>4549</td> <td>-1786</td> </tr> </table> <div style="text-align: center; margin-top: 10px;"> RECEIVED KANSAS CORPORATION COMMISSION APR 10 2008 </div>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	ANHYDRITE	2125	+638	BASE ANHYDRITE	2156	+607	HEEBNER SHALE	3913	-1150	LANSING -KANSAS CITY	3951	-1188	STARK SHALE	4207	-1444	BASE KANSAS CITY	4287	-1524	PAWNEE	4401	-1638	FORT SCOTT	4456	-1693	CHEROKEE	4479	-1716	MISSISSIPPIAN	4549	-1786
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																																			
Name	Top	Datum																																			
ANHYDRITE	2125	+638																																			
BASE ANHYDRITE	2156	+607																																			
HEEBNER SHALE	3913	-1150																																			
LANSING -KANSAS CITY	3951	-1188																																			
STARK SHALE	4207	-1444																																			
BASE KANSAS CITY	4287	-1524																																			
PAWNEE	4401	-1638																																			
FORT SCOTT	4456	-1693																																			
CHEROKEE	4479	-1716																																			
MISSISSIPPIAN	4549	-1786																																			

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> CONSERVATION DIVISION							
Report all strings set – conductor, surface, intermediate, production							
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#	256'	CLASS A	175	2% GEL, 3% CC

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					

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

CONFIDENTIAL
APR 09 2008
KCC

TUBING RECORD				Size	Set At	Packer At	Liner Run	
							<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed 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	Bbbs.	Gas	Mcf	Water	Bbbs.	Gas-Oil Ratio	Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>If vented, submit ACO-18.</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) <u>D & A</u>	N/A

LARSON ENGINEERING INC.

562 WEST STATE ROAD 4
OLMITZ, KS 67564-8561

(620) 653-7368
(620) 653-7635 FAX

ACO-1 CONFIDENTIALITY REQUEST

VIA UPS NEXT DAY

April 9, 2008

Kansas Corporation Commission
Oil & Gas Conservation Division
130 South Market, Room 2078
Wichita, KS 67202

RECEIVED
KANSAS CORPORATION COMMISSION

APR 10 2008

CONSERVATION DIVISION
WICHITA, KS

Re: Eitel 1-16
C N2 NW SE Sec. 16-17S-28W
Lane County, Kansas
API #15-101-22055-00-00

Ladies and Gentlemen:

Enclosed please find the ACO-1 Well Completion Form, with copies of logs, geo report, cementing tickets and DST data (if applicable) for the captioned well. We request that all information be held confidential for the period of one year, two years if we may so request at this time.

If you have questions or require additional information, please call.

Sincerely,

Larson Engineering, Inc.



Carol Larson
Secretary/Treasurer

CONFIDENTIAL
APR 11 9 2008
KCC

Encl.

ALLIED CEMENTING CO., INC.

25522

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

SERVICE POINT:

Great Bend

DATE <u>12-18-07</u>	SEC. <u>16</u>	TWP. <u>17S</u>	RANGE <u>28W</u>	CALLED OUT <u>6:00 AM</u>	ON LOCATION <u>7:30 AM</u>	JOB START <u>3:30 PM</u>	JOB FINISH <u>4:30 PM</u>
LEASE <u>Eitel</u>	WELL # <u>1-16</u>	LOCATION <u>Dighton 7N to 220 RD</u>			COUNTY <u>Lane</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>2 1/2 E 1/2 S E/into</u>				

CONTRACTOR H-D Rig 1
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 259'
 CASING SIZE 8 5/8 DEPTH 259'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 200 MINIMUM 50
 MEAS. LINE _____ SHOE JOINT 15'
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT FRESH WATER 15 1/2 BBLS

OWNER Larson Engineering
 CEMENT
 AMOUNT ORDERED 175 SX common + 3% CC + 2% GEL

EQUIPMENT
 PUMP TRUCK CEMENTER DWAYNE W
 # 181 HELPER Wayne D
 BULK TRUCK
 # 341 DRIVER Carl S
 BULK TRUCK
 # _____ DRIVER _____
 CONFIDENTIAL
 APR 10 2008

COMMON	<u>175 WL</u>	@	<u>11.10</u>	<u>1942.50</u>
POZMIX		@		
GEL	<u>3 WL</u>	@	<u>16.65</u>	<u>49.95</u>
CHLORIDE	<u>5 WL</u>	@	<u>46.60</u>	<u>233.00</u>
ASC		@		
HANDLING	<u>183 WL</u>	@	<u>1.90</u>	<u>347.70</u>
MILEAGE	<u>183 WL @ 9.38</u>			<u>625.86</u>
TOTAL				<u>3199.01</u>

SERVICE

DEPTH OF JOB	<u>259'</u>		
PUMP TRUCK CHARGE			<u>815.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>38</u>	@	<u>600</u> <u>228.00</u>
MANIFOLD HEAD RENT		@	<u>100.00</u> <u>100.00</u>
TOTAL <u>1143.00</u>			

REMARKS: KCC
pipe on bottom break circulation
pump 175 SX common + 3% CC + 2% GEL
SHUT DOWN released plug and
DISP WITH 15 1/2 BBLS OF FRESH
WATER SHUT IN CEMENT DID
CIRCULATE
RIG DOWN

PLUG & FLOAT EQUIPMENT

<u>8 5/8 wooden plug</u>	<u>60.00</u>	<u>60.00</u>
	@	
	@	
	@	
	@	
TOTAL <u>60.00</u>		

CHARGE TO: LARSON ENGINEERING
 STREET _____
 CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE x Doug Roberts

x Doug Roberts
 PRINTED NAME

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 Operating Company

Eitel No. 1-16
2310' FSL & 1980' FEL Sec. 16-17S-28W
Lane County, Kansas

CONTRACTOR: H D Drilling, LLC
SPUDDED: December 18, 2007
DRILLING COMPLETED: January 02, 2008
SURFACE CASING: 8 5/8" @ 256 KBM/175 sx.
ELECTRIC LOGS: Log-Tech DIL CDN MEL BHCS
ELEVATIONS: 2763 KB 2758 GL

FORMATION TOPS (Electric Log):

Anhydrite	2125 (+ 638)
Base Anhydrite	2156 (+ 607)
Heebner Shale	3913 (-1150)
Lansing-Kansas City Group	3951 (-1188)
Muncie Creek Shale	4115 (-1352)
Stark Shale	4207 (-1444)
Hushpuckney shale	4246 (-1483)
Base Kansas City	4287 (-1524)
Marmaton	4324 (-1561)
Altamont	4355 (-1592)
Pawnee	4401 (-1638)
Myrick Station	4421 (-1658)
Fort Scott	4456 (-1693)
Cherokee	4479 (-1716)
Mississippian	4549 (-1786)
Electric Log Total Depth	4630 (-1867)

CONFIDENTIAL
APR 09 2008
KCC

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:

3956-3959 (A Zone)

Limestone, buff to tan, dense to finely crystalline, some cream, chalky, some lithographic lime near base of zone, zone is mostly tight with no show of oil.

3982-3986 (B Zone)

Limestone, buff to tan, dense, some finely crystalline, much cream chalky, zone is mostly tight, no show of oil.

4002-4030 (C-D Zone)

Limestone, buff to tan, dense with cream chalky, some light gray chert, fresh, sub-translucent, zone is tight, no show of oil.

4036-4039 (E Zone)

Limestone, buff to tan, dense to finely crystalline, slightly fossiliferous, much cream chalky limestone, zone is mostly tight, no show of oil.

4042-4046 (F Zone)

Limestone, cream to buff, finely crystalline and chalky, slightly fossiliferous, some dense limestone, zone is mostly tight, no show of oil.

4067-4073 (G Zone)

Limestone, buff to tan, finely crystalline and finely oolitic, poor to fair ooliticastic porosity, good odor, poor spotted stain, some dead stain, no free oil, no fluorescence, no cut, porosity is 90% barren.

4132-4138 (H Zone)

Limestone, cream to buff, dense to finely crystalline, scattered poor to fair intercrystalline porosity, scattered poor to fair spotted stain, faint fleeting odor, very slight show of free oil, poor fluorescence, poor cut, electric log indicates this zone warrants no further evaluation.

CONFIDENTIAL

APR 09 2008

KCC

4165-4167 (I Zone)

Limestone, buff to tan, dense to finely crystalline, fossiliferous, poor intercrystalline and interfossil porosity, trace of very poor spotted stain, rare very slight show of free oil, no odor, no fluorescence, no cut, zone warrants no further evaluation.

4195-4198 (J Zone)

Limestone, cream to buff, dense to finely crystalline and chalky, partly fossiliferous and oolitic, trace of very poor oolitic porosity, rare trace of very poor spotted stain, no free oil, no odor, no cut, zone is essentially tight and porosity is 95% barren.

4228-4234 (K Zone)

Limestone, cream to buff, dense to finely crystalline, slightly fossiliferous, scattered very poor intercrystalline porosity, rare trace of spotted stain, very slight show of free oil, no odor, no fluorescence, no cut, zone warrants no further evaluation.

4260-4287 (L Zone)

Limestone, cream to buff, dense to finely crystalline and chalky, partly fossiliferous, scattered poor intercrystalline and interfossil porosity, trace of dead stain, no show of live oil.

4287-4324 (Pleasanton)

The Pleasanton section consisted of limestone, cream to buff, some tan, finely crystalline and chalky, mostly tight with rare trace of poor spotted stain, no free oil, no odor, no fluorescence, no cut. Section contains much cream chalky limestone and warrants no further evaluation.

CONFIDENTIAL

4324-4355 (Marmaton)

APR 09 2008

Limestone, cream to buff to tan, chalky and dense, some brown dense, trace of chert, fossiliferous, fresh, opaque, zone is mostly tight with no shows of oil.

KCC

4355-4395 (Altamont)

Limestone, buff to tan to gray, some mottled, rare trace of poor intercrystalline porosity, trace of very poor spotted stain, very slight show of free oil, no odor, no fluorescence, no cut, lower portion of zone is tight, zone warrants no further evaluation.

4401-4418 (Pawnee)

Limestone, buff to tan, some brown, dense to finely crystalline, trace of very poor scattered vugular porosity with rare trace of very poor spotted stain, no free oil, no odor, no fluorescence, no cut, zone warrants no further evaluation.

4421-4451 (Myrick Station)

Limestone, tan, some brown, dense to finely crystalline, slightly fossiliferous, trace of very poor light spotted stain in tight limestone, no free oil, no odor, no fluorescence, no cut, zone warrants no further evaluation.

4456-4479 (Fort Scott)

Limestone, tan to brown, dense, trace of dense-oolitic, zone is mostly tight with a trace of poor spotted stain, very slight show of free oil, no odor, no fluorescence, no cut. Lower section is Limestone, tan to brown, dense, some finely crystalline, trace of oolitic, poor intercrystalline porosity, trace poor light spotted stain, no free oil, no odor, no fluorescence, no cut. Zone warrants no further evaluation.

4479-4517 (Cherokee)

This section consisted of limestones, buff to tan and brown, mostly tight with no shows of oil.

4517-4539 (Johnson Zone)

Limestone, buff, some tan, dense to finely crystalline, slightly fossiliferous, zone is mostly tight with no shows of oil.

CONFIDENTIAL
APR 09 2008

4539-4545 (Cherokee sand)

Sand, light gray, calcareous, very fine grained, well sorted, well cemented, trace of friable with good spotted to saturated stain, fair show of free oil, good odor, fair fluorescence, fair cut, zone is thin and appears to have little or no reservoir quality. Zone warrants no further evaluation

KCC

4549-4554 (Mississippian)

Limestone, cream to buff, dense to finely crystalline and chalky, flaky, mostly tight with no show of oil.

4554-4566

Dolomite, gray to buff, finely crystalline, poor to fair intercrystalline porosity, trace of fair vugular porosity, fair to good spotted stain, good show of free oil, fair odor, fair fluorescence, fair to good cut.

Drill Stem Test No. 1

4535-4560

Open 15 minutes, shut in 30 minutes, open 15 minutes, shut in 30 minutes; weak quarter-inch blow, died in 12 minutes, no blow on second flow period. Recovered 10 feet of mud. ISIP 1180# FSIP 1135# IFP 15-19# FFP 21-26# IHP 2213# FHP 2176# BHT 120 degrees.

4566-4630

The remainder of the Mississippian consisted of buff to tan tight dolomites, alternating with zones of poor intercrystalline porosity. Scattered very poor spotted stain was present in the upper portion of this interval, but no free oil, no odor, no fluorescence and no cut were present. No further evaluation is warranted in the Mississippian.

4630

Rotary Total Depth

Conclusions and Recommendations:

Sample examination, drill stem testing, and electric logging revealed no zones of possible commercial production of oil or gas in the No. 1-16 Eitel. It was therefore recommended that this well be plugged and abandoned.

Respectfully submitted,

Robert C. Lewellyn
Petroleum Geologist

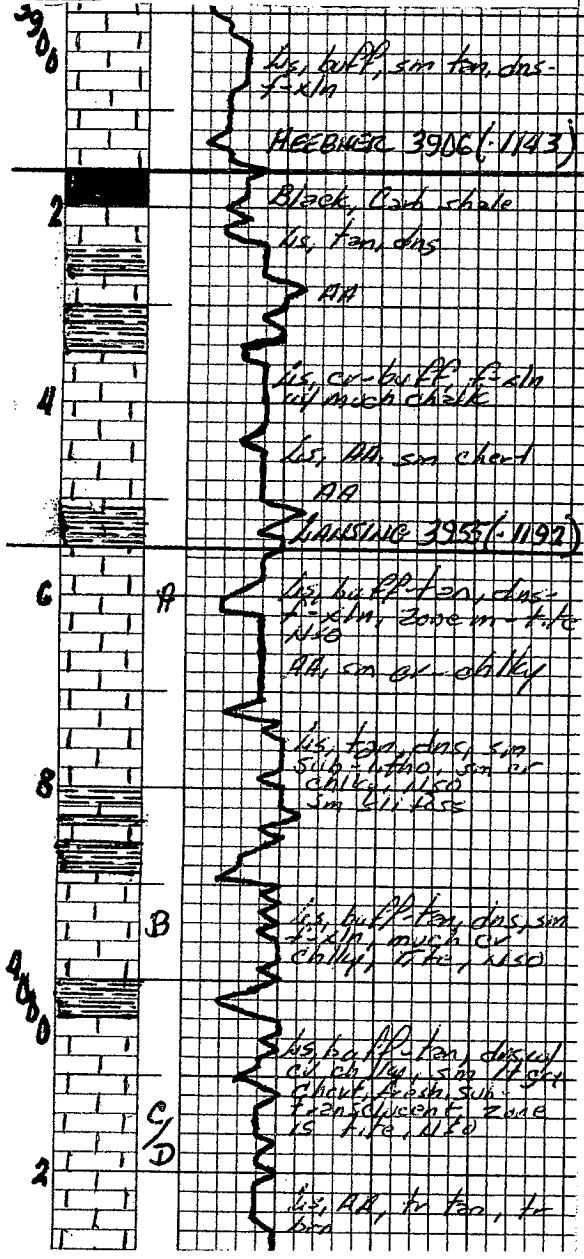
RCL:me

CONFIDENTIAL
APR 19 2003
KCC

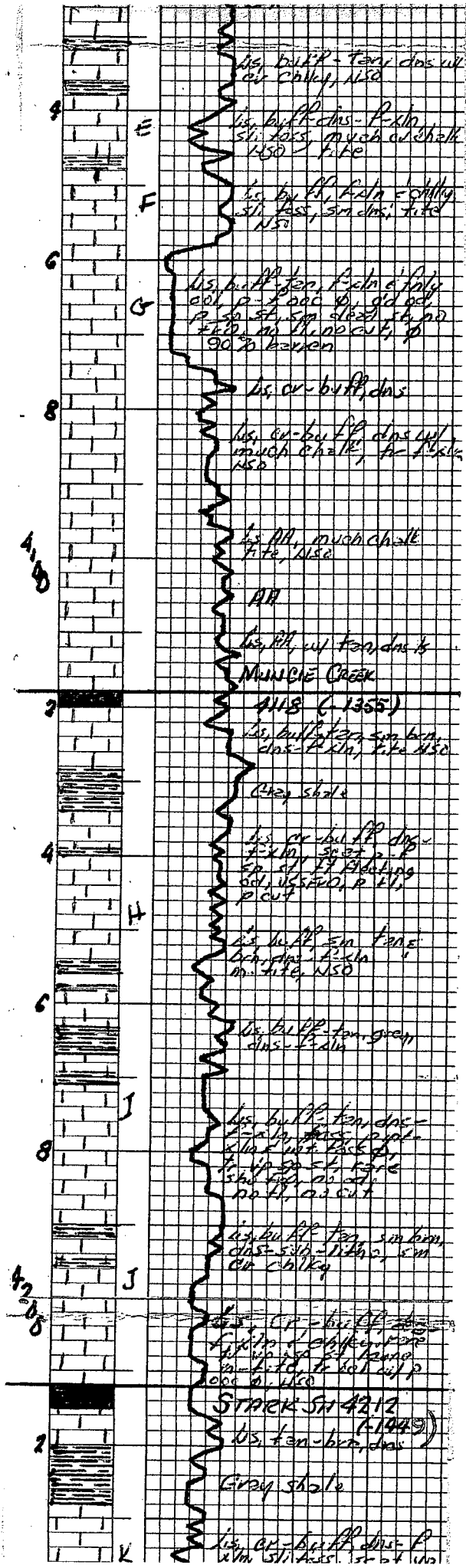
STATE KANSAS	COMPANY LARSON ENGINEERING INC.
COUNTY LANE	FARM EITEL
BLOCK 16	WELL NO. 1-16
SEC. 16	SURVEY 2310 FSL & 1980 FEL
T 175	B 28W
TOTAL DEPTH 4630	
CONTRACTOR H D Drilling, LLC	
COMMENCED 12-18-07	
COMPLETED 01-02-08	
REMARKS	
ALTITUDE 2763 KB	
PRODUCTION D & A	
CASING RECORD Robert C. Jewellyn - Coal	
8 5/8" @ 256 KBM / 175 ft	

SHOT QUARTS BETWEEN

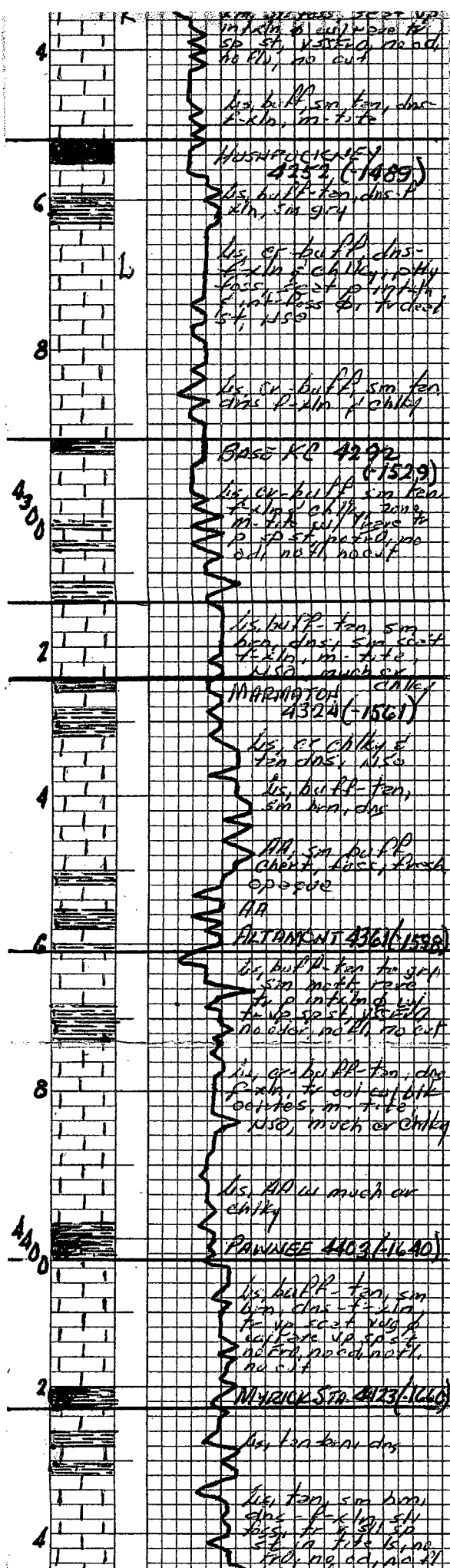
TIME RATE SCALE: 1/10" = MINUTES



CONFIDENTIAL
APR 09 2008
KCC



CONFIDENTIAL
 APR 19 2008
 KCC



CONFIDENTIAL
 APR 09 2008
 KCC

