

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

5/24/10

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 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. _____

<u>1/28/2008</u>	<u>2/9/2008</u>	<u>3/28/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 101-22072-00-00
 County: LANE
SE SW NW SW Sec. 33 Twp. 18 S. R. 29 East West
1594 feet from SOUTH Line of Section
338 feet from WEST Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW **SW**
 Lease Name: MURPHY Well #: 1-33
 Field Name: WILDCAT
 Producing Formation: L-KC, MARMATON, CHEROKEE
 Elevation: Ground: 2822' Kelly Bushing: 2827'
 Total Depth: 4641' Plug Back Total Depth: 4593'
 Amount of Surface Pipe Set and Cemented at 266' Feet
 Multiple State Cementing Collar Used? Yes No
 If yes, show depth set 2140 Feet
 If Alternate II completion, cement circulated from 2140
 feet depth to SURFACE w/ 220 sx cmt.

Drilling Fluid Management Plan *ART IUS 7-1309*
 (Data must be collected from the Reserve Pit)
 Chloride content 11100 ppm Fluid volume 885 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 Person
 Title: SECRETARY/TREASURER Date: 5/23/2008
 Subscribed and sworn to before me this 23RD day of MAY,
 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
MAY 27 2008

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

KCC WICHITA

ALLIED CEMENTING CO., INC.

31048

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

SERVICE POINT: Ness City

1-29-08

DATE <u>1-28-08</u>	SEC. <u>33</u>	TWP. <u>18</u>	RANGE <u>29</u>	CALLED OUT <u>9:00 PM</u>	ON LOCATION <u>12:00 AM</u>	JOB START <u>1:00 AM</u>	JOB FINISH <u>1:30 AM</u>
LEASE <u>Murphy</u>	WELL # <u>1-33</u>	LOCATION <u>Dighton, Ks 3W, 3S, 1W</u>	COUNTY <u>Lane</u>	STATE <u>Ks</u>			
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<u>N/S</u>					

CONTRACTOR H-D Drilling

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 270'

CASING SIZE 8 5/8" DEPTH 269'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 2004 MINIMUM 0

MEAS. LINE _____ SHOE JOINT 15'

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 16 BBLs of freshwater

OWNER Larson Engineering

CEMENT

AMOUNT ORDERED 175 5x Common 3% CC
2% Gel

EQUIPMENT

PUMP TRUCK CEMENTER Rick H.

191 HELPER Tyler W.

BULK TRUCK

342 DRIVER Joe D.

BULK TRUCK

_____ DRIVER _____

COMMON	<u>175 5x</u>	@	<u>12.30</u>	<u>2152.50</u>
POZMIX		@		
GEL	<u>3 5x</u>	@	<u>18.40</u>	<u>55.20</u>
CHLORIDE	<u>5 5x</u>	@	<u>51.50</u>	<u>257.50</u>
ASC		@		
CONFIDENTIAL		@		
MAY 24 2008		@		
KCC		@		
HANDLING	<u>183 5x</u>	@	<u>2.10</u>	<u>384.30</u>
MILEAGE	<u>183 5x 09</u>	@	<u>37</u>	<u>609.39</u>
			TOTAL	<u>3458.89</u>

REMARKS:

pipe on bottom, break circulation, mix 175
5x Common 3% CC, 2% Gel. Shut down
released plug and displaced with 16 BBLs
of freshwater and shut in. Rigged down
Cement did Circulate!

SERVICE

DEPTH OF JOB	<u>269'</u>		
PUMP TRUCK CHARGE			<u>900.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>37</u>	@	<u>7.00</u>
MANIFOLD		@	
<u>Head Rent</u>		@	<u>111.00</u>
			TOTAL <u>1270.00</u>

CHARGE TO: Larson Engineering

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1-wooden plug</u>	<u>67.00</u>	<u>67.00</u>
	@	
	@	
	@	
	@	
	@	
		TOTAL <u>67.00</u>

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

Doug Roberts

PRINTED NAME

SIGNATURE Doug Roberts



CHARGE TO:
Larson Operating
ADDRESS
CITY, STATE, ZIP CODE

TICKET
No 13396

PAGE 1 OF 1

SERVICE LOCATIONS
1. Ness City, KS

WELL/PROJECT NO. 1-33 LEASE MURPHY COUNTY/PARISH LAKE STATE KS CITY DATE 2-22-08 OWNER SAME

TICKET TYPE SERVICE SALES CONTRACTOR WZA WEST WELL SERVICE RIG NAME/NO. SHIPPED VIA CT DELIVERED TO LOCATION ORDER NO.

WELL TYPE OIL WELL CATEGORY DEVELOPMENT JOB PURPOSE EAST PORT COLLAR WELL PERMIT NO. WELL LOCATION DICKINSON, KS - 3W, 3S, 1W, N2W10

REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 110	40	ME			4.00	160.00
577		1			PUMP SERVICE	1	JOB			850.00	850.00
330		1			SUBST MULTIE- DENSITY STANDARD	220	SKS			15.00	3300.00
276		1			FLOCELE	59	UBS			1.25	73.75
290		1			D-ADR	2	GAL			32.00	64.00
581		1			SEWER CHARGE CSMCT	235	SKS			1.25	293.75
583		1			DRAVAGE	23319	UBS	466.38	M	1.00	466.38

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 MAY 21 2008
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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 2-22-08 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?				5207188
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Lane TAX 5.3% 182.20
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 5390.08
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

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

SWIFT OPERATOR *WANE WILSON* APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 2-22-08 PAGE NO. 1

CUSTOMER CARSON OPERATING WELL NO. 1-33 LEASE MURPHY JOB TYPE CEMENT PORT COLLAR TICKET NO. 13396

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							ON LOCATION
								2 3/8 x 5 1/2 PORT COLLAR = 2142
	0915				✓		1000	PSE TEST CASING - HELD
	0920	3	2	✓		600		OP&J PORT COLLAR - INJ RATE
	0925	4	122	✓		500		MAX CEMENT 220 SKS SMA 1/4" FLOCCULE P/SK
	1000	4	7	✓		600		DISPARE CEMENT
	1010			✓		1000		CLOSE PORT COLLAR - PSE TEST - HELD
								CONFIDENTIAL MAY 24 2008 KCC CIRCULATE 65 SKS CEMENT TO PEST
	1020	4	25	✓		500		RUN 4 JTS - CIRCULATE CLEAN
								WASH TRUCK
	1100							JOB COMPLETE
								THANK YOU WANE, BRETT, SHANE
								RECEIVED MAY 27 2008 KCC WICHITA



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

TICKET No 13381

PAGE 1 OF 2

SERVICE LOCATIONS
 1. NESS CITY, KS
 WELL/PROJECT NO. 1-33 LEASE MURPHY COUNTY/PARISH LANE STATE KS CITY DATE 2-9-08 OWNER SAME
 2. TICKET TYPE SERVICE CONTRACTOR H-D DRILLING RIG NAME/NO. SHIPPED VIA ET DELIVERED TO LOCATED ORDER NO.
 3. WELL TYPE OIL WELL CATEGORY DEVELOPMENT JOB PURPOSE 5 1/2" LONGSTRUNG WELL PERMIT NO. WELL LOCATION NIGHTON, KS - 3W, 3S, 1W, 2ND
 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 # 110	40		ME		4.00	160.00
578		1			PUMP SERVICE	1		JOB	4640 FT	1250.00	1250.00
281		1			MUD FLUSH	500		GAL		1.75	375.00
221		1			LIQUID KCL	2		GAL		26.00	52.00
419		1			ROTATING HEAD RENTAL	1		JOB		250.00	250.00

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

x J.C. Larson
 DATE SIGNED 2-9-08 TIME SIGNED 2230 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	2087.00
WE UNDERSTOOD AND MET YOUR NEEDS?				#2	4766.57
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	6853.57
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	248.62
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		Lane 5.3%	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	7102.19

JOB LOG

SWIFT Services, Inc.

DATE **2-9-08** PAGE NO. **7**

CUSTOMER **WALSON OPERATING** WELL NO. **1-33** LEASE **MURPHY** JOB TYPE **5/2" LONG STRING** TICKET NO. **13381**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2230							ON LOCATION
								TD- 4640 SET = 4637
								TP- 4640 5/2" 15.5
								ST- 42.72
								PORT COLLAR = 2142
	0050							DROP BALL - CIRCULATE ROTATE
	0152	6	12		✓		500	PUMP 500 GAL MUD FLUSH "
	0154	6	20		✓		500	PUMP 20 BBL KCL-FLUSH "
	0202		4					PLUG RH CONFIDENTIAL MAY 24 2008
	0207	6	52		✓		450	MAX COMMENT WD- 125 SKS SMD KCC "
		5	24		✓		300	TL- 100 SKS EA-2 "
	0222							WASH OUT PUMP - LEVER
	0224							RELEASE CATCH DOWN PLUG
	0225	7	0		✓			DISPLACE PLUG "
		7	99				800	SHOT OFF ROTATING
	0240	6 1/2	109.4				1500	PLUG DOWN - PSE UP CATCH IN PLUG
	0242						OK	RELEASE PSE- HEAD
								WASH TRUCK RECEIVED MAY 27 2008
	0400							JOB COMPLETE KCC WICHITA
								THANK YOU WAGJE, DUSTY, ROB

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
boblew5555@msn.com

GEOLOGICAL REPORT

Larson Engineering, Inc.

Murphy No. 1-33
1594 FSL & 338 FWL Sec. 33-18S-29W
Lane County, Kansas

CONTRACTOR:	H D Drilling, LLC
SPUDDED:	January 28, 2008
DRILLING COMPLETED:	February 09, 2008
SURFACE CASING:	8 5/8" @ 266 KBM/175 sx.
ELECTRIC LOGS:	Log-Tech DIL CDN ML BCS
ELEVATIONS:	2827 KB 2822 GL
FORMATION TOPS (Electric Log):	

Anhydrite	2156 (+ 671)
Base Anhydrite	2181 (+ 646)
Heebner Shale	3929 (-1102)
Lansing-Kansas City Group	3971 (-1144)
Muncie Creek Shale	4150 (-1323)
Stark Shale	4259 (-1432)
Hushpuckney shale	4296 (-1469)
Base Kansas City	4339 (-1512)
Altamont	4388 (-1561)
Pawnee	4454 (-1627)
Myrick Station	4481 (-1654)
Fort Scott	4506 (-1679)
Cherokee	4530 (-1703)
Mississippian	4600 (-1773)
Electric Log Total Depth	4641 (-1814)

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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:

3974-3978 (A Zone)

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

4010-4014 (B Zone)

Limestone, buff, finely crystalline, trace of very poor intercrystalline porosity with scattered dead stain, no live oil shows, some cream chalky limestone.

4026-4054 (C-D Zone)

Limestone, cream to buff, trace of tan, dense with considerable chalky limestone, zone is mostly tight with no shows of oil. Zone contains considerable light gray, fresh, opaque chert.

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4057-4072 (E Zone)

Limestone, cream to buff, dense to finely crystalline, partly fossiliferous, scattered poor intercrystalline porosity with traces of dead stain, no show of live oil.

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4075-4085 (F Zone)

Limestone, cream to buff, trace of gray, dense to finely crystalline and slightly fossiliferous, poor intercrystalline porosity with scattered dead stain, no show of live oil, some chert, fresh, white, opaque.

4090-4099 (G Zone)

Limestone, tan, finely crystalline and medium to coarsely oolitic, poor oolitic and interoolitic porosity, no show of oil, considerable cream dense and chalky limestone in lower portions of section.

4153-4187 (H Zone)

Limestone, tan to brown, dense to finely crystalline, slightly fossiliferous, scattered poor to fair intercrystalline and interfossil porosity, no show of oil, some chert, fresh, light gray.

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4206-4210 (I Zone)

Limestone, cream to buff, dense to finely crystalline, partly fossiliferous, poor intercrystalline porosity with no show of oil.

4228-4240 (J Zone)

Limestone, buff to tan, finely crystalline and fine to medium oolitic, some coarsely oolitic, fair oolitic porosity, trace of very light spotted stain, very slight show of free oil, no odor, porosity 95% barren. Zone contains too much barren porosity to warrant further evaluation.

4272-4296 (K Zone)

Limestone, buff to tan, some brown, slightly fossiliferous, partly oolitic, scattered poor to fair intercrystalline and interoolitic porosity, no show of oil, some dense-oolitic limestone.

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4304-4309 (L Zone)

Limestone, cream to buff, some gray, finely crystalline and partly fossiliferous, occasional trace of calcite crystal overgrowth attached to fragments, some chalky, fair intercrystalline and interfossil porosity, slight show of free oil, scattered poor to fair spotted stain, good odor, fair fluorescence, fair to good cut.

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DST No. 1

4284-4306

Open 23 minutes, shut in 30 minutes, open 45 minutes, shut in 90 minutes; blow built to seven inches on first flow, second flow blow built to bottom of bucket in 25 minutes. Recovered 500 feet of mud cut water with a few spots of oil and 10 feet of mud (Chlorides, 20,000 ppm recovery, 1800 ppm system). ISIP 741# FSIP 738# IFP 19-121# FFP 123-222# IHP 2150# FHP 2138# BHT 126 degrees.

4339-4364 (Pleasanton Zones)

Limestone, cream to buff, finely crystalline and chalky, zone is mostly tight with no shows of oil.

4364-4388 (Marmaton Zones)

Limestone, tan to brown, finely crystalline, oolitic in part, fair intercrystalline and interoolitic porosity, fair to good spotted stain, fair show of free oil, good odor, fair fluorescence, fair cut.

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4388-4412 (Altamont "A" Zone)

Limestone, buff to tan and brown, finely crystalline and partly fossiliferous, fair intercrystalline porosity, trace of poor interfossil and vugular porosity, fair spotted stain, good show of free oil, good odor, fair fluorescence, good cut.

DST No. 2

4352-4404

Open 15 minutes, shut in 30 minutes, open 60 minutes, shut in 60 minutes; weak blow, died in 14 minutes, final flow had weak surface blow that died in seven minutes; recovered 10 feet of mud. ISIP 39# FSIP 69# IFP 22-23# FFP 22-24# IHP 2157# FHP 2143# BHT 117 degrees.

4415-4429 (Altamont "B" Zone)

Limestone, buff to tan, finely crystalline, slightly fossiliferous, trace of very poor intercrystalline porosity, one or two pieces with very poor spotted stain, no free oil, no odor, no fluorescence, no cut, zone warrants no further evaluation.

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4434-4451 (Altamont "C" Zone)

Limestone, buff to tan, finely crystalline, some slightly fossiliferous, trace of very poor intercrystalline porosity, one or two pieces with very poor spotted stain, no free oil, no odor, no fluorescence, no cut, trace of cream chalky limestone, zone warrants no further evaluation.

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4454-4478 (Pawnee Zones)

Limestone, buff to tan and brown, dense to finely crystalline, trace of poor scattered intercrystalline porosity with very light spotted stain in a few pieces, no free oil, no odor, no fluorescence, no cut, zone warrants no further evaluation.

4481-4500 (Myrick Station Zone)

Limestone, tan to brown, dense to finely crystalline, slightly fossiliferous, poor to fair intercrystalline porosity, trace of very light spotted stain, no free oil, no odor, no fluorescence, no cut.

4506-4530 (Fort Scott Zone)

Limestone, buff to tan and brown, dense to finely crystalline, partly fossiliferous, partly oolitic, trace of poor intercrystalline porosity, no show of oil, much chert, light gray, fresh, opaque.

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4533-4555 (Cherokee Zones)

Limestone, buff to tan, some brown, dense to finely crystalline, some scattered poor to fair intercrystalline porosity, poor to fair spotted stain, very slight show of free oil, faint odor, no fluorescence, poor cut.

4558-4578 (Johnson Zone)

Limestone, buff to tan, dense to finely crystalline, slightly fossiliferous, fair intercrystalline and vugular porosity, good spotted stain, fair to good odor, poor fluorescence, fair cut.

Drill Stem Test No. 3

4518-4575

Open 15 minutes, shut in 30 minutes, open 30 minutes, shut in 60 minutes; weak quarter inch blow on first flow, weak surface blow on second flow; recover five feet of oil cut mud (1% oil, 99% mud). ISIP 666# ESIP 553# IFP 18-21# FFP 23-28# IHP 2280# FHP 2267# BHT 115 degrees.

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4578-4585 (Cherokee Sand Zone)

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Sand, very fine grained, white, calcareous, well cemented, well sorted, mostly tight with rare trace of very poor spotted stain, no odor, no free oil, no fluorescence, no cut, some black to dark green shale flake inclusions, zone warrants no further evaluation.

4600-4640 (Mississippian Zones)

The Mississippian section consisted of limestones, cream to buff, dense to finely crystalline and chalky, soft and flaky, slightly fossiliferous, section contained small streaks of scattered poor intercrystalline porosity but contained no shows of oil. Considerable light gray, opaque, fresh chert was present in the section.

Rotary Total Depth

4640

The electric log had favorable calculations in the Lansing-Kansas City "L" Zone, and indicated that a zone of porosity was present in the lower "K" zone in the Murphy well that was not present in the A.G.I.P Petroleum Company well to the East. The water on DST No. 1 covering the "L" zone came from this porous interval up in the "K" Zone. In consideration of this information, the following "straddle" test was taken covering the "L" Zone:

DST No. 4

4302-4312

Open 15 minutes, shut in 30 minutes, open 30 minutes, shut in 60 minutes; weak quarter inch blow built to one inch on first flow, blow came back after four minutes on second flow and built to quarter inch blow; recovered 15 feet of mud. ISIP 603# FSIP 607# IFP 15-19# FFP 22-30# IHP 2095# FHP 2069# BHT 115 degrees.

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Conclusions and Recommendations:

It is recommended the "L" zone be perforated and treated as necessary to facilitate production. The Myrick Station appears to have production possibilities, exhibiting porosity with good indication of permeability on the microlog. This well was structurally high and some zones had good sample shows but lacked sufficient permeability to yield fluid on the drill stem tests.

Respectfully submitted,

Robert C. Lewellyn
Petroleum Geologist

RCL:me

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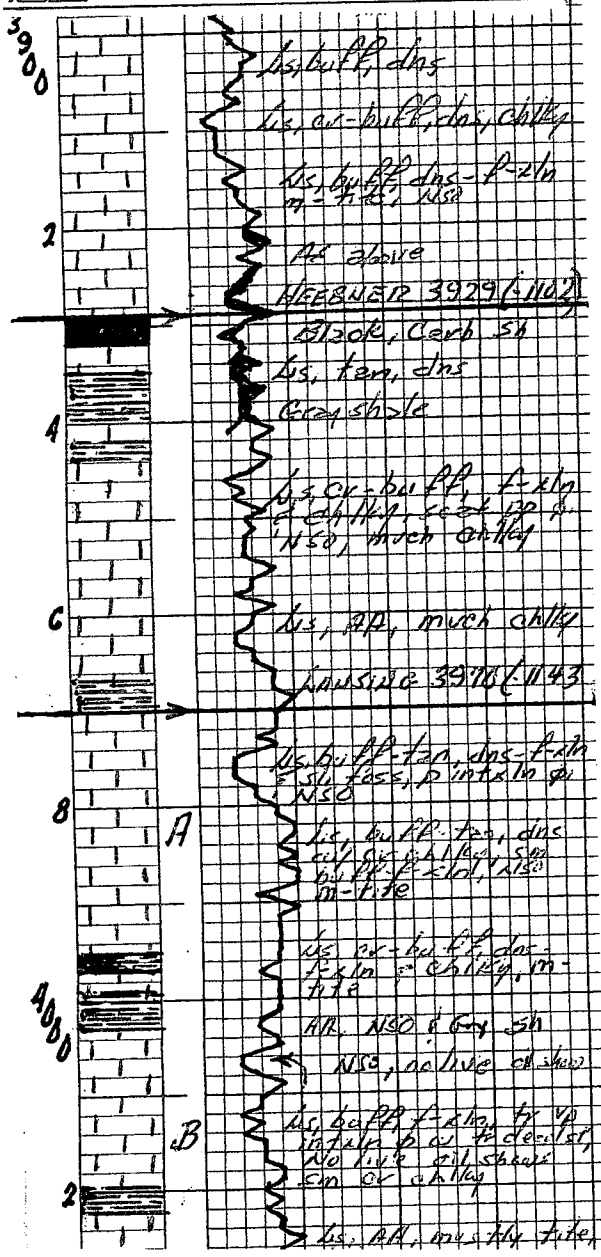
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STATE Kansas	COMPANY LARSON ENGINEERING
COUNTY LANE	FARM MURPHY
BLOCK	WELL NO. 1-33
SEC. 33	SURVEY 1585' FSL & 330' FWL
T 185	R 29W
TOTAL DEPTH AG40 Inc.	
CONTRACTOR H.D. DRILLING	
COMMENCED 01-28-08	
COMPLETED 02-09-08	
REMARKS	
ALTITUDE 2827 KB	
PRODUCTION Oil	
Robert C. Jewellon - Geol	

CASING RECORD
8 5/8" @ 266 KBM/175 sv.

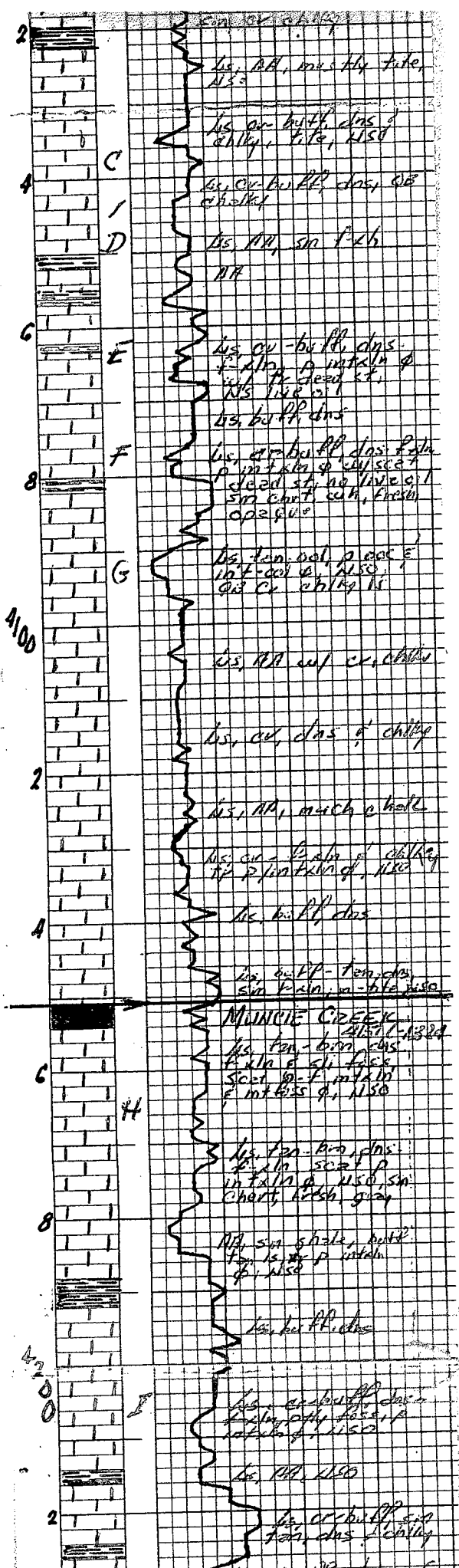
SHOT	QUARTS	BETWEEN
------	--------	---------

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



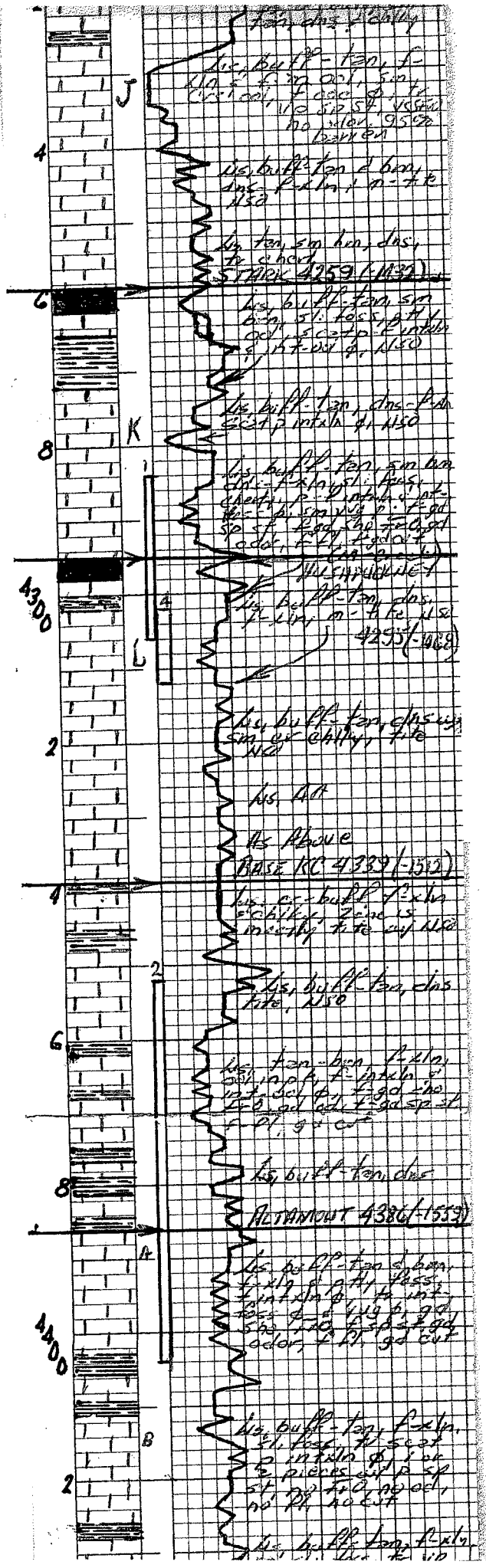
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