

RECEIVED ORIGINAL

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

DEC 29 2010

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE KCC WICHITA

OPERATOR: License # 33864  
Name: Habit Petroleum LLC  
Address 1: PO Box 243  
Address 2: 639 280TH AVE  
City: Hays State: KS Zip: 67601 +  
Contact Person: Irvin E Haselhorst  
Phone: (785) 623-1154  
CONTRACTOR: License # 33493  
Name: AMERICAN EAGLE DRILLING  
Wellsite Geologist: DUANE STECKLEIN  
Purchaser: Coffeyville Resources

API No. 15 - 163-23899 - 0000  
Spot Description: NE-NW-NE QUARTER  
NE NW NE Sec. 14 Twp. 10 S. R. 19  East  West  
4,320 Feet from  North /  South Line of Section  
2,310 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: ROOKS  
Lease Name: PELTON A#3 CHANGED TO A#4 Well #: CHANGED TO PELTON A#4  
Field Name: VOHS  
Producing Formation: Arbuckle  
Elevation: Ground: 2121 Kelly Bushing: 2128  
Total Depth: 3712 Plug Back Total Depth: 3682  
Amount of Surface Pipe Set and Cemented at: 304 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1485 Feet  
If Alternate II completion, cement circulated from: 1485  
feet depth to: SURFACE w/ 250 sx cmt.

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  WSW  SWD  SIOW  
 Gas  D&A  ENHR  SIGW  
 OG  GSW  Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic  Other (Core, Expl., 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  Conv. to SWD  
 Conv. to GSW  
 Plug Back: Plug Back Total Depth  
 Commingled Permit #:  
 Dual Completion Permit #:  
 SWD Permit #:  
 ENHR Permit #:  
 GSW Permit #:  
10-18-10 10-25-10 11-6-10  
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content: 16,000 ppm Fluid volume: 200 bbls  
Dewatering method used: Evaporation  
Location of fluid disposal if hauled offsite:  
Operator Name:  
Lease Name: License #:  
Quarter Sec. Twp. S. R.  East  West  
County: Permit #:

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: Irvin E. Haselhorst  
Title: President Date: 12-14-10

KCC Office Use ONLY

Letter of Confidentiality Received  
Date:  
 Confidential Release Date:  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Dlg Date: 12/30/10

Operator Name: Habit Petroleum LLC Lease Name: PELTON A#3 CHANGED TO A#4 Well #: CHANGED TO PELTON A#4  
 Sec. 14 Twp. 10 S. R. 19  East  West County: ROOKS

**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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples 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 checked="" type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: RADIATION GUARD LOG MICRORESISTIVITY CEMENT BOND	<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>Arbuckle</td> <td>3644</td> <td>-1516</td> </tr> </table>	Name	Top	Datum	Arbuckle	3644	-1516
Name	Top	Datum					
Arbuckle	3644	-1516					

CASING RECORD <input 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	10 3/4	8 5/8	24#	304	60/40 POS	180	2% GEL 3% CC
Production	7 7/8	5 1/2	14#	3709	COMMON	150	EA-2

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 checked="" 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 <i>(Amount and Kind of Material Used)</i>	Depth
4SPF	3644 TO 3648	500 GALS MUDD ACID	3644
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			KCC WICHITA

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>3652</u> Packer At: <u>NONE</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR.		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. <u>8</u>	Gas Mcf <u>11</u>	Water Bbls. <u>21</u>
			Gas-Oil Ratio <u> </u> Gravity <u> </u>

DISPOSITION OF GAS: <input checked="" 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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3644</u> <u>3648</u>
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# ALLIED CEMENTING CO., LLC. 042022

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

SERVICE POINT:  
Russell KS

DATE <u>11-3-10</u>	SEC. <u>14</u>	TWP. <u>10</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>10:30 AM</u>	JOB FINISH <u>11:30 AM</u>
<u>Pelton LEASE</u>	WELL # <u>A#3</u>		LOCATION <u>Plainville KS 3 South to AA Rd</u>		COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>5 1/2 West 1/4 South into.</u>				

CONTRACTOR PPS  
 TYPE OF JOB Port Collar - Top stage  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 5 1/2 DEPTH BP@ 2790'  
 TUBING SIZE 2 3/8 DEPTH 1485'  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL Port Collar DEPTH 1485'  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER John Roberts  
 # 398 HELPER Richard  
 BULK TRUCK \_\_\_\_\_  
 # 473 DRIVER George TWS  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

BP@ 2790' Test @ 1200 psi Spot 2sk sand @ 2743' w/ 15 BW H2O. Pulled up to 1485' opened port collar and mixed 250sk cement displaced w/ 7.5 BW H2O. Closed port collar and test @ 1000 psi. Ran in 5 hrs tubing and washed hole clean. Ran down to 2790' and washed sand off the BP and come out of hole.

*Thank You!*

CHARGE TO: Habbit  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., LLC.

OWNER \_\_\_\_\_  
 CEMENT (Used 250sk cement and 2 sand)  
 AMOUNT ORDERED 400 Lite 1/4 # Flo Seal  
2 Sand

COMMON	<u>150</u>	@ <u>13.50</u>	<u>2025.00</u>
POZMIX	<u>100</u>	@ <u>7.55</u>	<u>755.00</u>
GEL	<u>17</u>	@ <u>20.25</u>	<u>344.25</u>
CHLORIDE		@	
ASC		@	
<u>Sand</u>	<u>2</u>	@ <u>12.75</u>	<u>25.50</u>
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>250</u>	@ <u>2.25</u>	<u>562.50</u>
MILEAGE	<u>104/sk/mile</u>		<u>625.00</u>
			<b>TOTAL <u>4337.35</u></b>

**SERVICE**

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1,159.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 25 @ 7.00 175.00  
 MANIFOLD @ \_\_\_\_\_  
 RECEIVED @ \_\_\_\_\_  
 DEC 29 2010 @ \_\_\_\_\_  
 KCC WICHITA TOTAL 1334.00

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_

# ALLIED CEMENTING CO., LLC. 041969

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

SERVICE POINT:  
Russell Ks.

DATE <u>10-20-10</u>	SEC. <u>14</u>	TWP. <u>10</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30 Am</u>	JOB FINISH <u>2:00 Am</u>
LEASE <u>PELTON</u>	WELL # <u>A-3</u>	LOCATION <u>Plainville 3s 5 1/2w 1/4s INTO</u>			COUNTY <u>ROCK'S</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR American Eagle Rig #2  
 TYPE OF JOB Cement SURFACE  
 HOLE SIZE 12 1/4 T.D. 307  
 CASING SIZE 8 5/8 New DEPTH 306  
 TUBING SIZE 2 3/8 CSG DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 20'  
 PERFS.  
 DISPLACEMENT 18 1/2 / BBL

OWNER  
 CEMENT  
 AMOUNT ORDERED 180 SY 60/140 28GEL 3%CC

COMMON	<u>108</u>	@	<u>13.50</u>	<u>1458.00</u>
POZMIX	<u>72</u>	@	<u>7.55</u>	<u>543.60</u>
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>6</u>	@	<u>51.50</u>	<u>309.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>180</u>	@	<u>2.25</u>	<u>405.00</u>
MILEAGE	<u>10/16/mile</u>			<u>450.00</u>
TOTAL				<u>3226.35</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Glen  
 # 417 HELPER Heath  
 BULK TRUCK  
 # 378 DRIVER Gorge  
 BULK TRUCK  
 # DRIVER

**REMARKS:**

RAN 7 New JT'S 2 3/8 8 5/8 CSG. Set @ 307, Cement w/ 180 SY 60/140 28GEL 3%CC Displaced 18 1/2 BBL & Shut in @ 300' Cement did circulate to surface

THANK'S

CHARGE TO: Habit Oil Company  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>991.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>25</u>	@	<u>7.00</u>	<u>175.00</u>
MANIFOLD		@		
		@		
		@		
TOTAL				<u>1166.00</u>

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KCC WICHITA  
PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment



CHARGE TO: *Habit Petroleum*

ADDRESS

CITY, STATE, ZIP CODE

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TICKET  
19197

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Hays, Ks.</i>	WELL/PROJECT NO. <i>#3</i>	LEASE <i>Petron "A"</i>	COUNTY/PARISH <i>Books</i>	STATE <i>Ks</i>	CITY <i>KCC WICHITA</i>	DATE <i>10-24-10</i>	OWNER <i>same</i>
2. <i>Ness City, Ks.</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>American Eagle #2</i>	RIG NAME/NO.	SHIPPED VIA <i>CH</i>	DELIVERED TO <i>Location</i>	ORDER NO.	
3.	WELL TYPE <i>oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Longstring</i>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM	
<i>575</i>		<i>1</i>			<i>MILEAGE #113</i>	<i>40</i>	<i>mi</i>	<i>5</i>	<i>per hr</i>	<i>200.00</i>
<i>578</i>		<i>1</i>			<i>Pump Charge (Longstring)</i>	<i>1</i>	<i>ea</i>	<i>1400</i>		<i>1400.00</i>
<i>221</i>		<i>1</i>			<i>KCL</i>	<i>2</i>	<i>gal</i>	<i>25</i>		<i>50.00</i>
<i>281</i>		<i>1</i>			<i>Mud Flush</i>	<i>500</i>	<i>gal</i>	<i>1</i>		<i>500.00</i>
<i>290</i>		<i>1</i>			<i>D-Air</i>	<i>2</i>	<i>gal</i>	<i>35</i>		<i>70.00</i>
<i>402</i>		<i>1</i>			<i>Centralizers</i>	<i>10</i>	<i>ea</i>	<i>55</i>	<i>5 1/2"</i>	<i>550.00</i>
<i>403</i>		<i>1</i>			<i>Baskets</i>	<i>2</i>	<i>ea</i>	<i>200</i>		<i>400.00</i>
<i>404</i>		<i>1</i>			<i>Port Collar</i>	<i>1</i>	<i>ea</i>	<i>1900</i>		<i>1900.00</i>
<i>406</i>		<i>1</i>			<i>WD Plug &amp; Baffle</i>	<i>1</i>	<i>ea</i>	<i>225</i>		<i>225.00</i>
<i>407</i>		<i>1</i>			<i>Insert Float Shoe w/kill</i>	<i>1</i>	<i>ea</i>	<i>275</i>		<i>275.00</i>

**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 *Todd E. Owen*

DATE SIGNED *10-24-10* TIME SIGNED *1850*  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
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
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			

PAGE TOTAL	<i>1</i>	<i>5570.00</i>
Page 2		<i>3571.50</i>
sub total		<i>9101.50</i>
Rocks TAX	<i>16.3%</i>	<i>435.96</i>
TOTAL		<i>9537.46</i>



**JOB LOG**

**SWIFT Services, Inc.**

DATE 10-24-10 PAGE NO. 1

CUSTOMER Habit Petroleum WELL NO. #3 LEASE Petron "A" JOB TYPE Longstring TICKET NO. 19197

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1330							on loc w/ FE RTD 3712' 5 1/2" x <del>1531'</del> x 3712' x 20' x 14" Cent. 1, 3, 5, 7, 9, 11, 13, 15, 17, 52 Bask 2, 5-3 P.C. 53 @ 1531'
	1600							start F.E.
	1745							Break Circ
	1800	2.5	7					Plug RH 25sks EA-2
		4	0				200	start MadFlush 50gal
		4	12/0				200	start KCl flush 20 bbl
	1820	5	10/0				250	start Cement 150sks EA-2
			36					End Cement Wash P&T Drop Plug
	1825	6.5	0				100	start Displacement
		5	68				200	Catch Cement
	1840		80				<del>200</del> 1500	Load Plug Release Pressure Float Held

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 KCC WICHITA CO

Thank you  
 Nick, Doug + Shane

# GEOLOGICAL REPORT

Habit Petroleum LLC  
Pelton A #~~3~~ *Changed to #4*  
4320 FSL + 2310 FEL  
SEC. 14 TWP 105 RGE 19W  
Rooks County, Kansas

COMMENCED: 10-18-10  
COMPLETED: 10-24-10  
CONTRACTOR: American Eagle Drilling  
SURFACE PIPE: 8 5/8" at 304'  
PRODUCTION PIPE: ~~8 5/8~~ at \_\_\_\_\_'  
*5 1/2*

November 30, 2010

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## Formation Data

Elevation: (2121' G.L.) – (2128' K.B.)  
All top formations measured from 2128' K.B.

<u>FORMATION</u>	<u>SAMPLE TOPS</u>	<u>SEA-LEVEL DATUM</u>
Topeka	3068	-940
Heebner	3284	-1156
Toronto	3307	-1179
Lansing-K.C.	3323	-1195
Base-K.C.	3552	-1424
Arbuckle	3641	-1513
R.T.D.	3712	-1584

<u>FORMATION</u>	<u>LOG TOPS</u>	<u>SEA-LEVEL DATUM</u>
Anhydrite Top	1478	+ 650
Base Anhydrite	1511	+ 617
Topeka	3068	- 940
Heebner	3285	-1157
Toronto	3306	-1180
Lansing-K.C.	3324	-1196
Base-K.C.	3552	-1424
Arbuckle	3642	-1514
R.T.D.	3712	-1584

All samples were examined and described by me on actual location and did not start until a depth of 3050' was reached. All zones and sample tops examined are all true and accurate according to drillers' depth.

One foot drilling time was logged from a depth of 3000' to 3712', and all zones were examined by ten foot samples at a rotary depth of 3050' to 3300'. Five foot samples were examined from a rotary depth of 3305' to 3712'.

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## Sample Description

Following are the pertinent geological formations and all zones of subject well Pelton A #1.4

### THE FOLLOWING ZONES WERE NOTED:

TOPEKA	3068-3094	Limestone – gray to buff, fine tight crystalline, poor to no inter porosity, no show of oil.
	3098-3110	Limestone – buff to tan, very dense lime, poor to no inter porosity, very small show of fine crystalline with a show of free oil, slight odor when broken.
DEER CREEK	3121-3130	Limestone – buff to cream, fine crystalline to dense lime, poor to no inter porosity, no show of oil.
	3135-3144	Limestone – buff to gray, dense lime, no inter porosity, no show of oil.
	3153-3164	Limestone – tan, fine tight crystalline, poor to no inter porosity, no show of oil.
LECOMPTON	3183-3209	Limestone – white, very dense, no inter porosity, no show of oil.
	3112-3118	Limestone – buff to cream, fine crystalline to dense lime, poor to no inter porosity, no show of oil.
OREAD LIME	3228-3235	Limestone – cream to white, fine to medium crystalline, good show of dark oil saturation and free oil and odor.
	3250-3260	Limestone – same as above, chalky in part.

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	3272-3283	Limestone – cream, fine crystalline to dense lime, poor to no inter porosity, no show of oil.
TORONTO	3307-3316	Limestone – cream to white, very dense lime to cherty, very slight show of oil stain, no free oil or odor, poor inter porosity.
LANSING – K.C.		
(A-Zone)	3323-3330	Limestone – white, fine crystalline to dense lime, poor inter porosity, small show of oil stain.
(B-Zone)	3340-3344	Limestone – same as above.
(C-Zone)	3360-3366	Limestone – cream to white, very fine crystalline to dense lime, poor inter porosity with a very small show of oil stain, cherty.
(D-Zone)	3378-3389	Limestone – same as above.
(F-Zone)	3404-3410	Limestone – cream to white, fine crystalline to dense lime with vuggs, show of heavy oil to a tar oil, good odor.
(G-Zone)	3918-3434	Limestone – same as above.
(H-Zone)	3456-3468	Limestone – cream to white, dense lime, poor to no inter porosity, no show of oil.
(I-Zone)	3474-3482	Limestone – cream, fine crystalline to dense lime, chalky in part, show of light oil stain, no free oil.
(J-Zone)	3490-3500	Limestone – cream, same as above with a fair show of light oil stain.
(K-Zone)	3517-3526	Limestone – cream to white, same as above.
BASE K.C.		
(L-Zone)	3548-3552	Limestone – white to cream, very dense lime, no show of oil.

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CONGLOMERATE	3566-3571	Red Clay and Chert – show of black residual stain on chert and heavy tar.
	3572-3585	Chert – yellow and white, good show of black residual stain and tar, no odor.
SAND	3604-3635	Sand – translucent, subrounded, friable, good show of black residual stain to a tar oil, no oil.
ARBUCKLE	3641-3646	Dolomite – cream, medium crystalline, fair inter porosity with a good show of oil stain to free heavy oil, fair odor, sucrosic and friable in part.
	3648-3664	Dolomite – same as above, looks more tight.
	3665-3676	Dolomite – cream, dense to cherty, fine to medium crystalline in part, scattered saturated oil, very faint odor, mostly barren.
	3677-3684	Dolomite – pink, mostly barren, no odor.

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## Remarks and Conclusion

During the drilling of the Pelton A #3<sup>H</sup>, the subject well ran 12' lower in the Lansing K.C., and 14' lower in the Arbuckle Dolomite. Due to the fact that the oil shows in Topeka, Lansing Kansas City and Arbuckle, operator of Habit Petroleum decided to set pipe to further test the Pelton A #3<sup>H</sup>.

Zones of interest in the Pelton A #3<sup>H</sup>,

Oread Lime	3228-3234 3252-3260
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Lansing K.C.	
C-Zone	3362-3364
F-Zone	3408-3412
G-Zone	3418-3420
I-Zone	3476-3480
J-Zone	3492-3494

Respectfully submitted,

Duane Stecklein, Geologist

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