



KANSAS CORPORATION COMMISSION 1064416
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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 #: _____

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

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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.

Submitted Electronically

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: _____ Date: _____



1064416

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	HALL 'I' 2-1
Doc ID	1064416

Tops

Name	Top	Datum
HEEBNER	3283	-1353
TORONTO	3302	-1372
DOUGLAS	3318	-1388
BROWN LIME	3408	-1478
LANSING	3420	-1490
BASE KANSAS CITY	3637	-1707
VIOLA	3674	-1744
SIMPSON SHALE	3724	-1794
ARBUCKLE	3772	-1842



BASICSM

ENERGY SERVICES

PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
 P.O. Box 8613
 Pratt, Kansas 67124
 Phone 620-672-1201

FIELD SERVICE TICKET

1718 04789 A

DATE _____ TICKET NO. _____

DATE OF JOB <i>08-19-11</i>	DISTRICT <i>PRATT KS</i>	NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER <i>L.O. Drilling</i>	LEASE <i>HALL I 2-1</i>	WELL NO.		
ADDRESS	COUNTY <i>STAFFORD</i>	STATE <i>KS</i>		
CITY	STATE	SERVICE CREW <i>Sullivan, Malson, Phye</i>		
AUTHORIZED BY	JOB TYPE: <i>CNW 8 7/8 surface</i>			

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<i>3328-20970</i>	<i>25</i>	<i>mi</i>					<i>8-18-11</i>		<i>11:15</i>
<i>19960-19918</i>	<i>25</i>	<i>mi</i>					<i>8-19-11</i>		<i>1:30</i>
<i>37900</i>									<i>3:08</i>
									<i>3:30</i>
									<i>4:00</i>
									<i>45</i>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *James M. Mitchell*
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<i>CP 703</i>	<i>60/40 per cent</i>	<i>SK</i>	<i>350</i>		<i>4,200.00</i>
<i>CC 102</i>	<i>cellulose</i>	<i>lb</i>	<i>88</i>		<i>325.60</i>
<i>CC 109</i>	<i>calcium chloride</i>	<i>lb</i>	<i>903</i>		<i>948.15</i>
<i>CF 153</i>	<i>wooden plug 8 5/8</i>	<i>SA</i>	<i>1</i>		<i>160.00</i>
<i>E 100</i>	<i>pickup millage</i>	<i>sq.</i>	<i>45</i>		<i>191.25</i>
<i>E 101</i>	<i>Heavy Equip. rent</i>	<i>m.</i>	<i>30</i>		<i>630.00</i>
<i>E 113</i>	<i>Brick Delivery</i>	<i>TM</i>	<i>677</i>		<i>1,093.60</i>
<i>CE 200</i>	<i>Depth charge @ 300'</i>	<i>SA</i>	<i>1</i>		<i>1,000.00</i>
<i>CE 240</i>	<i>blanks - medium</i>	<i>SK</i>	<i>350</i>		<i>490.00</i>
<i>CE 504</i>	<i>plug container rental</i>	<i>SA</i>	<i>1</i>		<i>250.00</i>
<i>S 003</i>	<i>Schumert Supermud</i>	<i>SA</i>	<i>1</i>		<i>175.00</i>

CHEMICAL / ACID DATA:			

			SUB TOTAL
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
			TOTAL
<i>Thank you</i>			<i>DL5 7,468.34</i>

SERVICE REPRESENTATIVE <i>Robert Sullivan</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>James M. Mitchell</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.

Customer <i>L.D. DeWitt</i>	Lease No.	Date <i>08-19-11</i>
Lease <i>4181</i>	Well # <i>2-1</i>	
Field Order # <i>4181</i>	Station <i>PRATT KS</i>	Casing <i>8 5/8</i>
Type Job <i>CDW 8 5/8 Surface</i>	Depth <i>354'</i>	County <i>STAFFORD</i>
	Formation	State <i>KS</i>
		Legal Description <i>1-22-14</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>354'</i>	Depth	From	To	Pre Pad	Max			5 Min.
Volume <i>21</i>	Volume	From	To	Pad	Min			10 Min.
Max Press <i>300</i>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <i>354'</i>	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Sullivan</i>
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Service Units	<i>37900</i>	<i>33706</i>	<i>20970</i>	<i>19960</i>	<i>19918</i>				
Driver Names	<i>Sullivan</i>	<i>Melson</i>	<i>Phye</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1:30</i>	<i>m</i>				<i>on low softy merty</i>
					<i>Run 8 5/8 8 5/8-ESS #24</i>
<i>2:50</i>					<i>CASING ON BOTTOM</i>
<i>3:00</i>					<i>HOOK Dip TO CIRC</i>
<i>3:08</i>	<i>200</i>		<i>3</i>	<i>4</i>	<i>AT SPACE</i>
				<i>55</i>	<i>mix cont 350 sk 60% pot</i>
			<i>75</i>		<i>cont mixed shot down</i>
					<i>Release Plug</i>
				<i>4</i>	<i>At Disp</i>
<i>3:30</i>			<i>21</i>		<i>plug down</i>
					<i>CIRC 2 BBL cont TO PIT</i>
					<i>SOB complete</i>
					<i>Thank you</i>



BASIC
ENERGY SERVICES

PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 04793 A

DATE _____ TICKET NO. _____

DATE OF JOB 8-23-11 DISTRICT PRATT KS				NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:			
CUSTOMER L. D. Drilling				LEASE HALL T		WELL NO. 2-1	
ADDRESS				COUNTY STAFFORD		STATE KS	
CITY STATE				SERVICE CREW Sullivan, Lawrence			
AUTHORIZED BY				JOB TYPE: CNW P.T.A.			

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
33708-20970	50						8-23-11			11:00
19960-19918	50									2:15
37900										2:30
										5:20
										5:45
										45

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 pot. cement	SK	200		2,400 00
CC 200	CM7 gel	lb	344		86 00
E 100	Pumpout	mi	45		191 25
E 107	Heavy weight mud	mi	90		630 00
CE 204	Depth change 300-800	SK	1		2,160 00
E 113	Bulk Delay	TH	387		619 20
CE 240	Blender / mixer	SK	200		280 00
S 003	Servis Super	TA	1		175 00

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

Thank you
TOTAL 5,167.75

SERVICE REPRESENTATIVE: <i>Robert Sullivan</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.	

Customer <i>L.O. Dr. Oil</i>	Lease No.	Date <i>08-23-11</i>
Lease <i>HALL 7</i>	Well # <i>2-1</i>	
Field Order # <i>21743</i>	Station <i>PRATT KS</i>	Casing <i>P.P.</i>
Type Job <i>COW P.T.A</i>	Depth <i>3785'</i>	County <i>STAFFORD</i>
	Formation	State <i>KS</i>
		Legal Description <i>1-22-1K</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		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>Robert Sullivan</i>
Service Units <i>37900 33708 20920 19966 19918</i>		
Driver Names <i>Sullivan Lawrence Coffey</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>02:15</i>					<i>on loc Sullivan, morker P.T.A.</i>
					<i>plug set @ 3785' w/ 50 sk</i>
<i>2:30</i>	<i>300</i>		<i>10</i>	<i>2</i>	<i>SPACER</i>
<i>✓</i>			<i>13</i>	<i>2.5</i>	<i>CMT</i>
<i>✓</i>			<i>50</i>		<i>DRIP</i>
<i>2:50</i>	<i>0</i>				<i>shut down</i>
					<i>plug set 810' w 50 sk</i>
<i>4:05</i>			<i>5</i>	<i>3</i>	<i>SPACER</i>
<i>✓</i>			<i>13</i>		<i>CMT</i>
<i>✓</i>			<i>2</i>		<i>DRIP</i>
<i>4:15</i>					<i>shut down</i>
					<i>plug set 370' w/ 30 sk</i>
<i>4:30</i>			<i>1</i>	<i>2</i>	<i>SPACER</i>
<i>✓</i>			<i>13</i>	<i>3</i>	<i>CMT</i>
<i>✓</i>			<i>1</i>		<i>DRIP</i>
<i>4:37</i>					<i>shut down</i>
<i>4:50</i>			<i>5</i>	<i>2</i>	<i>Plug TOP 60' w/ 20 sk</i>
<i>5:00</i>			<i>7</i>	<i>2</i>	<i>plug RH w/ 30 sk</i>
			<i>7</i>		<i>50 B complete</i>

Thank you



James C. Musgrove
Petroleum Geologist

Office (620) 588-4250 212 Main St. • P.O. Box 215 • Clifton, KS 67525 Home (620) 587-3444

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L. D. Drilling, Inc
 LEASE Hall 'I' #2-1
 FIELD Smallwood
 LOCATION Se-Ne-Sw-Sw
 SEC. 1 TWP. 22s RGE. 14w
 COUNTY Stafford STATE Kansas
 CONTRACTOR Petromark Drilling (rig #2)
 SPUD 08-16-2011 COMP 08-23-2011
 RTD 3784 LTD N/A
 MUD UP 2887 TYPE MUD Chemical Displaced

ELEVATIONS
 KB 1930
 DF _____
 GL 1925
 Measurements Are All From KB
 CASING SURFACE 8 5/8" @ 355
 PRODUCTION none
 ELECTRICAL SURVEYS N/A

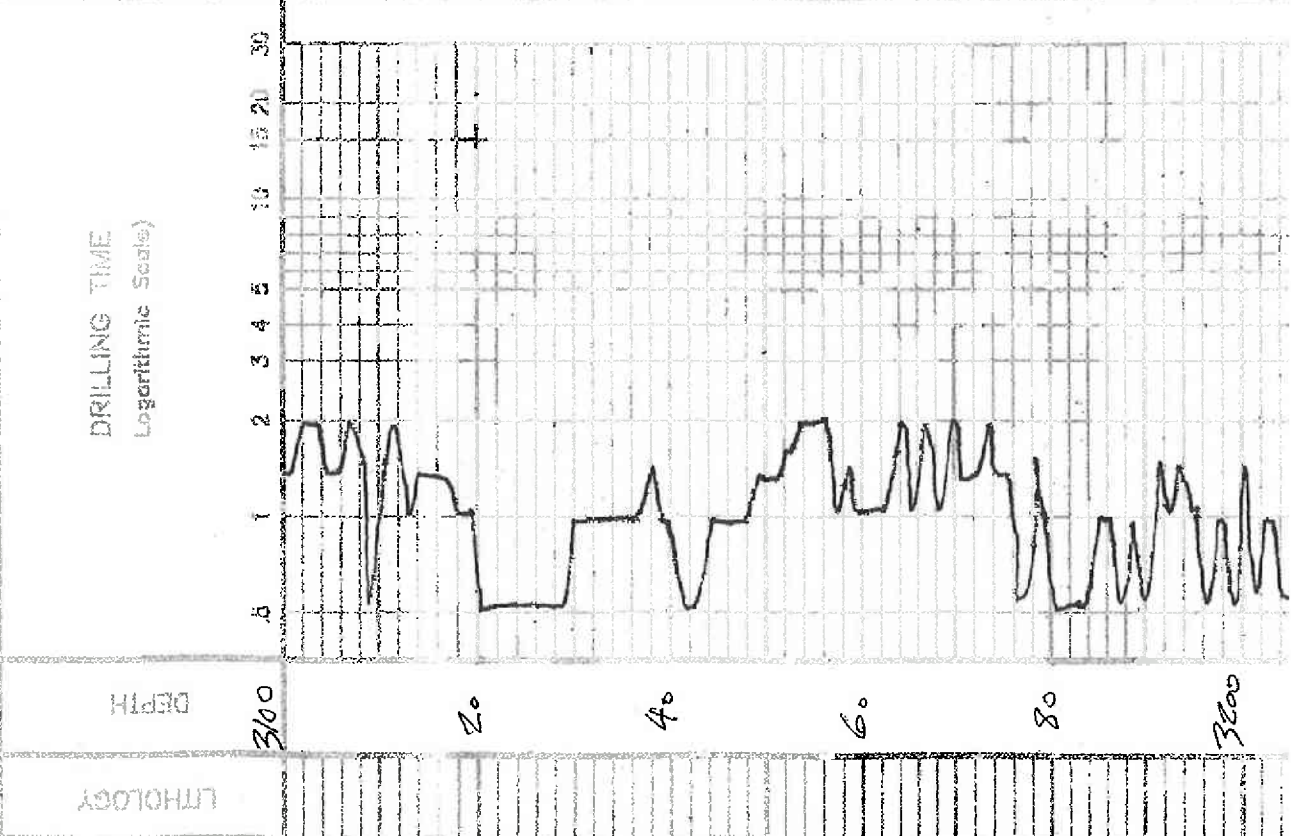
SAMPLES SAVED FROM 3100 TO 3784
 DRILLING TIME KEPT FROM 3100 TO 3784
 SAMPLES EXAMINED FROM 3100 TO 3784
 GEOLOGICAL SUPERVISION FROM 3200 TO 3784
 GEOLOGIST ON WELL Josh Austin

FORMATION TOPS	LOG	SAMPLES
Heebner	No log	3283 - 1353
Toronto		3302 - 1372
Douglas	}	3318 - 1388
Brown lime		3408 - 1478
Kansing		3420 - 1490
Base Kansas City		3637 - 1707
Viola		3674 - 1744
Simpson Shale		3724 - 1794
Arbuckle		3772 - 1842
Rotary Total Depth	No log	3784 - 1854

REMARKS
 The Hall I #2-1 was plugged and abandoned at the RTD 3784 - 1864.
 Respectfully submitted
 Joshua E. Austin
 Petroleum Geologist

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Ool.Lime
- Chert
- Dolomite



SAMPLE DESCRIPTIONS
 25' tan-cream fss clay
 Sandstone N/S
 25' tan Shale
 5' green sh.
 11K Carb sh.
 25' cream-grey fss
 green in part clay fss
 fss

REMARKS

TL 9 4/5

LS: cm fac dense chky
in part fine

LS: cm tan foss chky
poorly dev'd - 1/3

LS: Tan fat dense Ay
fish bone A

blk carb shale

gy-green sh

LS: cm/wh fac chky
Poorly dev'd - sl. Ay

gy = gy with green soft sl.

Shale, a.a. silty in part

Slightly mica

S.S.

Shale: gy with green mica

Silty
Tan-Sand, H. gy v. B
Poorly dev'd - 1/3
- 19% - 1/3
- 100%

Shale - fat as

LS: tan - dk gy fat dense
Ay in part

LS: cm fac foss chky - poorly
dev'd - 1/3 dk br str - 1/3 - 1/3

LS: Tan fac dense Ay chky in part

LS: gy highly ool. gran in part
+ dark gy shale

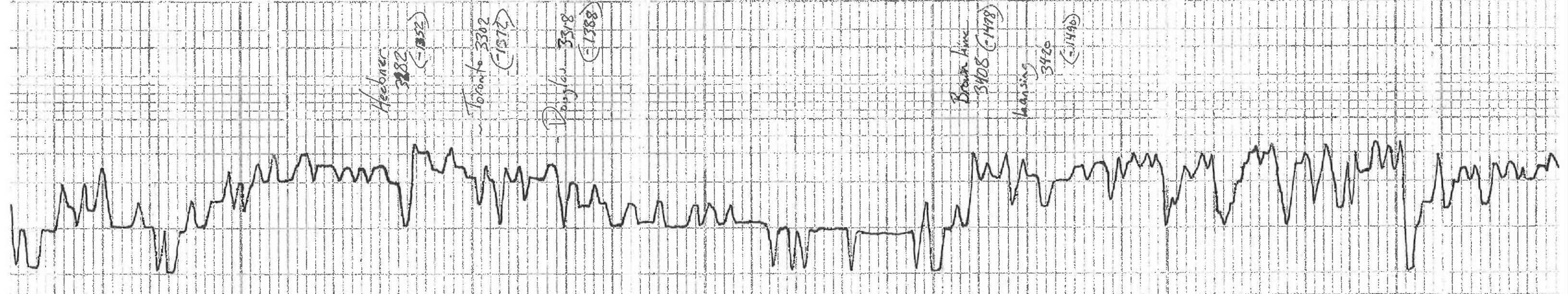
LS: cm fac chky - 1/3
1/3 to 3/4 tan br - 1/3 - 1/3
1/3 - 1/3

LS: gy - cm foss/ool chky
Poorly dev'd - 1/3 dk br str - 1/3

LS: cm - tan chky - 1/3 in part
1/3 - 1/3 (barren)

LS: cm - buff sl - 1/3 chky
1/3 - 1/3 gran in part - 1/3

LS: cm - buff - 1/3 - 1/3



Heebner

3282
(-1352)

Toronto

3302
(-1372)

Douglas

3318
(-1388)

Brown lime

3408
(-1478)

Massing

3420
(-1490)

20 40 60 80 3300 20 40 60 80 3400 20 40 60 80 3500 20

LS; cream-gry highly fiss - ool
 Chky. m. part. Sand site - 195

LS; cream - H. gry flc chky
 dense poor vis. - 2y in part
 to tan - cream bony

Blk - dark gry shale

LS; tan - cream flc chky base (ds)
 to LS; tan. Fairly poor vis.
 base str 5ft / Sat. Ft. also

Blk carb sh.

LS; cream flc chky - 4 brach. 180
 ft gassy also

gry - greyish green silty sh. & t

Shale gra. mica. in part

LS; tan - buff flc base Ay
 no vis. - t. tan - orange &

LS; cream highly ool - chky
 to tan sh. - t. spary fo

Chert - cream - tan - bony
 few sem. trip. par. to blk sh
 5ft - 5ft - grey - also

Chert - cream - gry - semi - flc

Weathered in part, few fr. - on sh
 5ft - gyp. also

gry - green shale coarse in part
 shale a.g.

Sandy, chert - ch. Med. gyp. sh
 Qtz. Poor 19. - 1/5

Sand. & sh. ool

dolomite - cream flc - sun. in part
 dense - few thin - blk - gry sh - in part
 flc. also

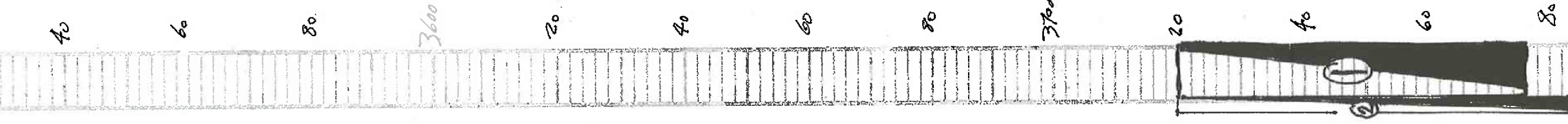
Rotary Total Depth
 3784

Base Knox
 City 3637
 (-1707)

Mela 3674
 (-1744)

Simpson Shale
 3724
 (-1794)

Airbrake
 3712



LS; cream-gry highly fiss - ool
 Chky. m. part. Sand site - 195

LS; cream - H. gry flc chky
 dense poor vis. - 2y in part
 to tan - cream bony

LS; wh. cream chky fr 186 -
 v. ssy, - brownish tan str. to 80
 flc sub con

Blk - dark gry shale

LS; tan - cream flc chky base (ds)
 to LS; tan. Fairly poor vis.
 base str 5ft / Sat. Ft. also

Blk carb sh.

LS; cream flc chky - 4 brach. 180
 ft gassy also

gry - greyish green silty sh. & t

Shale gra. mica. in part

LS; tan - buff flc base Ay
 no vis. - t. tan - orange &

LS; cream highly ool - chky
 to tan sh. - t. spary fo

Chert - cream - tan - bony
 few sem. trip. par. to blk sh
 5ft - 5ft - grey - also

Chert - cream - gry - semi - flc

Weathered in part, few fr. - on sh
 5ft - gyp. also

gry - green shale coarse in part
 shale a.g.

Sandy, chert - ch. Med. gyp. sh
 Qtz. Poor 19. - 1/5

Sand. & sh. ool

dolomite - cream flc - sun. in part
 dense - few thin - blk - gry sh - in part
 flc. also

DST #1 3720 - 3776
 30-30 - 30-30
 Blow, weak
 Recovery 30. mud
 Pressure 151P 820 PSI
 FFP 662 "
 FFP 10-24 "
 FFP 25-36 "
 MH 1890 "
 -1887

DST #2 3720 - 3784
 30-30 - 30-30
 Blow, weak built for
 fine, built to 1 1/2"
 Recovery 10.03 wsm
 (2% water 74.1 ml oil)
 100' sl. oil wsm
 (2.5% water 75.2 ml)
 trace oil spud

Pressure 151P 939
 FFP 892
 FFP 10-24
 FFP 25-36
 MH 1946
 -1926