



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1239392
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1239392

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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: <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 <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

GLOBAL CEMENTING, L.L.C.

1410

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell 15

DATE <u>8-7-14</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>M. K. P. #4</u>	WELL #. <u>1</u>	LOCATION			COUNTY	STATE	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR W.W. Drilling Rig #12

TYPE OF JOB Surface

HOLE SIZE 7 1/2" T.D. 268'

CASING SIZE 3 1/2" DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS

DISPLACEMENT

OWNER

CEMENT AMOUNT ORDERED 200 Cen 8 1/2" - 28 gal

EQUIPMENT

PUMP TRUCK CEMENTER 2

HELPER 1

BULK TRUCK DRIVER 1

DRIVER

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

REMARKS:

12 1/2" casing 268' depth

200 Cen 8 1/2" - 28 gal

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

CHARGE TO: Global Cementing LLC

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

Global Cementing, L.L.C.,
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 W.W. Drilling Rig #12

SIGNATURE W.W. Drilling Rig #12

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

GLOBAL CEMENTING, L.L.C.

1416

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE	WELL #.		LOCATION		COUNTY	STATE	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR Russell

TYPE OF JOB _____

HOLE SIZE _____ T.D. _____

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED _____

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____

TOTAL _____

EQUIPMENT

PUMP TRUCK # _____ CEMENTER _____ HELPER _____

BULK TRUCK # _____ DRIVER _____

BULK TRUCK # _____ DRIVER _____

REMARKS:

CHARGE TO: RL

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

Global Cementing, L.L.C.,
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 Robert P. [Signature]

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

API# 15-179-21369-00-00

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY RL Investment, LLC.
 LEASE Mike Pratt #1-13
 FIELD Wildcat
 LOCATION 339' ESL + 1412' FWL
 SEC 13 TWSP 9s RGE 29w
 COUNTY Sheridan STATE Kansas

ELEVATION
 KB 2786'
 DF 2784'
 GL 2778'
 Depths Measured From
 Log KB Drilling KB

CONTRACTOR WW Drilling Rig #12
 SPUD 8-7-14 COMP 8-16-14
 SAMPLES SAVED FROM 3500 TO R.T.D.

CASING
 Surface 858' @ 262'
 Production none

ELECTRIC LOGS
Nabors

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM ^{E-log}	A	B	C	D
				-0-	-0-		
Anhydrite	2394	2393	+ 393	+ 391	+ 380		
Base Anhydrite	2428	2428	+ 358	+ 358	+ 343		
Howard	3570	3568	- 782	- 779			
Topeka	3656	3654	- 868	- 867	- 874		
Heebner	3872	3870	- 1084	- 1079	- 1090		
Toronto	3892	3890	- 1104	- 1095	- 1112		
Lansing	3906	3904	- 1118	- 1114	- 1128		
Base Kansas City	4147	4145	- 1359	- 1354	- 1367		
Pawnee	4265	4263	- 1477	- 1470	- 1482		
Ft. Scott	4352	4352	- 1566	- 1558	- 1570		
Mississippian	4458	4456	- 1670	N.R.	- 1675		
Total Depth	4500	4499	- 1713	- 1609	- 1858		

REFERENCE WELLS

- A RL Investment, LLC., Clark #1, 1476' ESL + 1923' FWL Sec. 18-9S-28W
- B John O. Farmer, #D-1 Pratt, C-SW-SW Sec. 14-9S-29W
- C
- D

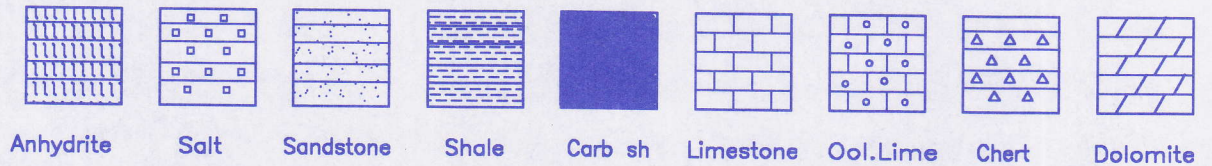
REMARKS

This well ran 4 feet lower to 10 feet higher on the Lansing top than the reference wells. After reviewing the suite of open hole logs it was decided no further testing was warranted and the well was plugged and abandoned.

Richard B. Bell
8-16-14

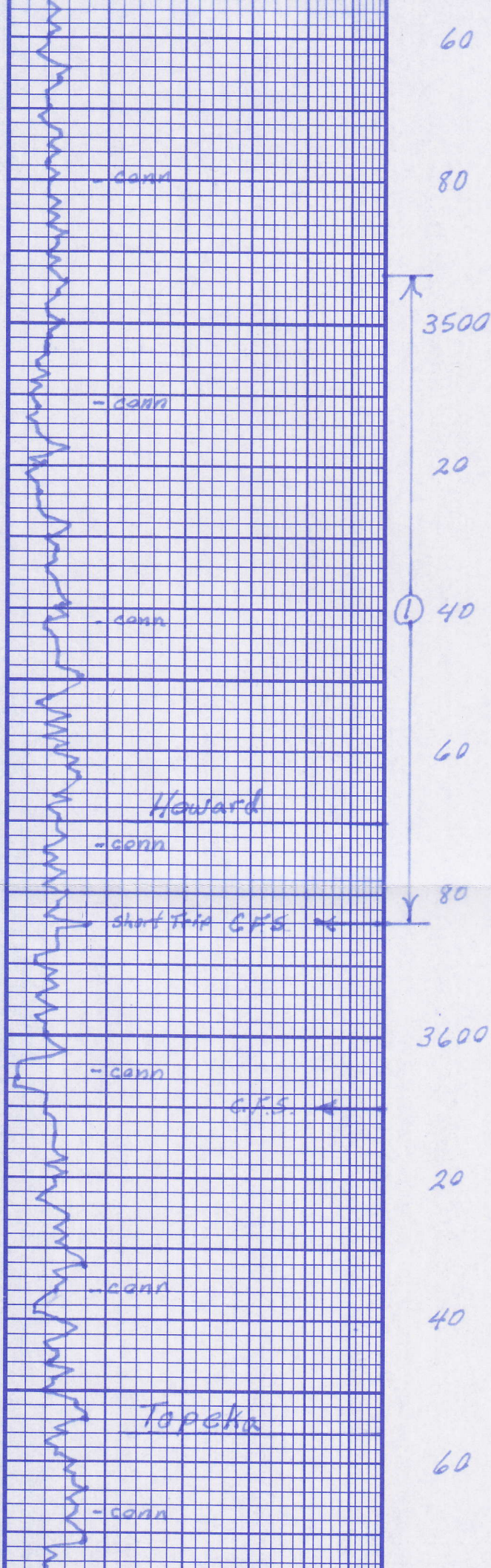
7502

LEGEND



LOG 7710

<p>DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases</p> <p>5" 10" 15" 20" 25"</p>	<p>DEPTH</p>	<p>LITHOLOGY</p>	<p>SAMPLE DESCRIPTIONS</p>	<p>OIL SHOWS</p>	<p>REMARKS</p>
<p>Anhydrite</p>	<p>2390</p>				
<p>- can</p>	<p>2400</p>				
<p>Base Anhydrite</p>	<p>20</p>				
<p>40</p>	<p>3400</p>				
<p>- can</p>	<p>20</p>				



60	
80	LS: wh-tn-yel-gry Tr fxl mostly fsif pr. pp φ N.S.O. Tr Δ' gry sh: brn + gry
3500	LS: wh-tn cky-fsif pp φ - pr. in part φ N.S.O.
20	sh: rd, brn, gry
40	sh: gry stly LS: gry fsif dns
60	sh: gry stly LS: tn-gry fsif dns N.S.O. No cut
80	sh: drk gry LS: tn-gry fsif dns N.S.O.
3600	LS: tn-gry fsif isol. vgy φ thick brn f.o. Tr. asph str No odor
20	LS: wh-tn sli. cky-fxl dns N.S.O.
40	LS: wh-tn cky-fsif pp φ N.S.O. No cut, No odor
60	LS: tn-gry fxl-fsif dns N.S.O.
	sh: brn + gry
	LS: wh-tn cky-fsif in part φ N.S.O. No cut
	LS: wh-tn fxl-fsif dns
	LS: wh-tn gry fxl-fsif dns N.S.O. sh: rd, brn + gry
	R.T. Dol: tn fxl dns N.S.O.
	LS: tn gry fsif dns
	sh: rd, brn, gry
	LS: wh-tn sli. cky-fxl sh fsif No vis φ N.S.O.

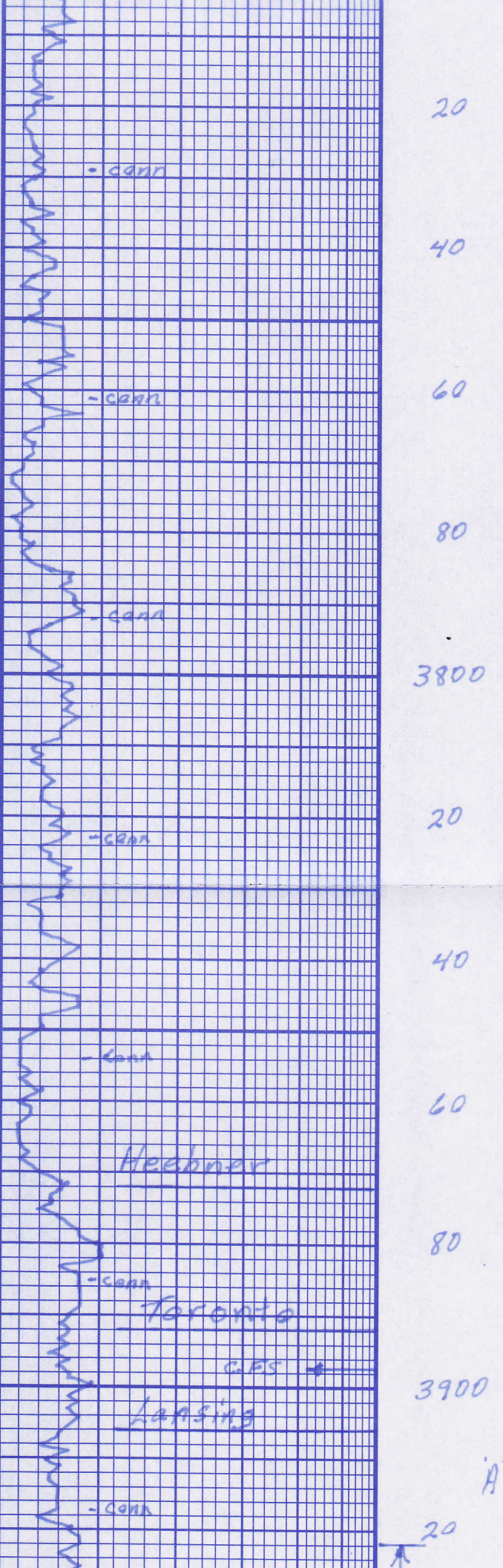
Samples are lag
good samples

Diamond Test

DST # 13493
30-45-30-4
IF: 1/4" blow decr.
FF: 30 min Surface
Recovery: 180%
No Show
Hyd: 1655-16
FP: 10-72/77-
BHP: 1096-10
Bit Temp: 112°

Incline @ 3584

Strap 3605
Board 3605
Diff.



sh: gry + brn
 LS: tn - gry mtl d fslf dns

20
 LS: wh-tu fxl n - Tr sli: oöl
 pp ϕ friable N.S.O.

- conn

40
 LS: wh-tu incr. cky, fxl n
 oöl pp ϕ - in part ϕ N.S.O.
 sh: gry + brn

LS: wh-tu cky - fxl n oöl pp ϕ
 N.S.O.

60
 Trace blk Carb. sh.
 sh: brn + gry
 ss: v. fn. gn. Consol.
 in gran ϕ N.S.O.

80
 sh: brn slty, shly sd brn
 LS: wh-tu cky - fslf pp ϕ N.S.O.

3800

20
 LS: wh-tu sli: cky - fxl n Tr
 sli: oöl Tr pp ϕ N.S.O.

Trace blk Carb sh.
 LS: brn fslf dns

40
 LS: wh-tu sli: oöl pp ϕ fxl n
 N.S.O.

sh: brn + gry

60
 LS: wh-tu cky - fxl n pp ϕ
 friable N.S.O.

Heebner

80
 sh: blk Carb.
 LS: tn fslf dns
 sh: gry slty + brn

Toronto

C.P.S. →

3900
 LS: tn - Lt. gry fxl n dns N.S.O.

sh: brn, gry + grn.

Laasling

LS: wh-tu sli: cky - fxl n oöl w/ fass
 inclus. pp ϕ - in part ϕ N.S.O.
 No cut

20
 LS: wh-tu sli: cky fxl n dns.
 N.S.O.

DST #2 3922:
 45-45.45-45
 IF: wk blow incr. to
 EE: surface blow

C.F.S. ← 60

E
F

80

C.F.S. ←

4000 G

20

Muncie Break Sh

40

H

60

I

80

Stark Sh

4100

J

20 K

C.F.S. ←

40

Base Kansas City

L

60

crushing fr. odor

LS: wh to sli. cky-fxl n pp φ
Tr. pr. vgy φ Tr. ht. 0 sat
lt.-fr. spid 0 strn Tr pp F a fr.
Strong odor
Tr. Tary-asph strn
decr. odor

LS: wh to incr. cky-fxl n sub.
ool dns N.S.O.

LS: wh to sli. cky-fxl n dns

LS: wh to lt. gry fxl n dns.
wh to gry

Sh: blk Carb
LS: tn-brn fslf dns

Sh: gry + grn

LS: wh to fxl n sli. pyritic
N.S.O.

Sh: gry + brn

LS: wh to lt. gry sli. cky.
fxl n dns N.S.O.

Sh: brn + gry
LS: wh to sli. cky-fxl n
sli. ool w/ foss. inclus pyritic
pp φ asph spks N.F.O.
No odor

Sh: gry, brn, grn Tr. blk Carb

LS: wh to lt. gry sli. cky-fxl n
No V's φ Tr asph strn on
edges Tr Δ gry fslf

Sh: gry, brn + grn

LS: tn-gry fxl n dns

Sh: gry, brn + grn

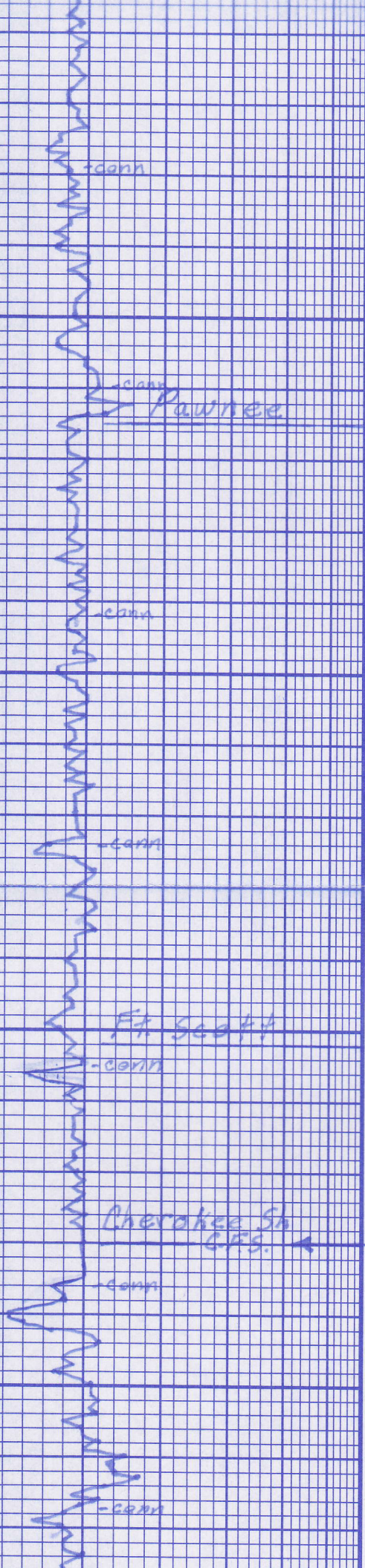
SS: gry v. fr. gn. consal.
in gran φ N.S.O. No cut

DST # 3 3967
30-30-30-3
IF: 1/2" blow died
FF: No blow
Recovery: 10' m
Trace of oil in too
HYD: 1950-1941
FP: 12-24/25-3
BHP: 1070-1000
BH Temp: 116°F

✓

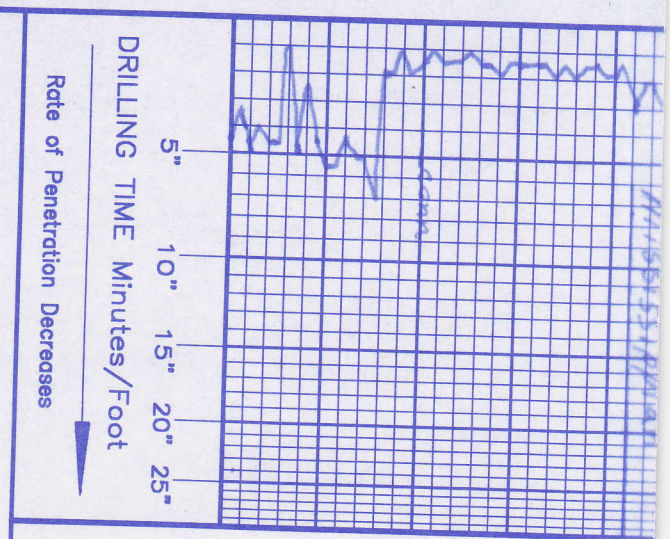
✓

✓



20	LS: tn-lt. gry fxln. sh. slt dns N.S.O.
	sh: brn slt + gry
	LS: tn-lt. gry fxln. sh. slt dns
40	LS: tn-gry fxln dns N.S.O.
	LS: aa Tr Δ or Sh: gry + brn
60	sh: brn, gry + grn
	LS: wh-tn-lt. gry sh.cky. fxln No Vis φ Tr. lt. Sptd 0 stn 1 pc. fr. oil sat w/pp F.O. No odor
80	LS: tn-gry + brn fxln dns R.T. stn from above
4300	Tr. blk Carb. sh. LS: gry mtd fslf dns sh: brn + gry
	LS: wh-tn sh.cky-fxln Sub oil dns N.S.O.
20	Sh: gry + brn
	LS: gry fxln dns
40	sh: drk gry
60	Sh: blk Carb
	LS: tn-lt. gry fxln-sh. slt prvitic Tr pp φ Tr Vgy φ lt. Sptd 0 stn. Tr. lt. brn floating F.O. ft. odor cut on crushing
80	LS: wh-tn fxln dns Tr Δ brn sh: blk carb sh: brn, gry + grn
4400	LS: wh-tn-lt. gry chy-fxln dns N.S.O.
	LS: a.a. sh: gry + grn
20	LS: wh-tn-lt. gry chy-fxln-sh fslf dns N.S.O. sh: gry, brn, grn Tr. blk carb

DST # 4 4317:
30-30-30-30
IF: surface blow die
FF: No blow
Recovery: 5' mud
tool sample: trace of
in mud
Hyd: 2160-2147#
FP: 8-11/12-12#
BHP: 21-16#
BHTemp: 124°F.



DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
60	Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ	✓ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Fr. wea. Δ w/pt. Lt. O. sh N.F.O. No odor	✓	
80	Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ	Δ Δ Δ Δ Dark - Lt. grey		
	Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ	Δ Δ Δ Δ Ks. wh-fr. fsh sub oil obs N.S.O.		
	Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ	Δ Δ Δ Δ Ks. a.a. Still a lot of Δ a.a.		Incline @ 4500' 1/2"

CONTRACTOR _____

LEASE _____ IP _____

ELEVATION _____ RTD _____

LOCATION _____

SEC _____ TWP _____

COUNTY _____ STATE _____

RNG _____

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

January 16, 2015

Randall Pfeifer
RL Investment, LLC
217 SAINT PETER ST
MORLAND, KS 67650-5101

Re: ACO-1
API 15-179-21369-00-00
Mike Pratt 1
SW/4 Sec.13-09S-29W
Sheridan County, Kansas

Dear Randall Pfeifer:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 08/07/2014 and the ACO-1 was received on January 16, 2015 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department