Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1238995

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 # 32948
Name: Tomlinson Operating, LLC
Address 1: 7154 W. STATE ST #302
Address 2:
City: BOISE State: ID Zip: 83714 + __ __ __ __
Contact Person: Sid Tomlinson
Phone: (208) 229-1937
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Robert O'Dell
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 #:

12/13/2014	12/18/2014	12/19/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-26057-00-00
Spot Description:
__ - SE - SE - SE Sec. 13 Twp. 16 S. R. 12 ☐ East ☑ West
330 Feet from ☐ North / ☑ South Line of Section
330 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barton
Lease Name: Hoffman Trust Well #: 1
Field Name: Kraft Prusa
Producing Formation: none
Elevation: Ground: 1880 Kelly Bushing: 1889
Total Vertical Depth: 3412 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 412 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: 49000 ppm Fluid volume: 1000 bbls
Dewatering method used: Evaporated

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:** NAOMI JAMES **Date:** 01/14/2015

1238995

Operator Name: Tomlinson Operating, LLC Lease Name: Hoffman Trust Well #: 1

Sec. 13 Twp. 16 S. R. 12 ☐ East ☑ West County: Barton

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	748	+1141
Heebner	2947	-1058
Lansing	3058	-1169
Base Kansas City	3321	-1432
Arbuckle	3354	-1465
Granite	3410	-1521
TD	3412	

CASING RECORD ☑ New ☐ 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	12.25	8.625	28	412	common	200	2% gel, 3% CaCl

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	-			
	-			

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 *(Amount and Kind of Material Used)*	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

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Tomlinson Operating, LLC
Well Name	Hoffman Trust 1
Doc ID	1238995

All Electric Logs Run

Dual Induction Laterlog
Compensated Neutron/Compensated Density
Microlog
Sonic log

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 740

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-13-14	13	16	12	Barton	KS		3:30 PM

Location Beaver E to T 0/N 1E N into

Lease Hoffman Well No. #1

Contractor Southwind #9

Type Job Surface

Hole Size 12 1/4 T.D. 412'

Csg. 8 5/8 Depth 412'

Tbg. Size Depth

Tool Depth

Cement Left in Csg. 25' Shoe Joint

Meas Line Displace 24 1/2 bbl

EQUIPMENT

Pumptrk 5 No. Cementer Helper David

Bulktrk 14 No. Driver Driver Chad

Bulktrk PU No. Driver Driver Brett

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Cement Circulated!!

Quality Oilwell Cementing

X Signature Nick Stark

Owner

To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Sid Thomlinson

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 200 com 3% cc 2% Gel

Common	200
Poz. Mix	
Gel.	4
Calcium	7
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	211
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	Surface
Mileage	32
Tax	
Discount	
Total Charge	

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6317

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-19-14	13	16	12	Barton	KS		11:00 Am

Location Beaver 3E IN 1E Ninto

Lease Hoffman trust | Well No. 1

Contractor Southwind 9

Type Job Plug

Hole Size 7 7/8 | T.D. ~~3340~~ 3412'

Csg. DP 4 1/2 | Depth 3340

Tbg. Size | Depth

Tool | Depth

Cement Left in Csg. | Shoe Joint

Meas Line | Displace H20/mud

EQUIPMENT

Pumptrk 20 No. Cementer Helper Nick

Bulktrk 1 No. Driver Driver Lonnie M

~~Bulktrk~~ Pu No. Driver Driver Billy

JOB SERVICES & REMARKS

Remarks:

Rat Hole 30sx

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

1st 3340 50sks

2nd 770 50sks

3rd 450 80sks

cement Did Circulate

40 ft 10sks

Rat 30 sx

~~mouse~~

X Signature Keith Staab

Owner

To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Tomlinson Operating

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 220 sx 60/40 4% gel 1/4 # flow

Common	132
Poz. Mix	88
Gel.	8
Calcium	
Hulls	
Salt	
Flowseal	50#
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	228
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge	plug
Mileage	32
Tax	
Discount	
Total Charge	

ROBERT E. O'DELL
Petroleum Geologist

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

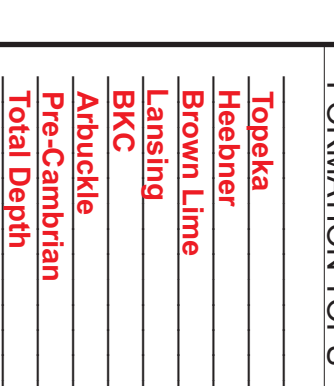
COMPANY: Tomlinson Operating, LLC.
LEASE: Hoffman Trust #1
FIELD: Kraft-Prusa
LOCATION: SE SE SE
SEC 13 TWSP 16S RGE 12W
COUNTY Barton STATE Kansas
CONTRACTOR Southwind Drilling Rig #9
SPUD 12-12-2014 COMP 12-19-2014
RTD 3412' LTD 3412'
MUD UP 2495' TYPE MUD Chemical
SAMPLES SAVED FROM 2600' TO RTD
DRILLING TIME KEPT FROM 2600' TO RTD
SAMPLES EXAMINED FROM 2600' TO RTD
GEOLOGICAL SUPERVISION FROM 2700' to RTD
GEOLOGIST ON WELL Bob O'Dell

ELEVATIONS
KB 1889
DF
GL 1880
Measurements Are All From KB

CASING
CONDUCTOR
SURFACE 8-5/8" set @ 413'
PRODUCTION None

ELECTRICAL SURVEYS
DIL, CN/CD, Micro, Sonic

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Topeka	2660 (- 771)	2660 (- 771)
Heebner	2947 (- 1058)	2948 (- 1059)
Brown Lime	3039 (- 1150)	3041 (- 1152)
Lansing	3058 (- 1169)	3060 (- 1171)
BKC	3321 (- 1432)	3323 (- 1434)
Arbuckle	3354 (- 1465)	3355 (- 1466)
Pre-Cambrian	Not logged	3410 (- 1521)
Total Depth	3412 (- 1523)	3412 (- 1523)



API# 15-009-26057

REMARKS: *Due to the lack of commercial shows and poor reservoir development in the Gorham sand and Arbuckle, the decision was made to plug and abandon the #1 Hoffman Trust on 12-19-2014.*

Respectfully Submitted,

Bob O'Dell

LEGEND

Anhydrite, Sandstone, Limestone, Shale, Carb Sh, Cherty LS, Chert, Dolomite

DRILLING TIME IN MINUTES PER FOOT (Rate of Penetration Decreases →; 5, 10, 15)	DEPTH	LITHOLOGY	GAS SCALE (10, 50, 100, 500)	SAMPLE DESCRIPTION	REMARKS

No gas detector used on this well

Displace mud @ 2495'.

Daily Drilling Depth
12-12-2014 MIRU
12-13-2014 Set 8-5/8th surface casing @ 413'.
12-14-2014 Drilling @ 854' at 7:00 a.m.
12-15-2014 Drilling @ 1909' @ 7:00 a.m.
12-16-2014 Drilling @ 2500' @ 7:00 a.m.
12-17-2014 Drilling @ 2948'.
12-18-2014 CFS @ 3315'.
12-19-2014 Preparing to plug @ 3412' RTD.

2600

Geologist on location 3:45 PM 12-16-2014 @ 2700'.

Shale-grey, soft, granular, slightly sandy

Lst-white, tan, lt grey, f-m xln, granular, calcitic, part fossiliferous, no vis porosity

Lst-white, grey, soft, f xln, chalky, no visible porosity

50

Shale-grey, part calcareous

Topeka 2660 (- 771)

Lst-white, f-m xln, granular, calcitic, part fossiliferous, no vis porosity

Lst-grey, tan, f xln, scattered granular, part argillaceous, part dense, no vis porosity

Shale-grey, slightly sandy

2700

Lst-tan, lt grey, vf-f xln, part argillaceous, part granular, scattered fossiliferous, no vis porosity

Lst-tan, white, f-m xln, granular, scattered fossiliferous, part chalky, no vis porosity

Lst-tan, f xln, granular, part calcitic, part cherty, dense, no vis porosity

50

Lst-as above to grey, vf-f xln, cherty, granular, fossiliferous, dense, no vis porosity

Lst-grey, dark grey, f-m xln, argillaceous, no vis porosity

Lst-as above to tan, white, f xln, calcitic, dense, no vis porosity

Lst-tan, white, granular, part cherty, scattered calcitic, no vis porosity

Shale-dark grey

Lst-as above to lt grey, vf xln, cherty, dense, no vis porosity

2800

Shale-grey, part calcareous

Lst-white, tan, lt grey, f xln, granular, scattered fossiliferous, part brittle, scattered argillaceous, no vis porosity

Lst-tan, grey, white, vf-f xln, most dense, scattered granular, scattered chalky, no vis porosity

Lst-as above to grey, f xln, granular, argillaceous, no vis porosity

Shale-dark grey, black w/white inclusions

50

Lst-white, tan, f xln, granular, scattered fossiliferous, part calcitic, no vis porosity

Lst-lt grey, white, vf-f xln, part cherty, dense, part granular, no vis porosity

Lst-white, lt grey, f-m xln, calcitic, scattered oolitic, poor oolicastic porosity, slight show of dead free oil, no odor, no fluor, scattered dark stn

Lst-lt grey, vf xln, dense, no vis porosity

2900

10 50 100 500

Lst-as above

Lst-lt grey, white, tan, vf-f xln, cherty, dense, scattered granular, no vis porosity

Heebner Shale 2948 (-1059)

Shale-black

Shale-grey, pale green, calcareous, pyritic

Lst-white, tan, vf-f xln, part calcitic, part chalky, no vis porosity, faint odor, no show

3000

Shale-pale grey, part slightly sandy, soft

Shale-grey, green, slightly sandy to very soft

Shale-as above

Brown Lime 3041 (-1152)

Lst-grey, tan, brown, vf xln, part cherty, dense, no vis porosity

Shale-grey, green, slightly sandy

Lansing 3060 (-1171)

Lst-white, tan, grey, f-m xln, part granular, part chalky, soft, no vis porosity

Shale-grey, calcareous, scattered sandy

Lst-white, oolitic, calcitic, part chalky, no vis porosity

3100

Lst-lt grey, grey, tan, f-m xln, fossiliferous, calcitic, dense, no vis porosity

Shale-grey, calcareous

Shale-pale grey, very soft
Lst-tan, lt grey, f-m xln, oolitic, fossiliferous, granular, no show

Shale-grey, dark grey

50

Lst-grey, white, tan, vf-f xln, part calcitic, fossiliferous, part argillaceous, scattered chalky, no vis porosity

Lst-grey, tan, white, part calcitic, p-f oolicastic porosity, scattered chalky, no show

Lst-tan, vf xln, cherty, dense, brittle, no vis porosity

3200

Shale-dark grey, grey
Lst-white, tan, grey, f-m xln, oolitic, p-f oolicastic porosity, scattered argillaceous, no show

Lst-white, tan, vf xln, calcitic, scattered cherty, no vis porosity

Shale-grey, black

← CFS

50

Lst-tan, f-c xln, calcitic, fossiliferous, scattered cherty, most dense, very scattered poor vugular porosity, no show

Lst-white, vf-f xln, most chalky, soft, scattered cherty, dense, no vis porosity

Shale-dark grey

3300

Lst-grey, vf xln, dense, slightly dolomitic, brittle, no vis porosity

Lst-white, lt grey, vf xln, dense, no vis porosity

Shale-brick red, grey

Lst-as above to white, f xln, granular, chalky, no vis porosity

Lst-grey, f xln, granular, slightly cherty, dense, no vis porosity

Shale-grey, lt grey, dark grey, part soft

← CFS

Lst-grey, white, f xln, part blocky, dense, part chalky, soft, no vis porosity

BKC 3323 (-1434)

10 50 100 500

← CFS

Chert-orange, yellow, translucent, part sharp, angular, fresh, part weathered oolitic, no vis porosity

← CFS

Shale-dark green, red, grey

Sand-quartzitic, c grain, unconsolidated, sub-round to round, several clusters, vf grain, argillaceous, friable, no show

← CFS

Shale-dark green, red, grey

← CFS

Sand-quartzitic, vf-f grain, sub-round, well sorted, friable, very slight show of sticky free oil, no odor

← CFS

50

← CFS

Arbuckle 3355 (-1466)

Dolo-white, f xln, part oolitic, cherty, scattered rhombic, poor vugular porosity, slight show of sticky free oil, no odor, scattered patchy stn

Dolo-white, tan, f-m xln, rhombic, sandy, fair to good vugular & xln porosity, slight show of sticky & stringy free oil on break, very faint odor, patchy stn

Dolo-as above Sand-quartzitic, clear, sub-round, poorly sorted, semi-friable, very slight show of free oil on break, faint odor

Shale-brick red, grey, dark green

Dolo-tan, white, f-m xln, rhombic, sandy, good vugular & xln porosity, no show

3400

Dolo-as above
Shale-red/green, motteled, rotten looking

Pre-Cambrian 3410 (-1521)

← CFS

Quartzite-pink w/clear quartz inclusions

Total Depth 3412 (-1523)

50 100 500

50

3500

Geologist off location 7:30 AM 12-19-14 @ 3412'.

COMPANY: Tomlinson Operating, LLC.
LEASE: Hoffman Trust #1
LOCATION: SE SE SE
Sec. 13 TWP 16 South RGE 12 West
COUNTY: Barton STATE: Kansas

ELEVATION: 1889 KB

API # 15-009-26057-0000

50

← CFS

5200

50

5300