KOLAR Document ID: 1741870

Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 7281
Name: Vonfeldt, Alan J
Address 1: P.O. BOX 611
Address 2:
City: RUSSELL State: KS Zip: 67665 + 0611
Contact Person: ALAN VONFELD
Phone: (785) 483-0252
CONTRACTOR: License # 31548
Name: Discovery Drilling
Wellsite Geologist: HERB DEINES
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ 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 EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

12/7/2023 Spud Date or Recompletion Date
12/10/2023 Date Reached TD
3/19/2024 Completion Date or Recompletion Date

API No.: 15-167-24137-00-00
Spot Description:
E2 - NW - NW - SW Sec. 3 Twp. 14 S. R. 14 ☐ East ☑ West
2310 Feet from ☐ North / ☑ South Line of Section
360 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: Russell
Lease Name: H. BOXBERGER Well #: 19
Field Name: Hall-Gurney
Producing Formation: LKC
Elevation: Ground: 1829 Kelly Bushing: 1837
Total Vertical Depth: 3220 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 440 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: 44000 ppm Fluid volume: 650 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Jeff McQuade Oil LLC
Lease Name: Karst # 2 License #: 35477
Quarter SW Sec. 21 Twp. 15 S. R. 13 ☐ East ☑ West
County: Russell Permit #: D22158.0

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** ☐ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Kelsey Cox **Date:** 03/28/2024

Operator Name: Vonfeldt, Alan J Lease Name: H. BOXBERGER Well #: 19

Sec. 3 Twp. 14 S. R. 14 ☐ East ☑ West County: Russell

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 *(Attach Additional Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☑ Yes	☐ No

List All E. Logs Run:

DUAL INDUCTION LOG
DUAL COMPENSATED POROSITY LOG
MICRORESISTIVITY LOG

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

Name	Top	Datum
Attached	Attached	Attached

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	23	440	60/60 POS	200	2%GEL 4%CC
Production	7.825	4.5	13	3184	COMMON	155	10%SALT 5%GILSONITE

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	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection:	Producing Method:					
3/19/2024	☐ Flowing	☑ Pumping	☐ Gas Lift	☐ Other *(Explain)*		
Estimated Production Per 24 Hours	**Oil Bbls.**	**Gas Mcf**	**Water Bbls.**	**Gas-Oil Ratio**	**Gravity**

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:	
		Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	2698	2992

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
Attached	Attached	Attached	Attached	Attached	Attached

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Vonfeldt, Alan J
Well Name	H. BOXBERGER 19
Doc ID	1741870

Tops

Name	Top	Datum
ANHYDRITE TOP	830	+1007
ANHYDRITE BASE	868	+969
GRAND HAVEN	2363	-526
DOVER LIME	2390	-553
TARKIO LIME	2434	-597
TOPEKA	2698	-861
HEEBNER SHALE	2923	-1086
TORONTO	2943	-1106
LKC	2983	-1146
RTD	3220	-1383

Form	ACO1 - Well Completion
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Doc ID	1741870

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSetAt	Material Record
2	3070	3074			
2	3058	3062			
2	3023	3025			
2	3007	3011	CIBP Cast Iron Bridge Plug	3000	
2	2984	2992			
2	2698	2702			

Form	ACO1 - Well Completion
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Well Name	H. BOXBERGER 19
Doc ID	1741870

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	440	60/60 POS	200	2%GEL 4%CC
Production	7.825	4.5	13	3184	COMMON	155	10%SALT 5%GILSONITE

OPERATOR

Company:	ALAN J. VONFELDT		
Address:	P. O. BOX 611 RUSSELL, KANSAS 67665-0611		
Contact Geologist:	ALAN VONFELDT		
Contact Phone Nbr:	785-483-0252		
Well Name:	H. BOXBERGER # 19		
Location:	30' E NW NW SW SEC.3-T14S-R14W		
API:	15-167-24,137-00-00		
Pool:	IN FIELD	Field:	HALL-GURNEY
State:	KANSAS	Country:	USA

Scale 1:240 Imperial

Well Name:	H. BOXBERGER # 19		
Surface Location:	30' E NW NW SW SEC.3-T14S-R14W		
Bottom Location:			
API:	15-167-24,137-00-00		
License Number:	7281		
Spud Date:	12/7/2023	Time:	9:30 AM
Region:	RUSSELL COUNTY		
Drilling Completed:	12/10/2023	Time:	11:21 AM
Surface Coordinates:	2310' FSL & 360' FWL		
Bottom Hole Coordinates:			
Ground Elevation:	1829.00ft		
K.B. Elevation:	1837.00ft		
Logged Interval:	2300.00ft	To:	3220.00ft
Total Depth:	3220.00ft		
Formation:	LANSING-KANSAS CITY		
Drilling Fluid Type:	CHEMICAL/FRESH WATER GEL		

SURFACE CO-ORDINATES

Well Type:	Vertical
Longitude:	-98.8715187
Latitude:	38.8626755
N/S Co-ord:	2310' FSL
E/W Co-ord:	360' FWL

LOGGED BY

SOLUTIONS CONSULTING

Company:	SOLUTIONS CONSULTING, INC.		
Address:	108 W 35TH HAYS, KS 67601		
Phone Nbr:	(785) 639-1337		
Logged By:	GEOLOGIST	Name:	HERB DEINES

CONTRACTOR

Contractor:	DISCOVERY DRILLING, INC.		
Rig #:	2		
Rig Type:	MUD ROTARY		
Spud Date:	12/7/2023	Time:	9:30 AM
TD Date:	12/10/2023	Time:	11:21 AM
Rig Release:	12/11/2023	Time:	4:15 AM

ELEVATIONS

K.B. Elevation:	1837.00ft	Ground Elevation:	1829.00ft
K.B. to Ground:	8.00ft		

NOTES

THIS WELL RAN STRUCTURULY FLAT TO THE H. BOXBERGER # 17. THE H. BOXBERGER # 19 WAS A TWIN TO

THE # 17 WHICH HAD A BAD CEMENT JOB WITH CHANNELING DURING COMPLETION OF THE WELL WHICH RESULTED IN THE WELL BEING PREMATURELY PLUGGED.

NO DRILL STEM TESTS WERE RAN ON THIS WELL.

OPEN HOLE LOGGING BY MIDWEST WIRELINE: DUAL INDUCTION LOG, DUAL COMPLENSATED POROSITY LOG, MICRORESISTIVITY LOG.

FORMATION TOPS COMPARISON

	H.BOXBERGER #19 E2 NW NW SW SEC.3-14S-14W KB 1837'	H.BOXBERGER #17 NW NW SW SEC. 3-14S-14W KB 1834'	H.BOXBERGER #9 N2 NW SW SEC.3-14S-14W KB 1838'
	LOG TOPS		
Anhydrite-top	830 +1007	+1008	+1012
Anhydrite-base	868 +969		
Grand Haven	2363 -526	-527	-526
Dover Lime	2390 -553	-554	-555
Tarkio Lime	2434 -597	-599	-600
Topeka	2698 - 861	- 862	- 864
Heebner Shale	2923-1086	-1088	-1092
Toronto	2943-1106	-1108	-1112
LKC	2983-1146	-1148	-1152
RTD	3220-1383	-1426	-1415

12-06-23	Spud 9:30 AM. set 8 5/8" surface pipe to 440' w/ 200 sxs 60/40 pos 4%CC 2%gel, plug down 9:30 PM, slope 1 degree @440'. WOC
12-07-23	551', drilling, drilled plug with PDC bit @ 5:30 AM
12-08-23	1992', drilling, pin broke on drill collar, ran overshot and recovered collars, TIWB,
12-09-23	2507', drilling, displaced 2464'-2500'
12-10-23	3130', drilling, RTD @ 3220' @11:21 AM, short trip, CCH, TOWB, logs, TIWB, LDDP
12-11-23	3220', run 4 ½" production casing and cement bottom stage.

ROCK TYPES

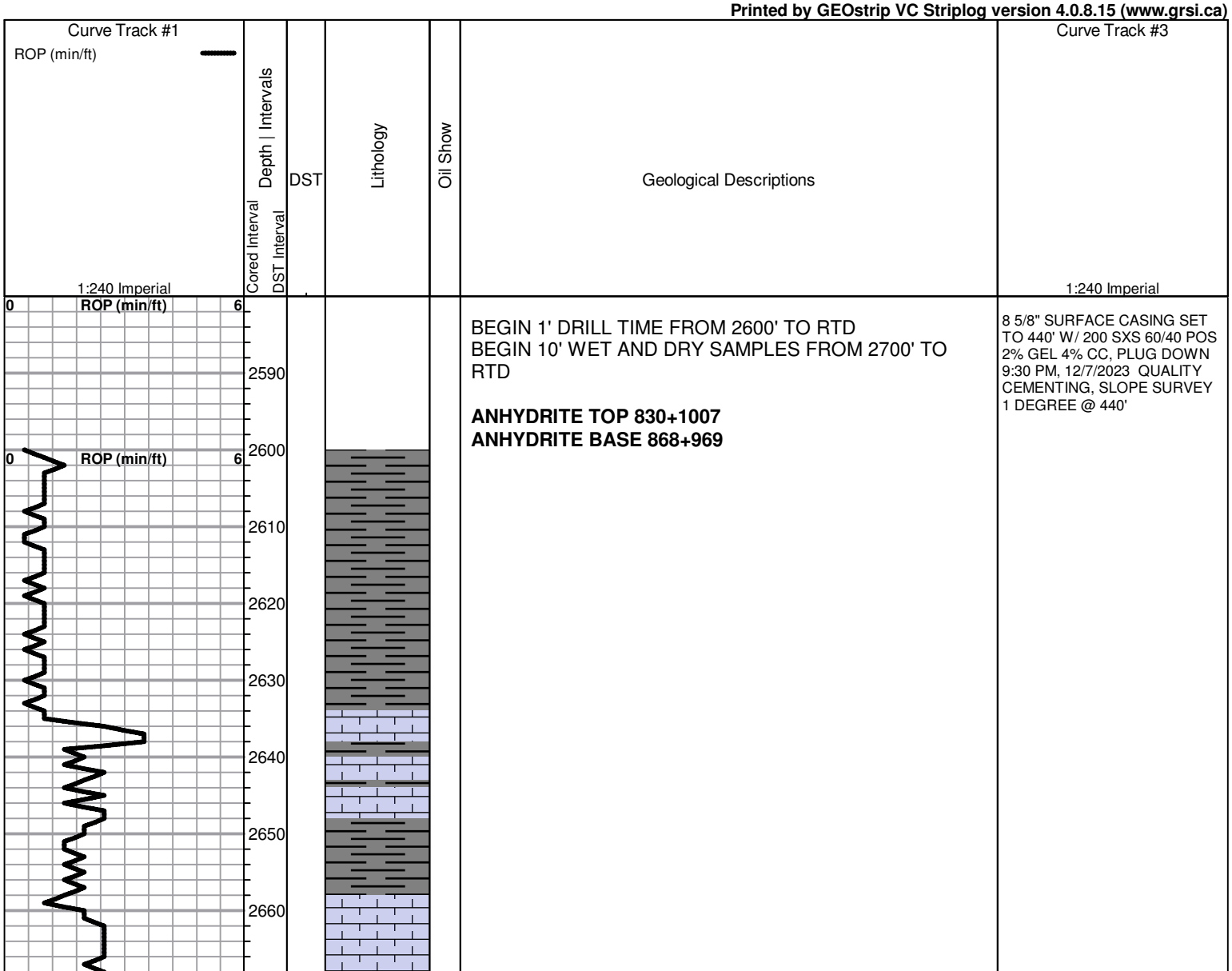
Clystcol
Lmst fw<7
Lmst fw7>
shale, grn
shale, gry
Carbon Sh
shale, red

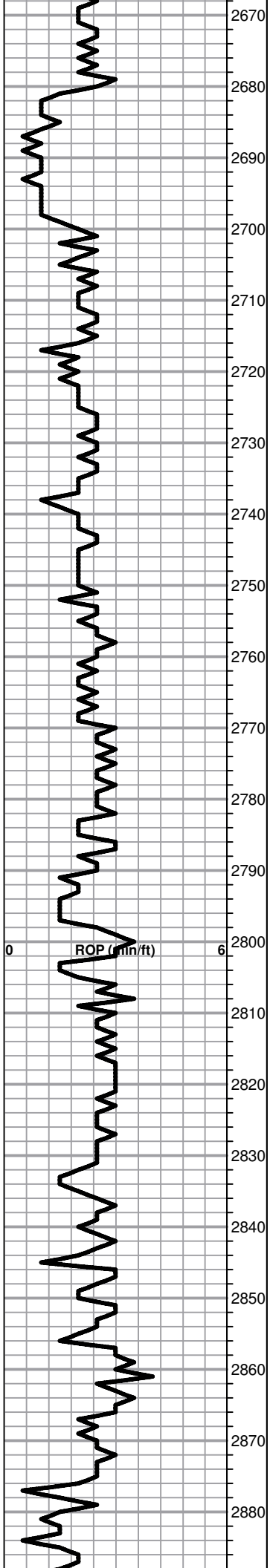
ACCESSORIES

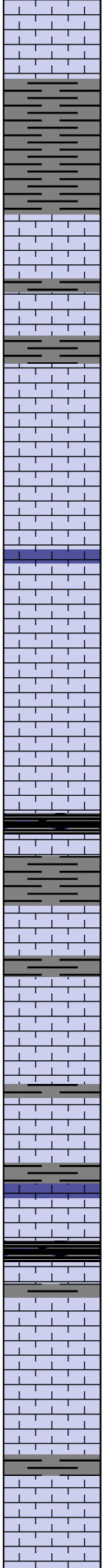
MINERAL
▲ Chert, dark

FOSSIL
Oolite
Oomoldic

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)







2670 Lime, med brn-med grayish brn, fnxln, slightly fossiliferous-fusulinids

2680

2690 Shale, lt-med gray, soft mud to soft blocky

TOPEKA 2698-861

2700 Lime, lt-med brn-lt grayish brn, fn-vfxln

2710 Lime, lt-med brn, fn-vfxln, slightly chalky, NS

2720

2730 Lime, med brn-med grayish brn, fn-vfxln, slightly fossiliferous, NS

2740 Lime, lt-med brn, fn-micro xln NS

2750 Lime, lt-med brn, fn-micro xln, slight bedded chalk

2760 Lime, lt brn-lt grayish brn, fnxln to slightly granular in part, scattered fossil fragments and bedded chalk, lt white chalk wash, NS

2770 Lime, lt-med brn, fnxln, slightly fossiliferous

Lime, lt-med brn, fnxln, slightly fossiliferous with slight chalk matrix in part

2780 Shale, black carbonaceous, blocky
Lime, lt brrn-lt gray, fn-vfxln

2790

2800 Lime, lt-med brn-lt grayish brn, fn-vfxln, slightly fossiliferous

Lime, white-crm, vfxln, lithographic

2810 Lime, crm-lt brn, fn-vfxln

2820

Lime, lt brn-lt grayish brn, fn-vfxln

2830

2840 Lime, lt-med brn, fn-micro xln

Shale, black carbonaceous, blocky, scattered black chert
Lime, med brn, vfxln
Shale, med gray, calcareous, fossiliferous

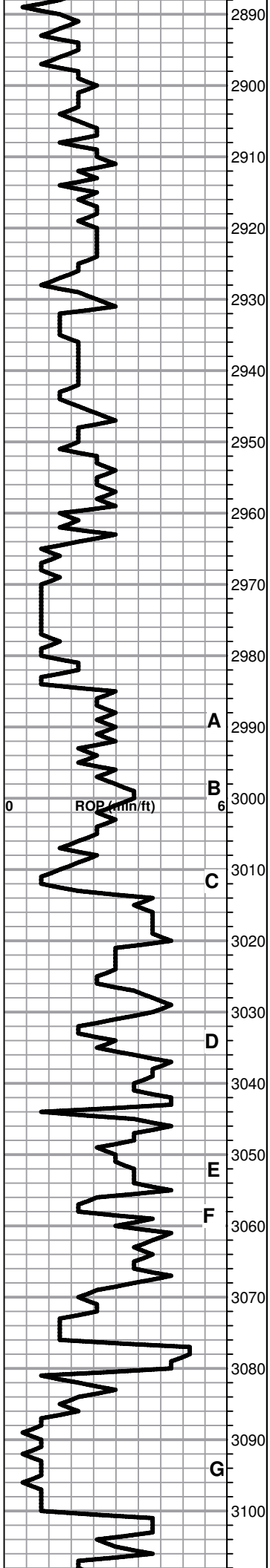
2850 Lime, lt-med brn, fn-micro xln

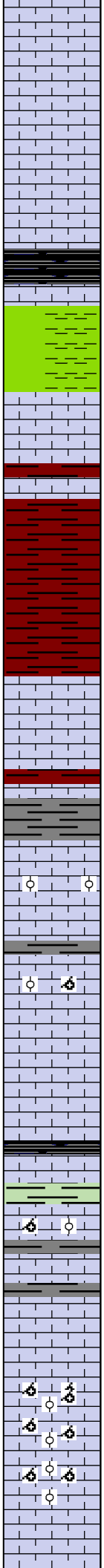
2860

Lime, lt-med brn, mostly fnxln, NS

2870 Lime, lt-med brn, fn-vfxln, NS

2880 Lime,lt brn, fnxln, few chips with granular with fossil fragments, few chips with spotty lt stain NFO, very lt odor, fine interxln porosity with scattered vugs and fossil casts





Lime, crm-lt brn, fnxln, increasing bedded chalk content with lt chalk wash.

Lime, crm-lt brn, fn-vfxln, hard bedded chalk

Lime, crm-lt brn, fn-vfxln

HEEBNER SHALE 2923-1086
Shale, black carbonaceous, blocky
Lime, med brn, micro xln

Shale, dove gray to lime green, soft sticky mud

TORONTO 2943-1106
Lime, crm-tan, fn-vfxln, hard bedded chalk in part, NS

Lime, tan-lt brn, fn-vfxln, shale red soft blocky

Lime, lt-med brn, fn-vfxln

Shale, gray-red, soft sticky to soft blocky

LKC 2983-1146

Lime, lt brn, granular, fine interxln porosity, scattered to sat staining, lt odor, NFO, lt oily sheen
Shale, reddish brn, soft blocky

Lime, lt brn, fn-vfxln

Lime, lt brn, fnxln-granular, scattered to sat stain, lt odor, NFO, slightly oolitic/oomoldic in part, mostly fine interxln porosity.

Lime, lt brn, fn-vfxln

Lime,lt brn, oolitic/oomoldic with fossil fragments, scattered to sat stain, moderate odor, NFO

Lime, tan-lt brn, fnxln

Lime, crm-tan, fn-micro xln, strong odor of sulfur

Shale, black carbonaceous, blocky
Lime, offwhite, fn-vfxln

Lime, white-crm, fn-micro, zone of oolitic/fossil fragments with scattered vugs, scattered to saturated staining, NFO

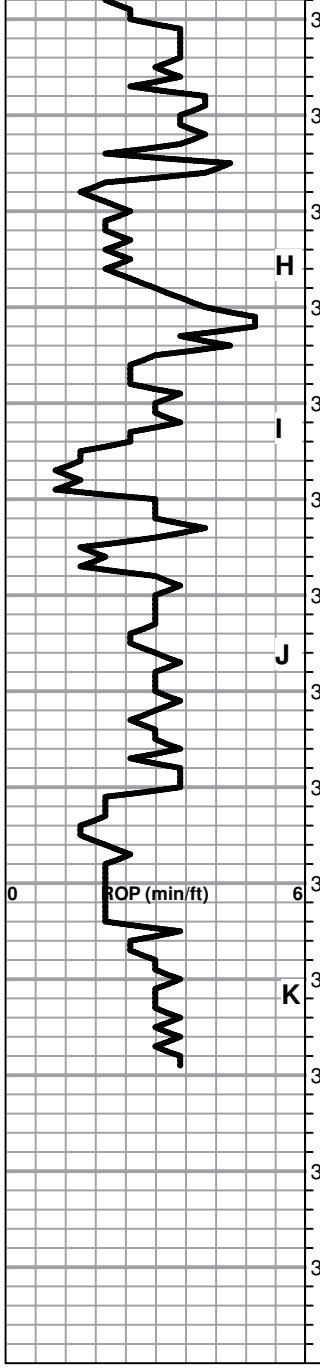
Lime, white-crm, fn-micro xln

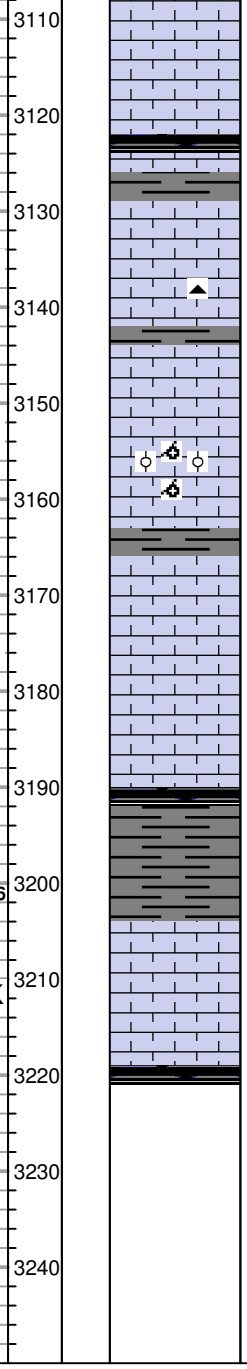
Lime, crm-tan, fnxln to granular, spotty staining in vugs and casts, lt odor, NFO

Lime, tan, fn-micro xln

Lime, tan, oolitic/oolmoldic, scattered to sat staining part with some barren chips. Any oil located in top of break.

Lime, white-crm, oolitic/oomoldic, barren of staining





3110		Lime, white-crm, fn-micro xln, bedded chalk
3120		Lime, crm, micro xln Shale, black carbonaeous, blocky with black chert
3130		Lime, lt-med brn-med grayish brn, fnxln Shale, gray, blocky and calcareous in part with fossil fragments
H 3140		Lime, lt brn, fn-micro xln Chert, fresh sharp
3150		Lime, lt-med brn, micro xln
I 3160	◑	Lime, white, oolitic/oomoldic, lt staining in top of porosity break, lt scattered to saturated staining, NFO
3170		Lime, lt-med brn, fn-micro xln
J 3180		Lime, crm-lt brn, fn-micro xln
3190		Lime, crm-tan, micro xln with hard bedded chalk
3200		Shale, med gray, firm, blocky with green tint, chert content
K 3210	◑	Lime, lt-med brn, fn-micro, few chips with vuggy and fossil casts with lt scattered staining. NFO or odor. Porosity does not appear to be connected.
3220		Lime, lt-med brn, fn-micro xln
3230		
3240		

4 1/2" PRODUCTION CASING SET TO 3184' AND CEMENTED WITH 155 SXS CLASS A COMMON 10 % SALT 5% GILSONITE. JOB COMPLETE 3:15 AM 12/11/2023
30 SXS IN RATHOLE AND 15 SXS IN MOUSEHOLE

RTD IN TOP OF "k" ZONE

SLOPE SURVEY 3/4 DEGREE @ 3220'

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

785-483-1071
785-324-1041

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

No. [illegible]

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12/6/23	3	14	14	Russell	Kansas		[illegible]

Location [illegible]

Lease H Boxberger Well No. 19

Contractor Discovery Drlg. Rig 2

Type Job [illegible]

Hole Size [illegible] T.D. [illegible]

Csg. [illegible] Depth [illegible]

Tbg. Size Depth

Tool Depth

Cement Left in Csg. 20' Shoe Joint

Meas Line Displace 26.7

EQUIPMENT

Pumptrk [illegible]	No.	Cementer	[illegible]
		Helper	[illegible]
Bulktrk [illegible]	No.	Driver	[illegible]
		Driver	[illegible]
Bulktrk [illegible]	No.	Driver	[illegible]
		Driver	[illegible]

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Ran 8 5/8 and got circulation

Cemented 8 5/8 wit 200sk

[illegible] displaced

Cement - Did circulate

X Signature

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 Alan Vonfeldt

Street

City State

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

Cement Amount Ordered 200 60/40 4% Gel 2% gel

Common	[illegible]	
Poz. Mix	[illegible]	
Gel.	[illegible]	
Calcium	[illegible]	
Hulls		
Salt		
Flowseal		
Kol-Seal		
Mud CLR 48		
CFL-117 or CD110 CAF 38		
Sand		
Handling	[illegible]	
Mileage		

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	[illegible]
Mileage	[illegible]
Tax	
Discount	
Total Charge	

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

785-483-1071
785-324-1041

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

No. 3334

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12/11/23	3	14	14	Russell	Kansas		3:15am

Location Russell

Lease H Baxberger | Well No. 19 | Owner

Contractor Discovery Drilling Rig 2 | 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.

Type Job Long String

Hole Size 7 7/8 | T.D. 3220 | Charge To Alan VonFeldt

Csg. 4 1/2 9.5# | Depth 3189.45 | Street

Tbg. Size | Depth | City State

Tool | Depth | The above was done to satisfaction and supervision of owner agent or contractor

Cement Left in Csg. 42.19 | Shoe Joint 42.19 | Cement Amount Ordered 200 com 10% salt 5% gilso 500 gal mud clear

Meas Line | Displace 51 1/4

EQUIPMENT

Pumptrk 16	No.	Cementer	Tim
		Helper	
Bulktrk 14	No.	Driver	Doug
		Driver	
Bulktrk PU	No.	Driver	David
		Driver	

JOB SERVICES & REMARKS

Remarks:

Rat Hole 30 sks

Mouse Hole 15 sks

Centralizers 1, 3, 7, 10, 15

Baskets 8, 17

D/V or Port Collar Ran 4 1/2 and est circulation

Pip set at 3184

cemented Rat hole & Mouse hole

~~Cemented~~ pumped 500 gal mudclear and cemented with 155 sks and displaced

Lift pressure @ 700#

Landed plug @ 1500#

Signature Terry W. Peaches

Common	200
Poz. Mix	
Gel.	
Calcium	
Hulls	
Salt	15
Flowseal	
Kol-Seal	800 #
Mud CLR 48	500 gal
CFL-117 or CD110 CAF 38	
Sand	
Handling	223
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	5
Baskets	2
AFU Inserts	
Float Shoe	1
Latch Down	1

Pumptrk Charge	Prod String
Mileage 15 (min)	
Tax	
Discount	
Total Charge	

Thanks