KOLAR Document ID: 1533781

Confider	ntiality Re	quested:
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 #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #: EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	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 Drill Stem Tests Received							
Geologist Report / Mud Logs Received							
UIC Distribution							
ALT I III Approved by: Date:							

KOLAR Document ID: 1533781

Operator Name:	Lease Name:	Well #:
Sec TwpS. R East 🗌 West	County:	

Page Two

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)		Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c] Ne	w Used rmediate, productio	on. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	Jsed Type		Type and	e and Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the Was the hydraulic fracture 	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas Mcf			er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		METHOD OF			TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold (If vented, Subn	Used on Lease		Open Hole Perf.		Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)		Bollom		
Shots Per Perforation Perforation Foot Top Bottom			Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)	
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion					
Operator	Griffin, Charles N.					
Well Name	LYN 1					
Doc ID	1533781					

All Electric Logs Run

Porosity
Dual Induction
Micro
Sonic

Form	ACO1 - Well Completion			
Operator	Griffin, Charles N.			
Well Name	LYN 1			
Doc ID	1533781			

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	265	Common	275	2% Gel, 3% CC
Production	7.875	5.5	15.5	4848	Griffin Blend	150	2% Gel, 10% Salt, 5# Koseal

Griffin Management LLC LYN 1 9/5/20 Started running casing at 6:25 am Run in 120 jts 5 ½" 15.5# used tested casing Total 4848'. PBTD 4838' Circulated 1 hour RU QUAILTY and cemented with 150 sks Pro C (griffin blend) cement 2% gel, 10% salt and 5# Koseal. Plug down at 11:00 am Plugged rathole with 30 sks and mousehole with 20 sks 9/24/20 **RU Allaince Well Service** 9/25/20 RU Hydro Tester. Test tubing in hole. TOOH. RU Excel Wireline. Run CBL/GR Log and perforate <mark>4726'</mark>- <mark>4736'</mark> (10' x 3 spft) PBTD 4824' PU packer and TIH with 147 jts 2 7/8" tubing Set packer at 4687'. RU to swab, IFL 200'

Swabbed down and recovered 20 bbls No oil or gas Wait 30 mins recovered no fluid entry Shut in 9/26/20 **TP 0#** Made 1 swab no fluid entry PU 1 jt and 16' tubing subs RU Pro Stim and spotted 26 bbls at 4736' Pulled 1 jts and subs. Set packer at 4687' Pumped 1000 gals 15% Mud acid and 27.5 bbls KCL flush water. Breakdown 1100#. Treated 3.5 bpm @ 950# ISIP 750#. 15 mins 430#. Flowed back 5 bbls RU swab. IFL surface 1st hr. FL 4500. Rec 25 bbls Sli oil Wait 15 mins rec 300'. TOB oil Wait 15 mins rec 150'. TOB oil Wait 30 mins rec 150'. ³/₄ TOB oil Wait 30 mins rec 150'. ³/₄" TOB oil Wait 30 mins rec 150' ½ TOB oil

Wait 30 mins rec 100' ½ TOB oil Wait 60 mins rec 100' ½ TOB oil Wait 60 mins rec 150' ¼ TOB oil **Recovered 37 bbls** of 53 bbls used Shut in 9/28/20 Tp 8#. IFL 2100' 1st swab 10' oil/ 1000' acid water 2nd swab 1000' acid/ salty water 3rd swab 600' acid / salty water Sli oil 4th swab 100' acid/ salty water. Sli oil Wait 15 mins 75' acid/ salty water Sli oil Recovered 12 bbls. Total recovered 49 of 53 bbls. Rigged down rig 10 to replace with Rig 30 Rig 30 spotted in 9/29/20 RU Rig 30. TP 4#. IFL 3200' Made 1 swab recovered 1200' water Released packer and TOOH. RU Excel Wireline

Set CIBP at 4710' and perforated 4632'- 4638' 3 spft. TIH with packer. RU Pro Stim and spot

Acid at 4640' (145 jts, 2) 4' and 1) 8' sub. Laid down subs and 1 jt. Set packer at 4589' (144 Breakdown 1000# First 7 bbls 2.5 bpm at 1300#. Last 5 bbls 2.5 bpm at 700#. Packer was holding ok. ISIP 500# 15 mins Used 500 bbls Cherokee blend acid with 28 bbls KCL flush water. Total used 40.5 bbls. RU to swab. IFL surface 1st hr Fl 4500' Rec 30 bbls no oil Wait 15 mins no entry Open bypass and swabbed 15 bbls Wait 30 mins recovered 150' 35% OC **Total recovered** 30.5 bbls of 40.5 bbls Shut in 9/30/20 TP 17#. IFL 4000' 1st swab recovered 500' 95% OC 3 bbls 2nd swab recovered 0. No entry

Wait 30 mins recovered 0' no entry Wait 30 mins recovered 0' no entry RU Pro Stim. Pumped 1000 gals Cherokee Blend and 27.5 bbls KCL flush water. Used 52 bbls total Treated 5.5 bpm at 1300% avg ISIP 650#. 15 mins 470#. Flowed back 5 bbls RU to swab 1st hr recovered 32 bbls 20% OC Wait 15 mins recovered 200' 85% OC Wait 15 mins recovered 150' 85% OC Wait 30 mins recovered 150' 85% OC Wait 30 mins recovered 200' 78% OC Wait 30 mins recovered 150' 78% OC Wait 30 mins recovered 100' 78% OC Total recovered 44.5 bbls. Shut in 10/1/20 TP. 35#. IFL 3850' 1st swab recovered 700' oil/ 50' water Wait 15 mins no entry

Wait 30 mins recovered 250'. 60% OC Wait 30 mins recovered 200'. 72% OC Released packer and swabbed down TOOH to frack on Friday 10/2/20 RU Gore N2. Gore fracked with 635 bbls slick water, 39,998# 20/40 mesh sand, 6,069# Restin coated 20/40 mesh sand and 1,271,000 scf N2. ISIP 2279# 15 mins 2171# Shut in 10/3/20 CP 1900# Start flowing back 1st hr. 16/65" CP 1400#. Rec 28 bbls 2nd hr 17/64" CP. 950#. Rec 30.5 bbls 3rd hr 16/64" CP 540#. Rec 27.5 bbls 4th hr 18/74" CP 380#. Rec 32.5 bbls 5% OC 5th hr 20/64" CP 200#. Rec 22.5 bbls 16% OC 6th hr 21/64" CP 150#. Rec 17.5 bbls 21% OC 1 ½ hr 24/64 CP 35# Rec 15 bbls 27% OC 1 hr. 24/64" CP 0#. Rec 2.5 bbls 30% OC Total back 176 bbls of 635 bbls used in frack

Left well open to tank.

10/4/20 (Sunday)

Blowing N2

Flowed 12.5 overnight. Total back 188.5 bbls 10/5/20

Casing had Sli blow. RU casing jar. Operator found a broken wire strand above rope socket, so crew had to pour a new rope socket. Run in hole with casing jar and tagged sand above perforations. PU hydro static bailer. TIH with tubing. Tagged sand at 4515' (7' above perforations). Bailed 90' to 4705'. TOOH

Laid down bailer. TIH with tubing as follows

1) 15' 2 7/8" mud anchor. 15.10'
 1) 2 7/8" seating nipple. 1.10'
 144). Jts 2 7/8" tubing. 4583.43'
 Landed bottom

of mud anchor at 4599.63' RU to run in pump and rods in morning Shut down 10/6/20

Run in pump and rods as follows

- 1) 2 ½" x 2" x 14' RWB
- 1) 2'. 7/8" pony rod
- 9). 7/8" rods
- 99). ¾" rods
- 73). 7/8" rods
 - 1). 8' 7/8" pony rod
 - 1). 6' 7/8" pony rod
 - 1) 4' 7/8" pony rod
 - 1). 2' 7/8" pony rod
 - 1). 22' polished rod

Set pumping unit and started pumping at 3:30 pm



Scale 1:240 (5"=100') Imperial Measured Depth Log

Long: -98.98160 Bottom Hole Same as surface coordinates Coordinates: .5 deg @ 265' & 1363'. 1 deg @ 3232'. 1.25 deg @ 4060' Ground Elevation (ft): 2015' Logged Interval (ft): 3600' Type of Drilling Fluid: Mud Co. Chemical Drispac

K.B. Elevation (ft): 2026' To: 4860' Total Depth (ft): 4860' Formation: Ordovician (Simpson) @ RTD

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

Region: Pratt Co.

Drilling Completed: 9/04/2020

OPERATOR

Company: Griffin Management, LLC Address: P.O. Box 347 Pratt, KS 67124-0347

GEOLOGIST

Name: Eli J. Felts Company: Griffin Management, LLC Address: ejfelts47@gmail.com 316.204.5059

	Formation Tops									
SAMPLE TOPS		LOG TOPS								
KINGHILL	3724 (-1698)	KING HILL	3718 (-1692)							
HEEBNER	3940 (-1914)	HEEBNER	3936 (-1910)							
BROWNLIME	4103 (-2077)	BROWNLIME	4098 (-2072)							
LANSING	4122 (-2096)	LANSING	4115 (-2089)							
STARK	4425 (-2399)	STARK	4420 (-2394)							
B/KC	4508 (-2482)	B/KC	4506 (-2480)							
PAWNEE	4578 (-2552)	PAWNEE	4574 (-2548)							
CHEROKEE	4616 (-2590)	CHEROKEE	4612 (-2586)							
VIOLA	4680 (-2654)	VIOLA	4678 (-2652)							
SIMP SHALE	4810 (-2784)	SIMP SHALE	4810 (-2784)							
SIMP SAND	4842 (-2816)	SIMP SAND	4833 (-2807)							
RTD	4860 (-2834)	LTD	4859 (-2833)							

Drilling Report Murfin Drilling, Rig #114 Tool Pusher: Paco Gonzales Cell #785-743-6752 8/31/2020 Spud @ 4:00 PM Set Surface. Plug Down @ 9:15 PM 9/01/2020 Drilling Cement @ 265' 9/02/2020 Drilling @ 2316' Displace 2697 - 2717 Bit trip @ 3232' 9/03/2020 Drilling @ 3427' - Geo on location 9/04/2020 Drilling @ 4750' RTD@ 4860'~10:30 AM CFS 60" @ TD Short Trip 30 stands - up to last bit trip CTCH for logs 90", Drop Survey, TOOH ELI Loggers on location. TIH w/ logs @ 6 pm. Finish Logging @ ~11:30 PM Geo left location upon completion of logs. 9/05/2020 Run Casing Plug Down @ 11:00 AM Released Rig @ 6 PM 9/06/2020 Done Problems Bit trip @ 3232' - swapped bits (ran PDCs) No Major Problems Pipe Setting 8.625" (23#) Surface @ 265' 5.5" (15.5#) Production @ 4838' **ROCK TYPES ***** Granite Congl Shgy Salt Anhy ____ ⁿyarⁿananya Siltstone - gre Dol-cream Shale 2 Bent Lmst tan _____*___* Dol Sh - maroon Brec Lmst Sltst AAAA Cht Meta ς. Gyp Shale gry ••••• Ss Doctooo Till ਜ ™ ਜ ™ Mrlst Clyst Shale 1 Igne ____ _ 111 × 1 🗏 Shcol Г Coal Granite 2 Quartz REFERENCE WELL'S E-LOG TOPS FORMATION rilling Co. In SS KB Elevation: 2032 KB Depth 3740 3961 Der 150 55 150 -1680 215 -1895 162 -2057 16 King Hill 3700 215 218 162 17 1694 221 161 19 3703 3930 3700 3718 -1692 1708 162 21 Heebner Brown Lime -1910 164 24 298 -1916 3915 -1909 -1929 4098 4079 4122 4092 4077 -2072 -2073 -2090 -2109 -2078 305 86 68 -209 302 86 69 -2073 Lansing Stark -2089 -2099300 305 4420 4506 4574 -2395 -2477 -2545 -2582 82 68 4443 4529 4598 -2411 -2497 83 64 37 -2399 -2394 4401 4413 4398 -2378 85 Base KC 4483 4496 -248 4483 -2463 -2480 64 -2527 Pawnee Cherokee Viola 38 66 132 38 109 34 65 118 4551 4560 4547 -2548 -2586 37 -2546 -2583



-2639 -2775 -2805

4588

57

136

30

139

4636

4745

4843 4870

498

4597

4679

4789

4829

98 27 110

-2604

-2811 -2838

2948

2626

-2744 -2773

29

82 110

-4789 4829

-2775

2815

4581

4646

4764 4793

4910

ithology

Simpson

RTD

4612

4678

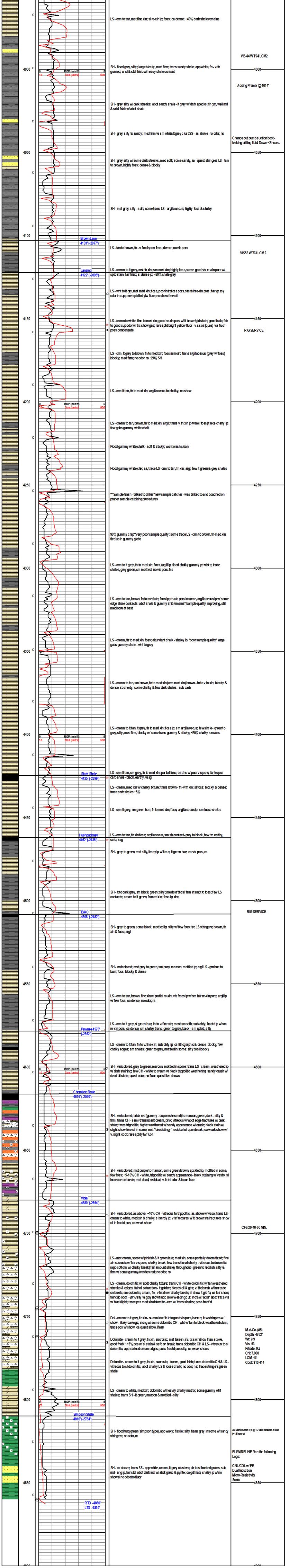
4810 4833 4859

-2652

-2784 -2807

23 26

ithology	QW		Oil Shows	Geological Descriptions	DSTs/Mud/Surveys, etc
					0000
		0 ROP (min/ft) 10 Gas (units) 50		MurfinDniing,Rig #114 ToolP usher. Paco Gonzales Cell#785-743-6752	Mud-Co. (#4)
			-	831/2020 Spud @4:00PM	Depth: 3506' Wt: 9.4
				Set Surface.PlugDown@9:15PM 901/2020	Vis: 58 Filtrate: 11.8
			ſ	DrlingCement@265' 902/2020	Chi: 9,000 LCM: 2#
		3		Drling@2316' Displace 2697'-2717'	Cost \$6,629
				Bittrip @3232' 903/2020	
				CallDepth @~6:30AM Driling @3427'-Geo onlocation	
	3550			904/2020 Drling@4750' RTD@ 4860'~10:30 AM	
	c			CF S 60''@TD ShortTrip30 stands- upto last bit trip	
				CTCH for bgs 90",Drop Survey,TOCH ELILoggerson bcation.TH w/bgs @6pm.FinishLogging@~11:30P M	
		$\left \right\rangle$		Geo left location upon completion of logs. 905/2020	
				Run Casing PlugDown @ 11:00 AM Released Rig @6PM	
		2		906/2020 Done	
	с			NO CORES OR D'ST'S R'AN ON THIS TEST SAMPLESA RE LAGGED. PDC BIT RA N FROM UNDER SURFACE THROUGHR TD. SAMPLE QUA LITY GOOD OVER ALL	
		\mathbf{z}		LS - cream to white, sm It gry, fn to med xin, sm re-xin, mst chalky, decr shaley; no odor,	
				ns	
	3600	ROP (min/ft) 10 Gas (units) 50	5		3600- Started 20' Wet & Dry Samples (
				LS - cream, fn to med xln w/ fair to good vis xln pors; sm lg calc mnrl growth; partial It	3600'. Ran 20' Samples for durati of well. Overall ROP = FAST
	с			brown staining ip; few vis fracs; abolt chalky w/sm gummy white glob; no odor; ns	
	C				
				LS - crm to it grey, fn to med xin w/abdt visx indev; mostly chalky matrix, soft; loose	
				chalk & partial shaley, no shows	
	3650 C				
				LS - cream, mst med xin; argillaceous ip; abdt chalky; poorty dev pors; trace cherty - wht	
				vitreous w/ sm dolo weath	
	С			LS - crm ltgrey, fn to med xin; re-xin ip; argil to cha lky inmost; sm gils str; abot lcose chalk; shaley - ltgry silty - foss	
	3700			LS - mst crm, fn to med xin, argill ip; trans shaley, tracecherty - It grey, foss & vitreous, no	3700
				odor, ns	
	c				
		King Hill		SH - flood dk brown to black, earthy & organic; carb; abdt chalky white limestone	
		3724' (-1698')			
				LS - cream , mst med xin w/ fair to good vis xin pors; barren, abdt loose white chalk; no	
				odor;ns;(10%) black sha lea sa bove remains)	
	C	$\boldsymbol{\lambda}$			
	3750		-	LS - cream to wht, fn to med xir; abdt chalky matrix, some gils stnip; oa poor vis pors, mst chalky, sm shaley; noodor; ns ; nare trace black carb shale	3750
					Geo On Location
	с			LS - crm it grey, fn to med xin; poor dev xin pors, foss ip, tro cherty; abdt gry shale & chalk	
		\$			
		<u>{</u>		LS - crm to It grey, sm tan, fn to med xin, argilla ce cus in part; sm foss; a bdt chalk remains	
	3800			on to to group on the most and and a gnate wont part, on 1055, a WLCTRIKTERIAIRS	
		0 ROP (min/ft) 10 Gas (units) 50			
	C				
				LS - crm it grey, fn to med xin; fossw/sm visfracs, gils st nip; a rgillaceous, poor de v pors; si dense; ~ 20% shale, grey silty	
				LS - crm to It grey, sm tan, fn to med xin, argilla ce cus in part; sm foss; a bdt chalk remains	
	С				
	3850				
				LS - mst white, sm crm, fine to med xln; fair to good vis xln pors; gd friab, barren; ns - flood gummy wht chalk	
	С				
				LS - flood white to crm, mst md xlr; 50% chalk; sm mottled shale - grey green, silty	
			1		
					-
	3900				
	3900 C			LS - white, mst med xIn; fair to good vis xIn pors; abdt chalk - sm SH - dk brown to black, earthy, carb- show gas	
				LS - white, mst med xin; fair to good vis xin pors; abdt chalk - sm SH - dk brown to black, earthy, carb- show gas	
				LS - white, mst med xin; fair to good vis xin pors; abdt chalk - sm SH - dk brown to black, earthy, carb- show gas SH - flood grey, dark brown & black, earthy & org carb, bleeds gas	
			*	earthy, carb-show gas	
				earthy, carb-show gas	
		Heebner 3940'	*	earthy, carb-show gas SH - flood grey, dark brown & black, earthy & org. carb, bleeds gas	-3900
	С	Heebner 3940'		earthy, carb-show gas SH - flood grey, dark brown & black, earthy & org.carb, bleeds gas SH - abdt brown - earthy; & LS - cream to gry, fn to med xin, foss; title	
	С	Heetner 3940'	*	earthy, carb-show gas SH - flood grey, dark brown & black, earthy & org. carb, bleeds gas	
	c	Heebner 3940'		earthy, carb-show gas SH - flood grey, dark brown & black, earthy & org.carb, bleeds gas SH - abdt brown - earthy; & LS - cream to gry, fn to med xin, foss; title	



QUALITY WELL SERVICE, INC.

Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124

Mailing Address P.O. Box 468

Office 620-727-3410 Fax 620-672-3663

Rich's Cell 620-727-3409 Brady's Cell 620-727-6964

	Sec. Twp.	Range		County	State	On Location	Finish
Date 9-5-20	32 295	150	1 Ha	OTT	K		
Lease LYN	Well No.	41	Locatio	on AWY :	54 - 140 - M S	70 110th ST	
Contractor MURFIN	Dela Zi	6+114		Owner 3/	4 E Sinto		
Type Job 51/2 LS.				To Quality We	ell Service, Inc.	cementing equipmer	it and furnish
Hole Size 778	T.D.	48591		cementer an	d helper to assist owr	ner or contractor to d	o work as listed.
<u>csg. 51/2 153</u>	Depth	4848'	-	Charge To	effin		
Tbg. Size	Depth		•	Street		·····	
Tool	Depth			City	······································	State	
Cement Left in Csg. 9.6	Shoe J			The above wa	s done to satisfaction an	d supervision of owner	agent or contractor.
Meas Line	Displac	<u>e 115.15</u>	•	Cement Amo	ount Ordered 200	SI PROC 2	1. GEL
				10%.SAN 5	Sty Kolseal b	1. CIGA .25% 0	(418 1/4"/3 PJ
Pumptrk 😌 No				Common 🍃	200 5		
Bulktrk 15 No.				Poz. Mix		•	
Bulktrk No.				Gel. 37	6#		
Pickup No.				Calcium			
JOB SER	VICES & REMA	RKS		Hulls			
Rat Hole 30 54				Salt //O	1 50		
Mouse Hole Zo Sc				Flowseal	50#		
Centralizers /-2-3-	4.5-6	7		Kol-Seal	000		
Baskets				Mud CLR 48	500 Gal		
D/V or Port Collar				CFL-117 or (CD110 CAF 38 C/1	0A 1128#	
Run 123 - H 5 54	2 15.5 0	6 SET 04	1846	Sand CC-1	7 GAL	CAIP 47"	- <u></u>
START CSG CSG ON	Botton	F TAG		Handling $,2$	46		
tokup to CIG & BZ	otin Wh	16 DROP 1	Cize I	Mileage 25	51 6150		
STAT POMONA 10BD	15H20 12 Back	MF DBBB	H23	51	L FLOAT EQUIPME	INT	
STAG Mix! Romp 5	DSE Plub	EM Hot	3	Guide Shore	HiM IEA		
START MIXE PSM	150x J C	SG 2 148	WGAL	Centralizer	7 EA		
Strut pain WASH	JP Ter	RELEASE S	12 L K	Baskets			
START Disn w/ =	27. KCL	•		AFU Inserts			<u>Unit, j.,</u>
Lift PS 98 at	· 650 *			Float Shoe			<u></u>
PLUE DOWNS 115	.5 110	4 0		Latch Down	I EA		
PS + CSG 1600			SERVICE	E SUDV 1	EA		
RELEASE # HELO	<u>bck</u>		Linv	25			
Good cipe the			Pumptrk Cha	rge LS		<u> </u>	
THANK			Mileage 5	0			
PLEASE CO.II	AGAIN					Tax	-
TODD MART	COREY					Discount	
X Signature	~					Total Charge	
							Taylor Printing Inc.

QUAL Y WELL SERVICE, INC. Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124

Mailing Address P.O. Box 468

Office 620-727-3410 Fax 620-672-3663

Rich's Cell 620-727-3409 Brady's Cell 620-727-6964

	Sec.	Twp.	Range		County	State	On Location	Finish
Date 8.31-20	32	295	15W	PRATT		Kc		
Lease LYIV Well No. 4/ Locat					ion HWY 541 HOTHAVE S. to 110th ST			
Contractor MURFIN Rig 4/14					Owner 3/4 E SINTO			
Type Job SUPFACE					To Quality Well Service, Inc. - You are hereby requested to rent cementing equipment and furnish			
Hole Size 12/9 T.D. 265'					cementer and helper to assist owner or contractor to do work as listed.			
<u>Csg. 3518 23</u>	Depth 265			Charge Griffial				
Tbg. Size Depth					Street			
Tool Depth					City State			
Sement Left in Csg. Shoe Joint 20				The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line		Displace	e 15.7		Cement Amo	unt Ordered 27	5 5x Commo	J
EQUIPMENT					21/12(31/11/2"PS			
Pumptrk & No.	, ÷				Common 🔿	75 5.	•	
Bulktrk /5 No.				Poz. Mix				
Bulktrk No.				Gel. 517 H				
Pickup No.					Calcium 776			
JOB SERVICES & REMARKS					Hulls			
Rat Hole					Salt			
Mouse Hole					Flowseal 137.5 H			
Centralizers					Kol-Seal			· ·
Baskets					Mud CLR 48			
D/V or Port Collar					CFL-117 or CD110 CAF 38			
Run 6+1; 87823" (SG SEF) 265'					Sand		-	
CSG DXI Botton Hosky to CSG					Handling 295			
BREAK CIEL WIRIG					Mileage 25/ 7375			
START BINDING HD 56/1 H23					37/6 FLOAT EQUIPMENT			
STARTMIK: PSM) 2755 (SMMON					Guide Shoe 17. M IEA			
Z1/ GL31. (L1/2"PS) 14.84/GL					Centralizer	35/8 WODEN	PLG IEA	
SHIT DOWN RELEASE B5/5 WP					Baskets		······································	
STAG DISP					AFU Inserts			
Plucebayry 15.7 Bull out					Float Shoe			
CLOSE VOLUE ON CSG					Latch Down			
Song ciec they ID3					SERVICE SON / EA			
CIEC CATT TO PET					LMV ZS			
						ge Sulface		•
THANKY	01				Mileage 50			· · · · · · · · · · · · · · · · · · ·
PIEPISTS (A	11 Be	-AIK	J				Tax	
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X Signature							Total Charge	
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