

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 # _____

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

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 #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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
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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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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: <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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	BROOKLYN #1
Doc ID	1707414

Tops

Name	Top	Datum
Heebner	3926	-1927
Brown Lime	4091	-2093
Lansing	4109	-2110
Stark	4412	-2413
B/KC	4499	-2500
Pawnee	4570	-2571
Cherokee	4605	-2606
Viola	4660	-2661
Simpson	4820	-2821

Griffin Management, LLC
Brooklyn #1

12/19/22

Murfin Rig 104

Started laying down drill pipe @ 2:30 pm

Ran 116 joints of new 5 ½" 15.5# casing totaling
4,914.41'. **PBTD: 4,907'**. RU to break circulation for one
hour.

RU Quality Well Service and cemented with 175 sks Pro C
cement with 10% salt, 2% gel and 6# Koseal.

Plug down and held at 10:00 pm.

Plug rathole with 30 sks cement.

Release rig.

1/3/23

RU Log-Tech to run CBL/GR

LTD: 4,901'

Top of Cement: 3,240'

Bond: Good

1/5/23

B&R Roustabout hauled and unloaded 152 jts of 2-7/8" tubing from GM Cromer Yard inventory

01/17/2023

MIRU CCOS Rig #3 shut down

01/17/2023

RU Log tech to perforate Viola 4702-4720

TIH W\ 5.5 model R packer and tubing spot acid at 4725' treat at 4628' 1500 gls 15% MCA 35 Balls 1200 psi to establish rate treated at 2.6 Bpm 1000-1100 psi ISIP-850 PSI Load 78 bbls. 15min-620 psi bled back to truck 8bbls RU to swab back

1-Fl surface pull 1200' water

2-Fl 800' pull from 2000' rec 1200' water

3-Fl 1200' pull from 2200' rec 1050' acid water

4-Fl 1600' pull from 2600' rec 1250' bucket top oil rec 27bbls

5-Fl 1650' pull from 2600' rec 900' 8% oil

6-Fl 2200' pull from 4000' rec 1200' gas cut fluid 36% oil

7-Fl 3200' pull from 4200' rec 750' 38% oil

8-Fl 4100' pull from SN Rec 500' 54% oil rec 16.87 bbls for hour

Pop bypass on packer equalize RU swab

FL-2000' swab down to 4250' 16% oil rec 11.25bbls shut in well

01/18/2023

SITP- blow down to tank. RU swab

1-FL 2700' pull from 3700' REC 900' fluid 850' free oil

2-FL 3700' pull from SN REC 900' trace oil

3-FL 4200' pull from SN REC 350' 8% oil

4-FL 4350' pull from SN REC 200' 5% oil recovered 15.75 bbls

5-FL 4350' pull from SN rec 175' 42% oil

Release packer run in knock balls off RU up swab to swab down Swab well down to 4200' Shut Down to Windy

01/19/2023

TOH W/ Tubing and packer shut in for frac

01/20/2023

RU Gore N2 to frac down casing W/

24 bbls Acid

3480 bbls slickwater

61574 LBS 20/40 sand

8014 LBS 20/40 RC

1269000 scf nitrogen

Total load 3504 bbls
Avg rate 48.7 BPM
Avg pressure 2022 psi
Max pressure 2236 psi
ISIP-1862 psi
15 min- 1606 psi
RU flow back line SD

01/21/2023

SICP-2000 psi open up to flow back on a 15/64" choke
fluid to surface in 1.5 hrs set to flow back 25-30
bbls/hour flowed back 98 bbls started to get a 1-2% oil
cut. Flowed back 254 bbls total for day 16% oil cut left
flow overnight to 2 tanks

01/22/2023

Well surging made 155 bbl overnight 20-25% oil flowed
back total of 409.5 bbls opened up to full choke.

01/23/2023

Well was dead break off frac valve to run in production

Tubing

148x2-7/8" tubing 4778.47' jt avg 32.29

SN

20'x2-7/8MA

Pump and Rods

2-1/2"x2x18' SVFOC hollow rod

2'x7/8 pony on pump W/ No tap tool

9x1-1/2" Sinker bars

100x3/4" Rods

80x7/8" rods

4'x7/8" pony

26'x1-1/4" PR 14'x1-1/2" HF liner

Long stroke fluid to surface held 500 psi clamp off
polished rod rig down

Setting pumping unit and tank battery tomorrow

QUALITY WELL SERVICE, INC.

8190

Federal Tax I.D. # 481187368

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

Mailing Address P.O. Box 468

Office 620-786-6992

Fax 620-672-3663

Todd's Cell 620-388-4967

Brady's Cell 620-727-6964

Date	12-13-22	Sec. 6	Twp. 30S	Range 15W	County BACHEL	State KI	On Location	Finish
Lease	Brooklyn		Well No. 1	Location				
Contractor	Martin DUG D.C. 104				Owner			
Type Job	SURFACE				To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size	12 1/4	T.D.	260'		Charge To			
Csg.	85/8 23'	Depth	260'		Griffin			
Tbg. Size		Depth			Street			
Tool		Depth			City State			
Cement Left in Csg.		Shoe Joint	20		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace	15.4		Cement Amount Ordered 290 & Common			
EQUIPMENT					2 1/2" CEL 3 1/2" (1 1/2" PS) USE 2005			
Pumptrk	9	No.			Common 2005			
Bulktrk	15	No.			Poz. Mix			
Bulktrk		No.			Gel. 376+			
Pickup		No.			Calcium 564+			
JOB SERVICES & REMARKS					Hulls			
Rat Hole					Salt			
Mouse Hole					Flowseal 100"			
Centralizers					Kol-Seal			
Baskets					Mud CLR 48			
D/V or Port Collar					CFL-117 or CD110 CAF 38			
Run bot's 85/8 23' CSG SET @ 260'					Sand			
START CSG CSG on bottom					Handling 217			
Hook up to Csg & BREAK (1/2" w/air)					Mileage 25 / 5425			
START Pumping H ₂ O					FLOAT EQUIPMENT			
START MIX @ Pump 200 & Common					Guide Shoe			
2 1/2" CEL 3 1/2" (1 1/2" PS) 14.3" / GAL					Centralizer			
START Diso					Baskets			
Plx. Down					AFU Inserts			
CLOSE VALVE on Csg					Float Shoe			
Good Circ th ₂ O JOB					Latch Down			
C.C. CUT TO PET					SERVICE GRN 1 EA			
					LNU 25'			
					Pumptrk Charge SURFACE			
					Mileage 50			
THANK YOU PLEASE CALL AGAIN TOM NIKO HADSON					Tax			
					Discount			
					Total Charge			
Signature								

QUALITY WELL SERVICE, INC.

8195

Federal Tax I.D. # 481187368

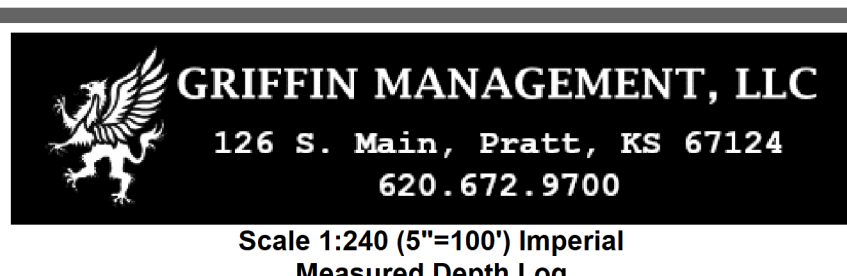
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Brady's Cell 620-727-6964

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-19-22	6	30S	15W	BARBER	Ks		
Lease	BROOKLYN		Well No.	1			
Contractor	MUEFFIN DRILL R.G. # 104			Owner			
Type Job	LS			To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size	7 7/8		T.D.	4911			
Csg.	5 1/2 15.5"		Depth	4914			
Tbg. Size			Depth	Charge To			
Tool			Depth	Griffin			
Cement Left in Csg.			Shoe Joint	7.19			
Meas Line			Displace	116.73			
EQUIPMENT				5 1/2 x KOBEAL .6% C16A .25/CALP 25"/S PS			
Pumptrk	8	No.		Common 175 x			
Bulktrk	10	No.		Poz. Mix			
Bulktrk		No.		Gel. 329"			
Pickup		No.		Calcium			
JOB SERVICES & REMARKS				Hulls			
Rat Hole	30 x			Salt 964"			
Mouse Hole				Flowseal 44"			
Centralizers	1-2-3-4-5-6-7			Kol-Seal 875"			
Baskets				Mud CLR 48 500 GAL			
D/V or Port Collar				CFL-117 or CD110 CAF 38 C16A 99"			
Run 116 #1's 5 1/2 15.5" CSG SET 4906				Sand CC-1 9 GAL CALP 41"			
START CSG CSG on Bottom TAK DEEP BALL				Handling 217			
Hook up to CSG & Break circ w/ RIG				Mileage 25 / 5425			
START PUMPING 10 BBL/HR 12 BBL/HR 10 BBL/HR				FLOAT EQUIPMENT			
START PLSH D-HOLE 30 x				Guide Shoe H E M 1 EA			
START mix + Pump 145 x Pro C & CSG @ 148"/GAL				Centralizer 7 EA			
START DISP W/ 2% KLL				Baskets			
LIFT PS 101 out 550'				AFU Inserts			
PLOG DOWN 17 1/2 1200'				Float Shoe			
Pump CSG 1700'				Latch Down 1 EA			
RELEASE HELD 1/2 BALL BACK				SERVICE Spv 1 EA			
GOOD circ then JOB				LMV 25			
				Pumptrk Charge LS			
				Mileage 50			
				Tax			
				Discount			
				Total Charge			
+ Thank you PLEASE CALL AGAIN TODAY MIKE BRADY Signature: <i>[Signature]</i>							



126 S. Main, Pratt, KS 67124

620. 672. 9700

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

Well Name: Brooklyn #1
API: 15-007-24459
Location: T30S R15W Sec 15
License Number: 33936
Spud Date: 12/14/2022
Surface Coordinates: 1750' FNL & 355' FEL
Region: Barber County, KS
Drilling Completed: 12/18/2022

Bottom Hole Coordinates: Vertical Wellbore
Ground Elevation (ft): 1994'
Logged Interval (ft): 3800'
Formation: Ordovician @ RTD
Type of Drilling Fluid: Mud-Co. Chemical Drispac - Displaced @ 2800-36' w/ 700 bbls

OPERATOR

Company: Griffin Management, LLC
Address: 126 S. Main Pratt, KS 67124

GEOLOGIST

Name: Eli J. Felts
Company: Griffin Management, LLC
Address: 126 S. Main Pratt, KS 67124

Drilling Report

12/14/2022 MIRU & SPUD @ 6 PM
12/15/2022 WOC @ 260'
12/16/2022 Drilling @ 2228'
12/17/2022 Drilling @ 3475'
12/18/2022 Drilling @ 4676' RTD @ 4911' - 6:30 PM
12/19/2022 MW Wireline Start Logs @ 3:45 AM Run Casing - Plug Down @ 8 PM
12/20/2022 Released Rig 12 AM

Problems

Displaced 2800-2836' in 1 Hour w/ 700 BBLs. Short Trip (68) Stands @4911'

Pipe Setting

8.625" Surface Casing Set @ 260' w/ 200 sxs. Common
7.875" Production Casing Set @ 4906' w/ 145 sxs. Pro C

Main log table with columns: Lithology, MD, Rate of Penetration (ROP/Gas), Geological Descriptions, DSTs/Mud/Surveys, etc. Includes stratigraphic units like Heebner Shale, Brown Lime, Lansing, Stark Shale, Cherokee Shale, and Simpson 2.