

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 Recompletion Date \_\_\_\_\_ 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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# QUALITY WELL SERVICE, INC.

8158

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	0-16-22	Sec.	8	Twp.	30S	Range	15W	County	Barber	State	Ks	On Location	Finish
Lease	WHITLEY	Well No.	4	Location									
Contractor	MURFIN	D/G R/G #104											
Type Job	SURFACE	Owner 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 Griffin									
Csg.	85/8 23"	Depth	259	Tbg. Size {									
Tool		Depth		Street									
Cement Left in Csg.		Shoe Joint	20	City									
Meas Line		Displace	15.3	State									
EQUIPMENT				The above was done to satisfaction and supervision of owner agent or contractor.									
Pumptrk	8	No.		Cement Amount Ordered 4000 Common									
Bulktrk	12	No.		2 1/2 GAL 3% CC 1/2" PS USED 2005									
Bulktrk		No.		Common 2005									
Pickup		No.		Poz. Mix									
JOB SERVICES & REMARKS				Gel. 376#									
Rat Hole				Calcium 564#									
Mouse Hole				Hulls									
Centralizers				Salt									
Baskets				Flowseal 100#									
D/V or Port Collar				Kol-Seal									
				Mud CLR 48									
				CFL-117 or CD110 CAF 38									
				Sand									
				Handling 217									
				Mileage 25/5425									
				FLOAT EQUIPMENT									
				Guide Shoe									
				Centralizer									
				Baskets									
				AFU Inserts									
				Float Shoe									
				Latch Down									
				SERVICE SUP 1 EA									
				LMV 25									
				Pumptrk Charge SURFACE									
				Mileage 50									
I THANK YOU PLEASE CALL AGAIN TODD MIKE BRYAN												Tax	
Signature												Discount	
												Total Charge	

# QUALITY WELL SERVICE, INC.

8160

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	Sec.	Twp.	Range	County	State	On Location	Finish
11-21-22	8	30S	15W	Barber	Ks		
Lease WHTLEY		Well No. 4		Location			
Contractor Murfin Del G R.G.#104				Owner			
Type Job 5 1/2 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. 4875		Charge To Griffin			
Csg. 5 1/2 15.5"		Depth 4873		Street			
Tbg. Size		Depth		City State			
Tool		Depth		City State			
Cement Left in Csg.		Shoe Joint 6.95		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace 115.75		Cement Amount Ordered 175 GAL 2 1/2 GAL 100 GAL			
<b>EQUIPMENT</b>				5 1/2 X 15.5" .6% C16A 25% C4IP 25% PS			
Pumptrk 8	No.			Common 175 GAL			
Bulktrk 10	No.			Poz. Mix			
Bulktrk	No.			Gel. 329*			
Pickup	No.			Calcium			
<b>JOB SERVICES &amp; REMARKS</b>				Hulls			
Rat Hole 304				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 115 ft 5 1/2 15.5" CSG SET				Sand CC-1 9 GAL C4IP 41*			
START CSG CSG ON BOTTOM TAG DROP BALL				Handling 217			
Hook up to CSG & BREAK CIRC W/ RIG				Mileage 25/3425			
START Pumping 12 Bbls H2O 12 Bbls MF D Bbls H2O				<b>FLOAT EQUIPMENT</b>			
START Plug B-H 304				Guide Shoe H/M 1 EA			
START mix Pump 145 GAL Proc + CSG 14.8" GAL				Centralizer 7 EA			
SHUT DOWN Wash up + tk RELEASE 5 1/2 LD Plug				Baskets			
START Disp 2 1/2 VLL				AFU Inserts			
LIFT PST 100 Bbls at 550'				Float Shoe 1 EA			
Plug DOWN 116 Bbls at 1200'				Latch Down 1 EA			
Pump on CSG 1700'				SERVICE Supr 1 EA			
RELEASE & HOLD 1/2 Bbl BACK				LMV 25			
Good Circ thru JOB				Pumptrk Charge LS			
Thank you				Mileage 50			
PLEASE CALL AGAIN				Tax			
TODD MIKE BRADY							
Signature				Discount			
				Total Charge			

Whitley 4  
Griffin Management LLC

11/21/22

MURFIN RIG # 104

LTD: 4,875'

Shoe Jt: 6.95'

Start Logging @ 8:00 pm. Start running casing @ 7:30 am . Ran 115 joints of NEW, 15.5# 5 ½" Casing totaling: 4,873'. **PBTD: 4,866.05'**.

RU and break circulation for one hour. Good Circulation thru entire job.

RU QUALITY WELL SERVICE and cemented with 145 sks Pro C cement with 10 % salt, 2 % gel and 6# Koseal.

Plug down and held @ 12:00 pm.

Plug rathole with 30 sks cement.

Released rig.

11/28/22

RU CCWS Rig #2

RU Log-Tech to run GR/CBL

LTD: 4862'

Top of Cement: 3418'

Bond: Good

RD logging tool and RU perforating gun

Perforated 4670'-4680' 3 SPF

RD Log-Tech and PU packer and 143 jts of 2 7/8" tubing. Set packer at 4624'.

RU to swab:

1<sup>st</sup> run FL @ 300'. Pulled from 1500'. Water.

2<sup>nd</sup> run FL @ 1500'. Pulled from 2500'. Water.

3<sup>rd</sup> run FL @ 2500'. Pulled from 3500'. Water.

4<sup>th</sup> run FL @ 3500'. Pulled from SN. Water.

5<sup>th</sup> run no fluid

Swabbed back 31.5 bbl in last hour

Wait 30 minutes. Run was dry. SDFN.

11/29/22

RU to swab

No fluid in the hole

RD swab. RU Pro-Stim and spot acid @ 4688'.

(28.0 bbl circulating spot)

Pull 3 jts and treat @ 4593' (142 jts) 28.7 bbl to clear perfs.

Breakdown: 100#

Treated: 3 bpm 300#

Average Rate: 3 bpm

Average Treating Pressure: 350#

ISIP: 100#

Vacuum in 35 seconds

RU to swab

1<sup>st</sup> run FL @ 500'. Pulled from 1700'. Water.

2<sup>nd</sup> run FL @ 1500'. Pulled from 2600'. Water.

3<sup>rd</sup> run FL @ 2200'. Pulled from 3400'. Water.

4<sup>th</sup> run FL @ 2500'. Pulled from 3600'. Water.

5<sup>th</sup> run pulled from SN. Acid water. Show of oil.

Swabbed back 27 bbl in last hour

6<sup>th</sup> run FL @ 3500'. Pulled from SN. Rec 1100'. Trace of oil.

7<sup>th</sup> run FL @ 4100'. Pulled from SN. Rec 500'. Trace of oil.

8<sup>th</sup> run FL @ 4300'. Pulled from SN. Rec 300'. 13% OC.

Swabbed back 13.5 bbl in last hour. Total 40.5 bbl.

1<sup>st</sup> run FL @ 4300'. Rec 300'. 11% OC.

2<sup>nd</sup> run FL @ 4300'. Rec 300'. 5% OC.

3<sup>rd</sup> run FL @ 4300'. Rec 300'. 16% OC.

4<sup>th</sup> run FL @ 4400'. Rec 200'. 10% OC.

Swabbed back 6.75 bbl in last hour. Total 47.25 bbl.

1<sup>st</sup> run FL @ 4400'. Rec 200'. 18% OC.

2<sup>nd</sup> run FL @ 4400'. Rec 200'. 13% OC.

3<sup>rd</sup> run FL @ 4400'. Rec 200'. 10% OC.

4<sup>th</sup> run FL @ 4400'. Rec 200'. 13% OC.

Swabbed back 6.75 bbl in last hour. Total 54 bbl.

1<sup>st</sup> run FL @ 4400'. Rec 200'. 18% OC.

Release packer and knock balls off perms

1<sup>st</sup> run FL @ 3100'. Rec 1000'. 9% OC.

2<sup>nd</sup> run FL @ 3600'. Rec 1000'. Trace of oil.

3<sup>rd</sup> run FL @ 3900'. Rec 700'. Trace of oil.

4<sup>th</sup> run FL @ 4100'. Rec 500'. Trace of oil.

Swabbed back 13.5 bbl in last hour. Total 67.5 bbl.

1<sup>st</sup> run FL @ 4100'. Rec 500'. Trace of oil.

2<sup>nd</sup> run FL @ 4300'. Rec 300'. Trace of oil.

3<sup>rd</sup> run FL @ 4300'. Rec 300'. Trace of oil.

4<sup>th</sup> run FL @ 4300'. Rec 300'. Trace of oil.

Swabbed back 9 bbl in last hour. Total 76.5 bbl.

1<sup>st</sup> run FL @ 4300'. Rec 300'. Trace of oil.

2<sup>nd</sup> run FL @ 4300'. Rec 300'. TOB OC.

Swabbed back 2.35 bbl. Total 78.85 bbl after acid.

SDFN



**GRIFIN MANAGEMENT, LLC**  
 126 S. Main, Pratt, KS 67124  
 620. 672. 9700

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

Well Name: Whitley #4  
 API: 15-007-24452  
 Location: T30S R15W Sec 8, NW SW NW NE  
 License Number: 33936  
 Spud Date: 11/15/2022  
 Surface Coordinates: Lat: 37.453848 Long: -98.984396  
 Bottom Hole: Vertical Wellbore  
 Coordinates:  
 Ground Elevation (ft): 1936' K.B. Elevation (ft): 1941'  
 Logged Interval (ft): 3800' To: RTD Total Depth (ft): 4875'  
 Formation: @ RTD  
 Type of Drilling Fluid: Mud-Co. Chemical Drispac - Displaced 2801'-32'  
 Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

**OPERATOR**

Company: Griffin Management, LLC  
 Address: 126 S. Main  
 Pratt, KS 67124-0347

**GEOLOGIST**

Name: Eli J. Felts  
 Company: Griffin Management, LLC  
 Address: efelts@griffinmgmt.com  
 316.765.4070

**Drilling Report**

Murfin Rig #104  
 Tool Pusher: James Mayfield  
 11/15/2022  
 Spud @ 7:00 PM  
 11/16/2022  
 WOC @ 260'  
 11/17/2022  
 Drilling @ 1940'  
 11/18/2022  
 Drilling @ 3023'  
 11/19/2022  
 Drilling @ 4080'  
 11/20/2022  
 Drilling @ 4820'  
 RTD @ 11 AM  
 MW OH Log 9:15 PM to 12:45 AM  
 11/21/2022  
 Run Casing - Plug Down @ 12:30 PM  
 Released Rig @ 4:30 PM

**Problems**

No Significant Problems  
 Short Trip 67' Stands @ RTD

**Pipe Setting**

8.625" 23# Set @ 260' w/ 200 sxs.  
 5.5" 15.5# Set @ 4873' w/ 145 sxs

