

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

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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# Griffin Management LLC

## Madelyn 2

7/16/24

Move on and rigged up. Started drilling cement at 5 pm. Drilled top surface top. PU 12 drill collars. Started picking up drill pipe. Tagged 2<sup>nd</sup> cement plug at 524'. Drilled cement to 937' (413'). Bottom of 8 5/8" surface casing at 984'. We had 47' open in casing. PU and reamed down to 1020'. We had hard drilling to 1037'. Open hole. Added a premix to clean hole better. Drilled and reamed to 1266'. Was able to set back kelly and run in 5 jts at a time before picking kelly up and circualte hole clean.

7/17/24

Washing down and reaming hole at 1266'

7:00 pm washing and reamed to 4580' (old TD) circulated hole clean. TOOH. Mixed good drill mud to displace old mud. TIH with old PDC bit.

7/18/24

DEPTH 4580' displacing mud. Circulated all old gassy mud clean and started drilling new hole at 9:30 am.

7/19/24

DEPTH 4776' TD

TIH with drill pipe. Circulated 1 hr. LD drill pipe. Started running casing at 10:45 am.

Run in 120) 5 ½” 17# Total length 4878’

Landed casing at 4876’ with rig’s 5 ½”

Landing jt. PBTD 4869’

RU QUALITY Cementer

Pumped 175 sks Pro C cement with 10% salt ,2 % gel and 5# Koseal. Plug down at 6:45 pm

Pumped 30 sks cement down rathole, RD drilling rig.

Will move drilling rig on Monday

7/22/24

Murfin moving drilling rig off location.

7/23/24

RU CCWS rig 1.

RU Log Tech. Ran CBL/GR log. RD Log Tech.  
Secured rig and SD. ( perforate tomorrow).

7/24/24

RU Log TECH and perforated

4622'-4634' 2 spft

4590'-4600' 2 spft

RD Log Tech. Unload tubing. PU packer and  
143 jts 2 7/8"+ 14' subs(4635'). RU TIGER and  
circulated spot to bottom. LD 3 jts plus 14'  
subs and set packer at 4524' (140)

Tiger treated with 2000 gals 15% MCA acid and 28.5 bbls KCL FLUSH water.

Breakdown 1000#. Treated 4.5 bpm at 700#

ISIP 100#. Vacuum in 1 min. RU to swab

IFL 800'

1<sup>st</sup> hr FL 3000' swabbed 27 bbls TOB

2<sup>nd</sup> hr FL 3500' swabbed 23 bbls 20% OC

3<sup>rd</sup> hr FL 4000' swabbed 24 bbls 22% OC

Pop bypass and swabbed 12 bbls

Shut in well and secured rig.

7/25/24

TP 100# PU swab to tubing swab. IFL 2400'

1<sup>st</sup> swab recovered 1000' (100' oil on top) with 22% OC. LD swab. R/O to pull tubing.

PU 4 jts to scrape perf balls off perforations.



Released acker and TIH with packer. LD packer. PU mud anchor, seating nipple and tubing. Tubing string as follows

- |      |                |          |
|------|----------------|----------|
| 1)   | Mud anchor     | 15.00'   |
| 1)   | seating nipple | 1.10'    |
| 145) | jts 2 7/8"     | 4692.20' |

BOT landed at 4708.30' R/O to pick up pump and rods as follows:

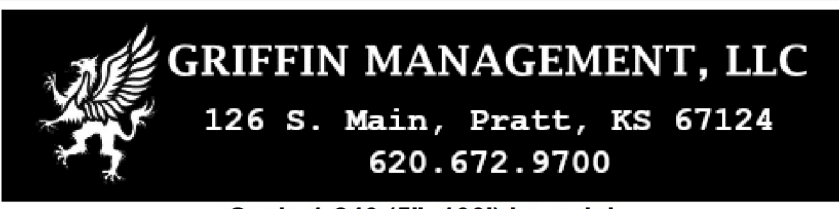
- |      |                            |
|------|----------------------------|
| 1)   | 2 1/2" x 2" x 18' rwb pump |
| 1)   | 2' x 7/8" pony             |
| 9)   | sinker bars                |
| 176) | 7/8" rods                  |
| 1)   | 8' x 7/8" pony rod         |
| 1)   | 26' polished rod           |

Loaded hole, pressured up to 700#  
RD.

11/11/24

RU CCWS rig 1

Blowed well down. Unseat pump.



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

Well Name: Madelyn #2  
 API: 15-007-21982-0001  
 Location: T30S R15W Sec 16  
 License Number: 33936  
 Spud Date: 7/16/2024  
 Surface Coordinates: 324' FSL & 973' FEL  
 Region: Barber County, KS  
 Drilling Completed: 7/18/2024

Bottom Hole Vertical Wellbore  
 Coordinates:  
 Ground Elevation (ft): 1876' K.B. Elevation (ft): 1881'  
 Logged Interval (ft): 4580' To: 4878' Total Depth (ft): 4878'  
 Formation: Ordovician (Arbuckle) @ RTD  
 Type of Drilling Fluid: Mud-Co. Chemical Drispac

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

GEOLOGIST

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

Drilling Report

Lithology	MD	Rate of Penetration ROP (min/ft) Gas (units)	Geological Descriptions	DSTs/Mud/Surveys, etc.
	4700	ROP (min/ft) 0-5 Gas (units) 0-3000		7/17/24 Washing down and reaming hole at 1266' 7:00 pm washing and reamed to 4580' (old TD) circulated hole clean. TOOH. Mixed good drill mud to displace old mud. TH with old PDC bit.
	4600	Cherokee Shale (reference)		4500
	4550			4550
	4600	Original Well RTD	*Poor Samples	7/18/24 DEPTH 4580' displacing mud. Circulated all old gassy mud clean and started drilling new hole at 9:30 am.
	4600	ROP (min/ft) 0-5 Gas (units) 0-3000	60" poor samples remains 95% shale cavings; few traces fine CH & Dolomite; CH - bone white; vitreous sharp & dense; staining along edges; dolomite fine pcs sucrosic; sl chalky fair vis poros in some; pulverized	4600
	4650		* Samples continue with abdt shale cavings and trashy leftovers; where possible; fresh samples described. Dolomite - cream to buff, fn xln sucrosic in most w sm med xln; good vis xln pors & sm sl dissolution/re-xln devel; scattered partial staining w/surface show in few; fair -gd friab break w show lt bm-gld free oil (pp-scattered) good yellow fluor w/ fair-gd cup odor	4650
	4676' (-2795')	Simpson Shale	SH - dark green silty to partly sandy; smooth waxy txture in some w/ soft to sl brittle break; mostly dark blue-green, Simpson Type shale	4700
	4700			4700
	4750	simpsand	SS - clr to white clusters & some lt grey; med grained sb md to sl anglr qtz; clear to sl frosted grains & some dark sb md inclusions; tightly cemented w/poor friability; barren crush; no odor, ns	4750
	4750		SH - turquoise green, some med to dark grey, fine to v. fine silty slick semi-shiny surface ip; v. well compacted w/ visible layers; sl slippery on break; block chips stepped edges	4750
	4761' (-2880')	Arbuckle	Dolomite - cream to buff, fn to v. fine xln w/ smooth txture overall w/ no visible porosity; well cemented, v. dense break; lithographic	4800
	4800		Dolomite - abdt clean "pure" dolomite & some transitional limey & CH; cream to lt grey, fine xln sucrosic in most w/ few med xln; some imbedded CH in part appears in few pcs w/ oolitic foss w/ CH replacement; semi-translucent in some; dense overall; well compacted; poor vis porosity; no odor, no shows	4800
	4850		Dolomite - cream to lt tan, fn xln w/ sl sucrosic txture in some; fair vis xln porosity w/ soft friability; cherty stringers remain in some w/ translucent oolitic foss incls; lithographic oa w/ no odor, ns	4850
	4850		Dolomite - cream, fn xln in most w/ granular, fossiliferous & some sandy appearance txtures ip	4850
	4878'	RTD	Dol - crm to lt grey, fine xln sucrosic; oolitic CH in part remains; oa fair-good vis pors; barren to sl chalky break; no odor, ns	4878'

# QUALITY WELL SERVICE, INC.

8592

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	7-19-24	Sec.	16	Twp.	30S	Range	15W	County	Barber	State	Ks	On Location	Finish	
Lease	MADEN	Well No.	#2 OWWU		Location									
Contractor	Mortin Dole 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	B	T.D. 4378 L 4376		Charge To									
Csg.	5 1/2 17"	Depth		4382		Griffin								
Tbg. Size	Depth		Street											
Tool	Depth		City State											
Cement Left in Csg.	Shoe Joint		6.50		The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line	Displace		113 Bbl		Cement Amount Ordered 205 & Pro L 21 GEL 10% SALT									
<b>EQUIPMENT</b>												5 1/2 K-Seal .6% C16A .25% C41P 25% 1/2		
Pumptrk	3	No.			Common									205
Bulktrk	10	No.			Poz. Mix									
Bulktrk		No.			Gel.									385 lbs
Pickup		No.			Calcium									
<b>JOB SERVICES &amp; REMARKS</b>												Hulls		
Rat Hole	30sx				Salt									1129 lbs
Mouse Hole					Flowseal									
Centralizers	1-2-3-4-5-6-7				Kol-Seal									1025 lbs
Baskets					Mud-GER-48									500 GAL
D/V or Port Collar	V450				GFL-117 or CD110 CAF-38									C16A 116 lbs
Run 120 ft 5 1/2 17" CSG SET @ 4875												Sand CC-1 9 GAL C41P 43 lbs		
START CSG CS6 on Bottom TAG												Handling		276
DROP Ball Hook up to CSG: Break crew w/ 120												Mileage		30/8280
START Pumping PreFlushes 10 Bbls H2O 12 Bbls NIP 10 Bbls H2O												<b>5 1/2 FLOAT EQUIPMENT</b>		
Plug B Hole 30sx												Guide Shoe		
START MIX Pump 175 & Pro L & CSG @ 14.8% Gal												Centralizer		7 EA
SHUT DOWN Wash up & RELSE 5 1/2 LD Pb												Baskets		
START DISO w/ 2% KCL												AFU Inserts		1 EA
LEFT PS. 93 Bbl. w/ 550"												Float Shoe		1 EA
Plot DOWN 1100"												Latch Down		
PS. up CSG 1700"												SERVICE SWN		1 EA
RELEASE: HELD 1/2 Bbl Back												LMV		30'
GOOD crew thru JOB												Pumptrk Charge		LS
THANK YOU												Mileage		60
PLEASE CALL AGAIN												Tax		
DON MITT PERNA HEZMAN												Discount		
X Signature												Total Charge		