

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	STACY #4
Doc ID	1688980

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	264	Common	250	2%Gel 3% CC
Production	7.875	5.5	15.5	4838	Pro C	175	10% Salt 2% Gel 6# Koseal

QUALITY WELL SERVICE, INC.

8128

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	10-13-22	Sec.	9	Twp.	30S	Range	15W	County	Barber	State	Ks	On Location		Finish	
Lease	STACY	Well No.	4	Location											
Contractor	Murfin Dr/G E.G. 116												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.	278'										Charge To	Griffin
Csg.	85/8 23"		Depth	276'											
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	0.16.33										Cement Amount Ordered	300 sc Common
EQUIPMENT														2 1/2" FEL 3 1/2" CC 1 1/2" PS	
Pumptrk	0	No.												Common	250 sc
Bulktrk	12	No.												Poz. Mix	
Bulktrk		No.												Gel.	470'
Pickup		No.												Calcium	705'
JOB SERVICES & REMARKS														Hulls	
Rat Hole														Salt	
Mouse Hole														Flowseal 125#	
Centralizers														Kol-Seal	
Baskets														Mud CLR 48	
D/V or Port Collar														CFL-117 or CD110 CAF 38	
Run 6 1/2" 85/8 23" Csg SET @ 276'														Sand	
START Csg Csg on Bottom														Handling 279	
Hook up to Csg! BREAK														Mileage 25/6925	
START Pumping H ₂ O														FLOAT EQUIPMENT	
START mix Pump 250 sc Common														Guide Shoe	
2 1/2" FEL 3 1/2" CC 1 1/2" PS @ 14.8" / GAL														Centralizer	
START Disp														Baskets	
DUG DOWN 16.33 Bbl														AFU Inserts	
Close Valve on Csg														Float Shoe	
Good csg thru JOBS														Latch Down	
Circ OUT TO PET														SERVICE SUP 1 EA	
														LMV 25	
														Pumptrk Charge SURFACE	
														Mileage 50	
THANK YOU														Tax Discount Total Charge	
PLEASE CALL AGAIN															
TODD MIKE BRADY															
Signature															

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8137

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Date <u>10-23-22</u>	Sec. <u>9</u>	Twp. <u>30S</u>	Range <u>15W</u>	County <u>BARBEC</u>	State <u>Ks</u>	On Location	Finish
Lease <u>STACY</u>	Well No. <u>4</u>	Location					
Contractor <u>Martin Delo R.G. 116</u>				Owner			
Type Job <u>5 1/2 LS</u>				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 <u>7 7/8</u>	T.D. <u>4842' 4839</u>	Charge To <u>Gulfstream</u>					
Csg. <u>5 1/2</u>	Depth <u>4837.87</u>	Street					
Tbg. Size	Depth	City					
Tool	Depth	State					
Cement Left in Csg.	Shoe Joint <u>6.30</u>	The above was done to satisfaction and supervision of owner agent or contractor.					
Meas Line	Displace <u>114.98</u>	Cement Amount Ordered <u>175x Pro L 2 1/2 GEL 10% SALT</u>					
EQUIPMENT				<u>5 1/4 Kol Seal .6% CIGA .25% C4IP 25% PS</u>			
Pumptrk <u>3</u> No.			Common <u>175</u>				
Bulktrk <u>10</u> No.			Poz. Mix				
Bulktrk No.			Gel. <u>329"</u>				
Pickup No.			Calcium				
JOB SERVICES & REMARKS				Hulls			
Rat Hole				Salt <u>964"</u>			
Mouse Hole				Flowseal <u>44"</u>			
Centralizers <u>1-2-3-4-5-6-7</u>				Kol-Seal <u>875"</u>			
Baskets				Mud CLR 48 <u>500 GAL</u>			
D/V or Port Collar				CFL-117 or CD110 CAF 38 <u>CIGA 99"</u>			
<u>Run H's 5 1/2 155" CSG SET</u>				Sand <u>CC-1 9 GAL - C4IP 41"</u>			
<u>START CSG CSG on a Bottom TAG</u>				Handling <u>217</u>			
<u>Hook up to CSG - BREAK CIRC W/216</u>				Mileage <u>251 5425</u>			
<u>START Pumping 10 Bbl H's 12 Bbl MF 10 Bbl H's</u>				5 1/2 FLOAT EQUIPMENT			
<u>START MIC. Pump 175x Pro L & CSG @ 14.8"/min</u>				Guide Shoe <u>H's M 1 EA</u>			
<u>SHUT DOWN WASH PUMP RELEASE 5 1/2 LO PLUG</u>				Centralizer <u>7 EA</u>			
<u>START DISO W/ 2 1/2 KCL</u>				Baskets			
<u>LIFT PSI 95 out 550"</u>				AFU Inserts			
<u>PLUG DOWN 115.5 at 1200"</u>				Float Shoe			
<u>PSI up CSG 1700"</u>				Latch Down <u>1 EA</u>			
<u>RELEASE FHEW D 1/2 Bbl Back</u>				<u>SERVICE Sp 1 EA</u>			
<u>Good Circ the Job</u>				<u>LMV 25</u>			
<u>THANK YOU</u>				Pumptrk Charge <u>LS</u>			
<u>PLEASE CALL AGAIN</u>				Mileage <u>50</u>			
<u>TODD MIKE BRADY</u>							
Signature <u>David G</u>				Signature <u>TODD SEBA</u>			
						Tax	
						Discount	
						Total Charge	

Stacy #4
Griffin Management LLC
MURFIN RIG 116

10/23/22

LTD: 4,842'

Start Logging @ 6:00 PM. Start running casing @ 9:00 PM. Ran 114 joints of NEW, 15.5# 5 ½" Casing totaling: 4,835.87'. **PBTD: 4,829.07'**.

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 @ 1:00 AM.

Plug rathole with 30 sks cement.

Released rig.

10/26/22

RU Log-Tech to run CBL.

LTD: 4,826'

Top of cement: 3,050'

Bond: Good.

10/31/22

RU CCWS Rig #1.

Unload 153 JTS of used tested and drifted 2 7/8" tubing from inventory. Will perforate in the morning.

11/1/22

RU Log-Tech and perforated **4,670-4,700' 2HPF**.

RD perforators and PU packer and 148 jts of 2 7/8 tubing totaling 4,710'). RU pro-stim to spot acid @ 4,710'. Lay down 3 jts to treat @ 4,613' (145 jts in) 27.8 bbl circulating spot + 28.8 bbl to clear perms.

Breakdown: 1,000 #.

Treated 2.5 bpm 470 #. Ball action up to 640 #.

ISIP: 400 #

5 min: 240 #

10 min: 150 #

15 min: 50 #

Used 1,500 gal 15 % Griffin Blend.

RU to swab. IFL: surface.

6th run: pulled from S.N. Recovered 800' TOB OC

7th run: Clean up run off S.N. Recovered 500' @ 18 % OC. Swab down rec 36 bbls.

1st run after swab down recovered 400' @ 20 % OC.

2nd run recovered 250' @ 20 % OC.

3rd run recovered 300' @ 20 % OC.

4th run recovered 250' @ 28 % OC.

5th run recovered 200' @ 30 % OC.

Swabbed back 8 bbl last hour

6th run recovered 300' @ 36 % OC.

7th run recovered 350' @ 38 % OC.

8th run recovered 300' @ 38 % OC.

9th run recovered 300' @ 36 % OC.

Swabbed back 4 bbl last hour

Open bypass on packer and rig back up to swab.

Swab down rec 21 bbl. 4th run off SN rec 600' TOB OC.

Shut in well.

11/2/22

Sli blow on tubing. RU to swab.

IFL @ 2,700'. Recovered 1000' of fluid. 200' free oil, 800' 30 % oc.

2nd run: FL @ 3,500'. Rec 100' oil, 900' 25 % OC.

Dead after run.

3rd run: FL @ 4,000'. Rec 500' @ 23 % OC.

4th run: rec 400' @ 23 % OC.

5th run: rec 300' @ 21 % OC.

6th run: rec 200' @ 18 % OC.

Swab down rec 22 bbls. Wait 15 minutes.

1st 15 min rec 350' 19 % OC.

2nd 15 min rec 250' @ 14 % OC.

3rd 15 min rec 200' @ 19 % OC.

4th 15 min rec 200' @ 20 % OC.

Unset packer and swab well down. Lay down tubing for frac.

11/11/22

RU gore to frac with 8 tanks.

Treated 60 bpm 1832#.

Max pressure: 2,466#.

Isip: 1509#

5 min: 1374#

10 min: 1327#

15 min: 1280#

Used:

Total slickwater: 3,480 bbl
acid: 24 bbl
20/40 sand: 61,606#
Resin-coated sand: 8,189#
Total N2: 1,281,000 SCF

RD Gore, will flow back tomorrow.

11/12/22

1320 # CP. Start flowing back @ 9:30 am.
10:30 am: 900 # cp. No FTS yet 16/64" choke
10:50 am: 200 # cp. Fluid to surface
11:50 am: 310 # cp. 1st hr Rec 27.5 bbl frac water
12:50 pm: 400 # cp. 2nd hr Rec 25 bbl frac water
52.5 bbl total recovered.
2:50 pm: 355 # cp. Rec 45 bbl in 2 hours.
97.5 bbl total recovered.
5:20 pm: 300 # cp. Rec 70 bbl foamy frac water in
2.5 hours. No oil no sand.
167.5 bbl total recovered.
6:20 pm: 295 # cp. Rec 25 bbl in 1 hr. 20/64
192.5 bbl total recovered.

11/13/22

7:30 am: 65 # cp. Rec 275 bbl in 13.5 hrs. TOB OC.
467 bbl total recovered.

11:30 am: 0 # cp. Rec 40 bbl in 4 hrs. Sli blow cp.
507 bbl total recovered.

11/14/22

RU CCWS Rig #1 and TIH with tubing as follows:

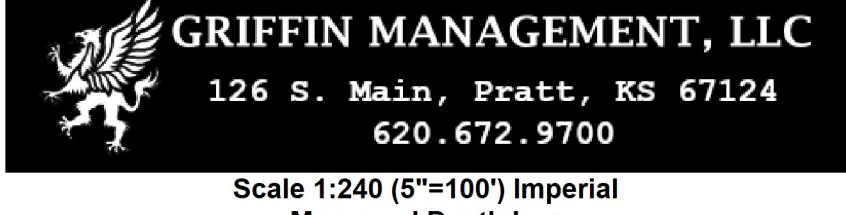
- 1) 2 7/8" mud anchor
- 1) 2 7/8" seating nipple
- 149) jts 2 7/8" tubing

Bottom of tubing landed @ 4727.77'

RO to run rods and pump, prep rods, and TIH as follows:

- 1) 2 1/2" x 2" x 18' RWBC
- 1) 2' x 7/8" sub
- 9) 1 1/2" x 25' K-Bar
- 100) 3/4" rods
- 79) 7/8" rods
- 1) 1 1/4" x 26' polished rod

7 bbl to load tubing. Pressured up and held. Rig down.



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

Well Name: Stacy #4
API: 15-007-24404
Location: N2 N2 N2
License Number: 33936
Spud Date: 10/18/2022
Surface Coordinates: 330' FNL & 2640' FWL

Region: Barber County
Drilling Completed: 10/22/2022

Bottom Hole Vertical Wellbore
Coordinates:
Ground Elevation (ft): 1994'
Logged Interval (ft): 3800' To: 4839' K.B. Elevation (ft): 2006'
Formation: Ordovician (Simpson Shale) @ 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 67124-0347

GEOLOGIST

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

Drilling Report

Murfin Rig #116
Tool Pusher: Paco Gonzalez

10/18/2022
Spud @ 7:30 AM

10/19/2022
Drilling @ 1395'

10/20/2022
Drilling @ 3112'
Rig Broke Down @ 3487' Down ~20 Hours

10/21/2022
Working on Rig @ 3487'
Back Drilling @ 1:30 PM

10/22/2022
Drilling @ 4649'
Original TD @ 4820' @ 4:30 PM
CFS @ 4820'
Attempt Start Short Trip, Rig Broke & Had to Drill to KD to break connection. Cut 14' & CFS 60" prior to short trip.
RTD @ 7:00 PM 4834'
Short Trip Start @ ~10 PM

10/23/2022
On bottom after "short" trip @ 6 AM
CTCH for Loggers
TOOH @ 9:30 AM
1/2way out, tight connections; torch boxes to break loose.
On the bank @ ~2:15 PM

Problems

Too many to list. Blew countless hydraulic lines; mud pump down often. Generator needs additional radiator
Do not trust electrical on this rig unless you wired it yourself.
Most of wiring wrong lines; ground = hot, line & neutral crossed, etc. Oil Lights running 240+ volts. Most circuits 20A
Set sub-panel w/ 30A dedicated line from breaker box to edge of steel pits; surge protectors mandatory; huge
variation in voltage from generator power; dropped below 95 volts & above 150 volts at times; be prepared with
backup battery/inverter or BYO Generator to be safe.

Pipe Setting

8.625" 23# Set @ 264' w/ 250 sxs.
5.5" 15.5# Set @ 4838' w/ 145 sxs.

