KOLAR Document ID: 1656804

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 # | API No.: | | | | |
|--|--|--|--|--|--|
| Name: | Spot Description: | | | | |
| Address 1: | | | | | |
| Address 2: | Feet from North / South Line of Section | | | | |
| City: State: Zip:+ | Feet from | | | | |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: | | | | |
| Phone: () | □NE □NW □SE □SW | | | | |
| CONTRACTOR: License # | GPS Location: Lat:, Long: | | | | |
| Name: | (e.g. xxxxxxxx) (e.gxxxx.xxxxxx) | | | | |
| Wellsite Geologist: | Datum: NAD27 NAD83 WGS84 | | | | |
| Purchaser: | County: | | | | |
| Designate Type of Completion: | Lease Name: Well #: | | | | |
| New Well ☐ Re-Entry ☐ Workover | Field Name: | | | | |
| ☐ Oil ☐ WSW ☐ SWD | Producing Formation: | | | | |
| Gas DH EOR | Elevation: Ground: Kelly Bushing: | | | | |
| □ OG □ GSW | 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) | | | | |
| Commingled Permit #: | Chloride content: ppm Fluid volume: bbls | | | | |
| Commingled Permit #: Dual Completion Permit #: | Dewatering method used: | | | | |
| SWD Permit #: | Location of fluid disposal if hauled offsite: | | | | |
| EOR Permit #: | · | | | | |
| GSW Permit #: | Operator Name: | | | | |
| | Lease Name: License #: | | | | |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec. Twp. S. 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 II Approved by: Date: | | | | | | |

KOLAR Document ID: 1656804

Page Two

| Operator Name: _ | | | | Lease Name: | | | Well #: | |
|--|---------------------|-----------------------|--------------------------------|-----------------------|----------------------------|---|---|--|
| Sec Twp. | S. R. | E | ast West | County: | | | | |
| | flowing and shu | ut-in pressures, v | vhether shut-in pre | ssure reached st | atic level, hydrosta | tic pressures, bot | | val tested, time tool erature, fluid recovery, |
| Final Radioactivity files must be subm | | | | | | iled to kcc-well-lo | gs@kcc.ks.gov | v. Digital electronic log |
| Drill Stem Tests Ta | | | Yes No | | | on (Top), Depth ar | | Sample |
| Samples Sent to Geological Survey Yes No | | | | | | | | Datum |
| Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru | _ | | Yes No Yes No Yes No | | | | | |
| | | B | CASING eport all strings set-c | | New Used | ion, etc. | | |
| Purpose of Strir | | Hole illed | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | | |
| | | | | | | | | |
| | | | ADDITIONAL | CEMENTING / SO | UEEZE RECORD | | | |
| Purpose: | | epth T Bottom | ype of Cement | # Sacks Used | Type and Percent Additives | | | |
| Perforate Protect Casi Plug Back T | | | | | | | | |
| Plug Off Zor | | | | | | | | |
| Did you perform a Does the volume Was the hydraulic | of the total base f | fluid of the hydrauli | | _ | = | No (If No, sk | ip questions 2 an ip question 3) out Page Three | , |
| Date of first Product Injection: | tion/Injection or R | esumed Production | Producing Meth | nod: | Gas Lift 0 | Other (Explain) | | |
| Estimated Production Per 24 Hours | on | Oil Bbls. | | | | | Gas-Oil Ratio | Gravity |
| DISPOS | SITION OF GAS: | | N | METHOD OF COMP | LETION: | | | DN INTERVAL: Bottom |
| | Sold Used | I on Lease | Open Hole | | | mmingled mit ACO-4) | Тор | BOROTT |
| , | , | | | B.11 B1 | | | | |
| Shots Per Foot | Perforation Top | Perforation Bottom | Bridge Plug Type | Bridge Plug Set At | Acid, | Fracture, Shot, Cer (Amount and Kind | menting Squeeze I of Material Used) | Record |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| TUBING RECORD: | : Size: | Set | Δ+- | Packer At: | | | | |
| TODING RECORD: | . 3126. | Set | n. | i donei Al. | | | | |

| Form | ACO1 - Well Completion |
|-----------|--------------------------|
| Operator | Reilly Oil Company, Inc. |
| Well Name | GWEN 1-4 |
| Doc ID | 1656804 |

All Electric Logs Run

| Micro |
|---------------------|
| Compensated Density |
| Dual Induction |
| Cement Bond |

| Form | ACO1 - Well Completion |
|-----------|--------------------------|
| Operator | Reilly Oil Company, Inc. |
| Well Name | GWEN 1-4 |
| Doc ID | 1656804 |

Tops

| Name | Тор | Datum |
|----------------|------|-------|
| Anhydrite | 1786 | +562 |
| Base Anhydrite | 1827 | +521 |
| Topeka | 3495 | -1147 |
| Heebner | 3734 | -1386 |
| Toronto | 3751 | -1403 |
| Lansing | 3767 | -1419 |
| ВКС | 4009 | -1661 |
| Pawnee | 4127 | -1773 |
| Cherokee Sh | 4173 | -1825 |
| Conglomerate | 4209 | -1861 |
| Miss | 4247 | -1899 |

| Form | ACO1 - Well Completion |
|-----------|--------------------------|
| Operator | Reilly Oil Company, Inc. |
| Well Name | GWEN 1-4 |
| Doc ID | 1656804 |

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 | 218 | 60/40poz | 165 | 2%gel3%c c |
| Production | 7.878 | 5.5 | 14 | 4290 | owc | 175 | 60/40 |
| | | | | | | | |
| | | | | | | | |

FRANKS Oilfield Service

- ♦ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
- ♦ Office Phone (785) 639-3949

| TICKET NUMBER | 001/ |
|---------------|--|
| LOCATION | Dyyddol i dyn aith ann a bollog ar ann aith a gol ag an ann an gaell a goll a gyddol a gyll a gyll a gyll a gy |
| FOREMAN | |

♦ Email: franksoilfield@yahoo.com

| FIELD | TICKET | & | TREATMENT | REPORT |
|--------------|---------------|---|-----------|--------|
| | | 0 | EMENT | |

| | | | CE | MENT | | | | |
|---|--|--|-----------------|--|--|--|---|------------|
| DATE | CUSTOMER # | WEL | L NAME & NUMBER | SI | ECTION | TOWNSHIP | RANGE | COUNTY |
| 6-13-22 | 32686 | (xwen | 1-4 | 2 | ł | 14 | 22W | Trego |
| CUSTOMER | 16. DY / | 2000 | 7 | I T | RUCK # | DRIVER | TRUCK # | DRIVER |
| Re; MAILING ADDRE | iss is a | ongang. | IVIC. | | | 7 | TROOK # | DRIVER |
| | | | | - | 01 | Tom W | | |
| PO B | or All | STATE | ZIP CODE | 16 | 72 | Jackt | | - |
| Waker | | 169 | 67672 | - | | | | |
| JOB TYPE | | | | | 201 | CASING SIZE & W | FIGURE (OSTAL) | 22# |
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| CASING DEPTH | | | TUBI | | | | OTHER | |
| SLURRY WEIGH | | SLURRY VOL _ | | ER gal/sk | | CEMENT LEFT in | CASING | |
| | - 40 | | T PSI MIX F | | | RATE | | r |
| | | | 545 00 0 | | | | | |
| MX 16 | 598 3art | a4 6/4/ | d & dispo | 140.80 | With | 12,51301 | Shut | in. |
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| | 681 | ment d | ed circular | ed | AND THE PERSON NAMED IN COLUMN | | | |
| | Place | dawn-12: | O AM | | | | | |
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| | | | | Th | mks I | am 454 | K | |
| | | | | | | | | , |
| ACCOUNT CODE | QUANTITY | or UNITS | DESCRIF | PTION of SERVI | CES or PRO | DUCT | UNIT PRICE | TOTAL |
| 70002 | 1, | | PUMP CHARGE | Sucth | e- | | \$115000 | \$115000 |
| mar | É | | MILEAGE | | | | \$450 | \$44200 |
| moor | 8.0 | of tons | Ton Mil | eage 1 | Deliver | K | \$825 18 | \$825 18 |
| LROAH | 165. | 54 | TON MIL | 392°CC | 2900 | cl 25 1/2 | \$2450 | \$404250 |
| C8006 | 35 th | £ | Slo sou | | 0 | · | \$300 | \$114 00 |
| | | | | | | | | |
| | | | | | | | | |
| AND THE RESIDENCE OF THE PARTY | | Mindrick America, american construction (American American American Company) | | | CANAL SERVICE | | sub total | 4457348 |
| | | | | | | Irss 16 | % disc. | \$ 1657 37 |
| | | | | | Marie programme Microsoft Marie November (1984) | | subtotal | 4591431 |
| | | | | The same of the sa | and a contract of the contract | | | 7-7-7- |
| | | | | | 2 | | | |
| | | | | | AND AND WATER WATER STREET | | | |
| | | | | | | | | |
| | | | | | Mary 100 100 100 100 100 100 100 100 100 10 | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | 1 | | | | SALES TAX | 280.56 |
| | 11/ | 1 | // | | | | ESTIMATED TOTAL | 6196.87 |
| AUTHORIZATION | 1/1 | / Vin | TITLE | | | ANALAMANA MANANA MA | DATE | |

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

FRANKS Oilfield Service

♦ 815 Main Street Victoria, KS 67671 ♦ 24 Hour Phone (785) 639-7269

♦ Office Phone (785) 639-3949

♦ Email: franksoilfield@yahoo.com

TICKET NUMBER 0629

LOCATION Hox: e

FOREMAN Tom Williams

FIELD TICKET & TREATMENT REPORT

| | | | | CEME | NT | | | |
|-----------------|------------|------------|--------------|------------|--------------------|-----------------|---------------------|-------------|
| DATE | CUSTOMER # | WEL | L NAME & NUM | BER | SECTION | TOWNSHIP | RANGE | COUNTY |
| 6-23-22 | 32656 | Gwen | | 1-4 | 4 | 14 | 22 W | TNYO |
| CUSTOMER | 11 001 | , | * | | | | | <i>.</i> |
| MAILING ADDRI | ESS- | ompany | Inc. | - | TRUCK # | DRIVER | TRUCK # | DRIVER |
| | - | 774 | | | 101 | Tom W | | |
| CITY | Po Bax | STATE | ZIP CODE | - | 2/103 | Jack T | | |
| 1 1 | e h | 145 | 67672 | | | - | | |
| JOB TYPE DU | Ehey | | | | L | CACING CIZE 8 1 | VEIGHT 514 (1 | |
| | | DRILL PIPE | | | TH | | OTHER | |
| | | | | | /sk | | | |
| | , . | | , | | SK | | CASING | |
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| Hooked | 1 . 1 | -/ | | 1 | 1x 175 5x | 1/ 1/ | W P | |
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| + 30 5 | × in SRH | DEALA | 1 .16+h | alua in | Jizh 45 Bhi | Bally | SE WAR | · FAW |
| + racke | | · n Dy po | with. | prog n | ici y po | · D. W. C | of from | |
| υ <i>μ</i> | - | | CEMEN | t did | Grulat | 1 | | |
| Plan do | in Ilam | | | | | | | |
| | | | | | These | 5 Jam | + CORN | |
| | | | | | | | | |
| ACCOUNT CODE | QUANTITY | or UNITS | D | ESCRIPTION | of SERVICES or PRO | ODUCT | UNIT PRICE | TOTAL |
| 174004 | 1 | | PUMP CHARG | GE D | U Tool | | \$2500°0 | \$250000 |
| mool | 48 | | MILEAGE | | | | \$ 60 | \$44200 |
| moo 2 | 23.72 | 2 | Tan A | lileage | Deliver | <u> </u> | \$2419 44 | 3241944 |
| CB030 | 17. | 55% | C1655 | A QUE | 4 | / | \$2855 | \$4996 25 |
| CB021 | 300 |)5× | 60/40 | 8700 | 381 1/4# | for seal | \$1735 | \$520500 |
| FEQ13 | 9 | | 5'2" FIL | cholis, | 200 | | \$ 108 00 | \$97200 |
| FEOZZ | 3 | | 5%" 6 | asket | | | \$385-00 | \$1155-00 |
| FED96 | ZÔ | | 20 51 | | procting | scoatchyos | \$7500 | \$150000 |
| FE0033 | 1 | | | F leur | 17) | | \$40000 | \$60000 |
| FE051 | / | | / | atch do | | 155V- | \$ 49500 | \$69500 |
| FE 0 89 | , | | 56" P | V 100 | 1 113 | 3 | \$420000 | 1420000 |
| CP013 | 1000 9 | اه | much f | | | | \$1.00 | \$100000 |
| CP014 | 2 gal | | KCh | | | | :\$3000 | ,\$40°0 |
| | 3 | | | | | -, | 1 | 3 - |
| | | | | | | sub total | ٠ | \$25,744.69 |
| | | | | | | less 10°/0 | disc. | \$2574 47 |
| | | | | | | | | \$23,170 22 |
| | | | | | | | | THE RESERVE |
| | | | | | | | SALES TAX | 1382.16 |
| | 11 | /- | | | | | ESTIMATED TOTAL | 24658.38 |
| AUTHORIZATION | (LAT | 1/- | / | TITLE | | | DATE | 2,300.00 |

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



Uploading recovery &

pressures

Company: Reilly Oil Company,

Inc

Lease: Gwen #1-4

Reilly Oil Company, SEC: 4 TWN: 14S RNG: 22W County: TREGO

State: Kansas

Drilling Contractor: STP Drilling, LLC -

Rig 1

Elevation: 2341 GL Field Name: Spruce

Pool: Infield Job Number: 576 API #: 15-195-23138

DATE June

21 2022

DST #1 Formation: Cherokee Sand Test Interval: 4165 -

Total Depth: 4218'

4218'

Time On Bottom: 04:01 06/21 Time Off Bottom: 06:16 06/21

Electronic Volume Estimate:

1905'

1st Open Minutes: 15 Current Reading: 117.1" at 15 min

Max Reading: 117.1"

1st Close Minutes: 30 Current Reading: 5.8" at 30 min Max Reading: 5.8"

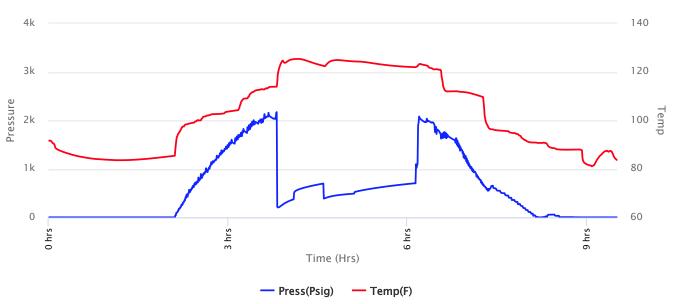
2nd Open Minutes: 30 Current Reading: 61.0" at 30 min

Minutes: 60 Current Reading: 8.8" at 60 min

2nd Close

Max Reading: 61.0" Max Reading: 8.8"

Inside Recorder





Company: Reilly Oil Company,

Inc Lease: Gwen #1-4 SEC: 4 TWN: 14S RNG: 22W

County: TREGO State: Kansas

Drilling Contractor: STP Drilling, LLC -

Rig 1

Elevation: 2341 GL Field Name: Spruce Pool: Infield Job Number: 576

API #: 15-195-23138

Uploading recovery & pressures

Operation:

| DATE | |
|-------------|--|
| June | |
| 21 | |
| 2022 | |

| DST #1 | Formation: |
|--------|---------------|
| | Cherokee Sand |

Time On: 00:19 06/21

Test Interval: 4165 -

Total Depth: 4218'

4218'

Time Off: 09:34 06/21

Time On Bottom: 04:01 06/21 Time Off Bottom: 06:16 06/21

Recovered

| <u>Foot</u> | BBLS | Description of Fluid |
|-------------|-----------|----------------------|
| 475 | 6.75925 | G |
| 1100 | 15.653 | SLGCO |
| 180 | 1.4710128 | SLGCSLMCO |

| Gas % | Oil % | Water % | <u>Mud %</u> |
|-------|-------|---------|--------------|
| 100 | 0 | 0 | 0 |
| 15 | 85 | 0 | 0 |
| 7 | 79 | 0 | 14 |

Total Recovered: 1755 ft

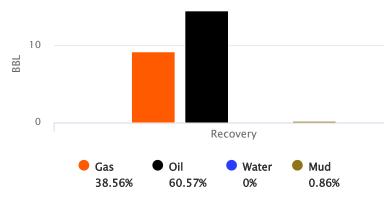
Total Barrels Recovered: 23.8832628

Close / Final Close

| eversed Ou | t |
|------------|---|
| NO | |

| 2030 | PSI |
|------------|---|
| 207 to 373 | PSI |
| 697 | PSI |
| 388 to 490 | PSI |
| 702 | PSI |
| 2027 | PSI |
| 126 | °F |
| | |
| 0.0 | % |
| | 207 to 373 697 388 to 490 702 2027 126 |

Recovery at a glance



GIP cubic foot volume: 51.7105



Uploading recovery &

pressures

Company: Reilly Oil Company,

Inc

DST #1

Lease: Gwen #1-4

County: TREGO State: Kansas

Drilling Contractor: STP Drilling, LLC -

SEC: 4 TWN: 14S RNG: 22W

Rig 1

Elevation: 2341 GL Field Name: Spruce

Pool: Infield Job Number: 576 API #: 15-195-23138

DATE June

> 21 2022

Formation: **Cherokee Sand** Test Interval: 4165 -

Total Depth: 4218'

4218'

Time On: 00:19 06/21 Time Off: 09:34 06/21

Time On Bottom: 04:01 06/21 Time Off Bottom: 06:16 06/21

BUCKET MEASUREMENT:

1st Open: 3" blow building to BOB 1 min.

1st Close: 5 1/2" BB

2nd Open: 2" blow building to BOB 2 min.

2nd Close: 8 1/2" BB

REMARKS:

Tool Sample: 15% Gas 85% Oil 0% Water 0% Mud

Gravity: 32.7 @ 60 °F



Uploading recovery &

pressures

Company: Reilly Oil Company,

Inc

Lease: Gwen #1-4

SEC: 4 TWN: 14S RNG: 22W

County: TREGO State: Kansas

Drilling Contractor: STP Drilling, LLC -

Rig 1

Elevation: 2341 GL Field Name: Spruce Pool: Infield Job Number: 576 API #: 15-195-23138

DATE June 21

2022

DST #1 Formation: Cherokee Sand Test Interval: 4165 -

Total Depth: 4218'

4218'

Time On Bottom: 04:01 06/21 Time Off Bottom: 06:16 06/21

Down Hole Makeup

Heads Up: 24.71 FT **Packer 1:** 4160.18 FT

Drill Pipe: 4040.2 FT **Packer 2:** 4165.18 FT

ID-3 1/2 Top Recorder: 4149.6 FT

Weight Pipe: 0 FT

ID-2 7/8

Bottom Recorder: 4206 FT

Well Bore Size: 7 7/8

ID-2 1/4 Surface Choke: 1"

Test Tool: 33.57 FT Bottom Choke: 5/8"

ID-3 1/2-FH

117.12 FT

Jars Safety Joint

Collars:

Total Anchor: 52.82

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 5 FT

4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 31.82 FT

ID-3 1/2

Change Over: 1 FT

Perforations: (below): 13 FT

4 1/2-FH



Uploading recovery &

pressures

Company: Reilly Oil Company,

Inc

Lease: Gwen #1-4

SEC: 4 TWN: 14S RNG: 22W

County: TREGO State: Kansas

Drilling Contractor: STP Drilling, LLC -

Rig 1

Elevation: 2341 GL Field Name: Spruce

Pool: Infield Job Number: 576 API #: 15-195-23138

DATE June 21

2022

DST #1 Formation: Cherokee Sand

Test Interval: 4165 -

Total Depth: 4218'

4218'

Time On Bottom: 04:01 06/21 Time Off Bottom: 06:16 06/21

Mud Properties

Mud Type: Chemical Weight: 9.3 Viscosity: 53 Filtrate: 6.0 Chlorides: 3,100 ppm



Uploading recovery &

pressures

Company: Reilly Oil Company,

Inc

Lease: Gwen #1-4

SEC: 4 TWN: 14S RNG: 22W

County: TREGO State: Kansas

Drilling Contractor: STP Drilling, LLC -

Rig 1

Elevation: 2341 GL Field Name: Spruce

Pool: Infield Job Number: 576 API #: 15-195-23138

DATE June 21

2022

DST #1 Formation: **Cherokee Sand**

Test Interval: 4165 -

Total Depth: 4218'

4218'

Time On: 00:19 06/21 Time Off: 09:34 06/21

Time On Bottom: 04:01 06/21 Time Off Bottom: 06:16 06/21

Gas Volume Report

| 1st Open | | | | |
|----------|---------|-----|-------|--|
| Time | Orifice | PSI | MCF/D | |

| 2nd Open | | | | |
|----------|---------|-----|-------|--|
| Time | Orifice | PSI | MCF/D | |



Uploading recovery &

pressures

Company: Reilly Oil Company,

Inc

Lease: Gwen #1-4

SEC: 4 TWN: 14S RNG: 22W

County: TREGO State: Kansas

Drilling Contractor: STP Drilling, LLC -

Rig 1

Elevation: 2341 GL Field Name: Spruce

Pool: Infield Job Number: 576 API #: 15-195-23138

DATE June

21 2022 **DST #2** Formation: Cherokee

Test Interval: 4217 -

Total Depth: 4235'

4235'

Time On: 16:41 06/21

Time Off: 01:18 06/22

Time On Bottom: 20:05 06/21 Time Off Bottom: 22:05 06/21

Electronic Volume Estimate:

0'

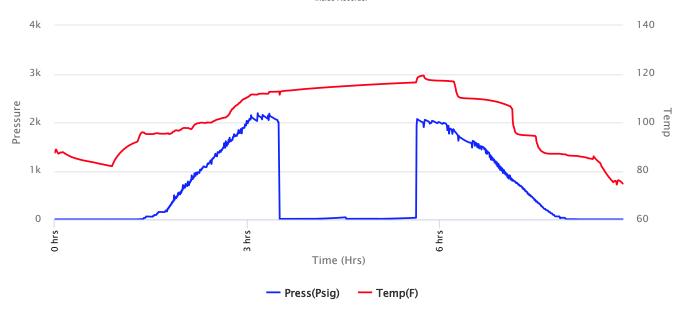
1st Open Minutes: 30 **Current Reading:** 0" at 30 min Max Reading: 0"

1st Close Minutes: 30 **Current Reading:** 0" at 30 min Max Reading: 0"

2nd Open Minutes: 30 **Current Reading:** 0" at 30 min Max Reading: 0"

2nd Close Minutes: 30 **Current Reading:** 0" at 30 min Max Reading: 0"

Inside Recorder





Company: Reilly Oil Company,

Inc

Lease: Gwen #1-4

SEC: 4 TWN: 14S RNG: 22W County: TREGO

State: Kansas

Drilling Contractor: STP Drilling, LLC -

Rig 1

Elevation: 2341 GL Field Name: Spruce Pool: Infield Job Number: 576 API #: 15-195-23138

Operation: Uploading recovery & pressures

> **DATE** June 21

DST #2 Formation: Cherokee

Test Interval: 4217 -

Total Depth: 4235'

4235'

Time On: 16:41 06/21

Time Off: 01:18 06/22

Time On Bottom: 20:05 06/21 Time Off Bottom: 22:05 06/21

Recovered

BBLS <u>Foot</u> 5 0.0246 **Description of Fluid** SLOCM

Gas % 0

Oil % 12

Water % 0

Mud % 88

Total Recovered: 5 ft

2022

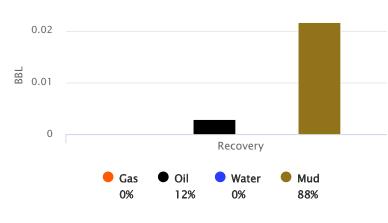
Total Barrels Recovered: 0.0246

Close / Final Close

Reversed Out NO

| Initial Hydrostatic Pressure | 2047 | PSI |
|------------------------------|----------|-----|
| Initial Flow | 9 to 13 | PSI |
| Initial Closed in Pressure | 43 | PSI |
| Final Flow Pressure | 12 to 14 | PSI |
| Final Closed in Pressure | 34 | PSI |
| Final Hydrostatic Pressure | 2040 | PSI |
| Temperature | 117 | °F |
| | | |
| Pressure Change Initial | 22.4 | % |

Recovery at a glance



GIP cubic foot volume: 0



Uploading recovery &

pressures

Company: Reilly Oil Company,

Inc

DST #2

Lease: Gwen #1-4

SEC: 4 TWN: 14S RNG: 22W

County: TREGO State: Kansas

Drilling Contractor: STP Drilling, LLC -

Rig 1

Elevation: 2341 GL Field Name: Spruce

Pool: Infield Job Number: 576 API #: 15-195-23138

DATE
June
21
2022

Formation: Test Interval: 4217 - Total Depth: 4235' Cherokee 4235'

Time On: 16:41 06/21 Time Off: 01:18 06/22

Time On Bottom: 20:05 06/21 Time Off Bottom: 22:05 06/21

BUCKET MEASUREMENT:

1st Open: Surface blow throughout period

1st Close: No BB

2nd Open: Surface blow lasting 8 min.

2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas 7% Oil 0% Water 93% Mud



Uploading recovery &

pressures

Company: Reilly Oil Company,

Inc

Lease: Gwen #1-4

SEC: 4 TWN: 14S RNG: 22W

County: TREGO State: Kansas

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21 2022 **DST #2** Formation: Test Interval: 4217 -Total Depth: 4235'

Cherokee 4235'

Time On: 16:41 06/21 Time Off: 01:18 06/22

Time On Bottom: 20:05 06/21 Time Off Bottom: 22:05 06/21

Down Hole Makeup

Heads Up: Packer 1: 4.709999999999 FT 4212 FT

Drill Pipe: 4072.02 FT Packer 2: 4217 FT

ID-3 1/2

117.12 FT

Top Recorder: 4201.42 FT

Weight Pipe: 0 FT **Bottom Recorder:** 4219 FT ID-2 7/8

Well Bore Size: 7 7/8 Collars:

1" **Surface Choke:** ID-2 1/4

Test Tool: Bottom Choke: 5/8" 33.57 FT

ID-3 1/2-FH

Jars Safety Joint

Total Anchor: 18

Anchor Makeup

1 FT

Packer Sub:

Perforations: (top): 0 FT

4 1/2-FH

Change Over: 0 FT

Drill Pipe: (in anchor): 0 FT

ID-3 1/2

Change Over: 0 FT

Perforations: (below): 17 FT

4 1/2-FH



Uploading recovery &

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Mud Properties

Mud Type: Chemical Weight: 9.3 Viscosity: 58 Filtrate: 5.8 Chlorides: 3,600 ppm



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DATE
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21
2022

DST #2 Formation: Cherokee Test Interval: 4217 -

Total Depth: 4235'

4235'

Time On Bottom: 20:05 06/21 Time Off Bottom: 22:05 06/21

Gas Volume Report

| 1st Open | | | | |
|----------|---------|-----|-------|--|
| Time | Orifice | PSI | MCF/D | |

| 2nd Open | | | | |
|----------|---------|-----|-------|--|
| Time | Orifice | PSI | MCF/D | |

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