KOLAR Document ID: 1400267

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: | SecTwpS. R |
| Address 2: | Feet from North / South Line of Section |
| City: State: Zip:+ | Feet from _ East / _ West Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | □NE □NW □SE □SW |
| CONTRACTOR: License # | GPS Location: Lat:, Long: |
| Name: | (e.g. xx.xxxxx) (e.gxxx.xxxxx) |
| 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? Yes No |
| 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) |
| Committed at Provider | Chloride content: ppm Fluid volume: bbls |
| ☐ Commingled Permit #: | Dewatering method used: |
| SWD Permit #: | Location of fluid disposal if hauled offsite: |
| EOR Permit #: | Location of fluid disposal if fladied offsite. |
| GSW Permit #: | Operator Name: |
| <u> </u> | Lease Name: License #: |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec TwpS. 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: 1400267

Page Two

| Operator Name: | | | | | Lease Nam | ne: | | | Well #: | |
|---|-------------------------|----------------------|-------------|----------------------------|-----------------------|----------------------|------------------|-----------------------|---|--|
| Sec Tw | pS | S. R | Eas | t West | County: | | | | | |
| | l, flowing an | d shut-in press | sures, wh | ether shut-in pre | ssure reached | static | level, hydrostat | ic pressures, bo | | val tested, time tool erature, fluid recovery, |
| Final Radioactivi files must be sub | | | | | | | gs must be emai | led to kcc-well-l | ogs@kcc.ks.gov | v. Digital electronic log |
| Drill Stem Tests (Attach Addit | Taken tional Sheets) | | | Yes No | | ☐ Lo | | n (Top), Depth a | | Sample |
| Samples Sent to | Geological | Survey | | Yes No | | Name | | | Тор | Datum |
| Cores Taken Electric Log Run Geologist Report List All E. Logs F | t / Mud Logs | S | | Yes No Yes No Yes No | | | | | | |
| | | | Rep | CASING | RECORD [| New | | on, etc. | | |
| Purpose of St | tring | Size Hole Drilled | | ize Casing et (In O.D.) | Weight Lbs. / Ft. | | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | ADDITIONAL | CEMENTING / | SQUE | EEZE RECORD | | <u>'</u> | |
| Purpose: Perforate | | Depth Top Bottom | Тур | e of Cement | # Sacks Use | ed | | Type and | Percent Additives | |
| Protect Ca | | | | | | | | | | |
| Plug Off Zo | | | | | | | | | | |
| Did you perform Does the volume Was the hydraul | e of the total I | base fluid of the | hydraulic f | racturing treatment | | - | Yes S? Yes Yes | No (If No, s | kip questions 2 ar kip question 3) ill out Page Three | |
| Date of first Produ Injection: | iction/Injection | n or Resumed Pr | roduction/ | Producing Meth | od: | | Gas Lift O | ther <i>(Explain)</i> | | |
| Estimated Product Per 24 Hours | | Oil | Bbls. | | Mcf | Water | | | Gas-Oil Ratio | Gravity |
| DISPO | OSITION OF | GAS: | | N | METHOD OF CO | MPLET | ΓΙΟΝ: | | | ON INTERVAL: |
| Vented (// | | Used on Lease | | Open Hole | | Dually (Submit A | | nmingled | Тор | Bottom |
| , | ed, Submit AC | | | | | | | · | | |
| Shots Per Foot | Perforation Top | on Perfor Bott | | Bridge Plug Type | Bridge Plug Set At | | Acid, | | ementing Squeeze and of Material Used) | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORI | D: S | ize: | Set At | : | Packer At: | | | | | |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | RJM Company |
| Well Name | SPRAWKA 1 |
| Doc ID | 1400267 |

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 | 20 | 370 | Common | 180 | 60/40, 4%cc, 2%gel |
| Production | 7.875 | 5.5 | 15.5 | 3391 | Common | 180 | 10%salt, 5%gilsonit e |
| | | | | | | | |
| | | | | | | | |



Inc

Lease: Sprawka #1

SEC: 12 TWN: 18 S RNG: 12 W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 Sur Field Name: Tritsch

Pool: Infield Job Number: 101

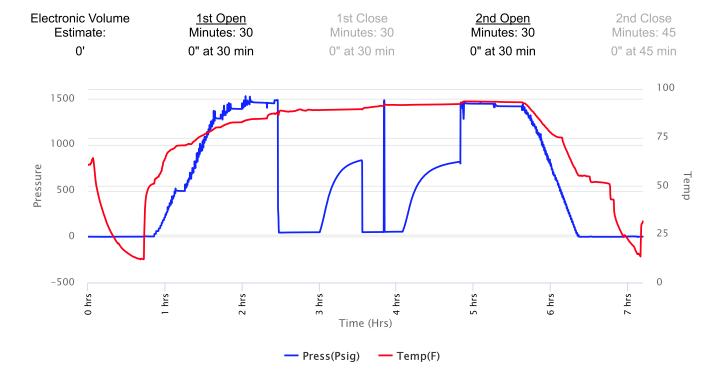
DATE
January
15
2018

DST #1 Formation: Lansing A-G

Test Interval: 3114 - Total Depth: 3208' 3208'

Time On: 01:58 01/16 Time Off: 08:59 01/16

Time On Bottom: 04:23 01/16 Time Off Bottom: 06:38 01/16





Inc

Lease: Sprawka #1

SEC: 12 TWN: 18 S RNG: 12 W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 Sur Field Name: Tritsch

Pool: Infield Job Number: 101

DATE
January
15
2018

DST #1 Formation: Lansing A-G

Test Interval: 3114 - 3208'

Total Depth: 3208'

Time On: 01:58 01/16 Time Off: 08:59 01/16

Time On Bottom: 04:23 01/16 Time Off Bottom: 06:38 01/16

Recovered

Foot BBLS 94 1.33762 Description of Fluid M <u>Gas %</u> 0 <u>Oil %</u> 0

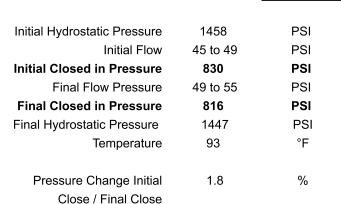
Water % 0 Mud % 100

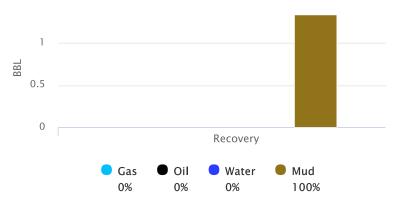
Total Recovered: 94 ft

Total Barrels Recovered: 1.33762

Reversed Out NO

| Recovery a | it a glance |
|------------|-------------|
|------------|-------------|







Inc

DST #1

Lease: Sprawka #1

SEC: 12 TWN: 18 S RNG: 12 W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 Sur Field Name: Tritsch

Pool: Infield Job Number: 101

DATE January 15 2018

Formation: Lansing A-G

Test Interval: 3114 -

Total Depth: 3208'

3208'

Time On: 01:58 01/16 Time Off: 08:59 01/16

Time On Bottom: 04:23 01/16 Time Off Bottom: 06:38 01/16

REMARKS:

12 foot slid to bottom. Bled off 9" blow.

IF: 1/4"- no build

IS: NoBB

FF: WSB- Died in 5 mins. Flushed tool 15 mins into open. 1/8" blow after flush- died in 10 mins

FS: NoBB

Tool Sample:

100% mud (trace oil)



Inc

Lease: Sprawka #1

SEC: 12 TWN: 18 S RNG: 12 W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 Sur Field Name: Tritsch

Pool: Infield Job Number: 101

DATE January 15 2018

DST #1 Formation: Lansing A-G

Test Interval: 3114 -

Total Depth: 3208'

3208'

Time On: 01:58 01/16

Time Off: 08:59 01/16

Time On Bottom: 04:23 01/16 Time Off Bottom: 06:38 01/16

Down Hole Makeup

Heads Up: 20.58 FT Packer 1: 3109.06 FT

Drill Pipe: 3109.48 FT Packer 2: 3114.06 FT

5/8"

ID-3 1/2

Top Recorder: 3101.06 FT

Weight Pipe: 0 FT **Bottom Recorder:** 3184 FT

ID-2 7/8

Collars: 0 FT Well Bore Size: 7 7/8

1" **Surface Choke:**

ID-2 1/4

Bottom Choke:

Test Tool: 26.16 FT ID-3 1/2-FH

Total Anchor: 93.94

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 3 FT

4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 63.44 FT

ID-3 1/2

Change Over: .5 FT

Perforations: (below): 25 FT

4 1/2-FH



Inc

Lease: Sprawka #1

SEC: 12 TWN: 18 S RNG: 12 W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 Sur Field Name: Tritsch

Pool: Infield Job Number: 101

<u>DATE</u> January **15** 2018 DST #1 Formation: Lansing A-G

Test Interval: 3114 - 3208'

Total Depth: 3208'

Time On: 01:58 01/16 Time Off: 08:59 01/16

Time On Bottom: 04:23 01/16 Time Off Bottom: 06:38 01/16

Mud Properties

Mud Type: chemical Weight: 8.8 Viscosity: 58 Filtrate: 7.2 Chlorides: 2000 ppm



Inc

Lease: Sprawka #1

SEC: 12 TWN: 18S RNG: 12W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 GL Field Name: Tritsch

Pool: Infield Job Number: 101

<u>**DATE**</u>
January **17**2018

DST #2 Formation: Lansing G-L

Test Interval: 3222 - 3374'

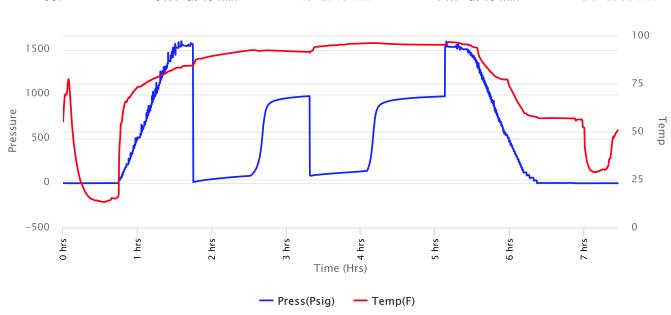
Total Depth: 3374'

Time On: 03:35 01/17 Time Off:

Time Off: 10:51 01/17

Time On Bottom: 05:18 01/17 Time Off Bottom: 08:33 01/17

Electronic Volume Estimate: 987' 1st Open Minutes: 45 51.4" at 45 min 1st Close Minutes: 45 .3" at 45 min 2nd Open Minutes: 45 71.7" at 45 min 2nd Close Minutes: 60 3.5" at 60 min





Inc

Lease: Sprawka #1

SEC: 12 TWN: 18S RNG: 12W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 GL Field Name: Tritsch

Pool: Infield Job Number: 101

| DATE |
|-------------|
| January |
| 17 |
| 2018 |

DST #2 Formation: Lansing Test Interval: 3222 - G-L 3374'

Interval: 3222 - Total Depth: 3374'

Time On: 03:35 01/17 Time Off: 10:51 01/17

Time On Bottom: 05:18 01/17 Time Off Bottom: 08:33 01/17

Recovered

| <u>Foot</u> | <u>BBLS</u> | Description of Fluid | <u>Gas %</u> | <u>Oil %</u> | <u>Water %</u> | <u>Mud %</u> |
|-------------|-------------|----------------------|--------------|--------------|----------------|--------------|
| 851 | 12.10973 | G | 100 | 0 | 0 | 0 |
| 31 | 0.44113 | SLOCM | 0 | 10 | 0 | 90 |
| 63 | 0.89649 | OCHGCM | 30 | 20 | 0 | 50 |
| 126 | 1.79298 | MCHGCO | 34 | 46 | 0 | 20 |
| 63 | 0.89649 | SLWCSLOCHMCG | 50 | 10 | 10 | 30 |

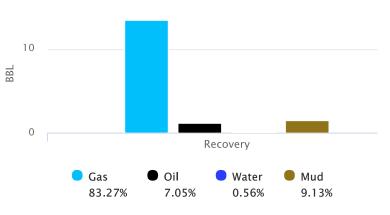
Total Recovered: 1134 ft

Total Barrels Recovered: 16.13682

| Reversed Out |
|--------------|
| NO |

| Initial Hydrostatic Pressure | 1541 | PSI |
|------------------------------|-----------|-----|
| Initial Flow | 11 to 83 | PSI |
| Initial Closed in Pressure | 978 | PSI |
| Final Flow Pressure | 83 to 137 | PSI |
| Final Closed in Pressure | 974 | PSI |
| Final Hydrostatic Pressure | 1531 | PSI |
| Temperature | 97 | °F |
| | | |
| Pressure Change Initial | 0.4 | % |
| Close / Final Close | | |

Recovery at a glance





Inc

DST #2

Lease: Sprawka #1

SEC: 12 TWN: 18S RNG: 12W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 GL Field Name: Tritsch

Pool: Infield Job Number: 101

DATE January

> 17 2018

Formation: Lansing G-L

Test Interval: 3222 -

Total Depth: 3374'

3374'

Time On: 03:35 01/17

Time Off: 10:51 01/17

Time On Bottom: 05:18 01/17 Time Off Bottom: 08:33 01/17

REMARKS:

IF: 1" Blow- Built to BB in 11 mins.

IS:1/2" BB

FF:2" Blow- Built to BB in 4 mins

FS:3 1/2" BB

Diesel in bucket

Tool Sample:

60% O 10% W 30% M



Inc

Lease: Sprawka #1

SEC: 12 TWN: 18S RNG: 12W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 GL Field Name: Tritsch

Pool: Infield Job Number: 101

DATE January 17

2018

DST #2 Formation: Lansing G-L

Test Interval: 3222 -

Total Depth: 3374'

3374'

Time On: 03:35 01/17 Time Off: 10:51 01/17

Time On Bottom: 05:18 01/17 Time Off Bottom: 08:33 01/17

Down Hole Makeup

Heads Up: 36.65 FT Packer 1: 3216.98 FT

Drill Pipe: 3233.47 FT Packer 2: 3221.98 FT

ID-3 1/2

Top Recorder: 3208.98 FT

Weight Pipe: 0 FT **Bottom Recorder:** 3355 FT

ID-2 7/8

Collars: 0 FT Well Bore Size: 7 7/8

ID-2 1/4

1" **Surface Choke:**

Test Tool: 26.16 FT **Bottom Choke:** 5/8"

ID-3 1/2-FH

Total Anchor: 152.02

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 3 FT

4 1/2-FH

Change Over: .5 FT

Drill Pipe: (in anchor): 127.02 FT

ID-3 1/2

Change Over: .5 FT

Perforations: (below): 20 FT

4 1/2-FH



Inc

Lease: Sprawka #1

SEC: 12 TWN: 18S RNG: 12W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 GL Field Name: Tritsch

Pool: Infield Job Number: 101

DATEJanuary **17**2018

DST #2 Formation: Lansing G-L

Test Interval: 3222 -

Total Depth: 3374'

3374'

Time On: 03:35 01/17 Time Off: 10:51 01/17

Time On Bottom: 05:18 01/17 Time Off Bottom: 08:33 01/17

Mud Properties

Mud Type: Chemical Weight: 8.8 Viscosity: 52 Filtrate: 8.8 Chlorides: 4000 ppm



Inc

Lease: Sprawka #1

SEC: 12 TWN: 18S RNG: 12W

Total Depth: 3408'

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 GL Field Name: Tritsch

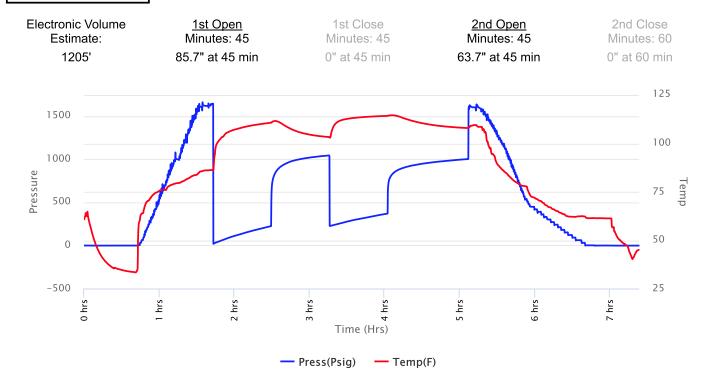
Pool: Infield Job Number: 101

DATEJanuary **17**2018

DST #3 Formation: Arbuckle Test Interval: 3392 -

3408'

Time On Bottom: 21:35 01/17 Time Off Bottom: 00:50 01/18





Inc

Lease: Sprawka #1

SEC: 12 TWN: 18S RNG: 12W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 GL Field Name: Tritsch

Pool: Infield Job Number: 101

DATEJanuary **17**2018

DST #3 Formation: Arbuckle Test Interval: 3392 - Total Depth: 3408'

Time On Bottom: 21:35 01/17 Time Off Bottom: 00:50 01/18

Recovered

| <u>Foot</u> | <u>BBLS</u> | Description of Fluid | <u>Gas %</u> | <u>Oil %</u> | <u>Water %</u> | <u>Mud %</u> |
|-------------|-------------|----------------------|--------------|--------------|----------------|--------------|
| 945 | 13.44735 | Ο | 0 | 100 | 0 | 0 |
| 63 | 0.89649 | SLWCSLGCOCM | 16 | 28 | 10 | 46 |

Total Recovered: 1008 ft

Pressure Change Initial

Close / Final Close

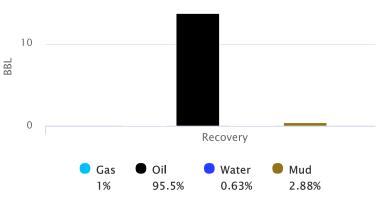
Total Barrels Recovered: 14.34384

| Reversed Out |
|--------------|
| |
| NO |
| |

| Initial Hydrostatic Pressure | 1618 | PSI | |
|------------------------------|------------|-----|---|
| Initial Flow | 20 to 225 | PSI | 2 |
| Initial Closed in Pressure | 1044 | PSI | |
| Final Flow Pressure | 226 to 371 | PSI | |
| Final Closed in Pressure | 1002 | PSI | |
| Final Hydrostatic Pressure | 1602 | PSI | |
| Temperature | 115 | °F | |
| | | | |

4.0

Recovery at a glance





Inc

Lease: Sprawka #1

SEC: 12 TWN: 18S RNG: 12W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 GL Field Name: Tritsch

Pool: Infield Job Number: 101

DATEJanuary **17**2018

DST #3 Formation: Arbuckle Test Interval: 3392 - Total Depth: 3408'

Time On: 19:54 01/17 Time Off: 03:05 01/18

Time On Bottom: 21:35 01/17 Time Off Bottom: 00:50 01/18

REMARKS:

IF: 1 1/2" blow - built to BOB in 4 mins.

IS: NoBB

FF: 1 1/2" blow - built to BOB in 5 1/2 mins.

FS: NoBB

Diesel in bucket.

Tool sample:

100% O

Gravity: 38.2 @ 60 degrees F



Inc

DST #3

Lease: Sprawka #1

SEC: 12 TWN: 18S RNG: 12W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 GL Field Name: Tritsch

Pool: Infield Job Number: 101

5/8"

DATE

January **17** 2018 Formation: Arbuckle Tes

Test Interval: 3392 -

Total Depth: 3408'

3408'

Time On: 19:54 01/17 Time Off: 03:05 01/18

Time On Bottom: 21:35 01/17 Time Off Bottom: 00:50 01/18

Down Hole Makeup

Heads Up: 25.57 FT **Packer 1:** 3387 FT

Drill Pipe: 3392.41 FT **Packer 2:** 3392 FT

ID-3 1/2 **Top Recorder:** 3379 FT

Weight Pipe: 0 FT Bottom Recorder: 3394 FT

ID-2 7/8

Collars: 0 FT Well Bore Size: 7 7/8

ID-2 1/4 Surface Choke: 1"

Test Tool: 26.16 FT **Bottom Choke:**

ID-3 1/2-FH **Total Anchor:** 16

Anchor Makeup

Packer Sub: 1 FT

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): 15 FT

4 1/2-FH



Inc

Lease: Sprawka #1

SEC: 12 TWN: 18S RNG: 12W

County: BARTON State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 1847 GL Field Name: Tritsch

Pool: Infield Job Number: 101

DATEJanuary

17 2018

DST #3 Formation: Arbuckle

Test Interval: 3392 -

Total Depth: 3408'

3408'

Time On: 19:54 01/17 Time Off: 03:05 01/18

Time On Bottom: 21:35 01/17 Time Off Bottom: 00:50 01/18

Mud Properties

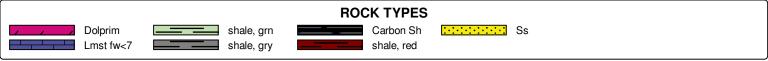
Mud Type: Chemical Weight: 9.1 Viscosity: 48 Filtrate: 9.2 Chlorides: 5000 ppm

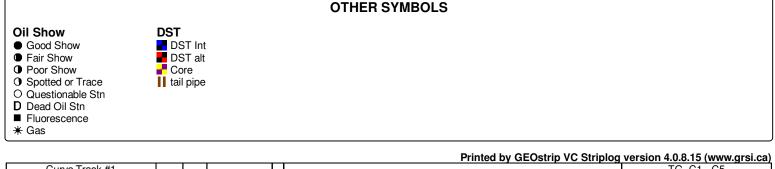


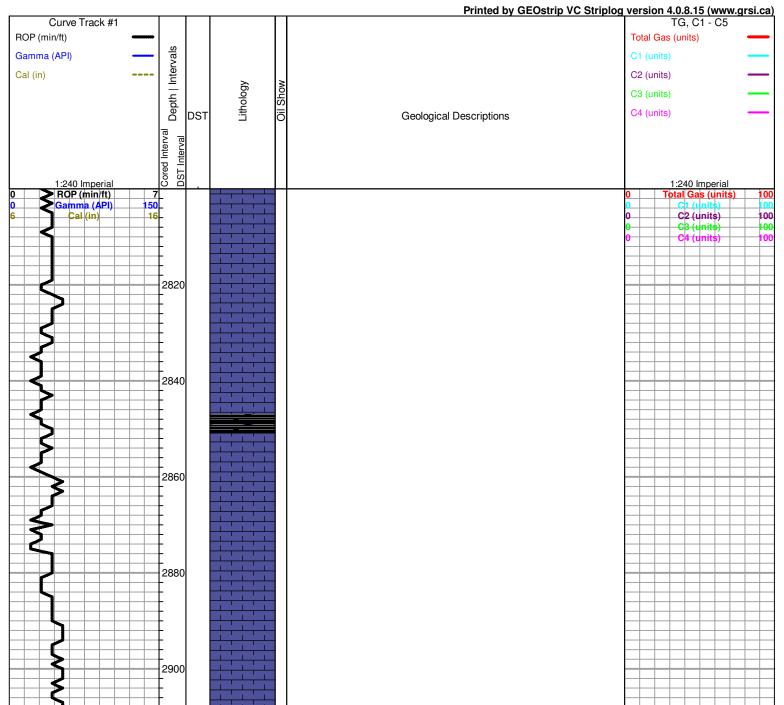
GEOLOGIST'S REPORT

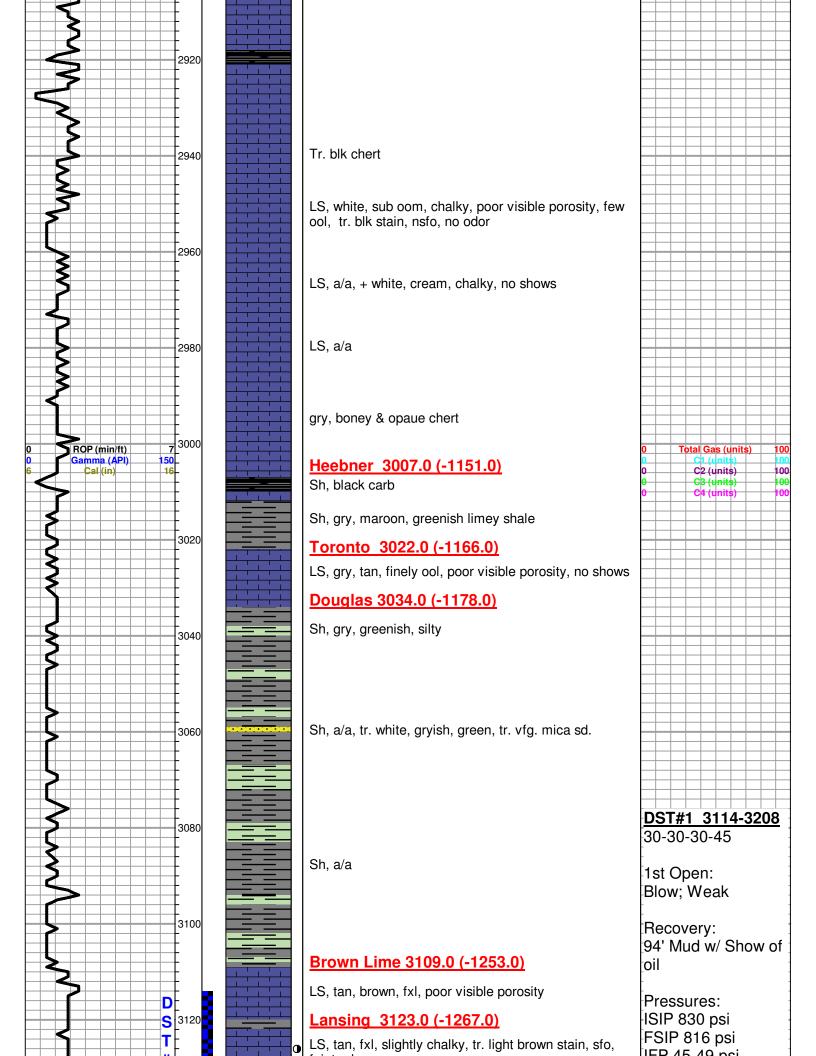
| | DRILLING TIME | AND SAMPLE | LOG | | |
|-----------------------|--|------------------------------|-----------|---------|-----|
| COMPANY RJM Co. | | | | ELEVATI | ONS |
| LEASESprawka #1 | KB_1856' | | | | |
| FIELD <u>Tritsch</u> | | | | | |
| LOCATION _SW-SW-N | DF | | | | |
| SEC_12TWS | GL_1848' Measurements Are All From_KB | | | | |
| COUNTY_Barton | | | | | |
| CONTRACTOR Southwi | CAS I NG SURFACE 8 5/8"@ 370' PRODUCTION_5 1/2"@ 3391' | | | | |
| SPUD <u>1/12/2018</u> | | | | | |
| RTD3409' | ELECTRICAL SURVEYS | | | | |
| MUD UP 2800' | Pionee | er; DIL, M EL, | CNL/DNL | | |
| SAMPLES SAVED FRO |)M2 | 800' | _TO | RTD | |
| DRILLING TIME KEF | | | | | |
| SAMPLES EXAMINED | | | | | |
| GEOLOGICAL SUPERV | | | | | |
| GEOLOGIST ON WELL | Jin | n Musgrove | | | |
| FORMATION TOPS | LOG | SAMPLES | | | |
| Anhydrite | 714 (+1142) | | | | |
| B. Anhydrite | 738 (+1118) | | | | |
| Heebner | 3006 (-1150) | 3007 (-1151) | | | |
| Toronto | 3026 (-1170) | 3022 (-1166) | _ | | |
| Douglas Brown Lime | 3037 (-1181) 3111 (-1255) | 3034 (-1178) 3109 (-1253) | $-\mid$ × | 12 | - |

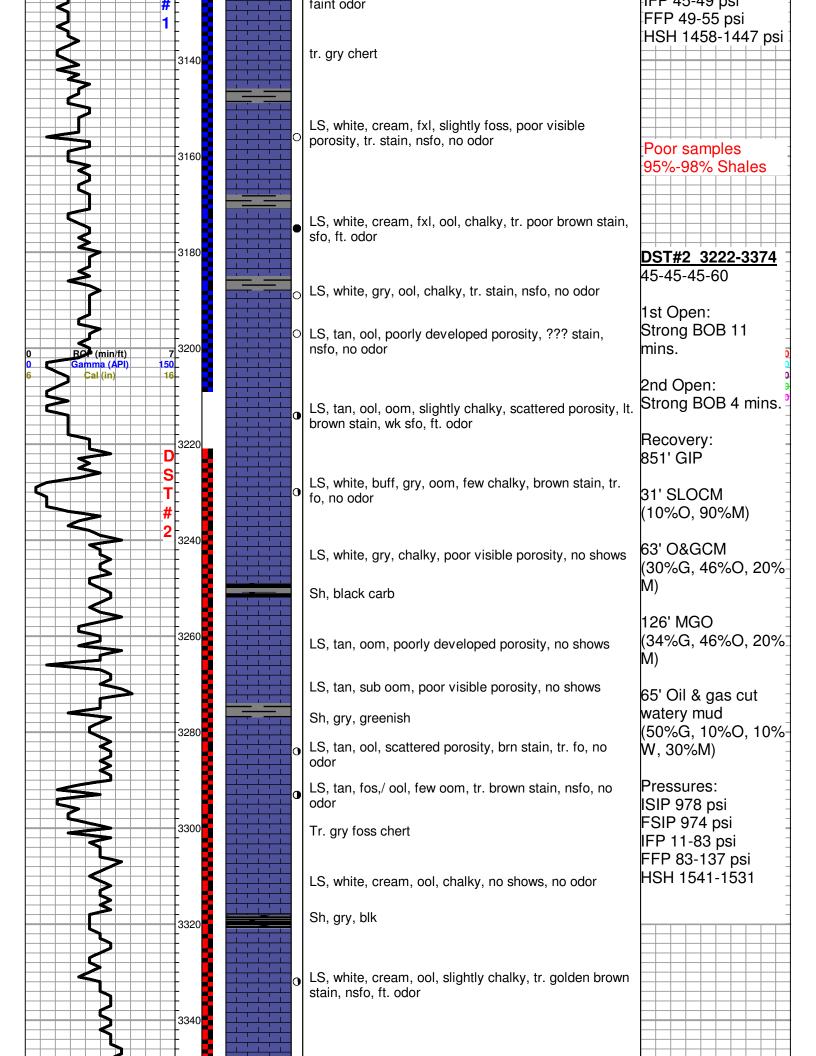
| Base KC | 3372 (-1516) | 3371 (-1515) | |
|------------|------------------------------|------------------------------|--|
| Arbuckle | 3391 (-1535) | 3388 (-1532) | |
| RTD LTD | 3408 (-1552) 3409 (-1553) | 3408 (-1552) 3409 (-1553) | |

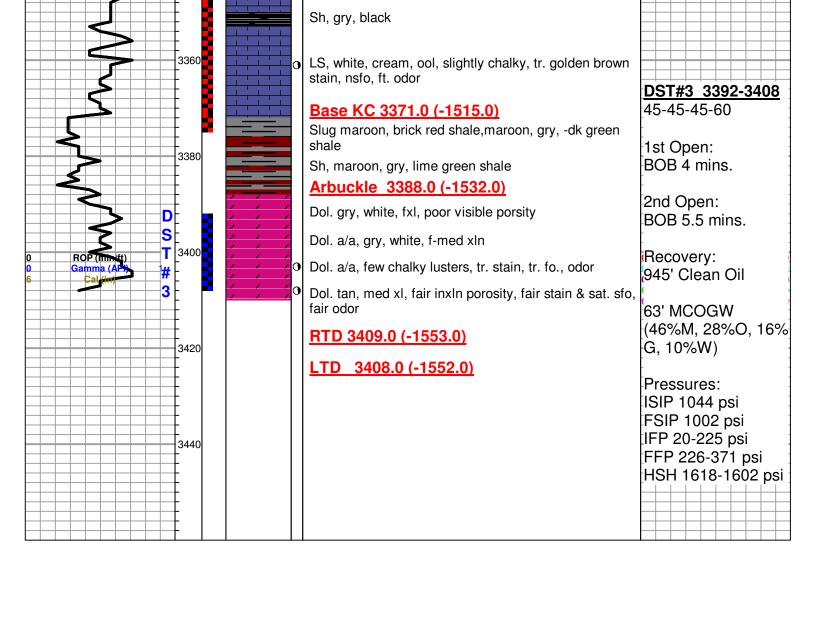












QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 637

| OCII 703-324-1041 | | | | | | | - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | |
|---|-----------------|---|---|-------------------------|---|---|--|--|--------------------------|
| Date 1-18-18 | Sec. | Twp. | Range | Ba | County | 11/ | ate | On Location | 7!00 PW |
| Date 1-10-10 | 12 | 10 | 12 | l- o dita | | 15 | EI | ODic Rd. | 1/2 5 E/S |
| 5000 | ·ka | 181 | | Locati | | netton | 1 15 | ODIO BEL | 1723 175 |
| Lease Sprawka Well No. | | | Owner To Quality Oilwell Cementing, Inc. | | | | | | |
| Contractor Southwind 3 | | | You are hereby requested to rent cementing equipment and furnish | | | | | | |
| Type Job Longstring | | | cementer and helper to assist owner or contractor to do work as listed. Charge KT MA C | | | | | | |
| Hole Size 77/3" T.D. 34/09/ | | | | To DIVI Company | | | | | |
| Csg. 5½" New 15.50th Depth 33951 | | | | Street | | | | | |
| Tbg. Size | 1.50 | Depth | 0 6 | 7 | City | No. | | State | |
| 1001 | | Depth | 9.5 | | | | The state of the s | nd supervision of owner | 13 1 |
| Cement Left in Csg. | Coo' | Shoe Jo | int Colo | 0 | Cement Am | | | | 5% Gulsonite |
| Meas Line | FOLUDI | Displace | 80% | 1505 | 0 | Lum li | Clear | 48 | S ETAIL TO THE |
| No. Cem | EQUIPN enter | AEN1 | 1966 il biuert | 7 h a, 11 | Common | 180 | LICE IN T | 5 (Sec.) | THE SO VIEWERS |
| Pumptrk 16 Help | er) | Cavis | | | Poz. Mix | | | | |
| Bulktrk 14 No. Drive | r - 01 | dan | incertain | 7 (27) | Gel. 19 19 19 19 19 19 19 19 19 19 19 19 19 | | | | |
| Bulktrk P. W. Drive | r Ki | cK | ob a Proce | | Calcium | | | | |
| JOB SI | ERVICES | & REMAP | RKS | Disable 1 | Hulls the solvies for a 101 years and a 101 years | | | | |
| Remarks: | | | | Salt /5 | | | | | |
| Rat Hole | en od he | rig ramma | of sales | Lymanad | Flowseal | | | | |
| Mouse Hole | | | | Kol-Seal 750 # | | | | | |
| Centralizers 1-9 | | | | Mud CLR 48 500 906 | | | | | |
| Baskets 2 + 6 | | | | CFL-117 or CD110 CAF 38 | | | | | |
| D/V or Port Collar Di De on bottom break Circulation | | | | Sand | | | | | |
| pump 500 adl | mud | Clear | 111 | wa. | Handling | 103 | | Fig. (Little ed. by P. F. | such latter of damping |
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| w/ 130 sx sh | ut do | wn li | lash pun | nn 4 16 | | FLOA | T EQUIPM | ENT | *** |
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| | 100 | | | | Float Shoe | 1 | | | |
| Land Oliver to 1500 # | | | Latch Down | | | | | | |
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| X Signature July | nier | elphy pd | Harta YTDJA | EK Vet or | 5 16W (5) | | | Total Charge | e mun a manaran |
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GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwith-standing the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.
- -ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.
- PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.
- TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.
- PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.
- DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.
- SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.
- 2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.
- 3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation
under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE,
EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR
FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall
be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential,
special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

- 2. More specifically:
- (A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 633

Sec. Twp. **Finish** Range County State On Location 12 18 Well No. Lease Owner To Quality Oilwell Cementing, Inc. 女へ Contractor You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. Type Job Hole Size T.D. ompan Depth Csg. Street Depth Tbg. Size City State Tool Depth The above was done to satisfaction and supervision of owner agent or contractor. Cement Amount Ordered Cement Left in Csq. Shoe Joint Meas Line Displace **EQUIPMENT** Common No. Cementer-Helper **Pumptrk** Poz. Mix No. Driver Driver Bulktrk Gel. No. Driver ∠Bulktrk Calcium Driver **JOB SERVICES & REMARKS** Hulls Remarks: (P Salt Rat Hole **Flowseal** Mouse Hole Kol-Seal Centralizers Mud CLR 48 **Baskets** CFL-117 or CD110 CAF 38 D/V or Port Collar Sand Handling Mileage **FLOAT EQUIPMENT Guide Shoe** Centralizer **Baskets** AFU Inserts Float Shoe Latch Down Pumptrk Charge S Mileage Tax Discount X Signature **Total Charge**

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