KOLAR Document ID: 1682431

| Confident | tiality 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 | - DESCRIP | WEII & | IFASE |
|------|---------|-----------|---|-------|
| | INSIONI | | $\mathbf{W} \mathbf{L} \mathbf{L} \mathbf{L} \boldsymbol{\alpha}$ | LLASL |

| OPERATOR: License # | API No.: |
|---|--|
| Name: | Spot Description: |
| Address 1: | |
| Address 2: | Feet from Dorth / South Line of Section |
| City: State: Zip:+ | Feet from East / West Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | |
| CONTRACTOR: License # | GPS Location: Lat:, Long: |
| Name: | (e.g. xx.xxxx) (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: |
| | Producing Formation: |
| | Elevation: Ground: Kelly Bushing: |
| | 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) |
| | Chloride content: ppm Fluid volume: bbls |
| Commingled Permit #: | Dewatering method used: |
| Dual Completion Permit #: | |
| SWD Permit #: | Location of fluid disposal if hauled offsite: |
| EOR Permit #: | Operator Name: |
| GSW Permit #: | Lease Name: License #: |
| | Quarter Sec TwpS. R East West |
| Spud Date orDate Reached TDCompletion Date orRecompletion DateRecompletion 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 III Approved by: Date: | | | | | |

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| Operator Name: | Lease Name: | Well #: |
|-------------------------|-------------|---------|
| Sec TwpS. R East 🗌 West | County: | |

Page Two

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 T (Attach Addition | | | | Yes 🗌 No | | L | .og Formatic | on (Top), Depth | and Datum | Sample |
|--|-------------------|-------------------------|------------|----------------------------------|---|-----------------------------------|----------------------------|---|--|-------------------------------|
| Samples Sent to | <i>.</i> | Survey | | Yes 🗌 No | | Nam | e | | Тор | Datum |
| Cores Taken Electric Log Run Geologist Report List All E. Logs R | / Mud Logs | - | | Yes No Yes No Yes No | | | | | | |
| | | | Rep | CASING port all strings set-c | | _ Ne | | on, etc. | | |
| Purpose of Str | ring | Size Hole Drilled | | ize Casing et (In O.D.) | Weight Lbs. / Ft. | | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | I | I | | ADDITIONAL | CEMENTING | SQL | JEEZE RECORD | 1 | | 1 |
| Purpose: Perforate | | Depth Top Bottom | Тур | e of Cement | # Sacks Used | | Type and Percent Additives | | | |
| Protect Cas Plug Back | TD | | | | | | | | | |
| | | | | | | | | | | |
| Did you perform Does the volume Was the hydrauli | e of the total b | ase fluid of the h | ydraulic f | racturing treatment | | - | | No (If No, | skip questions 2 ar skip question 3) fill out Page Three | |
| Date of first Produc Injection: | ction/Injection | or Resumed Pro | duction/ | Producing Meth | od: | | Gas Lift 🗌 C | Other <i>(Explain)</i> | | |
| Estimated Product Per 24 Hours | tion | Oil E | 3bls. | Gas | Mcf | Water Bbls. Gas-Oil Ratio Gravity | | | | Gravity |
| DISPC | OSITION OF (| GAS: | | N | IETHOD OF CO | MPLE | TION: | | | DN INTERVAL: Bottom |
| Vented (If vented | Sold | Used on Lease D-18.) | | Open Hole | Perf. Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4) | | | | | |
| Shots Per Foot | Perforatio Top | | | Bridge Plug Set At | | Acid, | | Cementing Squeeze (ind of Material Used) | | |
| | | | | | | | | | , | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD | D: Siz | ze: | Set At | : | Packer At: | | | | | |

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

| Form | ACO1 - Well Completion | |
|-----------|-------------------------------|--|
| Operator | Bobcat Oilfield Service, Inc. | |
| Well Name | SPINDLE 8W-22 | |
| Doc ID | 1682431 | |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|----|----------------------------------|
| Surface | 8.75 | 6 | 10 | 20 | PORTLAN D | 5 | 50/50 POZ |
| Production | 5.625 | 2.875 | 8 | 442 | PORTLAN D | 78 | 50/50 POZ |
| | | | | | | | |
| | | | | | | | |

| Lease: | Spindle | | | | Well #: 8W-22 |
|-----------------------|--------------------------|--------------------|-------------------------------|-------------------|--|
| Owner: | Bobcat Oilfield | Service LLC | Dale Jackson Pro | oduction Co. | Location: NESESESW Sec18 Twp17 S. R.24 |
| OPR #: | 3895 | | Box 266, Mound City, KS 66056 | E | |
| Contractor: | DALE JACKSON | N PRODUCTION CO. | Cell # 620-363-2683 | | |
| OPR #: | 4339 | | Office # 620- | 363-2696 | FSL: FEL: |
| Surface: 20' of 6" | Cemented: 5 Sacks | Hole Size: 8 ¾" | | | API#: 15-121-31772-00-00 |
| Longstring: | Cemented: | Hole Size: | | | Started: 12-9-2022 |
| 441.5' 2 7/8 | 78 Sacks | 5 5/8 | | | Completed: 12-12-2022 |
| 8rd | 31 Portland 47 Flyash | | SN: None Packer: None | | TD: 456' |
| | | | Plugged: None | Bottom Plug: None | |
| | WellIo | a | | | |

Well Log

| TKN | BTM Depth | Formation | TKN | BTM Depth | Formation |
|-----|--------------|---|-----|--------------|--|
| 2 | 2 | Topsoil | 4 | 431 | Red Bed |
| 3 | 5 | Clay (Rocks) | 13 | 444 | Shale |
| 15 | 20 | Lime | TD | 456 | Lime (Strong Odor) (Slight Oil Show 444-450) |
| 22 | 42 | Shale | | | |
| 10 | 52 | Lime | | | |
| 1 | 53 | Coal | | | |
| 4 | 57 | Lime | | | |
| 8 | 65 | Sandy Shale | | | |
| 5 | 70 | Sand | | | |
| 15 | 85 | Shale | | | |
| 3 | 88 | Lime | | | |
| 18 | 106 | Shale | | | |
| 3 | 109 | Sandy Shale (Odor) | | | |
| 2 | 111 | Sand (Strong Odor) (Slight Oil Show) | | | |
| 24 | 135 | Shale (Limey) | | | |
| 13 | 148 | Lime | | | |
| 12 | 160 | Shale | | | |
| 33 | 193 | Lime (Slight Odor 181-193) | | | |
| 3 | 196 | Coal | | | |
| 19 | 215 | Lime | | | |
| 4 | 219 | Black Shale | | | |
| 15 | 234 | Lime | | | |
| 5 | 239 | Shale (Limey) | | | |
| 21 | 260 | Sandy Shale (Limey) | | | |
| 5 | 265 | Sand | | | |
| 10 | 275 | Sandy Shale | | | |
| 20 | 295 | Shale | | | |
| 5 | 300 | Sandy Shale (Limey) | | | |
| 54 | 354 | Shale | | | |
| 2 | 356 | Shale (Limey) | | | |
| 5 | 361 | Sandy Shale (Limey) | | | |
| 18 | 379 | Shale (Limey) | | | |
| 6 | 385 | Black Shale | | | |
| 5 | 390 | Light Shale | | | |
| 1 | 391 | Oil Sand (Shaley) (Fair Bleed) | | | |
| 1 | 392 | Oil Sand (Some Lime) (Fair Bleed) | | | |
| 2 | 394 | Oil Sand (Limey) (Poor Bleed) | | | |
| 2 | 396 | Oil Sand (Some Lime) (Fair Bleed) | | | |
| 2 | 398 | Oil Sand (Some Lime) (Poor Bleed) | | | |
| 2 | 400 | Oil Sand (Some Lime) (Fair Bleed) | | | |
| 1 | 401 | Oil Sand (Shaley) (Fair Bleed) | | | |
| 6 | 407 | Sandy Shale (Oil Sand Stk) (Poor Bleed) | | | |
| 20 | 427 | Shale | | | |
| | · - · | | | | |



Dale Jackson Production Co. Box 266, Mound City, KS 66056 Cell # 620-363-2683 Office # 620-363-2696

