KOLAR Document ID: 1675674

| Confiden | 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 - | DESCRIPT | FII & | |
|-------|------------------|----------|-------|-------|
| VVELL | HISIONI - | DESCRIPT | | LEASE |

| 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.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: |
| | Producing Formation: |
| | Elevation: Ground: Kelly Bushing: |
| Gas DH EOR | Total Vertical Depth: Plug Back Total Depth: |
| OG GSW | Amount of Surface Pipe Set and Cemented at: Feet |
| CM (Coal Bed Methane) | |
| 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) |
| Commingled Permit #: | Chloride content: ppm Fluid volume: bbls |
| Commingled Permit #: Dual Completion Permit #: | Dewatering method used: |
| SWD Permit #: | Leastion of fluid diagonal if hould offeite: |
| EOR Permit #: | Location of fluid disposal if hauled offsite: |
| GSW Permit #: | Operator Name: |
| | Lease Name: License #: |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec TwpS. R East West |
| Recompletion Date 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 III Approved by: Date: |

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| Operator Name: | Lease Name: Well #: | _ |
|--------------------------|---------------------|---|
| Sec Twp S. 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 Taken (Attach Additional Sh | acate) | Y | ′es 🗌 No | | | og Formatio | n (Top), Depth a | and Datum | Sample |
|---|-------------------------------|--------------|----------------------------------|-----------------------|------|-------------------------------|-----------------------|---|-------------------------------|
| Samples Sent to Geolo | | | ⁄es 🗌 No | 1 | Name | Э | | Тор | Datum |
| Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run: | | □ Y □ Y | Yes ☐ No Yes ☐ No Yes ☐ No | | | | | | |
| | | Rep | CASING ort all strings set-c | |] Ne | w Used rmediate, productio | on, etc. | | |
| Purpose of String | Size Hole Drilled | Siz | ze Casing et (In O.D.) | Weight Lbs. / Ft. | | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | | | |
| | | | | | | | | | |
| [| | | ADDITIONAL | CEMENTING / | SQU | EEZE RECORD | | | |
| Purpose: | Depth Top Bottom | Туре | e of Cement | # Sacks Use | d | | Type and | Percent Additives | |
| Protect Casing Plug Back TD Plug Off Zone | | | | | | | | | |
| Did you perform a hydra Does the volume of the Was the hydraulic fracture | total base fluid of the | hydraulic fr | acturing treatment | | - | ☐ Yes ns? ☐ Yes ☐ Yes | No (If No, s | kip questions 2 ar kip question 3) ill out Page Three | |
| Date of first Production/Injection or Resumed Production/ Producing Method: Injection: Flowing Pumping Gas Lift | | | | | | Gas Lift 🗌 O | ther <i>(Explain)</i> | | |
| Estimated Production Per 24 Hours | Oil | Bbls. | Gas | Mcf | Wate | er Bb | ls. | Gas-Oil Ratio | Gravity |
| DISPOSITIO | N OF GAS: | | Ν | IETHOD OF COM | MPLE | TION: | | PRODUCTIC Top | DN INTERVAL: Bottom |
| Vented Sold (If vented, Subn | Used on Lease | | Open Hole | | - | · | mingled | юр | |
| | foration Perform Top Botto | | Bridge Plug Type | Bridge Plug Set At | | Acid, | | ementing Squeezend of Material Used) | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TUBING RECORD: | Size: | Set At: | | Packer At: | | | | | |

| Form | ACO1 - Well Completion |
|-----------|-------------------------------|
| Operator | Bobcat Oilfield Service, Inc. |
| Well Name | SHIELDS 38W-22 |
| Doc ID | 1675674 |

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 | Portland | 5 | 50/50 POZ |
| Production | 5.625 | 2.875 | 8 | 704 | Portland | 108 | 50/50 POZ |
| | | | | | | | |
| | | | | | | | |

| Lease: | Shields | | | | Well #: 38w-22 |
|-----------------------|----------------------------|--------------------|------------------|----------------------|-----------------------------------|
| Owner: | Bobcat Oilfield | Services Inc. | Dale Jackson Pro | oduction Co. | Location: SE NW NW NW Sec13 Twp16 |
| OPR #: | 3895 | | Box 266, Mound | City. KS 66056 | S.R.21 E |
| Contractor: | DALE JACKSON | PRODUCTION CO. | Cell # 620-3 | | County: Miami |
| OPR #: | 4339 | | | | FSL: |
| Surface: 20' of 6" | Cemented: 5 Sacks | Hole Size: 8 ¾" | 1 | | FEL: API#: 15-121-31721-00-00 |
| Longstring: | 5 Sacks Cemented: | 8 % Hole Size: | | | Started: 8/31/2022 |
| Longotting. | 108 Sacks | 5 5/8 | | | Completed: 9/1/2022 |
| 704' 2 7/8 8rd | (49 flyash-59 Portland) | | SN: None | Packer: None | TD: 710' |
| | | | Plugged: None | Bottom Plug: None | |

Well Log

| 22Topsoil1652Coal46Clay2654Shale410Lime1655Light Shale717Shale1656Light Sandy Shale3754Lime1657Lime (Oil Sand Stk) (Fair Bleed)660Shale2659Oil Sand (Some Shale) (Good Bleed)565Red Bed6665Oil Sand (Very Little Shale) (Good Bleed)576Sand2667Sandy Shale (Oil Sand Stk) (Por Bleed)1086Sand, Shale1½670 ½Oil Sand (Shaley) (Good Bleed)10130Sandy ShaleTD710Shale62192ShaleTD710Shale |) |
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| 10 130 Sandy Shale TD 710 Shale 62 192 Shale | 1 |
| 62 192 Shale |) |
| | |
| 22 214 Lime | |
| | |
| 23 237 Shale | |
| 6 243 Light Shale (Limey) | |
| 9 252 Lime | |
| 11 263 Shale | |
| 14 277 Sand (Limey) | |
| 3 280 Lime | |
| 27 307 Shale | |
| 25 332 Lime | |
| 5 337 Black Shale | |
| 2 339 Light Shale | |
| 24 363 Lime | |
| 4 367 Black Shale | |
| 22 389 Lime | |
| 100 489 Shale | |
| 10 499 Light Shale (Limey) | |
| 21 520 Shale | |
| 25 545 Light Shale (Limey) | |
| 12 557 Lime | |
| 13 570 Shale (Limey) | |
| 5 575 Coal | |
| 8 583 Light Shale | |
| 11 594 Lime | |
| 9 603 Shale | |
| 5 608 Lime (Strong Odor) | |
| 7 615 Coal | |
| 1 616 Light Shale | |
| 21 637 Lime | |
| 8 645 Shale | |
| 6 651 Lime | |



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

