KOLAR Document ID: 1383375

| 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 | - DESCRIP | WEII & | IFASE |
|------|---------|-----------|--------|-------|
| | INSIONI | | | 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.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: | | | | | |
| | Total Vertical Depth: Plug Back Total Depth: | | | | | |
| | Amount of Surface Pipe Set and Cemented at: Feet | | | | | |
| CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): | Multiple Stage Cementing Collar Used? | | | | | |
| | If yes, show depth set: Feet | | | | | |
| If Workover/Re-entry: Old Well Info as follows: | | | | | | |
| 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 | | | | | |
| 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 III Approved by: Date: |

KOLAR Document ID: 1383375

| 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 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 | | | |
| Perforate | | Туре | e of Cement | # Sacks Use | s Used 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/Inj Injection: | jection or Resumed Pr | oduction/ | Producing Meth | iod: | | 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 | | - | · | nit ACO-4) | юр | Bollom |
| | 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 | Black Gold Kansas George, LLC |
| Well Name | GEORGE 8 |
| Doc ID | 1383375 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|----|----------------------------------|
| Surface | 9.875 | 7 | 17 | 22 | Portland | 4 | NA |
| Production | 5.875 | 2.875 | 6.5 | 652 | Class A | 83 | See Ticket |
| | | | | | | | |
| | | | | | | | |



Operator:

Black Gold Kansas George, LLC

George #8

Bourbon Co, KS 19-25-22E API #011-24571-00-00

| Spud Date: | 10/3/2017 | Surface Bit: | 9.875" |
|-----------------|-----------|------------------|-----------|
| Surface Casing: | 7.0" | Drill Bit: | 5.875" |
| Surface Length: | 22' | Longstring: | 652.05' |
| Surface Cement: | 4 sx | Longstring Date: | 10/5/2017 |
| Longstring: | | | |

Driller's Log

| Тор | Bottom | Formation | Comments |
|-----|--------|-----------|----------|
| 0 | 16 | Lime | |
| 16 | 18 | Shale Blk | |
| 18 | 23 | Lime | |
| 23 | 30 | Shale | |
| 30 | 47 | Lime | |
| 47 | 98 | Shale | |
| 98 | 104 | Lime | |
| 104 | 210 | Shale | |
| 210 | 214 | Lime | |
| 214 | 219 | Shale | |
| 219 | 225 | Lime | |
| 225 | 238 | Shale | |
| 238 | 242 | Red Bed | |
| 242 | 311 | Shale | |
| 311 | 334 | Lime | |
| 334 | 352 | Shale | |
| 352 | 353 | Lime | |
| 353 | 380 | Shale | |
| 380 | 394 | Lime | |
| 394 | 401 | Blk Shale | |
| 401 | 405 | Shale | |
| 405 | 407 | Lime | |
| 407 | 516 | Shale | |
| 516 | 517 | Lime | |
| | | | |

| | | Geo | rge #8 |
|-------|-------|-----------|--|
| | | | on Co., KS |
| 517 | 554 | Shale | |
| 554 | 556 | Sand | Slight odor, laminated sand, mostly shale |
| 556 | 558 | Sand | Slight bleed, good odor, solid sand, soft. |
| 558 | 595 | Shale | |
| 595 | 602 | Grey Sand | Grey sand, no odor |
| 602 | 606 | Grey Sand | Laminated, slight odor, |
| | | | slight bleed in samples. |
| 606 | 611 | Grey Sand | Laminated sand, soft. |
| 611 | 616.5 | Grey Sand | Laminated, water sand |
| 616.5 | 641 | Shale | |
| 641 | 645 | Blk Sand | |
| 645 | 645.5 | Lime | |
| 645.5 | 657 | Shale | |
| 657 | 661 | Sand | Slight bleed to pit, good odor. |
| 661 | 668 | Shale | |
| 668 | | TD | |

Top perf. 603 Bottom Perf. 611



250 N. Water, Ste 200 - Wichita, Ks 67202

HURRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

| | | | | HUKKICAN | LJLKVIC | | | | | | | | | |
|---|---|--------------------------|--------------------|---------------------------------------|--------------------|------------------------|--------------------|-----------------|-----------|----------|-----------|--|--|--|
| Customer | Black Gol | d Kansas Geo | rge, LLC | | Customer Name: | Chris McGow | ın (REP.) | Ticket No.: | | 7 | | | | |
| Address: | 3825 Edwa | 3825 Edwards RD #200 | | | Contractor: | McGown Dril | ling | Date: | 10/5/2017 | | | | | |
| City, State, Zip: | | Cincinnati, | Ohio 452 | 09 | Job type | Longstring | | Well Type: | Oil | | | | | |
| Service District: | Madison, | Ks | | | Well Details: | Sec | | Twp: | | R: | | | | |
| Well name & No. | lo. George # 8 | | | Well Location: | Bronson | County: | Bourbon | State: | | Kansas | | | | |
| Equipment # | Driver | Equipment # | Driver | Equipment # | Driver | TRUCK CALL | .ED | | | AM PM | TIME | | | |
| 230 | Kevin | | | | | ARRIVED AT | | | | AM PM | 11:00 | | | |
| 241 | Ron | | | | START OPER | ATION | | | AM PM | | | | | |
| 26 | Jake | | | | | FINISH OPER | ATION | | | AM PM | | | | |
| | | | | | | RELEASED | | | | AM PM | 11:45 | | | |
| | | | | | | MILES FROM | STATION TO | O WELL | | | 38 | | | |
| | | | | | | | | | | | | | | |
| Product/Service Code | Description | | | | Unit of Measure | Quantity | List Price/Unit | Gross Amount | | | Net Amoun | | | |
| :001 | | iip. One Way | | | mi | 38.00 | \$3.25 | \$123.50 | | | \$93.8 | | | |
| :004 | Minimum T | on Mile Charg | е | | ea | 1.00 | \$300.00 | \$300.00 | | | \$228.0 | | | |
| :020 | Cement Pu | ımp | | | ea | 1.00 | \$675.00 | \$675.00 | | | \$513.0 | | | |
| p006 | Regular - C | Class A Cemen | nt | | sack | 83.00 | \$16.25 | \$1,348.75 | | | \$1,025.0 | | | |
| p014 | Bentonite (| Gel | | | lb | 157.00 | \$0.30 | \$47.10 | | | \$35.8 | | | |
| p015 | Calcium - 0 | Chloride | | | lb | 235.00 | \$1.00 | \$235.00 | | | \$178.6 | | | |
| p038 | Rubber Plu | ıg 2 7/8 | | | ea | 1.00 | \$30.00 | \$30.00 | | | \$22.8 | | | |
| p030 | Mud Flush | | | | gal | 210.00 | \$1.00 | \$210.00 | | | \$159.6 | | | |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| ERMS: Cash in advand redit terms of sale for a | | | , ,, | | | | Gross: | \$ 2,969.35 | Net: | | \$2,256.7 | | | |
| ate of invoice. Past due | accounts may p | pay interest on the ba | lance past due | at the rate of 1 1/2% per | Total | Taxable | \$ - | Tax Rate: | | | | | | |
| onth or the maximum sser amount. In the ev | ent it is necessar | ry to employ an agen | cy and/or attorn | ey to affect the | | rvice treatments desig | | | Sele T | • | | | | |
| ollection of said accour uch collection. In the ev | | | | | | on on newly drilled or | | | Sale Tax: | | | | | |
| ght to revoke any and a | all discounts prev | viously applied in arriv | /ing at net invoic | e price. Upon | | not taxable. | | · - | Total: | \$ | 2,256.7 | | | |
| | voice price without discount will become immediately due and subject to ted are estimates only and are good for 30 days from the date of issue. Pricin | | | become immediately due and subject to | | | | | 10/5/2017 | | | | | |

collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pric does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Discount rate is based on 30 days net payment terms or cash. DISCLAIMER NOTICE:

This technical data is presented in good faith, but no warranty is given by and H.S.I assumes no liability for advice or recommendations made concerning results to be obtained from the use of any product or service. The information presented is HSI best estimate of the actual results that may be achieved and should be used for comparison purposes and make no guarantee of future production performance. Customer warrants that well and all associated equipment in acceptable condition to receive services by H.S.I. Likewise, the customer will guarantee proper operational care of all customer owned production and associated equipment, while H.S.I. is on location performing services which could adversely affect the performance of such services.

Authorization below acknowledges receipt and acceptance of all terms and conditions stated above.

HSI Representative: Jake Heard Chris McGown was on location as the company repersentive.

CEMENTING LOG

| Company | Black Gold Kansas Geor | ge,LLC Lease 0 | | | Well Name/No. | George # 8 | |
|---------------------|------------------------|---|-------------------|-----------------|---------------|------------|--|
| Company Type Job | | Type & Amt | Material | Class A 2% ge | | George # 0 | |
| Field | Longstring 0 | Ticket Num | | 50159 | 21 5% CC | | |
| | - | Ticket Num | | 20122 | | | |
| CASING DAT | | | | | | | |
| Size | 2.875 | | Weight | | 6.4 Co | llar | |
| Casing Depth | | 0 Bottom | 652 | | | | |
| Drill Pipe: | Size | Weight | Collars | | | | |
| Open Hole: | Size | 5.875 T.D. (ft) | 658 P.B. to | (ft) | | | |
| CAPACITY FA | | | | - | | | |
| Casing | Bbls/Lin. ft. | | 0.00579 Lin. ft., | | | | |
| Open Holes | Bbls/Lin. ft. | | Lin. ft., | | | | |
| Drill Pipes | Bbls/Lin. ft. | | Lin. ft., | | | | |
| Annulus | Bbls/Lin. ft. | | 0.0255 Lin. ft., | | | | |
| Porforations | Bbls/Lin. ft. | То | Lin. ft., | | | | |
| Perforations | From (ft) | 10 | Amour | IL | | | |
| CEMENT DAT | | | | | | | |
| Spacer Type | Mudflush | 2 | | | | | |
| Amt. 5 BBL | Sks Yield | ft ³ / _{sk} Densit | ty (PPG) | | | | |
| | | | | | | | |
| LEAD | | | | | | | |
| Pump Time (I | hrs) | Туре | | Excess | | | |
| Amt. | Sks Yield | ft ³ / _{sk} Densit | y (PPG) | | | | |
| TAIL | | | | | | | |
| Pump Time (I | hrs) | Type A 29 | % Gel 3% C.C | Excess | | 25% | |
| Amt. | 83 Sks Yield | 1.41 ft ³ / _{sk} Densit | y (PPG) | | | 14.8 | |
| WATER | | • | | | | 1 | |
| Lead | gals/sk | Tail | 6.85 | gals/sk Total (| Bbls.) | 13.53 | |
| Pump Trucks | - | - | | 0 | , | 230 | |
| Bulk Equipme | | | | | | | |
| | | | | | | | |
| | | | | | | 241 | |
| | ent: Manufacturer | | | | | | |
| Shoe: Type | | | | Depth | | | |
| Float: Type | | | | Depth | | | |
| Centralizers: | Quantity | Plugs: Top | | Botton | n | | |
| Stage Collars | | | | | | | |
| Special Equip | | | | | | | |
| Disp. Fluid Ty | pe Freshwater | Amt. (Bbls.) | | 4 Weight | · · · | | |
| Mud Type | | | | Weight | t (PPG) | | |

COMPANY REPRESENTATIVE

Chris McGown

Jake Heard CEMENTER

| TIME | PRESSURES PSI | | FLUID PUMPED DATA | | | | |
|----------|----------------------|---------|-------------------|------------------------|---------------------|-----------------------------|--|
| AM/PM | DRILL PIPE CASING | ANNULUS | TOTAL FLUID | PUMPED/ TIME PERIOD | RATE (BBLS MIN.) | REMARKS | |
| | | | | | | On location saftey meeting | |
| | | | | | | Spot in and rig up | |
| | | | | | | Hook up to tubing | |
| 11:00 AM | 100 | | 5 | | | Break circulation | |
| | 100 | | 5 | | | Pump Mudflush | |
| | 100 | | 4 | | 4 | Pump water | |
| | 100 | | 5 | | | Pump dyed water | |
| | 180 | | 20.84 | | 4 | Mix and pump cement | |
| | | | | | | Stop | |
| | | | | | | Wash pump and lines | |
| | | | | | | Drop plug | |
| | 200 | | 4 | | 3 | Displace | |
| 11:35 AM | 1250 | | 4 | | 3 | Bump plug | |
| | 0 | | | | | Release pressure | |
| | | | | | | Shut in well | |
| | | | | | | Rig down and leave location | |
| | | | | | | Thanks Jake, Kevin and Ron | |
| | | | | | | | |
| | | | | | | | |
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