KOLAR Document ID: 1413619

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 _ 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: |
| | Producing Formation: |
| ☐ Oil ☐ WSW ☐ SWD | 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? |
| If Workover/Re-entry: Old Well Info as follows: | If yes, show depth set: Feet |
| • | If Alternate II completion, cement circulated from: |
| Operator: | • |
| Well Name: | feet depth to: 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 Approved by: Date: | | | | | | | | |

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Page Two

| Operator Name: _ | | | | Lease Name: | | | Well #: | | | |
|---|---------------------|-----------------------|------------------------------|----------------------|---------------------------------------|----------------------------|---|--|--|--|
| Sec Twp. | S. R. | Ea | ast West | County: | | | | | | |
| | flowing and shu | ıt-in pressures, w | hether 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 | . Digital electronic log | | |
| Drill Stem Tests Ta | | | Yes No | | _ | on (Top), Depth ar | | Sample | | |
| Samples Sent to G | Geological Surv | ey | Yes No | Na | me | | Тор | Datum | | |
| Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru | _ | | Yes No Yes No Yes No | | | | | | | |
| | | R | | | New Used | on, etc. | | | | |
| Purpose of Strir | | Hole | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | ADDITIONAL | CEMENTING / S | QUEEZE RECORD | I | | | | |
| Purpose: | | epth Ty | pe of Cement | # Sacks Used | | Type and Percent Additives | | | | |
| Protect Casi | | | | | | | | | | |
| Plug Off Zon | | | | | | | | | | |
| Did you perform a Does the volume o Was the hydraulic | of the total base f | luid of the hydraulic | fracturing treatment | _ | = | No (If No, sk | ip questions 2 an ip question 3) out Page Three (| , | | |
| Date of first Producti Injection: | ion/Injection or Re | 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: | | | N INTERVAL: Bottom | | |
| | _ | on Lease | Open Hole | | | mmingled mit ACO-4) | Тор | Bottom | | |
| , | , Submit ACO-18.) | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| Shots Per Perforation Perforation Bridge Plug Bridge Plug Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used) | | | | | | | | Record | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Size: | Set / | At: | Packer At: | | | | | | |
| . 5213 (1200) 10. | JIEG. | | | . 30.0.71 | | | | | | |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | Owens Petroleum LLC |
| Well Name | BRODMERKLE NORTH 24 |
| Doc ID | 1413619 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | '' | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------------------|----------|-----|----------------------------------|
| Surface | 11.75 | 7 | 20 | 40 | portland | 9 | na |
| Production | 5.875 | 2.875 | 6.5 | 977 | Pozmix | 130 | na |
| | | | | | | | |
| | | | | | | | |

Invoice # Page 88934 001 Invoice Date 02-19-2018 09:08:44

True Enterprise 1326 North Main Street LeRoy, KS 66857

(620) 964-2514

620-625-3607

SOLD TO: Scott Owens Scott Owens 1274 202 Road Yates Center, KS 66783

Please Remit To: True Enterprise, 1326 North Main, LeRoy, KS 66857

| Store | Please Remit To: True Terms | P.O.# | Order # | Type S | Sld.By Cu | st.# Slm. |
|---|--------------------------------|---------|-------------|--------|------------------|----------------|
| Quantity | | | | | | |
| 9.000 EA CL203 PORTLAND CEMENT 12.55 112.95 Taxable: 112.95 Tax: 8.47 Non-Tax: 0.00 | | | Description | | Price | Extended Price |
| Tax: 8.47 Non-Tax: 0.00 | | PORTLAN | ID CEMENT | | 12.55 | |
| Received by: Total: 121.42 | 1 | | | | Tax: Non-Tax: | |



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

HURRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

| Customer | Owens P | etroluem | | | Customer Name: | Bryson Owens | Ticket No.: | ICT1009 | | | |
|-----------------|----------------------------|-------------|--------|-------------|----------------------------|-------------------------------|-------------|---------|--------|----------|----------|
| | 1274 2020 | | | | Contractor: | Owens Date: | | | 3.9.18 | | |
| | Yates Center, Kansas 66783 | | | | Job type | Longstring Well Type: Oil New | | | | | |
| · · · · · · | Garnett, Kansas | | | | Well Details: | Sec | | Twp: | | | R: |
| Well name & No. | Broadmerkle #24 | | | | Well Location: | Neosho Falls Count | | Woodson | State | | |
| Equipment # | Driver | Equipment # | Driver | Equipment# | Driver | TRUCK CALLED | | | | AN PM | TIMI |
| 265 | Jake H | | | | | ARRIVED AT JOB | | | | <u> </u> | |
| 240 | Josh | | | | | START OPERAT | ION | | | AM PM | - |
| | | | 1 | | | FINISH OPERAT | ION | | | AM PM | |
| | - | + | + | | | RELEASED | | | | AM PAR | |
| | ├ | | + | | MILES FROM STATION TO WELL | | | | | | 39 |

| Product/Service | | Unit öf | Quantity | List Price/Unit | Gross - ' | Item Discount | | Net Amount |
|--------------------------|--|------------------|---|---|--------------------------|------------------|-------|------------|
| Code | Description | Measure mi | 39.00 | \$3.25 | \$126.75 | | | \$95.06 |
| | Heavy Equip. One Way | mi | 39.00 | \$1.50 | \$58.50 | | | \$43.88 |
| :002 | Light Equip. One Way | 1111 | 33.00 | <u> </u> | | | | |
| :003 | Ton Mileage - One way | mi | 237.00 | \$1.30 | \$308,10 | | | \$231.08 |
| | Cement Pump | ea | 1.00 | \$675.00 | \$675.00 | | | \$506.25 |
| :020 | Centent Funip | | | | | | | |
| p009 | 70/30 Pozmix Cement | sack | 130.00 | \$13.70 | \$1,781.00 | | | \$1,335.75 |
| cp016 | Bentonite Gel | lb _ | 229.00 | \$0.30 | \$68.70 | | | \$51,53 |
| cp032 | Mud Flush | gal | 200.00 | \$1.00 | \$200,00 | | | \$80,00 |
| cp032 cp046 | Rubber Plug 2 7/8" | ea | 2.00 | \$30.00 | \$60.00 | | | \$45.00 |
| Срочо | Transcri ing 1 in | | | | | | | |
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| - 10 - S each 194 | | | 图 的复数 | 50.00全套的 | 模型的编记的 | erigida (G. | 5.940 | |
| TOTAL CO. | The state of the s | | 9 · · · · · · · · · · · · · · · · · · · | # 25 | displayed by the Control | 则 创造(2) | | |
| TERMS: Coch in arth | Last turbone Canions Inc. (HSD has approved credit prior to sale. | | S STOR MANAGE SASS | Gross | \$ 3,278.05 | Net: | | \$2,388.54 |
| | | | | | <u> </u> | | | |
| 49% per month or the | or approved accounts are und involve the balance past due at the rate of 1 ast due accounts may pay interest on the balance past due at the rate of 1 maximum allowable by applicable state or federal laws if such laws limit nount, in the event it is necessary to employ an agency and/or attorney to | | Taxable | \$ - | Tax Rate | | | |
| affect the collection of | f said account, Customer nereby agrees to pay all less directly of history | Frac and Acid se | ervice treatments desi tion on newly drilled o | gned with intent to r existing wells are | | Sale Tax: | - | |
| HSI has the right to r | evoke any and all discounts previously applied in antiming of the and | 1 | not taxable. | | <u> </u> | Total: | \$ | 2,388.54 |
| subject to collection. | on, the full invoice price without assourt was became a minimum. Prices quoted are estimates only and are good for 30 days from the date of ot include federal, state, or local taxes, or royalties and stated price the province of the price of the continuous and material utilimately. | | of Service: | 3.9.2018 | | | | |
| insten Driefon From | ot include federal, state, or local taxes, or royalles and stated price charges may vary depending upon time, equipment, and material ultimately the process of the process | | | Jake Heard | | | | |

HSI Representative:

issue. Pricing does not include federal, state, or local taxes, or royalities and stated price adjustments. Actual charges may vary depending upon time, equipment, and material utilimately required to perform these services. Discount rate is based on 30 days not payment terms or cash.

<u>DISCLAIMER NOTICE:</u>

This technical data is presented in good faith, but no warranty is given by and H.S.I assumes no flability 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 evaned 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.

Customer Comments:

X_____CUSTOMER AUTHORIZED AGENT



HURRICANE SERVICES INC

| Customer: | Owens Petrole | um | | | Date: | 3.9.18 | | cket No.: | ICT1 | .009 |
|--------------|---------------------|---------------|--|--|--------------------------------|---------------------------------|--|-----------|--|--------------|
| | Bryson Owens | | | | _ | - | | | | İ |
| Address: | <u> </u> | | | | | | | | | |
| | | | | | | | | | | i |
| City, State: | | | | | | | | | | 1 |
| County, Zip: | | | | | | | | | | |
| | Field Order No.: | | | | Open Hole: | 982' 5.875" | ¬ | Perf De | pths (ft) | Perfs |
| l | Well Name: | Broadme | rkie #24 | c | asing Depth: | | | | | |
| | Location: | | Falls, Ks | | Casing Size: | | | | ļ | |
| | Formation: | | | | lubing Depth: | 977' | | | <u></u> | |
| | Type of Service: | Long | string | | Tubing Size: | 2.875" | - | | | |
| } | Well Type: | C | il | | Liner Depth: | | - | | | |
| | Age of Well: | N | ew | | Liner Size: Liner Top: | | -∤ | | + | |
| | Packer Туре: | | | | Liner lop: Liner Bottom: | | - | | - | |
| | Packer Depth: | | <u>. </u> | | Total Depth: | | - | | | |
| | Treatment Via: | Tul | oing | | | | | | Total Perfs | 0 |
| | | | | | | | | | | |
| | INJECTIO | N RATE | PRES | SURE | | | . 1. | PROP | HCL | FLUID |
| TIME | FLUID | N2/CO2 | STP | ANNULUS | | REMARKS | | (lbs) | (gts) | (bbls) |
| | | | | | | fety meeting spot in and rig up | <u>' </u> | | | |
| | | | <u> </u> | | Hook up to tubi | | | | 1 | 6.00 |
| | 4.0 | | 100.0 | | Start to break c | Ircuation | | | | 7.00 |
| | - | | | | | | | | | |
| | 3.0 | , | 250.0 | | Break circulation | on | | | | 1.00 |
| _ | 4.0 | | 250.0 | <u> </u> | Pump Mudflust | | | | <u> </u> | 4.75 |
| | 4.0 | | 250.0 | | Pump dyed wat | ter | | | | 5.00 |
| | 4.0 | | 200.0 | | Mix and pump | cement | | | | 29.63 |
| - | | | | | Stop | | | | | 10.00 |
| | | | | <u> </u> | Wash pump an | d lines | | | | 10,00 |
| | | | | ļ | Drop plug | <u> </u> | | | | 5.65 |
| | 4.0 | | 350.0 | | Displace | | | | | |
| | 3.0 | | 1,400.0 | <u> </u> | Bump plug | | | | | |
| - | | | | | Wash up pump Rig down leave | | | | | |
| | _ | - | - | | rig down towy | , industrial | | | | |
| <u> </u> | | | | | Thanks Jake a | nd Josh | | | | |
| - | | | | | <u> </u> | | TOTAL: | | <u>- </u> | 69.03 |
| 1 | | | | | | PRODUCTS USED | | | | |
| | | | MMARY Max PSI | Avg PSI | | PKODOC12 OSED | | | | 7 |
| | Max Fl. Rate 4.0 | Avg Fl. Rate | 7 1,400.0 | | 0 | | | | | |
| | | · · · · · · | | | | | | | | |
| | | | | | | 130 sacks 70:30 2% ge | l 1 Gals Mudflus | h | | |
| | | | | | | | | | | |

Treater: Jake Heard

Customer: Bryson Owens