

Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1210039

Form ACO-1 August 2013 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. 15 |
|---|---|
| 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:, (e.gxxx. xxxxx) |
| Name: | (e.g. xx xxxxx) (e.gxxx xxxxx) Datum: NAD27 NAD83 WGS84 |
| Wellsite Geologist: | |
| Purchaser: | County: |
| Designate Type of Completion: | Lease Name: Well #: |
| New Well Re-Entry Workover | Field Name: |
| | Producing Formation: |
| ☐ Oil ☐ WSW ☐ SWD ☐ SIOW □ Gas □ D&A □ ENHR □ SIGW | Elevation: Ground: Kelly Bushing: |
| OG GSW Temp. Abd. | 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 ENHR Conv. to SWD | Drilling Eluid Management Blan |
| Plug Back Conv. to GSW Conv. to Producer | Drilling Fluid Management Plan (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: |
| ENHR Permit #: | |
| 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 | 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 |
| Geologist Report Received |
| UIC Distribution |
| ALT I II III Approved by: Date: |

| | Page Two | 1210039 |
|--|----------------------------------|---|
| Operator Name: | _ Lease Name: | Well #: |
| Sec TwpS. R East _ West | County: | |
| INCTRUCTIONS: Chause important tang of formations paratrated | atail all aaraa Bapart all final | appias of drill stamp tools giving interval toolad, time tool |

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 Sheets) | | Yes No | | - | Formation (Top), Depth and Datum | | Sample | |
|--|----------------------|------------------------------------|----------------------|------------------|----------------------------------|-----------------|-------------------------------|--|
| Samples Sent to Geological Survey | | e | | Тор | Datum | | | |
| Cores Taken Electric Log Run | | ☐ Yes ☐ No ☐ Yes ☐ No | | | | | | |
| List All E. Logs Run: | | | | | | | | |
| | | CASING Report all strings set-o | RECORD Ne | | ion, etc. | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | ADDITIONAL | CEMENTING / SQU | EEZE RECORD | | | | |
| Purpose: | Depth | Trace of Ocean ant | III On also I land | | Turne and D | | | |

| Purpose: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
|---|---------------------|----------------|--------------|----------------------------|
| Protect Casing Plug Back TD Plug Off Zone | | | | |
| | | | | |

| Did you perform a hydraulic fracturing treatment on this well? | Yes |
|---|-----|
| Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? | Yes |
| Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? | Yes |

| No | (If No, skip questions 2 and 3) |
|----|---------------------------------|
| No | (If No, skip question 3) |

No

(If No, fill out Page Three of the ACO-1)

| Shots Per Foot | | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | | | | | , | | ement Squeeze Record I of Material Used) | Depth |
|---|--|---|-----------------------|----------------------------------|-----------------------|--------|------------------------------|-----------------|---|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: Size: Set At: | | | Packer At: Liner Run: | | | un: | No | | | |
| Date of First, Resumed Production, SWD or ENHR. | | | | Producing M | lethod: | oing | Gas Lift | Other (Explain) | | |
| Estimated Production Per 24 Hours | | Oil Bbl | S. | Gas | Mcf | Wate | er | Bbls. | Gas-Oil Ratio | Gravity |
| DISPOSITION OF GAS: | | | | | METHOD OF COMPLETION: | | | PRODUCTION IN | TERVAL: | |
| | | | | Open Hole Perf. Dually (Submit A | | ACO-5) | Commingled (Submit ACO-4) | | | |
| | | , | | Other (Specify) | | | | | | |

| Form | ACO1 - Well Completion |
|-----------|-------------------------|
| Operator | N & W Enterprises, Inc. |
| Well Name | Giefer Inj 22 |
| Doc ID | 1210039 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|----|----------------------------------|
| Surface | 9.875 | 8 | 6.75 | 20 | Portland #1 | 4 | None |
| Longstring | 5.875 | 2.875 | 6.75 | 412.3 | Portland #1 | 68 | |
| | | | | | | | |
| | | | | | | | |

Kepley Well Service, LLC

19245 Ford Road Chanute, KS 66720

6/10/2014

Invoice #

49723

Cement Treatment Report

(x) Landed Plug on Bottom at 900 PSI N & W Enterprise Inc. () Shut in Pressure psi (x)Good Cement Returns 1111 S. Margrave () Topped off well with _sacks (x) Set float shoe Fort Scott, KS 66701 **TYPE OF TREATMENT: Production Casing** HOLE SIZE: 61/8" TOTAL DEPTH: 420 Well Name Terms **Due Date** Net 15 days 6/10/2014 **Service or Product** Qty **Per Foot Pricing/Unit Pricing** Amount Run and cement 2 7/8" 420 3.00 1,260.00 Sales Tax 7.15% 0.00 6-6-14 Giefer #22 Injection Crawford County Section: Township: Range: Total \$1,260.00 Hooked onto 2 7/8" casing. Established circulation with 2 barrels of water, GEL, **Payments/Credits** \$0.00 METSO, COTTONSEED ahead, blended 68 sacks of straight cement, dropped rubber plug, and pumped 2.4 barrels of water \$1,260.00 **Balance Due**



Operator: N&W Enterprises, Inc. Fort Scott, KS

Giefer #22 Inj.

Crawford Co., KS 34-28S-22E API: 037-22278

| Spud Date: | 5/29/2014 | Surfac | e Bit: | 9.875" |
|-----------------|------------|------------------------|-------------|-----------|
| Surface Casing: | 7.0" | Drill B | it: | 5.875" |
| Surface Length: | 20.0' | Longs | tring: | 412.3' |
| Surface Cement: | 4 sx. | Longs | tring Date: | 5/30/2014 |
| Longstring: | 2 7/8" EUE | The Part of March 1993 | - | |

| | | Driller's | Log | | | |
|-----|--------|-------------|---------|-------------|-------------------|------------------|
| Гор | Bottom | Formation | Commer | nts | | |
| 0 | 2 | Soil | | | | |
| 2 | 8 | Sandstone | | | | |
| 8 | 23 | Sandy Shale | | | | |
| 23 | 70 | Shale | | | 50.00 | ϵ_{π} |
| 70 | 74 | Lime | | | | |
| 74 | 76 | Bl. Shale | | | | |
| 76 | 80 | Shale | | | | |
| 80 | 113 | Lime | | | | |
| 113 | 122 | Shale | | | | |
| 122 | 123 | Lime | | | | |
| 123 | 180 | Shale | | | | |
| 180 | 199 | Lime | | | | |
| 199 | 207 | Shale | | | | |
| 207 | 212 | Lime | | | | |
| 212 | 314 | Shale | | | | |
| 314 | 316 | Lime | | | | |
| 316 | 375 | Shale | | | | 7 |
| 375 | 376 | Coal | | | | |
| 376 | 390 | Sand | 376-388 | good soft s | sand, good oil sh | NOW |
| 390 | 422 | Shale | 388-390 | black sand | , heavier oil | |
| 422 | | TD | | | | |

913.795.2259 office 620.224.7406 Chris' cell

mcgowndrilling@gmail.com

PO Box K Mound City, KS