Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1315036

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

| WELL HISTORY - DE | SCRIPTION OF | WELL & LEASE |
|-------------------|--------------|--------------|
|-------------------|--------------|--------------|

| OPERATOR: License # | API No. 15 |
|---|--|
| Name: | Spot Description: |
| Address 1: | Sec TwpS. R East West |
| 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: () | |
| CONTRACTOR: License # | |
| Name: | (e.g. xx.xxxx) (e.gxxx.xxxx) |
| Wellsite Geologist: | Datum: NAD27 NAD83 WGS84 |
| Purchaser: | |
| Designate Type of Completion: | Lease Name: Well #: |
| New Well Re-Entry Workove | Field Name: |
| | Producing Formation: |
| | SIOW Elevation: Ground: Kelly Bushing: |
| | 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: | |
| Well Name: | |
| Original Comp. Date: Original Total Depth: | |
| Deepening Re-perf. Conv. to ENHR Co | |
| Plug Back Conv. to GSW Co | |
| | Chloride content: ppm Fluid volume: bbls |
| Commingled Permit #: | Dewatering method used: |
| Dual Completion Permit #: | |
| SWD Permit #: | |
| ENHR Permit #: OOW Description | Operator Name: |
| GSW Permit #: | Lease Name: License #: |
| Soud Date or Date Reached TD Completion | Quarter Sec. Twp. S. R. East West |
| Spud Date or Date Reached TD Completion Recompletion Date Recomplet Recomplet | |

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: |

CORRECTION #1

1315036

| Operator Nar | ne: | | | Lease Name: | Well #: |
|--------------|-----|-------|-----------|-------------|---------|
| Sec | Twp | _S. R | East West | County: | |
| | • | | | | |

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 Take | | Yes No | L | og Formatio | on (Top), Depth an | d Datum | Sample |
|--|----------------------|------------------------------------|---------------------------------|--|---|------------------|-------------------------------|
| (Attach Additional Samples Sent to Geo | | Yes No | Nam | е | | Тор | Datum |
| Cores Taken Electric Log Run | ingiou. cu. rey | Yes No | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | CASING Report all strings set-c | 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 | | 1 | |
| Purpose: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | | Type and Pe | ercent Additives | |
| Protect Casing Plug Back TD | | | | | | | |
| Plug Off Zone | | | | | | | |
| Did you perform a hydraulic fracturing treatment on this well? Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,00 Was the hydraulic fracturing treatment information submitted to the chemical disclosure reg | | - | ☐ Yes [? ☐ Yes [☐ Yes [| No (If No, skip | o questions 2 an o question 3) out Page Three o | | |
| Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | | | | cture, Shot, Cement mount and Kind of Mat | | l Depth | |
| | | | | | | | |
| | | | | | | | |

TUBING RECORD: Size: Set At: Packer At: Liner Run: No Yes Date of First, Resumed Production, SWD or ENHR. Producing Method: Gas Lift Other (Explain) Flowing Pumping Estimated Production Water Oil Bbls. Gas Mcf Bbls. Gas-Oil Ratio Gravity Per 24 Hours **DISPOSITION OF GAS:** METHOD OF COMPLETION: PRODUCTION INTERVAL: Open Hole Perf. Dually Comp. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

| Form | ACO1 - Well Completion |
|-----------|------------------------------------|
| Operator | Samuel Gary Jr. & Associates, Inc. |
| Well Name | NUERNBERGER 2-1 |
| Doc ID | 1315036 |

All Electric Logs Run

| DEN-NEUT |
|----------|
| NDUCTION |
| MICRO |
| SONIC |
| SPECTRAL |

| Form | ACO1 - Well Completion |
|-----------|------------------------------------|
| Operator | Samuel Gary Jr. & Associates, Inc. |
| Well Name | NUERNBERGER 2-1 |
| Doc ID | 1315036 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | Number of Sacks Used | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|----------------------------|--|
| SURFACE | 12.25 | 8.625 | 23 | 555 | COMMON CLASS A | 300 | 2% GEL, 3% CC |
| PRODUC TION | 7.875 | 5.5 | 15.5 | 3904 | Q-PRO-C | 180 | 10% SALT, 5% GILSONI TE, 1/4#/SK FLO SEAL |
| | | | | | | | |
| | | | | | | | |

Summary of Changes

Lease Name and Number: NUERNBERGER 2-1 API/Permit #: 15-137-20701-00-00 Doc ID: 1315036 Correction Number: 1 Approved By: Karen Ritter

| Field Name | Previous Value | New Value |
|--|---|---|
| Approved By | NAOMI JAMES | Karen Ritter |
| Approved Date | 10/21/2014 | 08/23/2016 |
| Date of First or Resumed Production or SWD or Enhr | | 11/24/2014 |
| Producing Method Pumping | No | Yes |
| Save Link | //kcc/detail/operatorE ditDetail.cfm?docID=12 27243 | //kcc/detail/operatorE ditDetail.cfm?docID=13 15036 |



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1227243

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

CONFIDENTIAL 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 Deast / West Line of Section | | |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: | | |
| Phone: () | | | |
| CONTRACTOR: License # | GPS Location: Lat:, Long:, (e.g. xx.xxxxx) (e.gxxx.xxxxxx) | | |
| Name: | Datum: NAD27 NAD83 WGS84 | | |
| Wellsite Geologist: | County: | | |
| Purchaser: | Lease Name: Well #: | | |
| Designate Type of Completion: | Field Name: | | |
| New Well Re-Entry Workover | Producing Formation: | | |
| | Elevation: Ground: Kelly Bushing: | | |
| Gas D&A ENHR SIGW | Total Vertical Depth: Plug Back Total Depth: | | |
| GG GSW Temp. Abd. | 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 | | |
| | If Alternate II completion, cement circulated from: | | |
| Operator: | feet depth to:w/sx cmt. | | |
| Well Name: | W/ \$X Citit | | |
| Original Comp. Date: Original Total Depth: | | | |
| Deepening Re-pening Conv. to ENHR Conv. to SWD 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: License #: | | |
| | | | |
| Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date | QuarterSec. TwpS. R East West County: Permit #: | | |
| | Γ στημι π | | |

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: |