Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1211181

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: | | | | |
| Name: | (e.g. xx.xxxx) (e.gxxx.xxxx) | | | | |
| 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 SIOW | 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 Fluid Management Plan | | | | |
| Plug Back Conv. to GSW Conv. to Producer | (Data must be collected from the Reserve Pit) | | | | |
| | Chloride content: ppm Fluid volume: bbls | | | | |
| Commingled Permit #: | Dewatering method used: | | | | |
| Dual Completion Permit #: SWD Permit #: | | | | | |
| SWD Permit #: ENHR 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 Reached TD 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 | 1211181 |
|---|-----------------------------------|--|
| Operator Name: | Lease Name: | Well #: |
| Sec TwpS. R East _ West | County: | |
| INCTRUCTIONS. Chow important tang of formations populated | Datail all cores Report all final | copies of drill stome tasts giving interval tested 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 She | eets) | Yes No | | Log Formation (Top), Depth and Datum | | | |
|--|----------------------|------------------------------|--------------------------|--------------------------------------|-------------------|------------------|-------------------------------|
| Samples Sent to Geolog | jical Survey | Yes No | Nam | 9 | | Тор | Datum |
| Cores Taken Electric Log Run | | ☐ Yes ☐ No ☐ Yes ☐ No | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | | | | | | |
| | | CASING | RECORD Ne | w Used | | | |
| | | Report all strings set-o | conductor, surface, inte | rmediate, product | 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: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | | Type and P | ercent Additives | |
| Protect Casing | | | | | | | |

| Perforate Protect Casing Plug Back TD Plug Off Zone | | | | | | | |
|---|---|--|--|---------|----|---------------------------------|--|
| Did you perform a hydraulic fra | 0 | | | Yes Yes | No | (If No, skip questions 2 and 3) | |
| Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? | | | | | No | (If No, skip question 3) | |

Yes

No

| Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? | |
|---|--|
| Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? | |

(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 | | | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | | | Depth | | | |
|--------------------------------------|---|-----------------|------------|---|--------|---------|-----------------|-----------------|---------------|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Siz | ze: | Set At: | | Packer | r At: | Liner Ru | un: | No | |
| Date of First, Resumed | Producti | on, SWD or ENHF | } . | Producing N | | ping | Gas Lift | Other (Explain) | | |
| Estimated Production Per 24 Hours | | Oil Bb | S. | Gas | Mcf | Wat | er | Bbls. | Gas-Oil Ratio | Gravity |
| | | | | | | | | | | |
| DISPOSITION OF GAS: | | | Open Hole | METHOD OF COMPLET | | | | PRODUCTION IN | IERVAL: | |
| (If vented, Su | | | | Other <i>(Specify)</i> | | (Submit | 4 <i>CO-5</i>) | (Submit ACO-4) | | |

Charles Melcher 10-A

| 3 | soil | 3 | |
|-----------|-------------|-------------|--------------|
| 3 | clay/rock | 6 | |
| 22 | lime | 28 | |
| 40 | shale | 68 | |
| 9 | lime | 77 | |
| 117 | shale | 194 | |
| 48 | lime | 242 | |
| 18 | shale | 260 | |
| 6 | lime | 266 | |
| 27 | shale | 293 | |
| 105 | lime | 398 | |
| 177 | shale | <i>575</i> | |
| 18 | lime | 593 | |
| 64 | shale | 657 | |
| 27 | lime | 684 | |
| 21 | shale | 7 05 | |
| 7 | lime | <i>712</i> | |
| 19 | shale | 731 | |
| 8 | lime | <i>739</i> | |
| 9 | shale | 748 | |
| 9 | lime | 757 | |
| 18 | shale | 775 | |
| 9 | sandy shale | 784 | odor |
| 35 | Bkn sand | 819 | good show |
| 4 | Dk sand | 823 | show |
| 18 | shale | 841 | <i>T.D</i> . |
| | | | |

Start *4-9-14* Finish *4-10-14*

set 20'7" ran 836' of 2 % cemented to surface 84 sxs

