CORRECTION #1

Kansas Corporation Commission Confidentiality Requested: OIL & GAS CONSERVATION DIVISION Yes No

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:  |                      |                      |   | st West    |             |
| Address 2:  |                      |                      | Feet from North / South Line                              | of Section |             |
| City: Sta   | ate: Zi <sub>l</sub> | p:+                  | 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: Wellsite Geologist:   |                      |                      | (e.g. xx.xxxxx) (e.gxxx.xxxxxx)  Datum: NAD27 NAD83 WGS84 |            |             |
|   |                      |                      |   |            | Purchaser:  |
| Designate Type of Completion:  New Well Re-Entry Workover  Oil SIOW |                      |                      | Lease Name: Well #:                                       |            |             |
|   |                      |                      | Field Name:   |            |             |
|   |                      |                      | Producing Formation: Kelly Bushing:                       |            |             |
|   |                      |                      |   |            | ☐ Gas ☐ D&A |
| CM (Coal Bed Methane)  Cathodic Other (Core, Expl., etc.):          |                      |                      | Amount of Surface Pipe Set and Cemented at:               | Feet       |             |
|   |                      |                      | Multiple Stage Cementing Collar Used? Yes No              |            |             |
| If Workover/Re-entry: Old Well Info                                 |                      |                      | 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:  |                      |                      | <u> </u>  |            |             |
| Deepening Re-perf.  | Conv. to Ef          | NHR Conv. to SWD     | Drilling Fluid Management Plan                            |            |             |
| ☐ Plug Back   | Conv. to G           | SW Conv. to Producer | (Data must be collected from the Reserve Pit)             |            |             |
| O constituents at   | D                    |                      | Chloride content:ppm Fluid volume:                        | bbls       |             |
| <ul><li>Commingled</li><li>Dual Completion</li></ul>                |                      |                      | Dewatering method used:                                   |            |             |
| □ Dual Completion         Permit #:                                 |                      |                      | Location of fluid disposal if hauled offsite:             |            |             |
|   |                      |                      |   |            |             |
| GSW   | Permit #:            |                      | Operator Name:  |            |             |
| _   |                      |                      | Lease Name: License #:                                    |            |             |
| Spud Date or Date Reached TD C                                      |                      | Completion Date or   | Quarter Sec TwpS. R Ea                                    | st 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: |  |  |  |  |

CORRECTION #1

Operator Name: \_ Lease Name: \_\_ Well #: \_ 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 Taken** No Loa Formation (Top), Depth and Datum Sample | Yes (Attach Additional Sheets) Name Top Datum No Samples Sent to Geological Survey Yes ☐ No 」Yes Cores Taken Electric Log Run \_\_\_ Yes No List All E. Logs Run: CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting Type of # Sacks Type and Percent Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Depth Cement Used Additives ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone Did you perform a hydraulic fracturing treatment on this well? Yes No (If No, skip questions 2 and 3) No Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes (If No, skip question 3) Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? (If No, fill out Page Three of the ACO-1) Yes PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated Depth (Amount and Kind of Material Used) TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain) **Estimated Production** Oil Bbls Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours METHOD OF COMPLETION: DISPOSITION OF GAS: PRODUCTION INTERVAL: Open Hole Perf. Dually Comp. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4)

Other (Specify)

(If vented, Submit ACO-18.)

## **Summary of Changes**

Lease Name and Number: Harvey H-4

API/Permit #: 15-107-24243-00-00

Doc ID: 1219749

Correction Number: 1

Approved By: NAOMI JAMES

| Field Name                                | Previous Value   | New Value  |  |
|---|--|--|--|
| Approved By                               | Deanna Garrison  | NAOMI JAMES  |  |
| Approved Date                             | 01/14/2011   | 08/21/2014   |  |
| Date of First or<br>Resumed Production or |  | 06/1/2011  |  |
| SWD or Enhr<br>Fracturing Question 1      |  | No   |  |
| LocationInfoLink                          | https://solar.kgs.ku.edu/<br>kcc/detail/locationInform<br>ation.cfm?section=5&to | https://kolar.kgs.ku.edu/<br>kcc/detail/locationInform<br>ation.cfm?section=5&to<br>Rob Eberhart |  |
| Operator's Contact<br>Name                | Bob Eberhart   |  |  |
| Operator's Phone                          | 285-0873   | 837-5199   |  |
| Operator's Street<br>Address - line 1     | 30805 COLD WATER<br>RD   | 602 W. Amity, Suite 103  |  |
| Producing Method<br>Pumping               | No   | Yes  |  |
| Save Link                                 | //kcc/detail/operatorE<br>ditDetail.cfm?docID=10<br>49247                        | //kcc/detail/operatorE<br>ditDetail.cfm?docID=12<br>19749  |  |