

Confidentiality Requested:

Yes No

### Kansas Corporation Commission Oil & Gas Conservation Division

1207334

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:                         |             |                         | Sec  | TwpS. R  |  |
| Address 2:                         |             |                         | Feet   | from $\square$ North / $\square$ South Line of Section |  |
| City: St                           | ate: Ziŗ    | D:+                     | Feet   | from East / West Line of Section                       |  |
| Contact Person:                    |             |                         | Footages Calculated from Ne                                  | arest Outside Section Corner:                          |  |
| Phone: ()                          |             |                         | □ NE □ NW  | □ SE □ SW  |  |
| CONTRACTOR: License #              |             |                         | GPS Location: Lat:   | , Long:  |  |
| Name:                              |             |                         |  | . xx.xxxxx) (e.gxxx.xxxxx)                             |  |
| Wellsite Geologist:                |             |                         | Datum: NAD27 NAD27   |  |  |
| Purchaser:                         |             |                         | County:  |  |  |
| Designate Type of Completion:      |             |                         | Lease Name:  | Well #:  |  |
| New Well Re-                       | ·Fntrv      | Workover                | Field Name:  |  |  |
|                                    | _           |                         | Producing Formation:   |  |  |
| ☐ Oil ☐ WSW                        | SWD         | SIOW                    | Elevation: Ground:   | Kelly Bushing:   |  |
| ☐ Gas ☐ D&A<br>☐ OG                | ☐ ENHR      | ☐ SIGW ☐ Temp. Abd.     | Total Vertical Depth:  | Plug Back Total Depth:                                 |  |
| CM (Coal Bed Methane)              | G3W         | Temp. Abd.              | Amount of Surface Pipe Set a                                 | and Cemented at: Feet                                  |  |
| Cathodic Other (Core               | Expl etc.)  |                         | Multiple Stage Cementing Co                                  |  |  |
| If Workover/Re-entry: Old Well Inf |             |                         |  | Feet   |  |
| Operator:                          |             |                         |  | nent circulated from:                                  |  |
| Well Name:                         |             |                         | , ,  | w/sx cmt.  |  |
| Original Comp. Date:               |             |                         | loot doparto.  | W,   |  |
|                                    | _           | NHR Conv. to SWD        |  |  |  |
| Deepening Re-perf. Plug Back       | Conv. to GS |                         | Drilling Fluid Management F (Data must be collected from the |  |  |
| Commingled                         | Permit #:   |                         | Chloride content:  | ppm Fluid volume: bbls                                 |  |
| Dual Completion Permit #:          |             | Dewatering method used: |  |  |  |
| SWD                                | Permit #:   |                         | Location of fluid disposal if ha                             | uled offsite:  |  |
| ☐ ENHR                             | Permit #:   |                         | On and an Name   |  |  |
| GSW                                | Permit #:   |                         |  |  |  |
|                                    |             |                         |  | License #:   |  |
| Spud Date or Date Rea              | iched TD    | Completion Date or      |  | TwpS. R  |  |
| 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 Approved by: Date: |

Page Two



| Operator Name:   |   |              |  | _ Lease I                | Name: _   |                                     |                    | Well #:            |                              |
|--|---|--------------|--|--------------------------|-----------|-------------------------------------|--------------------|--------------------|------------------------------|
| Sec Twp  | S. R  | East         | West                                   | County                   | :         |                                     |                    |                    |                              |
| INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to | ring and shut-in press<br>o surface test, along v | ures, whe    | ther shut-in pre<br>chart(s). Attach   | ssure reac<br>extra shee | hed stati | c level, hydrosta<br>space is neede | tic pressures, b   | ottom hole temp    | erature, fluid recov         |
| Final Radioactivity Lo files must be submitted                 |   |              |  |                          |           | ogs must be ema                     | liled to kcc-well- | logs@kcc.ks.go     | v. Digital electronic        |
| Drill Stem Tests Taker<br>(Attach Additional                   |   | Y            | es No                                  |                          |           | J                                   | on (Top), Depth    |                    | Sample                       |
| Samples Sent to Geo  | logical Survey                                    | Y            | es No                                  |                          | Nam       | е                                   |                    | Тор                | Datum                        |
| Cores Taken<br>Electric Log Run                                |   |              | es  No                                 |                          |           |                                     |                    |                    |                              |
| List All E. Logs Run:  |   |              |  |                          |           |                                     |                    |                    |                              |
|  |   |              |  | RECORD                   | Ne        |                                     |                    |                    |                              |
|  | 0: 11.1   |              |  |                          |           | ermediate, product                  |                    | " 0 1              | T 15                         |
| Purpose of String  | Size Hole<br>Drilled                              |              | ze Casing<br>t (In O.D.)               | Weig<br>Lbs.             |           | Setting<br>Depth                    | Type of<br>Cement  | # Sacks<br>Used    | Type and Percer<br>Additives |
|  |   |              |  |                          |           |                                     |                    |                    |                              |
|  |   |              |  |                          |           |                                     |                    |                    |                              |
|  |   |              |  |                          |           |                                     |                    |                    |                              |
|  |   |              |  |                          |           |                                     |                    |                    |                              |
|  |   |              | ADDITIONAL                             | CEMENTI                  | NG / SQL  | JEEZE RECORD                        |                    |                    |                              |
| Purpose:   | Depth<br>Top Bottom                               | Туре         | of Cement                              | # Sacks                  | Used      |                                     | Type and           | Percent Additives  |                              |
| Perforate Protect Casing                                       | Top Dottern                                       |              |  |                          |           |                                     |                    |                    |                              |
| Plug Back TD<br>Plug Off Zone                                  |   |              |  |                          |           |                                     |                    |                    |                              |
| 1 lug 0 li 20 lio  |   |              |  |                          |           |                                     |                    |                    |                              |
| Did you perform a hydrau                                       | ulic fracturing treatment                         | on this well | ?                                      |                          |           | Yes                                 | No (If No, s       | skip questions 2 a | nd 3)                        |
| Does the volume of the t                                       |   |              | -                                      |                          | -         |                                     | _ ` `              | skip question 3)   |                              |
| Was the hydraulic fractur                                      | ing treatment informatio                          | n submitted  | to the chemical of                     | disclosure re            | gistry?   | Yes                                 | No (If No, 1       | ill out Page Three | of the ACO-1)                |
| Shots Per Foot   |   |              | RD - Bridge Plug<br>Each Interval Perl |                          |           |                                     | cture, Shot, Ceme  | nt Squeeze Recor   | rd Depth                     |
|  |   |              |  |                          |           | (* *                                |                    |                    | 200                          |
|  |   |              |  |                          |           |                                     |                    |                    |                              |
|  |   |              |  |                          |           |                                     |                    |                    |                              |
|  |   |              |  |                          |           |                                     |                    |                    |                              |
|  |   |              |  |                          |           |                                     |                    |                    |                              |
|  |   |              |  |                          |           |                                     |                    |                    |                              |
| TUBING RECORD:   | Size:   | Set At:      |  | Packer A                 | t·        | Liner Run:                          |                    |                    |                              |
|  |   | 0017111      |  |                          |           | [                                   | Yes N              | o                  |                              |
| Date of First, Resumed   | Production, SWD or EN                             | HR.          | Producing Meth                         | nod:                     | g 🗌       | Gas Lift (                          | Other (Explain)    |                    |                              |
| Estimated Production<br>Per 24 Hours                           | Oil   | Bbls.        | Gas                                    | Mcf                      | Wat       | er B                                | bls.               | Gas-Oil Ratio      | Gravity                      |
| DIODOCITI  | 01.05.040   |              |  | 4ETUOD 05                | . 00145/  | TION:                               |                    | DDOD! ICT!         |                              |
| DISPOSITION Solo   | ON OF GAS:  Used on Lease                         |              | N<br>Open Hole                         | ∥ETHOD OF<br>Perf.       | _         |                                     | nmingled           | PRODUCTION         | ON INTERVAL:                 |
|  | bmit ACO-18.)                                     |              | Other (Specify)                        |                          | (Submit   |                                     | mit ACO-4)         |                    |                              |



Oil & Gas Well Drilling **Water Wells Geo-Loop Installation** 

Phone: 913-557-9083

Fax: 913-557-9084

## **WELL LOG**

Paola, KS 66071

Verde Oil Company E. Davidson #I-1 API #15-207-28,778

December 12 - December 16, 2013

| Thickness of Strata | <u>Formation</u> | Total                       |
|---------------------|------------------|-----------------------------|
| 8                   | soil & clay      | 8                           |
| 12                  | sand & clay      | 20                          |
| 70                  | shale            | 90                          |
| 14                  | lime             | 104                         |
| 3                   | shale            | 107                         |
| 20                  | lime             | 127                         |
| 4                   | shale            | 131                         |
| 24                  | lime             | 155                         |
| 17                  | shale            | 172                         |
| 3                   | lime             | 175                         |
| 6                   | shale            | 181                         |
| 122                 | lime             | 303                         |
| 3                   | shale            | 306                         |
| 71                  | lime             | 377 making water            |
| 55                  | shale            | 432                         |
| 75                  | lime             | 507                         |
| 5                   | shale            | 512                         |
| 34                  | lime             | 546                         |
| 1 .                 | shale            | 547                         |
| 20                  | lime             | 567 base of the Kansas City |
| 30                  | shale            | 597                         |
| 12                  | broken sand      | 609 shale & green sand      |
| 4                   | silty shale      | 613                         |
| 110                 | shale            | 723                         |
| 9                   | lime             | 732                         |
| 8                   | shale            | 740                         |
| 2                   | lime             | 742                         |
| 9                   | shale            | 751                         |
| 11                  | lime             | 762                         |
| 8                   | shale            | 770                         |
| 9                   | sand             | 779 green, no show          |
| 49                  | shale            | 828                         |
| 3                   | lime             | 831                         |
| 1                   | coal             | 832                         |
| 3                   | shale            | 835                         |
| 18                  | lime             | 853                         |
| 4                   | shale            | 857                         |
| 4                   | lime             | 861                         |
| 15                  | shale            | 876                         |
| 11                  | lime             | 887                         |
| 17                  | shale            | 904                         |

| Davidson #1 1 |               | -9   |  |
|---------------|---------------|--|--|
| 2             | lime          | 906  |  |
| 5             | shale         | 911  |  |
| 2             | broken sand   | 913 80% limey green sand, 20% brown sand<br>light bleeding |  |
| 2             | oil sand      | 915 brown sand good bleeding (gassy)                       |  |
| 4             | broken sand   | 919 black sand & shale, ok bleeding                        |  |
| 5             | silty shale   | 924  |  |
| 28            | shale         | 952  |  |
| 1             | lime & shells | 953  |  |
| 2             | silty shale   | 955  |  |
| 1             | lime & shells | 956  |  |
| 2             | broken sand   | 958 80% brown sand 20% shale ok bleeding                   |  |
| 2             | oil sand      | 960 brown sand good bleeding                               |  |
| 2             | broken sand   | 962 75% brown sand 25% shale good bleeding                 |  |
| 8             | oil sand      | 970 dark brown & black sand good bleeding                  |  |
| 2             | broken sand   | 972 60% brown sand 40% shale ok bleeding                   |  |
| 2             | black sand    | 974 ok show  |  |
| 5             | grey sand     | 979 no show  |  |
| 41            | shale         | 1020   |  |
| 1             | coal          | 1021   |  |
| 12            | shale         | 1033   |  |
| 2             | sand          | 1035 white & grey no show                                  |  |
| 4             | silty shale   | 1039   |  |
| 16            | shale         | 1055 TD  |  |
| 402           |               |  |  |

Page 2

Drilled a 9 7/8" hole to 45' Drilled a 5 5/8" hole to 1055'

E. Davidson #I-1

Set 45' of 7" threaded and coupled surface casing, cemented with 10 sacks cement.

Set 1046.5' of 2 7/8" 8 round upset tubing with 4 centralizers, 1 float shoe, 1 clamp, 1 seating nipple, 1 baffle

264886



15-15-207-28778

TICKET NUMBER 44950 LOCATION 047 and FOREMAN Alga Made

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

### FIELD TICKET & TREATMENT REPORT

| 020-431-9210         | 01 600-407-6676                                  | ,           |                 | CEMEN        | I.             |                 |            |         |
|----------------------|--|-------------|-----------------|--------------|----------------|-----------------|------------|---------|
| DATE                 | CUSTOMER#  | WE          | ELL NAME & NUMI |              | SECTION        | TOWNSHIP        | RANGE      | COUNTY  |
| 12-17-13<br>CUSTOMER | 8520   | Earl        | David 501       | 1 # I.1      | SE6            | 25              | 16         | Wo      |
| Vende                | 2.01   |             |                 |              | TRUCK#         | DRIVER          | TRUCK#     | DRIVER  |
| MAILING ADDRE        |  |             | 0 0             |              | 730            | Alg. Mad        | Sufex      | . Meet  |
| 3345                 | Dri  | 2000        | BO-             |              | 368            | Arluch          |            |         |
| CITY                 |  | STATE '     | ZIP CODE        |              | 369            | DerMas          |            |         |
| Savonb               | lung   | 155         | 66772           |              | 310            | SetTuc          |            |         |
| JOB TYPE /OV         | 19 String  | HOLE SIZE_  | 57/8            | HOLE DEPTH   | 1053           | CASING SIZE & W | /EIGHT_2   | 8       |
| CASING DEPTH         | 1046,50  | DRILL PIPE_ | -               | TUBING       |                |                 | OTHER_1036 |         |
| SLURRY WEIGH         | IT   | SLURRY VOL  |                 | WATER gal/s  | k              | CEMENT LEFT, in | CASING VY  | 25      |
| DISPLACEMENT         | r_ 6   | DISPLACEME  | ENT PSI 800     | MIX PSI_2    | 00             | RATE 460        | Pen _      |         |
| REMARKS: He          | ld mee   | etlas :     | Establ.         | shed o       | ate a          | louis ca        | 15:40      | Mixed   |
| and po               | unped  | 100#        | gel fol         | ouzed        | - by 13        | 5,5 K 5         | 17/1       | can     |
| 0/45 2               | 70 ael   | 5%          | salt,           | 5#Kol        | ,9-eg(         | per sac         | 8.         |         |
| Circul               | ated o   | euney.      | X. Flu          | shed         | punt           | · Pamox         | 12 0/2     | 10 to   |
| latch o              | lown ha  | effle.      | Well            | held         | 800            | PSI 1           | elease     | 28      |
| DN8.5.54             |  |             |                 |              |                |                 |            |         |
| 1.                   |  | ) (         |                 |              |                |                 | 4          |         |
|                      |  |             |                 |              |                |                 | 11 12/21   |         |
| Evan                 | 1 Mita   | hell        |                 |              |                | Alar S          | 1/100      | 1       |
|                      | <del>,</del> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |             |                 |              | /              | Jan -           |            |         |
| ACCOUNT<br>CODE      | QUANITY  | or UNITS    | DE              | SCRIPTION of | SERVICES or PI |                 | UNIT PRICE | TOTAL   |
| 3401                 |  |             | PUMP CHARG      | E            | 1              | 368             |            | 108500  |
| 5406                 | 1  | 10          | MILEAGE         |              |                | 368             |            | 16800   |
| 5402                 | 1046.  | 50          | casin           | s foot       | 956-           | 368             |            |         |
| 5407                 | ni.  | 1           | ton             | miles        |                | 548             |            | 36800   |
| 3502C                | 2  | (           | 80 vg           |              |                | 369             |            | 18000   |
| 1700 9.00            |  | <u> </u>    |                 |              |                |                 |            | 100     |
|                      |  |             |                 |              |                |                 |            | ``      |
| 1124                 | 13   |             | 5015            | O cen        | reut           |                 |            | 1552,50 |
| 1118B                | 38   | 27          | 981             |              |                |                 | 250        | 71.24   |
| 11/1                 | 2  |             | 3017            |              |                |                 |            | 10179   |
| 11104                |  | 75          | 1606.5          | eal          |                |                 |            | 310.50  |
| 111-23               |  |             | 1000            |              |                |                 |            | 0,000   |
| F 1                  |  |             |                 |              |                |                 |            |         |
|                      |  |             |                 |              |                |                 |            |         |
|                      |  |             |                 |              |                | 120             | 1          |         |
|                      |  |             |                 |              | 3              |                 | Comnia     | od      |
|                      |  |             |                 |              |                |                 | oompi6     | GU      |
|                      |  |             |                 | -            | 1              |                 | -          |         |
|                      |  |             |                 | ж.           | 1              |                 | SALES TAX  | 145 62  |
| Ravin 3737           |  | х           |                 |              |                |                 | ESTIMATED  | 000000  |
|                      |  |             |                 |              |                |                 | TOTAL      | 3985.33 |
| AUTHORIZTION         |  | 3           |                 | TITLE        |                |                 | DATE       |         |

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.