

Kansas Corporation Commission Oil & Gas Conservation Division 1049322

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License #                 | 447                   |   | API No. 15 - 15-081-21821-00-00                          |
|-------------------------------------|-----------------------|---|--|
| Name: OXY USA Inc.                  |                       |   | Spot Description:  |
| Address 1: 5 E GREENW               | AY PLZ                |   | S2_NE_NW_NE_Sec14_Twp30_S. R32_                          |
| Address 2: PO BOX 2757              |                       |   | 450 Feet from ✓ North / ☐ South Line of Section          |
| City: HOUSTON                       |                       | ip: 77227 + 7570                        |  |
| Contact Person: LAURA               |                       |   | Footages Calculated from Nearest Outside Section Corner: |
| Phone: ( 620 ) 629-4                |                       |   | ✓ NE □NW □SE □SW   |
| CONTRACTOR: License #               | 30606                 |   | County: Haskell  |
| Name: Murfin Drilling Co            | . Inc                 |   | Lease Name: ROWLAND 'C' Well #: 2                        |
| Wellsite Geologist: EARTH           | TECH                  |   | Field Name:  |
| Purchaser:                          |                       |   | Producing Formation: CHESTER                             |
| Designate Type of Completic         |                       |   | Elevation: Ground: 2867 Kelly Bushing: 2878              |
|                                     | Re-Entry              | Workover                                | Total Depth: 5797 Plug Back Total Depth: 5747            |
|                                     |                       | □ slow                                  | Amount of Surface Pipe Set and Cemented at: 1836 Feet    |
| ✓ Gas D&A                           | ☐ SWD                 | ☐ sigw                                  | Multiple Stage Cementing Collar Used? ☐ Yes ☑ No         |
| ☐ oG                                | ☐ GSW                 | Temp. Abd.                              | If yes, show depth set: Feet                             |
| CM (Coal Bed Methan                 | <u> </u>              |   | If Alternate II completion, cement circulated from:      |
| Cathodic Othe                       | (Core, Expl., etc.):  |   | feet depth to:w/sx cmt                                   |
| If Workover/Re-entry: Old W         | /ell Info as follows: |   |  |
| Operator:                           |                       |   | Drilling Fluid Management Plan                           |
| Well Name:                          |                       |   | (Data must be collected from the Reserve Pit)            |
| Original Comp. Date:                | Original T            | otal Depth:                             | Chloride content: 1200 ppm Fluid volume: 1500 bbls       |
| ☐ Deepening ☐ R                     | e-perf. Conv. to      | ENHR Conv. to SWD                       | Dewatering method used: Evaporated                       |
|                                     | Conv. to              |   |  |
| Plug Back:                          |                       |   | Location of fluid disposal if hauled offsite:            |
| Commingled                          | Permit #:             | <del></del>                             | Operator Name:   |
| Dual Completion                     | Permit #:             |   | Lease Name: License #:                                   |
| SWD                                 | Permit #:             |   | Quarter Sec TwpS. R                                      |
| ENHR                                | Permit #:             |   |  |
| ☐ GSW                               | Permit #:             |   | County: Permit #:  |
| 07/29/2008 08                       | 3/06/2008             | 08/20/2008                              |  |
| Spud Date or Date Recompletion Date | te Reached TD         | Completion Date or<br>Recompletion Date |  |

## **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                            |                       |
|--|-----------------------|
| Letter of Confidentiality Received             |                       |
| Date:  |                       |
| Confidential Release Date:                     |                       |
| ☐ Wireline Log Received                        | 1                     |
| Geologist Report Received                      |                       |
| UIC Distribution                               | //co                  |
| ALT I II III Approved by: Deanna Garrison Date | te: <u>01714/2011</u> |

Side Two



| Operator Name: OX   | Y USA Inc.  |                                     |                                       | Lease                      | e Name: _   | ROWLAND '                         | C'                         | Well #:2_                                |           |                       |
|---|---|-------------------------------------|---------------------------------------|----------------------------|---|-----------------------------------|----------------------------|--|-----------|-----------------------|
| Sec. <u>14</u> Twp. <u>30</u> S. R. <u>32</u> East  West                                    |   |                                     | Count                                 | <sub>ty:</sub> <u>Hask</u> | ell   |                                   |                            |  |           |                       |
| INSTRUCTIONS: Shiftime tool open and clorecovery, and flow rate line Logs surveyed.         | osed, flowing and shu<br>tes if gas to surface to | it-in pressi<br>est, along v        | ures, whether s<br>with final chart(  | hut-in pre                 | ssure rea   | ched static level                 | , hydrostatic <sub>I</sub> | oressures, bottom I                      | hole temp | perature, fluid       |
| Drill Stem Tests Taker  |   | Y                                   | es 🗸 No                               | ,                          | <b></b> ✓L  | og Formatio                       | on (Top), Dep              | th and Datum                             |           | Sample                |
| _   |   | _                                   |                                       |                            | 1   | Name<br>Attached                  |                            | Top<br>Attached A                        |           | Datum<br>ttached      |
| Electric Log Run  |   | Yes  V No<br>Yes  V No<br>Yes  V No |                                       |                            |   |                                   |                            |  |           |                       |
| List All E. Logs Run:   |   |                                     |                                       |                            |   |                                   |                            |  |           |                       |
| Attached  |   | v                                   |                                       |                            |   |                                   |                            |  |           |                       |
|   |   | Pan                                 |                                       | RECORD                     |   | _                                 | ian ota                    |  |           |                       |
| Purpose of String   | Size Hole<br>Drilled                              | Siz                                 | ze Casing .                           | We                         | eight<br>s. / Ft.                                     | Setting Depth                     | Type of Cemen              |  |           | and Percent           |
| SURFACE   | 12.25   | 8.625                               | t (In O.D.)                           | 24                         | 5.71 (.   | 1836                              | C                          | 725                                      |           | + ADDITIVES AND PREMI |
| PRODUCTION  | 7.875   | 5.5                                 |                                       |                            | 5796  | С                                 | 230                        | 50/50 POZ + ADDITIVES                    |           |                       |
|   |   |                                     | ·                                     |                            |   |                                   |                            |  |           |                       |
| Purpose:  | Depth<br>Top Bottom                               | Турє                                | ADDITIONAL<br>e of Cement             |                            | # Sacks Used Type and Percent Additives               |                                   |                            |  |           |                       |
| Perforate Protect Casing Plug Back TD   | -   |                                     |                                       |                            |   |                                   |                            |  |           |                       |
| Plug Off Zone   | •   |                                     |                                       |                            |   |                                   |                            |  |           |                       |
| Shots Per Foot  |   |                                     | RD - Bridge Plug<br>Each Interval Per |                            | 9   |                                   |                            | ement Squeeze Recor<br>of Material Used) | rd        | Depth                 |
| 4 5382-5396   |   |                                     |                                       |                            |   | ACID: 2800 gal. 17% FE ACID 5382- |                            |  |           | 5382-5396             |
| RBP @5412 ***REMOVED 11/2/2010  |   |                                     |                                       |                            |   | 1 SX CMT 5412                     |                            |  |           | -5412                 |
| 5428-5434   |   |                                     |                                       |                            | ,   |                                   |                            |  |           | 5428-5434             |
|   |   |                                     |                                       |                            |   |                                   |                            |  |           |                       |
| TUBING RECORD:  | Size:<br>N/A                                      | Set At:                             | <u> </u>                              | Packer                     | At:   | Liner Run:                        | Yes _•                     | No                                       |           |                       |
| Date of First, Resumed  | Production, SWD or EN                             | IHR.                                | Producing Meth                        | nod:                       | ing [   | Gas Lift (                        | Other <i>(Explain)</i> .   |  |           |                       |
| Estimated Production Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Grave Per 24 Hours 0 170 0 |   |                                     |                                       |                            |   | Gravity                           |                            |  |           |                       |
| DISPOSITI   | ON OF GAS:  |                                     | . N                                   | METHOD C                   | OF COMPLE   | ETION:                            |                            | PRODUCTION                               | ON INTER  | VAL:                  |
| Vented ✓ Solo   | d Used on Lease                                   |                                     |                                       | Perf.                      | Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4) |                                   |                            |  |           |                       |
| (11 7011100, 30   |   | _                                   | Other (Specify)                       |                            |   |                                   | }                          |  |           |                       |

| Form      | ACO1 - Well Completion |
|-----------|------------------------|
| Operator  | OXY USA Inc.           |
| Well Name | ROWLAND 'C' 2          |
| Doc ID    | 1049322                |

## All Electric Logs Run

| LOGS SUBMITTED WITH ORIGINAL COMPLETION FORM |  |  |  |
|--|--|--|--|
| CBL  |  |  |  |
| MICROLOG                                     |  |  |  |
| AHV LOG                                      |  |  |  |
| SONIC ARRAY LOG                              |  |  |  |
| ARRAY COMPENSATED RESISTIVITY LOG            |  |  |  |

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|-----------|------------------------|--|--|--|
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## Tops

| HEEBNER       | 4174 | -1296 |
|---------------|------|-------|
| LANSING       | 4239 | -1361 |
| MARMATON      | 4874 | -1996 |
| CHEROKEE      | 5037 | -2159 |
| ATOKA         | 5220 | -2342 |
| MORROW        | 5332 | -2454 |
| CHESTER       | 5382 | -2504 |
| ST. GENEVIEVE | 5500 | -2622 |
| ST. LOUIS     | 5590 | -2712 |