Form 3160-4 (August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR

OCD Artesia MAR 1 9 2013

## NMOCD ARTESIA

FORM APPROVED OMB No. 1004-0137

| BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG     |  |                         |                            |  |                 |            |  |                     |  |   | Expires: July 31, 2010  5. Lease Serial No. NMNM102917 |  |                       |                     |                  |   |                   |
|--|--|-------------------------|----------------------------|--|-----------------|------------|--|---------------------|--|---|--|--|-----------------------|---------------------|------------------|---|-------------------|
|  |  |                         |                            |  |                 |            |  |                     |  |   |  |  |                       |                     |                  | la. Type of   | Well 🛛            |
| b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr. Other |  |                         |                            |  |                 |            |  |                     |  |   | 7. Unit or CA Agreement Name and No.                   |  |                       |                     |                  |   |                   |
| 2. Name of RKI EX  | Name of Operator Contact: CHARLES K AHN     RKI EXPLORATION & PROD LLC E-Mail: cahn@rkixp.com      Address 3817 NW EXPRESSWAY SUITE 950      3a. Phone No. (include area code) |                         |                            |  |                 |            |  |                     |  |   |  | 8. Le                                    | ease Name a           | and We              | ell No.<br>11 73 | ,   |                   |
| 3. Address   |  | SWAY SUI<br>OK 73112    |                            | 3a. Phone No. (include area code) Ph: 405-996-5771 |                 |            |  |                     | 9. API Well No.<br>30-015-40725-00-S1  |   |  |  |                       |                     |                  |   |                   |
| 4. Location  | of Well (Rep<br>Sec. 21  | port location           | on clearly an              | d in acc   | cordan          | ce h       | vith Fede  | eral require        | ements)                                | )*  |  | <u> </u>                                 |                       | Field and Po        |                  | Exploratory   |                   |
| At surfa   | ce NWSE  | L 2060FEL               |                            |  |                 |            |  |                     |  | 11. Sec., T., R., M., or Block and Survey<br>or Area Sec 21 T26S R30E Mer NMP |  |  |                       | >                   |                  |   |                   |
| At top p  At total   | rod interval r<br>depth  |                         |                            |  |                 |            |  |                     | 12. County or Parish 13. State EDDY NM |   |  | 13. State                                | •                     |                     |                  |   |                   |
| 14. Date S <sub>I</sub><br>10/07/2   | oudded   |                         |                            | ate T.D.<br>/18/20                                 |                 | hed        | 16. Date Completed □ D & A ☑ Ready to Prod. 12/15/2012 |                     |  |   |  | 17. Elevations (DF, KB, RT, GL)* 3024 GL |                       |                     |                  | •   |                   |
| 18. Total D  | Pepth:   | MD<br>TVD               | 7405                       |  | 19.             | Plug       | Back T   |                     | MD<br>TVD                              | 73  | 40   | 20. De                                   | oth Bri               | dge Plug Se         |                  | MD<br>TVD   | •                 |
| 21. Type E<br>CNL LI   | lectric & Oth<br>GAMMARA   | er Mechar<br>AY DENS    | nical Logs R<br>SITY NEUTI | un (Sub<br>RON C                                   | mit co<br>ALIPE | py c       | of each)<br>OGS  |                     |  |   |  | well core<br>DST run?<br>tional Su       |                       | ⊠ No                | □ Yes            | s (Submit analysis)<br>s (Submit analysis)<br>s (Submit analysis) |                   |
| 23. Casing a   | nd Liner Reco  | ord <i>(Repo</i>        | rt all strings             |  |                 |            |  | a. a                |  |   | 6.01 0   | Lai                                      |                       | T                   |                  | 1   | -                 |
| Hole Size  | Size/G   |                         | Wt. (#/ft.)                | (M   | D)              | 1          | ottom<br>(MD)  | Stage Ce<br>Dep     | 1                                      | 1   | f Sks. &<br>of Cement                                  | Slurry<br>(BE                            |                       | Cement 7            | Гор*             | Amount Pulled   |                   |
| 17.500<br>12.250   | 1  | 375 J-55<br>325 J-55    | 54.5<br>40.0               |  | 0               |            | 799<br>3410  |                     |  |   | 1600<br>1300   |  |                       | 0                   |                  |   | -                 |
| 7.875  |  | 500 J-55                |                            | 17.0 0   |                 |            | 7398   |                     | 5499                                   |   | 725  |  |                       | 2740                |                  |   | -                 |
|  |  |                         |                            |  |                 |            |  |                     |  |   |  | -  | •                     |                     |                  |   | -                 |
| 24 T.L.  | D l  |                         |                            |  |                 |            |  |                     |  |   |  |  |                       |                     |                  |   | <u>.</u>          |
| 24. Tubing   | Depth Set (M   |                         | acker Depth                | (MD)   | Siz             | ze         | Dept   | h Set (MD           | ) P                                    | acker De  | pth (MD)   | Size                                     | De                    | epth Set (M         | D)               | Packer Depth (MD)   | -<br>-            |
| 2.875<br>25 Produci  | ng Intervals   | 5633                    |                            |  |                 | <u> </u>   | 26   | Perforation         | on Reco                                | ord   |  | <u>L</u>                                 |                       |                     |                  |   | -                 |
|  | ormation   |                         | Тор                        | I  | Bot             | ttom       | _  |                     |  | Interval  |  | Size                                     |                       | No. Holes           |                  | Perf. Status  | <b>-</b>          |
| A)   | DELAV  | VARE                    |                            | 5461   |                 | 7.1        | 104  |                     |  |   | O 6428   | 0.4                                      |                       |                     |                  | AGES (4, 5, 6 AND   | <u>7)</u> COMBIN  |
| B)<br>C)   |  |                         |                            |  |                 | <u> </u>   | _  |                     |  | 6476 TO 6632<br>6664 TO 6788  |  |  | 0.420<br>0.420        |                     | 34               |   | -                 |
| D)   |  |                         |                            |  |                 | i          |  |                     |  |   | O 7104   | 0.4                                      | _                     | 58                  | 1                |   | <u>-</u><br>-     |
|  | racture, Treat   |                         | nent Squeeze               | e, Etc.  |                 | <u> </u>   |  |                     |  |   | 1.T C.   | 4-4-3-3                                  |                       |                     |                  |   | -                 |
|  | Depth Interva<br>56  |                         | 104 PUMPE                  | D 105,1  | 27 GA           | LLC        | NS OF  | SLICK WA            |  |   | d Type of M<br>D 10,500 GA                             |  | OF 15%                | 6 HCL ACID          | , 392,8          | 332 GALLONS OF  | <del>-</del><br>- |
|  |  |                         |                            |  |                 | 1          |  |                     |  | <del></del>   |  | DI                                       | 11                    | ANA                 | A LALA           | ON  | -                 |
| 20 P. I.   |  |                         |                            |  |                 |            |  |                     |  |   |  | N N N                                    | ריע <u>ד</u><br>  און | 6-15                | -7               | ž · ·   | -<br>-            |
| Date First   | ion - Interval   | Hours                   | Test                       | Oil  | [4              | Gas        | ,  | Water               | Oil Gr                                 | avity   | Gas  |  | Product               | tion Method         |                  |   | -                 |
| Produced<br>12/20/2012   | Date<br>12/31/2012   | Tested<br>24            | Production                 | BBL<br>200   |                 | MCF<br>19  | 99.0   | 864.0               | Corr.                                  | 40.0  | Gravit   | y<br>                                    | ļ                     | ELECTRIC            | PUMP             | SUB-SURFACE   |                   |
| Choke<br>Size<br>N/A   | Tbg. Press.<br>Flwg. 200<br>SI   | Csg.<br>Press.<br>140.0 | 24 Hr.<br>Rate             | Oil<br>BBL<br>20                                   | [1              | Gas<br>MCF |  | Water<br>BBL<br>864 | Gas:O<br>Ratio                         | il  | Well S   | itatus 10                                | CE                    | PTED                | FO               | R RECORI  | 7                 |
|  | tion - Interva   | 1                       |                            |  | <u> </u>        | 1          | 1  |                     |  |   |  | 1  |                       |                     |                  | 7   | 2                 |
| Date First<br>Produced   | Test<br>Date   | Hours<br>Tested         | Test<br>Production         | Oil<br>BBL   |                 | Gas<br>MCF |  | Water<br>BBL        | Oil Grav<br>Corr. AF                   |   | Gas<br>Gravit  | y  | Product               | tion Method<br>MAR  | 1 6              | 2013  | -                 |
| Choke<br>Size  | Tbg. Press.<br>Flwg.<br>SI   | Csg.<br>Press.          | 24 Hr.<br>Rate             | Oil<br>BBL   |                 | Gas<br>MCF |  | Water<br>BBL        | Gas:O<br>Ratio                         | il  | Well S   | atus                                     |                       | 2 G                 |                  | >   | -                 |
|  | tions and space  | SSION #2                |                            | IFIED  | BY T            | HΕ         |  |                     |  |   |  | AISED.                                   | CA                    | U OF LAI<br>RISREVI | EICLI            | IANAGEMENT<br>D+9FFICE  | -                 |

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| 28b. Prod                    | uction - Interv                              | val C                        |                                 |                       |                           |  |   |  |                                  |  |   |  |  |
|------------------------------|--|------------------------------|---------------------------------|-----------------------|---------------------------|--|---|--|----------------------------------|--|---|--|--|
| Date First Test Hours        |  | _                            | Test<br>Production              | Oil<br>BBL            | Gas<br>MCF                |  | Oil Gravity<br>Corr. API                | Gas<br>Gravi                             | tv                               | Production Method  |   |  |  |
| rioduced                     | Date   | resieu                       |                                 | DDL                   | MCI                       | BBL  | Jon. Art                                | Gravi                                    |                                  |  |   |  |  |
| Choke<br>Size                | Tbg. Press.<br>Flwg.<br>SI                   | Csg.<br>Press.               | 24 Hr.<br>Rate                  | Oil<br>BBL            | Gas<br>MCF                |  | Gas:Oil<br>Ratio                        | Well                                     | Status                           |  |   |  |  |
| 28c. Prod                    | uction - Interv                              | /al D                        |                                 |                       |                           |  |   |  |                                  |  |   |  |  |
| Date First<br>Produced       | Test<br>Date                                 | Hours<br>Tested              | Test<br>Production              | Oil<br>BBL            | Gas<br>MCF                |  | Oil Gravity<br>Corr. API                | Gas<br>Gravi                             | ity                              | Production Method  |   |  |  |
| Choke<br>Size                | Tbg. Press.<br>Flwg.<br>SI                   | Csg.<br>Press.               | 24 Hr.<br>Rate                  | Oil<br>BBL            | Gas<br>MCF                |  | Gas:Oil<br>Ratio                        | Well                                     | Status                           |  |   |  |  |
| 29. Dispo                    | sition of Gas                                | Sold, used                   | for fuel, vent                  | ed, etc.)             | 1                         |  |   |  |                                  |  |   |  |  |
|                              | nary of Porous                               | Zones (Inc                   | clude Aquife                    | rs):                  |                           |  |   |  | 31. For                          | mation (Log) Markers   |   |  |  |
| tests,                       | all important<br>including dep<br>ecoveries. | zones of po<br>th interval t | prosity and c<br>tested, cushic | ontents ther          | eof: Cored<br>e tool oper | l intervals and all<br>n, flowing and sh                                 | drill-stem<br>ut-in pressure            | s<br>                                    |                                  |  |   |  |  |
| Formation                    |  |                              | Тор                             | Bottom                |                           | Descriptions,  | Contents, etc                           | i  |                                  | Name   | Top<br>Meas. Depth  |  |  |
| BASE OF<br>DELAWA<br>BONE SP | RE   | (include pl                  | 3431<br>3456<br>8335            | 3456<br>7264          |                           |  |   |  | TO<br>BA<br>DE<br>BC<br>BC<br>2N | ISTLER IP SALT SE OF SALT ELAWARE INE SPRING INE SPRING LIME D BONE SPRING D BONE SPRING | 1382<br>1477<br>3160<br>3456<br>7264<br>8335<br>9949<br>10856 |  |  |
|                              | e enclosed atta                              |                              | s (1 full set re                | eq'd.)                |                           | 2. Geologic Re   | eport                                   | 3  | . DST Re                         | port 4. Directi  | onal Survey   |  |  |
| 5. Su                        | ndry Notice f                                | or plugging                  | and cement                      | verification          | t                         | 6. Core Analys   | sis                                     | 7  | Other:                           |  |   |  |  |
|                              |  |                              | Elect<br>Committed              | ronic Subn<br>For RKI | ission #20<br>EXPLOF      | mplete and correct<br>00871 Verified b<br>RATION & PRO<br>essing by KURT | y the BLM V<br>DD LLC, sen<br>SIMMONS ( | Vell Inform<br>t to the Ca<br>on 03/11/2 | nation Sy<br>Irlsbad<br>013 (13K | MS5387SE)  | ions):  |  |  |
| Name                         | (please print                                | CHARLE                       | S K AHN                         |                       |                           |  | Title <u>F</u>                          | iS&E/RE                                  | <u>JULATO</u>                    | RY MANAGER   |   |  |  |
| Signa                        | ture   | (Electron                    | ic Submiss                      | ion)                  | !                         |  | Date 03/06/2013                         |  |                                  |  |   |  |  |
|                              |  |                              |                                 |                       | 1                         | <del></del>  | <del></del>                             |  |                                  | to make to any department or   |   |  |  |