Form 3160-4 , (March 2012)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: October 31, 2014

| VAZET I | COMPL | ETION  | D DECOMP  | ETION | DEDADT | AND  |     |
|---------|-------|--------|-----------|-------|--------|------|-----|
| WELL    | CONTR | EHON C | R RECOMPI | LEHON | REPORT | ANI) | LOG |

|  | VVI                   | ELL (        | OWIPL       | EHOR        | N OK K     | ECOMPLE  | HON R       | REPORT             | AND                                  | _OG                       |            |              | ease Ser<br>8145                                    | iai No.<br>NMNM 1        | 113416       |             |             |
|--|-----------------------|--------------|-------------|-------------|------------|--|-------------|--------------------|--------------------------------------|---------------------------|------------|--------------|---|--------------------------|--------------|-------------|-------------|
| a. Type of   | Well                  | <b>V</b> o   | il Well     | Ga          | s Well     | Dry  | Other       |                    |                                      |                           |            |              |   | Allottee or              |              | ame         |             |
| 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   | Operator              | . 0          | <del></del> |             |            |  | <del></del> |                    |                                      |                           |            |              |   | me and We                |              |             |             |
| Regenerat  3. Address  |                       | / Corp.      | ·           |             |            | <del></del>                                    |             | 3a. Phone i        |                                      | HOBBS                     |            |              | dreth F   | ederal Co                | om #1H       | *           |             |
|  | Artesia, NM           |              |             |             |            | P. L.  |             | 575 736-           | 3535                                 |                           | ·          | 30-          | 025-41  | 522                      |              |             |             |
| 1. Location  | , ,                   | •            |             | rly and     | in accord  | ance with Feder                                | al require  | ments)*            |                                      | SEP 17                    | 2014       | l 10.<br>Ant |   | d Pool or E<br>lidge/Bon |              |             | •           |
| At surface   | 330' FSL              | _ 280        | FVVL        |             |            |  |             |                    |                                      |                           |            | 11.          | Sec., T.,   | R., M., on               | Block as     | nd          | <del></del> |
|  |                       |              |             |             |            |  |             |                    | L.                                   | RECE                      | VED        |              | Survey o  | r Area Se                | ec. 24 T2    | 3S R34E     |             |
|  | d. interval re        | •            |             |             |            |  |             |                    | B:                                   | 0000                      |            | 12.          | County  | or Parish                | 13           | . State     |             |
| At total de  | <sub>pth</sub> 330' F | NL 3         | 47' FWL     | /           |            |  |             |                    |                                      |                           |            | Lea          | Lea County NM                                       |                          |              |             |             |
| <ol><li>Date Spi</li></ol>   | udded                 |              | 15. I       | Date T.D    | ). Reached | d  | 16          | 16. Date Completed |                                      |                           |            |              | 17. Elevations (DF, RKB, RT, GL)*                   |                          |              |             |             |
| 12/16/201<br>  8. Total De   |                       | 157          |             | 16/2014     |            | g Back T.D.:                                   | MD 156      | D&A<br>674         |                                      | Ready to Pro<br>20. Depth |            |              | '1' GL<br>MD  |                          |              |             |             |
| )  | TVI                   | 1136         | 38.61       | D (6        |            |  | TVD 113     | 373.23             |                                      | ·                         | vell cored |              | TVD   | V (C.1.                  | 3            | • •         |             |
| 21. Type El<br>None  | ectric & Oth          | er Mech      | anical Log  | s Kun (S    | ubmit cop  | y of each)                                     |             |                    |                                      | 4                         | ost run?   |              | ✓ No Yes (Submit analysis) ✓ No Yes (Submit report) |                          |              |             |             |
| 23. Casing   | and Liner R           | ecord /      | Renort all  | strings     | set in wel | <u>,                                      </u> |             | <del></del>        | _                                    | Direct                    | ional Su   | vey?         | 10 🔼  | Yes (Subm                | nit copy)    |             |             |
| Hole Size  | Size/Gra              |              | Wt. (#/ft.) | T           | (MD)       | Bottom (MD                                     | Stag        | e Cementer         | 1                                    | of Sks. &                 |            | urry Vol.    | Cem   | ent Top*                 | T .          | Amount Pull | <br>ed      |
| 17.5"  | 13 3/8"               | - 5          | <br>54.5#   | 0           |            | 1212'  |             | Depth              | 940                                  | of Cement                 | _          | (BBL)        | 0   |                          | none         |             |             |
| 12.25"   | 9 5/8"                | 4            | 10#         | 0           |            | 5024'  |             |                    | 1500                                 |                           |            |              | 0   |                          | none         |             |             |
| 8.75"  | 5 1/2"                | 1            | 7#          | 0           |            | 15719'   |             |                    | 2280                                 |                           |            |              | 4750'   |                          | none         |             |             |
|  |                       |              |             |             |            |  |             |                    |                                      |                           |            |              |   |                          | ļ            |             |             |
|  |                       |              |             |             |            |  | -           |                    |                                      |                           | _          |              | -   |                          | <del> </del> |             |             |
| 24. Tubing   | Record                |              |             | <u> </u>    |            | _L   |             | •                  |                                      |                           |            |              |   |                          | <u> </u>     | <u> </u>    |             |
| Size   | Depth S               | et (MD       | ) Packe     | er Depth    | (MD)       | Size   | Dept        | h Set (MD)         | Packer                               | Depth (MD                 | )          | Size         | Dept  | h Set (MD)               | P            | acker Depth | (MD)        |
| 25. Produci  | ng Intervals          |              |             |             |            |  | 26.         | Perforation        | Record                               |                           |            |              |   |                          |              |             |             |
|  | Formation             | )            |             | Top         | ,          | Bottom   |             | Perforated In      |                                      |                           | Size       | No. 1        | Holes   |                          | Perf.        | Status      |             |
| A) Bone S  | pring                 |              | - 8         | 618'        |            | 11540'   | 12,03       | 35-15374           |                                      | 0.4                       | 13         | 432          |   | open                     |              |             |             |
| B)<br>C)   |                       |              |             |             |            |  |             |                    |                                      |                           |            |              |   |                          |              |             |             |
| D)   |                       |              |             |             |            |  |             |                    |                                      |                           |            |              |   |                          |              |             |             |
| 27. Acid, Fi   | acture, Trea          | tment,       | Cement Sq   | ueeze, e    | tc.        |  |             |                    |                                      |                           |            |              |   | -                        |              |             |             |
|  | Depth Interv          | 'al          |             |             | le e el    |  |             |                    | Amount                               | and Type o                | f Materia  | ıl           |   |                          |              |             |             |
| see attach   | ea                    |              | se          | e attac     | nea        | •  |             |                    | -                                    |                           |            |              |   |                          |              |             |             |
|  |                       | ,            |             |             |            |  |             |                    |                                      |                           |            | *            |   |                          |              |             |             |
|  |                       |              |             |             |            |  |             |                    |                                      |                           |            |              |   |                          |              |             |             |
| 28. Producti<br>Date First   |                       | l A<br>Hours | Test        | k           | Dil        | Gas  | Water       | Oil Grav           | /ity                                 | Gas                       |            | roduction N  | Apthödia<br>Apthödia                                | CLA                      | ANA          | TYON        |             |
| Produced   | rest Date             | Tested       | Produc      |             | BBL        |  | BBL         | Corr. A            |                                      | Gravity                   |            | flowing      | ECT   | 图 /                      | 0-5          | -14         |             |
| 04/05/14   | 04/06/14              | 24           |             | <b>▶</b>  . | 316        | 238  | 2197        |                    |                                      |                           | ļ          |              | #.P %   | , 18.4                   |              |             |             |
| Choke  | Tbg. Press.           | -            | 24 Hr.      |             | Dil<br>BBL | 1  | Water       | Gas/Oil<br>Ratio   |                                      | Well Si                   |            |              |   |                          | ^ F^ F       | · = 0 0 i   |             |
| Size   | Flwg.<br>Sl           | Press.       | Rate        |             |            | İ  | BBL         | Rano               |                                      | produ                     | cing       |              | -PT   | - [] }-{                 | )K           | RECO        | $\{ \} \}$  |
| 24/64<br>28a. Produc   | tion Into-            | 1600:        | #           |             | 316        | 238  | 2197        |                    |                                      |                           |            | 1100         | I I   |                          |              |             |             |
| Date First   | <del>, ,</del>        | Hours        | Test        |             | Dil        |  | Water       | Oil Gra            | vity                                 | Gas                       | F          | roduction N  | lethod  |                          |              |             |             |
| Produced   |                       | Tested       | Produ       | ction E     | BBL        | MCF  | BBL         | Corr. A            | Pl                                   | Gravity                   |            |              | S   | EP (                     | 3 20%        |             |             |
| Choke  | Tbg. Press.           |              | 24 Hr.      |             | )il        | 1  | Water       | Gas/Oil            |                                      | Well St                   | atus       |              | ĹŹ  | lan                      | _حد          | SEP         | 18          |
| Size   | Flwg.<br>SI           | Press.       | Rate        |             | BBL        | MCF  | BBL         | Ratio              |                                      |                           |            | 2011         | REVIL   | OF LAND                  | MAN          | AGEMENT     |             |
| */2 ~~ :   | ructions and          | enca:-       |             |             | on non 2   | 1  |             |                    |                                      |                           |            |              | ZARL  | 30AD FI                  |              |             |             |
| (See instr   | uctions and           | spaces :     | ior additto | nai data    | on page 2  | . )  |             |                    |                                      |                           |            | I            | /   |                          |              |             |             |

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Subarit 3160-5 Doilling Activity Details & Completion Sundry details

| 28b. Prod   | luction - Inte             | rval C          |                    |             | · · · · · · · · · · · · · · · · · · · |                                    |                      |                                       |                  | · · · · · · · · · · · · · · · · · · · | 1967 1                     |
|---|----------------------------|-----------------|--------------------|-------------|---------------------------------------|------------------------------------|----------------------|---------------------------------------|------------------|---------------------------------------|----------------------------|
| Date First<br>Produced  |                            | Hours<br>Tested | Test<br>Production | Oil<br>BBL  | Gas<br>MCF                            | Water<br>BBL                       | Oil Grav<br>Corr. AF |                                       | Gas<br>Gravity   | Production Method                     |                            |
|   |                            |                 | <b>-</b>           |             |                                       |                                    |                      |                                       |                  |                                       |                            |
| 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/Oil<br>Ratio     |                                       | Well Status      |                                       |                            |
| 28c Prod  | uction - Inte              | rval D          |                    |             |                                       | <u> </u>                           |                      | · · · · · · · · · · · · · · · · · · · |                  |                                       |                            |
|   |                            | Hours<br>Tested | Test<br>Production | Oil<br>BBL  | Gas<br>MCF                            | Water<br>BBL                       | Oil Grav<br>Corr. AF | vity<br>PI                            | Gas<br>Gravity   | Production Method                     |                            |
| 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/Oil<br>Ratio     |                                       | Well Status      |                                       |                            |
| 29. Dispo   | sition of Gas              | S (Solid, us    | ed for fuel, ve    | nted, etc.) |                                       | !                                  |                      |                                       | L,               |                                       |                            |
| 30. Sumr  | nary of Poro               | ous Zones (     | (Include Aqui      | fers):      |                                       |                                    |                      |                                       | 31. Formation    | on (Log) Markers                      |                            |
| Show  | all importanting depth int | t zones of p    | orosity and c      | ontents the |                                       | intervals and al<br>ng and shut-in |                      | ests,                                 |                  |                                       |                            |
| P.  | . •                        | - T             | <b>1</b>           |             | Descriptions, Contents, etc.          |                                    |                      |                                       |                  |                                       | Тор                        |
| Fort  | mation                     | Тор             | Bottom             |             |                                       |                                    |                      |                                       |                  | Name                                  | Meas. Depth                |
| bone spring 8618' 1   |                            | 11540'          |                    |             |                                       |                                    |                      | Top of Salt<br>bottom of salt         | <del></del>      | 1220<br>4841                          |                            |
|   |                            |                 |                    |             |                                       |                                    |                      |                                       | delaware         |                                       | 5261                       |
|   |                            |                 |                    |             |                                       | •                                  |                      |                                       | bone spring      |                                       | 8618                       |
|   |                            |                 | ,                  |             |                                       |                                    |                      |                                       |                  |                                       |                            |
|   |                            |                 |                    |             |                                       |                                    |                      |                                       |                  |                                       |                            |
|   |                            |                 |                    |             |                                       |                                    |                      |                                       |                  |                                       |                            |
|   |                            |                 |                    |             |                                       |                                    |                      |                                       |                  |                                       |                            |
| 32. Addit   | tional remark              | ks (include     | plugging pro       | cedure):    |                                       |                                    |                      |                                       | l                | ,                                     |                            |
|   |                            |                 |                    |             |                                       |                                    |                      |                                       |                  |                                       |                            |
|   |                            |                 |                    |             |                                       | \                                  |                      |                                       |                  |                                       |                            |
|   |                            |                 |                    |             |                                       |                                    |                      |                                       |                  |                                       |                            |
|   |                            |                 |                    |             |                                       |                                    |                      |                                       |                  |                                       |                            |
| 33 Indic:   | ate which ite              | ms have be      | en attached b      | v placing   | a check in the                        | appropriate bo                     | oxes:                |                                       |                  |                                       |                            |
|   |                            |                 | (1 full set req'   |             |                                       | Geologic Repo                      |                      | DST Repo                              | пt               | ☑ Directional Survey                  |                            |
| ☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other: |                            |                 |                    |             |                                       |                                    |                      |                                       |                  |                                       |                            |
| 34. I here  | by certify th              | nat the fore    |                    |             |                                       | nplete and corr                    | ect as determ        | nined from a                          | ıll available re | ecords (see attached instructions)*   | *                          |
| ٨   | lame (please               | e print)        | Willia             | n Mi        | 1/2/                                  |                                    | Title                | Land                                  | man              |                                       |                            |
| . s   | ignature                   | 1               |                    | 3           | 3                                     | -                                  | Date                 | 4/8/                                  | 14               |                                       |                            |
| Title 18 I  | LS C Section               | n 1001 and      | l Title 43 U.S     | C. Section  | n 1212. make                          | it a crime for a                   | ny person kn         | owingly and                           | d willfully to   | make to any department or agenc       | v of the United States anv |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3) (Form 3160-4, page 2)

## Landreth Federal Com #1H 30-025-41522 Sec. 24 T23S R34E

| <u>Perforations</u> | <u>7.5% Acid (Gal)</u> | <u>Sand</u> | <u>Fluid (Gal)</u> |
|---------------------|------------------------|-------------|--------------------|
| 15374-15573         | 3000                   | 256729      | 200313             |
| 15052-15251         | 4500                   | 252178      | 199789             |
| 14731-14930         | 4515                   | 254130      | 201528             |
| 14409-14608         | 4500                   | 251441      | 201638             |
| 14087-14286         | 4500                   | 250562      | 200070             |
| 13766-13965         | 4500                   | 253380      | 201339             |
| 13444-13643         | 4500                   | 252301      | 202546             |
| 13123-13322         | 4500                   | 240557      | 201633             |
| 12801-13000         | 4500                   | 245240      | 200635             |
| 12479-12678         | 4500 `                 | . 242488    | 200500             |
| 12158-12357         | 4500                   | 250061      | 201230             |
| 11836-12035         | 4500                   | 242957      | 191066             |
|                     |                        |             |                    |