Form 3160-4 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED

| BUREAU OF LAND MANAGEMENT QCD:Artesia WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | | | | | Expires: January 31, 2004 NM- Lease Serial No. | | | | | |
|--|---------------------------------------|---|-------------|-------------|-------------------------------|------------------|------------------|---------------------------------------|-------------|--------------|----------|---|----------------------------------|------------------|---------------------------------------|-----------------|---|
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | NM-01 | | | | = |
| la Type o | of Well | ☑ oi | il Well | Gas W | eli 🗌 | Dry Ot | her | | | | | 6 | . If Ind | ian, Allotte | e or Tribe | Name | |
| | | | | | | | | Deepen 🔲 Plug Back 🔲 Diff. Resvr. | | | | | | | | | |
| | | | Other | | | | | | | | | 7 | . Unit c | or CA Agree | ement Nan | e and No | |
| 2. Name o | of Operato | r | Other | | | | | | | | | | | | ******* | | _ |
| | ne Oil Cor | | 14744 | | | | | \ | | | | | 8. Lease Name and Well No | | | | |
| 3. Addre | | iipuiij | <u> </u> | | | | | 3a. Phone | No. (inc | lude area | code) | <u>-</u> | Ruger 6 Fed Com #3H | | | | |
| PO Box 5 | 270 Hol | bs. NM | 88241 | | | | | 575-393-5905 | | | | | 9. API Well No. | | | | |
| PO Box 5270 Hobbs, NM 88241 575-393-5905 4. Location of Well (Report location clearly and in accordance with Federal requirements)* | | | | | | | | | | | | 30-015-37198 10 Field and Pool, or Exploratory | | | | | |
| | | - | | • | | | | • | | | | | Winchester Bone Spring | | | | |
| At sur | rface 15 | 0' FNL | & 1755' FE | L, Lot 2, | Sec 6, | T20S, R29E | | | | | | | | T., R., M, | | | _ |
| At top prod. interval reported below 147' FNL & 1741' FEL, Lot 2, Sec 6, T20S, R29E | | | | | | | | | | | / '' | or A | rea Sec 6-T2 | OII DIOCK | and burve | , | |
| 710 top prod. Interval reported below 147 FINE & 1741 FEE, EU(2, 350 0, 1203, N23E > | | | | | | | | | | | 12 | Count | y or Parish | 13 S | tate | - | |
| At total depth 360' FSL & 1800 ' FEL, Sec 6, T20S, R29E, Unit O | | | | | | | | | | | 1 | Eddy NM | | | | | |
| 14. Date Spudded 15. Date T.D. Reached | | | | | | | | 16. Date Completed | | | | | 17 Elevations (DF, RKB, RT, GL)* | | | | |
| 14. Daic | Spadaca | | 13. | Date 1.D. | Reacii | cu | | D D | · | | | | 17 Dievations (B1, RRB, R1, GB) | | | | |
| 04/15/11 | | | 05/2 | 26/11 | | | | 07-11-2011 | | | | 3294' GL | | | | | |
| 18. Total | Depth: M | | | | 19. PI | ug Back T.I | | | | | | lge Plug Set. | ug Set. MD NA | | | | |
| | | VD 89 | | | | | | 8979" | | | | | | /D | | | _ |
| 21. Type E | Electric & (| Other M | echanical L | ogs Run | (Subm | it copy of eac | h) | | | 22. Was | | | ∑ I N∘ | = | (Submit ar | | |
| | | | | | | | | | | | DST | | ₹ No | | (Submit re | | |
| Gyro/ GR | | . n | 1 (0) | | | | | | | Dire | ctiona | ıl Survey? [| No | Y Yes | (Submit co | py) | _ |
| 23. Casing | g and Line | r Recor | d (Report a | ill strings | set in w | ell) | 1 644 | - Comonton | No o | f Sks. & | CI | | | 1 | | | _ |
| Hole Size | Size/G | rađe ' | Wt. (#/ft) | Top (1 | MD) | Bottom (M | D) Stag | ge Cementer Depth | | f Cement | | urry Vol. (BBL) | Ceme | ent Top* | Amou | nt Pulled | |
| 26 | 20" J | 55 | 94 | 0 | | 305' | | | | 300 | | 191 | S | urface | 1 | ĮA | _ |
| 17 1/2" | 13 3/8" | H40 | 48 | 0 | | 1208' | | | | 850 C | | 290 | | urface | 1 | ĮA | _ |
| 12 1/4" | 9 5/8" | J55 | 36 | 0 | | 2670' | | | | 1480 H/C | | 505 | | ırface | 1 | IA | _ |
| 8 3/4" | 7" P1 | 10 | 26 | 6 0 | | 9185' | | <u> </u> | | 1400 H | | 260 | | 160' | 1 | IA | _ |
| 6 1/8" | 4 1/2" F | 110 | 11.6 | 8968' | MD | 13510' MD |) | Liner | 1 | NA | ļ | NA | | NA | 1 | IA. | _ |
| | _L | | | 8835' ' | TVD | 8979' TVI | <u> </u> | | <u> </u> | | | l | | | | | _ |
| 24. Tubing | g Record | | | | | , | | | | | | | | | | | _ |
| Size | Depti | 1 Set (M | D) Packe | r Depth (| MD) | Size | Dep | th Set (MD) | Packer D | Depth (MD) | <u> </u> | Size | Dept | h Set (MD) | Packer I | Depth (MD) | _ |
| | | | | | | | | | | | <u> </u> | | <u> </u> | | | | _ |
| 25. Produc | ing Interv | | | | | | 26. | Perforation | | | | | | | | | _ |
| | Formatio | n | | TOP | | Bottom | | Perforated I | nterval | | Size | No. H | oles | | Perf. Statu | 3 | _ |
| A) Bone Springs | | | | 4956' | | 13575 | | 9248' - 13506' MD | | | Ports | | ' | Open | | _ | |
| В) | | | | | | | | 8897' - 8979 | 'TVD_ | | | | | | $-\Delta$ | | _ |
| C) | | | | | | <u> </u> | | | | | | | | | | | _ |
| D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. | | | | | | | | | | | | | | | | _ | |
| | Depth Inter | | t, Cement S | Squeeze, | etc. | | | Α. | mount on | d Type of N | Antoni | a1 | | A. | - Z/ | 0 }/ | _ |
| | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · | | /17.00/ |) I - 1 <i>5</i> | '0/ TICL 9- 0/4/ | 2001- 20 | | | | | | .00 # CT | Excel. O | . | | - |
| 9248' -1350 | O IVID | | FIE | ic w/17,000 | gais 15 | % HCl & 964,0 | JUU gais 20 | # X-Link Gei | carrying 80 | 34,000 20/40 | sand, | tailed W/242,3 | 000 # SE | S Excel. | 7 - | | 7 |
| | | | | | | | | | | | | • | | /. | <u> </u> | z () | 7 |
| | | | -+ | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | \%, | · <i>O</i> | - |
| 28. Produc | ction - Inte | rval A | | - | | | | | ` | | | | | | -12 | | - |
| Date First | Test | Hours | Test | Oil | | Gas | Water | Oil Grav | ity | Gas | | Production M | fethod | | | <u></u> | - |
| Produced | Date | Tested | Producti | on BBL | | MCF | BBL | Corr. AP | I | Gravity | ľ | Jet. | P(4.7) | 1 1861 | / | 4/ | |
| 07/11/11 | 07/14/11 | - 24 | | | 712 | 707 | 960 | | 55 | 0 610 | | Flowing: | | *.** | | | _ |
| Choke Size | Tbg Press Flgw. | ress Csg 24 Hr Oil Gas Water Press Rate BBL MCF BBL | | | Gas [.] Oil Ratio | | | s | LAPORDIE | | "N | ח חבי | 1000 | 1 | | | |
| 34/64" | SI | | | | 707 | | 993 | | Open | | HUUL | CCEPTED, FOR RE | | | (IMI), | | |
| | ction - Inte | | <u> </u> | | 712 | /V/ | 960 | | ,,, | Tohen | - 1 | | | - (1; | · · · · · · · · · · · · · · · · · · · | · · · · · · · · | - |
| Date First | Test | Hours | Test | Oıl | | Gas | Water | Oil Grav | ity | Gas | | Production M | ethod | (7) | | | ł |
| Produced | Date | Tested | Product | | , | MCF | BBL | Corr. AP | | Gravity, | 14.00 | 71 4 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | <u>.</u> :: | orga decugeΩ= | O015- | | ĺ |
| | | 0 | ┵Ӛ |) (| | | | | ,, | | . 4 | <u>' l'</u> | ·· U U | C3 '0'' | 4011-1 | | L |
| | | | | | | Water BBL | Gas Oil Ratio | | Well Status | | | L | lom | | | | |
| 1 | J. | | | | | . 1 | | 1 | | 4 | | | , | | | - | |

(See instructions and spaces for additional data on next page)

CARLSBAD FIELD OFFICE

| 28b Produ | ction - Inter | rval C | | | | | | | | | | |
|------------------------|-------------------------|-----------------|--------------------|--------------|---------------------------------|-------------------------------|--|---------------------|------------------------------|-------------------------------|--|--|
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr API | Gas Gravity | Production Method | - | | |
| Choke Size | Tbg Press Flwg SI | Csg Press | 24 Hr. Rate | O:l BBL | Gas MCF | Water . BBL | Gas Oil Ratio | Well Status | | | | |
| 28c Produ | ction - Inter | val D | | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method | | | |
| Choke Size | Thg Press Flwg SI | Csg Press | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | Well Status | | | |
| 29 Disposi SOLD | ition of Gas | (Sold use | d for fuel, v | ented, etc. |) | <u></u> /- , | | | | | | |
| | ary of Poro | us Zones (| Include Aqı | ifers) | | | | 31 Formati | on (Log) Markers | | | |
| Show tests, | all importa | ant zones | of porosity a | and conter | its thereof: (, time tool o | Cored interva ben, flowing | als and all drill-ste and shut-in pressur | m | on (20g) Mando | | | |
| Forma | ntion | Тор | Bottom | | Descriptions, Contents | | | | Name | Тор | | |
| | ation | тор | Bottom | | Desci | iptions, cont | | | Name | Meas. Depth | | |
| | ľ | | | | | | | | Salado | 430 | | |
| | | | | | | | ľ | | Salt | 620 | | |
| | 1 | | | | | | | | Yates | 1016 | | |
| | | | | | | | | - | Queen | 1190 | | |
| | ł | | (| 1 | | | | 1 | Delaware | 3248 | | |
| | | | | | | | | | Bone Spring | 4956 | | |
| | | | | | | | | | TD | 13575 | | |
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| 32. Additio | onal remark | ts (include | plugging pr | ocedure): | ` | | | | | | | |
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| | | · | | | | | 10.00 | ···- | | | | |
| | enclosed att | | | | | | | _ | | | | |
| | | | gs (1 full se | | | eologic Rep | | | irectional Survey | | | |
| 5 Sun | idry Notice | for pluggir | ng and ceme | nt verificat | ion 6 C | ore Analysis | (7)Other | Comp Sundry, De | v Report, C104, Final C-102 | , pkr port | | |
| 34. I hereb | y certify th | at the fore | going and at | tached info | ormation is c | omplete and | correct as determin | ned from all availa | able records (see attached i | nstructions)* | | |
| Name | (please prin | at) Jackie | Lathan | | | | Title Hobbs I | Regulatory | | , | | |
| Signati | ur | acri | . > | ath | an_ | | Date 07/21/1 | 1 | | | | |
| Title 18 U. | S.C. Section | 1001 an | d Title 43 U | S.C. Sect | ion 1212 ma | ke it a crime | for any person kno | owingly and willf | fully to make to any depar | tment or agency of the United | | |
| States any 1 | talse fictitio | ous or frau | dulent staten | nents or re | presentations | as to any ma | atter within its juris | diction. | | | | |
| | | | | | | | | | | (Form 3160-4 (9/01), Page 2) | | |