| Submit To Appropriate District Office State of New Mexico Form C-105 | | | | | | | | | | | | | | | |
|--|---|-----------|---------------------------------------|----------------------------------|--|---------------------------------------|---|--|--|-----------------------------|---|--|---|--|--|
| Fee Lease - 5 copies Energy, Minerals and Natural Resources | | | | | | Revised June 10, 2003 | | | | | | | | | |
| District I 1625 N. French Dr. F | Distort 1 1625 N French Dr., Hobbs, NM 88240 REVISED | | | | | | WELL API NO. | | | | | | | | |
| District II | District II | | | | | | 30-025-38158 | | | | | | | | |
| 88210 Grand Avenu | 1301 W Chang Hiveha, 1400 | | | | | | 5. Indicate Type of Lease STATE ☐ FEE ☒ | | | | | | | | |
| District III 1000 Rio Brazos Rd, Aztec, NM 87410 Santa Fe, NM 87505 | | | | | | | STATE FEE State Oil & Gas Lease No. | | | | | | | | |
| District IV | | | | | | | | | | | | | | | |
| 1220 S St. Francis Dr., Santa Fe, NM CONFIDENTIAL 87505 | | | | | | | | | | | | | | | |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | | dillinier | | Section 2 | Carlos Ca | | | |
| la. Type of Well: | | | | | | | | | 7. Lease Name or Unit Agreement Name | | | | | | |
| OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER | | | | | | | | | | | | | | | |
| b. Type of Completion: NEW ☑ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. | | | | | | | | | | | | | | | |
| NEW ☑ WORK ☐ DEEPEN ☐ PLOG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER | | | | | | | | Sunshine | | | | | | | |
| 2. Name of Operato | | | | | | | | 8. Well No. | | | | | | | |
| Cimarex Energy 3. Address of Opera | | | | | ······ | | | | 9 Pool name or Wildcat | | | | | | |
| PO Box 140907 | | TY 79 | 501 <i>4</i> -000 | 17 | | | | 1 | Denton; Wolfcamp | | | | | | |
| 4. Well Location | , ii viiig, i | . A / . | 3014-030 | | | | | Denton | , woncu | тр | | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | |
| SHL Unit Lette | | : | | | From The | | and | | F | eet From | Γhe | West | Line | | |
| BHL Unit Lette | | | 379 Township | | From The 15S | South Line Range | and 37E | 664 NM | F | eet From T | TheCounty | | Line | | |
| Section10. Date Spudded | II Date T | | | | 1. (Ready to Prod | | | | | T | 14 Elev. C | | | | |
| 02-03-07 | Reached | IJ, | 12.1 | | 5-02-07 | , 13. Lievanions | | 775' GR | | | ., | | | | |
| | 05-03 | | | · • | | | | | | | | | | | |
| 15. Total Depth | ı | - | Back T.D. | 17. If M | ultiple Compl. I | low Many Zones? | 18. 1 | ntervals Dri | illed By | Rotary T | ools | Cable Tools | | | |
| MD 11071' TVD 9381' | 917 | '9' (pi | ilot hole) | | | | | | | Rotary | | | | | |
| 19. Producing Inter | val(s), of this | comr | oletion - To | n. Bottom. | Name | | | | 20. | Was Direct | tional Surve | y Made | | | |
| Denton; Wolfer | amp 9306 | '-104 | 164' | | | | | | | | Y | es | | | |
| 21. Type Electric ar | | s Run | | | | | | 1 | Well Core | :d | | | | | |
| Laterolog, Neut | ron Log | | | | LOTNO DI | ZCOPP (Dans | .4 -11 | No | | 11\ | *************************************** | | | | |
| 23. CASING SIZE | WEI | CUT I | LB /FT | | TH SET | ECORD (Repo | | | | (eff) ING RECO | DI) | AMOUNT | DITTED | | |
| 13-3/8" | | 48 | | | 600, | 17-1/2" | | 520 sx, circ 100 | | | 1112 | AMOUNT | CEBED | | |
| 8-5/8" | | 32 | | 4510' | | 11" | | 1550 sx, circ | | | | | | | |
| 5-1/2" 2-7/8" | | 6.5 | | | 9715' 1071' | 7-7/8" 4-3/4" | | Iso | 370 sx, TOC 6286' [so-Port Liner, no cmt required] | | | | | | |
| 24. | | 0.0 | | | INER RECOR | · · · · · · · · · · · · · · · · · · · | 25 | | | IG RECO | | | | | |
| SIZE | TOP | | воттом | | CKS | SCREEN | SIZ | ZE | | DEPTH SE | T | PACKER SET | , | | |
| 2 7/0" | 0107 | | 11071' | CE | MENT | | | ··· | | | | | | | |
| 2-7/8" 26. Perforation re | cord (interva | ıl. size | and numt | per) | | 27. ACID, SHOT | FRAC | TURE, C | EMENT. | SOUEEZI | E. ETC. | _L | | | |
| Pump out plug @ | 10,940.51, | Hydro | o Pak Ancl | hor @ 10, | 874.32; | DEPTH INTERVAL | | | | | IAL USED | | | | |
| Iso Pak Open Hole | | | | | | 9306'-10464' | . | 60000 gal 15% HCl Acid, 20000 gal 15% HCl Diverter Acid, | | | | | | | |
| 10,463.44;' Iso Pak Open Hole Pkr #2 @ 10;201.47,' Strata Port #2 1.75 Scat @ 9,871.88;' Iso Pak Open Hole Pkr #3 @ 9,544.35,' Strata | | | | | | | | | | | | | | | |
| Port #3 2.0 Seat @ 9,306.32' Arco Set Pkr and On-Off Tool top set @ 9,107.82' | | | | | | | | | | | | | | | |
| Arco Set Pkr and C | n-Oii Iool | top s | et @ 9,10 i | 7.8 <i>Z</i> * | | | | | | | | | | | |
| 28. | | | | | | RODUCTION | | | T | | | | | | |
| Date First Production 06-02-07 | n | Pro D. | oduction M | lethod <i>(Fla</i> . フ 5" マ 1 | wing, gas lift pi איז איז איז איז איז איז | umping - Size and type BM HVR Pump | pump) | | Well State | tus <i>(Prod. o</i> in o | r Shut-m) | | | | |
| Date of Test | Hours Test | | Choke Size | | Prod'n For | Oil - Bbl | Ga | s - MCF | | Water - Bb | 1. | Gas - Oil Ratio |) | | |
| 06-23-07 | 24 | | | | Test Period | 172 | 73 | | | 59 | | 424 | | | |
| Flow Tubing | Casing | | Calculated | 24 Hour | Oil - Bbl. | Gas - MCF | | Water - Bb | l | Oil G | ravity - API | • (Corr.) | | | |
| Press. Pressure Rate 43.4 | | | | | | | | | | | | | | | |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By | | | | | | | | | | | | | | | |
| Sold | | | | | | | | | | | | | | | |
| 30. List Attachment | S | | | | | | | | | | | | | | |
| C-102 | u that the l | 2/2005 | ation sho | un on het | h cidae of this | orm as true and cor | mslata i | the bact | of my law | viladas ev | nd haliat | | | | |
| 31 A nereuy certif) | y mai ine ii | goritt | anon snoi | | | от на стис ини COI | apiete l | o me vest | oj my kno | meage an | in veriei | | | | |
| Signature 1 | odadi | · k | me! | P Λ_ 、 ^` | rinted Vame Nata | lie Krueger | Title | ; | Reg Ana | ılyst 1 | Dat | e 9/17/2007 | | | |
| E-mail Address nkrueger@cimarex.com | | | | | | | | | | | | | | | |
| 1 *** ****** * ************************ | ************************************** | | · · · · · · · · · · · · · · · · · · · | 2.21 | | | | | | | | | | | |

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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| South | neastern | New Mexico | Northwestern New Mexico | | | | |
|--------------------|----------|----------------|-------------------------|------------------|--|--|--|
| T. Anhy | | T. Canyon | T. Ojo Alamo | T. Penn. "B" | | | |
| T. Salt | | T. Strawn | T. Kirtland-Fruitland | T. Penn. "C" | | | |
| B. Salt | | T. Atoka | T. Penn. "D" | T. Leadville | | | |
| T. Yates | 3145 | T. Miss | T. Cliff House | T. Madison | | | |
| T. 7 Rivers | 3326 | T. Devonian | T. Menefee | T. Elbert | | | |
| T. Queen | 3936 | T. Silurian | T. Point Lookout | T. McCracken | | | |
| T. Grayburg | 4279 | T. Montoya | T. Mancos | T. Ignacio Otzte | | | |
| T. San Andres | 4421 | T. Simpson | T. Gallup | T. Granite | | | |
| T. Glorieta | 6679 | T. McKee | B. Greenhorn | T. | | | |
| T. Paddock | | T. Ellenburger | T. Dakota | T. | | | |
| T. Blinebry | 6916 | T. Gr. Wash | T. Morrison | Т. | | | |
| T. Tubb | 7479 | T. Delaware | T.Todilto | T. | | | |
| T. Drinkard | 7744 | T. Bone Spring | T. Entrada | T. | | | |
| T. Abo | 8158 | T. Morrow | T. Wingate | T. | | | |
| T. Wolfcamp | 9344 | T. | T. Chinle | T. | | | |
| T. Penn | | T. | T. Permian | T. | | | |
| T. Cisco (Bough C) | | T. | T. Penn "A" | T. | | | |

OIL OR GAS SANDS OR ZONES

| No. 1, fromtoto | No. 3, from | toto | | | | | | | | |
|--|-------------|------|--|--|--|--|--|--|--|--|
| No. 2, fromto | , | to | | | | | | | | |
| IMPORTANT WATER SANDS | | | | | | | | | | |
| Include data on rate of water inflow and elevation to which water rose in he | ole. | | | | | | | | | |

LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | То | Thickness In Feet | Lithology | From | То | Thickness In Feet | Lithology |
|------|----|----------------------|-----------|------|----|----------------------|-----------|
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