Form 3160-4 * (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD Hobbs ORM APPROVED

FORM APPROVED OMB No. 1004-0137 Expires July 31, 2010

5. Lease Serial No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | | | | | | | | | | NMNM2757 | 70 | | |
|--|--|--|--|--|---|--|---|---|-----------------------------|---------------------------------------|--|---|-------------------------------------|--|--|
| a Type of | Well 🛛 | Oil Well | _ | | □ Dı | _ | Other | | | | | If Indian, All | ottee o | r Tribe Name | |
| Type of Completion New Well Work Over Deepen Plug Back Diff Resvr Other | | | | | | | | | esvr 7 | 7. Unit or CA Agreement Name and No | | | | | |
| Name of | Operator EX ENERG | Y COMP/ | ANY OF Œ | 9Mail: 1 | | | ERRI STAT ex.com | HEM | | | 8 | . Lease Name DIAMANTE | and W | ell No EDERAL 2 | |
| CIMAREX ENERGY COMPANY OF ŒMail: tstathem@cimarex.com 3. Address 600 NORTH MARIENFELD STREET, SUITE 600 3a Phone No. (include area code) Ph: 432-620-1936 | | | | | | | | | 9 | 9. API Well No. 30-025-40132-00-S1 | | | | | |
| . Location | of Well (Rep | | -, | | | | • | | * 火っぱや野 | 606 | 1 | 0. Field and Po | ool, or | Exploratory | |
| At surfa | | | | | | | 60612 W Lo | in ¢ | | | 1 | 1 Sec, T, R., or Area Se | М., ол с 21 Т | r Block and Surve | |
| At top prod interval reported below NESE 1987FSL 571FEL FEB 1 3 2012 At total depth NWSW 2036FSL 340FWL 19268 & 494 De Unit | | | | | | | | | 112 1 | 2 County or P | arish | 13. State | | | |
| | | | | ate T.D | .D Reached | | | 16. Date Completed D & A 09/14/2011 | | | od 1 | 17. Elevations (DF, KB, RT, GL)* 3619 GL | | | |
| 8 Total D | epth. | MD TVD | 14666 10118 | | 19. F | Plug Back | Г.D.: М | ID VD | | | | Bridge Plug S | et: | MD TVD | |
| DĽĹ | lectric & Oth | | | | | py of each) |) | | , | Was D | vell cored? OST run? ional Surve | ₹ No | □ Ye | s (Submit analysis s (Submit analysis s (Submit analysis | |
| Casing ar | nd Liner Reco | ord (Repor | t all strings | | | Dotte | Store Ce | | No. of Sks. | 0. | C1 77 | , T | | | |
| Hole Size | Size/G | rade | Wt. (#/ft) | To (M | • 1 | Bottom (MD) | Stage Cem Depth | | Type of Cen | | Slurry V (BBL) | Cement Cement | Top* | Amount Pulle | |
| 17 500 | | 375 J-55 | 54.5 | | 0 | 1442 | _ | _ | | 1170 | | | 0 | | |
| 12.250 8.750 | | 25 N-80 0 P-110 | 40.0 17.0 | 1 | 0 | 5217 14665 | | \rightarrow | | 1600 2700 | | | | | |
| | | | | <u> </u> | | | | 〓 | | | | | | | |
| | | | | | | | | | | | | | _ | | |
| 24 Tubing | | - | -1 D | () (D) | 1 6 | | 4 6 4 (147) | 1 2 | 1 5 4 0 | (D) T | <u> </u> | D 4 C : 44 | D) [| D 1 D 4 04 | |
| Size 2.875 | Depth Set (M | 9708 | cker Depth | (MD) | Sız | e Dep | th Set (MD) | Pa | acker Depth (M | ו (עו | Size | Depth Set (M | D) | Packer Depth (M | |
| | ng Intervals | | | | | 26 | . Perforation | Recor | rd | | L | | | | |
| | Formation | | Тор | | Bottom | | Perforated Interval | | | Size | | No. Holes | | | |
| <u>()</u> | BONE SPI | RING | 10201 | | 14614 | | 10201 TO 109 | | | | | | Open, Bone Spring Open, Bone Spring | | |
| | | | | | | | 11132 TO 118 12060 TO 127 | | | | | | Open, Bone Spring | | |
| <u> </u> | | | ₩. | | | | | | 3928 TO 146 | | | | + | n, Bone Spring | |
|) <u> </u> | • | - | | | | | | | | | | | 1-6- | | |
| D) | acture, Treat | ment, Cem | ient Squeeze | e, Etc. | | | | | | | | | | | |
| D) | acture, Treat | | ient Squeeze | e, Etc. | | | | Am | nount and Type | of M | aterial | REC | | MATIO | |
| D) | Depth Interva 1020 | 1 TO 109 | 02 gal 20# | Borate 2 | | | | Am | nount and Type | of M | aterial | REC | | 3-14-1 | |
| D) | Depth Interva 1020 1113 | al 1 TO 109 2 TO 118 | 02 gal 20# 30 gal 20# | Borate 2 | XL, 267 | 662# 20/40 | sand | Am | nount and Type | of M | aterial | REC DUI | | | |
| D) | Depth Interva 1020 1113 1206 | nl 1 TO 109 2 TO 118 0 TO 127 | 02 gal 20# 30 gal 20# 58 gal 20# | Borate 2 Borate 2 Borate 2 | XL, 267 XL, 228 | 662# 20/40 786# 20/40 | sand sand | Am | nount and Type | of M | aterial | REC DUI | | | |
| C) D) 27 Acid, Fr | 1020 1113 1206 1392 | 1 TO 109 2 TO 118 0 TO 127 8 TO 146 | 02 gal 20# 30 gal 20# | Borate 2 Borate 2 Borate 2 | XL, 267 XL, 228 | 662# 20/40 786# 20/40 | sand sand | Am | nount and Type | of M | aterial | REC DUI | | | |
| C) D) 27 Acid, Fr | Depth Interva 1020 1113 1206 | 1 TO 109 2 TO 118 0 TO 127 8 TO 146 | 02 gal 20# 30 gal 20# 58 gal 20# 14 gal 20# | Borate 2 Borate 2 Borate 2 | XL, 267 XL, 228 XL, 251 | 662# 20/40 786# 20/40 178# 20/40 | sand sand water | Oil Grav | vity | e of M | | REC DUI | | | |
| D) 27 Acid, Fr | 1020 1113 1206 1392 100 - Interval | 1 TO 109 2 TO 118 0 TO 127 8 TO 146 A | 02 gal 20# 30 gal 20# 58 gal 20# 14 gal 20# | Borate 2 Borate 2 Borate 2 Borate 2 | XL, 267 XL, 228 XL, 251 | 662# 20/40 786# 20/40 178# 20/40 ias 1CF | sand sand sand Water BBL | - | vity PI | Gas Gravity | Pro | | | 3-14-1 | |
| 27 Acid, Fr | 1020 1113 1206 1392 ion - Interval Test Date 10/21/2011 | al TO 109 2 TO 118 0 TO 127 8 TO 146 A Hours Tested 24 | 02 gal 20# 30 gal 20# 58 gal 20# 14 gal 20# | Borate 2 Borate 2 Borate 2 | XL, 267 XL, 228 XL, 251 | 662# 20/40 786# 20/40 178# 20/40 ias iCF 346 0 | sand sand water | Oil Grav | vity IPI 37 9 | Gas Gravity 0 | 79 Pro | | | | |
| 27 Acid, Fr | 1020 1113 1206 1392 ion - Interval Test Date 10/21/2011 Tbg Press Flwg 255 | al TO 109 2 TO 118 0 TO 127 8 TO 146 A Hours Tested 24 Csg Press | 02 gal 20# 30 gal 20# 58 gal 20# 114 gal 20# Test Production | Borate 2 Borate 2 Borate 2 Borate 2 Borate 3 Borate 3 Oil BBL Oil BBL BBL | XL, 267 XL, 228 XL, 251 .0 | 662# 20/40 786# 20/40 178# 20/40 ias 1CF 346 0 | sand sand Water BBL 229.0 Water BBL | Oil Grav Corr A | vity PI 37 9 | Gas Gravity 0 Well Sta | 79 | ELECTRIC | | 3-14-1 | |
| 27 Acid, Fr 10 28. Productive First oduced 19/15/2011 ooke tee | Depth Interval 1020 1113 1206 1392 ion - Interval Test Date 10/21/2011 Tbg Press Flwg 255 SI | al TO 109 TO 118 TO 146 TO 146 TO 146 TO 146 Tested 24 Tested Te | 02 gal 20# 30 gal 20# 58 gal 20# 14 gal 20# Test Production 24 Hr | Borate 2 Borate 2 Borate 2 Borate 2 Borate 3 Borate 3 Oil BBL 135 | XL, 267 XL, 228 XL, 251 .0 | 662# 20/40 786# 20/40 178# 20/40 ias 1CF 346 0 | sand sand Water BBL 229.0 | Oil Grav Corr A | vity IPI 37 9 | Gas Gravity 0 Well Sta | 79 Protitus | ELECTRIC | | 3-14-1 | |
| 27 Acid, Fr 17 Acid, Fr 18. Productive First oduced 19/15/2011 oke 19/15/2011 | 1020 1113 1206 1392 100 - Interval Test Date 10/21/2011 Tbg Press Flwg 255 SI tion - Interval | A TO 109 2 TO 118 0 TO 127 8 TO 146 A Hours Tested 24 Csg Press 75 0 | 02 gal 20# 30 gal 20# 58 gal 20# 114 gal 20# Test Production 24 Hr Rate | Borate 2 Borate 2 Borate 2 Borate 2 Oil BBL 135 Oil BBL 135 | XL, 267 XL, 228 XL, 251 G M | 662# 20/40 786# 20/40 178# 20/40 ias ICF 346 0 ias ICF 346 | sand sand water BBL 229.0 Water BBL 229 | Oil Grav Corr A | vity IPI 37 9 2563 | Gas Gravity 0 Well Sta | 79 Protest of the Pro | ELECTRIC TO TO T | | 3-14-1 | |
| 28. Productive First oduced 29/15/2011 pioke 228a Productive First oduced 28a Produced 28a Produ | Depth Interval 1020 1113 1206 1392 ion - Interval Test Date 10/21/2011 Tbg Press Flwg 255 SI | al TO 109 TO 118 TO 146 TO 146 TO 146 TO 146 Tested 24 Tested Te | 02 gal 20# 30 gal 20# 58 gal 20# 14 gal 20# Test Production 24 Hr | Borate 2 Borate 2 Borate 2 Borate 2 Borate 3 Borate 3 Oil BBL Oil BBL BBL | XL, 267 XL, 228 XL, 251 .0 | 662# 20/40 786# 20/40 178# 20/40 ias 1CF 346 0 | sand sand Water BBL 229.0 Water BBL | Oil Grav Corr A | vity API 37 9 2563 | Gas Gravity 0 Well Sta | 79 Protest of the Pro | ELECTRIC | | 3-14-1 | |
| 28. Production at a First roduced 29/15/2011 noke 22 28a Produced 28a | Depth Interval 1020 1113 1206 1392 ion - Interval Test Date 10/21/2011 Tbg Press Flwg 255 SI tion - Interval | A TO 109 2 TO 118 0 TO 127 8 TO 146 A Hours Tested 24 Csg Press 75 0 A Hours Tested Csg Press 75 0 A Hours Tested | 02 gal 20# 30 gal 20# 58 gal 20# 14 gal 20# Test Production 24 Hr Rate Production 24 Hr | Borate 2 Borate 2 Borate 2 Borate 3 Borate 3 Oil BBL 135 Oil BBL 135 Oil BBL Oil BBL Oil BBL | XL, 267 XL, 228 XL, 251 .0 G M | 662# 20/40 786# 20/40 178# 20/40 ias 1CF 346 0 ias 1CF 346 | sand sand water BBL 229.0 Water BBL 229 Water BBL Water BBL Water | Oil Grav Corr Ai Gas Oil Ratio | vity API 37 9 2563 | Gas Gravity 0 Well Sta | 79 Production of the Productio | ELECTRIC TO TO T | PUMP | SUB-SURFACE | |
| 28. Product ate First roduced 09/15/2011 noke ze | Depth Interval 1020 1113 1206 1392 ion - Interval Test Date 10/21/2011 Tbg Press Flwg 255 SI tion - Interval | A TO 109 2 TO 118 0 TO 127 8 TO 146 A Hours Tested 24 Csg Press 75 0 1 B Hours Tested | 102 gal 20# 58 gal 20# 114 gal 20# | Borate 2 Borate 2 Borate 2 Borate 2 Borate 3 Bor | XL, 267 XL, 228 XL, 251 .0 G M | 662# 20/40 786# 20/40 178# 20/40 ias 1CF 346 0 ias 1CF 346 | sand sand water BBL 229.0 Water BBL 229 | Oil Grav Corr Ai Gas Oil Ratio | vity API 37 9 2563 | Gas Gravity O Well Sta | 79 Production of the Productio | ELECTRIC | PUMP | 3-14-1 | |

| 28h Prod | luction - Inter | val C | | | | | ь. | | | | | | |
|---|---|------------------------------|--------------------------------|------------------------------|--------------------------|--------------------------------|-----------------------------------|--------------------------|------------|-------------------------|------------------|-------------------|--|
| Date First | Test | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas | 3 | Production Method | | | |
| Produced | Date | Tested | Production | BBL | MCF | BBL | Corr API | Gra | ivity | ity | | | |
| Choke Size | Tbg Press Flwg SI | Csg Press | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | We | II Status | <u>-</u> | | | |
| 28c Prod | luction - Inter | val D | | <u> </u> | <u> </u> | | | <u> </u> | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr API | Gas Gra | s avity | Production Method | | | |
| Choke Size | Tbg Press Flwg SI | Csg Press | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gás Oil Ratio | We | ell Status | | | | |
| 29 Dispo | sition of Gas | (Sold, used | for fuel, ven | ted, etc) | <u> 1</u> | 1 | 1 | _ | | | | | |
| 30. Sumn | nary of Porou | s Zones (Ir | clude Aquife | rs): | | | | | 31. For | mation (Log) Mar | kers | | |
| tests, | all importan including de ecoveries. | t zones of p pth interval | orosity and c tested, cushi | ontents ther on used, tin | reof Cored and tool open | intervals and , flowing and | all drill-stem I shut-in press | ures | | | | | |
| | Formation | | | Bottom | | Description | ons, Contents, | etc. | | Name | | Top Meas Depth | |
| | DELAWARE BONE SPRING | | | | | | | | | RUSTLER BASE OF SALT | | | |
| | | | | | | | | | | | | | |
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| • | | | | | | | | | | | | | |
| addıt | tional remark ional perfs: 8-14614' - 4 | | olugging proc | edure): | | | | | | | | <u> </u> | |
| Addit | tional frac in | fo [.] | s 20# BORA | TE XL; 25 | 1178 20/40 | 20/40 SAN | ND | | | | | | |
| Pilot | Hole TD 10 | 400'. Pun | np 320 SX (6 | 600' plug) . | KOP @ 9 | 817'. | | | | | | | |
| | e enclosed att | | | | | | | <u></u> | | | , | | |
| | | _ | s (1 full set re | • / | | 2. Geologic | - | | 3. DST Rep | port | 4. Direction | nal Survey | |
| 5 Su | indry Notice | for pluggin | g and cement | verification | 1 | 6 Core Ana | alysis | | 7 Other | | | | |
| 34 I here | by certify that | t the foreg | - | | | - | rrect as detern | | | e records (see attac | ched instruction | ons) | |
| | | | | For CIMA | AREX ENE | RGY COM | PANY OF CO |), sent to t | he Hobbs | | | | |
| Committed to AFMSS for processing by KURT SIM Name (please print) TERRI STATHEM | | | | | | | | Title REGULATORY ANALYST | | | | | |
| Signature (Electronic Submission) | | | | | | | Date | Date 02/01/2012 | | | | | |
| | | | | | | - | | | | | | | |

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 fradulent statements or representations as to any matter within its jurisdiction.

Additional data for transaction #129883 that would not fit on the form

32. Additional remarks, continued

logs mailed via US mail.