Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

RECEIVED

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BUREAU OF LAND MANAGEMENT JUN 24 2013

| | WELL | COMP | LETION (| R REC | OMPLET | ION REF | PORT | AND LOG | . | 77 V & | i | . Lease Ser | | ntract 96 |
|---|------------------------|--------------|-------------------|---------------------|--------------|---|---------------------|---------------------------|------------------------|-----------------------|---------------------------------|--------------------------|--|--|
| la. Type of | f Well | 7 Oil Wel | I ▼ Gas | Well [| Dry | Other | '3 | Tarring! | on Fie | iana00 | m 26 | Ulf Indian, | Allotee or | r Tribe Name |
| a. Type of Well Oil Well Gas Well Dry Other Bureau of Land Managem o. Type of Completion: New Well Work Over Deepen Plug Back Diff.Resvr,. | | | | | | | | Jicarilla Apache | | | | | | |
| • • • | | Oth | | Pay Add | |] = • • • • • • • • • • • • • • • • • • | | I lug Duck | | | 7 | . Unit or C | A Agreen | nent Name and No. |
| Name of | = | | | | | | | | | | 8 | . Lease Nar | ne and W | ell No. |
| ENERGEN RESOURCES CORPORATION 3. Address 3a. Phone No. (include area code) | | | | | | | | | | , _ | Jicarilla 96 2A | | | |
| 2010 Afton Place, Farmington, NM 87401 505-325-6800 | | | | | | | | | | ´ 9 | 9. API Well No. 30-039-21237 | | | |
| Location | of Well (Repo | rt location | n clearly an | l in accord | lance with I | ederal req | uireme | nts)* | | | 10 | | | Exploratory |
| At surface | 990' F | SL, 99 | O' FEL | Sec 02, | T26N, | RO3W (P |) SE, | /SE | | | | Gavila | n Pict | ured Cliffs |
| | | • | | • | • | • | | | | | 11 | Sec., T., I Survey or | | Block and |
| At top prod. interval reported below | | | | | | | | | | | | Sec. 0 | 2-T26N | -R03W N.M.P.M. |
| At total doubt | | | | | | | | | | 12 | . County or | Parish | 13.State | |
| At total depth | | | | | | | | | | io Arril | | NM_ | | |
| Date Spi | udded | 15. Dat | e T.D. Read | hed | | 16. Dat | e Com D & A | - | | | | . Elevation | ns (DF, R | KB, RT, GL)* |
| 6/12/ | 1076 | 6/ | 29/76 | | | L | 6/11 | A | ready | io i iou. | | 7038' (| ⊶ | |
| . Total De | | | | Plug Ba | ck T.D.: N | ИD | | 50' | 20. D | epth Bri | dge Plu | | <u>JU</u> /ID | |
| | TVD | OT/ | ~ ^ | | | CVD | 60: | J J | | | TVD | | | |
| . Type Ek | ectric & Other | Mechanic | al Logs Ru | (Submit c | opy of each | 1) | , | | 22. Wa | ıs well co | ed? | X No | Y | es (Submit analysis) |
| , | | | | | | | | Was DST run | | | X No | | es (Submit report | |
| CHL Directional Sur 3. Casing and Liner Record (Report all strings set in well) | | | | | | | | Survey? | X No | <u> </u> | es (Submit copy) | | | |
| . Casing a | ind Liner Reco | rd (Repor | t all strings | set in well, |) | | - | ı | —- | | | | | |
| ole Size | Size/Grade | Wt.(#ft.) | Top (MI |) Botto | m (MD) | Stage Ceme Depth | enter | No.of Sks. Type of Cer | | Slurry (BBI | | Cement | Top* | Amount Pulled |
| 1/2" | 8-5/8" | 20# | 0 | 33 | 35' | Ī | | 215 | | | | surf | aœ | |
| 7/8" | 4-1/2" | 10.5# | 0 | 61 | 00' | | | 1900 | | | | 2150 | TS | |
| | | | | | | | | | | | | 2160' | CBL | |
| | | | | | | | | | | | | | RCUD | TIM 26 119 |
| | | | | | | | | | | | | | | ONS. DTU. |
| | | | | | | | | | | | | | | 151.3 |
| . Tubing I | Record | | | | | • | | | | | | | | |
| Size | Depth Set (N | 4D) Pa | acker Depth (| MD) | Size | Depth Set | (MD) | Packer Dep | th (MD) | Siz | ze | Depth Se | et (MD) | Packer Depth (MD) |
| -3/8" | 5866' | L_ | | | | | | | | <u> </u> | | | | <u> </u> |
| | ng Intervals | | | | | 26. Perfora | | | | | | | | |
| | Formation | | Тор | Top Bottom | | | Perforated Interval | | | Size | | No. Holes Pe | | Perf. Status |
| Pic | ctured Cli | ffs | | | | 3615'-3634', 3660'- | | | 0.34" | | | 159 | | 3 spf |
| | | | | _ | | 3673', 3716'-3695' | | | | | | | | |
| | | | | \perp | | | | | | | - | | | |
| | | | | L | | | | | | | | | | • |
| | acture, Treatm | ent, Ceme | ent Squeeze | Etc. | | | | | | | | | | |
| | epth Interval | | | | | | | Amount and T | | | | | | |
| | | | | | | <pre>% HCL acid. Frac w/24937 gals of 0 mesh & 105920# of 20/40 PW.</pre> | | | | | o± 70 | Q Delta | 140, | 1000040 sct |
| 36/31, | 3/16/-36 | 95' | of N | , 5000 1 | f of 100 | mesh & | 105 | 920# of 2 | 20/40 | PW. | - | | | |
| | | | | | | · · · · · - | | | | | | _ | | |
| Drodust'- | n Intorval A | | | | | | | | | | | | | |
| roductio | on - Interval A | Hours | Test | Oil | Gos | Water | Oil Gra | avity 7 | - Car | D | odustic | Method | | |
| oduced /24/13 | Date 6/15/13 | Tested | Production | BBL O | Gas MCF | BBL | Corr. A | LDI' | Gas Product Gravity | | oauctioi | i ivictiloù | c٦ | : |
| /24/13 oke | 6/15/13 Tbg. Press. | Csg. | 24 | Oil | 135 Gas | 19 Water | Gas: (|)il 1 | Well Statu | 10 | | | flow | ing |
| e i | Flwg. | Press. | Hr. | BBL | MCF | BBL | Ratio |) i | rren ətatlı | 13 | | | | |
| 24/64" | | 40 | > | 1 | 1 | L | | | | | | | A 700 mm | Congression and when the same of the same of |
| | on-Interval B | Hours | Tact | Oil | Goo | Water | Oil Gra | avity T | Gas | | odustic | Mathad | | PROPERTY NEC |
| ite First oduced | Test Date | Tested | Tested Production | | Gas MCF | Water BBL Oil Gr | | ini' l' | Jas Gravity | Pr | Production Method | | | 11111 A = A-A-A |
| noke | Tbg. Press. | Csg. | 24 | Oil | Gas | Water | Gas: (| Oil I | Well Statu | 15 | | | - | IUN 2 5 2013 |
| ze | Flwg. | Press. | Hr. | BBL | MCF | BBL | Ratio | | ca statt | 43 | | `@ | 10 E 100 | מבים מינים מינים |
| instruction | SI | onal des | | | <u> </u> | | <u> </u> | | | | | | <u>'A</u> | CONFIELD OFFI |
| monuctions a | nd spaces for additi | onai data on | page 2) | | 7 | | | | | | | ۴ | 4.4 | - , |

NMOCD A

| 28b. Product | ion - Inter | val C | | | | | | | | | | | |
|--------------------------|-----------------------------|---------------|---|--|------------------------------|--------------------------|-----------------------------|----------------------|-----------------------------|----------------------------------|--|--|--|
| Date First Produced | Test Date | Hour | Hours Test | | Oil Gas BBL MCF | | Oil Gravity Corr. API | Gas Gravity | Production Method | Method | | | |
| Choke Size | Tbg. Press. Flwg. SI | | . 24 Hr. | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | -! | | | | |
| 28c. Produc | tion-Inter | val D | | | l | | | | | | | | |
| Date First Produced Date | | Hour Test | | Oil BBL | | | Oil Gravity Corr. API | Gas Gravity | Production Method | ., | | | |
| Choke Size | | | . 24 Hr. | Oil Gas Water Gas: Oil BBL MCF BBL Ratio | | | Gas: Oil | Well Status | Well Status | | | | |
| 29. Disposit | tion of Gas | (Sold, used) | for fuel, vented, | etc.) | <u>l.</u> | To be | sold | | | • | | | |
| Show al | l important g depth inte | zones of por | nclude Aquifer osity and contents ushion used, time | s thereof: C | | | | 31. Forma | tion (Log) Markers | | | | |
| Forma | ition | Тор | Bottom | . | Descriptions, Contents, etc. | | | | Name | Тор | | | |
| | | | | | | • | <u> </u> | | | Meas. Depth | | | |
| | | | | | | | | Ojo Ala | | 3123 MD 3123 TVD | | | |
| | | | | | | | | Kirtlan | | 3331 MD 3331 TVD | | | |
| | | | | | | | | ľ | d Cliffs | 3600 MD 3600 TVD | | | |
| | | | | | | | | Lewis S | | 3720 MD 3720 TVD | | | |
| | | | | | | | | Mesa Ve | erde | 5392 MD 5392 TVD | | | |
| | | | | | | | | Mancos | Shale | 5930 MD 5930 TVD | | | |
| 22 Additio | nal raman | rs (include | plugging proces | dura | | | | | | | | | |
| 32. Additio | onal remar | ks (include | plugging proce | dure): | | | | | | | | | |
| | | | e attached by p | | | | | Parart Dirac | vional Survey | | | | |
| | | _ | s (1 full set req' g and cement vo | • | | logic Repo e Analysis | Other | | tional Survey | | | | |
| 34. I hereb | y certify t | nat the fore | going and attac | hed inform | ation is co | mplete and | correct as deter | mined from all avail | able records (see attached | l instructions)* | | | |
| Name (p | olease prir | at) Anna | Stotts | | | | | Title Requla | tory Analyst | | | | |
| Signatur | re Ar | m | Holl | | | | | Date 06/04/ | 13 | | | | |
| Signatui | No De | | | | | | | Date <u>06/24/</u> | 13 | | | | |
| Title 18 U.S | S.C. Section | on 1001 and | l Title 43 U.S. | C. Section | 1212. mal | ke it a crin | ne for any perso | n knowingly and w | rillfully to make to any de | epartment or agency of the Unite | | | |

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)