Form 3160-4 (April 2004)

(See instructions and spaces for additional data on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires March 31, 2007

| | WELL | COMPL | ETION OR | RECO | MPLET | ION REP | ORT | AND LO | 3 | | 5. | Lease Seria | | • |
|------------------------|--------------------------|--|--------------------|------------|--------------------------|---------------------|------------------|--|----------------|---|---------------|-----------------------------|-----------------|---------------------|
| la Type | of Well | Oil Well | X Gas We | 1 T | Ory | Other | | | | | 6 | If Indian, A | llotee o | or Tribe Name |
| b. Type o | of Completion | | New Well |] Work | Over _ | Deepen | 2 | Plug Back | 3 □j.jp | iff_Resy | r6 7. | Unit or CA | Agreer | ment Name and No. |
| 2. Name o | of Operator | | | | | | | ارد در نیاد در از | IVEU | | | Lease Nam | e and W | Vell No |
| Energen | n Resources | Corpo | ration | | | | | ا ا | | | | Carraca | | |
| 3. Address | S | | | | | | 3a.] | Phone No. (| include | area co | <i>je)</i> 9. | API Well N | | 1 110 |
| | loomfield 1 | | | | | | 1 | | 325.68 | 00 | | 30-039- | 29932 | 2-0151 |
| 1 Locatio | n of Well (Repo | ort location | ı clearly and ir | accordai | nce with F | ederal requ | uireme | nts)* | | | 10 | | | Exploratory |
| At surfa | ^{ce} 960 ' | FNL, | 725' FEL | NE | /NE (| A) | | | | | | | | land Coal |
| | | - | | | | | | | | | 11 | Sec., T., R. Survey or A | | r Block and |
| At top pr | rod. interval rep | orted belo | w Sec. 13 | - Tat. | #1 12 | 62'N ,7 | 40 'E | #2 1 | 341 'N | 764 | ישי | | | rosw nmpm |
| | | | 500.25 | | | .02 2. 7. | | | J-1- 1 | , | 12 | .County or l | | 13 State |
| At total | ^{depth} #1 1 | .516'N, | 1866'W #2 | 2002 | N,1338 | W | | | | | Ri | io Arrib | а | NM |
| 14. Date S | | | e T.D. Reached | | | 16. Date | e Com | pleted | | | 17 | | | RKB, RT, GL)* |
| | | | | | | |) & A | · 🗓 | Ready | to Proc | i. | | | |
| 04 | /10/07 | 06 | 6/18/07 | | | | 06/ | 26/07 | • | | | 7381' | ŒL | |
| 18. Total I | Depth MD 5 | 923, 5 | 688 19. | Plug Back | T.D.: N | ^{AD} 592 | 3, 5 | | 20, 1 | Depth B | ridge Plu | g Set: M | D | |
| | | 01 0, 39 | | | 4007 | 77.77 | o, 3 | | | | | TV. | /D | |
| 21 Type F | Electric & Other | | | ubmit co | py of each | | | | 22. Wa | s well co | red? | No [| Yes (S | Submit analysis) |
| | | | | | | | | | Wa | ıs DST n | _ | No [| Yes (S | Submit report |
| None | | | | | | | | | Dı | rectional | | No | | es (Submit copy) |
| 23 Casing | and Liner Reco | ord (Repor | t all strings se | in well) | | | | | | | | | , | |
| Hole Size | Sıze/Grade | Wt.(#ft.) | Top (MD) | Bottom | (MD) | Stage Ceme Depth | nter | No.of Sk Type of C | | | y Vol. BL) | Cement T | op* | Amount Pulled |
| 12.25" | 9.625" | 32.3# | 1 | 240 |)' | | | 150 s | ks | | | | | 177 cu.ftcirc |
| 8.75" | 7.0" | 23# | | 476 | 8' | | | 815 s | sks | | | | | 1353 cu.ftcirc |
| 6.25" | 4.5" | 11.6# | 48481 | 592 | 3' | | | non | е | | , | | | |
| 6.25" | 4.50" | 11.6# | 45221 | 565 | 4' | | | non | | | | | | |
| | | | | 1 33 | - 1 | | | | | | | | | |
| | | | + | 1 | | | | | | | | | | |
| 24. Tubin | g Record | | | 1 | | | | l | | L | | | | <u> </u> |
| | <u> </u> | \(\sigma\) - | | | | D 4 0 . | () (D) | 15.5 | 4.00 | <u>. </u> | <u>a: T</u> | D .1.0. | () (D) | T p 1 p 10(p) |
| Size - | Depth Set (| | acker Depth (MI |)) S | ize | Depth Set | (MD) | Packer D | epth (MD | " | Size | Depth Set | (MD) | Packer Depth (MD) |
| 2.375" | 4598 cing Intervals | | | 1 | | 26 Danfan | ation E | | | | | | | <u> </u> |
| 25. Flouu | | | | T | | 26. Perfora | | | <u> </u> | | | | T | |
| | Formation | | Тор | Bot | | - | | Interval | _ | Size | - | No. Holes | - | Perf. Status |
| A) Fruitland Coal | | 3981' | 4010' | | 4566' - 5877' M | | | 0.50 | | | 12,174 | | 6 jspf | |
| B) | | | TVD | T | <i>7</i> D | | | | | | | | <u> </u> | Open hole |
| C) | | | | | | | | | | | | | | |
| D) | | | | | | | | | | , | | | | |
| 27. Acid, | Fracture, Treati | ment, Cem | ent Squeeze, E | tc. | | | | | | , | | | • | |
| | Depth Interval | | | | | | | Amount and | l Type of | Material | | | | |
| | | | none | | | | | | | | | | Dri | n iii taa? |
| | | | | | | | | | | | | | | CONS. DIV. |
| | | | | | | , | | · · · · · · · · · · · · · · · · · · · | | | | | "South of the E | DIST. 3 |
| | | | | | | | | | | | | | | <u> </u> |
| 20 Droduo | ction - Interval A | | | | | | | | | | | | | |
| | | | T | 0.1 | | I m | Lai | | 0 | Т | D 1 .: |) f .1 1 | | |
| Date First Produced | Test Date 06/26/07 | Hours Tested 3 | Test Production | Oil BBL | Gas MCF 500 | Water BBL | Oıl Grav | uty | Gas Gravity | | Production | n Metnod | flo | wing |
| Choke Size | Tbg Press Flwg | Csg Press | 24 Hr | Oıl BBL | Gas MCF | Water BBL | Gas: Ratio | | Well St | atus | / | | | |
| 20 5 : | | - | l | | <u> </u> | | Ц | | | | | | | |
| | iction-Interval E | | т | 0.1 | I c | T 337 | Lor | | 6 | T | D 1 . | 16.1.1 | _ | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oıl BBL | Gas MCF | Water BBL | Oil Grav | rity | Gas Gravity | | Productio | n Method | 4 | ACCEPTED FOR RECORD |
| Choke Size | Tbg Press Flwg | Csg Press | 24 Hr. | Oil BBL | Gas MCF | Water BBL | Gas ¹ | | Well St | atus | | | 1000 | JUL 0 9 2017 |

| b. Product | ion - Interv | val C | | | | | , • | | | |
|---------------------|--|-----------------|---------------------------------|-----------------------|------------------------------|----------------------|--------------------------------------|--------------------|---------------------------------|---------------|
| ate First | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity | Gas Gravity | Production Method | |
| | <u> </u> | | | <u> </u> | | | | | | ···· |
| ioke ze | Tbg Pres Flwg SI | Csg Press | 24 Hr | Oil BBL | Gas MCF | Water BBL | Gas [.] Oil Ratio | Well Status | | |
| c. Produc | tion-Interv | al D | 1 | | | _1 | | | | |
| ate First oduced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity | Gas Gravity | Production Method | , |
| hoke | Tbg Pres | | 24 | Oil | Gas | Water | Gas: Oil | Well Status | | |
| ze | Flwg SI | Press. | Hr | BBL | MCF | BBL | Ratio | | | |
| . Disposit | tion of Gas (| Sold, used for | fuel, vented, e | etc.) | | to be | sold | | | (|
|). Summa | ary of Poro | us Zones (Inc | lude Aquifers) |): | ···· | | | 31. Form | ation (Log) Markers | |
| tests, | all importa including ores and reco | depth interva | orosity and c I tested, cusl | ontents t hion use | hereof: Co d, time to | ored intervool open, | als and all drill- flowing and sh | stem ut-in | | |
| Forma | ntion | Тор | Bottom | | Descriptions, Contents, etc. | | | | Name | Тор |
| Formation | | 10р | Bottom | | Descriptions, Contents, etc. | | | | Name | Meas.Depth |
| | | | | | | | | | ento | |
| | | | | - | | | | Ojo Ala | _ | 3344' TVD |
| | | | | | | | | | nd Shale | 3484' TVD |
| | | | | | | | | Fruitl | | 3894' TVD |
| | | | , | | | | | Fruitl | and Coal | |
| | | | | ľ | | | | 1 | and Coal Base | |
| ſ | | | | | | | | Pictur | ed Cliffs | |
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| 2. Addıtı | onal remarl | ks (ınclude plu | gging proced | ure): | | | - | | | · |
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| | | ems have bee | - • | - | _ | | | | | |
| = | | hanical Logs (| - | - | = | ologic Repo | <u> </u> | Report Dire | ectional Survey | |
| Sunc | dry Notice | for plugging a | ind cement ve | rification | L Con | re Analysis | Other | | | |
| 4. I heret | by certify th | hat the forego | ing and attach | ed inforn | nation is co | mplete and | correct as deter | mined from all ava | ailable records (see attached i | nstructions)* |
| | , , | J | U | | | | | | (| ···, |
| Name (| please prin | t) <u>Vicki</u> | Donaghey | · | | | | Title <u>Requi</u> | atory Analyst | |
| | . (. | 🔪 | | | | | • | | | |
| | | 11.11 | DNOG, | MIL | <u> </u> | | | Date07/ | 03/07 | |
| Signatu | re <u>V(C</u> | <u> </u> | | | | | | | | |
| Signatu | ore <u>V/C</u> | <u> </u> | (| \mathcal{O} | 0 | | | | | |