'Form 3160-4 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| FORM APPROVED              |
|----------------------------|
| OMB NO. 1004-0137          |
| Expires: November 30, 2000 |

|   | WELL                         | . COMP                | LETION (                              | OR RECO                      | OMPLE      | TION REF            | PORT            | AND LO               | G .   |                                      | ٦               | licar.                   |                   | ontract 67                   |
|---|------------------------------|-----------------------|---------------------------------------|------------------------------|------------|---------------------|-----------------|----------------------|---|--------------------------------------|-----------------|--------------------------|-------------------|------------------------------|
| la. Type of Well Oil Well Y Gas Well Dry Other  |                              |                       |                                       |                              |            |                     |                 | - 6                  | Jicarilla Contract 67 6. If Indian, Alloice or Tribe Name |                                      |                 |                          |                   |                              |
|   |                              |                       |                                       |                              |            |                     |                 |                      | - 1   | Jicarilla Apache                     |                 |                          |                   |                              |
| b. Type of Completion: New Well Work Over Deepen Plug Back Diff: Resvr,. Other Recompletion |                              |                       |                                       |                              |            |                     |                 |                      | 7   | 7. Unit or CA Agreement Name and No. |                 |                          |                   |                              |
| 2. Name o   | of Operator                  |                       | · · · · · · · · · · · · · · · · · · · |                              |            |                     |                 |                      |   |                                      |                 | Lease Na                 | me and W          | /ell No.                     |
| Energen Resources Corporation  3. Address [3a. Phone No. (include area code)]               |                              |                       |                                       |                              |            |                     |                 |                      |   | 3-5                                  | Jicarilla 67 15 |                          |                   |                              |
| 3. Addres   |                              | ر ماران در            | . Eanmi                               | naton A                      | IM 0740    | 11                  | 3a.             |                      | `   |                                      | ae)             | . API Wel                |                   |                              |
| Locatio   | loomfield<br>on of Well (Rep | ort locatio           | n clearly an                          | d in accorda                 | nce with I | Federal regu        | iremen          |                      | <u>325-680</u>  | UU                                   |                 |                          | <u>30 - 039 -</u> |                              |
| At surfa  | · -                          |                       | 1520' FE                              |                              |            | •                   |                 | · .                  | 666   | 783                                  | _               |                          |                   | Exploratory  Pictured Cliffs |
|   | 1500                         | 1111,                 | 1520 11                               |                              |            |                     |                 |                      | χο <b>,</b> .   | , 0 5                                |                 | .Sec., T.,               | R., M., or        | Block and                    |
| / At top p  | rod. interval rep            | orted belo            | ow                                    |                              |            |                     |                 |                      | D:  | <b>~</b> 0                           | 1               | Sec.30                   | , T25N,           | R05W - N.M.P.M.              |
| 1 . W?  |                              |                       |                                       |                              |            |                     |                 |                      |   | )(i)                                 | 12              | County o                 |                   | 13. State                    |
| At total  | -                            |                       |                                       |                              |            |                     | Mr. Si.         |                      |   |                                      |                 | io Arri                  |                   | <u> </u>                     |
| 14. Date S  | pudded                       | 15. Da                | te T.D. Rea                           | ched                         |            | 16. Da              | te Com<br>D & A | pleted               | Ready   | to Pro                               | 13              | 7. Elevation             | ons (DF, F        | RKB, RT, GL)*                |
| 06/0  | 0/70                         |                       | 06/19/79                              | 2                            |            |                     |                 | 20/03                | () Keady  | io £10                               | " [             | ع<br>ا                   | 23 ' 61           |                              |
|   | Depth: MD                    |                       |                                       |                              | ck T.D.:   | MD.                 |                 |                      | > 20 D  | enth F                               | Bridge Plu      | 6523' GL<br>Blug Set: MD |                   |                              |
|   | TVD                          | , 0                   | ~ <u>`</u>   '                        | 19. Plug Back T.D.: MD 7067' |            |                     |                 |                      | \[\]  |                                      |                 |                          | ΓVD               |                              |
| 21. Type I  | Electric & Other             | r Mechani             | cal Logs Ru                           | n (Submit c                  | opy of eac | ch)                 |                 |                      | 22. Was   | well c                               | ored?           | No                       | Yes (S            | Submit analysis)             |
| OD! 125   | ODI 00:                      |                       |                                       |                              |            |                     |                 |                      |   | DST r                                | սո 🛚 🖸          | No_                      | <u> </u>          | submit report                |
|   | CBL CCL<br>and Liner Rec     | ord /Dam-             | rt all atrinc                         | cat in                       |            |                     |                 |                      | Dire  | ectional                             | Survey?         | χNο                      |                   | es (Submit copy)             |
| ·····   | <del></del>                  |                       | T                                     |                              |            | Store Com           | enter           | 3760                 | lea de T  | 01                                   | m, W-1          | i                        |                   |                              |
| Hole Size   | Size/Grade                   | Wt.(#ft.)             |                                       |                              | n (MD)     | Stage Ceme<br>Depth | спіег           | No.of S<br>Type of ( | Cement  | Slur<br>(E                           | ry Vol.<br>BBL) | Cement                   | Top*              | Amount Pulled                |
| 3-3/4"  | 9-5/8"                       | 32.3#                 |                                       |                              | 9'         |                     |                 |                      | cu.ft.  |                                      |                 |                          |                   |                              |
| 7/8" &  | 4-1/2"                       | 10.5                  |                                       | 708                          | 31'        |                     |                 | 1349 c               | u.ft.   | <u>t.</u>                            |                 |                          |                   |                              |
| 3-3/4"  | 4-1/2"                       | 11.6                  |                                       |                              |            |                     |                 |                      |   |                                      |                 |                          |                   |                              |
|   |                              |                       |                                       |                              |            |                     |                 |                      |   |                                      |                 |                          |                   |                              |
|   |                              |                       |                                       |                              |            |                     |                 |                      |   |                                      |                 | <u> </u>                 |                   |                              |
| 24. Tubing  | r Pasard                     |                       |                                       |                              |            |                     |                 |                      |   |                                      |                 |                          |                   |                              |
|   |                              | \m\   -               |                                       |                              | a: 1       |                     |                 | T = :                | 1   | -                                    |                 |                          |                   |                              |
| Size 2-3/8"   | Depth Set (                  |                       | acker Depth                           | (MD)                         | Size       | Depth Set           | (MD)            | Packer D             | epth (MD)   | +                                    | Size            | Depth S                  | et (MD)           | Packer Depth (MD)            |
|   | cing Intervals               |                       |                                       |                              |            | 26. Perfor          | ation R         | Record               |   |                                      | ·               |                          |                   | <u> </u>                     |
|   | Formation                    |                       | Top Bottom                            |                              |            | Perforated Interval |                 |                      |   | Size No. Holes Perf. S               |                 |                          | Perf. Status      |                              |
| A) P  | ictured Cl                   | iffs                  | 2524                                  |                              |            |                     |                 |                      |   | 0.34                                 |                 |                          |                   | 1 JSPF                       |
| 3)  |                              |                       |                                       |                              |            |                     |                 |                      |   |                                      |                 |                          |                   |                              |
| C)  | ,                            |                       |                                       |                              |            |                     |                 |                      |   |                                      |                 |                          | منوا<br>در        | ψ                            |
| D)  |                              |                       |                                       |                              |            |                     |                 |                      | '   |                                      |                 |                          | Ţ                 |                              |
| 27. Acid, 1   | Fracture, Treati             | ment, Cem             | ent Squeeze                           | e, Etc.                      |            |                     |                 |                      |   |                                      |                 |                          | •                 | 四心四旦                         |
|   | Depth Interval               |                       |                                       |                              |            |                     |                 | Amount an            |   |                                      |                 |                          |                   | <u> </u>                     |
| 252   | <u> 2542 - 2542 </u>         | ·                     | 63,1                                  | 5 <b>0</b> gals.             | 70Q f      | oam slic            | kwat            | er & 60              | 180# 2  | 20/40                                | sand            |                          |                   |                              |
|   |                              |                       |                                       |                              |            |                     |                 |                      | ·   |                                      |                 | ·····                    |                   | 8 6                          |
|   |                              |                       |                                       |                              |            |                     |                 |                      |   |                                      |                 |                          |                   | 1 <sup>11</sup> N            |
|   |                              |                       |                                       |                              |            |                     |                 |                      |   |                                      |                 |                          |                   | <u> </u>                     |
| <del></del>   | tion - Interval A            |                       |                                       |                              |            |                     | ,               |                      |   |                                      |                 |                          |                   |                              |
| Date First<br>Produced  | Test<br>Date<br>03/25/03     | Hours<br>Tested<br>OV | Test<br>Production                    | Oil<br>BBL                   | Gas<br>MCF | Water<br>BBL        | Oil<br>Gravi    | ity                  | Gas<br>Gravity  |                                      | Production      | n Method                 |                   |                              |
| Choke   | 03/25/03<br>Tbg. Press.      | Csg.                  | 24                                    | Oil                          | Gen        | W7-4c ::            |                 |                      |   |                                      |                 |                          | flow              |                              |
| Size  | Flwg.                        | Press.                | Hr.                                   | ► BBL<br>Pitot               | Gas<br>MCF | Water<br>BBL        | Gas: 0<br>Ratio |                      | Well<br>Status  |                                      |                 | AC                       | CEPTI             | ED FOR RECORD                |
| 28a. Produc   | ction-Interval B             |                       |                                       | 171101                       | 434        |                     | <u> </u>        |                      | i   |                                      |                 |                          |                   |                              |
| Date First  | Test                         | Hours                 | Test                                  | Oil                          | Gas        | Water               | Oil             |                      | Gas   |                                      | Production      | n Method                 | AP                | R 2 6 2003                   |
| Produced  | Date                         | Tested                | Production                            |                              | MCF        | BBL                 | Gravi           | ity                  | Gravity   |                                      |                 |                          | <i>5</i> 760      | 20 200                       |
| Choke<br>Size   | Tbg. Press.<br>Flwg.         | Csg.                  | 24<br>Hr                              | Oil                          | Gas        | Water               | Gas:            |                      | Well  |                                      |                 |                          | 1c1 P             | rian W. Davis                |
|   | SI                           | Press.                | Hr.                                   | BBL                          | MCF        | BBL                 | Ratio           | ı                    | Status  |                                      |                 |                          | /\$/ B            | IIGII AA' Muaia              |
| (See instruction  | s and spaces for add         | litional data e       | on reverse side)                      |                              |            | <del>'</del>        | 4               |                      |   |                                      |                 |                          |                   | <del></del>                  |

| Date First<br>Produced          | Test<br>Date                                 | Hours<br>Tested  | Test<br>Production             | Oil<br>BBL               | Gas<br>MCF                 | Water<br>BBL               | Oil<br>Gravity                             | Gas<br>Gravity        | Production Method             |              |  |  |  |
|---------------------------------|--|------------------|--------------------------------|--------------------------|----------------------------|----------------------------|--|-----------------------|-------------------------------|--------------|--|--|--|
| Choke<br>Size                   | Tbg. Press.<br>Flwg.<br>SI                   | . Csg.<br>Press. | 24<br>Hr.                      | Oil<br>BBL               | Gas<br>MCF                 | Water<br>BBL               | Gas: Oil<br>Ratio                          | Well<br>Status        |                               |              |  |  |  |
| 28c. Product                    | tion-Interva                                 | 1D               |                                |                          |                            |                            |  | <del>1</del>          |                               |              |  |  |  |
| Date First<br>Produced          | Test<br>Date                                 | Hours<br>Tested  | Test<br>Production             | Oil<br>BBL               | Gas<br>MCF                 | Water<br>BBL               | Oil<br>Gravity                             | Gas<br>Gravity        | Production Method             |              |  |  |  |
| Choke Tbg. Press. Size Flwg. SI |  | . Csg.<br>Press. | 24<br>Hr.                      | Oil<br>BBL               |                            |                            |  | Well<br>Status        |                               |              |  |  |  |
| 9. Dispositi                    | ion of Gas (S                                | old,used for     | fuel, vented, et               | ic.)                     | <del></del>                | To be s                    | sold                                       |                       |                               |              |  |  |  |
|                                 |  |                  |                                |                          |                            |                            |  |                       | 31. Formation (Log) Markers   |              |  |  |  |
| tests, ir                       | all important<br>ncluding de<br>es and recov | epth interval    | orosity and co<br>tested, cush | ontents the<br>ion used, | reof: Cor<br>time too      | ed interval<br>l open, fle | ls and all drill-stem<br>owing and shut-in |                       |                               |              |  |  |  |
| Format                          | tion   | Тор              | Bottom                         |                          | Descri                     | ptions, Con                | ntents etc                                 |                       | Name                          |              |  |  |  |
| Tomaton                         |  | F                |                                | <u> </u>                 | 2 storphole, contone, etc. |                            |  |                       |                               | Meas.Depth   |  |  |  |
|                                 |  |                  |                                |                          |                            |                            |  | Ojo Alamo<br>Kirtland | P                             | 2106         |  |  |  |
|                                 | }  |                  |                                |                          |                            |                            |  |                       | ,                             | 2231         |  |  |  |
|                                 |  |                  |                                |                          |                            |                            |  | Fruitland             |                               | 2504         |  |  |  |
|                                 |  |                  |                                |                          |                            |                            | Pictured                                   | Cliffs                | 2626                          |              |  |  |  |
|                                 |  |                  |                                |                          |                            |                            |  | Lewis                 |                               | 2697         |  |  |  |
|                                 |  |                  |                                |                          |                            |                            | Chacra                                     |                       | 3460                          |              |  |  |  |
|                                 |  |                  |                                |                          |                            |                            |  | Cliff Ho              | ıse                           | 4180         |  |  |  |
|                                 |  |                  |                                |                          |                            |                            |  | Menefee               |                               | 4212         |  |  |  |
|                                 |  |                  |                                |                          |                            |                            |  |                       | okout                         | 4843         |  |  |  |
|                                 |  |                  |                                |                          |                            |                            |  | Mancos<br>Gallup      |                               | 4995<br>5930 |  |  |  |
|                                 |  |                  |                                |                          |                            |                            |  | Dakota                |                               | 6964         |  |  |  |
|                                 | į  |                  | :                              | :<br>:                   |                            |                            |  | Burocu                |                               | 0304         |  |  |  |
| 2. Addition                     | nal remarks                                  | (include plu     | gging procedu                  | re):                     |                            |                            |  |                       |                               |              |  |  |  |
|                                 |  |                  |                                |                          |                            |                            |  |                       |                               |              |  |  |  |
|                                 |  |                  |                                |                          |                            |                            |  |                       |                               |              |  |  |  |
| 3. Circle e                     | nclosed atta                                 | achments:        |                                |                          |                            |                            |  |                       |                               |              |  |  |  |
| 1. Electr                       | rical/Mechai                                 | nical Logs (1    | full set req'd)                | 2.                       | Geologic I                 | Report                     | 3. DST Report                              | 4. Directional S      | Survey                        |              |  |  |  |
| 5. Sundr                        | ry Notice fo                                 | r plugging a     | nd cement veri                 |                          | 6. Core Ar                 |                            | 7. Other                                   |                       | •                             |              |  |  |  |
| 4. I hereby                     | y certify that                               | t the foregoin   | ng and attached                | 1 informat               | ion is com                 | plete and co               | orrect as determined                       | from all availab      | le records (see attached inst | ructions)*   |  |  |  |
| Name (pl                        | lease print)                                 | Vicki            | Donaghey                       |                          |                            |                            | Title                                      | <u>Producti</u>       | on Assistant                  |              |  |  |  |
| Signature                       | ·  | exi              | Don                            | ng                       | n                          |                            | Date                                       | 04/18/03              |                               |              |  |  |  |
|                                 |  |                  | _                              |                          |                            |                            | i  |                       |                               |              |  |  |  |
|                                 |  |                  |                                |                          |                            |                            |  |                       |                               |              |  |  |  |

28b. Production - Interval C