Form 3160-4

## UNITED STATES

FORM APPROVED

| (/                                   | August 1999)                        |                            |                      | DEPART<br>BUREAU            |                  |                    |                      |                    |             | 200                         | N 21 22                | 232            | 100                               |                           |                     |                | 004-0137<br>lber 30, 2000                                   |
|--------------------------------------|-------------------------------------|----------------------------|----------------------|-----------------------------|------------------|--------------------|----------------------|--------------------|-------------|-----------------------------|------------------------|----------------|-----------------------------------|---------------------------|---------------------|----------------|-------------------------------------------------------------|
|                                      | *                                   | WELL C                     | OMPL                 | ETION O                     |                  |                    |                      |                    |             | TANE                        | LOG                    |                |                                   |                           | ase Serial MSF 0794 |                | <u> </u>                                                    |
| =                                    | la. Type of                         | Well $\square$             | Oil Well             | ☑ Gas V                     | Vell             | ☐ Dry              |                      | Other              | - F.        | F                           | JUN                    | 2004           | <u>्</u>                          | Δ                         |                     |                | Tribe Name                                                  |
|                                      |                                     | Completion                 |                      | •                           |                  | rk Over            | _                    | Deepen             | Ø.P         | lug'Back                    |                        | Diff. Re       | svr.                              | <u>2</u>                  |                     |                |                                                             |
|                                      |                                     |                            | Other                | T                           |                  |                    |                      |                    | 15          | - t <sub>e-a</sub>          |                        | i Di           | g c                               | 5×                        | MNM 784             | igreeme<br>18B | ent Name and No.                                            |
|                                      | <ol><li>Name of<br/>ENERG</li></ol> | Operator<br>EN RESOL       | RCES C               | ORPORAT                     | ION              | Co                 |                      | VICKI D<br>E-Mail: |             | #EY                         |                        | Ű              | 7                                 |                           | ase Name<br>AN JUAN |                |                                                             |
|                                      | 3. Address                          | 2198 BLO<br>FARMING        |                      |                             | Y                |                    |                      | 3a<br>Ph           | . Phone     | No (incl<br>325:6800        | lude area<br>) Ext: 23 | code)          |                                   | 9. A                      | PI Well No          | ).             | 30-039-27090                                                |
| -                                    | 4. Location                         | of Well (Rep<br>Sec 31     | ort location         | on clearly an<br>04W Mer NI | d in acc         | ordance            | with F               |                    |             |                             | acat                   | ساتم           |                                   |                           | ield and Po         |                | Exploratory ERDE                                            |
|                                      | At surfac                           | ce SESE                    | 660FSL 6             | 660FEL                      |                  |                    |                      |                    |             |                             |                        |                |                                   | 11. 8                     | Sec., T., R.,       | M., or         | Block and Survey<br>30N R04W Mer NM                         |
|                                      | At top pi                           | rod interval r             | eported be           | low                         |                  |                    |                      | •                  |             |                             |                        |                |                                   |                           | County or P         |                | 13. State                                                   |
| _                                    | At total o                          |                            |                      | 16 D                        | +- T.D.          | D1                 | 1                    | _                  | Lic B       | -4- C                       | .1                     |                |                                   |                           | IO ARRIE            |                | NM<br>D DT CL)*                                             |
|                                      | 14. Date Sp<br>05/06/20             |                            |                      |                             | 119/200          | Reached<br>14      |                      |                    |             | ate Comp<br>& A<br>5/18/200 | <b>⊠</b> Read          | ly to Pr       | od.                               | 17. 1                     | 76                  | 67 GL          | 3, RT, GL)*                                                 |
| _                                    | 18. Total De                        | epth:                      | MD<br>TVD            | 7319                        |                  | 19. Plu            | g Bacl               | k T.D.:            | MD<br>TVI   |                             | 7275                   |                | 20. Dep                           | th Bri                    | dge Plug S          |                | MD<br>TVD                                                   |
| -                                    | 21. Type El<br>GR/TEM               | ectric & Oth<br>MP/HRI;GR  | er Mechar<br>SPEC DI | nical Logs Ru<br>EN/DUAL S  | un (Sub<br>PACE  | mit copy<br>D NEUT | of eac               | ch)                |             |                             | 22.                    | Was I          | vell core<br>OST run?<br>ional Su |                           | ⊠ No<br>⊠ No        | ☐ Yes          | (Submit analysis)<br>(Submit analysis)<br>(Submit analysis) |
| 2                                    | 3. Casing an                        | d Liner Reco               | ord (Repo            | rt all strings              | set in v         | vell)              |                      |                    |             |                             | l                      | Direct         | ionai ou                          | ivoy:                     | <b>M</b> 110        | <u> </u>       | (Buomit anarysis)                                           |
| _                                    | Hole Size                           | Size/G                     | rade                 | Wt. (#/ft.)                 |                  | Top Bottom         |                      |                    | e Cemen     |                             |                        |                |                                   | lurry Vol.<br>(BBL) Cemen |                     | Top*           | Amount Pulled                                               |
| 12.250                               |                                     | 9.625 H-40                 |                      | 36.0                        | (MI              | b)                 | (MD)<br>2            | 246                | Depth       |                             | Type of Cement (1      |                | (BE                               | BL)                       |                     |                |                                                             |
| <u>ر</u>                             | 8.375                               |                            | 00 J-55              | 23.0                        | į                |                    |                      | 50                 |             |                             |                        | 750            | $\mathcal{B}$                     |                           |                     |                |                                                             |
| 4                                    | 6.125                               | 4.5                        | 00 J-55              | 10.5                        | ′ '              | 4795               | 73                   | 19                 |             |                             |                        | 325            |                                   |                           |                     |                |                                                             |
| _                                    |                                     |                            |                      |                             |                  |                    |                      | _                  |             |                             |                        |                |                                   |                           |                     |                |                                                             |
| -                                    |                                     |                            |                      |                             |                  |                    |                      | _                  |             |                             |                        |                |                                   |                           |                     |                |                                                             |
| -                                    | 24. Tubing                          | Record                     |                      |                             |                  |                    |                      |                    |             |                             |                        | • • •          |                                   |                           | <u> </u>            |                |                                                             |
| _                                    |                                     | Depth Set (M               |                      | cker Depth                  | (MD)             | Size               | D                    | epth Set           | (MD)        | Packer                      | Depth (1               | MD)            | Size                              | De                        | pth Set (M          | (D)            | Packer Depth (MD)                                           |
| -                                    | 2.375<br>25. Producir               |                            | 5912                 |                             |                  |                    | Ч-                   | 26. Perfo          | ration R    | ecord                       |                        | İ              |                                   | Ц                         |                     | L              |                                                             |
| -                                    |                                     | rmation                    | — т                  | Тор                         | Т                | Botto              | _                    |                    |             | ed Interv                   |                        |                | Size                              | Т,                        | No. Holes           | T              | Perf. Status                                                |
| -                                    | A)                                  | MESAVE                     | RDE                  |                             | 6491             |                    | 932                  |                    | 1 CITOIAL   |                             | 8 TO 69                | 332            |                                   | 40                        |                     | 1 JSI          |                                                             |
| _                                    | В)                                  |                            |                      |                             | 1                |                    | -                    |                    |             |                             | 1 TO 66                |                |                                   | 40                        |                     | 1 JSI          |                                                             |
| _                                    | C)                                  | ·                          |                      |                             |                  |                    |                      |                    |             |                             |                        |                |                                   |                           |                     |                |                                                             |
| _                                    | D)                                  |                            |                      |                             |                  |                    |                      |                    |             |                             |                        |                |                                   |                           |                     |                |                                                             |
| _                                    | 27. Acid, Fr                        | acture, Treat              | ment, Cen            | nent Squeeze                | , Etc.           |                    |                      |                    |             |                             |                        |                |                                   |                           |                     |                |                                                             |
| -                                    |                                     | Depth Interva              |                      |                             |                  |                    |                      |                    |             |                             | and Typ                | e of M         | aterial                           |                           |                     |                |                                                             |
| -                                    |                                     |                            |                      | 32 145,412                  |                  |                    |                      |                    |             |                             |                        |                |                                   |                           |                     |                |                                                             |
| -                                    |                                     | 64                         | 91 10 66             | 872 89,838                  | JALS 6           | UQ SLICI           | WATE                 | ER FOAM            | & 90,00     | U# 20/40                    | SAND                   |                |                                   |                           |                     |                |                                                             |
| -                                    |                                     |                            |                      |                             |                  |                    |                      |                    | -           |                             |                        |                |                                   |                           |                     |                |                                                             |
| _                                    |                                     | ion - Interval             |                      |                             |                  |                    |                      |                    |             |                             |                        |                |                                   |                           |                     |                |                                                             |
| Date First<br>Produced<br>06/18/2004 |                                     | Test<br>Date<br>06/21/2004 |                      |                             | Test Oil BBL 0.0 |                    | Gas<br>MCF<br>1200.0 |                    |             |                             | ravity Gas<br>API Gra  |                | wity                              |                           | WS FROM WELL        |                |                                                             |
|                                      | Choke                               | Tbg. Press. Csg.           |                      | 24 Hr.                      | 24 Hr. Oil       |                    | Gas<br>MCF           |                    | Water Gas:C |                             | Dil Well State         |                | atus                              | L                         | 120                 | ****           | JIVI WELL                                                   |
| 2                                    | Size                                | Flwg. 0<br>SI 478          | Press.<br>675.0      | Rate                        | BBL              |                    | F<br>1200            | BBL                |             |                             |                        | GSI            |                                   |                           |                     |                |                                                             |
| •                                    | 28a. Produc                         | tion - Interva             | 1 B                  |                             |                  |                    |                      |                    |             |                             |                        | •              |                                   | _                         | ,                   |                |                                                             |
|                                      | Date First<br>Produced              | Test<br>Date               | Hours<br>Tested      | Test<br>Production          | Oil<br>BBL       | Gas<br>MC          |                      | Water<br>BBL       |             | il Gravity<br>orr. API      |                        | Gas<br>Gravity | ,                                 | Product                   | ion Method          |                |                                                             |
|                                      | Choke                               | Tbg. Press.<br>Flwg.       | Csg.<br>Press.       | 24 Hr.<br>Rate              | Oil<br>BBL       | Gas<br>MC          |                      | Water<br>BBL       |             | as:Oil<br>atio              |                        | Well St        | atus                              |                           |                     |                |                                                             |

SI

| 8b Produ                  | uction - Inter                    | val C                     |                         |                               |            |                                    |                                             |                |                                                                                                                          |                                                                                      |  |  |  |  |
|---------------------------|-----------------------------------|---------------------------|-------------------------|-------------------------------|------------|------------------------------------|---------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|--|--|--|
| te First<br>oduced        | Test<br>Date                      | Hours<br>Tested           | Test<br>Production      | Oil<br>BBL                    | Gas<br>MCF | Water<br>BBL                       | Oil Gravity<br>Corr. API                    | Gas<br>Gravity | Production Method                                                                                                        |                                                                                      |  |  |  |  |
| oke<br>ze                 | Tbg. Press.<br>Flwg.              | Csg.<br>Press.            | 24 Hr.<br>Rate          | Oil<br>BBL                    | Gas<br>MCF | Water<br>BBL                       | Gas:Oil<br>Ratio                            | Well Star      | tus                                                                                                                      |                                                                                      |  |  |  |  |
| On Dund                   | Si Inton                          | un I D                    |                         | l                             | <u> </u>   |                                    |                                             |                |                                                                                                                          |                                                                                      |  |  |  |  |
|                           | uction - Inter                    |                           | 17                      | 10:1                          | le.        | Water                              | Oil Gravity                                 | Gas            | Production Method                                                                                                        |                                                                                      |  |  |  |  |
| te First<br>oduced        | Test<br>Date                      | Hours<br>Tested           | Test<br>Production      | Oil<br>BBL                    | Gas<br>MCF | BBL                                | Corr. API                                   | Gravity        | Froduction Method                                                                                                        |                                                                                      |  |  |  |  |
| oke<br>se                 | Tbg. Press.<br>Flwg.<br>SI        | Csg.<br>Press.            | 24 Hr.<br>Rate          | Oil<br>BBL                    | Gas<br>MCF | Water<br>BBL                       | Gas:Oil<br>Ratio                            | Well Sta       | itatus                                                                                                                   |                                                                                      |  |  |  |  |
| 9. Dispo                  | sition of Gas                     | Sold, used                | for fuel, veni          | ted, etc.)                    |            |                                    |                                             |                |                                                                                                                          |                                                                                      |  |  |  |  |
| 0. Summ                   | ary of Porou                      | s Zones (In               | clude Aquife            | ers):                         |            |                                    | <del></del>                                 |                | 31. Formation (Log) Markers                                                                                              |                                                                                      |  |  |  |  |
| tests, i                  |                                   |                           |                         |                               |            | d intervals and<br>en, flowing and | l all drill-stem<br>I shut-in pressure      | es             |                                                                                                                          |                                                                                      |  |  |  |  |
| Formation                 |                                   |                           | Тор                     | Bottom                        |            | Description                        | ons, Contents, et                           | c.             | Name Top Meas. De                                                                                                        |                                                                                      |  |  |  |  |
| 05/19<br>TOL:             | 4795'. RU I                       | l9' PBTD:<br>Ialliburton  | 7275' Ran<br>. Cement v | ⊦60 jts 4-1/:<br>vith 325 sks | s 50/50 C  | lass B poz, 2                      | set @ 7319'.<br>2% gel, 5#/sk               |                | OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS LEWIS HUERFANITO BENTON NAVAJO CITY OTERO CLIFFFHOUSE MENEFEE POINT LOOKOUT | 3755<br>3965<br>4213<br>4386<br>4640<br>5318<br>5367<br>5630<br>6231<br>6435<br>6734 |  |  |  |  |
| gilsor<br>bbls (<br>05/20 | nite, 1/4#/sk<br>cement to si     | flocele (42<br>urface. TC | 29 cu.ft.). F           | lua down @                    | D 3:00 aı  | m on 05/20/0                       | 4. Čirculate 13<br>leased 4:00 pm           | on             |                                                                                                                          |                                                                                      |  |  |  |  |
|                           | ectrical/Mech                     |                           | s (1 full set r         | ea'd.)                        |            | 2. Geologi                         | c Report                                    | 3 1            | DST Report 4. I                                                                                                          | Directional Survey                                                                   |  |  |  |  |
|                           | indry Notice                      | v                         | •                       | . ,                           | ı          | 6. Core Ar                         | -                                           |                | Other:                                                                                                                   | on octional out vey                                                                  |  |  |  |  |
| 4. I here                 | by certify that                   | at the forego             | Elec                    | tronic Subi                   | nission #3 | 32274 Verifie                      | orrect as determined by the BLM VRPORATION, | Vell Informa   |                                                                                                                          | nstructions):                                                                        |  |  |  |  |
| Name                      | (please prin                      | ) <u>VICKI D</u>          | ONAGHEY                 |                               |            |                                    | Title                                       | PRODUCTION     | ON ASSISTANT                                                                                                             |                                                                                      |  |  |  |  |
|                           | Signature (Electronic Submission) |                           |                         |                               |            |                                    |                                             |                | Date 06/23/2004                                                                                                          |                                                                                      |  |  |  |  |