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

5. Lease Serial No.

| \ A / C | ~~!!    | ETION | ~~ ~~  | ^~!!    | CTION | REPORT |         |
|---------|---------|-------|--------|---------|-------|--------|---------|
| W       | CCIMIDI |       | TIP PF | CCIMADI |       |        | 1 1 1/2 |
|         |         |       |        |         |       |        |         |

|  |  |  |                                       |                      |                               |              |  |  |  |                                       | NMNM101                   | OSA              |  |
|--|--|--|---------------------------------------|----------------------|-------------------------------|--------------|--|--|--|---------------------------------------|---------------------------|------------------|--|
| 1a. Type of  | _  | Oil Well   |                                       |                      | □ Dry                         | □ Ot         |  |  |  |                                       | 6. If Indian, A           | lottee o         | r Tribe Name   |
| b. Type of   | f Completion   | Othe   | lew Well<br>er                        | □ Woi                | rk Over                       | □ Dec        | epen D   | Plug Back  | □ Diff. I  | Resvr.                                | 7. Unit or CA             | Agreem           | ent Name and No  |
|  | SEN RESO   |  |                                       |                      | Co                            |              | CKI DONAG<br>Mail: vdonag  | he@ener  |  | 1275                                  | 8. Lease Name<br>MEXICO F |                  |  |
| . Address  | 2198 BLC<br>FARMING  |  |                                       | ΛY                   |                               |              | 3a. Phone Ph: 505.   | No. (mclu<br>325,6800  | de area code<br>Ext: 238                         | ) 7                                   | 9. API Well No            |                  | 45-31236-00-S1   |
| . Location At surfa  | Sec 12   | 2 T31N R   | on clearly at<br>13W Mer N<br>2265FEL | nd in acc            | cordance                      | with Fede    | ral requireme  | ents)*   | APR 200  |                                       | -4                        | MV / BA          | ASÎN DAKOTA  |
| /  | rod interval   |  |                                       |                      |                               |              |  |  |  | ere L                                 | ্ৰুল Area Se              | ec 12 T          | Block and Surve<br>31N R13W Mer                                |
| At total   | depth  |  |                                       |                      |                               |              |  |  | كالمناق أرأا                                     | . •                                   | 12:/County or<br>SAN JUAN |                  | 13. State<br>NM  |
| 4. Date Sp<br>01/18/2  |  |  |                                       | ate T.D.<br>2/02/200 | Reached<br>3                  |              |  | Date Compl<br>& A<br>3/26/2003   | Ready to F                                       | rod.                                  | 77. Elevations<br>57      | (DF, K<br>'76 GL |  |
| 8. Total D   | •  | MD<br>TVD  | 6910                                  |                      |                               | g Back T.    | D.: MD   |  | 861  | 20. Dept                              | th Bridge Plug S          |                  | MD<br>TVD  |
| CBL CN   | lectric & Oth  | 1 TL   | J                                     | `                    | .,                            | of each)     |  |  | Was  | well cored<br>DST run?<br>tional Surv | No No                     | ĭ Yes            | s (Submit analysis<br>s (Submit analysis<br>s (Submit analysis |
|  | nd Liner Rec   | <u> </u>   |                                       | s set in v           |                               | Bottom       | Stage Cemer  | iter No.   | of Sks. &  | Slurry                                | Vol.                      |                  | T  |
| Hole Size  | Size/G   | rade   | Wt. (#/ft.)                           | (MI                  |                               | (MD)         | Depth  |  | of Cement  | (BBI                                  | I Cement                  | Top*             | Amount Pulle   |
| 12.250<br>8.750  | <del> </del>   | 9.625<br>7.000   | 32.0<br>23.0                          |                      | 0                             | 234          |  |  | 150  |                                       |                           | 0                |  |
| 6.250  |  | 4.500  | 12.0                                  |                      | 0<br>3686                     | 3858<br>6910 |  | -  | 555<br>245                                       |                                       |                           | 0<br>3800        |  |
|  |  |  |                                       |                      |                               |              |  |  |  |                                       |                           |                  |  |
| 4 T.L.   | Description  |  |                                       |                      |                               |              |  |  |  |                                       |                           |                  |  |
| 4. Tubing Size   | Depth Set (N   | (D) P:   | acker Depth                           | (MD)                 | Size                          | Denth        | Set (MD)   | Packer D   | epth (MD)  | Size                                  | Donth Cat (A.             | ID) I            | Doolean Dough (M   |
| 0.00   |  |  | zeker Beptil                          | (IIID)               | GIZC                          | Бери         | i set (MD)   | I acker D  | epui (MD)  | Size                                  | Depth Set (M              | (UI              | Packer Depth (M  |
| 2.375  |  | 6713   |                                       |                      |                               |              |  |  |  |                                       |                           |                  |  |
| 5. Producii  | ng Intervals   | 6713   |                                       |                      |                               |              | Perforation R  | lecord   |  |                                       |                           |                  |  |
| Producii<br>Fo   | ng Intervals<br>ormation   |  | Тор                                   | eene                 | Bottom                        | 1            |  | ted Interval   |  | Size                                  | No. Holes                 |                  | Perf. Status   |
| 5. Producir<br>Fo  | ng Intervals<br>ormation   | KOTA   | Тор                                   | 6606                 |                               |              |  | ted Interval   | TO 6761  | Size<br>0.34                          | ****                      | ' 1 JSF          |  |
| 5. Producir<br>Fo<br>)   | ng Intervals<br>ormation   |  | Тор                                   | 6606                 |                               | 1            |  | ted Interval   |  |                                       | ****                      | 7 1 JSF          |  |
| Fooducing Fooduc | ng Intervals<br>ormation<br>DAF  | KOTA   |                                       |                      |                               | 1            |  | ted Interval   |  |                                       | ****                      | 7 1 JSF          |  |
| Fooducin Fooducin  Fooducin  Acid, Fr  | ng Intervals ormation DAP  | KOTA   |                                       |                      |                               | 1            |  | 6606   | TO 6761  | 0.34                                  | ****                      | 7 1 JSF          |  |
| Fo<br>Fo<br>)<br>)<br>)<br>)<br>)<br>7. Acid, Fr   | ng Intervals  ormation  DAF  acture, Treat   | KOTA   | nent Squeeze                          | e, Etc.              | 67                            | 761          | Perfora  | 6606 Amount a  |  | 0.34                                  | ****                      | 7 1 JSF          |  |
| 5. Producii<br>Fo<br>)<br>)<br>)<br>)<br>)<br>)<br>7. Acid, Fr   | ng Intervals  ormation  DAF  acture, Treat   | KOTA   | nent Squeeze                          | e, Etc.              | 67                            | 761          |  | 6606 Amount a  | TO 6761  | 0.34                                  | ****                      | 7 1 JSF          |  |
| Fo<br>Fo<br>)<br>)<br>)<br>)<br>)<br>7. Acid, Fr   | ng Intervals  ormation  DAF  acture, Treat   | KOTA   | nent Squeeze                          | e, Etc.              | 67                            | 761          | Perfora  | 6606 Amount a  | TO 6761  | 0.34                                  | ****                      | 7 1 JSF          |  |
| 5. Producin<br>Fo<br>(a)<br>(b)<br>(c)<br>(c)<br>(d)<br>(d)<br>(d)<br>(d)<br>(e)<br>(e)<br>(e)<br>(e)<br>(e)<br>(e)<br>(e)<br>(e)<br>(e)<br>(e   | ng Intervals  DAF  acture, Treat  Depth Interva  | tment, Cer<br>al<br>606 TO 67                          | nent Squeeze                          | e, Etc.              | 67                            | 761          | Perfora  | 6606 Amount a  | TO 6761  | 0.34                                  | ****                      | 1 JSR            |  |
| 5. Producin Fo (a) (b) (c) (c) (d) (d) (e) (e) (e) (e) (e) (e) (e) (e) (e) (e  | ng Intervals  DAP  acture, Treat  Depth Interval   | tment, Ceral   | nent Squeeze                          | e, Etc.              | 67                            | 8 90,000#    | Perforal   | 6606 Amount a  | TO 6761  | 0.34                                  | 0 37                      | 7 1 JSF          |  |
| 5. Producir Fo  ) ) 7. Acid, Fr  I  8. Producti e First duced  | ng Intervals ormation  DAF  acture, Treat Depth Interva  66  on - Interval Test Date   | tment, Ceral SO6 TO 67                                 | nent Squeeze                          | e, Etc.              | 67                            | 8 90,000#    | Perforal  # 20/40 SAND   | 6606 Amount a  | TO 6761  | 0.34                                  | ****                      | 7 1 JSF          |  |
| 5. Producir Fo ) ) ) 7. Acid, Fr  I  8. Producti First Juced 3/26/2003   | ng Intervals primation  DAP  acture, Treat Depth Interval  66  on - Interval  Test Date 04/01/2003                             | tment, Ceral 606 TO 67  A  Hours Tested 168            | rent Squeeze                          | e, Etc.  GALS DE     | Gas MCF                       | % 90,000#    | Perforal  # 20/40 SAND  ater Or Co                                   | Amount and Gravity on. API   | nd Type of M                                     | 0.34                                  | 0 3                       |                  |  |
| Fooducing Fooducing Fooducing Fooducing Fooducing Fooducing First First Function Fooducing Fooducing First Function Fooducing  | acture, Treat Depth Interval Test Date 04/01/2003 Tbg. Press. Flwg.  | A Hours Tested 168 Csg. Press.                         | nent Squeeze '61 69,791 0             | e, Etc.  GALS DE     | Gas MCF Gas MCF               | 8 90,000#    | Perforal  # 20/40 SAND  ater Octoor  0.0  ater Gr                    | Amount at  | nd Type of M                                     | 0.34                                  | 0 3                       |                  | PF   |
| Foolucin Foolucin Foolucin Foolucin Foolucin Foolucin Foolucin Foolucin Foolucin First Foolucin First Flued By 26/2003 ke  | acture, Treat Depth Interval Test Date 04/01/2003 Tbg. Press. Flwg. SI 1280  | A Hours Tested 168 Csg. Press. 1160.0                  | Test Production 24 Hr.                | e, Etc.  GALS DE     | Gas MCF Gas MCF               | 8 90,000#    | Perforal  # 20/40 SAND  ater Octoor  0.0  ater Gr                    | Amount a   | nd Type of M  Gas Gravity  Well St               | 0.34  [aterial]                       | 0 3                       | ws fro           | DM WELL  |
| 5. Producin Fo (a) (b) (c) (c) (d) (d) (e) (e) (e) (e) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f  | acture, Treat Depth Interval Test Date 04/01/2003 Tbg. Press. Flwg.  | A Hours Tested 168 Csg. Press. 1160.0                  | Test Production 24 Hr.                | e, Etc.  GALS DE     | Gas<br>MCF<br>E<br>Gas<br>MCF | 8 90,000#    | Perforal  # 20/40 SAND  ater On  | Amount and association of the control of the contro | TO 6761  Ind Type of Market Gas Gravity  Well St | 0.34  Iaterial  P  atus  GSI          | roduction Method FLO      | ws fro           | DM WELL  |
| 5. Producin Fo (a) (b) (c) (c) (d) (d) (e) (e) (e) (e) (e) (e) (e) (e) (e) (e  | acture, Treat Depth Interval  Test Date 04/01/2003 Tbg. Press. Flwg. SI 1280 tion - Interval                                   | tment, Certal  A  Hours Tested 168  Csg. Press. 1160.0 | Test Production                       | Oil BBL O.0          | Gas MCF Gas MCF               | 8 90,000#    | Perforal  # 20/40 SAND  atter Oi 3L Cc 0.0  atter Gr 3L Ra  atter Oi | Amount a   | nd Type of M  Gas Gravity  Well St               | 0.34  Interial  Patus  GSI            | 0 3                       | ws fro           | DM WELL  |
| 8. Producti te First duced 3/26/2003 ooke e 8a. Producti te First duced soke e   | ng Intervals primation  DAF  acture, Treat Depth Interval  Test Date 04/01/2003 Tbg. Press. Flwg. SI 1280 tion - Interval Test | A  Hours Tested 168  Csg. Press. 1160.0                | Test Production  24 Hr. Rate          | Oil BBL Oil BBL Oil  | Gas MCF E Gas MCF 1           | & 90,000#    | Perforal  # 20/40 SAND  ater Oi O.0 ater Grant Ri  ater Grant Co     | Amount and associated association of the second association of the sec | TO 6761  and Type of M  Gas  Gravity  Well St    | 0.34  faterial  P  atus  GSI          | o 3                       | WS FROM FIELD    | DM WELL  RECORD  103   |

| Date First Produced Date   | 28b. Proc              | duction - Interv  | /al C        |                            |                       |                              |                         |  | •                                  | ·   | · · · · · · · · · · · · · · · · · · ·   |  |  |
|--|------------------------|-------------------|--------------|----------------------------|-----------------------|------------------------------|-------------------------|--|------------------------------------|---|---|--|--|
| Troduction   Date   Tended   Production   Ball.   MCT   Ball.   Corr. Art   Gas-ty   | Date First             |                   |              | Test                       | Oil                   | Gas                          | Water                   | Oil Gravity                                      | T                                  | Gas   | Production Method   |  |  |
| Size   Projection   Interval D   Discriptions   D   | Produced               |                   |              |                            |                       |                              |                         |  |                                    |   | Troduction Wethou   |  |  |
| Descriptions   Test     | Size Flwg. Press.      |                   |              |                            |                       |                              |                         |  |                                    | Well Status   |   | · · · · · · · · · · · · · · · · · · ·  |  |
| The product   Disc   Trained   Production   State   Trained   Tr   | 28c. Prod              | duction - Interv  | al D         |                            | <u> </u>              |                              |                         |  |                                    |   |   |  |  |
| Page      | Date First<br>Produced |                   |              |                            |                       |                              |                         |  |                                    |   | Production Method   |  |  |
| SOLD  30. Summary of Porous Zones (Include Aquiters):  Show all important zones of perceity and contents thereof: Cored intervals and all drill-sterm tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  Top  Meas. Depth  MacIMIENTO  QUO ALAMO  NICHTAND  278  278  278  278  278  278  278  27  | Choke<br>Size          | Size Flwg. Press. |              |                            |                       |                              |                         |  | ,                                  | Well Status   | <u> </u>  |  |  |
| Show all important zones of perosity and contents thereof. Gred intervals and all drill-stem tests, include gloth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Meas. Depth Meas. Depth Meas. Depth Research Contents of the Contents o | 29. Dispo              | osition of Gas(   | Sold, used j | for fuel, ven              | ted, etc.)            | <u> </u>                     | <u> </u>                |  | I                                  |   |   |  |  |
| OJO ALAMO NACIMIENTO OJO ALAMO OJO A | Show<br>tests,         | all important :   | zones of po  | rosity and c               | ontents there         | eof: Cored i<br>e tool open, | ntervals and flowing ar | d all drill-stem<br>nd shut-in pressu            | ires                               | 31. For   | mation (Log) Markers  |  |  |
| OJO ALAMO NACIMIENTO RIRTLAND  278  278  278  278  278  278  278  27   |                        | Formation         |              | Тор                        | Bottom                |                              | Descripti               | ons, Contents, e                                 | tc.                                |   | Name  |  |  |
| 33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Directional Survey  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7 Other:  34. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #20237 Verified by the BLM Well Information System.  For ENERGEN RESOURCES CORPORATION, sent to the Farmington  Committed to AFMSS for processing by Adrienne Garcia on 04/04/2003 (03AXG0957SE)  Name (please print) VICKI DONAGHEY  Title PRODUCTION ASSISTANT  Signature (Electronic Submission)  Date 04/03/2003  | NACIMIE<br>KIRTLAN     | INTO<br>ID        |              | 278                        |                       |                              |                         |  |                                    | KIR<br>FRI<br>PIC<br>ME<br>CH.<br>CLI<br>ME<br>PO<br>MA<br>GR | RTLAND UITLAND CTURED CLIFFS SAVERDE ACRA EQUIVALENT FF HOUSE NEFEE INT LOOKOUT NCOS LLUP EENHORN | 140<br>230<br>1730<br>2085<br>2355<br>2790<br>3610<br>3905<br>4450<br>4800<br>5769<br>6475 |  |
| 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #20237 Verified by the BLM Well Information System. For ENERGEN RESOURCES CORPORATION, sent to the Farmington Committed to AFMSS for processing by Adrienne Garcia on 04/04/2003 (03AXG0957SE)  Name (please print) VICKI DONAGHEY Title PRODUCTION ASSISTANT  Signature (Electronic Submission)  Date 04/03/2003   | NO F                   | e enclosed attac  | chments:     |                            |                       | 2                            | 2. Geologic             | c Report   |                                    | 3. DST Rep  | ort 4. Directic   | onal Survey  |  |
| Electronic Submission #20237 Verified by the BLM Well Information System. For ENERGEN RESOURCES CORPORATION, sent to the Farmington Committed to AFMSS for processing by Adrienne Garcia on 04/04/2003 (03AXG0957SE)  Name (please print) VICKI DONAGHEY  Title PRODUCTION ASSISTANT  Signature (Electronic Submission)  Date 04/03/2003   | 5. Su                  | ndry Notice for   | r plugging   | and cement                 | verification          | (                            | 6. Core An              | alysis   |                                    | 7 Other:  |   | ·  |  |
| Signature (Electronic Submission)  Date 04/03/2003  Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person levels of the control of t |                        |                   | (            | Electr<br>For<br>Committed | onic Submi<br>ENERGEN | ssion #202:<br>RESOUR        | 37 Verified<br>CES COR  | l by the BLM V<br>PORATION, s<br>rienne Garcia o | Vell Info<br>sent to t<br>on 04/04 | ormation Systhe Farmingto<br>1/2003 (03AX)                    | tem.<br>on<br>G0957SE)  | ions):   |  |
| Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person legalization of 1001 and 1001 and 1001 and 1001 and 1000 and 10 | Name                   | (pieuse print)    | VICKI DO     | NAGMEY                     |                       |                              |                         | Title  | PRODU                              | ICTION ASS  | ISTANT  | · · · · · · · · · · · · · · · · · · ·  |  |
| 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  | Signa                  | ture              | (Electronic  | Submission                 | on)                   |                              |                         | Date (   | Date 04/03/2003                    |   |   |  |  |
|  | Title 18 U             | J.S.C. Section    | 001 and T    | itle 43 U.S.(              | C. Section 12         | 212, make i                  | t a crime fo            | or any person kno                                | owingly                            | and willfully   | to make to any department or  | agencv   |  |