Fori 1990-4 (October 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR

(See other instructions on

SUBMIT IN DUPLICATE

FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 199

|                         |                |                   |                       |              |               |           |                  |  |               |                   | 6 TE            | ASE DESIGNATIO   | N AND SERIAL NO.                                  |
|-------------------------|----------------|-------------------|-----------------------|--------------|---------------|-----------|------------------|--|---------------|-------------------|-----------------|------------------|---|
|                         |                |                   |                       | BURE         | AU OF LAI     | ND MA     | ANAGEMEN         | П                                      |               |                   | 3. LE           | ASE DESIGNATIO   | N AND SERIAL NO.                                  |
|                         |                |                   |                       |              |               |           |                  | Enr-                                   | 701           | -n                |                 | NMNM014110       |   |
| WELL C                  | OMP            | LETIC             | ON OR                 | REC          | OMPL          | ETIC      | ON REP           | ORT AND                                | LO            | G* /              | 6. IF           | INDIAN, ALLOTTEI | E OR TRIBE NAME                                   |
| 1a. TYPE OF             |                | •                 | OIL                   | TT           | GAS V         | DRY       |                  |  |               | /                 |                 |                  |   |
|                         |                |                   | MEFI                  | ш            | WELL X        | DK        | Omer             | 200/11 1/11/2                          | ~             | 5 84 6 5          | r=7. UI         | NIT AGREEMENT N  | IAME  |
| b. TYPE O               | F COMPLI       | ETION:            |                       |              |               |           |                  | ZW4 MA                                 | 1   -         | 3 PM 2: 3         | י יכן           | NMNM10491        | 1   |
|                         | NEW            | X WORK            | DEEP                  | $\Box$       | PLUG<br>BACK  | DIF       |                  | DHC #109                               | 9A7           |                   | 8. FA           | ARM OR LEASE NA  | ME, WELL NO.                                      |
|                         | WELL           | OVER              | שיים                  | ш            | BACK          | RES       | ZAK TOOLE        | 070 Fa                                 |               | aton. NA          | 5               | Walker Koch      | 20  |
| 2. NAME C               | E OPERA        | TOR               |                       |              |               |           |                  | 0/0/6                                  | Li t i til    | TERVEL, LYIN      |                 | WELL NO.         | 20  |
|                         |                |                   | OURCES                | 3 IIC        | GAS COM       | PANY      | •                |  |               |                   |                 | 30-045-3074      | S_00_S1   |
| 3 ADDRES                |                |                   |                       |              | 0/10/00/11    | 7441      |                  |  |               |                   | 10. F           | FIELD AND POOL   |   |
|                         |                |                   | nington, NI           | M 874        | 99 (50        | 5) 32     | 26-9700          |  |               |                   |                 |                  | /BASIN DAKOTA                                     |
|                         |                |                   |                       |              |               |           |                  | requirements)*                         | 73/0          | 12.5              | 11. 8           |                  | BLOCK AND SURVEY                                  |
| At surfac               | · .            | SESW 8            | 35' FSL, 17           | '40' F\      | Λi            |           |                  | W. S. Cr                               | the said to a | 1 C 3 2 C         |                 | OR AREA          |   |
| At Sullac               |                | 02011,01          | JO 1 JE, 11           |              |               |           |                  | SO V                                   | 3             | (65)              |                 | Sec 10 T31I      | N, R10W, NMPM                                     |
| A4 4aa as               | ad intone      | l reported        | holow                 |              |               |           |                  | NAY NAY                                | anne          | ં ક્રે            |                 | ,                | *   |
| At top pr               | od. interva    | ii reporteu       | DEIOW                 |              |               |           |                  | VAID IN                                | 1500          |                   |                 |                  |   |
| At total d              | lepth          |                   |                       |              |               |           |                  | TE MI                                  |               | * * ;             |                 |                  |   |
|                         | •              |                   |                       |              |               |           |                  | Pur?                                   |               |                   | 1               |                  |   |
|                         |                |                   |                       |              | . 1           | 4. PE     | RMIT NO.         | DATE ISSUE                             | D             |                   | 12. C           | COUNTY OR        | 13. STATE   |
|                         |                |                   |                       |              | .             |           |                  | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |               | •                 |                 | PARISH           | ł.,   |
| 45 DATE COL             | ionen la       | E DATE            | T.D. REACHE           |              | I17 DATE CO   | OMPL (    | (Ready to prod.) |  | 140 Fi        | EVATIONS (DE D    | (D. DT          | San Juan         | New Mexico  |
| 15. DATE SPI<br>3/20/03 | - 1            | 16. DATE<br>4/9/0 |                       |              | I''. DAILE CO |           | 24/04            |  | 18. EL        | LEVATIONS (DF, RI | KB, RI,         | BR, ETC.)*       | 19. ELEV. CASINGHEAD                              |
| 20. TOTAL DE            |                |                   |                       | BACK T       | .D., MD &TVD  | _         | IF MULTIPLE C    | OMPI                                   | 23 IN         | 6209' GL          | POTAR           | RY TOOLS         | CABLE TOOLS                                       |
| 20. 101AL DE            | -r 111, 1810 G |                   | 1                     | Drioit I.    | .D., IND G110 |           | HOW              |  | t .           | RILLED BY         | KOIA            | (1 TOOLS         | CABLE 100LS                                       |
| 77                      | '65'           |                   | 774                   | 5'           |               | İ         |                  |  |               |                   | yes             |                  | i   |
| 24. PRODUC              | TION INTER     | VAL (S) OF        | THIS COMPL            | ETION-1      | OP, BOTTOM    | I, NAME   | (MD AND TVD)     | •                                      |               |                   |                 | 25. WAS DIRECT   |   |
|                         |                |                   | 2004                  | E E 70       |               |           |                  |  |               |                   |                 | SURVEY MA        |   |
|                         | Mesavero       |                   | 3094 -                | 00/2         |               |           |                  | · · · · · · · · · · · · · · · · · · ·  |               | <del></del>       | lan             | <u> </u>         | No .  |
| 26. TYPE ELE            |                | OTHER             | JGS RUN               |              |               |           |                  |  |               |                   | 27. WA          | S WELL CORED     |   |
| CBL-GF                  | R-CCL          |                   |                       |              |               |           |                  |  |               |                   | <u> </u>        |                  | No.   |
| 28.                     |                |                   |                       |              |               |           |                  | (Report all string                     |               |                   |                 |                  |   |
| CASING SIZ              |                |                   | HT, LB./FT.           | DEF          | TH SET (MD    | <u>)</u>  | HOLE SIZE        |  | MENT, C       | CEMENTING RECO    | RD              | AI               | MOUNT PULLED                                      |
| 9 5/8                   | H-40<br>J-55   | 32.3              | <del>*</del>          | ├            | 184'<br>3230' |           | 12 1/4<br>8 3/4  | 120 sxs<br>498 sxs                     |               |                   |                 | ļ                |   |
| 4 1/2                   | J-55           | 10.5              | #                     | ┼—           | 7766          |           | 6 1/4            | 313 sxs                                | _             | <del> </del>      |                 | <del> </del>     |   |
| 4 1/2                   | 3-33           | 10.5              |                       | <del> </del> | 7700          | +         | 0 1/4            | 313 545                                |               | <del></del>       |                 | <del> </del>     |   |
| 29.                     |                | <del></del>       | LINER R               | ECORI        | 5             |           |                  | 30.                                    |               |                   | Τι              | JBING RECORD     | )   |
| SIZE TOP (MI            |                | D) BO             |                       |              | SACKS CEMENT* |           | CREEN (MD)       | SIZE                                   | DEPTH SET (N  |                   |                 |                  |   |
|                         |                |                   | ····                  |              |               |           |                  | 2.375                                  |               | 7537'             | ···-,           |                  | ()  |
|                         |                |                   |                       |              |               |           |                  |  |               |                   |                 |                  | <del>" ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del> |
| 31 PERFORA              | TION RECO      | ORD (Interva      | l, size and nur       | nber)        |               | 32.       |                  | ACI                                    | D, SHO        | OT, FRACTURE,     | CEME            | NT SQUEEZE, I    | ETC.  |
|                         | 5210' w/2      |                   |                       |              |               | <u> </u>  | DEPTH INT        |  |               |                   | D KIND OF MATER | RIAL USED        |   |
| 5250 - 5558' w/25 holes |                |                   |                       |              |               | <u> </u>  | 4516 - 5         |  |               | bbls slick wtr,   |                 |                  |   |
|                         |                |                   |                       |              |               | <u> </u>  | 5250 - 5         | 558'                                   | 1114          | bbls slick wtr,   | 100,0           | 00# 20/40 Bra    | dy sand   |
|                         |                |                   |                       |              |               | <u> </u>  |                  |  | <u> </u>      |                   |                 |                  |   |
|                         |                |                   |                       |              |               | -         |                  | ·                                      | ┝──           |                   |                 |                  | ······································            |
| 33.                     |                |                   |                       |              |               |           | Pi               | RODUCTION                              | Щ             | ·                 |                 |                  | · · · · · · · · · · · · · · · · · · ·             |
| DATE FIRST PR           | ODUCTION       |                   | PRODUC                | CTION N      | IETHOD (Flow  | ving, gas |                  | ize and type of pum                    | P)            | ·····             |                 | WELL STATUS (A   | Producing or shut-in)                             |
| 3/24/04                 |                |                   | <u> </u>              |              |               | Flo       | wing             |  |               |                   |                 | SI               | ,   |
| DATE OF TEST            |                | HOURS             | TESTED                | СНОК         |               | ROD'N F   |                  | BL                                     | GAS-          | -MCF              | WATI            | ER-BBL           | GAS-OIL RATIO                                     |
|                         |                | 1                 |                       | 1            | TE            | ST PER    | RIOD             |  | ĺ             |                   | Ī               |                  | [   |
|                         | 24/04          |                   |                       | L            |               |           |                  |  |               |                   | L               |                  |   |
| FLOW. TUBING            | PRESS.         | CASING            | PRESSURE              |              |               | OIL-BB    | lL .             | GAS-MCF                                |               | WATER-BB          | L               |                  | OIL GRAVITY-API (CORR.)                           |
| ***                     |                | 1                 | 200                   | 24-HU(       | UR RATE       |           |                  |  |               | 1                 |                 |                  |   |
| 382<br>34. DISPOSITI    | ርህ ርድ የአና      | (Sold use         | 382<br>Tor fuel vente | d etc \      |               |           |                  | PITOT Test                             | 1948          | L                 |                 |                  |   |
| J4, DIOPUSITI           | UN OF GAS      | • •               |                       | , vii. )     |               |           |                  |  |               |                   |                 | TEST WITNESSE    | D BY  |
| 35. LIST OF AT          | TACHMEN        | To be             | : SUIU                |              |               |           |                  |  |               |                   |                 |                  | ·   |
| 30. El31 OF A           |                | None              |                       |              |               |           |                  |  |               |                   | 166             | Et is            | d heade.  |
| 36. I hereby ce         | rtify that the |                   |                       | formatio     | n is complete | and con   | rect as determin | ed from all available                  | e record      | ls                | ?               |                  | · · · · · · · · · · · · · · · · · · ·             |
| •                       | /              |                   |                       | , 1          | ,             |           |                  |  |               |                   | 1               | MAY 19           | 2004  |
|                         | 1.             |                   |                       | . / /        |               |           |                  |  |               |                   | 3               | animit 🗓 📆       | LUUT  |

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DATE 5/11/04

TITLE Regulatory Specialist

| FORMATION       | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.   |                                | ТОР                     |                     |  |
|-----------------|-------|--------|---|--------------------------------|-------------------------|---------------------|--|
|                 |       |        |   | NAME                           | MEAS, DEPTH             | TRUE<br>VERT, DEPTH |  |
| <b>I</b> .      |       | i      | · ·   |                                |                         |                     |  |
| Ojo Alamo       | 1466' | 1490'  | White, cr-gr ss.  |                                |                         |                     |  |
| Kirtland        | 1490' | 2600'  | Gry sh interbedded w/tight, gry, fine-gr ss.  |                                |                         |                     |  |
| Fruitland       | 2600' | 2980'  | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.              | Ojo Alamo<br>Kirtland          | 1466'<br>1490'          |                     |  |
| Pictured Cliffs | 2980' | 3094'  | Bn-Gry, fine grn, tight ss.   | Fruitland Pic.Cliffs Mesaverde | 2600'<br>2980'<br>3094' |                     |  |
| Mesa Verde      | 3094' | 4100'  | Light gry, med-fine gr ss, carb sh  | Chacra                         | 4100'                   |                     |  |
| Chacra          | 4100' | 4505'  | Gry fn grn silty, glauconitic sd stone w/drk gry shale                              | Cliffhouse<br>Menefee          | 4505'<br>4866'          |                     |  |
| Cliff House     | 4505' | 4866'  | ss. Gry, fine-grn, dense sil ss.  | Point Lookout Mancos           | 5234'<br>5572'          |                     |  |
| Menefee         | 4866' | 5234'  | Med-dark gry, fine gr ss, carb sh & coal  | Gallup<br>Greenhorn            | 6550'<br>7266'          |                     |  |
| Point Lookout   | 5234' | 5572'  | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation      | Dakota                         | 7315′                   |                     |  |
| fancos          | 5572' | 6550'  | Dark gry carb sh.   |                                |                         |                     |  |
| Gallup          | 6550' | 7266'  | Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh |                                |                         |                     |  |
| Freenhorn       | 7266' | 7315'  | Highly calc gry sh w/thin lmst.   |                                |                         |                     |  |
| Dakota          | 7315' | 7745'  | Lt to dk gry foss carb sl calc sl silty & coal                                      |                                |                         |                     |  |