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

SUBMIT IN DUPLICATE\*
(See other instructions on

FOR APPROVED OMB NO 1004-0137

Expires: December 31, 1991
5 LEASE DESIGNATION AND SERIAL NO.

NMSE - 078000

|                     |                        |   |   |                                  |  |                            | ]                                  | NMSF - 078                      | 3999                             |  |
|---------------------|------------------------|---|---|----------------------------------|--|----------------------------|------------------------------------|---------------------------------|----------------------------------|--|
| WELL C              | COMPL                  | ETION OR  | RECOMPLE                                | TION REP                         | ORT AND                                      | LOG*                       | 6. IF                              | INDIAN, ALLOTTE                 | E OR TRIBE NAME                  |  |
| 1a TYPE OF          | F WELL.                | OIL<br>WELL                                       | CAS X                                   | DRY Other                        |  |                            | 1                                  |                                 |                                  |  |
| b TYPE OF           | E COMPLET              | 7 UNIT AGREEMENT NAME                             |   |                                  |  |                            |                                    |                                 |                                  |  |
| o TIPE OF           | NEW TY                 | San Juan 31-6 Unit 8 FARM OR LEASE NAME, WELL NO. |   |                                  |  |                            |                                    |                                 |                                  |  |
|                     | WELL                   | OVER EN   | BACK                                    | RESVR Other                      |  |                            | "                                  |                                 | •                                |  |
| 2 NAME O            | E OPERAT               | OR  | San Juan 31-6 Unit #25M                 |                                  |  |                            |                                    |                                 |                                  |  |
|                     | onocoPhil              | 30-039-30013 ~ 🔾                                  |   |                                  |  |                            |                                    |                                 |                                  |  |
| 3 ADDRES            | S AND TEL              | EPHONE NO.  |   | J.                               |  | THE PER                    | 10. FIELD AND POOL, OR WILDCAT     |                                 |                                  |  |
|                     |                        | 9, Farmington, N                                  | IM 87499 (505<br>early and in accordant | ) 326-9700 <sup><u>4</u> \</sup> |  | INFD                       | Basin Dk/Blanco MV                 |                                 |                                  |  |
|                     |                        | 11. SEC., T, R., M., OR BLOCK AND SURVEY OR AREA  |   |                                  |  |                            |                                    |                                 |                                  |  |
| At surface          | e U                    | nit H (SENE) 24                                   | 190' FNL, 660' FI                       |                                  | SEP 1 8                                      | 2007                       |                                    |                                 | N R6W. NMPM                      |  |
| At top pro          | od. interval i         | reported below                                    | Same as abo                             | ve Bun                           | eau of Land                                  | Management<br>ield Office  | )                                  | KC                              | NRGW PMBM07                      |  |
|                     |                        | •   | ,                                       | (F                               | amington F                                   |                            |                                    |                                 | L CONS. DIV.                     |  |
| At total d          | epth S                 | ame as above                                      | •                                       |                                  | <b>J</b> = 352                               | and Olling                 |                                    |                                 | DIST. 3                          |  |
|                     |                        |   | 14.                                     | PERMIT NO.                       | DATE ISSUE                                   | .D                         | 12. C                              | OUNTY OR                        | 13. STATE                        |  |
|                     |                        |   |   |                                  | 1 '  |                            |                                    | PARISH                          | l                                |  |
| 5. DATE SPL         | IDDED 16               | DATE T.D. REACHE                                  | D 117 DATE COL                          | IPL (Ready to prod.)             | <u>.                                    </u> | 18. ELEVATIONS (DF, R      | WB DT                              | Rio Arriba                      | New Mexico  19. ELEV. CASINGHEAD |  |
| 5/9/07              | 10.                    | 6/5/07  | 9/5/0                                   |                                  | ,  | GL 6478'                   | KB, RI, I                          | 6493'                           | TIS. ELEV. CASINGREAD            |  |
| 0. TOTAL DE         | PTH, MD &T             |   | BACK T.D , MD &TVD                      | 22. IF MULTIPLE CO               |  | 23. INTERVALS              |                                    | Y TOOLS                         | CABLE TOOLS                      |  |
| 90                  | 79 <b>'</b>            |   | 8058'                                   | HOW N                            | MANY*  | DRILLED BY                 | 1,,,,,                             |                                 | ı                                |  |
|                     |                        | AL (S) OF THIS COMPL                              | ETION-TOP, BOTTOM,                      | 1                                | ))*  | <u> </u>                   | yes                                | 25. WAS DIRECT                  | TIONAL                           |  |
| Diamas              | Massy                  |   | ,                                       | ,                                | •  |                            |                                    | SURVEY MA                       |                                  |  |
|                     |                        | erde 5170' - 599<br>OTHER LOGS RUN                | <del>30</del>                           | <del></del>                      |  |                            | 127. WAS                           | S WELL CORED                    | No                               |  |
|                     |                        |   | Ray Casing C                            | oliar                            |  |                            | No                                 |                                 | No                               |  |
| 3.                  |                        |   | (                                       | CASING RECORD                    | (Report all string:                          | s set in well)             |                                    |                                 | <del> </del>                     |  |
| CASING SIZ          |                        | WEIGHT, LB./FT                                    | DEPTH SET (MD)                          | HOLE SIZE                        |  | MENT, CEMENTING RECO       |                                    |                                 | OUNT PULLED                      |  |
| 9 5/8" H<br>7" J-55 | -40                    | 32.3#<br>20#                                      | 232'<br>3791'                           | 12 1/4"<br>8 3/4"                | surface; 76 s                                |                            |                                    | 4 bbls                          |                                  |  |
| 4 1/2" J            | 55 L-80                | 10.5 11.6#  | 8074'                                   | 6 1/4"                           |  | (1102 cf)<br>17sx (637 cf) |                                    | TOC 33                          | Stage tool @ 2800'               |  |
| 9                   |                        | LINER R   | ECORD                                   |                                  | 30.  |                            | TU                                 | BING RECORD                     |                                  |  |
| SIZE                | TOP (MD)               | BOTTOM (MD)                                       | SACKS CEMENT*                           | SCREEN (MD)                      | SIZE 2-3/8**                                 | DEPTH SET (                | (MD)                               | PA                              | CKER SET (MD)                    |  |
|                     |                        |   |   | 1                                | 2-3/6  | 7963'                      |                                    | <del></del>                     |                                  |  |
|                     | TION RECOR             | D (Interval, size and nui                         | mber)                                   | 32.                              | ACI  | D, SHOT, FRACTURE,         | CEMEN                              | IT SQUEEZE, E                   | TC.                              |  |
| 1SPF                | 5004I -                | <b>7</b> h - 1                                    |   | 5621' -5990'                     |  |                            | 15% HCL Acid, 60Q Slickfoam w/     |                                 |                                  |  |
|                     | - 5621' =<br>- 5724' = | 7 noies<br>23 holes                               |   |                                  | 96321# 20/40 Brad                            |                            |                                    | ly Sand, total N2= 1046000 SCF. |                                  |  |
| MF 5576'            |                        |   |   | 5170' - 5576' 60Q slickfoam w/s  |  |                            | 96353# 20/40 Brady Sand, total N2= |                                 |                                  |  |
| 1 5370' -           |                        | 4 holes   |   | 1133300 SCF                      |  |                            |                                    |                                 |                                  |  |
| tal Holes           | s = 59                 |   |   | <u>.</u>                         |  |                            |                                    |                                 |                                  |  |
|                     |                        |   |   |                                  |  |                            |                                    |                                 |                                  |  |
|                     |                        |   |   |                                  |  |                            |                                    |                                 |                                  |  |
| E FIRST PRO         | DUCTION                | PRODUC  | CTION METHOD (Flowin                    |                                  | ODUCTION<br>ze and type of pum               | ρ)                         |                                    | WELL STATUS (F                  | roducing or shut-in)             |  |
|                     | W/O Faci               |   |   | Flowing                          |  |                            |                                    | SI                              |                                  |  |
| E OF TEST           |                        | HOURS TESTED                                      |   | D'N FOR OIL-BI                   | BL   | GAS-MCF                    | WATE                               | R-BBL                           | GAS-OIL RATIO                    |  |
| 9/4/07              |                        | 1   | 1/2"                                    |                                  |  | 36.54 mcf                  |                                    |                                 |                                  |  |
| W. TUBING F         | PRESS.                 |   | CALCULATED OF                           | L-BBL                            | GASMCF                                       | WATER-BB                   | L                                  |                                 | OIL GRAVITY-API (CORR.           |  |
|                     | _                      | 7004  | 24-HOUR RATE                            |                                  |  |                            |                                    |                                 |                                  |  |
| 819<br>DISPOSITIO   |                        | <b>799#</b><br>Sold, used for fuel, vente         | ed, etc.)                               |                                  | 877 mcf/d                                    |                            |                                    | TEST WITNESSE                   | D BY                             |  |
|                     |                        | To be sold  |   |                                  |  |                            |                                    | J. MINEUGE                      | ·                                |  |
| LIST OF AT          | TACHMENTS              |   |   |                                  |  |                            |                                    |                                 |                                  |  |
|                     |                        |   | aVerde well being                       |                                  |  |                            |                                    |                                 |                                  |  |
| . i nereby cert     | $\lambda$              |   | formation is complete and               |                                  | ,  | records                    |                                    |                                 |                                  |  |
| NED /               | Much                   | u 11/1/2  | Mer TITLE                               | Regulators Too                   | hnician                                      | •                          | DATE                               |                                 | 9/13/07                          |  |
|                     | 1                      | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,           | IIILE                                   | regulatory rec                   | vali   |                            | - NAIG                             |                                 | 5, 10, 01                        |  |
|                     |                        |   |   |                                  |  |                            |                                    |                                 |                                  |  |

\*(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.

ACCEPTED FOR RECORD

SIP 17 2017

FARMANGION FIELD OFFICE

| Ojo Alamo            | 2489'           | 2603′ | White, cr-gr ss.                                  | Ojo Alamo        | 2849'         |
|----------------------|-----------------|-------|---|------------------|---------------|
| Kirtland             | 2603'           | 3126' | Gry sh interbedded w/tight, gry, fine-gr ss.      | Kirtland         | 2603'         |
| Fruitland            | 3126′           | 3440' | Dk gry-gry carb sh, coal, grn silts, light-       | Fruitland        | 3126'         |
|                      |                 |       | med gry, tight, fine gr ss.                       | •                |               |
| Pictured Cliffs      | 3440′           | 3556′ | Bn-Gry, fine grn, tight ss.                       | Pic.Cliffs       | 3440'         |
| Lewis                | 3556′           | 4195' | Shale w/siltstone stringers                       | Lewis            | 3556′         |
| Huerfanito Bentonite | 4195′           | 4612' | White, waxy chalky bentonite                      | Huerfanito Bent. | 4195'         |
| Chacra               | 4612'           | 5157' | Gry fn grn silty, glauconitic sd stone            | Chacra           | 4612'         |
|                      |                 |       | w/drk gry shale                                   | Mesa Verde       | 5157 <i>′</i> |
| Mesa Verde           | 5157′           | 5483′ | Light gry, med-fine gr ss, carb sh                | Menefee          | 5483′         |
|                      |                 |       | & coal  | Point Lookout    | 5721'         |
| Menefee              | 5483′           | 5721' | Med-dark gry, fine gr ss, carb sh & coal          | Mancos           | 6020'         |
| Point Lookout        | 5721'           | 6020' | Med-light gry, very fine gr ss w/frequent         | Gallup           | 7030′         |
|                      |                 |       | sh breaks in lower part of formation              | Greenhorn        | . 7760'       |
| Mancos               | 6020′           | 7030' | Dark gry carb sh.                                 | Graneros         | 7809′         |
| Gallup               | 7030′           | 7760′ | Lt gry to brn calc carb micac glauc               | Dakota           | 7925′         |
|                      | •               |       | silts & very fine gr gry ss w/irreg.interbed sh   |                  |               |
| Greenhorn            | . 7760 <i>′</i> | 7809′ | Highly calc gry sh w/thin lmst.                   |                  | - *           |
| Graneros             | 7809′           | 7925' | Dk gry shale, fossil & carb w/pyrite incl.        |                  |               |
| Dakota               | 7925′           |       | Lt to dk gry foss carb sl calc sl silty           | -<br>-           | -             |
| **                   |                 |       | ss w/pyrite incl thin sh bands clay & shale break | <b>cs</b>        |               |

Lec 2370.

\*COC%