Form 3160-4 (October 1990)

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

SUBMIT IN DUPLICATE\* (See other In-structions on reverse side)

FOR APPROVED OMB NO 1004-0137

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO

SF-078998

| WELL COM   | DI ETIO      | NOPP            | ECOMPLE                                      | TION DED                                | OPT AND                             | 100*  | 6 IF        |                                   | EE OR TRIBE NAME       |  |
|--|--------------|-----------------|--|---|-------------------------------------|---|-------------|-----------------------------------|------------------------|--|
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG*  1a TYPE OF WELL:  OIL GAS W DOWN TO BE THE WAY TO B |              |                 |  |   |                                     |   |             |                                   | 1 1 1                  |  |
|  |              | WELL            | GAS<br>WELL X                                | DRY Other                               | REC                                 | LIVE  | 7 UI        | VIT AGREEMENT                     | rt to lease)           |  |
| b TYPE OF COMP   | LETION.      |                 |  |   | -                                   |   | ' "         |                                   | an 32-7 Unit           |  |
| NEW<br>WELL  | X WORK       |                 | PLUG<br>BACK                                 | DIFF<br>RESVR Other                     | TOO                                 | 0.4.2011                                    | 8 FA        | ARM OR LEASE N                    | IAME, WELL NO          |  |
| WELL   | OVER         |                 | BACK   | KESVK                                   | ULI                                 | <del>21</del> 2011                          |             | San Juai                          | n 32-7 Unit 8A         |  |
| 2 NAME OF OPER   | RATOR        |                 |  |   |                                     |   | 9 AF        | PI WELL NO                        |                        |  |
| Concol   | Phillips Co  | ompany          |  |   | Farming                             | ton Field Offi                              | CE          | 30-0                              | 45-35217-00 CI         |  |
| 3 ADDRESS AND  |              |                 |  |   | Bureau of L                         | and Manage                                  | 111tH 10 F  | TELD AND POOL                     | , OR WILDCAT           |  |
|  |              | nington, NM     |  | 3) 320-3700                             |                                     |   | - 1         | Das                               | п ракота               |  |
| 4 LOCATION OF  |              |                 | 11 SEC, T, R, M, OR BLOCK AND SURVEY OR AREA |   |                                     |   |             |                                   |                        |  |
| At surface   | Unit L (N    | WSW), 1412      | 2' FSL & 1208' F                             | WL                                      |                                     |   |             | ONANLA                            |                        |  |
|  |              |                 |  |   | <u>-</u>                            |   |             | 0                                 |                        |  |
| At top prod. inter   | vai reported | pelow           | Unit N (SESW)                                | , 693' FSL & 194 <sup>,</sup>           | I. HANT                             |   | ĺ           | Section 17, T31N, R7W             |                        |  |
| At total depth   | Unit N (S    | ESW), 693'      | FSL & 1941' FW                               | /L                                      |                                     |   |             |                                   |                        |  |
| •  | ,            | ,,              | _  |   |                                     |   |             |                                   |                        |  |
|  |              |                 | 14   | 4 PERMIT NO                             | DATE ISSUE                          | ED  |             | COUNTY OR                         | 13. STATE              |  |
|  |              |                 |  |   |                                     |   | - 1         | PARISH                            | New Mexico             |  |
| 15 DATE SPUDDED  | 16 DATE      | T D. REACHED    | 17 DATE CO                                   | MPL (Ready to prod                      | <del>,</del>                        | 18 ELEVATIONS (E                            | F, RKB, RT, | San Juan<br>BR, ETC)*             | 19 ELEV CASINGHEAD     |  |
| 6/21/11  |              | 7/16/11         |  | 9/26/11 - GR                            | RS                                  |   | GL / 6,46   |                                   |                        |  |
| 20 TOTAL DEPTH, M  | OVT&C        | 21 PLUG, B.     | ACK T.D., MD.&TVD                            |   |                                     | 23. INTERVALS                               |             | RY TOOLS                          | CABLE TOOLS            |  |
| MU 0 270TD   | ידרח פ ר     | MD 6            | 947/TV/D 0 054                               | 1                                       | MANY*<br>2                          | DRILLED BY                                  | ı           | V65                               | 1                      |  |
| MD-8,270/TVI 24 PRODUCTION INT   |              |                 | 247/TVD-8,054<br>TION-TOP, BOTTOM            |   |                                     | I   |             | yes<br>25 WAS DIREC               | CTIONAL                |  |
|  |              |                 |  | , | ,                                   |   |             | SURVEY N                          | MADE                   |  |
| Basin Dako   |              |                 |  |   |                                     |   |             | }                                 | YES                    |  |
| 26 TYPE ELECTRIC   |              | OGS RUN         |  |   |                                     |   | 27 WA       | S WELL CORED                      |                        |  |
| GR/CCL/C   | 3L.          |                 |  |   |                                     |   |             |                                   | No                     |  |
| 28   |              |                 |  | CASING RECORD                           |                                     |   |             | γ                                 |                        |  |
| 9 5/8", H-40   | DE WEIG      | 32.3#           | DEPTH SET (MD                                | ) HOLE SIZE                             |                                     | MENT, CEMENTING F<br>ace, 76 sx (122c       |             |                                   | MOUNT PULLED 5 bbls    |  |
| 3 3/0 , 11-40  |              | 32.3m           | 234  | 12 1/4                                  |                                     |   | Stage       |                                   | 3 0015                 |  |
| 7", J-55   | -            | 23#             | 3,733'                                       | 8 3/4"                                  |                                     | Surface, 472 sx (1003cf) S<br>Tool @ 3,125' |             |                                   | 62 bbis                |  |
| 4 1/2", L-80   |              | 11.6#           | 8,268'                                       | 6 1/4"                                  |                                     | 2,500', 329 sx (6                           | 62cf) *     |                                   | 02 0013                |  |
| 29   |              | LINER RE        | CORD   |   | 30                                  | ·   |             | JBING RECOR                       | D                      |  |
| SIZE TOP   | (MD) BO      | OTTOM (MD)      | SACKS CEMENT                                 | * SCREEN (MD)                           | SIZE                                |   | SET (MD)    | F                                 | ACKER SET (MD)         |  |
|  |              |                 |  |   | 2 3/8", 4.                          |   | 201         | ļ                                 |                        |  |
| 31 PERFORATION R   | CORD (Interv | al size and num | her)   | 32                                      | L-80                                | ID, SHOT, FRACT                             | 09'         | NT SOLIEEZE                       | ETC                    |  |
| Dakota w/ .34" di  |              |                 | •  |   | - 8,180'                            | I I I I I I I I I I I I I I I I I I I       | JIL, CLIVIL | INT OQULLEL                       | , 110                  |  |
| 46 Holes total   |              | <b>(</b>        |  | ,                                       |                                     | Acidize w/ 10 h                             | hls 15% !   | HCI Acid E                        | rac w/ 89,124 gal      |  |
| -  |              |                 |  |   | <b>I</b>                            |   |             | 149# 20/40 Brady Sand.            |                        |  |
|  |              |                 |  |   |                                     |   |             |                                   | RCVD OCT 25 '1         |  |
|  |              |                 |  |   |                                     | 1   |             |                                   | KUAD DOL TO T          |  |
|  |              |                 |  | <u> </u>                                |                                     |   |             |                                   |                        |  |
|  |              |                 |  |   |                                     | _   |             |                                   | UIL CUNS. DIV.         |  |
|  |              |                 |  |   |                                     |   |             |                                   | ATOT O                 |  |
|  |              |                 |  |   |                                     |   |             |                                   | DIST. 3                |  |
|  |              |                 |  | L                                       | PRODUCTION                          | J   |             |                                   |                        |  |
| DATE FIRST PRODUCT   | ION          |                 |  | wing, gas lift, pumping-                |                                     | nρ)   |             |                                   | (Producing or shut-in) |  |
| 9/26/11-0  |              |                 | WING ✓                                       |   |                                     |   |             | SI ✓                              |                        |  |
| DATE OF TEST   | HOURS        | S TESTED        | 1  | ROD'N FOR OIL-<br>EST PERIOD            | -BBL                                | GASMCF                                      | WAT<br>I    | ERBBL                             | GAS-OIL RATIO          |  |
| 10/3/11  | <b>'</b>     | 1               | 1/2"   |   | 0                                   | 36mcf/h                                     |             | 0                                 |                        |  |
| FLOW TUBING PRESS  | CASING       | G PRESSURE      | CALCULATED                                   | OILBBL                                  | GASMCF                              |   | RBBL        |                                   | OIL GRAVITY-API (CORR) |  |
|  | }            |                 | 24-HOUR RATE                                 |   | 1                                   | <b>√</b>                                    |             |                                   |                        |  |
| SI-985psi  |              | l-820psi        |  | 0 '                                     | 852mcf                              | /d  | 0           |                                   |                        |  |
| 34 DISPOSITION OF  |              |                 | ed, etc )                                    |   |                                     |   |             | TEST WITNESS                      | SED BY                 |  |
| 35 LIST OF ATTACH  |              | be sold         |  |   |                                     | - <u>-</u>                                  |             |                                   | ·                      |  |
| This is a Blanco   |              | e / Bacin Da    | ikota hoing con                              | amingled by DUC                         | Ordor # 2524                        | ۸7  |             |                                   |                        |  |
|  |              |                 |  | and correct as determi                  |                                     |   |             |                                   |                        |  |
| OO THETEDY CELLITY THE   |              | 1               | •  |   |                                     |   |             |                                   |                        |  |
| SO Thereby Certify the   | ر •          |                 |  |   |                                     |   |             | /                                 | 2 2/1/                 |  |
| SIGNED SIGNED  | nist/        | OULINE          | U TITLE                                      | ≣ Sta                                   | ff Regulatorv ⊺                     | echnicain                                   | DATE        | 1,000 mm 1.2                      |                        |  |
| A  | nist         | owne            | 4  |   | ff Regulatory T                     |   | DATE        | لمالك بأبور مورد ومستران وموجودات | EDIEU FUR HELDIKU      |  |
| SIGNED DI  | nist         | *(Se            | enstruction                                  | s and Spaces 1                          | for Additiona                       | I Data on Rev                               | erse Sid    | e)                                | EDIETHURIA-LURIT       |  |
| A  | ction 1001,  | *(Se            | enstructions                                 | s and Spaces t                          | for Additiona<br>d willfully to mak | I Data on Rev                               | erse Side   | e)                                | CT 2 4 2011            |  |

| API# 30-045-35217    |       |       | SAN JUAN 32-7 UNIT 8A  |                                   |       |
|----------------------|-------|-------|--|-----------------------------------|-------|
| Ojo Alamo            | 2418' | 2534' | White, cr-gr ss.   | Ojo Alamo                         | 2418' |
| Kirtland             | 2534' | 3173' | Gry sh interbedded w/tight, gry, fine-gr ss.   | Kirtland                          | 2534' |
| Fruitland            | 3173' | 3577' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.                     | Fruitland                         | 3173' |
| Pictured Cliffs      | 3577' | 3704' | Bn-Gry, fine grn, tight ss.  | Pic.Cliffs Lewis Huerfanito Bent. | 3577' |
| Lewis                | 3704' | 4324' | Shale w/siltstone stringers  | Lewis                             | 3704' |
| Huerfanito Bentonite | 4324' |       | White, waxy chalky bentonite   | Huerfanito Bent.                  | 4324' |
| Chacra               | 4534' | 5317' | Gry fn grn silty, glauconitic sd stone w/drk gry shale                                     | Chacra                            | 4534' |
| Mesa Verde           | 5317' | 5555' | Light gry, med-fine gr ss, carb sh & coal  | Mesa Verde                        | 5317' |
| Menefee              | 5555' | 5819' | Med-dark gry, fine gr ss, carb sh & coal   | Menefee                           | 5555' |
| Point Lookout        | 5819' | 6235' | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation             | Point Lookout                     | 5819' |
| Mancos               | 6235' | 7133' | Dark gry carb sh.  | Mancos Mancos                     | 6235' |
| Gallup               | 7133' | 7882' | Lt gry to brn caic carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh       | Gallup                            | 7133' |
| Greenhorn            | 7882' | 7938' | Highly calc gry sh w/thin lmst.  | Greenhorn                         | 7882' |
| Graneros             | 7938' | 8054' | Dk gry shale, fossil & carb w/pyrite incl.   | Graneros                          | 7938' |
| Dakota               | 8054' | 8270' | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks | Dakota                            | 8054' |
| Morrison             |       |       | Interbed grn, brn & red waxy sh & fine to coarse grn ss                                    | Morrison                          |       |

