Form 3160-4 (October 1990)

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

SUBMIT IN DUPLICATE\*

FOR APPROVED OMB NO. 1004-0137

| (OCLODER 1990)   |                    |             | 050                                     | _  |               | CTIC                    | _                           | 00                     |                       | structions on    |   |                      | . 1004-0131    |                |  |
|--|--------------------|-------------|---|--|---------------|-------------------------|-----------------------------|------------------------|-----------------------|------------------|---|----------------------|----------------|----------------|--|
|  |                    |             |   | DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT |               |                         |                             |                        |                       |                  | Expires: December 31, 1991  5. LEASE DESIGNATION AND SERIAL NO. |                      |                |                |  |
|  |                    |             | В                                       | UREAL  | J OF LAN      | ID MANA                 | GEMENT                      | rR                     | $\mathbf{F}(\cdot)$   | FIVEN            | 7   | MSF-078884           |                | - NO.          |  |
| WELL C   | OMPLI              | ETIO        | N OR E                                  | FCC  | MPLI          | TION                    | RFP(                        | ORT AND                | IOG                   | *                |   | IDIAN, ALLOTTEE      |                | AME            |  |
| 1a. TYPE OF  |                    |             | OIL                                     |  |               |                         |                             |                        |                       |                  | 111.  | . DA                 | # NON          | " 7030°        |  |
| IA. I TPE OF   | WELL:              |             | WELL                                    | w  | AS X          | DRY                     | Other                       | 7013_5                 | <u> EP</u> -          | 8 PM 2           | CHAC  | T AGREEMENT N        | AME            | M 78383        |  |
| b. TYPE OF   | COMPLET            | ON:         |   |  |               |                         |                             |                        |                       |                  |   | Conven Lesse         | 11-4           |                |  |
|  | NEW                | WORK        | DEEP-                                   | PI   | LUG           | DIFF. RESVR             | Other                       | DHC-0256               | zarm                  | inataa           | A FAF   | RM OR LEASE NAI      | ME, WELL NO    | ).             |  |
|  | MEIT               | OVER        |   | B  | ACK           | RESVR L                 |                             | 51.0 0200              |                       | ingon, i         |   | Canyon Largo         |                |                |  |
| 2. NAME OF   | OPERATO            | R           |   |  |               |                         |                             |                        |                       |                  |   | WELL NO.             | 0              |                |  |
|  | RLINGTO            |             | URCES C                                 | IL & G   | AS COM        | PANY                    |                             | 47 19 19               | 10/7                  | 10               |   | 30-039-20888         | 3              |                |  |
| 3. ADDRES  | S AND TEL          | EPHONE      | NO.                                     |  |               |                         |                             | A                      |                       | 193              | 10. FII   | ELD AND POOL, C      | R WILDCAT      |                |  |
| PO Box 4289, Farmington, NM 87499 (505) 326-9700  4. LOCATION OF WELL (Report location clearly and in accordance with any Stafe requirements)* 200 |                    |             |   |  |               |                         |                             |                        |                       | ~ (C)            | Otero Chacra/Basin Dakota                                       |                      |                |                |  |
|  |                    | (Report     | location cle                            | arly and   | d in accord   | ance with a             | ny Stafe                    | requirements)* [       | :003                  | - F3             | •   | C., T., R., M., OR   | BLOCK AND      | SURVEY         |  |
| At surface   | e                  | /90 F       | NL, 1140'F                              | EL,  |               |                         | - lec                       | ) Liver                | ·                     | 23               | ۱°  | R AREA               |                |                |  |
| At top pro   | od. interval n     | eported b   | elow                                    |  |               |                         | Jan.                        | ov com                 | (3. Di                | v. 53            |   |                      |                |                |  |
|  |                    | •           |   |  |               |                         | )tc                         | 2 DIS                  | 1.3                   | 23               | •   |                      | -              |                |  |
| At total de  | epth               |             |   |  |               |                         | <i>b'</i>                   | J. 2.0                 |                       | 23               | ]   | Sec. 14, T-25        | -N, R-6-W      | l              |  |
| /  |                    |             |   |  | 14.           | 4. PERMIT               | NO.                         | DATEJSSUE              | <u> </u>              | <del>~ ()}</del> | 12 C  | OUNTY OR             | 13. STATE      |                |  |
|  |                    |             |   |  |               |                         | NO.                         | 1 / 1                  | 28 30 31 1 V          |                  | 1   | PARISH               | 10. 31716      | •              |  |
|  |                    |             |   |  | ı             |                         |                             | 1 diam                 | مستعملتكم             |                  |   | Rio Arriba           | New Mex        | ico            |  |
| 15. DATE SPU   | IDDED 16.          | DATE T.     | D. REACHED                              | 1  | 7. DATE CO    | MPL. (Read              | ly to prod.)                |                        |                       | ATIONS (DF, RI   | KB, RT, B   | R, ETC.)*            | 19. ELEV. C    | ASINGHEAD      |  |
| 5-10-74  |                    | 5-28-       |   |  | 8-22          |                         |                             |                        |                       | 659' GR          |   |                      | <u> </u>       |                |  |
| 20. TOTAL DE   | PTH, MD &TV        | D           | 21. PLUG, B                             | ACK T.D.   | , MD &TVD     | 22. IF MU               | JLTIPLE CO                  |                        | 23. INTE              | RVALS<br>LED BY  | ROTAR   | Y TOOLS              | CABLE TOO      | LS             |  |
| 7228'  |                    |             | 7213'                                   |  |               | Ì                       |                             | 2                      |                       |                  | 0-722   | 8'                   | 1              |                |  |
| 24. PRODUCT  | ION INTERVA        | L (S) OF T  |   | TION-TO  | P, BOTTOM,    | NAME (MD                | AND TVD)*                   |                        |                       |                  | 10  | 25. WAS DIRECT       | TONAL          |                |  |
|  |                    |             | _                                       |  |               |                         |                             |                        |                       |                  |   | SURVEY MA            | DE             |                |  |
|  | 94' Chacra         |             |   | mingle   | w/Dakota      | <u> </u>                |                             |                        |                       |                  | 107 14/4/   | MELL CORES           |                |                |  |
| 26. TYPE ELEC  |                    | THER LOC    | 35 KUN                                  |  |               |                         |                             |                        |                       |                  | 27. WA  | No No                |                |                |  |
| 28.  |                    |             |   |  |               | CASING F                | RECORD                      | (Report all string:    | s set in v            | vell\            | Щ   |                      |                |                |  |
| CASING SIZ   | E/GRADE            | WEIGH       | T, LB./FT.                              | DEPT   | H SET (MD     |                         | E SIZE                      |                        |                       | MENTING RECO     | ORD   | A                    | MOUNT PULL     | ED             |  |
| 9 5/8"   | <del>}</del> I     | 32.3#       |   |  | 224'          |                         | 13 3/4"                     | 224 cu.ft.             |                       |                  |   |                      |                |                |  |
| 4 1/2"   | 4 1/2" < 11.6# & 1 |             |   | # 7228'  |               | 8 3/4"                  | 8 3/4" & 7 7/8" 1777 cu.ft. |                        |                       |                  |   |                      |                |                |  |
|  |                    |             |   |  |               |                         |                             |                        |                       |                  |   |                      |                |                |  |
|  |                    | L           | LINER RE                                | CORD   |               | _L                      |                             | -                      |                       |                  |   | BING RECORE          |                |                |  |
| 29.<br>SIZE TOP (MD)   |                    | BOTTOM (MD) |   | SACKS CEMENT*  |               | SCRE                    | EN (MD)                     | 30.<br>SIZE D          |                       | DEPTH SET        | DEPTH SET (MD)  |                      | ACKER SET (I   | MD)            |  |
| U.L.C  | GIZE TOT (MIC)     |             | , |  | NO OLIMEITI   |                         | CIV (IVID)                  | 2 3/8"                 | 7074'                 |                  | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,                         |                      | OKEN OF (      | ALLIC GET (MD) |  |
|  |                    |             |   |  |               |                         |                             | <u> </u>               |                       |                  |   |                      |                |                |  |
| 31 PERFORA   |                    |             |   |  |               | 32.                     |                             | ACI                    | D, SHOT               |                  |   | NT SQUEEZE,          |                |                |  |
| 3119, 3130,  |                    |             |   |  |               |                         |                             |                        |                       |                  | MOUNT AND KIND OF MATERIAL USED                                 |                      |                |                |  |
| 3584, 3586, 3588, 3593, 3603, 3610   |                    |             |   |  |               |                         | 3794'                       |                        | 200,000# 20/40 Arizor |                  |   | el, 1,256,400 SCF N2 |                |                |  |
| 3648, 3667, 3680, 3682, 3689, 3706, 3722<br>3794 w/25 0.33" diameter holes total   |                    |             |   |  | υ,            |                         |                             |                        | 200,000# 20/40 7/12   |                  |   | zona so              |                |                |  |
| 3134 W/23 U  | ulaine             | itel Hole.  | 3 (Otal                                 |  |               | ļ                       |                             |                        | <del> </del>          |                  |   |                      |                |                |  |
| 33.  |                    |             |   |  |               |                         |                             | RODUCTION              | <b>_</b>              |                  |   |                      |                |                |  |
| DATE FIRST PR  | ODUCTION           |             | PRODUC                                  | TION ME  |               |                         | pumping-si                  | ze and type of pump    | )                     |                  |   | WELL STATUS (        | Producing or s | shut-in )      |  |
| DATE OF TEST   |                    | luouse T    | ]                                       | CHOKE  | Flov          |                         |                             |                        |                       | 25               | 10.00   | SI                   | 10.000.00      |                |  |
| DATE OF TEST   |                    | HOURS T     | ESIED                                   | CHOKE  |               | ROD'N FÖR<br>EST PERIOD | OIL-E                       | SBL                    | GAS-M                 | iCF              | I   | R-BBL                | GAS-OIL RA     | ATIO .         |  |
| 8/22/03  |                    | 1           |   | 2"   | į-            |                         | -                           |                        | 235 M                 | CF/D Pitot G     |   |                      | 1              |                |  |
| FLOW. TUBING   | PRESS.             | CASING F    | PRESSURE                                | CALCU  | _             | OIL-BBL                 |                             | GASMCF                 |                       | WATER-BE         | 3L  |                      | OIL GRAVIT     | Y-API (CORR.)  |  |
| SI 600   |                    | SI 34       | 0                                       | 24-HOU   | RRATE         |                         |                             | 235 MCF/D              | - [                   |                  |   |                      |                |                |  |
| 34. DISPOSITI  | ION OF GAS (       |             |   | d, etc.)   |               |                         |                             | 1200 11101 72          |                       |                  |   | TEST WITNESSE        | DBY            |                |  |
|  |                    | To be       | sold                                    |  |               |                         |                             |                        |                       |                  |   | 1                    |                |                |  |
| 35. LIST OF A  | TTACHMENTS         | 5           |   |  | ******        |                         |                             |                        |                       |                  |   |                      | -              |                |  |
|  |                    | None        |   |  |               |                         |                             |                        |                       |                  |   |                      |                |                |  |
| 36. I hereby ce  | ertify that the fo | regoing an  | id attached info                        | ormation   | is complete a | and correct as          | s determine                 | d from all available r | ecords                | AC               | ·EDT:   | ח דסף                | -06-           |                |  |
| Ma Olita   |                    |             |   |  |               |                         |                             | MU                     | CEPTED FOR RECORD     |                  |   |                      |                |                |  |
| SIGNED Y Vancy Cllmanns TITLE Regulatory Supervisor  |                    |             |   |  |               |                         |                             |                        | DATE 9-8-03           |                  |   |                      |                |                |  |
|  | Ú                  |             | *(\$0                                   | e Inst   | ruction       | s and Sr                | naces f                     | or Additiona           | Data                  | on Revers        | SHI   | 311200               |                |                |  |
| Title 18 U.S.  | .C. Section        | 1001 n      | nakes it a d                            | crime fo   | or any pei    | son know                | ingly and                   | t willfully to ma      | ke to ar              | ny denairtme     | nt of ac  | iency of the         |                |                |  |
| United State   | es any false       | , fictitiou | ıs or fraudi                            | ulent st   | atements      | or repres               | sentation                   | s as to any ma         | itter with            | hin its jurishi  | HIHMG   | TON FIELDA           | FFICE          |                |  |
|  | -                  |             |   |  |               | •                       |                             | ,                      |                       | BY               |   |                      |                |                |  |

## INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see item 35.

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. liems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing

interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified,

for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| FORMATION | TOP | воттом | DESCRIPTION, CONTENTS, ETC. |   | ТОР  |                  |
|-----------|-----|--------|-----------------------------|---|--|------------------|
| 1         |     |        |                             | NAME  | MEAS. DEPTH  | TRUE VERT. DEPTH |
|           |     |        |                             | Pictured Cliff<br>Chacra<br>Mesa Verde<br>Point Lookout<br>Gallup | 2705<br>3556<br>4308<br>4893<br>5950<br>6846<br>6899<br>7040 |                  |
|           |     |        |                             |   |  |                  |
|           |     |        |                             |   |  |                  |

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