CONOCO NSL 4/14/98

Mid-Continent Region Exploration/Production

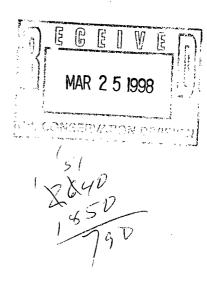
March 23, 1998

MVØ3.

Mr. Michael Stogner New Mexico Oil Conservation Division 2040 Pacheco Santa Fe, New Mexico 87504

RE: Application for Non-Standard Location

San Juan 28-7 Unit Well # 252 API # 30-039-21653 Rio Arriba County, NM Conoco Inc. 10 Desta Drive, Suite 100W Midland, TX 79705-4500 (915) 686-5400



.

Dear Mr. Stogner:

Conoco's 28-7 Unit Well # 252 is located 790' FNL & 1850' FWL of Section 32, T-28-N, R-7-W, Rio Arriba County, New Mexico. Because Section 32 is slightly irregular in size, this location is non-standard towards the interior centerline of Section 32 by 18'. Standard setback would be at least 790', the #252 is 771' from the centerline. Please note that this location does not encroach on the edge of the 28-7 unit, and that Conoco, Inc is the operator of all wells in the offset 320 acre proration units.

Conoco, Inc is in the process of recompleting the #252 to the Blanco Mesaverde. Conoco filed a NOI with the BLM to recomplete to the Mesaverde which was approved 1/30/98, an application to downhole commingle the Dakota and Mesaverde was also filed and approved by Administrative Order # DHC-1799. Conoco did not, however obtain an NSL for the Mesaverde. Since Section 32 appears to be a regular Section, and since 790' FNL and 1850' FWL would be a standard location in a "regular" Section; it was wrongly assumed that the well was at a standard location.

A copy of El Paos's application for a non-standard location as regards the Basin Dakota Pool is attached. A series of high cliffs in the northern half of the quarter section was cited as the reason for not being able to place the well at a standard location. Administrative Order # NSL-1051 and NSL -1058 (attached) was subsequently issued, approving El Paso's request.

Conoco was premature in performing the Mesaverde recompletion without obtaining approval for the pre-existing, non-standard location, and regrets this oversight. Conoco, Inc now respectfully requests that Administrative Order NSL – 1058 that was issued for the Dakota be amended to include the Mesaverde. This request is based on the following facts: the well is interior to the 28-7 unit, does not encroach on the unit edge, Conoco, Inc operates all wells in the offsetting proration units, and the fact that utilizing the existing wellbore to access Mesaverde reserves prevents economic waste.



Mid-Continent Region

Conoco Inc. 10 Desta Drive, Suite 100W Midland, TX 79705-4500 (915) 686-5400

2

If there are any further questions regarding this request please call me at (915) 686-5798.

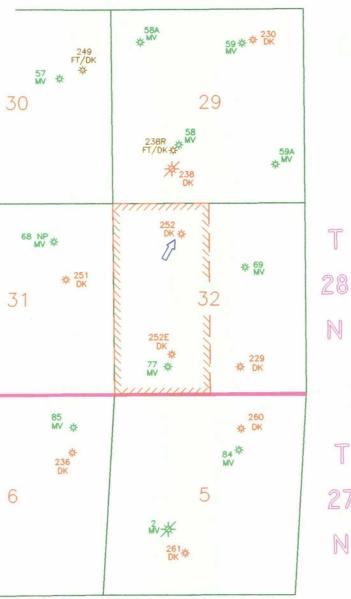
Sincerely Yours,

Kay Madder

Kay Maddox Regulatory Agent

Km/ Cc: Oil Conservation Division - Aztec





SAN JUAN 28-7 UNIT RIO ARRIBA CO., N.M.

T

T

27

N

| NOTES | | CONOCO EPNO MIDLAND | | | | |
|---|--|---|-----------|--|--|--|
| NOTE: LOCATION IS NON-STANDARD TOWARDS AN INTERIOR UNIT LINE. CONOCO OPERATES ALL WELLS IN SJ 28-7 UNIT. REQUEST MODIFICATION OF NSL-1058. (ISSUED FOR BASIN DAKOTA) TO INCLUDE BLANCO MESAVERDE. | DATE: 03/20/98 | CONOCO 28-7 UNIT | | | | |
| | DRAWN BY: GLG | MESAVERDE & DAKOTA | PRODUCERS | | | |
| | CHECKED BY: | San Juan 28—7 Unit #252 Non—Standard Location | | | | |
| | APPROVED BY: | API STATE COUNTY WELL | DRAWING | | | |
| | SCALE: 1" = 2640' | 30 \ 039 \ 21653 | 28-7_252 | | | |
| | STATE PLANE COORDINATES REFERRED TO NAD27 - N.M. WEST STATE PLANE COORDINATES ZONE - 3003 | CONOCO INC. OFFICE 10 DESTA DRIVE WEST MIDLAND, TEXAS 79705 | | | | |

District I PO Box 1980, Hobbs. NM 88241-1980

District II PO Drawer DD, Artesia, NM 88211-0719

District III 1000 Rio Brazos Rd. Aztec, NM 87410

District IV PO Box 2088, Santa Fe. NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

, . ·

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Revised February 21, 1994 instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

| | | W | ELL LO | CATION | AND ACH | REAGE DEDI | CATION PL | AT | | | |
|-------------------|-----------|-----------------|---------------|------------|---------------|------------------|--------------------------|-------------|----------|---|--|
| AF | PI Numbe | er | | 2 Pool C | ode | | 3 Pool Nam | 3 Pool Name | | | |
| 30- | 039-216 | 53 | | 72319 | | | Blanco Mes | averde | | | |
| 4 Property I | Code | | | | 5 Prope | rty Name | | | 6 We | ll Number | |
| 01660 | | | | | San Juan 2 | 8-7 Unit | | 252 | | | |
| 7 OGRID No. | . | | | | - | ator Name | | | 9 E I | evation | |
| 00507: | 3 | Cor | loco Inc., | 10 Desta | | 00W, Midland, T | X 79705-4500 |) | 6 | 6036' GL | |
| | | | | | 10 Surface | e Location | | | | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/We | estline | County | |
| С | 32 | 28N | 7W | | 790 | North | 1850 | W | est | Rio Arriba | |
| | | | 11 Bo | ttom Ho | le Location | If Different Fr | om Surface | | | | |
| UL or lat no. | Section | Township | o Range | Lot Idn | Feet from the | North/South line | Feet from the | East/We | est line | County | |
| | | | | | | | | | | | |
| 12 Dedicated Acre | s 13 Join | nt or Infil 1 | 4 Consolidati | on Code 15 | Order No. | | | | | | |
| 315.36 | | | | | | | | | | | |
| NO ALLO | WABLE | | | | | ION UNTIL ALL | | | EN CON | SOLIDATED | |
| ****** | | OR A Changer | | ANDARD | UNIT HAS E | EEN APPROVEI | | | | | |
| 8 ⁶ | | | - | ŧ | | | 17 OPE | RATOF | R CERT | IFICATION | |
| E | | | 2 | I | | | 41 · | • | | contained herein is nowledge and belief | |
| | | | V | ŧ | | | | | | | |
| 185 | ·0′ | \rightarrow | 0 | Ī | | | | 7 | | | |
| | • | | | Ŧ | | | | | . 1 | | |
| <u> </u> | | ļ | | | | | - An | 11 1 | Vlada | al | |
| 185 | | { | | ŧ | | | Signature | 1 | (| <u></u> | |
| E | | | | ŧ | | | Printed Nam | | y Maddo | x | |
| | | | | Ē | | | | | atory Ag | ent | |
| E. | | | | Ē | | | Title | | | 100 | |
| | | | | Ŧ | | | | ma | ry le | , 70 | |
| | | | | <u></u> ‡ | | | Date | | V | | |
| Ε | | | | ŧ | | | 18'SUR | VEYO | RCERI | TIFICATION | |
| | | | | I | | | 11 | | | n shown on this plat | |
| E | | Ì | | ŧ | | | | | | l surveys made by me he same is true and | |
| | | | | Ŧ | | | correct to th | e bestofmy | belief. | | |
| | | · | | Ŧ | | | | · | ····· | | |
| E | | | | <u></u> | | | Date of Surv | • | | | |
| 9 | | | | I | | \bigcirc | Signature ar | N JEAL VI P | 06220181 | Juiveyui, | |
| | | 3 | | 37. | ŶЛ | 37.88 | | | | | |
| 37.64 | 1 | 37.7 | Z | | | 37.00 | | | | | |
| Ŧ | | | | | | | | | | | |
| (J 37.64 | | | | | | | | | | | |
| | | | | | | | Certificate | | | | |
| ~~~~ | ******** | FT | | | | | 77.64 11.72 155.36 | و ب ا | ĵ.36 | | |
| | | | | | | | 11.22 | 16 | | , | |
| | | | | | | | 130 | , | 536 | | |
| | | | | | | | 122- | - 31 | - e - | | |

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

June 26, 1979

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

GOVERNOR LARRY KEHOE SECRETARY

BRUCE KING

El Paso Natural Gas Company P. O. Box 990 Farmington, New Mexico 87401

Attention: L. A. Aimes

Administrative Order NSL-1051

Gentlemen:

Reference is made to your application for a non-standard location for your San Juan 28-7 Unit Well No. 252 to be located 790 feet from the North line and 1850 feet from the West line of Section 32, Township 28 North, Range 7 West, NMPM, Basin-Dakota Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670-V of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

truly yours YOE D. RAMEY. Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec Oil & Gas Engineering Committee - Hobbs U. S. Geological Survey - Farmington STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR LARRY KEHOE

July 26, 1979

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

El Paso Natural Gas Company P. O. Box 990 Farmington, New Mexico 87401

(

Attention: L. A. Aimes

Administrative Order NSL-1058

Gentlemen:

Reference is made to your application for a nonstandard location for your San Juan 28-7 Unit Well No. 252 to be located 790 feet from the North line and 1850 feet from the West line of Section 32, Township 28 North, Range 7 West, NMPM, Basin Dakota Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670-V, the above-described unorthodox location is hereby approved.

Very truly yours JOE D. RAMEY Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec Oil & Gas Engineering Committee - Hobbs U. S. Geological Survey - Farmington

| . ` | • • • | |
|-----|-------|--|

16

•

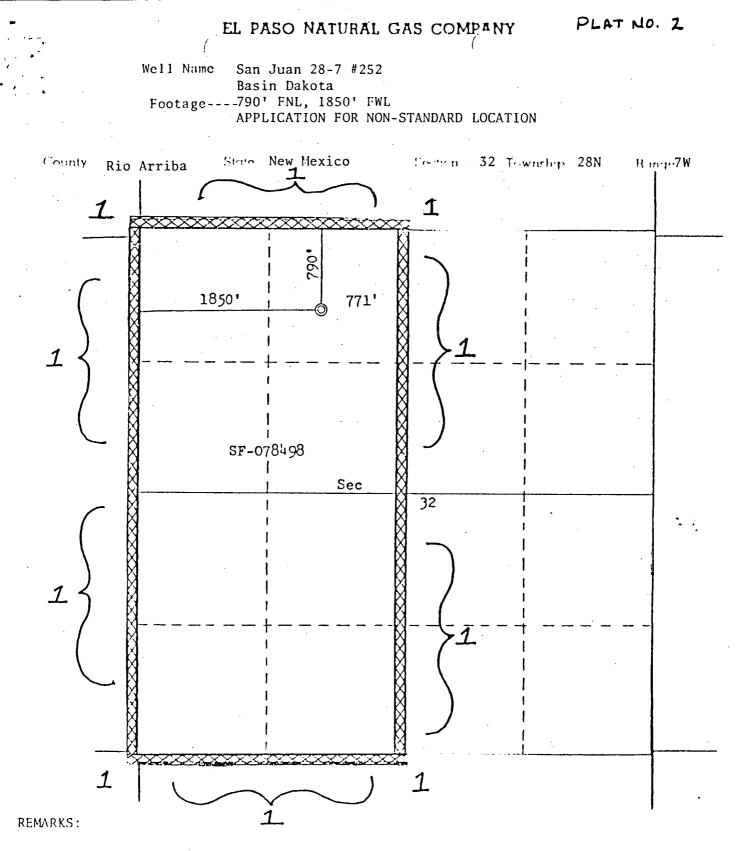
N MEXICO OIL CONSERVATION COMMIS WE LOCATION AND ACREAGE DEDICATION ALAT

.

...

PLAT NO. 1 Form C-102 Supersedes C-128 Effective 1-1-65

| WE | LOCATION A | AND ACREAGE DEDIC | ATION /LAT | Supersedes C-128 Effective 1-1-65 |
|--|--|-----------------------------|--------------------------|--------------------------------------|
| * • | All distances must be | from the outer boundaries o | f the Section. | |
| Operator | | Lease | (0) | Well No. |
| El Paso Natural Cas Compa | | San Juan 28- | <u>7 Unit (SF-078498</u> | 8) 252 |
| | ownship | Range | County | |
| C 32 Actual Footage Location of Well: | 28N | 7₩ | <u>Rio Arriba</u> | |
| | 1 | 3.0.40 | | |
| 790 feet from the Nort Ground Level Elev. Producing Format | the second s | <u>1 1850 fe</u> | et from the West | line Dedicated Acreage; |
| 6036 Dakota | | Basin I | Dakota | 315.36 Acres |
| 1. Outline the acreage dedicated | to the subject v | vell by colored pencil | or hachure marks on t | he plat below. |
| If more than one lease is de interest and royalty). | dicated to the we | ell, outline each and id | entify the ownership t | hereof (both as to working |
| 3. If more than one lease of diffe dated by communitization, unit | | | , have the interests of | f all owners been consoli- |
| Yes No If answ | ver is "yes," type | of consolidation | Unitization | |
| If answer is "no," list the own this form if necessary.) | ners and tract des | criptions which have a | actually been consolid | ated. (Use reverse side of |
| No allowable will be assigned | to the well until a | ll interests have been | consolidated (by con | munitization unitization |
| | | | | |
| forced-pooling, or otherwise) or sion. NOTE: THIS PLAT | REISSUED TO SI | HOW TERRAIN FOR U | NORTHODOX LOCATI | ION: 6-13-79 |
| | | | | · |
| S = Man | X | | | CERTIFICATION |
| | × | | | |
| | $\langle X \rangle$ | 1 | | certify that the information con- |
| X = 1850' 111 - 111 7 | | t | | erein is true and complete to the |
| | Non X | I | best of m | ny knowledge and belief. |
| | | | all all | Duces |
| North Maria | | ł | Name | |
| alling and a second and a second and a second and a second a secon | - <u> </u> | | Drilli | ng Clerk |
| a the second and the second se | | | Position | |
| | | 1 | El Pas | o Natural Gas Co. |
| | | l | Company | |
| | = 0 | | June 2 | 1, 1979 |
| SF-078498 | | | Date | |
| | KA . | | | - - |
| ۲۳۰۹۱۱ ۲۰۱۰ ۲۰۱۰ ۲۰۱۰ ۲۰۱۰ ۲۰۱۰ ۲۰۱۰ ۲۰۱۰ | | | | |
| | 32 | | | |
| | Ø | 1 | I hereby | certify that the well location |
| | M | | | this plat was plotted from field |
| | X | 1 | | actual surveys made by me or |
| X I | Ka 🛛 | • | 11 * | supervision, and that the same |
| | Ø | · • | is true o | and correct to the best of my |
| M ł | Ø | ĺ | knowledg | e and belief. |
| × | | | | |
| | M . | | .]] | |
| X ! | K) | | Date Survey | |
| Ka ! | Ø | | | ber 27, 1977 |
| | X | 1 | Registered and/or Lan | Professional Engineer |
| × i | KX | 1 | | The Aller |
| | i Ka | ł | | B. Kerr Jr. |
| | <u></u> | | Certificate | |
| C 330 665 90 1320 1650 1980 | 2310 2540 200 | 00 1200 1000 | soo o 3950 | Stranger Stranger |
| | | | · _ · | |



(1) El Paso Natural Gas Company

U

xc: Mr. C. E. Matthews Mr. W. D. Dawson Mr. L. A. Aimes



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

June 26, 1979

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

GOVERNOR LARRY KEHDE SECRETARY

BRUCE KING

El Paso Natural Gas Company P. O. Box 990 Farmington, New Mexico 87401

Attention: L. A. Aimes

Administrative Order NSL-1051

Gentlemen:

Reference is made to your application for a non-standard location for your San Juan 28-7 Unit Well No. 252 to be located 790 feet from the North line and 1850 feet from the West line of Section 32, Township 28 North, Range 7 West, NMPM, Basin-Dakota Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670-V of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Very truly yours,

JOE D. RAMEY, Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs
U. S. Geological Survey - Farmington

STATE OF NEW MEXICO FNFRGY AND MINERALS DEPARTMENT **OIL CONSERVATION DIVISION**

BRUCE KING GOVERNOR

LARRY KEHOE SECRETARY

July 26, 1979

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

El Paso Natural Gas Company P. O. Box 990 Farmington, New Mexico 87401

Attention: L. A. Aimes

Administrative Order NSL-1058

Gentlemen:

Reference is made to your application for a nonstandard location for your San Juan 28-7 Unit Well No. 252 to be located 790 feet from the North line and 1850 feet from the West line of Section 32, Township 28 North, Range 7 West, NMPM, Basin Dakota Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670-V, the above-described unorthodox location is hereby approved.

Very truly yours,

JOE D. RAMEY, Director

JDR/RLS/dr

Oil Conservation Division - Aztec cc: Oil & Gas Engineering Committee - Hobbs U. S. Geological Survey - Farmington

ADMINISTRATIVE ORDER DHC-1799

Conoco Inc. 10 Desta Drive Suite 100W Midland, Texas 79705-4500

Attention: Ms. Kay Maddox

San Juan 28-7 Unit No. 252 API No. 30-039-21653 Unit C, Section 32, Township 28 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Blanco-Mesaverde (Prorated Gas - 72319) and Basin-Dakota (Prorated Gas - 71599) Pools

Dear Ms. Maddox:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Production from the subject well shall be allocated as follows:

Gas and oil production from the Basin-Dakota Gas Pool shall be determined utilizing the mid-year average production forecast submitted by the applicant as an attachment to the downhole commingling application. Gas and oil production from the Blanco-Mesaverde Gas Pool shall be determined by subtracting Basin-Dakota Gas Pool production from the well's total monthly oil and gas production.

Administrative Order DHC-1799 Conoco Inc. February 24, 1998 Page 2

The allocation method established herein may be altered at some time subsequent to initiating downhole commingling operations upon request by the operator and for good cause shown.

REMARKS: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.H., the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 24th day of February, 1998.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

ori Wrotenber **ĹORI WROTENBERY**

and the statistical of the second

LORI WROTENBERY Director

SEAL

LW/DRC

cc: Oil Conservation Division - Aztec Bureau of Land Management-Farmington

| 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | |
|--|---|---|----------------------|---|
| · · · · · · · · · · · · · · · · · · · | / | / | | |
| | UNITED STATES PARTMENT OF THE INT EAU OF LAND MANAG | EMENT ACU | DETVEN Stak | FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 3 1 ,1993 5. Lease Designation and Seriai No. |
| Do not use this form for propo | IOTICES AND REPORT sals to drill or to deepen ATION FOR PERMIT—" fi | S ON WELLS | | SF 078498A - 6. If Indian, Allonce or Tribe Name) |
| | SUBMIT IN TRIPLICA | TE 070 FARM | MAGTON, NA | a 7. If Unit or CA, Agreement Designation |
| 1. Type of Well Oil Gas Well Other | | | | 8. Well Name and No. |
| 2. Name of Operator | | | | San Juan 28-7 # 252 |
| CONOCO INC 3. Address and Telephone No. | · | | | 9. API Well No. 30-039-21653 |
| 10 DESTA DR. STE. 100W, | | 00 (915) 686-5424 | | 10. Field and Pool, or Exploratory Area |
| 4. Location of W ell (Footage, Sec., T. R. M. | or Survey Description) Section 32, T-28-N, R-7- | w | | Blanco Mesaverde, Basin Dako |
| | 790' FNL & 1850' FWL | | | |
| | | · · · · · · · · · · · · · · · · · · · | | Rio Arriba |
| CHECK APPROPRIA | TE BOX(s) TO INDICA | LE NATURE OF NOT | ICE, REPOR | T, OR OTHER DATA |
| | | ТҮР | E OF ACTION | |
| Notice of Intent | | Abandonment | | Change of Plans |
| Subsequent Repon | | Plugging Back | | New Construction |
| | | Casing Repair | | Water Shut-Off |
| Final Abandonment Notice | | Altering Casing | | Conversion to Injection |
| | | Other | | Dispose Water INole: Reportesuitsof multiplecompitiononW Completion or Recompletion Report and Log form |
| This well will be recompleted to | b the Mesaverde using the a D | - | | EGEIVED FEB - 3 1953 L GON. DIV. |
| | الله downhole comming | CON, DN DISE 3 led in this well upon appr | | |
| 14. I hereby certify that the foregoing is true in Signed | ddv/Title | Cay Maddox Regulatory Agent | | Daifan 24 18 |
| (This space for Feddrai of Stare office used Approved by Conditions of approval if any: | Title | | | JAN 30 1998 |
| BLM(6), NMOCD(1), SHEAR, PONCA, | COST ASST, FILE ROOM | | | |
| Title 18 U.S.C. Section 1001, makes it a crime f or representations as to any matter within its jun | sdiction. | | ency of the United S | States any false, fictitious or fraudulent stater |
| | *See instr | ruction on Reverse Side | | |

.

NMOCD

١

E

San Juan 28-7 Unit #252 Mesaverde Recompletion Procedure

- 1. Hold safety meeting. MIRU workover unit. If necessary, kill well with a minimum of 1 % KCl. NU BOP and POOH w/ production string.
- 2. RU wireline unit and RIH w/ Composite bridge plug. Set plug at +/- 5500' and test casing to 3,000 psi.
- 3. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to attached log section and perforate the following depths:

A. If necessary, pressure up on casing to 3000 psi prior to firing guns.

Lower Point Lookout

2.

4985', 5006', 63', 66', 81', 5122', 26', 31', 95', & 97'

Total: 10 shots.

- Break down perfs using 500 gallons 15% HCl and 50% excess 1.1 sg balls (15) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure.
 DO NOT EXCEED 3000 PSI
- 5. Surge balls off perforations.
- 6. RIH w/ Composite bridge plug on wireline and set at 4975'. Test casing to 3000 psi.
- 7. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to the attached log and perforate the following depths:

A. If necessary, spot 15% HCl from 4850' to 4800' using a dump bailer.

B. If necessary, pressure up on casing to 3000 psi prior to firing guns.

Upper Point Lookout

4723', 38', 54', 83', 94', 99', 4804', 06', 09', 16', 19', 25', 31', 33', 37', 39', 49', 52', 55', 59', 69, 72', 75', 84', 89', 4891', 4905', 15', 18', 39', 46', & 51'

Total: 32 shots. (If necessary, drop 4723', 38', 54', & 83' perfs)

San Juan 28-7 Unit #252 Mesaverde Recompletion Procedure

- Break down perfs using 500 gallons acid and 50% excess 1.1 sg balls (48) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure.
 DO NOT EXCEED 3000 PSI
- 10. Retrieve balls using wireline catcher. Check to determine # of hits. If less than 80% (25), re-acidize. Prep to frac.
- 11. Frac per attached schedule. Retain frac equipment.
- 12. RIH w/ Composite bridge plug on wireline and set at 4700'. Test casing to 3000 psi.
- 13. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to the attached log and perforate the following depths:
 - A. If necessary, spot 15% HCl from 4600' to 4550' using a dump bailer.
 - B. If necessary, pressure up on casing to 3000 psi prior to firing guns.

Menefee

4409', 11', 33', 35', 47', 49', 67', 69', 87', 93', 4503', 05', 07', 09', 21', 23', 53', 55', 92', 94', 96', 98', 4643', & 45'

Total: 24 shots.

- Break down perfs using 500 gallons acid and 50% excess 1.1 sg balls (36) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure.
 DO NOT EXCEED 3000 PSI
- 15. Retrieve balls using wireline catcher. Check to determine # of hits. If less than 80% (19), re-acidize. Prep to frac.
- 16. Frac per attached schedule. Leave frac equipment on location.
- 17. RIH w/ Composite bridge plug on wireline and set at 4370'. Test casing to 3000 psi.

San Juan 28-7 Unit #252 Mesaverde Recompletion Procedure

MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to the attached log and perforate the following depths:

A. If necessary, spot 15% HCl from 4340' to 4290' using a dump bailer.

B. If necessary, pressure up on casing to 3000 psi prior to firing guns.

Cliffhouse

4239', 41', 76', 79', 82', 85', 88', 91', 94', 97', 4300', 13', 15', 18', 21', 24', 27', 30', 33', 36', & 39'

Total: 21 shots.

Break down perfs using 500 gallons acid and 50% excess 1.1 sg balls (32) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure.
 DO NOT EXCEED 3000 PSI

- 20. Retrieve balls using wireline catcher. Check to determine # of hits. If less than 80% (17), re-acidize. Prep to frac.
- 21. Frac per attached schedule. Clean location and release frac equipment.
- 22. RU compressors and drill out bridge plugs w/ gas. Clean out well to PBTD (7055') Jet well w/ gas until well will flow on its own. Drywatch as necessary.
- PU & RIH w/ 2 3/8" production string. Land SN at +/- 6990'. ND BOP and NU wellhead.
- 19. Record and notify necessary personnel for regulatory and gas allocation purposes.

5

20. RDMO workover unit.

21. Thank You.

Prepared by:

Randy B. Herring, Production Engineer

18.

Form C-102

1980. Hobbs. NM 88241-1980

Drawer DD, Artesia, NM 88211-0719

District III 1000 Rio Brazos Rd. Aztec, NM 87410

District IV PO Box 2088, Santa Fe. NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe. NM 87504-2088 Revised February 21, 1994 instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

• - :

| | | WE | ELL LOO | CATI | ON | AND ACR | EAGE DEDIC | CAT | ION PL. | AT | | |
|------------------|-----------|--|---------------|-------------|----------|----------------|----------------------|-------------|-----------------------------|----------------|-------------|-----------------------|
| A | PI Numbe | r | | 2 Pool Code | | | | 3 Pool Name | | | | |
| 30 | -039-216 | 53 | | 723 | 319 | | | Ē | Blanco Mesaverde | | | |
| 4 Property | Code | ······································ | • | | | 5 Propert | y Name 6 Well Number | | | | ll Number | |
| 01660 | 8 | | | | | San Juan 28 | -7 Unit | | | | | 252 . |
| 7 OGRID NO |). | | | | _ | 8 Operat | tor Name | | | | 9 E I | evation |
| 00507 | 3 | Сол | oco Inc., | 10 De | esta | Drive, Ste. 10 | 0W, Midland, T | X 79 | 705-4500 | | e | 5036' GL |
| | | | | | | 10 Surface | Location | • | | | | |
| UL or latina. | Section | Township | Range | Lotid | 0 | Feet from the | North/South line | Fe | at from the | East/We | stine | County |
| c · | 32 | 28N | 7W | ļ | | 790 | Nonh | | 1850 | w | est | Rio Arriba |
| L | | | 11 Bo | ttom | Hol | | f Different Fro | om (| | | | 1 |
| ULariatio | Section | Township | | Lot Id | | Feet from the | North/South line | _ | et from the | East/We | ist line | County |
| | | 1 | | | | | | | | | • | |
| 12 Dedicates Acr | s 13 Joir | ni or infii 1 | 4 Consolidati | on Code | 15 (| Order No. | L | | | 1_ <u></u> | | -1 |
| 315.36 | | | | | | | | | | | | |
| NO ALLC | WABLE | | | | | | ON UNTIL ALL | | | | EN CON | SOLIDATED |
| | ******** | | NON-ST | | \RD | UNIT HAS BE | EEN APPROVEI | BY | THE DIV | ISION | | |
| 6 | |] | | | | | | | 17 OPE | RATOF | R CERT | IFICATION |
| E | | | 2 | 1000 | | | | | | • | | contained herein is |
| | | | \mathbf{V} | | | | | | true and com | piete to the t | est of my K | nowledge and belief |
| | 50' | ├ ──→ | 0 | | | | | [| Į | | | |
| E (8) | 50 | | | | | | | | | / | | |
| E | | | | Ŧ | | | | | (K) | 11 | Made | tal . |
| E | | 1 | | | | | | | Signature | Y | (| |
| | | | | | | | | | | | y Maddo | x |
| E | | | | - | | | | | Printed Nam | | | |
| | | | | Ē | | · · | | | Tile / | Kegu | latory A | 1 - |
| Ē | | 1 | | Ŧ | | | • | | $ $ $ $ $ $ $ $ $ $ $ $ $ $ | ma | ry C | , '98 |
| | | | | Ŧ | | | | | Date | | 1 | , |
| | | 1 | · · · · · | Ē | <u> </u> | | | 1 | 18 SUR | VEYO | R CER | TIFICATION |
| E | | | | Ŧ | | · . | , | · | I hereby cer | ufy that the | well locaii | on shawn on this plat |
| Ē | | | | Ē | | | | | 1 | | | al surveys made by me |
| | | | | Ŧ | D |)ece | | | correct to th | | | the same is true and |
| E | | | | I | | \ | | | | | | |
| E | | | | | - • | FEB 1 | 1998 | | Date of Sur | - | | |
| | · | | | | 6 | 100 660 | 0.15.7 | | Signature a | nd Seal of F | rofessional | Surveyor: |
| Ē | | | | | U | | | | | | | |
| Ē | | 1 | | | | DUC | 3 | | | | | |
| Ŧ | | | | | | · | | | | | | |
| Ŧ | · . | | | | | | <u>.</u> . | | | | | |
| Ŧ | | | | Ĩ | | | | | Certificate | Number | | |

| | m 3160-5 ne 1990) | | | OPY. | FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 |
|----|---------------------------|--|-------------------------------------|---------------------------------------|--|
| | | BUREAU OF LAND MANAG | EMENT | RECEIVED | 5. LEASE DESIGNATION AND SERIAL NO. SF-078498A |
| | | SUNDRY NOTICES AND REI | PORTS ON W | ELLS BLM | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| | Do not use | this form for proposals to drill or to de | epen or reentry | to a different reservoir. | |
| | | Use "APPLICATION FOR PERMI | T-" for such pro | posals | 18 |
| | | SUBMIT IN TRIPL | ICATE | 070 FARMINGTON, | |
| 1. | TYPE OF WE | | | | 8. WELL NAME AND NO. |
| | OIL WELL | GAS WELL OTHER | : | | San Juan 28-7 Unit #252 |
| 2. | NAME OF OP | | | | 9. API WELL NO. |
| | CONOCC | and the second | | | 30-039-21653 |
| 3. | | ND TELEPHONE NO. | 70705 4500 | 1045 000 5404 | 10. FIELD AND POOL, OR EXPLORATORY AREA |
| | | Drive, Ste. 100W Midland, Texas | | (915-686-5424) | |
| 4. | | FWELL (Footage, Sec., T., R., M., or Survey Des | | | 11. COUNTY OR PARISH, STATE |
| | | - 1850' FWL SEC. 32 T28N-R07V | | · · · · · · · · · · · · · · · · · · · | RIO ARRIBA, NM |
| 12 | | CHECK APPROPRIATE BOX(s) | | NATURE OF NOTICE, | REPORT, OR OTHER DATA |
| | | TYPE OF SUBMISSION | | ТҮРЕ | OF ACTION |
| | | otice of Intent | Aban | donment | Change of Plans |
| | | ubsequent Report | Reco | mpletion | New Construction |
| | | • • • • • • | | jing Back | Non-Routine Fracturing |
| | 🗌 Fi | nal Abandonment Notice | Casir | ng Repair | Water Shut-Off |
| | | PEVEVE | Alteri | ng Casing | Conversion to Injection |
| | | UL DEC - 1 1997 | 🛛 🛛 Othe | r: Change tubing & test c | asing, 🔲 Dispose Water |
| | | | | reperf Dakota | (Note: Report results of multiple completion on Well Completion Recompletion Report and Log Form.) |
| 13 | 3. Describe Pro | posed or Completed Operations (Clearly state all r | ertinent details, and | give pertinent dates, including est | imated date of starting any proposed work. If well is |
| | directionally of 11/03/97 | Irilled, give subsultace locations and measured an MIRU spot equipment. 3 | d true vertical depth: | s for all markers and zones pertine | nt to this work.) |
| | 11/04/97 | | ubing @ 1700', i | replaced one joint, tested st | a 2-3/8" tubing, load tubing, TOOH looking for ring to 800# OK, reland tubing @ 6994' w/ SN or ed to 6000', SDON. |
| | 11/05/97 | | DK perf) PU 1 jt | set PKR test plug to 1000# | JBOP, TOOH w/ tbg, TIH w/ Halliburton RBP & OK, REL PKR test casing from 6646' to surface |
| | 11/06/97 | Continue swabbing, swab FL to 6200', 6920, 47, 53, 59, 79, 86, 99, 7018, 7042 | | · · · · | rate DK zone w/ 13 holes @ 6828', 34, 40, 46, |
| | 11/07/97 | SV, test tubing & PKR to 2500# ok, Rel | PKR, spot acid t BJ, Ret SV from | o end of tbg, PU & set acros | at line to 3500# ok, set PKR in blank pipe drop ss each perforation in 12 sets, BD each perf w/ 1 w/ 2-3/8" SN & tbg to 6995', RU to swab, fluid |
| | 11/10/97 | | | | evel @ 5800', swab to 6600', slight gas flow up ach run, recovered 15 bbls total today, SDON. |
| | 11/11/97 | 360# csg, 80#, flow tbg to rig pit died i 1/2" choke flowed 1 hr died, cont swabb | | | 00', made 1 swab run kicked off well flow thru pricator, NDBOP, NUWH, RDMO. |
| 1 | 4. I hereby cert | fy that the foregoing is true and correct | | | |
| | 000055 | Debes Brinitial | 1 | | AUGETILD I UN ILCOND |
| | SIGNED | Much in I will work | | LE As Agent for Conoco Inc. | |
| | (This space | for Federal or State office use) | | | NOV 26 1997 |
| | APPROVE | | TIT | LE | DATE |
| | Conditions | of approval, if any: | | | FARMINGTON DISTRICT OFFICE |
| | | | | | |

| Form 3160-5 (June 1990) | UNITED STATES DEPARTMENT OF THE IN | | COF | | FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 |
|----------------------------|---|--|--|----------------------------|---|
| | BUREAU OF LAND MANAGE | MENT | RECEIVED | | SE DESIGNATION AND SERIAL NO. -078498A |
| <u></u> | SUNDRY NOTICES AND REP | ORTS ON W | ELLS | 6. IF IN | IDIAN, ALLOTTEE OR TRIBE NAME |
| Do not use | e this form for proposals to drill or to dee | pen or reentry | to a different teservoid. | | |
| | Use "APPLICATION FOR PERMI | T-" for such prop | posals | | |
| <u>,</u> | SUBMIT IN TRIPL | ICATE 070 | FARMINGTON, NM | 7. IF U | NIT OR CA, AGREEMENT DESIGNATION |
| TYPE OF W | ELL | | | 8. WEI | L NAME AND NO. |
| OIL WELL | | <u></u> | | | n Juan 28-7 Unit #252 |
| 2. NAME OF O | | | | | WELL NO. |
| CONOC | | - <u></u> | · · · · · · · · · · · · · · · · · · · | | -039-21653 |
| | AND TELEPHONE NO. | 70705 4500 | | 1 | |
| | a Drive, Ste. 100W Midland, Texas OF WELL (Footage, Sec., T., R., M., or Survey Desc | | (915-686-5424) | | ANCO MV/DAKOTA |
| | - 1850' FWL SEC. 32 T28N-R07W | | | | DARRIBA, NM |
| | | · | | | |
| 12. | CHECK APPROPRIATE BOX(s) | | | | · |
| | TYPE OF SUBMISSION | | TYP | E OF ACTIO | DN |
| | Notice of Intent S C C S N/E | 🖄 🗍 Aban | donment | ſ | Change of Plans |
| | | Reco | mpletion | ĺ | New Construction |
| | Subsequent Report | | ing Back | [| Non-Routine Fracturing |
| ı 🗋 ا | Final Abandonment Notice | | ng Repair | [| Water Shut-Off |
| | | | ng Casing | [| Conversion to Injection |
| | UNU States | | r: Change tubing & test | casing [| Dispose Water |
| | | | | | Note: Report results of multiple completion on Well Complet Recompletion Report and Log Form.) |
| | roposed or Completed Operations (Clearly state all p | | | | |
| ļ | drilled, give subsurface locations and measured and | | | | |
| 8/02/97 | MIRU Big 'A' rig #10, set Auxilliary Equip NU BOP. Unset tbg hanger, rubber sea 1.78" ID SN, pulled last 16-stands wet. well and secure for night. | I rings cut. TIH & | & tag PBTD @ 7024', 31' | of fill. TOOI | -l w/ 230-Jts 2-2/3" 4.7# J-55 tbg & |
| 8/04/97 | SICP=180#, bled well to tank. TIH w/ ba 7024' to PBTD @ 7055'. TOOH w/ baile tbg to 6901' (SD 30-Mins for Lightning). tag FL @ 6000', swabbed dry in 2-runs. fluid in 3-hrs. SI well and secured for ni | er and tbg, recover Install tbg hange SD for 1-hr, RII | ered frac sand. TIH w/ 1/ er. ND BOP. Install WH. | 78" ID SN or RU to swat | n 226-Jts of 2-3/8" 4.7# J-55 8rd EU 5. Tag FL @ 6000', made 3-swab a |
| 8/05/97 | SICP = SITP = 170#. Bled off tbg. RU $@$ 6000' ea. run, Pcsg held at <u>1</u> 60#. Re | | | | Making 1-run every 45-minutes, F |
| 8/06/97 | SITP = SICP = 170#. RD swab. RDMC |) | | | |
| 14. I hereby ce | rtify that the foregoing is true and correct | | | | |
| | | ß | DEBRA BEMENDERFI | ER | |
| | Allom. Mainanda. | hOL _ | | | |
| SIGNED | | | LE As Agent for Conoco In | <u>nc</u> | DATE <u>8-18-97</u> |
| (This spa | ce for Federal or State office use) | / | | | |
| APPROV | | <u></u> тіт | LE | | DATE |
| Condition | is of approval, if any: | | | | |
| | | | | | |
| | . Section 1001, makes it a crime for any person udulent statements or representations as to a | | | | gency of the Unites States any false, <u>CEPTED FOR RECORD</u> |
| . | | | | | west tev tun nevunv |
| | | * See Instruction | on on Reverse Side | | AUG 2 0 1997 |
| | | | | | RIMINETON DISTRICT OFFICE |
| | | | | | M |

| District I PO Box 1980, E District II NO Drawer DD, District III | | | | Energy, Minerals & Natural Resources Department OIL CONSERVATION, DIVISION Submit to Appropriate District | | | | | | Instructions on back priate District Office | | |
|--|--|---------------|---------------------------|---|---|-------------------------------|--------------------|-----------|-------------------|--|---------------------------------------|----------------------------|
| District III 1000 Rio Brazos District IV PO Box 2088, S T | | • | | Santa Fe, NM 87504-2088 RECEIVED | | | | | | | | |
| I. | 1 | ŒŲU | | | LLUWAE | _ | ND AU | THOR | | | ¹ OGRID Nu | mper |
| 0010 | | 1 | | | | | | | | | 005 | |
| 10 D | CO INC esta I AND, 1 | rive | Ste 1 797(| | | | | | | CH (EF | Reason for Fill FECTIVE | 3-1-95) |
| | PI Numbe | | | | | | * Pcol Nam | e | | CO (ÈFF | ECTIVE | 4-1-95) * Pool Code |
| | -21653 | _ | <u>F</u> | BASIN D | AKOTA | | | | | | _ | 71599 |
| | operty Cod | | 8 | SAN JU | AN 28-7 | | Property Na mit | ne | | | | Well Number 252 |
| | Surface | | | | | | | | | | I | |
| Ul or lot no. | Section | Town | • | Range | Lot.Idn | Feet fro | | North/So | | Feet from the | East/West lin | |
| | Bottom | | B N Loca | L <u>7W</u> tion | | 1 | 790 | NOR | ĽH | 1850 | WEST | IRIO ARRIBA |
| UL or lot no. | Section | Tow | nship | Range | Lot Idn | Feet fr | om the | North/Se | outh line | Feet from the . | East/West lin | e County |
| " Lae Code F | ¹³ Produ | cing Met | hod Code | Gas (| Connection Da | ite " | C-129 Perm | it Number | | * C-129 Effective | Date " | C-129 Expiration Date |
| | nd Gas | Tran | | | | | | | | | | |
| " Transpor OGRID | | | "Ti | ransporter N and Addres | | | ¹⁴ PO | D | ¹¹ O/G | | ²² POD ULSTR and Descri | |
| 01453 | 84 - 4 P | 2.0. E | 30X 42 | L INC. 289 . NM. 8 | 7499 | | 1154 | 0 | 0 | C 32 28N 7W | | |
| 007057 EL PASO NATURAL GAS CO. P.O. BOX 4990 FARMINGTON, NM 87499 G C 32 28N 7W | | | | | | | | | | | | |
| 009018 | G P B | IANT O E | REFIN SOX 33 FIELD, | NERY 38 NM 87 | 413 | | 1154 | 10 | O | C 32 28 EFFECTI | | 95 |
| | | | | | | | | | | | | |
| IV. Prod | uced W | Vater | | · | | · · · · · · · · · · · · · · · | # POD 10 | SID Loss | tion and I | Description | | |
| | 5450 | | С | 32 28N | 7W | | 100 0 | | | Description - | | |
| | Compl pud Date | etion | Data | 14 55 1 55 | | | | | | | | |
| | | | r | ²⁴ Ready D | | | " TD | | | " PBTD | | ³⁹ Perforations |
| | * Hole Si | | | | Casing & Tubi | ing Size | | | Depth S | | ECE | Sacka: Cement |
| | | | | | | | | | | | FEB 1 | 7 1995 |
| | | | | | | | | | | 0 | 11 <u></u> CO(| No DUVS |
| | l Test I | | " Gas Del | livery Date | 1 * 1 | fest Date | | " Test L | ength | " Tbg. I | | " Cag. Pressure |
| | | | | | | | | | | | | |
| " Cho | ske Size | | 41 | Oil | . 4 | Water | | 4 Ga | • | - A | OF | * Test Method |
| | the informa | | | | Division have by aplete to the be $c = 0$ | | | | IL CO | ONSERVAT | _ | VISION |
| Printed name: | Rel | o R. | <u>Se</u> | ask | ly_ | | Approv Title: | • | SUPE | 77. RVISOR D | | #3 |
| Titlet | BIL | | KEATH | | | · | | val Date: | | | | - |
| Date: | | LATOR 5-95 | RY SPE | Dhanai | (915) 68 | 6-542 | | | | _FEB 1 7 | 1995 | |
| " If this is a | | | r fill in th | | (BID) 00 | | | rator | 0077 | 78 | | |
| 131 | And Buddy Shaw Enviro Cordinator 2/15/95 | | | | | | | | | | | |

| Submit 5 Copies Appropriate District Office DISTRICT 1 | Energy, | | New Mexico tural Resources Depar | rtment | | - Form C-104 Revised 1-1-89 See Instructions | |
|--|--|---|--|--|----------------------------|---|--|
| P.O. Box 1980, Hobbs, NM 88240 | OIL CONSERVATION DIVISION P.O. Box 2088 | | | | | | |
| P.O. Drawer DD, Artesia, NM 88210 DISTRICT III | S | | lexico 87504-2088 | | | | |
| 1000 Rio Brazos Rd., Aztec, NM 87410 I. | | | BLE AND AUTHO L AND NATURAL | | | | |
| Operator AMOCO PRODUCTION COMPA | | | | Well | API No. 392165300 | | |
| Address P.O. BOX 800, DENVER, | COLORADO 802 | 01 | | | | | |
| Reason(s) for Filing (Check proper box) New Well Recompletion Change in Operator | | n Transporter of: Dry Gas | Other (Please e | xplain) | | | |
| If change of operator give name and address of previous operator | | . | | | | | |
| II. DESCRIPTION OF WELL Lease Name SAN JUAN 28 7 UNIT | AND LEASE Well No. 252 | | ing Formation DTA (PRORATED G | | of Lease Federal or Fee | Lease No. | |
| Location C Unit Letter | 790 | _ Feet From The | FNL Line and | 1850 Fe | et From The | FWL. | |
| 32 Section Township | 28N | Range 7W | , NMPM, | RIO | ARRIBA | County | |
| III. DESIGNATION OF TRAN Name of Authorized Transporter of Oil MERIDIAN OIL INC. | SPORTER OF O or Conde | | RAL GAS Address (Give address to 3535 EAST 30T | | | | |
| Name of Authorized Transporter of Casing EL PASO NATURAL GAS CO | | or Dry Gas | Address (Give address to P.O. BOX 1492 | which approved | copy of this form | is to be sent) | |
| If well produces oil or liquids, give location of tanks. | Unit Soc. | Twp. Rge. | is gas actually connected | | | ·ð | |
| If this production is commingled with that f IV. COMPLETION DATA | from any other lease or | pool, give comming | ling order number: | · | | | |
| Designate Type of Completion | - (X) | Gas Well | New Well Workover | Deepen | Plug Back Sa | me Res'v Diff Res'v | |
| Date Spudded | Date Compl. Ready to | o Prod. | Total Depth | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Fo | ormation | Top Oil/Gas Pay | | Tubing Depth | *** | |
| Perforations | L | | I | | Depth Casing S | hoc | |
| HOLE SIZE | TUBING, CASING & T | | CEMENTING RECO | | MEIU | CKS CEMENT | |
| | | | 1 | | المقط | | |
| | | | 6 G M (| 1111231 | F C an | · · · · · · · · · · · · · · · · · · · | |
| V. TEST DATA AND REQUES | T FOR ALLOW | ABLE | L6 | | S. | | |
| OIL WELL (Test must be after re Date First New Oil Run To Tank | ecovery of total volume Date of Test | of load oil and must | be equal to or exceed top Producing Method (Flow | the second s | | full 24 hours.) | |
| Length of Test | Tubing Pressure | | Casing Pressure | | Choke Size | _ <u>.</u> | |
| Actual Prod. During Test | Oil - Bbls. | | Water - Bbls. | . <u> </u> | Gas- MCF | · | |
| | <u> </u> | | <u> </u> | | <u> </u> | | |
| GAS WELL Actual Prod. Test - MCI/D | Length of Test | | Bbls. Condensate/MMCF | , | Gravity of Cond | lensate | |
| Testing Method (pitot, back pr.) | Tubing Pressure (Shu | I-in) | Casing Pressure (Shut-in) |) . | Choke Size | | |
| VI. OPERATOR CERTIFIC. I hereby certify that the rules and regula Division have been complied with and t | ations of the Oil Conser | rvation | OILCC | DNSERV | ATION DI | VISION | |
| is true and complete to the best of my k | | en above | Date Approv | ved | AUG 2 3 1 | 990 | |
| Signature | | | By | | w d | | |
| Doug W. Whaley, Staff Printed Name July 5, 1990 | | rvisor Tille 830-4280 ephone No. | Title | SUPER | IVISOR DIS | TRICT #3 | |
| Date NOTRUCTIONS: This form | and the fighter and states a | See . See | Rule 1104 | and an | n an an tha an thug a sta | no, i na najteszanozoto el nazanoa alcaiza | |

٤

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

All sections of this form must be filled out for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

4) Separate Form C-104 must be filed for each pool in multiply completed wells.

| Submit 5 Copies Appropriate District Office <u>DISTRICTJ</u> P.O. Box 1980, Hobbs, NM 88240 | Energy, Minerals and Na | lew Mexico tural Resources Department | Form C-104 Revised 1-1-89 See Instructions at Bottom of Page |
|--|---|--|---|
| DISTRICT II P.O. Drawer DD, Artesia, NM 88210 | P.O. 6 | ATION DIVISION | |
| <u>DISTRICT III</u> 1000 Rio Brazas Rd., Aztec, NM 87410 | · · | lexico 87504-2088 | |
| I. | REQUEST FOR ALLOWA | BLE AND AUTHORIZATI L AND NATURAL GAS | ON DE C |
| Operator | | | WEIL APT No. RECEIVED 3003921653 JUN 1 4 1989 |
| Amoco Production Comp | any | | 3003921653 |
| 1670 Broadway, P. O. | Box 800, Denver, Colorad | | |
| Reason(s) for filing (Check proper box) New Well | Change in Transporter of: | Other (Please explain) | 5014 1 4 1989 |
| Recompletion | Oil Dry Gas | | OIL CONSERVATION DIV. |
| Change in Operator X If change of operator give name Trans | Casinghead Gas Condensate | | WIIIIA PE |
| and address of previous operator | neco Oil E & P, 6162 S. | Willow, Englewood, C | Colorado 80155 |
| II. DESCRIPTION OF WELL Lease Name | Well No. Pool Name, Includ | ing Formation | Lease No. |
| SAN JUAN 28-7 UNIT | 252 BASIN (DAKO | | TEDERAL 000 |
| Location C | : 790 Feet From The FN | L Line and 1850 | Feet From The Linc |
| Unit Letter | | | |
| Section 32 Townsh | ip28N Range7W | , NMPM, RI | O ARRIBA County |
| | SPORTER OF OIL AND NATU | | |
| Name of Authorized Transporter of Oil CONOCO | or Condensate | Address (Give address to which ap) P. O. BOX 1429, BLOC | proved copy of this form is to be sent) |
| Name of Authorized Transporter of Casir | nghead Gas 🚺 or Dry Gas 🔀 | Address (Give address to which ap | proved copy of this form is to be sent) |
| EL PASO NATURAL GAS CO | MPANY Unit Soc. Twp. Rge. | P. O. BOX 1492, EL E | PASO, TX 79978 When 7 |
| give location of tanks. | | is gas ecourty councileur | |
| If this production is commingled with that IV. COMPLETION DATA | from any other lease or pool, give comming | ling order number: | |
| | Oil Well Gas Well | New Well Workover De | epen Plug Back Same Res'v Diff Res'v |
| Designate Type of Completion | | Total Depth | |
| Date Spudded | Date Compl. Ready to Prod. | Total Depth | P.B.T.D. |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | Top Oil/Gas Pay | Tubing Depth |
| Perforations | <u> </u> | l | Depth Casing Shoe |
| 1 | | | |
| HOLE SIZE | TUBING, CASING AND CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
| | | | |
| | | | |
| | | · · · · · · · · · · · · · · · · · · · | |
| V. TEST DATA AND REQUE OIL WELL (Test must be after | ST FOR ALLOWABLE recovery of total volume of load oil and mus | the equal to or exceed top allowshie | for this death or be for full 24 hours) |
| Date First New Oil Run To Tank | Date of Test | Producing Method (Flow, pump, ga | |
| Length of Test | Taking Davana | Casing Pressure | Choke Size |
| | Tubing Pressure | Crown License | |
| Actual Prod. During Test | Oil - Ubls. | Water - Bbis. | Gas- MCF |
| GAS WELL | 1 | J | |
| Actual Prod. Test - MCI/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Festing Method (pilot, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Gioke Size |
| | | | |
| VI. OPERATOR CERTIFIC | | | RVATION DIVISION |
| I hereby certify that the rules and regu Division have been complied with and | | | TryAnon Brision |
| is true and complete to the best of my | knowledge and belief. | Date Approved | MAY 0.8 1000 |
| 4. J. Harr | pton | | and I |
| Signature | * | By | |
| Printed Name | r. Staff Admin. Suprv. Tille | Title | VISION DISTRICT # 3 |
| Janaury 16, 1989 Date | 303-830-5025 Telephone No. | | |
| | | | |

٠ ٠

> INSTRUCTIONS: This form is to be filed in compliance with Rule 1104 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

All sections of this form must be filled out for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
 Separate Form C-104 must be filed for each pool in multiply completed wells.

| • • | |
|--|--|
| | |
| | |
| 1 | |
| | |
| | |
| | NOV ~Z COUNTY |
| | inos All |
| STATE OF NEW MEXICO | Form C104 |
| ENERGY AND MINERALS DEPARTMENT | Revised 10-01-78 |
| NO. OF COPIES RECEIVED OIL CON | |
| SANTA FE | P.O. BOX 2088 |
| FILE SANTA | FE, NEW MEXICO 87501 |
| U.S.G.S. | |
| | |
| GAS REQUE | EST FOR ALLOWABLE AND |
| | RANSPORT OIL AND NATURAL GAS |
| | |
| Operator | |
| Tenneco Oil Company - Dimp | |
| Address | |
| P.O. Box 3249, Englewood, CO 80155 | |
| Reason(s) for filing (Check proper box) | Other (Please explain) |
| New Well Change in Transporter of: | $\langle (2) \rangle$ |
| Recompletion Oil Dry Gas | |
| L Change in Ownership Casinghead Gas | sate |
| | |
| If change of ownership give name and address of previous owner <u>El Paso Natural Gas Co</u> | ompany, P.O. Box 4990, Farmington, NM 87499 |
| | |
| II. DESCRIPTION OF WELL AND LEASE Lease Name Well No. Pool Name, Inclui | ding Formation Kind of Lease Lease No. |
| Lease Name Well No. Pool Name, Inclu | State, Federal or Fee USA |
| SJ 28-7 Unit 252 Basin Da | akota SF 078498-4 |
| | |
| Unit Letter C : _790 Feet From The | North Line and1850 Feet From The West |
| | |
| Line of Section 32 Township 28N | Range 7W , NMPM, Rio Arriba County |
| III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL | GAS |
| Name of Authorized Transporter of Oil C or Condensate | Address (Give address to which approved copy of this form is to be sent) |
| | |
| Conoco_IncSurface_Transportation Name of Authorized Transporter of Casinghead Gas or Dry Gas | Address (Give address to which approved copy of this form is to be sent) |
| El_Paso_Natural Gas Company | |
| Unit Sec. Twp. | Rge. Is gas actually connected? Farmington, NM 87499- |
| If well produces oil or liquids, give location of tanks. | 7W Yes |
| If this production is commingled with that from any other lease or pool, give commingling orc | •••• |
| · · · · · · · · · · · · · · · · · · · | |
| NOTE: Complete Parts IV and V on reverse side if necessary. | |
| VI. CERTIFICATE OF COMPLIANCE | |
| | |
| I hereby certify that the rules and regulations of the Oil Conservation Division have been with and that the information given is true and complete to the best of my knowledge a | |
| Λ | BY Srank . Lawa |
| | <u>SUPERVISOR DISTRICT </u> |
| 1 th my | |
| Ano C Il Isking | This form is to be filed in compliance with RULE 1104. |
| (Signature) | If this is a request for allowable for a newly drilled or deepened well, this form must be accom- |
| Sr, Regulatory Analyst (Title) | panied by a tabulation of the deviation tests taken on the well in accordance with RULE 111. All sections of this form must be filled out completely for allowable on new and recompleted walls. |
| | and water and recompleted walls, |

1 1985 (Date)

OCT

Fill out only Section I, II, III, and VI for changes of owner, well name and or number, or transporter. or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

Form C-104 Revised 10-01-78 Format 06-01-83 Page 2

,

IV. COMPLETION DATA

.

٠

٠

.

| Designate Type of Completion | — (X) | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res.'v |
|------------------------------------|-----------|---------------------|------------|---------------|---------------------------------------|--------|----------------|-------------|--------------|
| Date Spudded | Date Com | pl. Ready to Prod. | | Total Depth | · · · · · · · · · · · · · · · · · · · | | P.B.T.D. | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of I | Producing Formation | | Top Oil/Gas P | ay | | Tubing Depth | | |
| Perforations | i | | | | | | Depth Casing S | Shoe | |
| | | TUBING | CASING, AI | ND CEMENTIN | IG RECORD | | | | |
| HOLE SIZE | | CASING & TUBIN | IG SIZE | | DEPTH SET | | | SACKS CEME | T |
| | | | ······ | | | | | ······ | |
| | | | | | | | | | |
| | | | | | | | | | |

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours) V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL Date First New Oil Run To Tanks Date of Test Producing Method (Flow, pump, gas lift, etc.) Length of Test Tubing Pressure Casing Pressure Choke Size Water - Bbls. Gas - MCF Actual Prod. During Test Oil - Bbls.

GAS WELL

| Actual Prod. Test - MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate | |
|----------------------------------|----------------------------|---------------------------|-----------------------|--|
| Testing Method (pilot, back pr.) | Tubing Presssure (Shut-in) | Casing Pressure (Shut-in) | Choke Size | |
| | | | | |

EL PASO NATURAL GAS COMPANY POST OFFICE BOX 990 FARMINGTON, NEW MEXICO



DATE <u>July 24, 1979</u>

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

| GAS FROM <u>El Paso Natural Gas Company</u> | San Juan 28-7 Unit #252 |
|--|---|
| Operator | Well Name |
| 90-564-01 20268 Meter Code Site Code | C 32-28-7 Well Unit S-T-R |
| Basin Dakota | El Paso Natural Gas Company |
| Pool | Name of Purchaser |
| WAS MADE ON <u>July 20, 1979</u> , | FIRST DELIVERY July 21, 1979 |
| Date | Date |
| AOF | |

СНОКЕ ____

El Paso Natural Gas Company Purchaser Representative

Chief Dispatcher Title

cc: Operator Oil Conservation Commission – 2 Proration – El Paso

File

| DEPARTMENT OF THE INTERIOR Construction of the second part second for the second part second part second for the second part second pa | Form 94330 (Rev. 5-63) | U | NITED S | STATES | SUBMIT | IN DUPLIC | | Form a Budget | approved. Bureau No. | . 42-R355.6. | |
|--|--|--|---|----------------------|---------------------------------------|----------------------|-------------|---------------------------------------|------------------------------------|---------------------------------------|------------------|
| GEOLOGICAL SURVEY SECOLOGICAL SURVEY WELL COMPLETION REPORT AND LOG* INTER OF WELL WELL WELL WELL WELL WELL WELL WEL | | | | | | struc | tions on | 5. LEASE DESIGNAT | TION AND | | |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG" TYPE OF WILL WILL WILL WILL WILL WILL WILL WIL | | GEC | LOGICAL | . SURVEY | | | | · · · · · · · · · · · · · · · · · · · | | | |
| b. TYPE OF COMPLETION: wear D S. J. 28-7 Diff S. J. 28.0 File of Wear D wear D Diff wear D S. J. 28-7 Diff Diff Diff S. J. 28-7 Diff S. J. 28-7 Diff | WELL COM | MPLETION OF | RECOM | PLETION I | REPORT A | ND LO | G* | 6. IF INDIAN, ALLO | TTEE OR T | RIBE NAME | |
| mark Constrained mark Constrained Mark Constrained S. J. 28-7 Difference 2. Address or origanda S. J. 28-7 S. J. 28-7 Difference Difference S. J. 28-7 Difference | 18. TYPE OF WELL | L: OIL WELL | GAS WELL | DRY | Other | ; : | | | 9 N. 1 | <u></u> | |
| weak of other is and is and is an interval constant and of other is and is an interval constant S. J. 287 (bit if is a second | | | | DIER (| | | | | · | it 3 5 | |
| E1 Paso Natural Gas Compnay In sector 252. 3. ADDRESS OF OFARTOR P. OT. Box 289; Farmington: New Mexico 87401 4. LOCKING OF WILL (Report localing and addressed complexes with any 250s requirement). In sector 252. At senters 900000. N. 18501 W. C. State of the sector 2000 M. | WELL | OVER EN | BACK | RESVR. | Other | <u> </u> | | | | | |
| 3. JANGAR OF OFFENSE 3. JANGAR OF OFFENSE AL DOCTORS OF WILL (Apper Insulan Calcular Gale (Second Engineering of All Second Engineering) - At marker 790'N, 1850'N At instar 790'N, 1850'N At instar reported Nov At ins | 1 | • | | · | () | | | | <u> </u> | <u></u> | |
| P.O.: Box 289: Farmington: New Mexico 87401 Distribution Distribution At locations of weak and sequences of the seque | | | as Compna | iy | | <u> </u> | | 252 | | | |
| 4. LOCKING OF WELL REPORT LOCATES CARE MANAGES At surface 790' N, 1850' N At surface 790' N, 1850' N At top food. Interval reported Balance 100 N/L 100 N | P.0. | Box 289, Far | mington, | New Meric | o 87401 | - <u>-</u> | | | | DCAT , | |
| At top prod. Interval reported Malor UIL DITSOUT Sec32; T-28.N, R-7-W At total depta UIL DITSOUT Sec32; T-28.N, R-7-W At total depta UIL DITSOUT Base insteps It. convert. It. Sec32; T-28.N, R-7-W 15: Data Stepsen: 12: convert. It. Sec32; T-28.N, R-7-W It. sec32; T-28.N, R-7-W It. sec32; T-28.N, R-7-W 15: Data Stepsen: 12: Convert. It. Sec32; T-28.N, R-7-W It. sec32; T-28.N, R-7-W It. sec32; T-28.N, R-7-W 20: Total Aberts. M. S. Total Accurate Stepsen: It. sec32; T-28.N, R-7-W It. sec32; T-28.N, R-7-W 20: Total Aberts. M. S. Total Accurate Stepsen: It. sec32; T-28.N, R-7-W It. sec32; T-28.N, R-7-W 20: Total Aberts. M. S. Total Accurate Stepsen: It. sec32; T-28.N, R-7-W It. sec32; T-28.N, R-7-W 20: Total Aberts. M. S. Total Accurate Stepsen: It. sec32; T-28.N, R-7-W It. sec32; T-28.N, R-7-W 20: Total Aberts. M. S. Total Accurate Stepsen: It. sec32; Total Accurate Stepsen: It. Sec32; Total Accurate Stepsen: It. Sec32; Total Accurate Stepsen: 20: Total Accurate Stepsen: It. Sec32; Total Accurate Stepsen: It. Sec32; Total Accurate Stepsen: It. Sec32; Total Accurate Stepsen: 20: Total Accurate Stepse: It. Sec52; Total Accurate Stepsen: </td <td>4. LOCATION OF WEL</td> <td>L (Report location cle</td> <td>arly and in acc</td> <td>ondance with an</td> <td>y State require</td> <td>ments)*</td> <td></td> <td></td> <td></td> <td>NO PERVEY</td> | 4. LOCATION OF WEL | L (Report location cle | arly and in acc | ondance with an | y State require | ments)* | | | | NO PERVEY | |
| Difference Difference <thdifference< th=""> Difference Differen</thdifference<> | | \sim | | a #111 | | 5 | | OR AREA | ÷ | | |
| Difference Difference <thdifference< th=""> Difference Differen</thdifference<> | At top prod. inte | | Cal Ini | السابي داد | | | | | | , R-7-W | |
| 15. Data surgering 15. Data | At total depth | 1 The second sec | J06-0 | DIVISIO | $\tilde{\beta}$ | * | | <u> </u> | <u>. , ė</u> | <u> </u> | |
| 15. Date streption 15. Date streption 15. Date streption 13. Extended for profile | | 1 Z | ONSERNAT | W. PEBMIT NO. | <u>р</u> | ATE ISSUED | | PARISH | | | |
| 1-13-79 1-20-79 5-8-79 60361-G.I. 30.1 BUTLET 10014 Galles Food. 20. Total berrin, HE A TO 21. FULL ALGE TA., HD A TO 22. IF MULTIPLE CONFL. 23. INTERVALS BUTLET TOTAL Galles Food. 20. Total berrin, HE A TO 21. FULL ALGE TA., DO TOTAL, HD ATO 22. IF MULTIPLE CONFL. 23. INTERVALS BUTLET TOTAL Galles Food. 23. Free LECTRIC AND OTHER LOSS ANY 6828'-7042' (Dakota) 0-7074' 24. Was Distributed 28. HECTRIC AND OTHER LOSS ANY 6828'-7042' (Dakota) 24. Was Distributed Not. 28. HECTRIC AND OTHER LOSS ANY Scheen State CASING RECORD (Report all strings set in well) 24. Was Distributed Not. 29. 5/8'' 36# 214' 13.34'' 224. cu. ft. | 15. DATE SPEDDED | | SAN | OMPL (Ready t | | ET EVANONE (| | 1.10 | | | |
| 28. Ford. Berth, MD & TOO 21. FLOG. BACK 15., MD & TOO 22. IF MULTIPLE COMPL. 23. Details and another tools CARLE TOOLS 7074' 7056' 7056' 7074' 22. IF MULTIPLE COMPL. 23. Details and another tools CARLE TOOLS 7074' 7056' 7056' 7042' (Dakota) 21. Many Encomplexity 22. May Encomplexity 70. The Complexity of the Complexity o | | an a | inter and the second | 1 1 1.2 1. Land 1922 | an natari (1777) | | | | | · · · · · · · · · · · · · · · · · · · | |
| 07.4' 7056' 0.7074' 20. FRACTIONAL SOURCE TOP, DOTTON, NAME (MD AND TYD)' 28. FRACTION RECORD INTERVAL(3), OF THIS CONFLETION—TOP, DOTTON, NAME (MD AND TYD)' 20. FRACTIONAL SOURCESSION 20. FRACTIONAL SOURCESSION 28. FRACTION RECORD INTERVAL(3), OF THIS CONFLETION—TOP, DOTTON, NAME (MD AND TYD)' 21. FRACTIONAL SOURCESSION 21. WAS NELCCIONAL SOURCESSION 28. FIRE FLACTAIL AND OFTIME LOGS ADN CASING RECORD (Report all strings set in setil) 27. WAS WELL COSED. 28. MOOT POLLED 28. String RECORD CASING RECORD (Report all strings set in setil) 20. MOOT POLLED 28. MOOT POLLED 29. STRING RECORD 28. String RECORD 28. String RECORD 30. TUBING RECORD 50. TUBING RECORD 50. TUBING RECORD 50. TUBING RECORD 50. TUBING RECORD 50. TUBING RECORD 50. String RECORD 50. TUBING RECORD 50. TUBING RECORD 50. TUBING RECORD 50. String RECORD 50. TUBING RECORD 50. TUBING RECORD 50. String RECORD (Interval, size and number) 50. String RECORD (Report AND STRING OF MATERIAL USED (String or TATERIAL USED (String | | | | 22. IF MUL | TIPLE COMPL., | 23. INT | ERVALS | ROTARY TOOLS | | | |
| 6828'-7042' (Dakota) BUNKER, MADE 6828'-7042' (Dakota) 27. WADE SURVEY 27. WADE SURVEY 27. WADE SURVEY 28. CANNO RECORD (Acport all strings set in sell) CANNOR RECORD SIZE TOP (MD) BOTTOM (MD) BACKS CENENT* SCAREY (MD) SIZE TOP (MD) BOTTOM (MD) SACK CENENT* SCAREY (MD) SIZE TOP (MD) BOTTOM (MD) SACK CENENT* SCAREY (MD) SIZE TOP (MD) BOTTOM (MD) SACKE CENENT* SCAREY (MD) SIZE TOP (MD) BOTTOM (MD) SACKE CENENT* SCAREY (MD) SIZE TOP (MD) BOTTOM (MD) SACKE CENENT* SCAREY COLD SIGT FRACE <td colsp<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>-> </td><td></td><td>2.5.6</td><td>(80₃</td></td> | <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-> </td> <td></td> <td>2.5.6</td> <td>(80₃</td> | | | | | | | -> | | 2.5.6 | (80 ₃ |
| Bits CASING RECORD CASING RECORD (Report all strings set in sell) CASING RECORD (Report all strings set in sell) 27. Was well could could be an advected by a set of the advected by a set | 24. PRODUCING INTER | VAL(S), OF THIS COMP | LETION-TOP, B | OTTOM, NAME (1 | AD AND TVD)* | | | | | | |
| 28. TTPE ELECTRIC AND OTHER LOSS RON 27. WAS WELL COND. RL Ind., CDL, Temp. Survey CASING RECORD (Report all strings set in scell) No | | 682 | 8'-7042' | (Dakota) | : | | | 1111 1111 1111 1111 1111 | No | e mare e tote | |
| 28. 3 CASING RECORD (Report all strings set in sell) AMOUNT FULLEP 9. 5/8'' 36# 214' 13.3/4'' 224 cu. ft. 7'' 20# 2376' 8.3/4'' 224 cu. ft. 4.1/2'' 4.1/2'' 10.5 & 11.6# 7074' 6.1/4'' 654 cu. ft. 4.1/2'' 83.* ENER RECORD 30. TUBING RECORD (MD) SAFE CENENT* SCREEN (MD) SIZE TOP (MD) 83.* FRODUCTION FRODUCTION FRODUCTION FRODUCTION FRODUCTION FRODUCTION FRODUCTION FRODUCTION FRODUCTION STATE CASE AND CASE | 26. TYPE ELECTRIC A | | | (=) | <u>:</u> ; | | | - 27. 7 | | | |
| CASING SIZE WEIGHT, LA/FT. DEFTN SET (MD) UDLE SIZE CEMENTING RECORD AMOUNT FULLED 9.5/8" 36# 214' 13.3/4" 224 cu. ft. | SR-Ind., CDL, | Temp. Survey | • | | 44 84 | | | | No | 5 7 - | |
| 9 5/8" 36# 214' 13 3/4" 224 cu. ft. 7" 20# 2876' 8 3/4" 264 cu. ft. 4 1/2" 10.5 § 11.6# 7074' 6 1/4" 654 cu. ft. 29. LINER RECORD 30. TUBING RECORD 31. PERFORATION RECORD (Interval, size and number) 6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. 32. ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC. 6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. 32. ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC. 6828, 6854, 6840, 5846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. 32. ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC. 6828, 7042' 79,000# sand § 89,000 gal. w/1 SPZ. 52. ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC. 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. 52. ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC. 52. 33.* PRODUCTION FRODUCTION After Frac Gaige : S4; MCF/D AMOUNT ANG § NO OF MATERIAL USED 52. 5647 ST 1594 CASUTATED FRACT PROV GAS - MCF. WATER - BEL GAS - MCF. 34. DIBPOSITION OF GAS (Sold, used for fuel, united, etc.) THET FEBURE GAS - MCF. | | | | | | | - | | a de f | | |
| 7! 20# 23761 83/4" 2264 cu. ft. 4 1/2" 10.5 § 11.6# 7074' 6 1/4" 654 cu. ft. 28. LINER RECORD 30. TUBING RECORD 30. 51. DOTTOM (MD) BOTTOM (MD) SCREEN (MD) SIZE TUBING RECORD 31. PERFORATION RECORD 11/2" 7032' 2. ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC. 6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' W/1 SPZ. 2. ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC. 6828, 6854, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' W/1 SPZ. 79,000# sand § 89,000 gal. W 6828-7042' 79,000# sand § 89,000 gal. W 2. 2. 33.* PRODUCTION After Frac Gaige-; 84; MCF/D 4. 3. 5-8-79 COKE SIZE FRODUCTION ASSUM PRESSURE CASUM PRESSURE CASUM PRESSURE 51 647 SI 1594 24-000 Bat CASUM PRESSURE CASUM PRESSURE CASUM PRESSURE 35. LIST OF ATTACHMENTS SI 1594 24-000 Bat CASUM PRESSURE CASUM P | | | | | | | | | <u> </u> | | |
| 4 1/2" 10.5 § 11.6# 7074' 6 1/4" 654 Cu. ft. 28. LINER RECORD 30. TUBING RECORD 31. PERFORATION RECORD 11/2" 7032' 2 31. PERFORATION RECORD (Interval, size and number) 6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' 32. ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC. 33.* Derration records (MD) Actor records (MD) Actor records (MD) Actor records (MD) 33.* PRODUCTION PRODUCTION METROD (Flowing, gas U/L, pumping-size and type of pump) Actor records (MD) Suit of the state of t | · · · | | - | | | | | | | | |
| 29. LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) BACKS CEMENT* SCREEN (MD) BUZE DEPTH BET. (MD) PACKES SET (MD) 31. PERFORATION RECORD (Interval, size and number) 32. ACD, SHOT, FRACTURE, CEMENT SOURCE, ETC. 6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. 32. ACD, SHOT, FRACTURE, CEMENT SOURCE, ETC. 6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. 32. ACD, SHOT, FRACTURE, CEMENT SOURCE, ETC. 6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. 6828-7042' 79,000# sand § 89,000 gal. w 33.* PRODUCTION PRODUCTION METHOD (Flowing, gas W/I, pumping-size and type of pump) water status (Producing or status) After Frac Gaige-; 84; MCF/D WATER BELL GAS-MCF. WATER-BELL OAS-OLE ATTO 5-8-79 HOUER STESTED CHOKE SIZE OIL-BEL GAS-MCF. WATER-BELL OAS-OLE ATTO 51 647 S1 1594 24-HOUE RATE OIL-BEL GAS-MCF. WATER-BELL OIL-BEL SIGNED N. Rodgers SIGNED N. Rodgers SIGNED SIGNED <td< td=""><td>4 1/2"</td><td></td><td>- i</td><td></td><td></td><td></td><td></td><td></td><td>11</td><td></td></td<> | 4 1/2" | | - i | | | | | | 11 | | |
| SIZE TOP (MD) BOTTOM (MD) SACKE CEMENT* SCREEN (MD) SIZE DEPTH BET (MD) PACKES SET (MD) 31. PERFORATION RECORD (Interval, size and number) 6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. 32. ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC 6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. 32. ACID, SHOT. FRACTURE, CEMENT SQUEEZE, ETC 6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. DEFTE INTERVAL (MD) AMOUNT AND END OF MATERIAL USED 6828-7042' 79,000# Sand & 89,000 gal. w | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | |
| 31. PERFORATION RECORD (Interval, size and number) Signed attached information is complete and correct as determined from all available recorded. 31. 1/2" 7032! 31. PERFORATION RECORD (Interval, size and number) 6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. DEFTE INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 6828-7042' 79,000# sand & 899,000 gal. W Signed colspan="2">Signed colspan="2" Signed colspan="2" <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | 1 | | | | | | |
| 31. FERFORATION RECORD (Interval, size and number) 32. ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC. 6828, 6834, 6840, 6846, 6920, 6947, 6953, 0559, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC. 6828, 6834, 6840, 6846, 6920, 6947, 6953, 0559, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. AUDUMT ANG KIND OF MATEBIAL USED 6828, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. 05828-7042' 79, 000# sand § 89, 000 gal. w 33.* PRODUCTION 414 4 9000 # sand § 89, 000 gal. w 14 4 9000 # sand § 89, 000 gal. w 14 4 9100 # Sand § 89, 000 gal. w 14 4 920 # Sand § 89, 000 gal. w 14 4 921 # Sand § 89, 000 gal. w 14 4 921 # Sand § 89, 000 gal. w 14 4 921 # Sand § 89, 000 gal. w 14 4 921 # Sand § 89, 000 gal. w 14 5 921 # Sand § 80 gal. w 15 5 921 # Sand § 80 gal. w 15 5 921 # Sand § 80 gal. w 15 5 921 # Sand § 80 gal. w 15 5 921 # Sand § 80 gal. w 16 5 921 # Sand § 80 gal. w 16 5 921 # Sand § 80 gal. w 16 5 921 # Sand § 80 gal. w 16 5 </td <td></td> <td></td> <td></td> <td></td> <td>SCREEN (MD</td> <td></td> <td>211</td> <td></td> <td>·</td> <td></td> | | | | | SCREEN (MD | | 211 | | · | | |
| 6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. | | | | | | | | | | | |
| 6959,6979,6986,6999,7018,7042' w/1 SPZ. 6828-7042' 79,000# sand § 89,000 gal. w 33.* PRODUCTION PRODUCTION ************************************ | | | • | · · · · | | | , FRACI | URE, CEMENT SQU | EEZE, ET | ; C. → 3 | |
| 33.* PRODUCTION DATE FIRST PRODUCTION METHOD (Flowing, gas kilt, pumping—eize and type of pump) After Frac Gaige-;84; MCF/D MAFter Frac Gaige-;84; MCF/D DATE OF TEST DATE OF TEST BOURS TESTED CHOKE SIZE TEST FERIOD Shut-in Shut-in State of TEST Solut Calculated State of TEST FERIOD Solut Calculated 24-HOUE RATE OIL-BBL CASE MEE CALCULATED 24-HOUE RATE 24-HOUE RATE SI 647 SI 1594 *********************************** | • | | | | | | | | | | |
| 33.* PRODUCTION After Frac Gaige-;84; MCF/D DATE OF TEST HOURS TESTED CHOKE SIZE CALCULATED TEST PERIOD FLOW. TUBING PRESS. CASING PRESSURE CALCULATED CALCULAT | 0939,0979 | ,0980,0999,70 | 10,7042 | W/1 SPL. | 0828-70 | <u>142</u> | <u>/9,0</u> | | | | |
| 33.* PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or educing or educing or educing or educing or educing or educing) DATE OF TEST HOURS TESTED CHOKE SIZE PRODUCTION NETHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or educing or educin | | | | | 1 | | | | | | |
| DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or schutch) After Frac Gaige-: 84; MCF/D After Frac Gaige-: 84; MCF/D WATER-BEL. GAS-MCF. DATE OF TEST HOURS TESTED CHOKE SIZE PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WATER-BEL. GAS-MCF. 5-8-79 TEST PEBIOD OIL-BEL. GAS-MCF. WATER-BEL. GAS-OIL RATIO, 30 FLOW. TUBING FRESS. CASING PRESSURE CALCULATED OIL-BEL. GAS-MCF. WATER-BEL. OIL GRAVITY-API (CORE.) SI 647 SI 1594 | | | | | | | | 272 <u>7</u> 42 | <u>ر جار د</u> | ~ = X | |
| After Frac Gaige-; 84; MCF/D DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR 5-8-79 FLOW. TUBING PRESS. CASING PRESSURE CALCULATED OIL—BBL. SI 647 SI 1594 34. DISPOSITION OF GAS (Sold, used for fuel, venied, etc.) 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available recorded, US + SI 1979. SIGNED MATER DILL DILLING CIErK DILL DILLING CIErK DILLING CIERK | | ION PRODUCTIO | N METHOD (FLO | | | | m n) | | | | |
| DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS—OIL RATIO 5-8-79 PLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORE.) 34. DISPOSITION OF GAS (Sold, used for juel, vented, etc.) TEST witnessed BT N. Rodgers N. Rodgers 35. LIST OF ATTACHMENTS J. S. S. LIST OF ATTACHMENTS J. S. | · | | | | | | | shut-in) | | | |
| 5-8-79 FLOW. TUBING PRESS. CASING PRESSURE SI 647 SI 1594 24-HOUR RATE OIL-BBL. GAS-MCF. WATER-BBL. OIL GRAVITY-API (CORR.) 24-HOUR RATE 24-HOUR RATE 24-HOUR RATE CAS-MCF. WATER-BBL. OIL GRAVITY-API (CORR.) 24-HOUR RATE 24-HOUR RATE CAS-MCF. WATER-BBL. OIL GRAVITY-API (CORR.) 24-HOUR RATE 24-HOUR RATE CAS-MCF. WATER-BBL. OIL GRAVITY-API (CORR.) 24-HOUR RATE 24-HOUR RATE 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED Matter Drilling Clerk Datte Datte July 6, 1979. | DATE OF TEST | | | PROD'N. FOR | | GAS-M | Сг | | | | |
| SI 647 SI 1594 24-HOUR BATE 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY 35. LIST OF ATTACHMENTS N. Rolgers 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED TITLE Drilling Clerk DATE | the second s | | | | <u> </u> | | | | | <u>të</u> şe | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BT 35. LIST OF ATTACHMENTS N. Rodgers 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records III S. LEILUICAE SURVEY 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | 1 | } } ; | | OILBBL. | GAS-M | CF. | WATER- | -BBL | BAVITT-API | ((COBB.) | |
| 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (12) = = = = = = = = = = = = = = = = = = = | | | vented, etc.) | | | | | TEST WITNESSED B | | | |
| 35. LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (1979) SIGNED | i | | | | · | | | | 249 | | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records 101 = 5 SIGNED SIGNED TITLE Drilling Clerk DATE July 6, 1979 | 35. LIST OF ATTACHI | MENTS | · · · · · · · · · · · · · · · · · · · | | | Ka X - I | | 5 (F 255 4 | <u></u> 6 <u>8</u> 7 <u>8</u> 0 | <u></u> | |
| SIGNED D' Dursco TITLE Drilling Clerk July 6, 1979 | : | | | <u></u> | · · · · · · · · · · · · · · · · · · · | ik _t sil, | | | | RYEY . | |
| Mining IIIM Mining Mining | 36. I hereby certify | that the foregoing and | d attached info | rmation is comp | lete and correc | t as determin | ed from | all available records | 9,00I | A A A | |
| | SIGNED | p. Que | 200 | TITLE D | rilling (| lerk | | DATE JU | 1y 6, | 197 9 | |
| ··(See Instructions and Spaces for Additional Data on Reverse Side) 또한 한 한 한 한 한 한 한 한 한 한 한 한 한 한 한 한 한 한 | · | */^ 1 | | <u> </u> | | | | | • • • • • | | |
| | | *(See Ins | tructions and | Spaces for A | dditional D | ata on Rev | erse Sid | | | 2 2 2 C | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

ي جمع به الراجي و الماني الم

| ency or a State agency, number of copies to be from, the local Federal s electric, etc.), forma- ions. All attachments is Consult local State any attachments. 24 show the producing , adequately identified, nenting tool. | -rifordio 948 ; no anolasino (lotte serace | | | DEPARTMENT OF THE INTERIO | |
|--|---|---|------------------|---|----------|
| cy or a State ag mber of coples m, the local Fe electric, etc.), f as, All attach as, All attach f f f f attachments, f attachments, f attachments, f attachments, f attach dequately iden dequately iden | <u>*80.</u> | ېم کې | | NICE COMPLETION OR RECOMPLETION REPORT | |
| or a fer of the let of the let of the let of of the let | | | TOP | L 99410 - 1.3.1208 - Secondaria Lula Sut | |
| deral ag nd the nd the nd the nd the nd the nd the nd the nall type regulation and in a sud in n in item his form his form | | IC MARKERS | | | |
| | | GEOLOGIC | a 1974. | | ., |
| age age an | | CEC | | | :4 |
| es to el es to el thi Ty, or r d core State in fec ort (p ort (p d the l d the l | | | NANE | | : ^ |
| leases (e use of thy, lease of thy lease of spaces state in spaces and the spaces state in spaces state in spaces | | 12/1 | XX | | ı.'. |
| is and it ing the be issue be issue be issue be issue sample sample other s other s other s other s other s other s other s | - C113 | œ | | Mesa Verd Mesa Verd Graneros Graneros Dakota | |
| Thes of lands and leases t as concerning the use of w or will be issued by, a completions. geologists, sample and co geologists, sample and co able Federal and/or Sta able Federal and/or Sta ts given in other spaces (ts given in other spaces (completion), so state in the stage cementing and the e instruction for items 2 | e .aun ,50) er. | | 1 1 | | Юų. |
| | ELLANARAS 78 GELLARA | INCLUDING | | 9803 CARDENDE AL CONTRACTOR AND | |
| w or w or w or e com geolo ible] bed [] bed [] ubmi ubmi ubmi | 1 Martines | INCL | | | 1 |
| all types of ructions conc u below or w u below or w u below or w lilers, geologi a pplicable Fu described in described in rements giver ultiple compi 33. Submit 33. Submit multiple stag multiple stag | | cets, | | | ю. ю |
| I completion report and log on all types of . Any necessary special instructions conc dind practices, either are shown below or w arding separate reports for selarate comp I currently available logs (drillers, geologi o, to the extent required by arplicable Fu o, to the extent required by arplicable Fu real or Indian land should be described in wise shown) for depth measurements giver ine than one interval zone (multiple complete the interval reported in item a3. Submit found adta pertinent to such interval. ound show the details of any multiple stag val to be separately produced. (See instru- | | INTERVALS; AND ALL DRILL-GTEM TESTS, IUT-IN PRESSURES, AND RECOVERIES | | (applie)) (1200)-1200) | -68363 |
| and log or ectal last are show orts for s orts for s logs (dr uired by th measu th measu th measu th item produced | : | L-STI COVEI | ETC. | and an | |
| port and le ry special e reports f e required and should r depth me rorted in 1 details of a details of a | | DRII VD RE | ENT8, | etra ha manale disposa parale | OFFICE : |
| completion report and log on Any necessary special insti- nd practices, either are show riding separate reports for s currently available logs (dri to the extent required by to the extent required by is shown) for depth measu is shown) for depth measu is shown) for depth measu is shown the depth measu is into the separately produced | | ALL B, Al | CONTENT | ase where he for entropy of a fortable and he | NTING O |
| mpletion repo iny necessary practices, etti practices, etti practices, etti practices, etti practices, etti rently availa or Indian lan or Indian lan shown) for than one inter interval repo d ashow the de to be separat | | ANI SBURI | ION, | | URA THE |
| I completion and practices and practices are a second are a second a contractices are the ext are and a are than one the interval to be second are than one the interval are | ••••********************************** | VALS PBE | DESCRIPTION, | | VERNMI |
| Il com s. An and pi gardin li curr li curr to, to to, to to, to the hi the hi the hi the hi to all | | INTER UT-TU | DEB | 0 1200 BTD 13 | U.S. 60 |
| rrect wel sulations sculations codures i below reg below reg on Fede on Fede of rom m for only for only for addit is well she ach inter | | ND BI | | (2888092 ("182.00 - 185) (431) (287.02 (487) 997) 54 | • |
| correct well regulations regulations 3, below reg copies of al acbed hereit acbed hereit acbed hereit acbed hereit acbed hereit fon from m fon from m fon from m fils well altiter this well altiter for filter | | - 20 - 20 - 20 | | A RE CONSTRUCTION ON SUS INVENTS DESCRIPTIONS | 829 |
| the find control of the first and referring the first and so that and so the first action of the first act | TUARE TOP | LOWI | - | S 10 STRAND AND STRAIN CONTRACT STRAND ST | |
| ete and ce wa and r wa and r a and 3 builted, co mitted, co incation location location location location location f any f f f f f f f f f f f f f f f f f f f | 0.27 | TB TB | | | . ; |
| ting a complete and correct wel alor State laws and regulations all arcs, or regional procedures i mas 22 and 24, and 33, below reg record is submitted, conter of al rveys, should be attached heret equirements, locations on Fede equirements, locations on Fede as reference (where not other for separate production from m and name(s) (if any) for only if produced, showing the addit and name(s) for this well sho ort on this form for each inter | <u> </u> | CONTENTS THEREOF; CORED TOOL OPEN, FLOWING AND SH | $+-\overline{1}$ | | |
| a contraction of the second se | | ND CO | BOTTOM | | |
| This form is designed for submitting a complete and correct well computent to applicable Federal and/or Stute laws and regulations. At particularly with regard to local, arcs, or regional procedures and p tate office. See instructions on items 2% and 24, and 33, below regarding pressure tests, and directional surveys, should be attached hereto, to be instead on this form, see item 35. Fourier attached hereto, to al office for specific instructions. Indicate which elevation is used as reference (where not otherwise and 24. If this well is completed for separate production from more the additional interval to be supplicable. At a separate production from more the additional interval to be supplemental record as production from more the additional interval to be supplemental records for this well should be additional surveys. Submit a separate completion report on this form for each interval to be supplemental records is not the resonance to additional interval to be supplemental records in this form for each interval to be supplemental records in this woll should be additional interval to be supplemental records for this well should be additional suppleted or report on this form for each interval to be supplemental records in the reading interval to be supplemental records in the submit a separate completion report on this form for each interval to be additional interval to be supplemental records in this form for each interval to be additional records is the form for each interval to be additional records is showing the additional submit a separate completion report on this form for each interval to be additional report on this form for the readility of the section of the report on this form for the readility of the readility of the readility of the readility of the readility is additional interval to be supplemented on this form for the readility of the readili | (e 3956.5 | D, TIL | Loa | PRODUCTION E FROMEWORD COMMEND FROM AND PRODUCTION | 13 2 |
| This form is designed for submitting pursuant to applicable Federal and/o 1, particularly with regard to local, a tate office. See instructions on items tate office. See instructions on items pressure tests, and directional surve pressure tests, and directional surve is listed on this form, see item 35. I office for specific instructions. Indicate which elevation is used as and 24: If this well is completed for or intervals, top (s), bottom(s) and additional interval to be separately "Sacks Cement". Attached suppleme Submit a separate completion report | | OROS | | - (1)/37977 - 3 Policies Bachel Alexandria - 1977 1994-1999 | 10-3 |
| for a redea redea sum sum sum sum sum sum sum sum sum sum | 1.2.44 M | S: SHION | | C C C C C C C C C C C C C C C C C C C | 2 |
| rm is designed for a t to applicable Fede utarly with regard constructions to the time this sum to the time this sum to this form, see ite and direction on this form, see ite and intervals, to this form, see ite and interval is com reals, to (s) , bottor reals, to (s) , bottor and interval to be se <i>Cement</i> ¹ . Attached <i>Cement</i> ¹ . | WACKE- | CONES CUL | TOP | -245 | <u>.</u> |
| with with with with with for for for for for for for for for for | | US Z ANT Z ESTEL | | (24) ST 1394 (2014) | e Gae |
| is d arly Sec Sec Sec Sec Sec Spec Spec Spec Spec | | ORO PORT | | | |
| s form uant to uant to uant to office. office for to fice to fice for fice for teate w fice to the fice for the fice an interval fice for fice an interval fice an interval fice an interval fice an interval fice an interval fice an interval fice an fice an fico | | OF P LL IM NTERV | | Environ Roltha () () | et 1 |
| This for Dursuant L, particu ad prior d pressure f there of listed of listed of listed of listed and 24: or liter addition | s avor? beat. | TH I | ATION | tor bar sveinnes a seitennets bedette ber jetegenet set and thister tor | ; ك |
| | | 31 SUMMARY OF POROUS ZONES: BHOW ALL INPORTAT ZONES OF POROSITI AND DEPTH INTERVAL TESTED, CUSHION USED, TIME | TORM! | and the state of trans | 014 |
| General: General: Dor both, p submitted and/or Sit If not nist them and hem 4: I hem 23: hem 23: hem 33: | Barene Side | 28 | | TERR Instructions and Epusce for Additional | |
| ७ 5 5 5 7 7 7 7 5 2 5 2 5 2 5 2 5 2 5 2 5 | | 6 | 177 | | |

| ANTA FE | | CONSERVATION COMMISSION | Form C-104 Supersedes Old C-104 and C-11 |
|---|---|---|--|
| FILE | | AND | Effective 1-1-65 |
| J.S.G.S. | | ANSPORT OIL AND NATURAL (| |
| LAND OFFICE | | AND ON TOTE AND NATURAL (| SAS (|
| TRANSPORTER OIL | | | |
| GAS | | | API 30-039-21753 |
| OPERATOR / | - | | |
| Operator El Paso Natural Gas | Company | | · · · |
| Address P.O. Box 289, Farmin | | ECEIV | ED |
| Reason(s) for filing (Check proper bo | | Other (Rlease explain) | |
| New Well | Change in Transporter of: | | 579 1 |
| Recompletion | Oll Dry Go | | |
| Change in Ownership | Casinghead Gas Conde | DIL CONSERVATIO | M DIVISION |
| If change of ownership give name and address of previous owner | | SANTA F | E |
| I. DESCRIPTION OF WELL AND | LEASE | | |
| Lease Name | Well No. Pool Name, Including F | | Loade Hor |
| San Juan 28-7 Unit | 252 Basin Dakota | State, <u>Federa</u> | Lor Fee SF 078498A |
| Location 7 | 00 - Nonth | 1850 | West |
| Unit Letter ; / | 90 Feet From The North Lin | ne and LOOU Feet From 7 | The WESL |
| Line of Section 32 To | ownship 28-N Range 7 | 7-W , NMPM, Ric | Arriba County |
| | | | D AITIDA County |
| I. DESIGNATION OF TRANSPOR Name of Authorized Transporter of O | TER OF OIL AND NATURAL GA | Address (Give address to which approx | yed copy of this form is to be sent) |
| El Paso Natural Gas | Company | P.O. Box 289, Farmingto | on, New Mexico 87401 |
| Name of Authorized Transporter of Co | asinghead Gas or Dry Gas 🕅 | Address (Give address to which approv | |
| El Paso Natural Gas | Company | P.O. Box 289, Farmingto | on, New Mexico 87401 |
| If well produces oil or liquids, | Unit Sec. Twp. Rge. | Is gas actually connected? Whe | en |
| give location of tanks. | C 32 28-N 7-W | | |
| If this production is commingled w V. <u>COMPLETION DATA</u> | ith that from any other lease or pool, | | · · · · · · · · · · · · · · · · · · · |
| Designate Type of Completi | on - (X) Oil Well Gas Well | New Well Workover Deepen | Plug Back Same Res'v. Diff. Res'v. |
| · · · · · | A | | |
| Date Spudded | Date Compl. Ready to Prod. | Total Depth | P.B.T.D. |
| 1-13-79 Elevations (DF, RKB, RT, GR, etc.) | 5-8-79 Name of Producing Formation | 7074' Top Oil/Gas Pay | 7056' Tubing Depth |
| 6036' GL | Dakota | 6828' | 7032' |
| | 0,6846,6920,6947,6953,695 | | Depth Casing Shoe |
| 7042' | | | 7074' |
| | | CEMENTING RECORD | |
| | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
| | 9 5/8'' | 214' | 224 cf 264 cf |
| <u> </u> | 4 1/2" | 7074' | 654 cf |
| 0_1/4 | | 7074 | tubing |
| A TEST DATA AND REQUEST F | FOR ALLOWABLE (Test must be a | | |
| OIL WELL | able for this de | pth or be for full 24 hours) | |
| Date First New Oil Run To Tanks | Date of Test | Producing Method (Flow, pump, gas lif | t, etc.) |
| | | | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbla. | |
| Actual Prod. During 1980 | | H4(6) - D2(8) | |
| ····· | | , | |
| GAS WELL | | | New York Contraction |
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, back pr.) | Tubing Pressure (shut-in) | Casing Pressure (Shut-in) | Choke Size |
| | 647 | 1594 | |
| I. CERTIFICATE OF COMPLIAN | ICE | | TION COMMISSION |
| | | APPROVED JUN 2019 | 179/ 19 |
| Commission have been complied | regulations of the Oil Conservation with and that the information given a best of my knowledge and ballef | AP. + | aux sinte |
| above is true and complete to th | e best of my knowledge and belief. | BY | the and the comments of the co |
| | | TITLE. <u>1883 And And</u> | |
| | | This form is to be filed in c | ompliance with RULE 1104. |
| Mary Stady | uld | If this is a request for allow | able for a newly drilled or deepened |
| , , , , | nature) | well, this form must be accompany tests taken on the well in accompany | nied by a tabulation of the deviation dance with RULE 111. |
| Drilling | | All pections of this form mu | at be filled out completely for allow- |
| | ille) | able on new and recompleted we | 118. |
| June 13, | 1080 | 17 | - |
| | | Fill out only Sections I, II | , III, and VI for changes of owner, er, or other such change of condition. |
| | <u>1979</u> ate) | well name or number, or transport | , III, and VI for changes of owner, er, or other such change of condition. |

| UNITED STATES | Budget Bureau No. 42-R1424 |
|--|---|
| | 5. LEASE |
| DEPARTMENT OF THE INTERIOR | |
| GEOLOGICAL SURVEY | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| OUNDRY NOTICES AND DEPORTS ON WELLS | 7. UNIT AGREEMENT NAME |
| SUNDRY NOTICES AND REPORTS ON WELLS | San Juan 28-7 Unit |
| (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.) | 8. FARM OR LEASE NAME |
| 1. oil gas y | San Juan 28-7 Unit |
| well well a other | 9. WELL NO |
| 2. NAME OF OPERATOR | |
| El Paso Natural Gas Company 3. ADDRESS OF OPERATOR | 10. FIELD OR WILDCAT NAME |
| P.O. Box 289, Farmington, New Mexico 87401 | 11. SEC., T., R., M., OR BLK. AND SURVEY OR |
| 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 | AREA Sec. 32, T-28-N, R-7-W |
| below.) | |
| AT SURFACE: 790'N, 1850'W AT TOP PROD. INTERVAL: | 12. COUNTY OR PARISH 13. STATE |
| AT TOTAL DEPTH: | Rio Arriba New Mexico |
| 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, | 14. API NO. |
| REPORT, OR OTHER DATA | 15. ELEVATIONS (SHOW DF, KDB, AND WD) |
| | 6036' GL |
| REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: | 2288 8 <u>288</u> 971 N D7 1 |
| TEST WATER SHUT-OFF | |
| SHOOT OR ACIDIZE | |
| | (NOTE: Report results of multiple completion or zone' 1573 |
| PULL OR ALTER CASING | change on Form 9–330.) |
| CHANGE ZONES | |
| ABANDON* | |
| (other) | 승규는 · 전화선물은 · 승규 학원들의 이 원. |
| including estimated date of starting any proposed work. If well is di measured and true vertical depths for all markers and zones pertinen | |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he | ermediate casing, 2864' set at 2876'. |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS inte Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement & 11.6#, production casing 7063' set |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement § 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, 0 | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement § 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. W. Perfed Dak. 6828,6834,6840,6846, |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS inte Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement § 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. K. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, 0 | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement § 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. K. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS inte Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement § 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. K. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ and 89,000 gal. treated water. Flushed w/4704 g | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement § 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. K. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ and 89,000 gal. treated water. Flushed w/4704 g | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement § 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. K. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ and 89,000 gal. treated water. Flushed w/4704 g | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement & 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. W. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand al. water. |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ and 89,000 gal. treated water. Flushed w/4704 g Subsurface Safety Valve: Manu. and Type 18. I hereby certify that the foregoing is true and correct | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement & 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. K. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand al. water. Set @ get a basis of the set of |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ and 89,000 gal. treated water. Flushed w/4704 g Subsurface Safety Valve: Manu. and Type Is. I hereby certify that the foregoing is true and correct SIGNED $1000000000000000000000000000000000000$ | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement & 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. K. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand al. water. Set @ 0 Ft. Set @ 0 Ft. Ft. April 30; 1979 ft. |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ and 89,000 gal. treated water. Flushed w/4704 g Subsurface Safety Valve: Manu. and Type 18. I hereby certify that the foregoing is true and correct | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement & 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. K. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand al. water. Set @ 0 Ft. Set @ 0 Ft. Ft. April 30; 1979 ft. |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ and 89,000 gal. treated water. Flushed w/4704 g Subsurface Safety Valve: Manu. and Type 18. I hereby certify that the foregoing is true and correct SIGNED | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement § 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. W. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand al. water. Set @ dot |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ and 89,000 gal. treated water. Flushed w/4704 g Subsurface Safety Valve: Manu. and Type Is. I hereby certify that the foregoing is true and correct SIGNED J. | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement & 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. K. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand al. water. of the set |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ and 89,000 gal. treated water. Flushed w/4704 g Subsurface Safety Valve: Manu. and Type 18. I hereby certify that the foregoing is true and correct SIGNED | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement & 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. K. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand al. water. of the set |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ and 89,000 gal. treated water. Flushed w/4704 g Subsurface Safety Valve: Manu. and Pype HAY | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement 4 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. K. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand al. water. of the temperature of temperature of the temperature of tempera |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ and 89,000 gal. treated water. Flushed w/4704 g Subsurface Safety Valve: Manu. and Type 18. I hereby certify that the foregoing is true and correct SIGNED | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement 4 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. K. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand al. water. of the temperature of temperature of the temperature of tempera |
| 1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS into Cemented w/264 cu. ft. cement. WOC 12 hours; he at 1770'. 1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# at 7074'. Float collar set 7056'. Cemented w/6 Top of cement at 2500'. 4-29-79: PBTD 7056'. Tested casing to 4000#, O 6920,6947,6953,6959,6979,6986,6999,7018,7042' w/ and 89,000 gal. treated water. Flushed w/4704 g Subsurface Safety Valve: Manu. and Pype HAY | ermediate casing, 2864' set at 2876'. 1d 1200#/30 minutes. Top of cement 4 11.6#, production casing 7063' set 54 cu. ft. cement. WOC 18 hours. K. Perfed Dak. 6828,6834,6840,6846, 1 SPZ. Fraced w/79,000# 40/60 sand al. water. of the temperature of temperature of the temperature of tempera |

•• • • •

| orm 9-331 sector and the sector and | Form Approved. Solution Content of the second seco | |
|---|---|--------|
| UNITED STATES | 5. LEASE | • . |
| | SF 078498A | |
| GEOLOGICAL SURVEY | | |
| SUNDRY NOTICES AND REPORTS ON WELLS | 7. UNIT AGREEMENT NAME | |
| Do not use this form for proposals to drill or to deepen or plug back to a different servoir. Use Form 9-331-C for such proposals.) | | |
| | 8. FARM OR LEASE NAME A AND A STATE SAN JUAN 28-37 Unit | |
| 1. oil gas 🖾 other | 9. WELL NO. | |
| 2. NAME OF OPERATOR | | |
| EL PASO NATURAL GAS CO. | 10. FIELD OR WILDCAT NAME | |
| 3. ADDRESS OF OPERATOR | Basin Dakota | |
| BOX 289, FARMINGTON, NEW MEXICO 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 32, T-28-N, R-7-W | |
| helow) | | |
| AT SURFACE: 790'N, 1850'W | 12. COUNTY OR PARISH 13. STATE | |
| AT TOP PROD. INTERVAL: AT TOTAL DEPTH: | Rio Arriba Rev Mexico | |
| 6. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, | - 14. API NO. 또한 제품 이 사용 문 법 | |
| REPORT, OR OTHER DATA | 15. ELEVATIONS (SHOW DF, KDB, AND WD) | |
| | 6036 GL | |
| EQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: EST WATER SHUT-OFF | | |
| | 운영·영상 이 문화 영상 것이 있는 것이 있는 것이 있는 것이 있다. | |
| | · 여러 기장 · · · · · · · · · · · · · · · · · · | |
| ULL OR ALTER CASING | (NOTE: Report results of multiple completion or zone change on Form 9–330.) | |
| | | |
| | | |
| CHANGE ZONES | · 변화분석 전 당동성이 한다. · · · · · · · · · · · · · · · · · · · | |
| BANDON≠ | · · · · · · · · · · · · · · · · · · · | |
| | Alburgend and a constant and a constant a constant | |
| BANDON * □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ | te all pertinent details, and give pertinent dates, | |
| BANDON ♥ | directionally drilled, give subsurface locations and | |
| BANDON * ☐ ☐ other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly station including estimated date of starting any proposed work. If well is of the starting any proposed work. | directionally drilled, give subsurface locations and | |
| BANDON * ☐ ☐ other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly station including estimated date of starting any proposed work. If well is of the starting any proposed work. | directionally drilled, give subsurface locations and nt to this work.)* | |
| BANDON* ☐ ☐ ☐ other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is of measured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface | directionally drilled, give subsurface locations and nt to this work.)* | |
| BANDON* bother) DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statistic including estimated date of starting any proposed work. If well is comeasured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8", 36# K-55 | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. | |
| BANDON* Describe PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8", 36# K-55 Cemented with 224 cu. ft. cement. Circu | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. | |
| BANDON* bother) DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statistic including estimated date of starting any proposed work. If well is comeasured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8", 36# K-55 | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. | |
| BANDON* Describe PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8", 36# K-55 Cemented with 224 cu. ft. cement. Circu | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. | |
| BANDON* Describe PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8", 36# K-55 Cemented with 224 cu. ft. cement. Circu | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. | |
| BANDON* Describe PROPOSED OR COMPLETED OPERATIONS (Clearly statisticulating estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8", 36# K-55 Cemented with 224 cu. ft. cement. Circu | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. | |
| BANDON* Describe PROPOSED OR COMPLETED OPERATIONS (Clearly statisticulating estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8", 36# K-55 Cemented with 224 cu. ft. cement. Circu | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. | |
| BANDON* Describe PROPOSED OR COMPLETED OPERATIONS (Clearly statisticulating estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8", 36# K-55 Cemented with 224 cu. ft. cement. Circu | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. | |
| BANDON* other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statistic including estimated date of starting any proposed work. If well is of measured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8", 36# K-55 Cemented with 224 cu. ft. cement. Circu held 600#/30 minutes. | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. lated to surface. WOC 12 hours; | |
| BANDON* Describe PROPOSED OR COMPLETED OPERATIONS (Clearly statisticulating estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8", 36# K-55 Cemented with 224 cu. ft. cement. Circu | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. | |
| BANDON* other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statistic including estimated date of starting any proposed work. If well is of measured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8", 36# K-55 Cemented with 224 cu. ft. cement. Circu held 600#/30 minutes. | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. lated to surface. WOC 12 hours; | |
| BANDON* other) I7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statistic including estimated date of starting any proposed work. If well is of measured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8", 36# K-55 Cemented with 224 cu. ft. cement. Circu held 600#/30 minutes. | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. lated to surface. WOC 12 hours; to be a surface with a subsurface location of the surface casing, 202' set at 214'. ft. The surface with a subsurface location of the surface casing, 202' set at 214'. ft. ft. ft. ft. ft. ft. ft. | |
| BANDON* | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing; 202' set at 214'. lated to surface. WOC 12 hours; Set @ Lated to surface. Set @ Lated to surface. T/17/79 | |
| BANDON* other) I7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statistic including estimated date of starting any proposed work. If well is of measured and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8", 36# K-55 Cemented with 224 cu. ft. cement. Circu held 600#/30 minutes. | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing; 202' set at 214'. lated to surface. WOC 12 hours; Set @ Lated to surface. Set @ Lated to surface. T/17/79 | |
| BANDON* | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing; 202' set at 214'. lated to surface. WOC 12 hours; Set @ Lated to surface. Set @ Lated to surface. T/17/79 | |
| BANDON* | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. lated to surface. WOC 12 hours; Set @ Set @ Hours and better the surface set of the surface | |
| BANDON* | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. lated to surface. WOC 12 hours; Set @ Set @ Hours and better the surface set of the surface | |
| BANDON* | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. lated to surface. WOC 12 hours; Set @ Set @ Hours and better the surface set of the surface | |
| BANDON* | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. lated to surface. WOC 12 hours; Set @ bare file use) DATE DATE | - - |
| BANDON* Image: Construct of the second starting any proposed work. If well is constructed and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/13/79: Ran 5 joints 9 5/8'', 36# K-55 Cemented with 224 cu. ft. cement. Composition of the second starting and true vertical depths for all markers and zones pertine 1/13/79: Spudded well. Drilled surface 1/14/79: Ran 5 joints 9 5/8'', 36# K-55 Cemented with 224 cu. ft. cement. Circu held 600#/30 minutes. Subsurface Safety Valve: Manu. and Type 18. I hereby certify that the foregoing is true and correct Signed Marca TITLE Drilling Cler (This space for Federal or State of APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY: | directionally drilled, give subsurface locations and nt to this work.)* hole. surface casing, 202' set at 214'. lated to surface. WOC 12 hours; Set @ DATE DATE DATE | · · · |

. .

| Form 9-331 C (May 1963) | | | SUBMIT IN TR (Other instruct | tions on Budget Bureau 1 | Vo. 42-R1425. |
|---|--|--|--|--|--|
| | | ED STATES | reverse si | <u>20-246-20</u> | 2653 |
| | | GICAL SURVEY | | 5. LEASE DESIGNATION AN | D SEBIAL NO. |
| | | | | 6. IF INDIAN, ALLOTTEE OF | TRIBE NAME |
| ······································ | FOR PERMIT | O DRILL, DEEP | EN, OR PLUG B | | |
| 1a. TYPE OF WORK | LL 🛛 | DEEPEN | PLUG BAG | K | E . |
| b. TYPE OF WELL OIL - GA | | e | INGLE [] MULTIP | San Juan 28 | -7 Unit |
| 2. NAME OF OPERATOR | SELL X OTHER | | ONE X ZONE | 8. FARM OF LEASE NAME | |
| | ural Gas Com | nany | A CAR | 9. WELL NO. | -/ UNIC |
| 3. ADDRESS OF OPERATOR | urar das con | pany | <u> </u> | 252 | |
| | Farmington, | | | 10. FIELD AND POOL, OR | FILDCAT |
| 4. LOCATION OF WELL (Re At surface | - | · · · | State requirements.*) | Basin Dakot | |
| C | | 50'W | · · · · · · · · · · · · · · · · · · · | 11. SEC., T., B., M., OB BLE AND SURVEY OR ABEA Sec. 32, T-28 | |
| At proposed prod. zone | e | | | NMPM | -N, K-7-W |
| 14. DISTANCE IN MILES A | ND DIRECTION FROM NEA | LEST TOWN OR POST OFFIC | E\$ | 12. COUNTY OR PARISIT 1 | 3. STATE |
| | of Abe's St | ore, NM | | Rio Arriba | NM |
| 15. DISTANCE FROM PROPO LOCATION TO NEAREST | | 1 | O. OF ACRES IN LEASE | 17. NO. OF ACRES ASSIGNED TO THIS WELL | |
| PROPERTY OR LEASE LI (Also to nearest drig | . unit line, if any) | 771 | Unit | W/ | 315.36/ |
| 18. DISTANCE FROM PROPO TO NEAREST WELL, DE OR APPLIED FOR, ON THE | ILLING, COMPLETED, | 1700 | roposed depth 7070 | 20. ROTARY OR CABLE TOOLS Rotary | • |
| 21. ELEVATIONS (Show whe | | | | 22. APPROX. DATE WORK | WILL START* |
| 6036'GR | | | | | |
| 23. | | ROPOSED CASING AN | D CEMENTING PROGRA | M | |
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT | |
| 13 3/4" | 9 5/8" | 32.3# | 200' | 224 cu.ft. to circ | |
| <u> </u> | | 20.0# | 2875' | 262 cu.ft.to cover | 2 |
| 6 1/4" | 4 1/2"line | r 11.6#-10.5 | # 7070' | 645 cu.ft.to fill | to 2875' |
| | | | | | |
| | | | | | |
| Selectively | perforate a | nd sandwater | fracture the | Dakota formation. | |
| | | | | | |
| A 3000 pei | WP and 6000 | nsi test dou | ble gate prev | enter equipped wit | h |
| blind and p | pipe rams wil | 1 be used fo | r blow out pi | evention on this w | ell. |
| - | - | | | | |
| m 1. 1 | | | | 1 - Charling and the | |
| This gas is | dedicated. | | | | |
| | | | | | Alie \$ |
| | | | | ار از موجوع میں ان محمد الاکر کی ان میں ان میں اور | |
| The $W/2$ of | Section 32 i | s dedicated | to this well. | * 1 | and the second s |
| IN ABOVE SPACE DESCRIBE zone. If proposal is to o preventer program, if any | drill or deepen directions | proposal is to deepen or p lly, give pertinent data (| plug back, give data on pr on subsurface locations ar | esent productive zone and proposed i d measured and true vertical depths. | iew productive Give blowout |
| 24. AI U | IR. | | | | |
| SIGNED | Allero | TITLE | Drilling | Clerk DATE Jan. | <u>31,1978</u> |
| (This space for Feder | ral or State office use) | <u> </u> | | | |
| PERMIT NO. | | | APPROVAL DATE | | |
| · · · · · · · · · · · · · · · · · · · | | <u>.</u> | | DFCFIV | |
| APPROVED BY | | TITLE | | | <u> </u> |
| CONDITIONS OF APPROV | AL, IF ANY : | | | | 0 |
| an Ola | °0 | | | FEB 2 197 | 0 |
| ilin CA. | 1 | *See Instructions | On Reverse Side | U. S. GEOLOGICAL SU | ovev. |
| | la de la companya de La companya de la comp | ~ | | DURANGO, COLO, | |

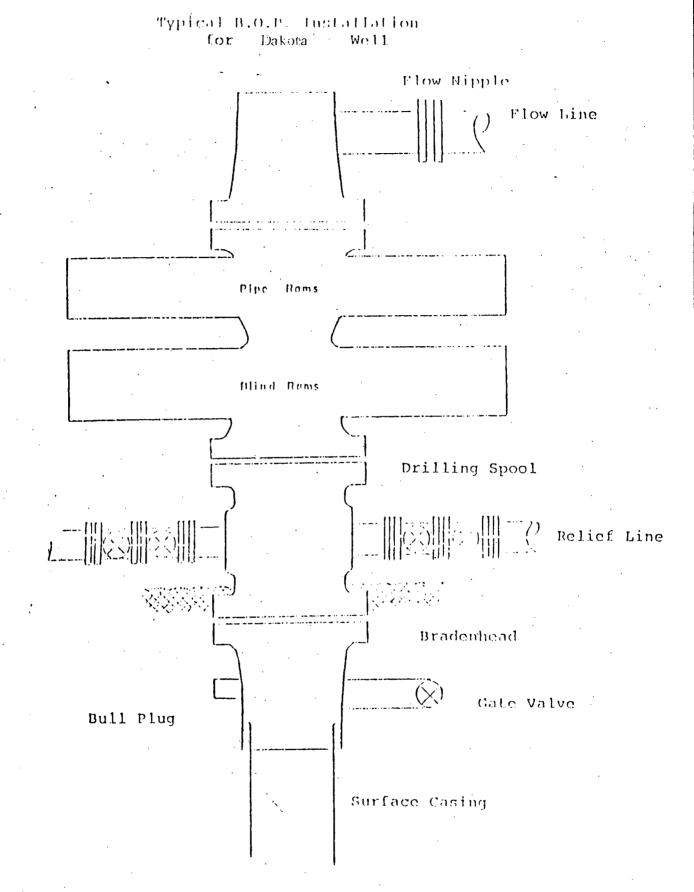
• *

-

.

| · | | All distance | s must be fro | m the outer | boundaries of | the Section | | | : : |
|--|--|---|--|---|--------------------------------|----------------------------------|---|--|--------------------------------------|
| perator | | | . 1 | Lease | | | SE_MANO | Weil No. | |
| El Paso Natur | | | | | uan 28-7 | | SF-078498 | 5) 252 | <u> </u> |
| C Sect | 32 | Township 28N | | P. ange | | County | 1 | | |
| Ctual Footage Location | | 2011 | | 7W | · | 017 | Arriba | | <u> </u> |
| 7 90 fee | t from the NC | orth | line and | 1850 | fer | t from the | West | line | |
| round Level Elev. | Producing For | | | Pool | | | | Dedicated Acreage | : |
| 6036 | Dakota | | | | Basin D | akota | / | 315.36 | Acı |
| Outline the ac If more than a interest and ro | one lease is yalty). | dedicated to | o the well, | outline e | ach and ide | entify the | ownership t | hereof (both as t | |
| this form if nec No allowable w | unitization, u No If an no,' list the :essary.) ill be assigne | nitization, fo nswer is "ye owners and t ed to the wel | orce-pooling s," type of tract descri until all i | g. etc? consolida ptions wh nterests l | tion ich have a ave been | Unit ctually be consolidat | ization en consolid ted (by com | | se side |
| **** | | XXXXXXX XX | | i | | | | CERTIFICATION | |
| 1850' | - <u></u> - <u></u> | 771' X | | | | | tained he best of m Name | certify that the infor rein is true and com y knowledge and bel Succe ng Clerk | plete to t ief. |
| SF-(| 1 278498 | Sec | | · | | | Position El Pas Company | o Natural y 31, 1978 | |
| | | | 32 | | | | shown on notes of under my is true o | certify that the w this plat was plotte actual surveys mad supervision, and th and correct to the e and belief. | d from fie le by me at the sai |
| | + | | | + | <u> </u> | · | Novemb | red Der 27, 1977 Professional Engine | |

•



Scrics 900 Double Gate BOP, rated at 3000 psi Working Pressure When gas drilling operations begin a Shaffer type 50 or equivalent rotating head is installed on top of the flow nipple and the flow line is converted into a blowie line.