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| SANTA FE               |                                                                         |
| FILE                   |                                                                         |
| U.S.G.S.               |                                                                         |
| LAND OFFICE            |                                                                         |
| TRANSPORTER            | OIL <input checked="" type="checkbox"/><br>GAS <input type="checkbox"/> |
| OPERATOR               |                                                                         |
| PRORATION OFFICE       |                                                                         |

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-111  
Effective 1-1-65

|                                                  |                                                                             |
|--------------------------------------------------|-----------------------------------------------------------------------------|
| Operator<br>EL PASO NATURAL GAS CO.              |                                                                             |
| Address<br>BOX 990, FARMINGTON, NEW MEXICO       |                                                                             |
| Reason(s) for filing (Check proper box)          | Other (Please explain)                                                      |
| New Well <input type="checkbox"/>                | Change in Transporter of:                                                   |
| Recompletion <input checked="" type="checkbox"/> | Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>               |
| Change in Ownership <input type="checkbox"/>     | Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> |

If change of ownership give name  
and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

|                                                                                                                                                                                                                           |                                                                        |                                        |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------|------------------|
| Lease Name<br>SAN JUAN 29-7                                                                                                                                                                                               | Well No. Pool Name, Including Formation<br>80 (OWWO) BLANCO MESA VERDE | Kind of Lease<br>State, Federal or Fee | Lease No.<br>FEE |
| Location<br>Unit Letter <u>K</u> : <u>1650</u> Feet From The <u>SOUTH</u> Line and <u>1650</u> Feet From The <u>WEST</u><br>Line of Section <u>9</u> Township <u>29N</u> Range <u>7W</u> , NMPM, <u>RIO ARRIBA</u> County |                                                                        |                                        |                  |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

|                                                                                                                                                     |                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/><br>EL PASO NATURAL GAS CO.         | Address (Give address to which approved copy of this form is to be sent)<br>BOX 990, FARMINGTON, NEW MEXICO |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/><br>EL PASO NATURAL GAS CO. | Address (Give address to which approved copy of this form is to be sent)<br>BOX 990, FARMINGTON, NEW MEXICO |
| If well produces oil or liquids,<br>give location of tanks.                                                                                         | Unit Sec. Twp. Rge. Is gas actually connected? When                                                         |
| K 9 29N 7W                                                                                                                                          |                                                                                                             |

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

IV. COMPLETION DATA

|                                                                                                                                                                                                                                                     |                                      |                      |                            |          |        |           |             |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------|----------------------------|----------|--------|-----------|-------------|--------------|
| Designate Type of Completion - (X)                                                                                                                                                                                                                  | Oil Well                             | Gas Well             | New Well                   | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
|                                                                                                                                                                                                                                                     |                                      | X                    |                            | X        | X      |           | X           |              |
| Date Spudded<br>5/18/78                                                                                                                                                                                                                             | Date Compl. Ready to Prod.<br>6/8/78 | Total Depth<br>5688' | P.B.T.D.<br>5671'          |          |        |           |             |              |
| Elevations (DF, RKB, RT, GR, etc.)<br>6182' GL                                                                                                                                                                                                      | Name of Producing Formation<br>MV    | Top Gas Pay<br>4755' | Tubing Depth<br>5593'      |          |        |           |             |              |
| Perforations 4755, 4760, 4765, 4782, 4788, 4793, 4802, 4805, 4897, 4915, 4924, 5066,<br>5074, 5081 w/1SPZ. 5165, 5175, 5199, 5205, 5213, 5219, 5225, 5231, 5237, 5243, 5287,<br>5313, 5327, 5351, 5373, 5423, 5467, 5511, 5535, 5581, 5597' w/1 SPZ |                                      |                      | Depth Casing Shoe<br>5688' |          |        |           |             |              |
| HOLE SIZE                                                                                                                                                                                                                                           | CASING & TUBING SIZE                 | DEPTH SET            | SACKS CEMENT               |          |        |           |             |              |
| 12 1/4"                                                                                                                                                                                                                                             | 9 5/8"                               | 215'                 | 125 sks                    |          |        |           |             |              |
| 8 3/4"                                                                                                                                                                                                                                              | 7"                                   | 4695'                | 225 sks                    |          |        |           |             |              |
| 6 1/4"                                                                                                                                                                                                                                              | 4 1/2"                               | 5688'                | 235 cu. ft.                |          |        |           |             |              |

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (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)

|                                 |                 |                                               |            |
|---------------------------------|-----------------|-----------------------------------------------|------------|
| 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 |
| Actual Prod. During Test        | Oil - Bbls.     | Water - Bbls.                                 | Gas - MCF  |

GAS WELL

|                                  |                                  |                                  |                       |
|----------------------------------|----------------------------------|----------------------------------|-----------------------|
| Actual Prod. Test - MCF/D        | Length of Test                   | Bbls. Condensate/MMCF            | Gravity of Condensate |
| Testing Method (pilot, back pr.) | Tubing Pressure (Shut-in)<br>392 | Casing Pressure (Shut-in)<br>860 | Choke Size            |

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

A. B. Buices  
(Signature)

Drilling Clerk

(Title)

7/25/78

(Date)

OIL CONSERVATION COMMISSION

APPROVED JUL 28 1978, 19

BY Original Signed by A. B. Buices

TITLE SUPERVISOR

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied 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 wells.

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

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

This well was originally drilled in 1953 by Southern Union Gas Co. as the Candelaria #1. EPNGL took over operatorship in 1965 and the well name was changed to the San Juan 29-7 Unit #80. No drilling records are in the file, but the following pipe records have been found. Well spudded 6-12-53 by Gardner Bros. Drilling. Surface casing 9 5/8", 31.3# J-55 casing set at 215'. Cemented w/125 sks. Circulated to surface. 7", 20# J-55 casing set at 4695'. Cemented w/225 sks. Top of cement at 3720'. 2 3/8", 4.7# Tubing set at 5126'. Shot well in open hole section, 4732-5410' w/1660 qts nitrogen. Because of communication between casing and tubing this well was workover as follows:

5/18/78: Dwinell Bros. moved on to workover. Attempted to pull stuck tubing, cut off at 4758'.

5/19/78: Set retainer at 4519'. Squeezed open hole w/150 sks cement. Perfed squeeze hole at 2180'. Set cement retainer at 2099'. Squeezed w/100 sks cement. Spotted 25 sks of cement from 767-892. 5/21/78: Pressure tested, did not hold. Isolated hole between 2156-2218'. Set retainer at 1938'. Squeeze below retainer w/125 sks cement. Pressure tested, did not hold.

5/23/78: Set retainer at 1848'. Squeezed w/125 sks cement. Tested, held ok.

5/25/78: Drilled out cement at 4667' and started drilling side track hole.

5/28/78: Reached T.D. 5688' and logged. Ran 172 joints, 4 1/2", 10.5# K-55 production casing 5677' set at 5688'. Float collar set at 5671'. Cemented with 235 cu. ft. cement. WOC 18 hours. Top of cement 3000'.

5/29/78: BPTD 5671'. Tested casing to 4000#, held OK. Perfed P.L. 5165, 5175, 5199, 5205, 5213, 5219, 5225, 5231, 5237, 5243, 5287, 5313, 5327, 5351, 5373, 5423, 5467, 5511, 5535, 5581, 5597' w/1 SPZ. Fraced w/77,000# 20/40 sand and 154,000 gal. water. Flushed w/7000 gal. water.

5/30/78: Perfed C.H. and Men. 4755, 4760, 4765, 4782, 4788, 4793, 4802, 4805, 4897, 4915, 4924, 5066, 5074, 5081' w/1 SPZ. Fraced w/50,000# 20/40 sand and 100,000 gal. water. Flushed w/5000 gal. water.

6/1/78: Ran 176 joints 4.7# Class B Tubing 5583' set at 5593'. S.N. set at 5561'.

6/8/78: Date of completion.