

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.  
SF-078766

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
ROSA UNIT #138

9. API Well No.  
30-045-29147

10. Field and Pool, or Exploratory Area  
PICTURED CLIFFS/BLANCO MESAVERDE

11. County or Parish, State  
SAN JUAN, NEW MEXICO

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NORTHWEST PIPELINE CORP.

3. Address and Telephone No.  
PO BOX 58900 MS 2M3 SLC UTAH 84158-0900 (801)584-6981

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2218' FSL 580' FEL SEC. 17, T31N, R6W

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent  
 Subsequent Report  
 Final Abandonment

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OIL COLL. DIV.  
DIST. 3

- Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other COMPLETION OPERATIONS

TYPE OF ACTION

- Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water  
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

10-07-94  
CO to FC @ 6053'. Rig up Basin Perforators. Perforated Point Lookout as follows: 5713', 5720', 5722', 5724', 5726', 5728', 5736', 5738', 5740', 5742', 5744', 5747', 5749', 5751', 5753', 5763', 5766', 5769', 5772', 5775', 5778', 5781', 5784', 5787', 5804', 5807', 5810', 5813', 5816', 5819', 5822', 5847', 5857', 5875', 5897', 5900', 5903', 5906', 5918', 5945'. Total of 40 .36" holes.

10-08-94  
Stimulated Point Lookout with 535 bbl pad of slick water followed by 65,000# of 20/40 sand at 1 - 2 ppg. Job completed at 1000 hrs 10/7/94. ISIP = 1700#; 15 min. = 200#; 30 min. = 0#. AIR = 70 BPM, ATP = 2300#, MIR = 74 BPM, MTP = 2300#. Total fluid = 1622 bbls. Set CIBP @ 5705'. TIH and spot 500 gal of 7-1/2% HCl. Perforated Menefee and Cliffhouse at 5443', 5445', 5479', 5490', 5492', 5494', 5496', 5498', 5500', 5502', 5504', 5518', 5520', 5522', 5524', 5545', 5570', 5572', 5574', 5576', 5578', 5580', 5589', 5591', 5593', 5602', 5604', 5606', 5609', 5611', 5639', and 5682'. Total of 32 .36" dia holes.

CONTINUED ON PAGE 2

14. I hereby certify that the foregoing is true and correct  
Signed MARK MCCALLISTER *Mark McCallister* Title SR. ENGINEER Date 10/25/94

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any.

ACCEPTED FOR RECORD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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\*See Instruction on Reverse Side

NMOCO

FARMINGTON DISTRICT OFFICE  
SM

10-09-94  
Fraced well with a 480 bbl pad of slick water, followed by 42,400# of 20/40 sand at 1 - 2 ppg. Job completed at 0730 hrs 10/8/94. ISIP = 1010#, 15 min. = 0#. ATP = 2670#, AIR = 60.8 BPM, MTP = 3140#, MIR = 60.8 BPM. Total fluid = 1165 bbls. Set RBP at 3375'. Pressure tested RBP to 3300# - OK. Perforate PC at 3240' - 3244', 3247' - 3261', 3279' - 3299', 3305' - 3315', and 3323 - 3331'. Total of 33 holes (0.36" dia.). Western fraced with 214 bbl pad of 65 quality foam followed by 113,200# of 20/40 sand at 1 - 4 ppg. Job completed at 1800 hrs 10/8/94. ISIP = 1930#. AIR = 25 BPM, ATP = 3100#, MIR = 30 BPM, MTP = 3300#. Used 428 bbls of 30# borate crosslinked gel.

10-15-94  
RU wireline and set an Arrowdrill production packer at 4000'.

Mesa Verde tubing: Ran 186 jts. (5879') of 1-1/2", 2.9#, J-55, EUE 10rd tubing as follows: 1/2 mule shoe on bottom, SN (1.375" ID @ 5884') on top of bottom jt., 59 jts of tail pipe, 3 unit seal assembly, 125 jts of tubing, 3 (3', 8', 10') 2-1/16" 3.25# J-55 1J 10rd pups and one full jt below tbg. hanger. Landed @ 5915' KB.

Pictured Cliffs tubing: Ran 106 jts (3324') of 1-1/2", 2.9#, J-55, EUE 10 rd as follows: Orange peeled perf nipple (5.45') on bottom, SN (1.375" ID @ 3303') on top of bottom jt., 105 jts of tubing. Landed @ 3339' KB.

Rig released @ 1500 hours 10-15-94.

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

Form C-104  
 Revised February 21, 1994

Instructions on back  
 Submit to Appropriate District Office  
 5 Copies

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

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address NORTHWEST PIPELINE CORP. P.O. BOX 58900 MS 2M3 SALT LAKE CITY, UTAH 84158-0900		<sup>2</sup> OGRID Number 016189
		<sup>3</sup> Reason for Filing Code NW
<sup>4</sup> API Number 30-045-29147	<sup>5</sup> Pool Name PICTURED CLIFFS	<sup>6</sup> Pool Code 7319
Property Code 008480	<sup>8</sup> Property Name ROSA UNIT	<sup>9</sup> Well Number #138

II. <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West	County
I	17	31N	6W		2118'	SOUTH	580'	EAST	SAN JUAN

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West	County
						line		line	
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code D	<sup>14</sup> Gas Connection Date		<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date		<sup>17</sup> C-129 Expiration Date		

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
008471	GARY WILLIAMS ENERGY 310 17TH ST. SUITE 5300 DENVER CO 80202	3513414	O	I 17 31N 6W
025244	WILLIAMS FIELD SERVICES ATTN: GLENNA BITTON PO BOX 58900 MS 1A2 SALT LAKE CITY UTAH 84158-0900	3513415	G	

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IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
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OIL CON. DIV.  
 DIST. 3

V. Well Completion Data

<sup>25</sup> Spud Date 8/7/94	<sup>26</sup> Ready Date 10/15/94	<sup>27</sup> TD 6075'	<sup>28</sup> PBT 6055'	<sup>29</sup> Perforations 3240' TO 3331'
<sup>30</sup> Hole Size	<sup>31</sup> Casing & Tubing Size	<sup>32</sup> Depth Set	<sup>33</sup> Sacks Cement	
12-1/4"	9-5/8" 36# K-55	521'	300 SX	
8-3/4"	7" 20# K-55	3675'	600 SX	
6-1/4"	4-1/2" 10.5# K-55	3579' TO 6075'	240 SX	
	1-1/2" 2.9# J-55	3339'	N/A	

VI. Well Test Data

<sup>34</sup> Date New Oil	<sup>35</sup> Gas Delivery Date	<sup>36</sup> Test Date 10/19/94	<sup>37</sup> Test Length 3 HOURS	<sup>38</sup> Tbg. Pressure 560#	<sup>39</sup> Csg. Pressure 1305#
<sup>40</sup> Choke Size 2"	<sup>41</sup> Oil	<sup>42</sup> Water	<sup>43</sup> Gas 1295	<sup>44</sup> AOF	<sup>45</sup> Test Method PITOT

<sup>46</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Mark McCallister*

Printed name: MARK MCCALLISTER

Title: SR. ENGINEER

Date: October 21, 1994

Phone: (801)584-7103

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY ERNIE BUSCH

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approval Date: NOV - 7 1994

<sup>47</sup> If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
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Temporary Approval for 60 days for a Pkr test