

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back a well or to  
Use "APPLICATION FOR PERMIT—" for proposals.)

OIL ☐ GAS ☒ OTHER ☐

2. NAME OF OPERATOR

Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR

P.O. Box 90, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)

At surface

2220' FWL and 1970' FSL NE/SW

BUREAU OF LAND MANAGEMENT  
ADMINISTRATIVE RESOURCE AREA

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6870' KB

5. LEASE DESIGNATION AND SERIAL NO.

NM-012332

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 30-5 Unit

8. FARM OR LEASE NAME

San Juan 30-5 Unit

9. WELL NO.

#102

10. FIELD AND POOL, OR WILDCAT

Basin Dakota/WC Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 34, T30N, R5W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. 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.)\*

8-8-84 CO to 8275' KB. w/ 3-7/8" bladed mill on 2-3/8" tubing.

8-9-84 Pressure tested csg. to 4200# - held OK. Circ. hole w/ 0.5 gal of friction reducer/1000 gal & 1% KCl. Spotted 500 gal of 7-1/2% HCl across Dakota perf interval. Ran GR/CCL and perfed 14 holes at 1SPF from 8193' to 8230' and from 8240' to 8243'.

Established a rate of 27.5 BPM @ 4000# with slick water. ISIP = 1800#. Dropped 30 1.1SG balls in 500 gal of 15% HCl and balled off. Ran junk basket recovered 22 balls with 8 hits. Frac'd well w/ 10,000 gal pad of 30# crosslinked gel w/ 1% KCl and fraced with 20,000# of 40/60 sand at 1 ppg, 10,000# of 40/60 at 2 ppg, 7000# of 20/40 at 2 ppg and 23,000# of 20/40 at 3 ppg. AIR - 22 BPM, ATP - 3900#, MIR - 25 BPM MTP - 4200#, ISIP - 2900#, 1 hr - 2300#. Total fluid to recover - 2167 bbls. Set Howco top drillable bridge plug at 8150' KB. Pressure tested csg and plug to 4200# - held OK.

Spotted 500 gal of 7-1/2% HCl across Lower Gallup. Perfed 21 holes from 7382' to 7838'.

8-10-84 Pumped into Lower Gallup and est @ rate of 34 BPM @ 4000#, ISIP 2300#. Dropped 40 balls in 500 gals 15% HCl. No ball action. Dropped 40 balls in 500 gals 15% HCl. Good ball action. Balled off @ 4300#. Ran junk basket and recovered 37 balls w/ 18 hits. Pumped 10,000 gal pad of treated water and 7600# 20/40 sand @ 1/2 ppg. Went on flush. Re-established a rate of 33 BPM @ 3900#. Pumped a 5250 gal pad of treated water & 34,401# 20/40 sand @ 1/2 ppg. Total sand on formation is 42,001#. ISIP - 2500, 15 min - 2400, 30 min - 2300#, 60 min - 2250#. AIR - 19 BPM, MIR = 34 BPM, ATP = 4000#, MTP = 4200#. Total of 2865 bbls to recover. Set Howco drillable bridge plug @ 7370' KB. Pressure tested BP to 4200# held OK. Spotted 500 gals 7-1/2% HCl across upper Gallup

18. I hereby certify that the foregoing is true and correct

SIGNED

Linda S. Marques

TITLE

Production & Drilling Clerk

DATE

8-24-84

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DATE

1sm/4

\*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

RV

8-10-84 Con'd

perf interval. Perforated 22 holes from 6826' to 7323'. Pumped into Upper Gallup and established a rate of 37 BPM @ 3950#. ISIP 2100#. Dropped 40 balls in 500 gals 15% HCl. Balled off @ 4000#. Ran junk basket and could not get below 6863'. TIH w/ 3-7/8" mill on 2-3/8" tbg. Worked tight spot.

8-11-84 Estimated a rate of 34 BPM @ 3700# w/ 10,000 gal pad treated water. Fraced Upper Gallup w/ 10,458# 20/40 sand @ 1/2 ppg. Well screened off. AIR 25 BPM, MIR 34 BPM, ATP 4000#, MTP 4200#. Fraced Upper Gallup w/ 10,000 pad 30#/1000 gal Guar w/ 1% KCl, 20,000# 40/60 sand @ 1/2 to 1-1/2 ppg & 10,000# 20/40 sand @ 1-1/2 ppg No Flush. ISIP 1800#, 15 min 1500#, AIR = 9 BPM, MIR 9.5 BPM, ATP = 4000#, MTP = 4200#. Job completed @ 0415 hrs. 8-12-84. Total sand on formation is 20,000#, 40/60 and 20,458# 20/40 sand. Working tight spots in csg.

8-12-84 - 8-13-84 Working tight spots in csg.

8-14-84 Working tight spots in csg. CO to BP @ 7370'. Drilled BP @ 7370'. Lower Gallup unloaded.

8-15-84 Blowing well in Gallup after frac. CO to BP @ 8150'. Gauged well @ 354 MCFD.

8-16-84 - 8-19-84 Blowing well in Gallup after frac.

8-19-84 Ran 233 jts. (6983') of 2-3/8", 4.7#, EUE, CF&I smls tbg and landed at 6995' KB. Rig Released.

NOW WAITING ON GALLUP IP TEST.