

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

SF-078999

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐	7. UNIT AGREEMENT NAME San Juan 31-6 Unit
2. NAME OF OPERATOR Northwest Pipeline Corporation	8. FARM OR LEASE NAME San Juan 31-6 Unit
3. ADDRESS OF OPERATOR 3539 East 30th Street - Farmington, NM 87402	9. WELL NO. #216
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1162' FNL & 1200' FEL NE/NE	10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal
14. PERMIT NO. API #30-039-25017	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T31N, R6W
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6507' GR	12. COUNTY OR PARISH Rio Arriba
	13. STATE NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) ☐	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(Other) ☒ Completion Operations	

(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.)*

12-10-90: RU for completion.

12-11-90: Drilled cement to shoe at 3107'. TD'd well at 3321'. Estimated top of PC at 3323'.

12-12-90: Cleaned well at TD.

12-13 thru 12-16: Blowing well.

12-17-90: Dry watch. WO frac crew.

12-18-90: Dry watch. TIH & CO to TD & TOH to frac well.

12-19-90: Pulled frac equipment with cat to location & RU same. TIH & CO 3' of fill to TD. Blew well. At 2400 hrs laid 9 jts down & TOH. ND BOP & NU frac head.

12-20-90: Finished RU. Pressure tested lines. Established a rate of 110 BPM at 2900# during a pad of 70 quality foam w/ 30# guar gel & 2% KCL. Fraced well with 20,000# 40/70 sand, 197,000# 12/20 sand & 30,000# 16/30 resin coated sand. AIR=85 BPM, ATP=2563#, MIR=110 BPM, MTP=3200#. Flushed with 124 bbls gel. Total fluid=1320 bbls. Job complete at 1030 hrs 12-20-90.
(continued on back)

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

SIGNED

Carrie Harmon

TITLE

P&D Field Office Assistant

DATE

1-3-91

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

JAN 10 1991

FARMINGTON RESOURCE AREA

BY

*See Instructions on Reverse Side

12-21-90: Flowing well after frac.

12-22-90: Flowing well after frac.

12-23-90: TIH to TD after gauge & CO 11' of soft fill. No frac sand in returns. Blew hole with air. PU to casing to gauge well. TIH to TD & CO 11' of soft fill. Blew hole with air. TOH for casing. Ran 7 jts (309.16') of 5-1/2", 15.5#, K-55, ST&C, CF&I sm's casing. Ran Baker V-set shoe on bottom and Baker HI-fto 3 liner hanger. TIH to 3319'. Tried to circulate to bottom. No progress. Starter out on power swivel power pack. Attempt to pull up into 7" csg. Got stuck at 3235'.

12-24-90: Repaired power swivel. Liner stuck at 3235'. Worked pipe. Attempted to set liner hanger. Got stuck. Loaded backside with water and pressured up. Pipe came free. TIH to 3319'. Hung 25,000# on derrick and shut well in. Drained pumps and lines. Shut down until 12-29-90.

12-29-90: Rig repairs completed at 1730 hrs 12-29-90. Pipe stuck. Worked pipe free. TIH to 3317' KB. CO 2' of fill. Set liner 7 jts (309.16') of 5-1/2", 15.5#, K-55, ST&C, CF&I sm's casing set from 3319' to 3010' KB. TIH & LDDP.

12-30-90: Finished LDDP. Liner top at 3018' (correlated to mud log). Perforated following intervals with 2 spf .75" holes: 3317'-3323', 3294'-3314', 3259'-3276', 3225'-3236', 3162'-3170'. Total 124 holes. Ran 107 jts (3273') of 2-3/8", 4.7#, J-55, 8rd, USS sm's tbg, 1.78" bore SN with expendable check on bottom. 2-3/8" rams leaking, unable to set donut. TOH with tbg to repair rams.

12-31-90: Repaired rams. Landed tbg at 3287' KB. ND BOP stack & NU wellhead. Pumped out expendable check. Rig released at 2400 hrs 12/31/90.