7orm 3160-5 iovember 1983) Formerly 9-331)

16

FRACTURE TREAT

UNITED STATES DEPARTMENT OF THE INTERIOR Verse side)

SUBMIT IN TRIPLICATE. instructions

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

5. LEASE DESIGNATION AND SERIAL NO.

SUBSECUENT REPORT OF :

REAU OF LAND MANAGEMENT	SF 078740

	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.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
_		7. UNIT AGREEMENT NAME
	OIL GAS WELL OTHER	San Juan 30-5 Unit
	NAME OF OPERATOR	8. FARM OR LEASE NAME
	Northwest Pipeline Corporation	San Juan 30-5 Unit
	ADDRESS OF OPERATOR	9. WELL NO.
	P.O. Box 90, Farmington, N.M. 87499	#97
	LOCATION OF WELL (Report location clearly and in accordance with any State reparements.)	10. FIELD AND POOL, OR WILDCAT
	1580 FNI & 810 FFI SE/NF	Basin Dakota
	1580 FNL & 810 FEL SE/NE	11. SEC., T., R., M., OR BLE. AND SURVEY OR ARKA
_		Sec 29, T30N, R5W
4.	PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
_	= 6868 to KB = 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 100 € 10	Rio Arriba N.M.

TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF MULTIPLE COMPLETE FRACTURE TREATMENT ALTEBING CASING ABANDON* SHOOTING OR ACIDIZING

SHOOT OR ACIDIZE Drlg Operations REPAIR WELL CHANGE PLANS (Norz: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other)

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.) * proposed work. I nent to this work.)

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

1-26-84 MOL & RU. Spudded well at 2000'.

NOTICE OF INTENTION TO:

1-27-84 Ran 9 jts 9-5/8", 36#, K-55, ST&C CF&I smls csg & set at 385' KB. Cmt'd w/ 200 sx (238 cu.ft) Cl "B" w/ 1/4# gel flake/sk & 3% CaCl₂. Displaced w/ 28 bbls wtr. Plug down at 0600 hrs 1-27-84. WOC. Surface cmt fell back 18'. Pumped 3 bbls C1 "B" w/ 1/4# gel flake/sk & 3% CaCl2. Circ 2 bbls to surface. Pressure tested csg to 1200# held OK. Drlq.

1-28-84 to 1-30-84 Drlq ahead.

1-31-84 to 2-1-84 Ran 101 jts of 7", csg - 44 jts of 7", 23#, K-55, ST&C CF&I smls & 57 jts of 7" 20#, K-55, ST&C CF&I smls csg & set at 4167' KB w/ FC @ 4127' KB. Cmt'd w/ 110 sx (241 cu.ft) C1 "B" 65/35 poz w/ 12% gel. Tailed in w/ 75 sx (89 cu.ft) C1 "B" w/ 2% CaCl2. Plug displaced w/ 168.5 bbls of wtr & down at 1430 hrs 1-31-84. R&G set 69,000# on slips and made cut off. Ran temp survey and found TOC @ 2800' & PBTD @ 4075'. After 12 hrs - pressure tested csq to 1500# for 30 min - held OK. Blew down. Well dusting at 0415 hrs 2-1-84

2-2-84 Drlg w/ gas.

2-3-84 to 2-4-84 Reached TD of 8323' KB. Ran GR/IEL & SNL/CDL logs. Ran 210 jts of 4-1/2", 56 jts (11.6#, K-55, ST&C CF&I & Armco smls and 154 jts 4-1/2" 10.5# K-55, ST&C USS & Armco smls & set at 8323' KB. FC @ 8311' KB. Cmt'd w/ 250 sx (543 cu.ft) C1 "B" w/ 8% gel & 12-1/2# fine gils/sk & 0.4% retarder. Tailed in w/ 100 sx (118 cu.ft) C1 "B" w/ 1/4# fine tuf-plug/sk & 0.4% retarder. Preceded w/

40 bbls gel wtr. Plug displaced w/ 131 bbls wtr. Plug down at 1145 hrs. Ran temp CONTINUED ON REVERSE SIDE

is. I hereby certify that the foregoing is true and correct		
SIGNED Donna & Brace TI	TLE Production Clerk	2-8-84 DATE
Donna (1 / Brace		
(This space for Federal or State office use)		

APPROVED BY CONDITIONS OF APPROVAL, IF ANY: DAFF B

djb/2

*Sea: Instructions on Reverse Side

NOW WEITING ON COMPLETION.

2-3-84 - 2-4-84 Survey and found TOC @ 3500' KB. (Intermediate csg @ 4167'). Rig released.