Form 9-331 Dec. 1973 Form Approved. Budget Bureau No. 42-R1424

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	_
5. LEASE	
SF 078738	
E ICINDIAN ALLOTTEE OF TRIBE NAME	

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
SUITURE for proposals to drill or to deepen or plug beginta addifferents	San Juan 30-5 Unit
Do not use this form for proposals to drill or to deepen or plug pack to addifference eservoir. Use Form 9-331-C for such proposals.)	TARM OR LEASE NAME
1. oil gas a	Sa Juan 30-5 Unit
well well tother MAY 22 1	O. WELL NO.
2. NAME OF OPERATOR	#83
MULLIMEST SIDELING COLDOLOGION	Mo. MELD OR WILDCAT NAME Basin Dakota
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 8740	1. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA Sec 23, T30N, R5W
below.)	12. COUNTY OR PARISH 13. STATE
AT SURFACE: 950' FWL & 1480' FSL AT TOP PROD. INTERVAL: Same as above	Rio Arriba N.M.
AT TOTAL DEPTH: Same as above	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	30-039-22728
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
NELONI, ON OTHER DIM	679Q' GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT) <u> </u>
TEST WATER SHUT OFF	
FRACTURE TREAT	
SHOOT OR ACIDIZE	(NOTE: Report results of multiple completion or zone
REPAIR WELL PULL OR ALTER CASING	change on Form 9-330.)
MULTIPLE COMPLETE ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	
CHANGE ZONES	Page #1 of 2
ABANDON* (other) Spud, surface csg, Intermediate, liner se	et.
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stational control of the c	ent to this work.)* at 1145 hrs 5-6-81. Ran 9 jts I & set at 374'. Woodco flake/sx & 3% CaCl ₂ . Plug down at
5-8-81 Drld to a depth of 3610'.w/ wtr.	
5-19-81 Drld to a depth of 4020'. Ran 98 (& set at 4020'. Cmt'ed w/ 100 sx 65/ 75 sx C1 "B" w/ 2% CaCl2. Dispalced (2245 hrs. Did not circulate behind 7 at 2760'.	plug w/ 161.5 bbls and down at
5-10-81 WOC. 5-11-81 to 5-12-81 Drlg ahead to a depth o	f 7811' w/ gas.
5-13-81. Ran IES & Neutron Density GR logs Subsurface Safety Valve: Manu. and Type	. EDDF. Set @ Ft.
18. I hereby certify that the foregoing is true and correct	5 10 07
SIGNED Donna J. Brace (This space for Federal or State	ACCEPTED FOR RECORD
(This space for Federal or State	office use)
APPROVED BYTITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	ENTIAL FARMINGTUN DISTRICT
- Made Manager (1997年) - The Company of the	BY - G D) res

Form Approved.

Form 9-331 Budget Bureau No. 42-R1424 Dec. 1973 UNITED STATES 5. LEASE DEPARTMENT OF THE INTERIOR SF 078738 6. IF INDIAN, ALLOTTEE OR TRIBE NAME GEOLOGICAL SURVEY > UNIT AGREEMENT NAME SUNDRY NOTICES AND REPORTS ON WELLS , **San** Juan 30-5 Unit (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir, Use Form 9-331-0 for such proposals.) . 85 FARM OR LEASE NAME San Juan 30-5 Unit X WELL NO. other well Wall <u>#</u>83 2. NAME OF OPERATOR **BELD OR WILDCAT NAME** Northwest Pipeline Corporation Basin Dakota 3. ADDRESS OF OPERATOR 11. SEC., T., R., M., OR BLK. AND SURVEY OR P.O. Box 90, Farmington, New Mexico 8746 AREA 4. LOCATION OF WELL (REPORT LOCATION CLEARLY, See space 17 Sec 23, T30N, R5W 950' FWL & 1480' FSL 12. COUNTY OR PARISH 13. STATE AT SURFACE: New Mexico Rio Arriba AT TOP PROD. INTERVAL: Same as above AT TOTAL DEPTH: Same as above 14. API-NO. 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, <u> 3</u>0-039-22728 15. ELEVATIONS (SHOW DF, KDB, AND WD) 6790 GR REPORT, OR OTHER DATA SUBSEQUENT REPORT OF REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE (NOTE: Report results of multiple completion or zone REPAIR WELL change on Form 9-330.) PULL OR ALTER CASING MULTIPLE COMPLETE Page #2 of 2 CHANGE ZONES

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.)*

Spud, surface csg, Intermediate, Tiner set

5-13-81 Reached TD of 8260'. Ran 265 jts (8249') of 4-1/2', 11.6#, N-80, CF&I seamless and 4-1/2", 10.5# K-55, ST&C &SS seamless set at 8263'. B.J. cmt'ed w/ 250 sx C1 "B" w/ 8% gel, 12-1/2# fine gils/sx & 0.4% HR-4. Tailed w/ 110 sx C1 "B" w/ 1/4# tuf-plug & 0.4% HR-4. Plug down at 1500 hrs 5-13-81. Wilson ran temp survey top of cmt @ 3450' & PBTD at 8080'.

NOW WAITING ON COMPLETION

ABANDON*

(other)

NOW WATTING ON COMPLETIC	714		
Subsurface Safety Valve: Manu, and Type		Set @	Ft.
18. I hereby certify that the foregoing is t	rue and correct		
	OF MILE Production Clerk DATE	5-19-81 AC EPT	T FOR RECORD
Uonna J. bydce	(This space for Federal or State office use)		v 1 1981
APPROVED BY	TITLETITLE		21 1981
CONDITIONS OF APPROVAL, IF ANY:	CONFIDENTIAL	BY EAHMI	NGTON DISTRICT
		BY BUT	7

UNITED STATES DEPARTMENT OF THE INTERIOR

	Booket Bureau 110. 41 111424
	5. LEASE SF 078738
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
nt	7. UNIT AGREEMENT NAME San Juan 30-5 Unit
_	8. FARM OR LEASE NAME San Juan 30-5 Unit
	9. WELL NO. #83
	10. FIELD OR WILDCAT NAME Basin Dakota
7	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 23, T30N, R5W
	12. COUNTY OR PARISH 13. STATE N.M.

GEOLOGICAL SURVEY	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 Form 9-331-C for such proposals.)	7. UNIT AGREEMENT NAME San Juan 30-5 Unit
1. oil gas to other 2. NAME OF OPERATOR	8. FARM OR LEASE NAME San Juan 30-5 Unit 9. WELL NO. #83
Northwest Pipeline Corporation 3. ADDRESS OF OPERATOR D. O. Boy 00 Formington N. M. 07401	10. FIELD OR WILDCAT NAME Basin Dakota
P.O. Box 90, Farmington, N.M. 87401 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 23, T30N, R5W
AT SURFACE: 950 FWL & 1480 FSL AT TOP PROD. INTERVAL: Same as above AT TOTAL DEPTH: Same as above	12. COUNTY OR PARISH 13. STATE Rio Arriba N.M. 14API NO
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	30-039-22728 15. ELEVATIONS (SHOW DF, KDB, AND WD) 6790' GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: FERACTURE TREAT SHOOT OR ACIDIZE FREPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other)	(NOTE: Report results of Austine completion or zone change on Firm 3.38) OCT 2.1 1981 OCT 2.0N. COM. CIL CON. 3
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertinen 9-29-81 to 9-30-81 MOL & RU. PU 3-7/8" bit of the proposed was presented as a proposed work.	e all pertinent details, and give pertinent dates, irectionally drilled, give subsurface locations and t to this work.)*

to 8200'. Tested csg to 4000# for 15 min - OK. Circ hole w/ 2% CaCl₂ & spotted 750 gallons of 7-1/2% HCl. Jetronics ran GR/CCl & perfed 12 holes from 8092' to 8184'. Western broke down DK and pumped 1000 gal 15% HCl & dropped 30 balls. Balled off. Jetronics ran junk basket & rec'ed 24 balls. Western fraced w/ 20,000 gal pad of treated wtr followed by 22,600# of 40/60 sand. Well sanded off. ISIP 3800#; 1 min 2500#; 5 min 2000#, 60 min 1250#, MIR 22 BPM; AIR 17 BPM; MTP 4200#; ATP 4000#. Job completed @ 1730 hrs 9-30-81. Opened up well @ 1930 hrs.

10-1-81 Ran 261 jrs (8125') of 2-3/8", 4.7#, J-55, EUE USS seamless & set @ 8131' KB. Seating nipple on btm of btm jt. Pumped out plugs & gauged well up tbg. Well turned over to production department. Rig released.

NOW WAITING ON IP TEST Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I her by certify that the foregoing is true and correct SIGNED	10-12-81.
(This space for Federal or State office use)	
APPROVED BY TITLE DATE CONDITIONS OF APPROVAL, IF ANY:	E

*See Instructions on Reverse Side

UNITED STATES DEPARTMENT OF THE INTERIOR GFOLOGICAL SURVEY

	Budget Bureau No. 42-R1424
	5. LEASE SF 078738
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
nt	7. UNIT AGREEMENT NAME San Juan 30-5 Unit
_	8. FARM OR LEASE NAME San Juan 30-5 Unit
-	9. WELL NO. #83
	10. FIELD OR WILDCAT NAME
	Basin Dakota
	11. SEC., T., R., M., OR BLK. AND SURVEY OR
7	Sec 23, T30N, R5W
	12. COUNTY OR PARISH 13. STATE
	Rio Arriba New Mexico
	14. API NO.
Ξ,	30-039-22728
	15. ELEVATIONS (SHOW DF. KDB. AND WD)

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different	7. UNIT AGREEMENT NAME San Juan 30-5 Unit
reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME San Juan 30-5 Unit
1. oil gas well other	9. WELL NO. #83
2. NAME OF OPERATOR Northwest Pipeline Corporation	10. FIELD OR WILDCAT NAME Basin Dakota
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 87401	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 950 FWL & 1480 FSL	Sec 23, T30N, R5W
AT TOP PROD. INTERVAL: Same as above	Rio Arriba New Mexico
AT TOTAL DEPTH: Same as above 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO. 30-039-22728
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 6790' GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	(NOTÉ: Report results of multiple completion or zone change on Form 9–330.)
ABANDON*	

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.)*

4-1/2", 11.6#, N-80, CF&I seamless and 4-1/2", 10.5#, K-55, ST&C USS seamless set @ 8241' instead of 8263' as reported on Sundry notice dated 5-19-81.



Subsurface Safety Valve: Manu.	and Type	Set @	_ Ft.
18. I hereby pertify that the fore	going is true and correct		
SIGNED Donna J Brac	TITLE Production Cle	erk DATE10-16-81	
	(This space for Federal or State offi		
APPROVED BY		DATE	

*See Instructions on Reverse Side

UNITED STATES

UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	SF 078738
GEOLOGICAL SURVEY	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 Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAME San Juan 30-5 Unit 8. FARM OR LEASE NAME
1. oil gas there	San Juan 30-5 Unit
well well other 2. NAME OF OPERATOR	9. WELL NO. #83
Northwest Pipeline Corporation 3. ADDRESS OF OPERATOR	10. FIELD OR WILDCAT NAME Basin Dakota
P.O. Box 90, Farmington, N.M. 87401 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 23, T30N, R5W
below.) AT SURFACE: 950 FWL & 1480 FSL AT TOP PROD. INTERVAL: Same as above AT TOTAL DEPTH: Same as above	12. COUNTY OR PARISH 13. STATE Rio Arriba New Mexico
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO. 30-039-22728
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 6790 GR
FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other)	(NOTE: Report results of multiple completion or cone change of Form 9-330.) OCT 2 1 1981 CIL CON. COM. DIST. 3
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertine	directionally drilled, give subsurface locations and
9-29-81 MOL & RU. PU 3-7/8" bit on 2-3/8" the Csg to 4000# - 15 min OK. Circ hole w/ 2% Ca HCl. Jetronics ran GR/CCl and perfed 12 hole broke down DK & pumped 1000 gal 15% HCl and c	aCl ₂ & spotted 750 gal 7-1/2% es from 8092' to 8184'. Western
9-30-81 to 10-1-81 Jetronics ran junk basket Western fraced w/ 20,000 gallon pad of treate sand. Well sanded off. ISIP 3800#; 1 min 25 MIR 22 BPM; AIR 17 BPM; MTP 4200#; ATP 4000#. Gauged well @ 0600 hrs.	ed wtr followed by 22,600# of 40/60 500#; 5 min - 2000#; 60 min 1250#.
10-2-81. Ran 261 jts (8125') of 2-3/8", 4.7#, KB. Rig released. NOW WAITING ON CLEAN UP A Subsurface Safety Valve: Manu. and Type	, J-55,EUE, seamless & set @ 8131' AND IP TEST Set @ Ft.
18. I hereby certify that the foregoing is true and correct	
SIGNED Norma Brace Production	Clerk DATE10-16-81
(This space for Federal or State of	ffice use)
APPROVED BY TITLE TOTALL TOTALL TO THE CONDITIONS OF APPROVAL, IF ANY.	DATE

*See Instructions on Reverse Side

DEVIATION REPORT

COMPANY NORTHWEST	PIPELINE CORPORATION A	HAIT	, Farmington, N.M. 87401
LEASE San Juan 30-5	5 Un/it WELL 83	LETTER L SEC	23 T 30N R 5W
POOL and FORMATION	Basin Dakota	COUNT	Y Rio Arriba
		,0,	
	(') <u>DEPTH</u>	(°) DEVIATION	
	<u>897'</u>	···· <u>1/4°</u>	
	1380'	1 <u>-1/2°</u>	
	1875' 2387' 2606'	1 <u>/2°</u> 1° 1 <u>-1/2°</u>	
	3126'	1 <u>-1/4°</u>	
	3627'	1 <u>-1/4°</u>	
	4020' 4444' 5043'	1/2° 1/2° 3/4°	
	<u>5545'</u>	<u>3/4°</u> <u>2°</u> 2°	NOV 6 - 1961 NOV 6 - 1961 OIL CON. COM.
	7205'	<u> 2°</u>	OIL DIST. 3
	7739'	1 <u>-3/4°</u>	
	8260'	1 <u>-3/4°</u>	
Certificate: I, the acting in my capacidam authorized by samy supervision and of my knowledge and	direction; and that th	nat I,of Northwe s report which was e facts stated here	st Pipeline Corporation, prepared by me or under in are true to the best
Subscribed and sworr	to before me this 2	2 day of Octob	er, 1981
	A. Copela FOR SAN JUAN COUNTY,		
	•	nmission Expires	14-18-83

NEW MEXICO OIL CONSERVATION COMMSSION MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

															
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