

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078997	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Northwest Pipeline Corporation		7. UNIT AGREEMENT NAME San Juan 30-5 Unit	
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, New Mexico 87499		8. FARM OR LEASE NAME San Juan 30-5 Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 960' FEL & 1130' FNL NE/NE At proposed prod. zone 960' FEL & 1130' FNL NE/NE		9. WELL NO. #61	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 24 miles from Gobernador		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 960'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA A Sec 15, T30N, R5W	
16. NO. OF ACRES IN LEASE N/A		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL E 320		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 300 ±		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATION (SHOW AUTHORIZED AREAS, ETC.) 6461' GR		22. APPROX. DATE WORK WILL START* April 1, 1985	

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 cu.ft.
8-3/4"	7"	20#	3760'	220 cu.ft.
6-1/4"	4-1/2"	10.5#	3560'-5800'	250 cu.ft.

Selectively perforate and stimulate the Mesa Verde formation.
Completion procedures will be determined at Total Depth.

A BOP will be installed after the surface casing is set and cemented.
All subsequent work will be conducted through the BOP's.

The East half of Section 15 is dedicated to the Mesa Verde.

Gas is dedicated.

RECEIVED

MAY 22 1985

OIL CON. DIV.

DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Mike J. Turnbaugh TITLE Sr. Engineer DATE 2-1-85
(This space for Federal or State official use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

MAY 21 1985

*See Instructions On Reverse Side

M. MILLENBACH
AREA MANAGER

1sm

NMOCC

All distances must be from the outer boundaries of the Section.

for NORTHWEST PIPELINE CORPORATION			Lease SAN JUAN 30-5 UNIT		Well No. 61
Section 15	Township 30N	Range 5W	County Rio Arriba		

Actual Footage Location of Well:

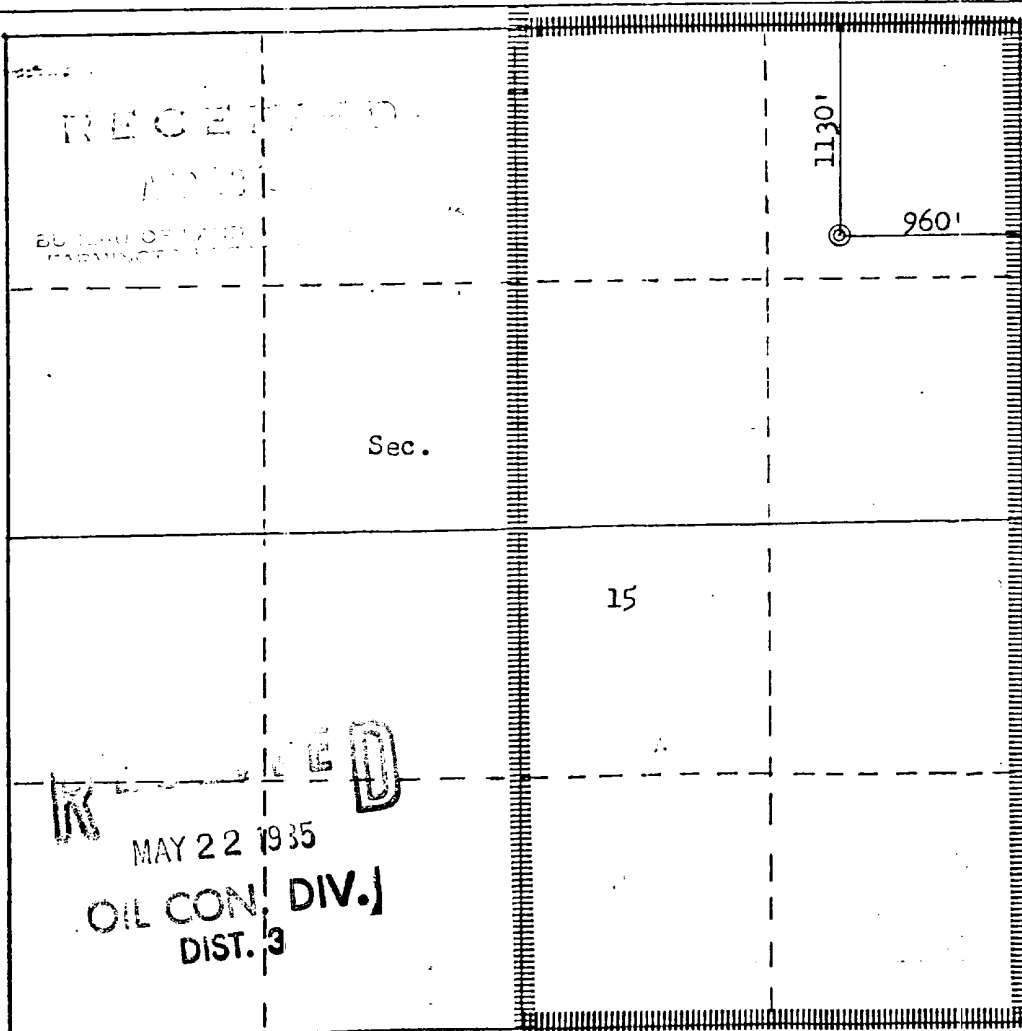
1130	feet from the	North	Line and	960	feet from the	East	Line	
Ground Level Elev: 5461	Producing Formation Mesa Verde		Pool Blanco		Dedicated Acreage: 320			Acre

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Mike J. Turnbaugh

Name
Mike J. Turnbaugh

Position
Sr. Engineer

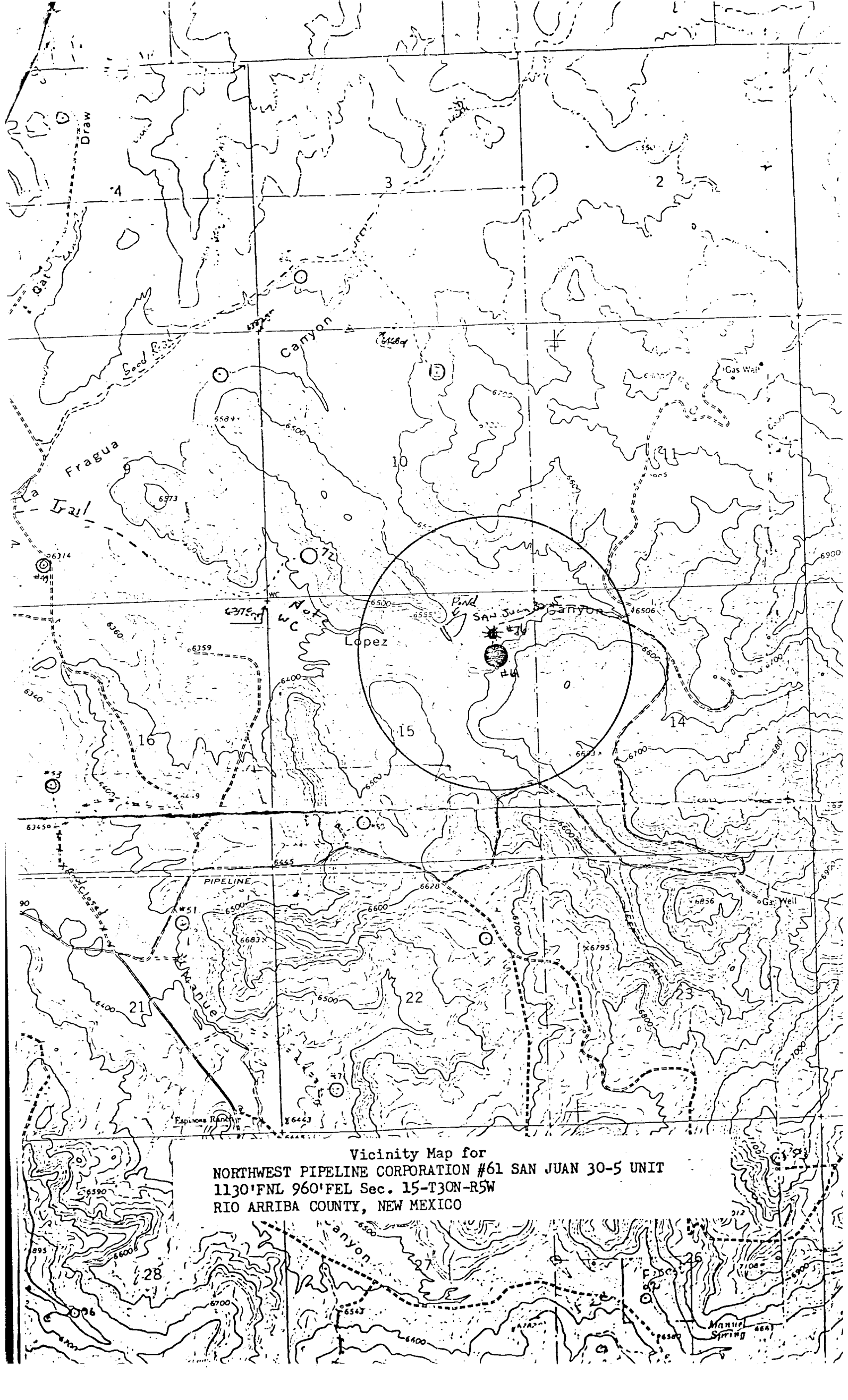
Company
Northwest Pipeline Corp.

Date
February 1, 1985

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
January 28, 1985
Registered Professional Engineer
and Land Surveyor
Fred B. Kerr, Jr.
Certificate No. 3950
KERR, JR.

Scale: 1"=1000'



Vicinity Map for
NORTHWEST PIPELINE CORPORATION #61 SAN JUAN 30-5 UNIT
1130'FNL 960'FEL Sec. 15-T3ON-R5W
RIO ARRIBA COUNTY, NEW MEXICO