

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

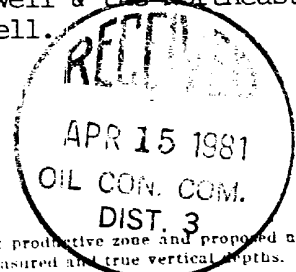
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		7. UNIT AGREEMENT NAME San Juan 30-5 Unit		
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		8. FARM OR LEASE NAME San Juan 30-5 Unit		
2. NAME OF OPERATOR Northwest Pipeline Corporation		9. WELL NO. #12A		
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 87401		10. FIELD AND POOL OF WILDCAT Blanco MV / Gobernador PC		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1560' FNL & 850' FWL Sec 31, T30N, R5W At proposed prod. zone Same as above		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 31, T30N, R5W		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 25 Miles East of Blanco, N.M.		12. COUNTY OR PARISH Rio Arriba		
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit lde. if any) 850'		13. STATE New Mexico		
16. NO. OF ACRES IN LEASE N/A? 320		17. NO. OF ACRES ASSIGNED TO THIS WELL 320 MV / 160 PC		
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2200'		19. PROPOSED DEPTH 6175'		
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START April 1981		
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6819' GR		23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" CEMENTING PROGRAM		
24. 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.		This action is subject to administrative appeal pursuant to 30 CFR 290.		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-1/4"	9-5/8"	36#	200	125 cu.ft
8-3/4"	7"	20#	4125	340 cu.ft
6-1/4"	4-1/2"	10.5#	6175	350 cu.ft

Selectively perforate and stimulate the Mesa Verde & Pictured Cliffs Formation
Completion plans 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 West half of Section 31 is dedicated to the Mesa Verde well & the Northeast quarter of Section 31 is dedicated to the Pictured Cliffs well.
Gas is dedicated



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24. SIGNED Paul C. Thompson TITLE Drilling Engineer DATE 3-18-81
(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY _____

*See Instructions On Reverse Side

APPROVED
AS AMENDEDAPR 13 1981
James F. Sims
JAMES F. SIMS
DISTRICT ENGINEER

Operator NORTHWEST PIPELINE CORPORATION			Lease SAN JUAN 30-5 UNIT		Well No. 12A
Unit Letter E	Section 31	Township 30N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 1560 feet from the North line and 850 feet from the West line					
Ground Level Elev. 6819	Producing Formation Pictured Cliffs/Mesa Verde		Pool Blanco MV/ Gobernador PC		Dedicated Acreage: 320 MV/ 160 PC Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

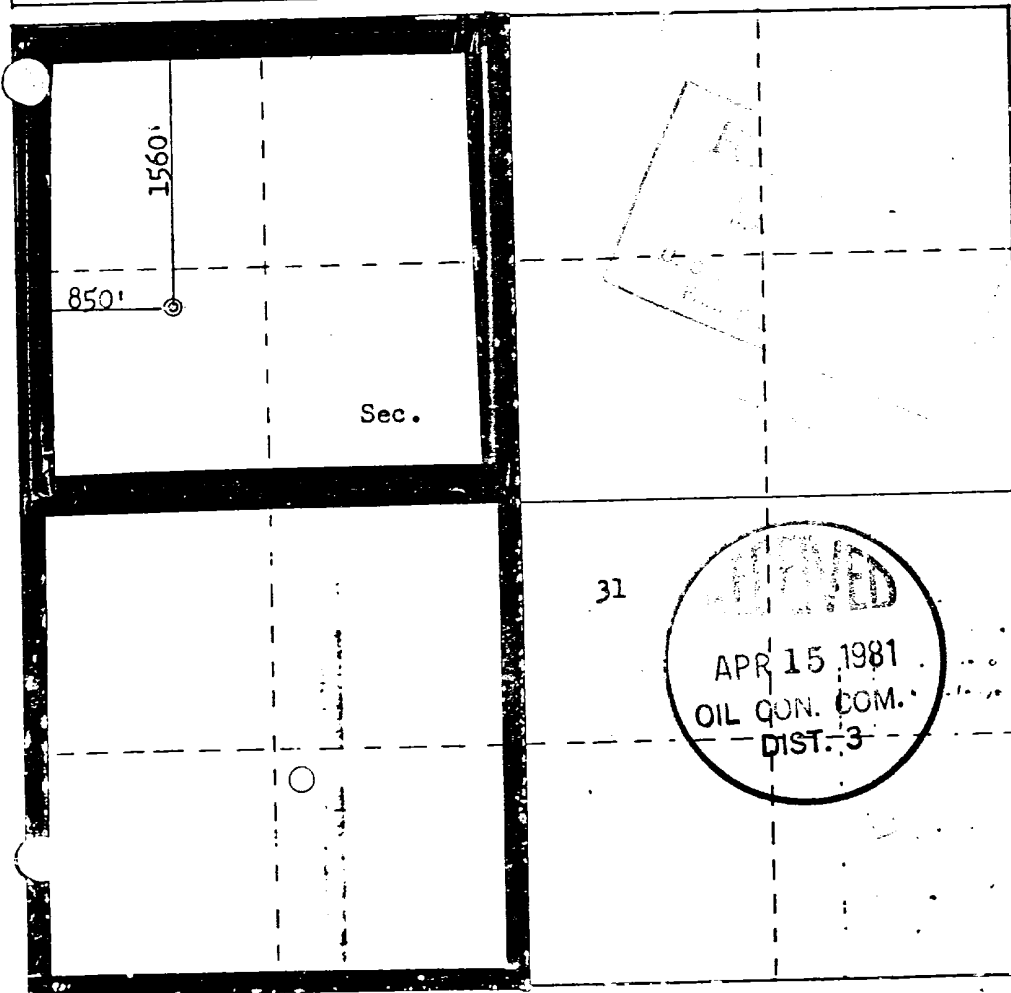
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.



Scale: 1"=1000'

CERTIFICATION

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

Paul C. Thompson

Name

Paul C. Thompson

Position

Drilling Engineer

Company

Northwest Pipeline Corp.

Date

February 11, 1981

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 are true and correct to the best of my knowledge and belief.

Date Surveyed

February 6, 1981

Registered Professional Engineer and Land Surveyor

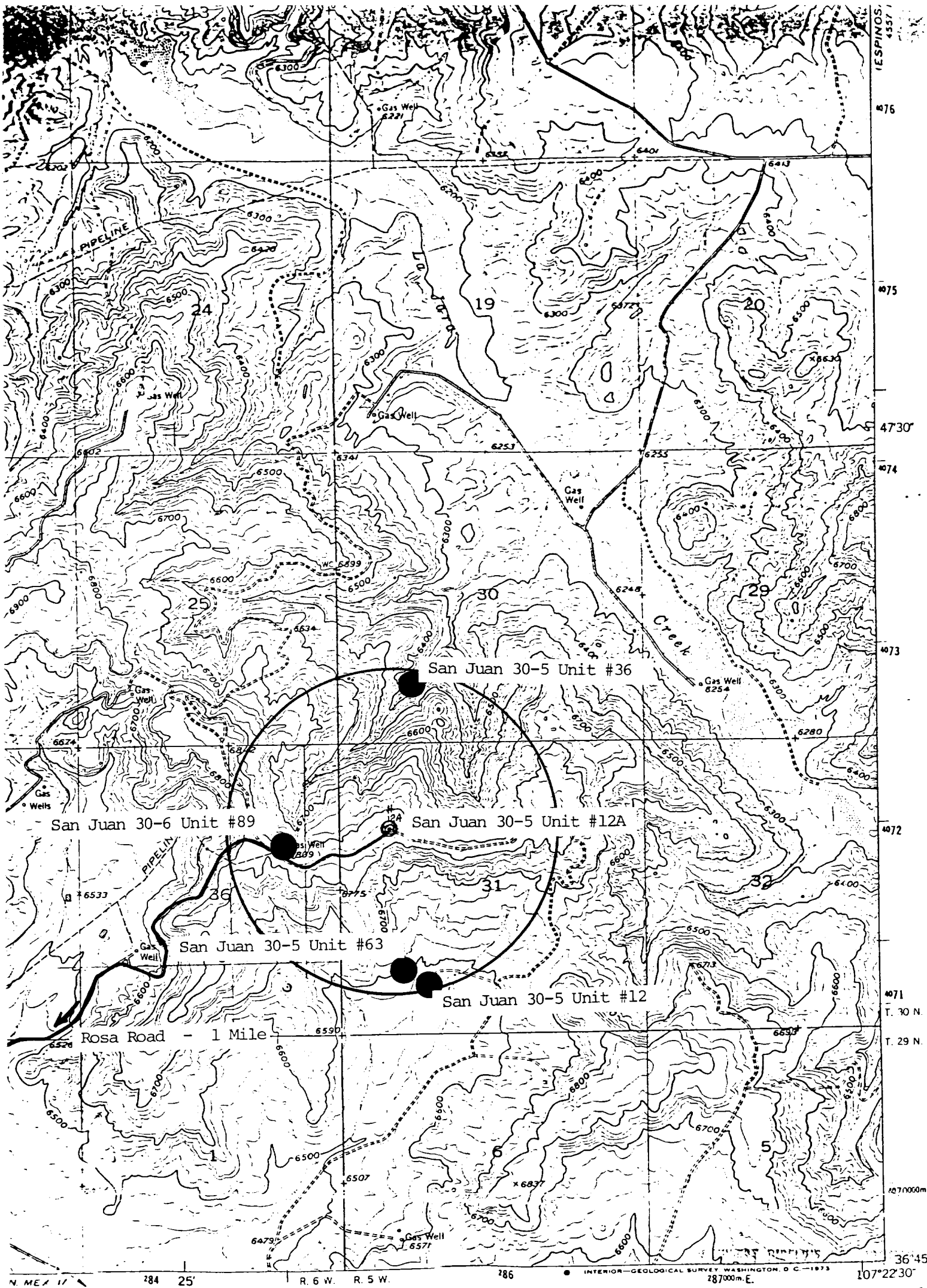
Fred B. Kerr Jr.

Certificate No. 2

3950

FRED B. KERR, JR.

FORM 26-1



Vicinity Map for
 NORTHWEST PIPELINE CORP. #12A SAN JUAN 30-5 UNIT
 1560'FNL 850'FWL Sec. 31-T30N-R5W
 RIO ARriba COUNTY, NEW MEXICO

QUADRA TICLE LOCATION

ROAD CLASSIFICATION
 1560'FNL 850'FWL
 8 dir

GOMEZ RANCH, N. MEX.
 N3645 -W10722 5/75