

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 078998	
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 32-7 Unit Com	
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 87499		8. FARM OR LEASE NAME San Juan 32-7 Unit Com	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 640 F&L & 1250 FEL NE/NE At proposed prod. zone 640 F&L & 1250 FEL NE/NE		9. WELL NO. 82	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 18 Miles South of Ignacio, Colorado		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 640		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec 18, T31N, R7W	
16. NO. OF ACRES IN LEASE N/A		12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 325.68		13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2600' +		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6511' GR		22. APPROX. DATE WORK WILL START* July 1983	
23. PROPOSED CASING AND CEMENTING PROGRAM		This action is subject to administrative appeal pursuant to 30 CFR 220.1	
SIZE OF HOLE 12-1/4"	SIZE OF CASING 9-5/8"	WEIGHT PER FOOT 36#	SETTING DEPTH 500'
8-3/4"	7"	20#	3840'
6-1/4"	4-1/2"	10.5#	5900'
QUANTITY OF CASING		QUANTITY OF CEMENT	
315 cu.ft		410 cu.ft	
350 cu.ft			

OIL CON. DIV.

Drill 3 actively perforate and stimulate the Mesa Verde 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.

Dedicated acreage for this well was approved by NMOCD order R-1066

Dedicated Acreage: Sec 18 - E/2 NE/4, SW/4 NE/4 & Lots 5,6, & 7. Sec 7 - SE/4 SE/4, Lots 8 & 9 and all of Tract 55 lying in Sec 18 & 7 as recorded on the Federal Survey Plat approved Nov 13, 1917.

Gas is dedicated

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 Paul C. Thompson TITLE SR. Drilling Engineer DATE May 5, 1983
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

3- NW 4 order R1066
PCT:djb

ack NSL-1697

*See Instructions On Reverse Side

APPROVED
DATE
AS AMENDED
JUN 5 1983
JAMES F. SIMS
DISTRICT ENGINEER

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

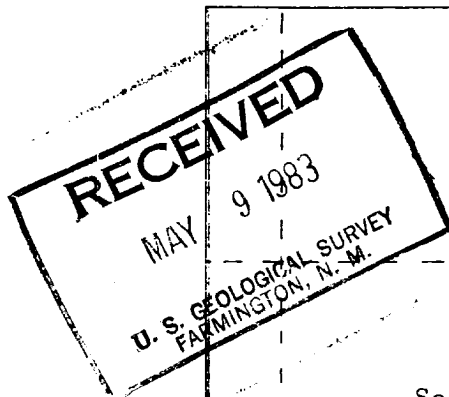
Operator NORTHWEST PIPELINE CORPORATION			Lease SAN JUAN 32-7 UNIT CO#1		Well No. 82
Section Letter A	Section 18	Township 31N	Range 7W	County San Juan	
Actual Footage Location of Well: 640 feet from the North line and 1250 feet from the East line					
Ground Level Elev. 6511	Producing Formation Mesa Verde		Pool Blanco Mesa Verde		Dedicated Acreage: 325.68 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 Communitization

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.

**RECEIVED**

MAY 3 1983

OIL CON. DIV.

31

Sec.

Dedicated Acreage
18 Sec 18 E/2 NE/4, SW/4
NE/4 & Lots 5, 6, & 7
Sec 7 SE/4 SE/4, Lots
8 & 9 & all of Tract 55
lying in Sec 18 & 7 as
recorded on the Federal
Survey Plat approved
Nov 13, 1917

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

Sr. Drilling Engineer

Company

Northwest Pipeline Corp

Date

April 20, 1983

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

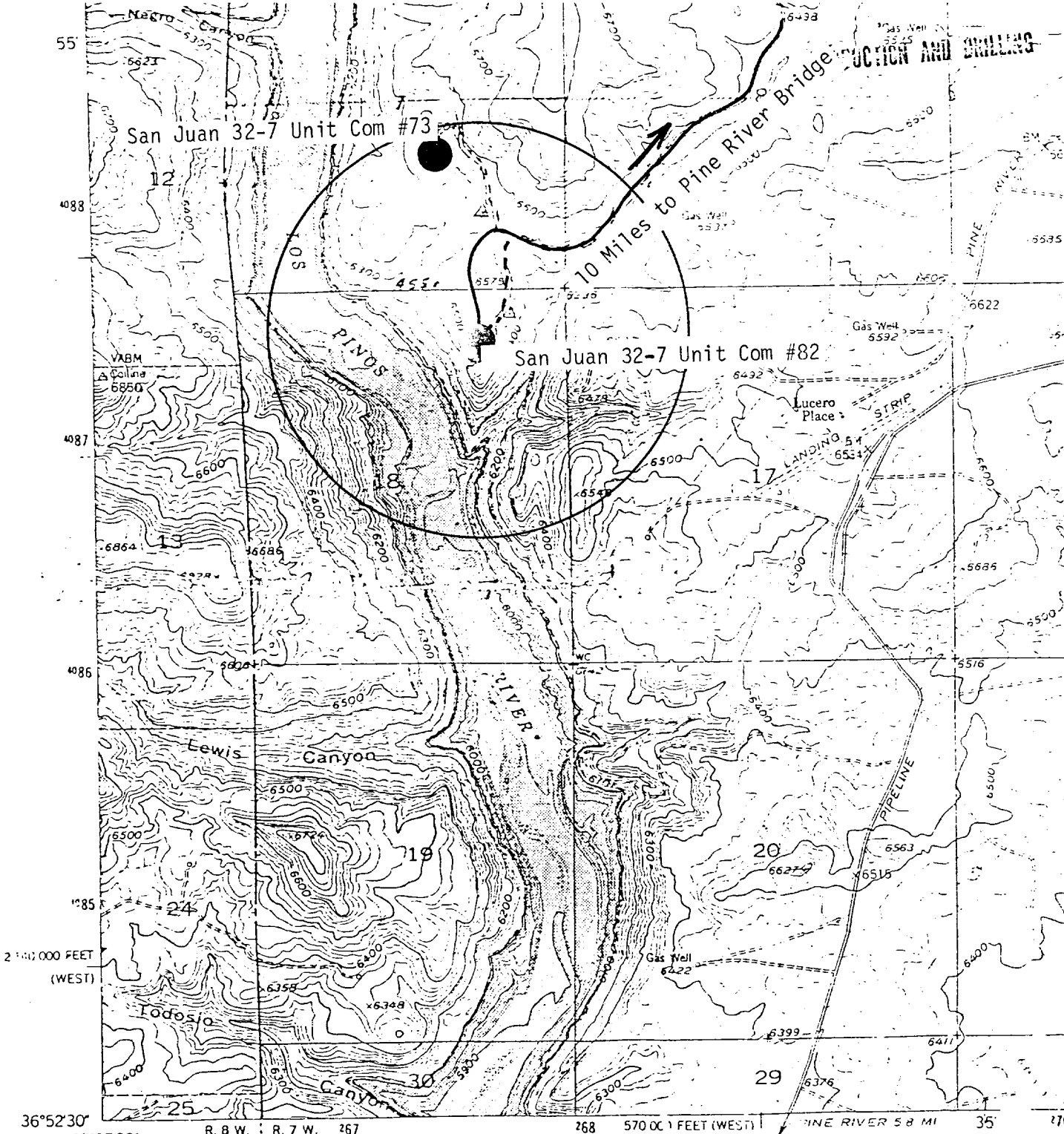
April 19, 1983

Registered Professional Engineer
and Land Surveyor

Fred B. Kern Jr.
Fred B. Kern Jr.

Certificate No.

3950



Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography by photogrammetric methods from
 aerial

Vicinity Map for
NORTHWEST PIPELINE CORPORATION #82 SAN JUAN 32-7 UNIT
640'FNL 1250'FEL Sec. 18-T31N-R7W
SAN JUAN COUNTY, NEW MEXICO

Revisions shown in purple compiled from aerial photographs
 taken 1971. This information not field checked

UTM GRID AND 1971 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET

FOR SA