

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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-078767	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Northwest Pipeline Corporation				7. UNIT AGREEMENT NAME Rosa Unit	
3. ADDRESS OF OPERATOR 3539 E. 30th St. Farmington, NM 87401				8. FARM OR LEASE NAME Rosa Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1760' FNL & 830' FEL SW/4 NE/4 At proposed prod. zone Same				9. WELL NO. #226	
11. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 20 miles to Gobernador				10. FIELD AND POOL, OR WILDCAT Basin Fruitland Pool	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 830'		16. NO. OF ACRES IN LEASE N/A 2518.09		17. NO. OF ACRES ASSIGNED TO THIS WELL 271.17 232.69	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. + 2500'		19. PROPOSED DEPTH 3127'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6285' GR				22. APPROX. DATE WORK WILL START* 3-1-89	
23. PROPOSED CASING AND CEMENTING PROGRAM				DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
12-1/4"	9-5/8"	32.3#	400'	125 cu. ft.	
8-3/4"	7"	20#	2955'	150 cu. ft.	
6-1/4"	5-1/2"	23#	3127'	Open hole completion	

The N/2 of Section 12 is dedicated to this well.

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.

SIGNED <u>Mike Turnbaugh</u> (This space for Federal or State office use)		TITLE <u>Senior Engineer</u>		DATE <u>12-19-88</u>	
PERMIT NO. _____		APPROVAL DATE _____			
APPROVED BY _____		TITLE _____			
CONDITIONS OF APPROVAL, IF ANY:					
ch-1 <u>Held in for NPS</u>		NMOCC		JUL 12 1989 AREA MANAGER	

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

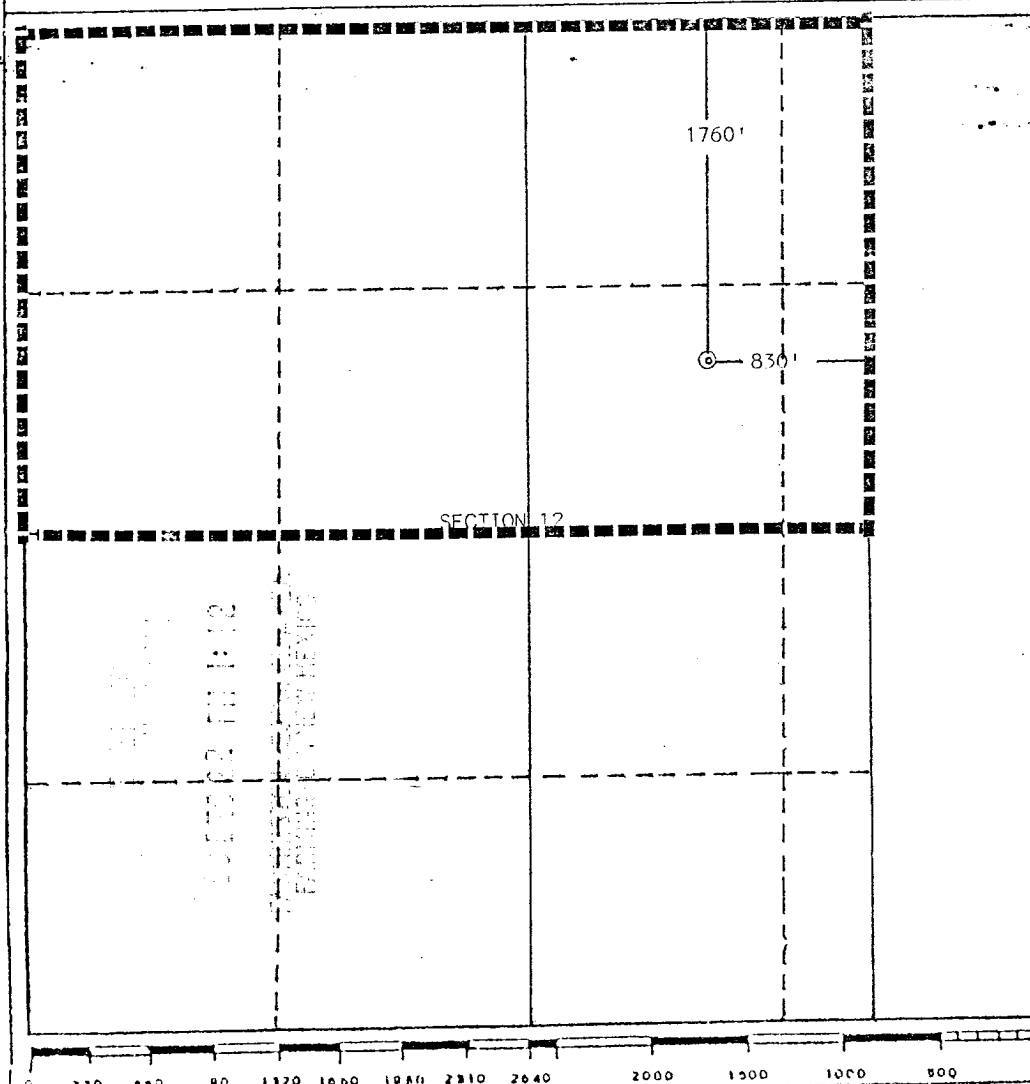
Operator Northwest Pipeline Corporation		Lease Rosa Unit		Well No. 226
Unit Letter G	Section 12	Township 31 North	Range 6 West	County Rio Arriba
Actual Footage Location of Well: 1760 feet from the North line and 830 feet from the East line				
Ground Level Elev. 6285	Producing Formation Fruitland	Pool Basin Fruitland Pool	Dedicated Acreage: 271.17 232.69 Acres	

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 Division.



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 Turnbaugh

Position

Senior Engineer

Company

Northwest Pipeline Corp.

Date

11-4-88

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

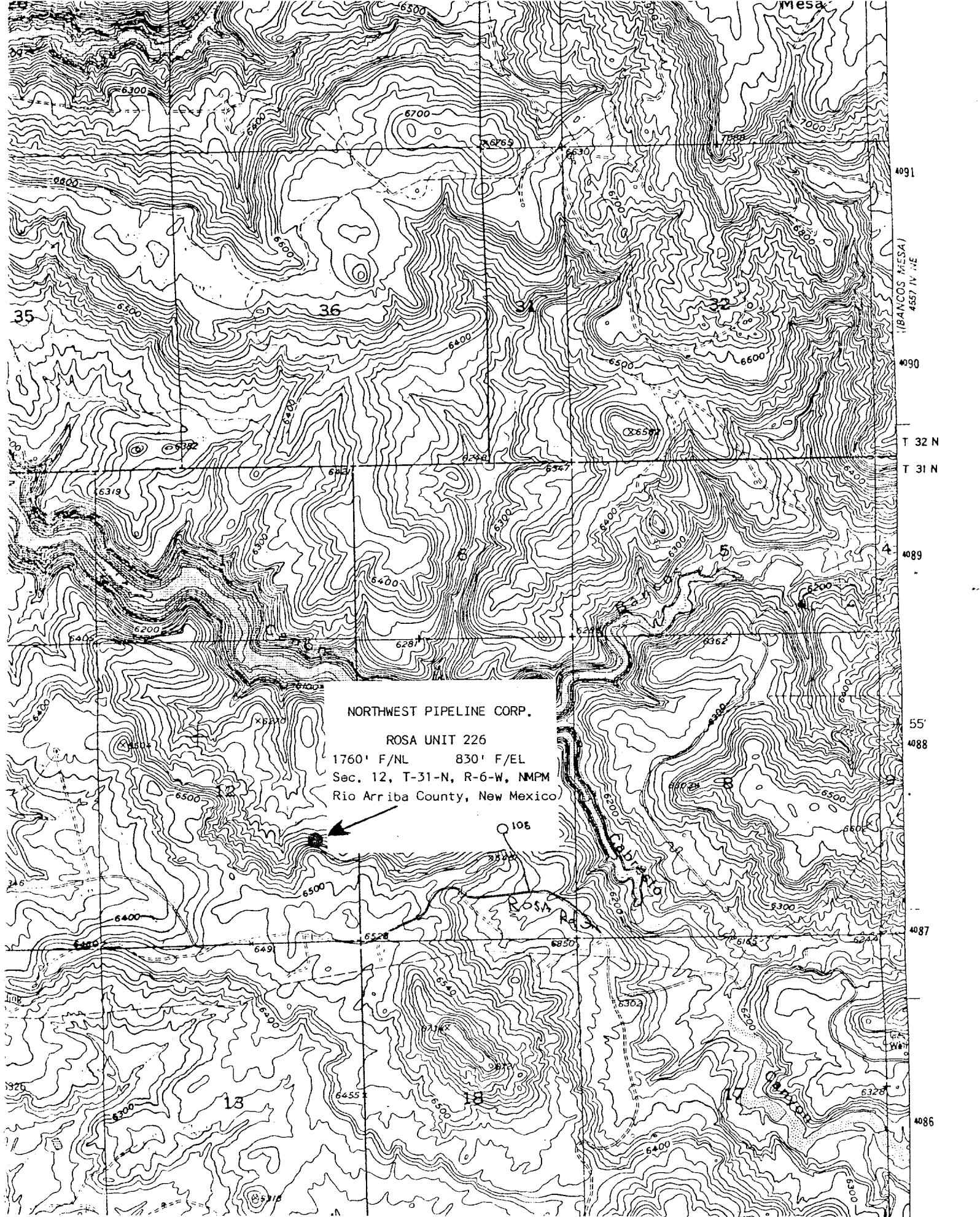
October 3, 1988

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.



NORTHWEST PIPELINE CORP.

ROSA UNIT 226

1760' F/NL 830' F/EL
Sec. 12, T-31-N, R-6-W, NMPM
Rio Arriba County, New Mexico

$$\begin{array}{r} 15.61 \\ 15.56 \\ \hline 31.17 \\ 86.00 \\ \hline 117.17 \\ 160.00 \\ \hline 277.17 \end{array}$$