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NEW MEXICO OIL CONSERVATION COMMISSION

30-039-24367
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. NM-E-346-27
7. Unit Agreement Name Rosa Unit
8. Farm or Lease Name Rosa Unit
9. Well No. #243
10. Field and Pool, or Wildcat
12. County Rio Arriba
19. Proposed Depth 3339'
19A. Formation Basin Fruitland
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 6546' GR
21A. Kind & Status Plug. Bond
21B. Drilling Contractor
22. Approx. Date Work will start 3-1-89

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. Name of Operator Northwest Pipeline Corporation					
3. Address of Operator 3539 East 30th - Farmington, NM 87401					
4. Location of Well UNIT LETTER F LOCATED 2390 FEET FROM THE North LINE AND 1850 FEET FROM THE West LINE OF SEC. 36 TWP. 32 RGE. 6W NMPM					
12. County Rio Arriba					
19. Proposed Depth 3339'					
19A. Formation Basin Fruitland					
20. Rotary or C.T. Rotary					
21. Elevations (Show whether DF, RT, etc.) 6546' GR					
21A. Kind & Status Plug. Bond					
21B. Drilling Contractor					
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PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	32.3#	200'	125 cu.ft.	
8-3/4"	7"	20#	3236'	170 cu.ft.	
6-1/4"	5-1/2"	23#	3136'-3339'	Open hole completion NO CEMENT	

The W/2 of Section 19 is dedicated to this well.

RECEIVED
JAN 09 1989
OIL CON. DIV.
DIST. 3

APPROVAL EXPIRES 2-10-89
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Mike Turnbaugh Title Senior Engineer Date 1-6-88
(This space for State Use)

APPROVED BY Eric Ruch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JAN 10 1989

CONDITIONS OF APPROVAL, IF ANY:

NM-E-346-27 FOR NSL

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.

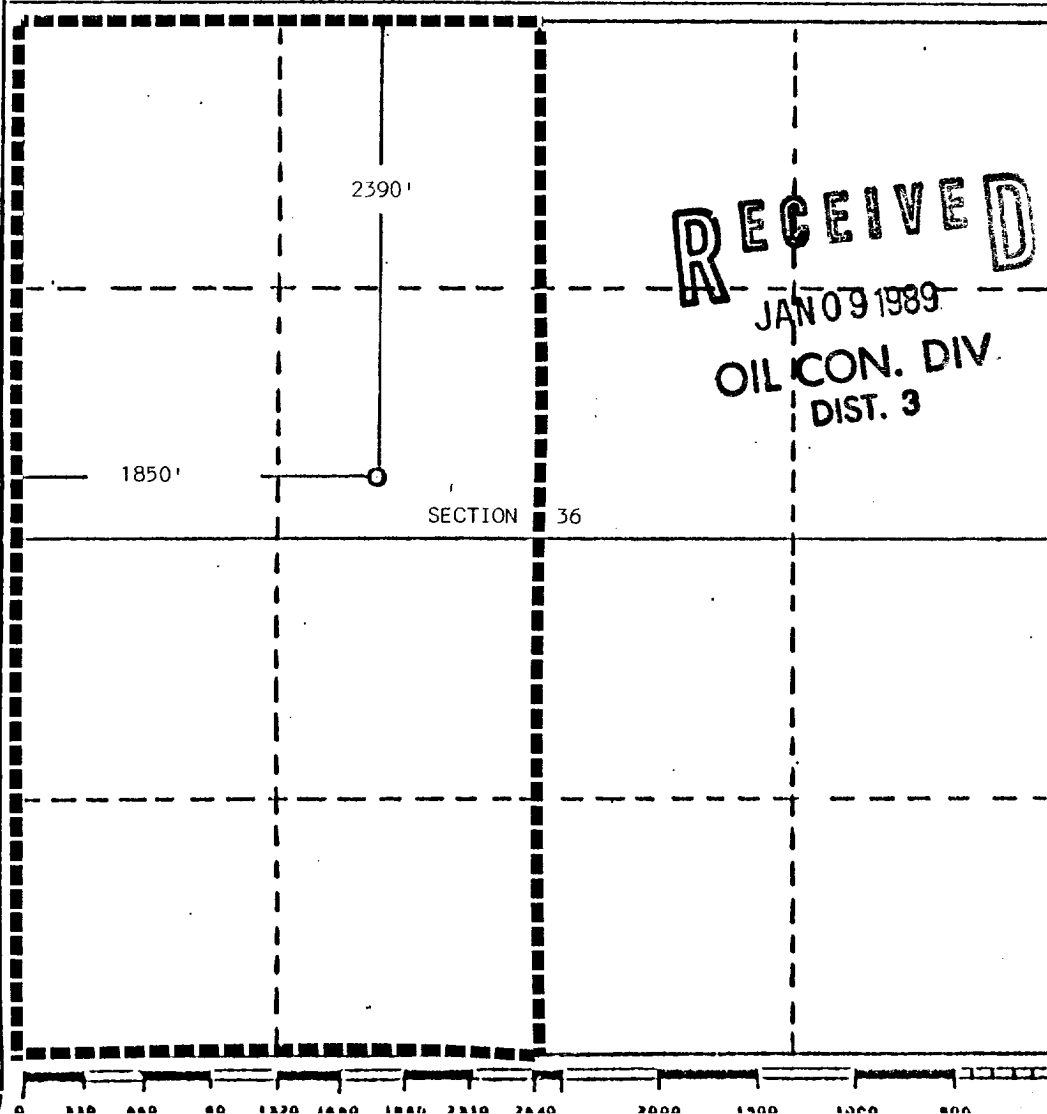
Operator Northwest Pipeline Corporation		Lease Rosa Unit		Well No. 243
Unit Letter F	Section 36	Township 32 North	Range 6 West	County Rio Arriba
Actual Footage Location of Well: 2390 feet from the North line and 1850 feet from the West line				
Ground Level Elev. 6546	Producing Formation Fruitland	Pool Basin Fruitland Pool	Dedicated Acreage: 320 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 Division.



CERTIFICATION

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

Mike Turnbaugh

Name	Mike Turnbaugh
Position	Senior Engineer
Company	Northwest Pipeline Corp.
Date	11-1-88

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.

EDGAR L. RISENHOOVER
REGISTERED LAND SURVEYOR
NEW MEXICO
5979

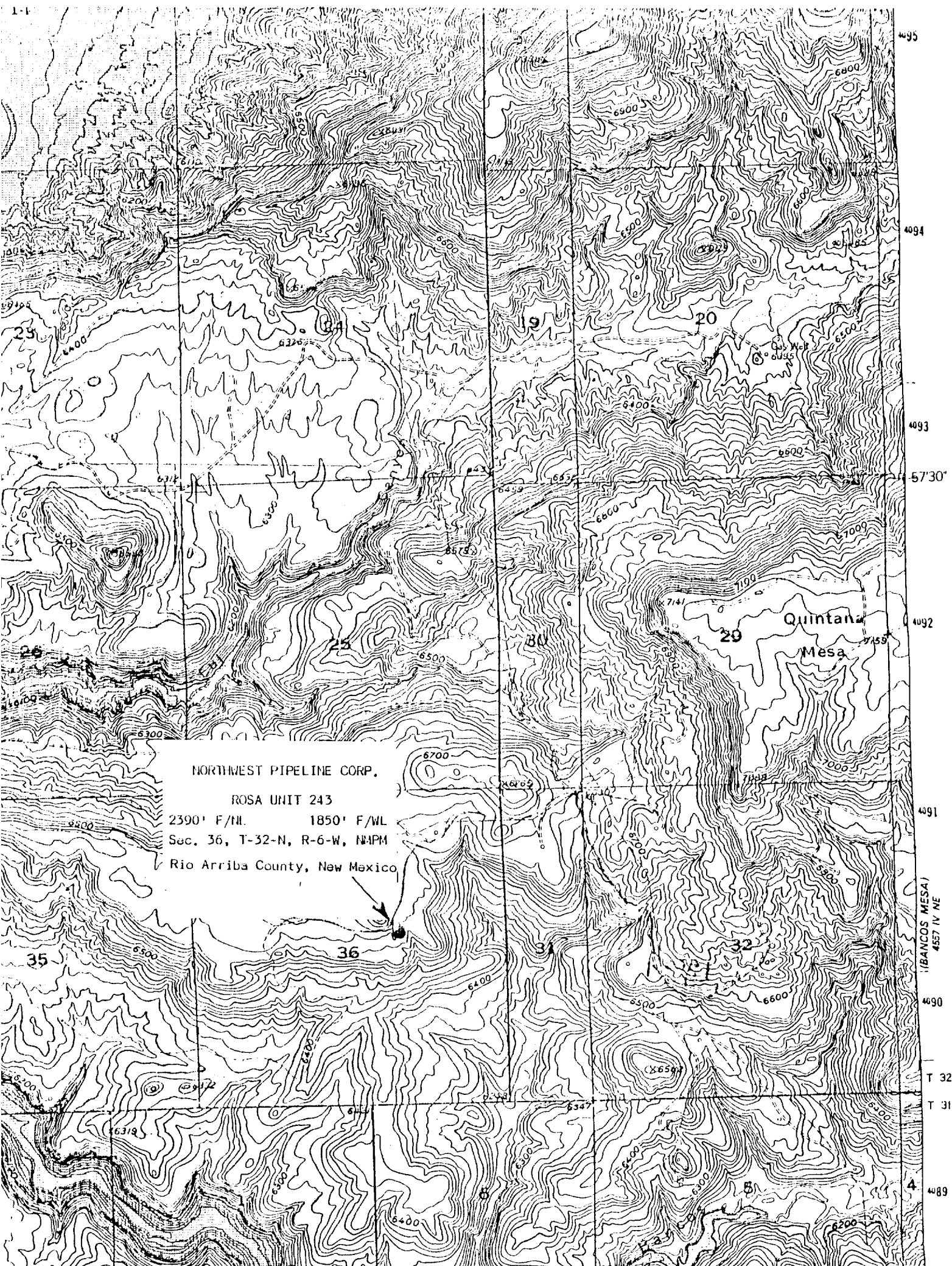
Date Surveyed	September 28, 1988
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Registered Professional Engineer and/or Land Surveyor

Edgar L. Risenhoover
Certificate No. 5979

Edgar L. Risenhoover, L.S.





NORTHWEST PIPELINE CORP.
ROSA UNIT 243
2390' F/NL 1850' F/WL
Sec. 36, T-32-N, R-6-W, NMPM
Rio Arriba County, New Mexico

(BANCOS MESA)
4557 N NE