

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL DEEPEN

b. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
NORTHWEST PIPELINE CORPORATION OGRID 16189

3. ADDRESS AND TELEPHONE NO.
c/o Walsh Engr. & Prod. Corp.
7415 E. Main Farmington, New Mexico 87402 505 327-4892

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 823'FNL & 1139'FWL
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 miles South of Allison, Colorado

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
823'

16. NO. OF ACRES ASSIGNED TO WELL
2552.71

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
40' P&A

19. PROPOSED DEPTH
6085'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6385' GR

22. APPROX. DATE WORK WILL START*
June 1, 1994

23. PROPOSED CASING AND CEMENTING PROGRAM

5. LEASE DESIGNATION AND SERIAL NO.
SF-078766

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
ROSA UNIT 008480

8. FARM OR LEASE NAME, WELL NO.
#145A

9. AP WELL NO.
30-045-291-27

10. FIELD AND POOL, OR WILDCAT
WILDCAT: ROSA-PC 96175
Blanco Mesa Verde 72319

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 16, T31N, R6W

12. COUNTY OR PARISH
San Juan

13. STATE
N.M.

RECEIVED
MAY 23 1994

OIL CON. DIV.
DIST. 3

160 PC 196.50
N/320 MV 294.50

This action is subject to technical and procedural review pursuant to 43 CFR 9185.3 and appeal pursuant to 43 CFR 3165.4.

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL CONDITIONS OF CEMENT"

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	"GENERAL CONDITIONS OF CEMENT"
12-1/4"	9-5/8" K-55	36.0#	500'	161 cuft Cl "B" w/2% CaCl2
8-3/4"	7" K-55	20.0#	3645'	788 cuft 65/35 Poz, 184 cuft Cl B
6-1/4"	4-1/2" K-55	10.5#	3545'-6085'	245 cuft Cl "B" w/4% Gel and additives

NORTHWEST PIPELINE proposes to drill a vertical well to develop the Pictured Cliffs and Mesa Verde formations at the above described site in accordance with the attached drilling and surface use program.

This location has been archaeologically surveyed by CRMC. Copies of the report will be submitted directly to your office.

This APD also is serving as an application to obtain BLM road right-of-way. The right-of-way will be an existing road which crosses the NW/NW of Section 16, W/2 of Section 9, S/2 SW/4 of Section 4, NE/4 and S/2 NW/4 of Section 8, NE/NE of Section 7, the S/2 S/2 of Section 6, all of T31N, R6W, The NE/NE of Section 12, SW/SE and E/2 W/2 of Section 1 of T31N, R7W, the E/2 E/2 of Section 35 and SW/SW of Section 25 of T32N, R7W where it connects to the Pine River Road. The Pine River Road continues north for 6.5 miles to Allison, Colorado.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Paul C. Thompson, Agent DATE 5/12/94

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL IF ANY:

APPROVED AS AMENDED

APPROVED BY [Signature] TITLE _____ DATE MAY 19 1994

*See Instructions On Reverse Side

DISTRICT MANAGER

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
		96175		WILDCAT: ROSA - PICTURED CLIFF	
4 Property Code		5 Property Name			6 Well Number
008480		ROSA UNIT			# 145A
7 OGRID No.		8 Operator Name			9 Elevation
16189		NORTHWEST PIPELINE CORPORATION			6385

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	31N	6W		823'	FNL	1139'	FWL	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160 151.50	Y	U	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Paul C. Thompson</i> Signature</p> <p>Paul C. Thompson, P.E. Title</p> <p>Agent</p> <p>Date 5/12/94</p>		
	<p>18 SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p>APRIL 14, 1994 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>Jerry L. ...</i></p> <p>8336 Certificate Number</p>		
<p>RECEIVED MAY 23 1994 OIL CON. DIV. DIST. 3</p>			

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 72319		3 Pool Name BLANCO / MESA VERDE	
4 Property Code 008480		5 Property Name ROSA UNIT			6 Well Number # 145A
7 OGRID No. 16189		8 Operator Name NORTHWEST PIPELINE CORPORATION			9 Elevation 6385

10 Surface Location

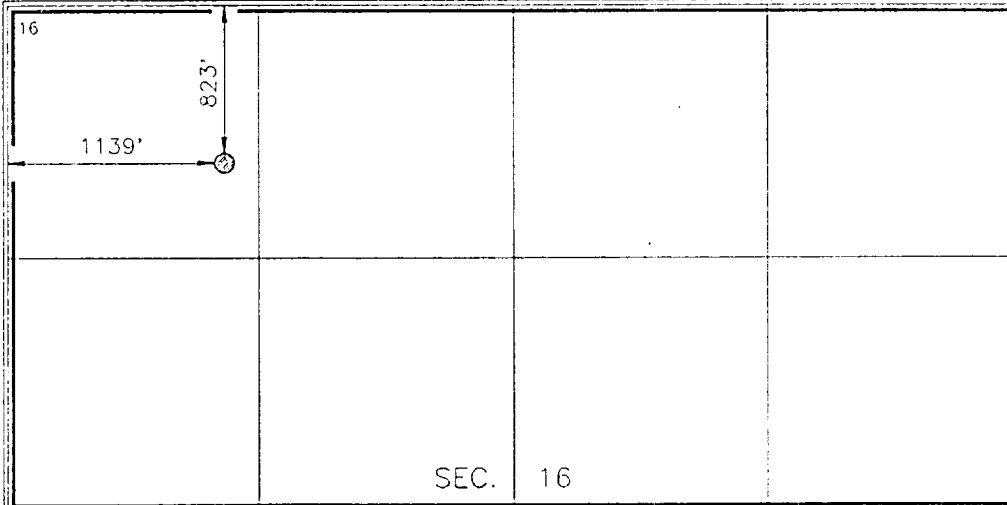
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	31N	6W		823'	FNL	1139'	FWL	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 320 294.50	13 Joint or Infill Y	14 Consolidation Code U	15 Order No.
-------------------------------------	-------------------------	----------------------------	--------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



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

Paul C. Thompson
Signature

Printed Name
Paul C. Thompson, P.E.

Title
Agent

Date
5/12/94

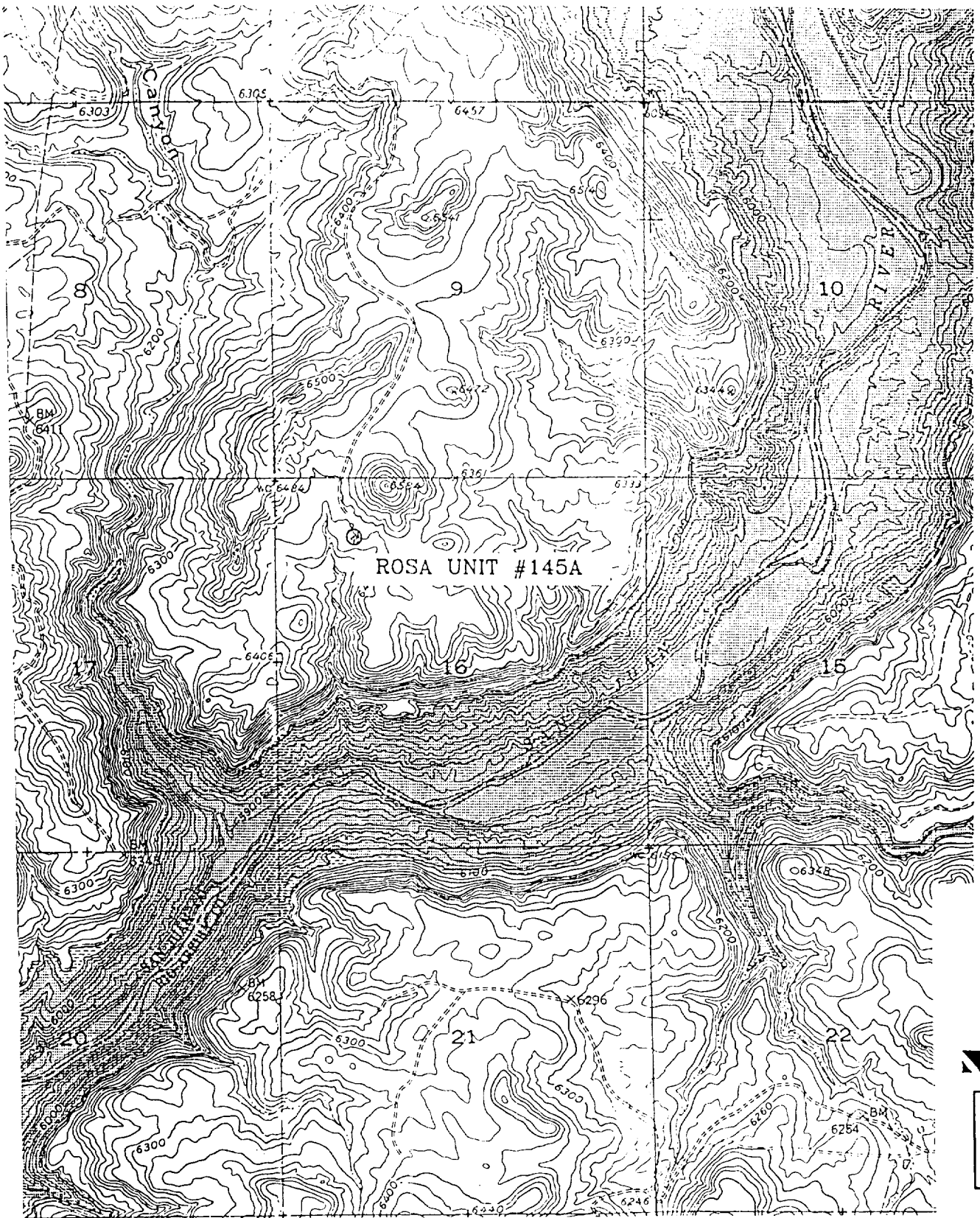
18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

APRIL 14, 1994
Date of Survey

Signature and Seal of Professional Surveyor:
Jerry Lomon Jellison

8336
Certificate Number

RECEIVED
MAY 23 1994
OIL CON. DIV.
DIST. 3



ROSA UNIT #145A NORTHWEST PIPELINE CORPORATION
823' FNL, 1139' FWL, SEC. 16, T.31 N., R.6 W. N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO
BANCOS MESA NW
ELEV. = 6385