

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 ORGID 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 1008'FNL & 1496'FWL
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 25 miles NE of Blanco, N.M.

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1008'

16. NO. OF ACRES IN LEASE 2552.71

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2005

19. PROPOSED DEPTH 6090'

17. NO. OF ACRES ASSIGNED TO THIS WELL 160 PC
 320 MV

20. ROTARY OR CABLE TOOL 20. Rotary

5. LEASE DESIGNATION AND SERIAL NO.
 SF-078766

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 10 8:34

7. UNIT AGREEMENT NAME
 ROSA UNIT 00848C

8. FARM OR LEASE NAME, WELL NO.
 #139

9. AP WELL NO.
 30-045-29144

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. 17, T31N, R6W

12. COUNTY OR PARISH San Juan

13. STATE N.M.

21. ELEVATIONS (Show whether DF, FT, GR, etc.)
 6419'GR

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

23. PROPOSED CASING AND CEMENTING PROGRAM
 SUBJECT TO COMPLIANCE WITH ATTACHED

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	"GENERAL QUANTITIES OF CEMENT"
12-1/4"	9-5/8" K-55	36.0#	250'	161 cuft Cl "B" w/3% CaCl2
8-3/4"	7" K-55	20.0#	3670'	767 cuft 65/35 Poz & 204 cuft Cl "B"
6-1/4"	4-1/2" K-55	10.5#	3570'-6075'	415 cuft Cl "B" w/4% gel and additives

NORTHWEST PIPELINE CORPORATION 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 that crosses the N/2 NW/4 of Section 17 and the E/2 of the SW/4 of Section 8, T31N, R6W where it connects to the access road from the Rosa Unit #88A.

RECEIVED
 JUL 06 1994

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen, give data on present productive zone and proposed 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.

SIGNED Paul C. Thompson TITLE Paul C. Thompson, Agent DATE 6/8/94

(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 operations thereon.

CONDITIONS OF APPROVAL, IF ANY:
 APPROVED BY [Signature] TITLE _____ DATE _____

APPROVED AS AMENDED
 Chip Harroden for
 JUN 01 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

94 JUN 10 AM 8:34

AMENDED REPORT
C70 FARMINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

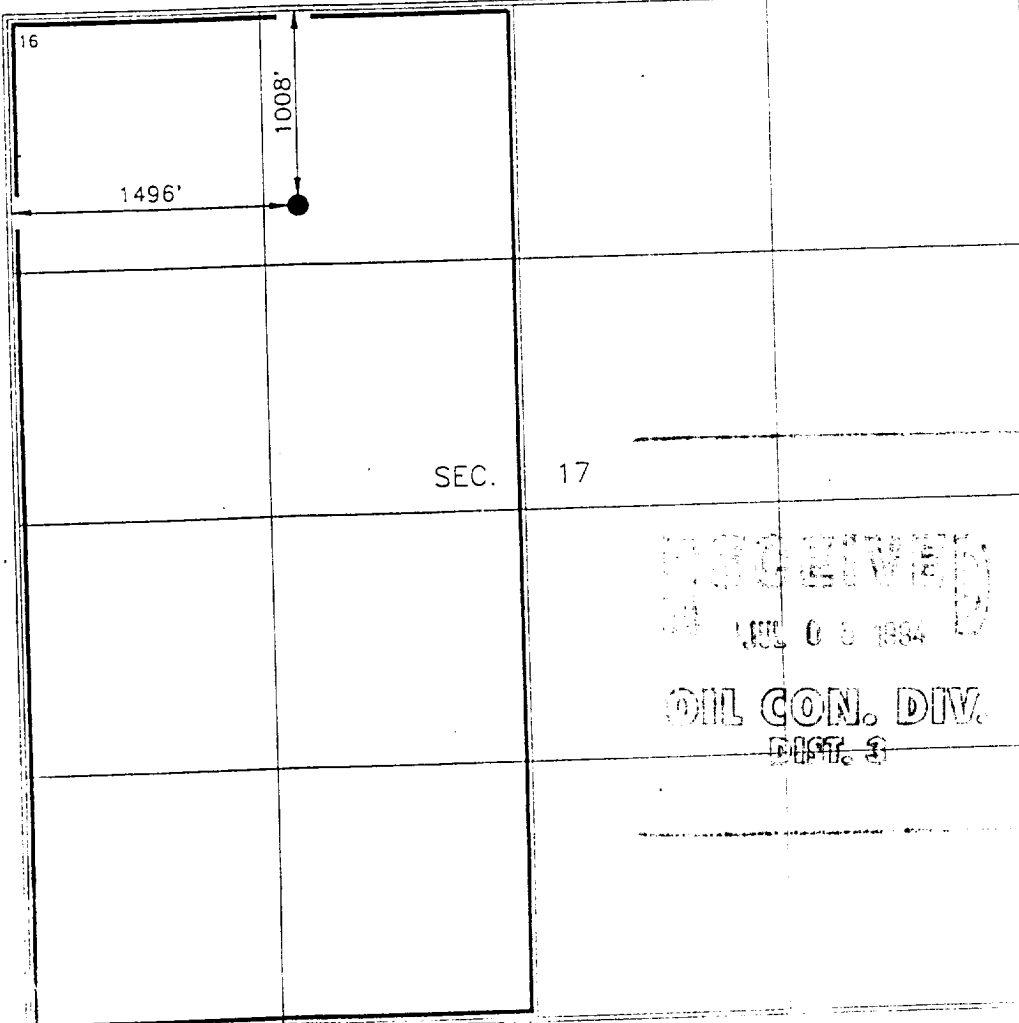
1 API Number 30-045-29144		2 Pool Code 72319		3 Pool Name BLANCO / MESA VERDE	
4 Property Code 008480		5 Property Name ROSA UNIT			6 Well Number # 139
7 OGRID No. 16189		8 Operator Name NORTHWEST PIPELINE CORPORATION			9 Elevation 6419

10 Surface Location								County	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	
C	17	31N	6W		1008'	FNL	1496'	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	13 Joint or Infill Y	14 Consolidation Code U	15 Order No.
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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
Paul C. Thompson, P.E.
Printed Name
Agent
Title
June 8, 1994
Date

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.

MAY 24, 1994
Date of Survey
Signature and Seal of Professional Surveyor:
James J. Hayes
Certificate Number
8336

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

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PO Drawer DD, Artesia, NM 88211-0719

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PO Box 2088, Santa Fe, NM 87504-2088

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Energy, Minerals & Natural Resources Department

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

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Revised February 10, 1991
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Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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2 Property Code 008480		3 Property Name ROSA UNIT			4 Well Number # 139
7 OGRID No. 16189		8 Operator Name NORTHWEST PIPELINE CORPORATION			9 Elevation 6419

10 Surface Location

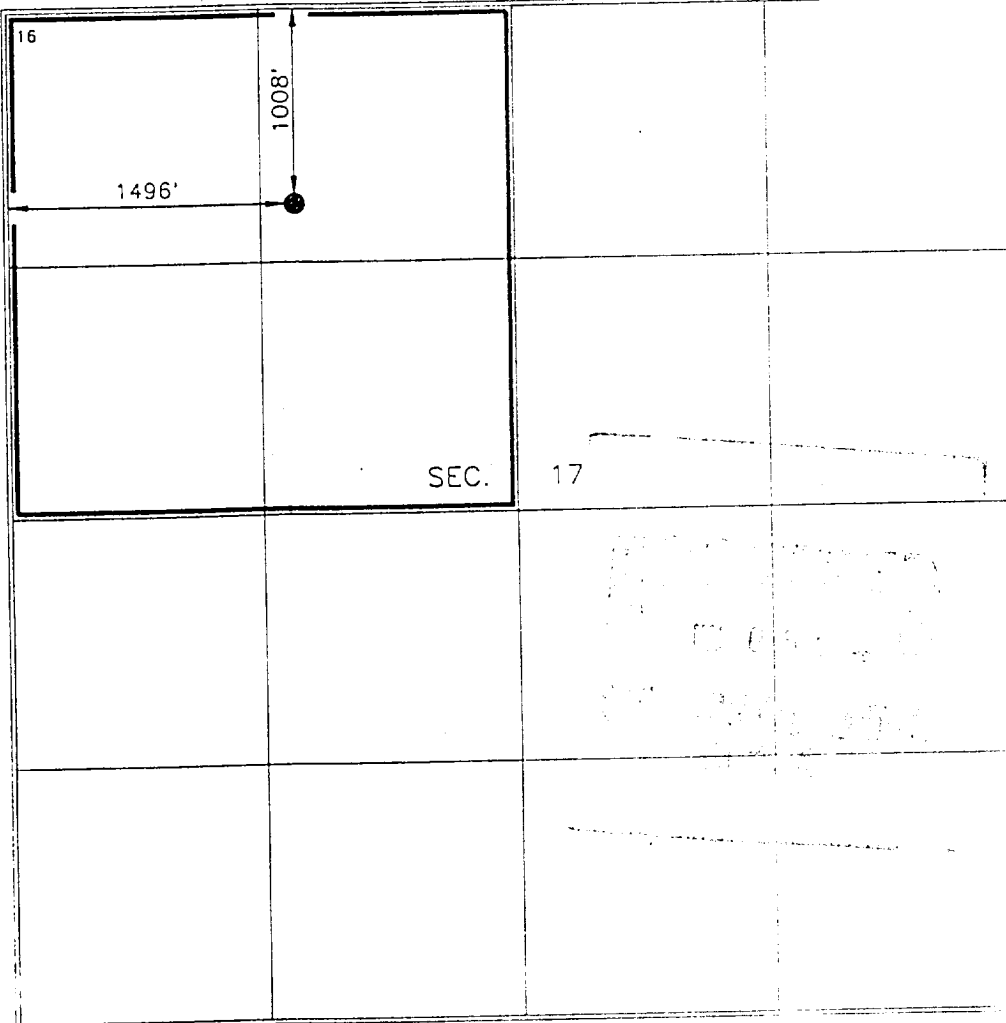
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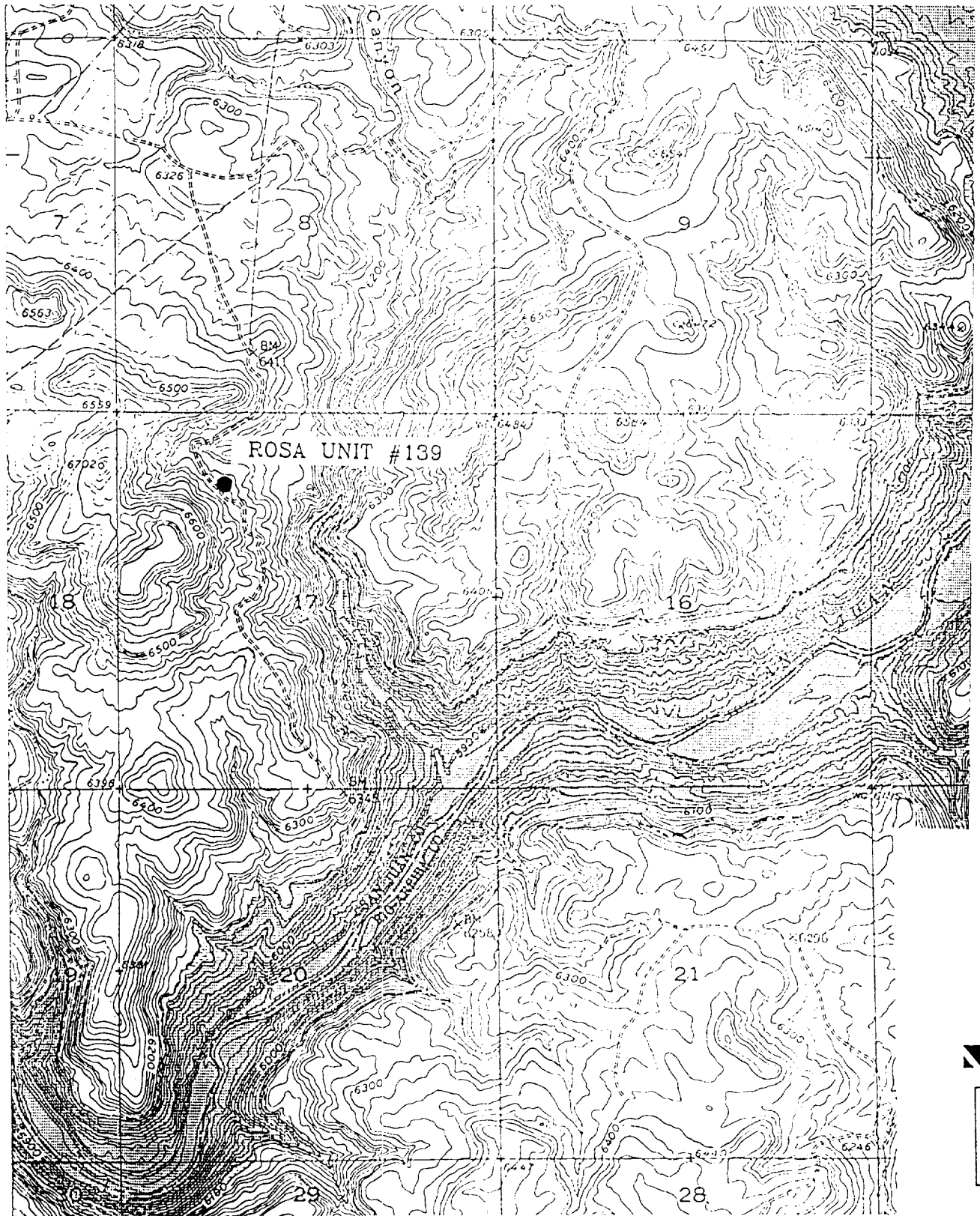
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MAY 24, 1994
Date of Survey
Signature and Seal of Professional Surveyor:

James J. Jeffries
Signature and Seal of Professional Surveyor
8336
Certificate Number



ROSA UNIT #139 NORTHWEST PIPELINE CORPORATION
1008' FNL, 1496' FWL, SEC. 17, T.31 N., R.6 W. N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO
BANCOS MESA NW
ELEV. = 6419