

DISTRICT I
P.O.Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O.Box 100, Artesia, NM 88211-0719

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O.Box 2088

Santa Fe, New Mexico 87504-2088

Form C-107
Revised 4-1-91

Filing Instructions
Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

NORTHWEST PIPELINE CORPORATION P.O. BOX 58900 SALT LAKE CITY, UTAH 84158-0900

Operator	Address					
ROSA UNIT	#100E	I	21	31	06	RIO ARRIBA
Lease	Well No.	Unit Ltr.	Sec	Twp	Rge	County

All applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Immediate Zone	Lower Zone
a. Name of Pool and Formation	WILD CAT ROSA PICTURED CLIFFS		BLANCO MESAVERDE
b. Top and Bottom of Pay Section (Perforations)	3156' - 3218'		5304' - 5686'
c. Type of Production (Oil or Gas)	GAS		GAS
d. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
e. Daily Production ☐ Actual ☒ Estimated Oil Bbls. Gas MCF Water Bbls.	PITOT 565 MCF/D	RECEIVED SEP - 9 1994 OIL CON. DIV. DIST. 3	PITOT 2,298 MCF/D

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

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

Signature Kathy Barney
Printed Name & Title KATHY BARNEY SR. OFFICE ASSISTANT
Date 09/08/94 Telephone (801)584-6981

OIL CONSERVATION DIVISION

Approved by: Charles Holson
Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3
Date: SEP - 9 1994

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval — See rule 112-A-B — Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval — See Rule 112-C — Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

WELLBORE DIAGRAM ROSA UNIT #100E PC/MV

LOCATION: 1570'FSL, 870'FEL
NE/4 SE/4 SEC. 21, T31N, R6W
RIO ARRIBA, Co., NM
ELEVATION: 6268' GR
KB: 13'

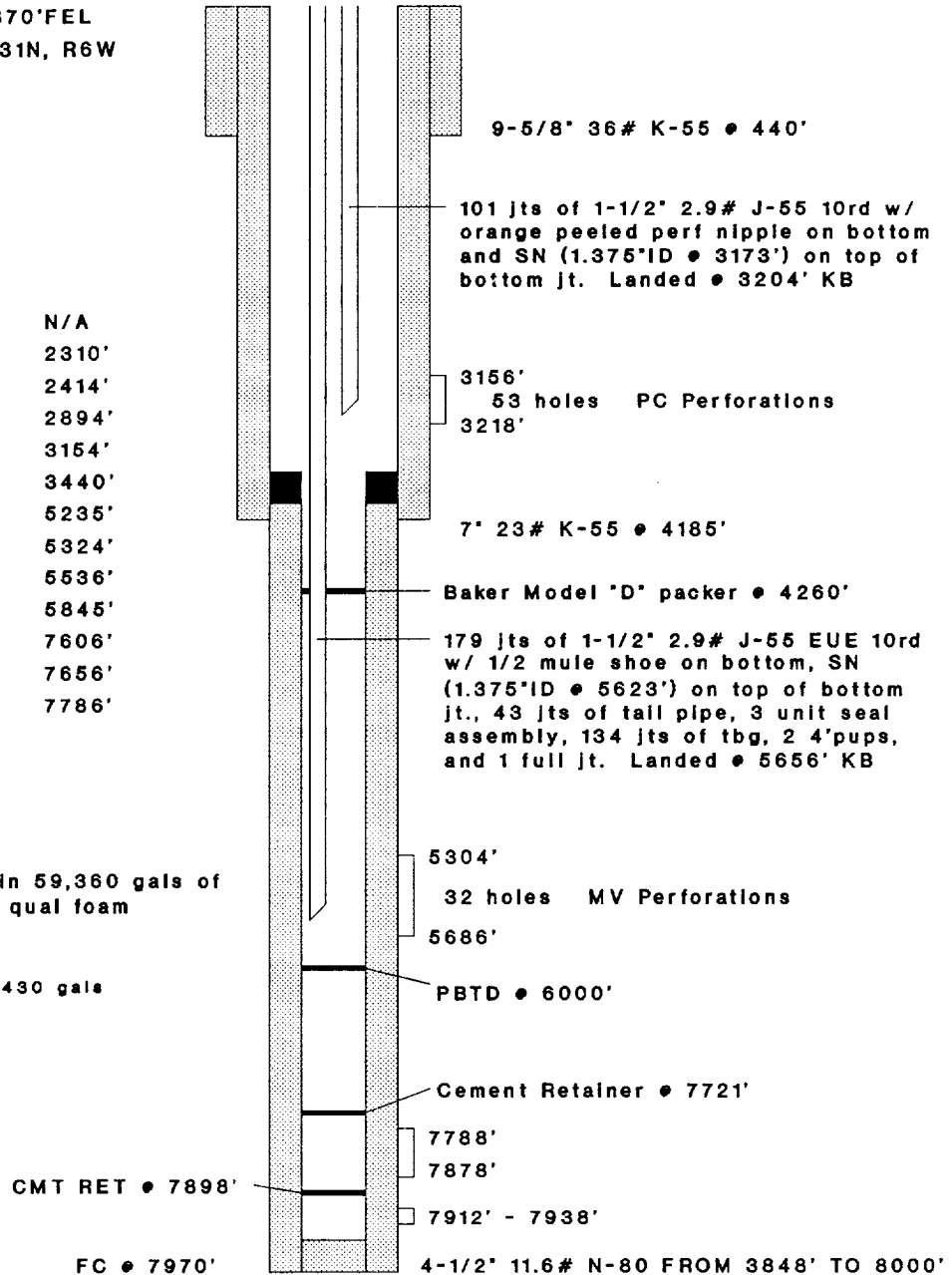
TOPS:

NACIMIENTO	N/A
OJO ALAMO	2310'
KIRTLAND	2414'
FRUITLAND	2894'
PICTURED CLIFFS	3154'
LEWIS	3440'
CLIFF HOUSE	5235'
MENEFEE	5324'
POINT LOOKOUT	5536'
MANCOS	5845'
GREENHORN	7606'
GRANEROS	7656'
DAKOTA	7786'

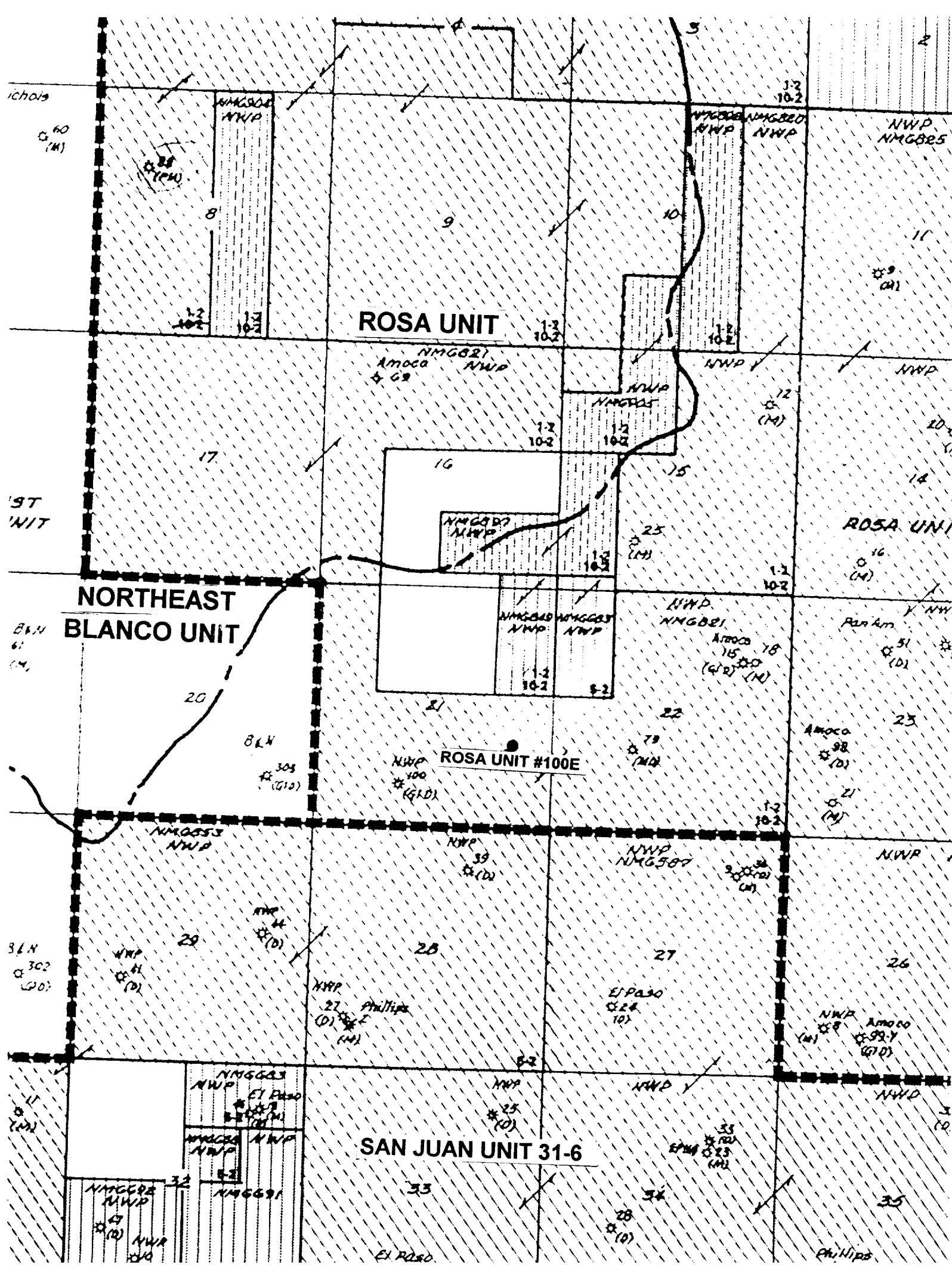
STIMULATION

Pictured Cliffs

3156' to 3218'
97,000# 20/40 sand in 59,360 gals of
30# X-Link gel in 70 qual foam
Mesa Verde
5304' to 5686'
103,200# 20/40 in 101,430 gals



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
12-1/4"	9-5/8" 36#	285 SX	336 CU.FT.	SURFACE
8-3/4"	7" 23#	960 SX	1107 CU.FT.	SURFACE
6-1/4"	4-1/2" 11.6#	670 SX	790 CU.FT.	LINER TOP



**OFFSET OPERATORS
ROSA UNIT #100E
I-21-31N-6W**

1. LEASE: NORTHEAST BLANCO UNIT

Operator: Blackwood and Nichols, P.O. Box 1237, Durango, CO, 81302

2. LEASE: ROSA UNIT

Operator: Northwest Pipeline Corp, MS-2M3, P.O. Box 58900, Salt Lake City, UT, 84158-0900

3. LEASE: SAN JUAN UNIT 31-6

Operator: Phillips Petroleum Company, 5525 Highway 64 NBU 3004, Farmington, NM, 87401

The well name, location and borehole reference data were furnished by the customer.

NATURAL GAMMA RAY SPECTROMETRY LOG

Amoco Production

Josa Unit #100E

Basin Dakota

Rio Arriba

STATE

New Mexico

FEL

Other Services:

SECT.	TWP.	RANGE	DIL
21	31 N	6 W	FDC/CNL
Elev.	6268.0 F		ML
13.0 F	above Perm. Datum		NGT
			SDT
			Elev.: K.B. 6281.0 F
			D.F.
			G.L. 6268.0 F

10 F	9 5/8	@ 440.0 F	@
10 F	439.0 F		
10 F	8 3/4	@ 4185.0 F	@
50.0 S			
9.0 C3			
@ 73.0 DEGF			@
@ 73.0 DEGF			@
@ 73.0 DEGF			@
Calc			@
@ 142 DEGF			@
Farmington			

