

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

DISTRICT II
P.O.Box DD, 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
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APPLICATION FOR MULTIPLE COMPLETION

Operator WILLIAMS PRODUCTION COMPANY Address P O BOX 3102, TULSA, 9K 74172

Lease: ROSA UNIT Well No. #66M Unit Ltr. F Sec 13 T31N R6W County: RIO ARRIBA

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	BLANCO MV		BASIN DAKOTA
b.	Top and Bottom of Pay Section (Perforations)	5610' - 6192'		8388' - 8462'
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.	IP = 3999		IP = 334

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 [Signature]
Printed Name & Title Susan Griguhn Clerk
Date July 14, 1998 Telephone (918)561-6254

OIL CONSERVATION DIVISION

Approved by ORIGINAL SIGNED BY ERNIE BUSCH

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Date: AUG 11 1998

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.

ROSA UNIT #66M MESAVERDE/DAKOTA

Location:

SE/4 NW/4 Sec 13, T31N R6W

2565' FNL and 2350' FWL

MV Bottom Hole: 1815' FNL and 1975' FWL

DK Bottom Hole: 1055' FSL and 1640' FWL

Rio Arriba, New Mexico

Elevation: 6346' GR

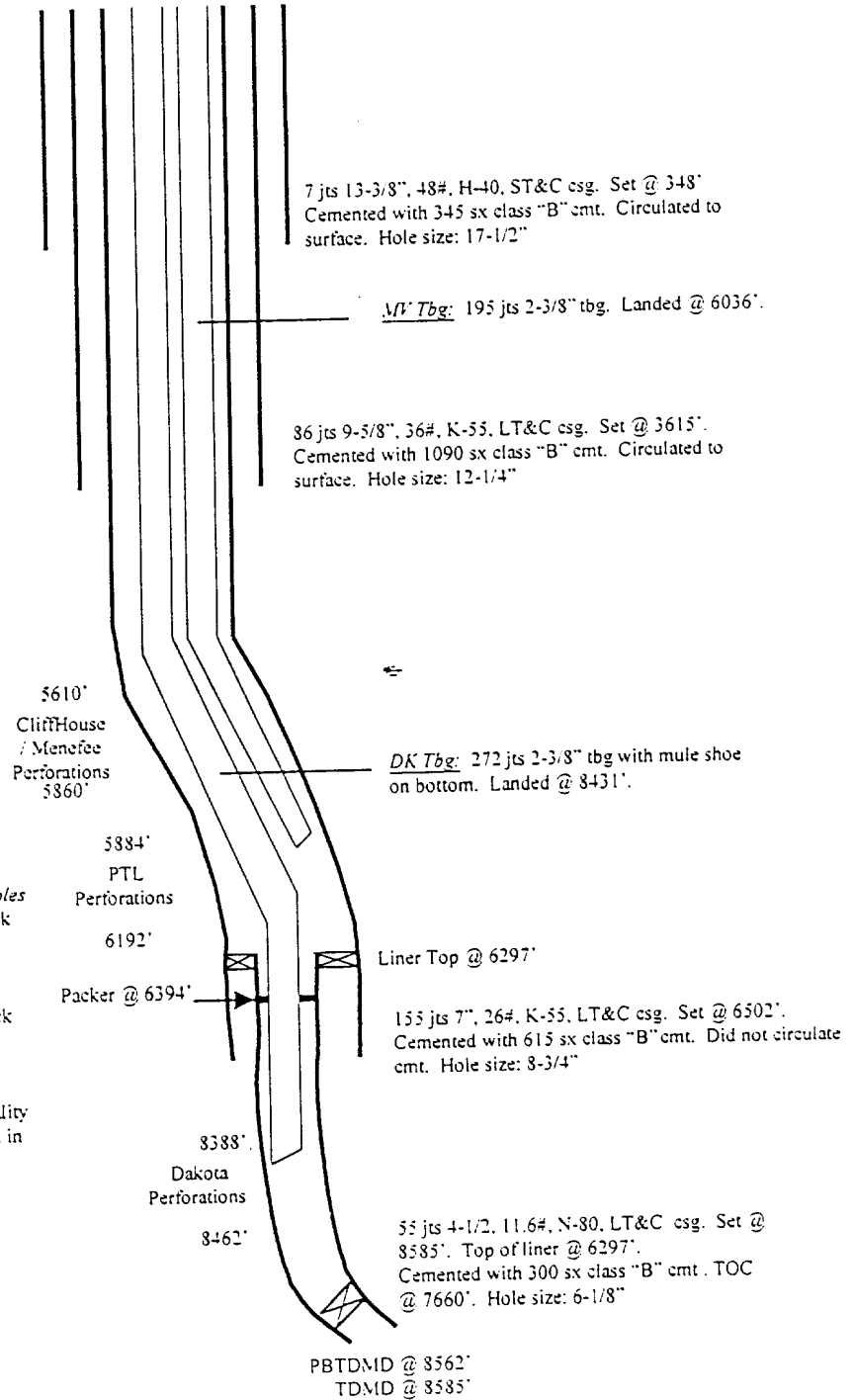
Top	Measured Depth	TVD
Ojo Alamo	2439'	2439'
Fruitland	2981'	2981'
Pictured Cliffs	3201'	3201'
Lewis	3488'	3488'
Cliff House	5290'	5160'
Menefee	5703'	5540'
Point Lookout	5967'	5660'
Mancos	6424'	6100'
Greenhorn	8163'	7740'
Dakota	8360'	7900'

Stimulation

*Cliff House/Menefee: 5610' - 5860', 32 (0.3") holes
Fraced with 80,000# 20/40 sand in 2149 BBIs slick
water.*

*Point Lookout: 5884' - 6192', 3" holes
Fraced with 80,000# 20/40 sand in 2028 BBIs slick
water.*

*Dakota: 8388' - 8462', 19 (0.36") holes
Fraced with 37,000# 20/40 Ottawa sand in 50 quality
foam. Re-fraced with 90,000# 20/40 Ottawa sand in
30# Borate cross-linked gel.*



SG 6-17-98

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OFFSET OPERATORS
ROSA UNIT #66M
F-13-31N-6W

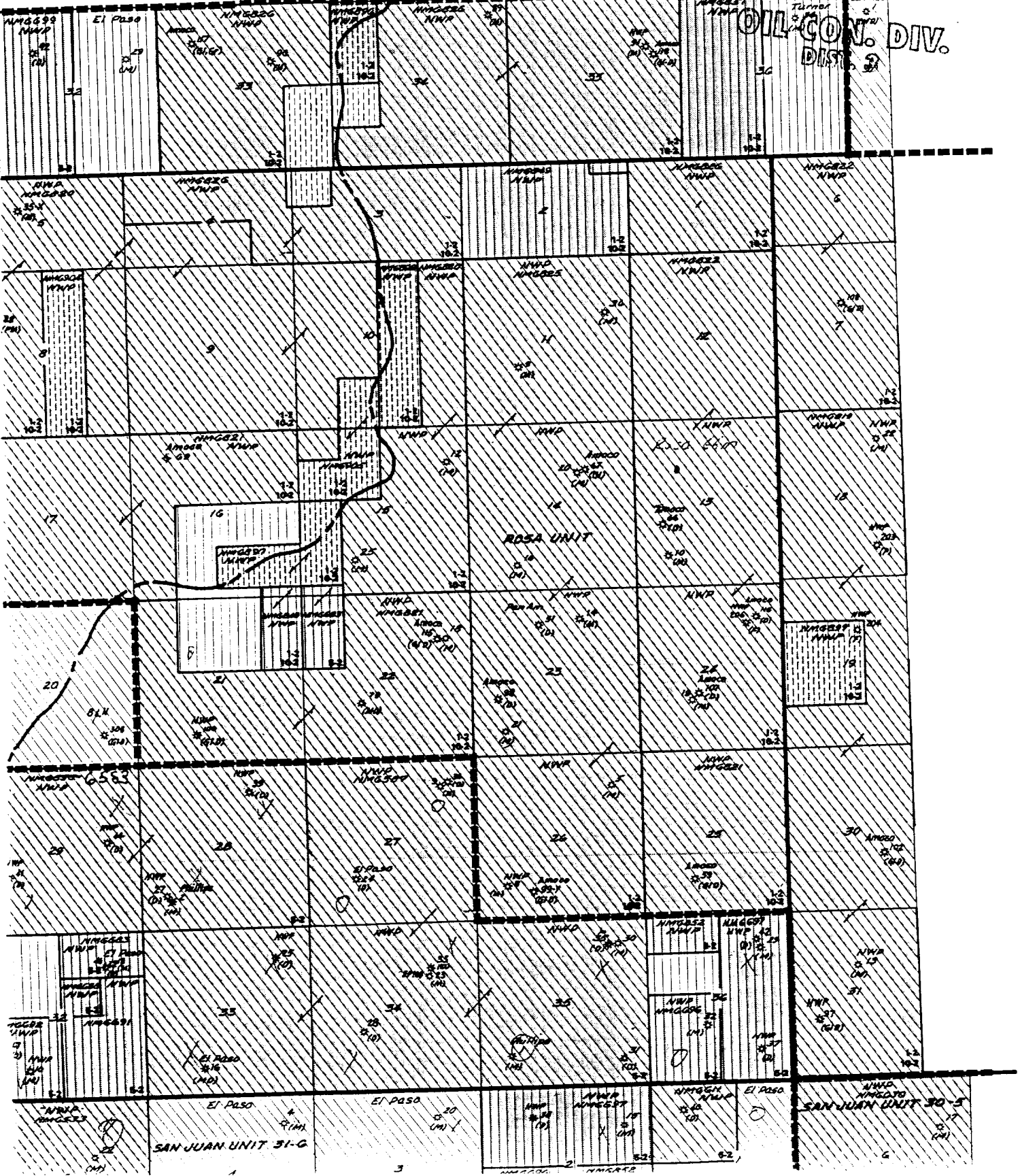
1. Lease: Rosa Unit
Operator: Williams Production Company, PO Box 3102, Tulsa OK, 74101

RECEIVED

3 1998

OIL CON. DIV.
DIST. 2

San Juan County Rio Arriba County





GAS SPECTRUM LOG

RAW - DATA
FIELD PRINT

COMPANY WILLIAMS PRODUCTION COMPANY					
WELL	ROSA 66M				
FIELD	DAKOTA MESAVERDE				
COUNTY	RIO ARRIBA				
STATE	NEW MEXIC				
LOCATION:	OTHER SERVICES:				
SEC.	TMP.				
PERM. DATUM	ELEV.				
LOG MEASURED FROM	FT. ABOVE PERMANENT DATUM				
DRILLING MEASURED FROM	ELEV.: K.B. _____ D.F. _____ G.L. _____				
DATE					
RUN NO.					
DEPTH DRILLER					
DEPTH LOGGER					
RTM. LOG INTERVAL					
TOP LOG INTERVAL					
OPEN HOLE SIZE					
TYPE FLUID					
DENS.	VISC.				
MAX. REC. TEMP. °F					
EST. CEMENT TOP					
TIME WELL READY					
TIME LOGGER ON BIT.					
EQUIP. NO.					
LOCATION					
RECORDED BY					
WITNESSED BY					
BOREHOLE RECORD					
RUN NO.	BIT FROM TO				
TUBING RECORD					
SIZE	WT/FT	GRADE	TYPE JOINT	TOP	BOTTOM
CASING RECORD					
SURFACE STRING					
PROD. STRING					
PROD. STRING					
LINER					

