

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

**DISTRICT II**  
P.O.Drawer 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. **#159** Unit Ltr. **O Sec 19 Twp 31N Rge 5W** 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)	5413' - 5985'		7880' - 8021' [8042' - 8055' below CIBP]
c. Type of Production (Oil or Gas)	GAS		GAS
d. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
e. Daily Production <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Estimated Oil Bbls. Gas MCF Water Bbls.	IP  1930	<b>RECEIVED</b> OCT 21 1996 <b>OIL CON. DIV.</b> <b>DIST. 3</b>	IP  694

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 *Larreen Kimbrel*  
Printed Name & Title LARREEN KIMBREL, SR. OFFICE ASSISTANT  
Date October 16, 1996 Telephone 918/588-4467

**OIL CONSERVATION DIVISION**

Approved by: *[Signature]*  
Title: SUPERVISOR DISTRICT #3  
Date: \_\_\_\_\_

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit **OCT 21 1996** and/or more than one 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 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 #159

MV/DK

Location: 790' FSL, 1850' FEL  
SW/4 SE/4 Section 19, T31N, R5W  
Rio Arriba Co., NM

Elevation = 6327' GR  
KB = 14'

TOPS	DEPTH
OJO ALAMO	2464'
KIRTLAND	2578'
FRUITLAND	2894'
PICTURED CLIFFS	3200'
LEWIS	3494'
CLIFF HOUSE	5398'
MENEFEE	5440'
POINT LOOKOUT	5649'
MANCOS	5771'
GALLUP	6426'
GREENHORN	7700'
GRANEROS	7752'
DAKOTA	7862'

## STIMULATION

Cliff House/Menefee: 5413' - 5638'

82,000# of 20/40 sand in 1683 BBL's of slick water.

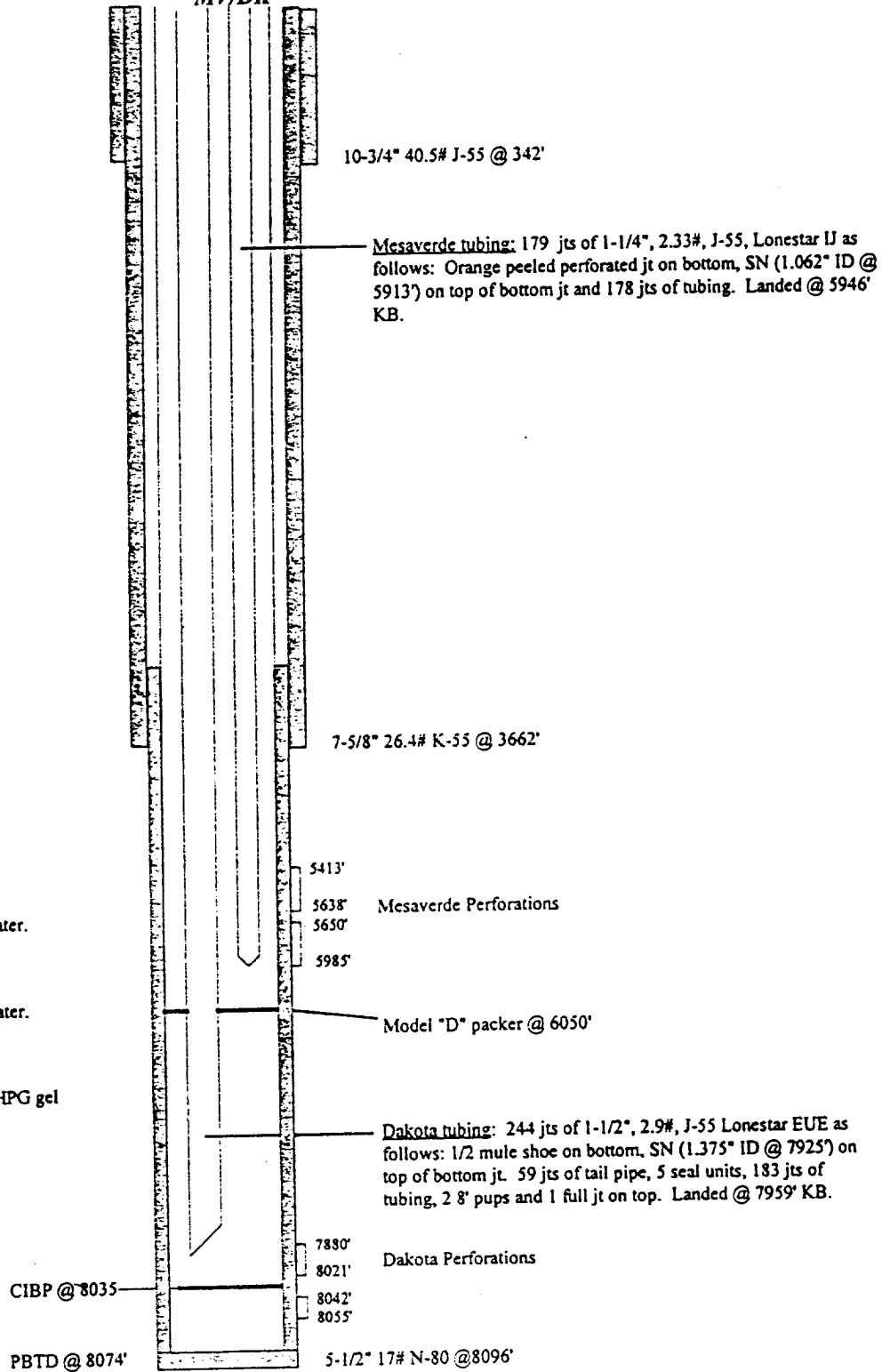
Point Lookout: 5650 - 5985'

82,220# of 20/40 sand in 1890 BBL's of slick water.

Dakota: 7880' - 8021'

90,300# of 20/40 sand in 505 BBL's of 35# CMHPG gel

X-Linked w/ Zirconium in a 60 quality foam.



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
14-3/4"	10-3/4" 40.5#	285 sx	336 cu.ft.	SURFACE
9-7/8"	7-5/8" 26.4#	805 sx	1548 cu.ft.	SURFACE
6-3/4"	5-1/2" 17#	440 sx	614 cu.ft.	2950' (CBL)

**OFFSET OPERATORS  
ROSA UNIT #159  
O-19-31N-5W  
RIO ARriba COUNTY, NEW MEXICO**

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

ROSA#159  
SEC 19-31N-5W

