

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

(See other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF COMPLETION:
☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF.RESVR. ☐ OTHER _____

2. NAME OF OPERATOR
WILLIAMS PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 3102 MS 37-2 TULSA, OK 74101 (918) 573-6254

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 570' FNL & 515' FWL
At top production interval reported below :
At total depth:

DEC 2001

5. LEASE DESIGNATION AND LEASE NO.
SF-078769

6. IF INDIAN ALLOTTEE OR

7. UNIT AGREEMENT NAME
ROSA UNIT

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #31B

9. API WELL NO.
30-039-26579

10. FIELD AND POOL, OR WILDCAT
BASIN DK

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
NW/4 NW/4 SEC 17-31N-5W

12. COUNTY OR
RIO ARriba

13. STATE
NEW MEXICO

15. DATE
SPUDDED
08/28/2001

16. DATE T.D.
REACHED
09/09/2001

17. DATE COMPLETED (READY TO PRODUCE)
11/23/2001

14. PERMIT NO.
DATE ISSUED
6315' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
8049' MD

21. PLUG, BACK T.D., MD & TVD
8025' MD

22. IF MULTICOMP.,
HOW MANY
2

23. INTERVALS
DRILLED BY

ROTARY TOOLS
x

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BASIN DK 7868' - 7936'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
IND/GR & DEN/NEU/TEMP

27. WAS WELL CORED
NO

28. CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
10-3/4" K-55	40#	502'	14-3/4"	460 SX - SURFACE	
7-5/8" K-55	26.4#	3669'	9-7/8"	835 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	0'	8049'	290 SX		2-1/16"	7960'	6100'

31. PERFORATION RECORD (Interval, size, and number)

Dakota: 7868', 70', 72', 76', 78', 80', 82', 7915', 18', 20', 24', 26', 28', 30', 32', 34' and 36'. Total of 17 (0.38") holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	7868' - 7936'	80,000# 20/40 Acfrac SB Excel resin coated proppant

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) SI waiting on pipeline	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
12/05/01	3 hr	3/4"			422		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
255	1055				3,374		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TO BE SOLD

TEST WITNESSED BY: LARRY HIGGINS

35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Inacy Ross TITLE Production Analyst DATE December 21, 2001

DEC 27 2001

FARMINGTON FIELD OFFICE
BY MM

NMOCD

K

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries)

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
PICTURED CLIFFS	3183'	3599'					
LEWIS	3599'	5353'					
CLIFFHOUSE	5353'	5439'					
MENEFEE	5439'	5652'					
POINT LOOKOUT	5652'	6137'					
MANCOS	6137'	7869'					
DAKOTA	7869'						

ROSA UNIT #31B BLANCO MV/BASIN DK

Location: 570' FNL, 515' FWL
NW/4 NW/4 Section 17(D), T31N, R5W
Rio Arriba Co., NM

Elevation: 6315' GR

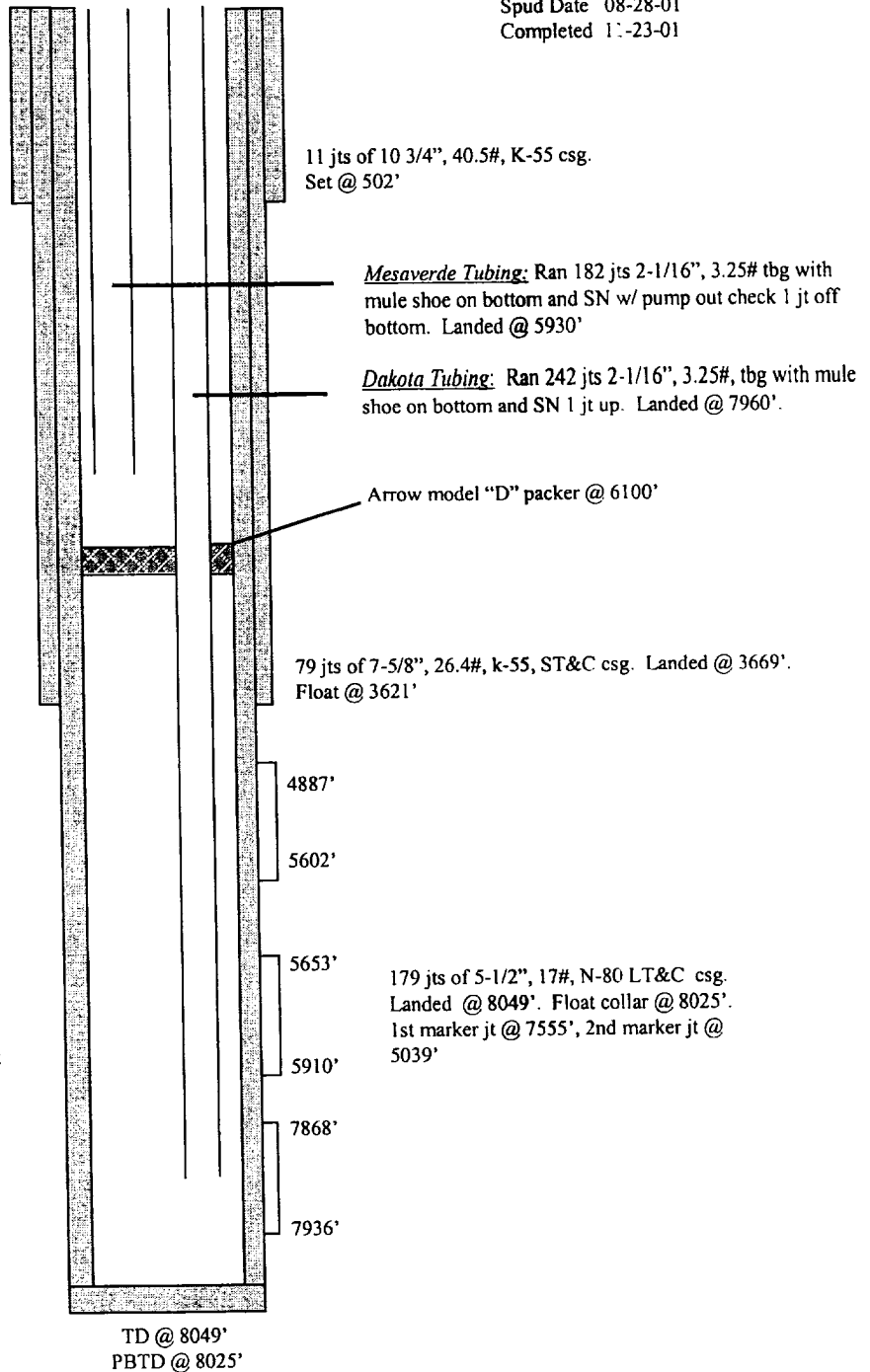
Spud Date 08-28-01
Completed 11-23-01

<i>Tops</i>	<i>Depth</i>
Kirtland	2557'
Pictured Cliffs	3183'
Cliff House	5353'
Point Lookout	5652'
Mancos	6137'
Dakota	7869'

Cliff House/Menefee 4887' - 5602' (34, 0.38" holes)
80,000# of 20/40 sand in 1983 BBI's slick water.

Point Lookout 5653' - 5910' (26, 0.38" holes)
80,000# of 20/40 sand in 1893 BBI's slick water.

Dakota 7868' - 7936' (17, 0.38" holes)
80,000# of 20/40 Acfrac SB Excel resin coated proppant



HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
14 3/4"	10 3/4"	460 sx	640 cu.ft.	462'
9 7/8"	7 5/8"	835 sx	1573 cu.ft.	3617'
6 3/4"	5 1/2"	290 sx	578 cu.ft.	3100'