

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

5. LEASE DESIGNATION AND LEASE NO.
SF-078767

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

ROSA UNIT

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

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #163

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

9. API WELL NO.
30-039-26345

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).
At Surface: 1740' FNL & 985' FEL
At top production interval reported below :
At total depth:

10. FIELD AND POOL, OR WILDCAT
BLANCO MV

11. SEC., T.R.M., OR BLOCK AND
SURVEY OR AREA
SW/4 NE/4 SEC 24-31N-6W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
RIO ARRIBA

13. STATE
NEW MEXICO

15. DATE
SPUDDED
09/22/2000

16. DATE T.D.
REACHED
09/28/2000

17. DATE COMPLETED (READY TO PRODUCE)
10/20/2000

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6248' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6020' MD

21. PLUG, BACK T.D., MD & TVD
5994' MD

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BLANCO MV 5018' - 5898'

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
9-5/8" K-55	36#	290'	12-1/4"	150 SX - SURFACE	
7" K-55	20#	5528'	8-3/4"	575 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3477'	6020'	265 SX		2-3/8"	5849'	

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

CH/Menefee: 5018', 21', 84', 86', 98', 5129', 43', 48', 96', 5246', 63', 80', 5324', 39', 71', 73', 75', 82', 87', 89', 5454', 61' and 5517'. Total of 23 (0.38") holes
Point Lookout: 5564', 71', 74', 78', 81', 88', 91', 95', 98', 5601', 05', 13', 16', 20', 22', 28', 30', 42', 45', 47', 52', 54', 56', 74', 77', 94', 5711', 22', 24', 37', 52', 72', 99', 5802', 14', 21', 25', 75' and 98'. Total of 39 (0.38") holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5018'-5517'	80,000# 20/40 Sand in 1510 BBIs slick water
5564'-5898'	80,000# 20/40 Sand in 1934 BBIs slick water

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
10/24/00	3 hr	3/4"			420		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
253	852				3,362		

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

TEST WITNESSED BY: CHIK CHARLEY

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

Tracy Ross

TITLE Production Analyst

DATE November 8, 2000

ACCEPTED FOR RECORD

NOV 21 2000

FARMINGTON FIELD OFFICE
BY *[Signature]*

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	
FRUITLAND	2826'	3100'						
PICTURED CLIFFS	3100'	3392'						
LEWIS	3392'	5367'						
CLIFF HOUSE	5367'	5393'						
MENEFEE	5393'	5562'						
POINT LOOKOUT	5562'							

ROSA UNIT #163
BLANCO MESAVERDE

Location:

1740' FNL and 985' FEL
SW/4 NE/4 Sec 24(G), T31N R06W
Rio Arriba, New Mexico
Elevation: 6248' GR

Spud date: 9/22/00

Completed: 10/20/00

<u>Top</u>	<u>Depth</u>
Pictured Cliffs	3100'
Lewis	3392'
CliffHouse	5367'
Menefee	5393'
Point Lookout	5562'

6 jts 9-5/8", 36#, K-55, LT&C csg. Landed @ 290'
Cemented with 150 sx cmt

4 1/2" X 7" TIW liner hanger.
TOL @ 3477'

78 jts 7", 20#, K-55, ST&C csg. Landed @ 3582'.
Float @ 3533'. Cemented with 575 sx cmt.

187 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg w/
1/2" mule shoe on bottom and SN 1 jt up.
Landed @ 5849'

56 jts 4-1/2", 10.5#, K-55 ST&C csg. Landed @
3477' - 6020'. Latch collar @ 5994' & marker jt @
5060'. Cemented with 265 sx cmt

STIMULATION

CliffHouse/Menefee: 5018' - 5517'
(23, 0.38" holes) Frac with 80,000#
20/40 sand in 1510 bbls slick water.

Point Lookout: 5564' - 5898' (39,
0.38" holes) Frac with 80,000# 20/40
sand in 1934 bbls slick water.

5018'
5517'
5564'
5898'

TD @ 6020'
PBSD @ 5994'

Hole Size	Casing	Cement	Volume	Top Of CMT
12-1/4"	9-5/8", 36#	150 sx	209 cu. Ft.	surface
8-3/4"	7", 20#	575 sx	1085 cu ft.	surface
6-1/4"	4-1/2", 10.5#	265 sx	387 cu. Ft.	3760'