

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 25-1 TULSA, OK 74101 (918) 573-6254

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At Surface: 990' FNL & 1330' FEL

At top production interval reported below :

At total depth: 1010' FNL & 2456' FEL

14. PERMIT NO

DATE ISSUED

15. DATE  
SPUDDED  
10/10/07

16. DATE T D  
REACHED  
10/26/07

17. DATE COMPLETED (READY TO PRODUCE)  
12/02/07

18. ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6465' GR

20. TOTAL DEPTH, MD & TVD  
8300' MD

21. PLUG, BACK T D, MD & TVD

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)\*  
BLANCO MESAVERDE 5422' - 6319'

25. WAS DIRECTIONAL SURVEY MADE  
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

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	40.5#	328'	14 3/4"	265 SX - SURFACE	
7 7/8", K-55	26.4#	3989'	9 7/8"	900 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2", 17#N-80	0'	8298'	220 SX		2-1/16", J-55, 3.25#	6306'	6365'

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

CH/MEN: 5422' - 5880' Total of 57, 0.34" holes

PLO: 5956' - 6319'. Total of 55, 0.34" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5422' - 5880'	Fraced w/ 9900# 14/30 Lite Prop 125, followed by 2000# 20/40 brown sand.
5956' - 6319'	Fraced w/ 9900# 14/30 Lite Prop 125, followed by 2000# 20/40 brown sand.

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
		Flowing				SI - waiting on C-104 approval	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11/29/07	1 5 hrs	2"			1584		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR )
0	6.5						

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

TEST WITNESSED BY Ellis King

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 Sr. Production Analyst DATE December 6, 2007

NMOCD

ACCEPTED FOR RECORD

DEC 18 2007

FARMINGTON FIELD OFFICE  
BY T.L. Salyers

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
229/02 IT						PICTURED CLIFFS	3671'	
						LEWIS	3792'	
						CLIFFHOUSE	5694'	
						MENEFEE	5743'	
						POINT LOOKOUT	5955'	
						MANCOS	6462'	
						DAKOTA	8206'	

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n Lieu of  
Form 3160-4  
July 1992)

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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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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 25-1 TULSA, OK 74101 (918) 573-6254

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At Surface: 990' FNL & 1330' FEL  
At top production interval reported below.  
At total depth: 1010' FNL & 2456' FEL

5. LEASE DESIGNATION AND LEASE NO.  
NMSF-078764

6 IF INDIAN, ALLOTTEE OR  
RCVD DEC 20 '07

7 UNIT AGREEMENT NAME  
OIL CONS. DIV.

8 FARM OR LEASE NAME, WELL NO  
ROSA UNIT #22B

9 WELL NO  
30-039-30244 - 0101

10. FIELD AND POOL, OR WILDCAT  
BASIN DAKOTA

11 SEC., T., R., M., OR BLOCK AND  
SURVEY OR AREA  
NW/4 NE/4 SEC 18-31N-5W

12 COUNTY OR  
RIO ARRIBA

13 STATE  
NEW MEXICO

15 DATE  
SPUDDED  
10/10/07

16 DATE T'D  
REACHED  
10/26/07

17 DATE COMPLETED (READY TO PRODUCE)  
12/02/07

14 PERMIT NO  
DATE ISSUED  
6465' GR

18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6465' GR

19 ELEVATION CASINGHEAD

20 TOTAL DEPTH, MD & TVD  
8300' MD

21 PLUG, BACK T'D, MD & TVD

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)\*

BLANCO MISAVARDE 5422' - 6319' Basin Dakota (8206 - 8282) FT

25 WAS DIRECTIONAL SURVEY MADE  
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

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	40.5#	328'	14 3/4"	265 SX - SURFACE	
7 7/8", K-55	26.4#	3989'	9 7/8"	900 SX - SURFACE	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2", 17#, N-80	0'	8298'	220 SX		2-1/16", J-55, 3.25#	8271'	6365'

31 PERFORATION RECORD (Interval, size, and number)

Dakota: 8206' - 8282' Total of 51, 0.34" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
8206' - 8282' Fraced w/ 9900# Lite Prop 108 & 3000# SB-Excel

33 PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
		Flowing				SI - waiting on C-104 approval	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11/19/07	1 hrs	2"			158		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
0	5						

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

TEST WITNESSED BY Ellis King

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 Sr. Production Analyst DATE December 6, 2007

NMOCD

ACCEPTED FOR RECORD

DEC 18 2007

FARMINGTON FIELD OFFICE  
BY T. Salinas

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
2201/12 BT						PICTURED CLIFFS	3671'	
						LEWIS	3792'	
						CLIFFHOUSE	5694'	
						MENEFEE	5743'	
						POINT LOOKOUT	5955'	
						MANCOS	6462'	
						DAKOTA	8206'	

2201/12 BT (8800-2820) 2201/12 BT

LAWRENCE HALL DICK  
DICKSON & SONS WASHINGTON

RECEIVED  
JAN 10 1960  
U.S. GEOLOGICAL SURVEY