

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: 845' FNL & 2525' FEL  
At top production interval reported below  
At total depth.

14 PERMIT NO

DATE ISSUED

15 DATE  
SPUDDED  
09/17/07

16 DATE T D  
REACHED  
10/03/07

17 DATE COMPLETED (READY TO PRODUCE)  
11/05/07

18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6776' GR

20 TOTAL DEPTH, MD & TVD  
8420' 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)\*  
BASIN DAKOTA 8298' - 8392'

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#	325'	14 3/4"	298 SX - SURFACE	
7 7/8", J-55	26.4#	4092'	9 7/8"	850 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'	8418'	205 SX		2-1/16", J-55, 3.25#	8376'	6390'

31 PERFORATION RECORD (Interval, size, and number)

DAKOTA: 8298' - 8392' Total of 90, 0 38" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	AMOUNT AND KIND OF MATERIAL USED
DEPTH INTERVAL (MD)	
8298' - 8292'	Fraced w/ 10,000# Lite Prop 108, followed w/ 3300# SB Excel 20/40.

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 for C-104 approval	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
10/24/07	1 hr	2"			175		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
0	1.5						

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

TEST WITNESSED BY Al Rector

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 Inez Rose TITLE Sr. Production Analyst DATE November 12, 2007

NMOCD

ACCEPTED FOR RECORD

NOV 19 2007

FARMINGTON FIELD OFFICE  
BY T. Salvers

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	3387'	
						PICTURED CLIFFS	3769'	
						CLIFFHOUSE	5834'	
						MENEFEE	5878'	
						POINT LOOKOUT	6090'	
						MANCOS	6542'	
						DAKOTA	8297'	

In Lieu of  
Form 3160-4  
(July 1992)

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.  
NMSF-078773

6 IF INDIAN, ALLOTTEE OR

7 UNIT AGREEMENT NAME

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

NOV 15 2007

NMNM-78407A

2 NAME OF OPERATOR  
WILLIAMS PRODUCTION COMPANY

Bureau of Land Management  
Farmington Field Office

8 FARM OR LEASE NAME, WELL NO  
ROSA UNIT #184C

3 ADDRESS AND TELEPHONE NO  
P O. BOX 3102 MS 25-1 TULSA, OK 74101 (918) 573-6254

9 API WELL NO  
30-039-30143-0002

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At Surface 845' FNL & 2525' FEL  
At top production interval reported below :  
At total depth:

10 FIELD AND POOL, OR WILDCAT  
BLANCO MESAVERDE

11 SEC., T., R., M., OR BLOCK AND  
SURVEY OR AREA  
NW/4 NE/4 SEC 34-31N-5W

14 PERMIT NO

DATE ISSUED

12 COUNTY OR

13 STATE

RIO ARriba

NEW MEXICO

15 DATE  
SPUDDED  
09/17/07

16 DATE T D  
REACHED  
10/03/07

17 DATE COMPLETED (READY TO PRODUCE)  
11/05/07

18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6776' GR

19 ELEVATION CASINGHEAD

20 TOTAL DEPTH, MD & TVD  
8420' MD

21 PLUG, BACK T D, MD & TVD

22 IF MULTICOMP,  
HOW MANY  
2

23 INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

x RCVD NOV 20 '07

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
BLANCO MESAVERDE 5618' - 6334'

25 WAS DIRECTIONAL SURVEY MADE  
YES OIL CONS. DIV.

26 TYPE ELECTRIC AND OTHER LOGS RUN

27 WAS WELL CORED  
NO DIST. 3

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#	325'	14 3/4"	298 SX - SURFACE	
7 7/8", J-55	26.4#	4092'	9 7/8"	850 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'	8418'	205 SX		2-1/16", J-55, 3 25#	6327'	6390'

31 PERFORATION RECORD (Interval, size, and number)

CHMEN: 5618' - 5950' Total of 53, 0.38" holes

PLO: 6021' - 6334' Total of 55, 0.38" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5618' - 5950'	Fraced w/ 9970# 14/30 Lite Prop 125, followed by 3030# 20/40 brown sand.
6021' - 6334'	Fraced w/ 9970# 14/30 Lite Prop 125, followed by 3030# 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 for C-104 approval	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11/02/07	1 hr	2"			404		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE			OIL - BBL	GAS - MCF	OIL GRAVITY-API (CORR)
0	7						

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

TEST WITNESSED BY A: Rector

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 November 12, 2007

ACCEPTED FOR RECORD

NOV 19 2007

FARMINGTON FIELD OFFICE  
BY T. Sayers

NMOCD

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38 GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC		NAME	TOP		
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						FRUITLAND	3387'	
						PICTURED CLIFFS	3769'	
						CLIFFHOUSE	5834'	
						MENEFEE	5878'	
						POINT LOOKOUT	6090'	
						MANCOS	6542'	
						DAKOTA	8297'	

279/02.57

5000

5000