

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-078771

6 IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

7. UNIT AGREEMENT NAME

Rosa Unit

1a TYPE OF WELL T 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 640, Aztec, NM 87410 (505) 634-4208

Bureau of Land Management  
Farmington Field Office

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

At Surface: 1485' FNL & 1525' FEL, sec 14, T31N, R6W

At top production interval reported below: 2070' FNL & 440' FEL, sec 14, T31N, R6W

At total depth: Same

2070' 440'

8 FARM OR LEASE NAME, WELL NO

Rosa Unit #20D

9 API WELL NO

30-039-30754-01C1

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11 SEC., T., R., M., OR BLOCK AND  
SURVEY OR AREA

Sec 14, T31N, R6W

12 COUNTY OR

Rio Arriba

13 STATE

New Mexico

19 ELEVATION CASINGHEAD

RCVD DEC 8 '09

15. DATE  
SPUDDED  
7-9-09

16 DATE T D  
REACHED  
8-22-09

17. DATE COMPLETED (READY TO PRODUCE)  
11-23-09

14. PERMIT NO

DATE ISSUED

18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6368' GR

20 TOTAL DEPTH, MD & TVD  
8347' MD / 8147' TVD

21 PLUG, BACK T D, MD & TVD  
8342' MD / 8142' TVD

22 IF MULTICOMP.,  
HOW MANY  
3\*

23 INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

x OIL CONS. DIV.

24 PRODUCING INTERVAL(S). OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

BASIN DAKOTA. 8120' - 8334' MD

Commingled with MV & MC per AZT-3243

25. WAS DIRECTIONAL SURVEY MADE

YES DIST. 3

26. TYPE ELECTRIC AND OTHER LOGS Pulsed Neutron Decay Log and CBL

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", J-55	40.5#	355'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	3943'	9-7/8"	605 SX - SURFACE	
5-1/2", N-80	17.0#	8347'	6-3/4"	372 SX - 4275 (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/5", 4.7#, J-55 & N-80EUE 8rd	8232'	none

31 PERFORATION RECORD (Interval, size, and number)

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8120'-8334'	Fracced with 5400# 100 mesh followed with 107,700# 40/70 mesh BASF

Dakota: Total of 126, 0.34" holes

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 tie-in	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11-22-09	1 hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
0	400 lb				601 mcf/d		

34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) non flaring

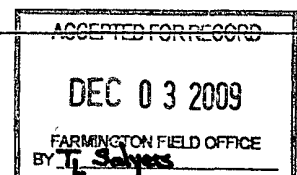
TEST WITNESSED BY, Dalton King

35 LIST OF ATTACHMENTS SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

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

SIGNED Larry King TITLE Drlg COM DATE 11-25-09

NMOCOD



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
						LEWIS	3753'	3560'
						CLIFFHOUSE	5604'	5405'
						POINT LOOKOUT	5886'	5686'
						MANCOS	6322'	6122'
						GRANEROS	7984'	7784'
						DAKOTA	8118'	7918'

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5 LEASE DESIGNATION AND LEASE NO.  
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6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

Rosa Unit

8 FARM OR LEASE NAME, WELL NO  
Rosa Unit #20D

9 API WELL NO

30-039-30754-0122

10 FIELD AND POOL, OR WILDCAT  
Basin Mancos

11 SEC., T., R., M., OR BLOCK AND  
SURVEY OR AREA  
Sec 14, T31N, R6W

12. COUNTY OR 13 STATE  
Rio Arriba New Mexico

19 ELEVATION CASINGHEAD  
RCVD DEC 8 '09

ROTARY TOOLS CABLE TOOLS  
x OIL CONS. DIV.

25 WAS DIRECTIONAL SURVEY MADE  
YES DIST. 3

27. WAS WELL CORED  
No

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 640, Aztec, NM 87410 (505) 634-4208

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

At Surface 1485' FNL & 1525' FEL, sec 14, T31N, R6W

At top production interval reported below : 2070' FNL & 440' FEL, sec 14, T31N, R6W

At total depth: Same

14 PERMIT NO.

DATE ISSUED

15 DATE  
SPUDDED  
7-9-09

16 DATE T D  
REACHED  
8-22-09

17 DATE COMPLETED (READY TO PRODUCE)  
11-23-09

18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6368' GR

20 TOTAL DEPTH, MD & TVD  
8347' MD / 8147' TVD

21 PLUG BACK T D, MD & TVD  
8342' MD / 8142' TVD

22 IF MULTICOMP.,  
HOW MANY  
3\*

23 INTERVALS  
DRILLED BY

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

Basin Mancos: 7130'-7505' MD

Commingled with MV & DK per AZT-3243

26 TYPE ELECTRIC AND OTHER LOGS Pulsed Neutron Decay Log and CBL

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", J-55	40.5#	355'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	3943'	9-7/8"	605 SX - SURFACE	
5-1/2", N-80	17.0#	8347'	6-3/4"	372 SX - 4275 (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/5", 4 7/8", J-55 & N-80EUE 8rd	8232'	none

31 PERFORATION RECORD (Interval, size, and number)

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7130'-7270'	Faced with 5200# 100 mesh followed with 101,640# 40/70 mesh BASF
7350'-7505'	Faced with 5200# 100 mesh followed with 107,800# 40/70 mesh BASF

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 tie-in	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11-22-09	1 hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	400 lb				927 mcf/d		

34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) non flaring

TEST WITNESSED BY Dalton King

35 LIST OF ATTACHMENTS

SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

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

SIGNED

*Larry Higgins*

TITLE

Drlg COM

DATE

11-25-09

NMOCD

ACCEPTED FOR RECORD

DEC 03 2009

FARMINGTON FIELD OFFICE  
BY *T. Saliers*

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
						LEWIS	3753'	3560'
						CLIFFHOUSE	5604'	5405'
						POINT LOOKOUT	5886'	5686'
						MANCOS	6322'	6122'
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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

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At Surface: 1485' FNL & 1525' FEL, sec 14, T31N, R6W

At top production interval reported below: 2070' FNL & 448' FEL, sec 14, T31N, R6W

At total depth Same

7 UNIT AGREEMENT NAME

Rosa Unit

8 FARM OR LEASE NAME, WELL NO

Rosa Unit #20D

9 API WELL NO

30-039-30754 - 01C3

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC, T, R, M, OR BLOCK AND  
SURVEY OR AREA

Sec 14, T31N, R6W

12 COUNTY OR

Rio Arriba

13 STATE

New Mexico

15 DATE  
SPUDDED  
7-9-09

16 DATE T D  
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18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6368' GR

19 ELEVATION CASINGHEAD

RCVD DEC 8 '09

20 TOTAL DEPTH, MD & TVD  
8347' MD / 8147' TVD

21 PLUG, BACK T D, MD & TVD  
8342' MD / 8142' TVD

22 IF MULTICOMP,  
HOW MANY  
3\*

23 INTERVALS  
DRILLED BY

ROTARY TOOLS  
x OIL

CABLE TOOLS  
CONS. DIV.

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

BLANCO MESAVERDE: 5608'-6214' MD

Commingled with MC & DK per AZT-3243

25 WAS DIRECTIONAL SURVEY MADE  
YES DIST. 3

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", J-55	40.5#	355'	14-3/4"	290 SX - SURFACE	
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5-1/2", N-80	17 0#	8347'	6-3/4"	372 SX - 4275 (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/5", 4 7#, J-55 & N-80 EUE 8rd	8232'	none

31 PERFORATION RECORD (Interval, size, and number)

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL  
(MD)

AMOUNT AND KIND OF MATERIAL USED

Upper MV Total of 63, 0.34" holes

5608'-5856'

Fraced with 76,033# 20/40 mesh BASF

Lower MV Total of 74, 0.34" holes

5890'-6214'

Fraced with 83,087# 20/40 mesh BASF

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 tie-in	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11-22-09	1 hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	400 lb				977 mcf/d		

34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) non flaring

TEST WITNESSED BY Weldon Higgins

35 LIST OF ATTACHMENTS

SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

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

SIGNED

TITLE Dig COM

DATE 11-25-09

ACCEPTED FOR RECORD

DEC 03 2009

FARMINGTON FIELD OFFICE  
BY T. Salas

NMOCD

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			
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