

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-078765

6 IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

7. UNIT AGREEMENT NAME

Rosa Unit

Report to lease

8 FARM OR LEASE NAME, WELL NO  
Rosa Unit #75D

9. API WELL NO

30-045-34964-0001

10. FIELD AND POOL, OR WILDCAT  
Basin Dakota

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

Sec 10, T31N, R6W

12 COUNTY OR

San Juan

13 STATE

New Mexico

19. ELEVATION CASINGHEAD

ROTARY TOOLS

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

YES

27 WAS WELL CORED

No

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

SEP 24 2009

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 1775' FSL & 605' FWL, sec 10, T31N, R6W

At top production interval reported below . 2218' FNL & 882' FWL, sec 10, T31N, R6W

At total depth. Same

14 PERMIT NO.

DATE ISSUED

15 DATE

16. DATE T D

17 DATE COMPLETED (READY TO PRODUCE)

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

SPUDDED  
6-18-09

REACHED  
7-2-09

9-23-09

6294' GR

20. TOTAL DEPTH, MD & TVD  
8220' MD / 7949' TVD

21. PLUG, BACK T D, MD & TVD  
8206' MD / 7935' 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 DAKOTA. 8086'-8184' MD

Commingles with Mesaverde and Mancos per AZT-3224

26. TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Compensated Gamma Ray-Density-Neutron, Temperature, Ultra Sonic Gas Detector 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#	317'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	4025'	9-7/8"	674 SX - SURFACE	
5-1/2", N-80	17.0#	8208'	6-3/4"	350 SX - 3380' (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	8147'	none

31 PERFORATION RECORD (Interval, size, and number)

Dakota: Total of 72, 0.34" holes ✓

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

DEPTH INTERVAL  
(MD)

AMOUNT AND KIND OF MATERIAL USED

8086'-8184'

Fraced with 5027# 100 mesh BASF followed with 71,760# 40/70 mesh BASF

RCVD SEP 28 '09

OIL CONS. DIV.

33 PRODUCTION

DIST. 3

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
9-21-09 ✓	2 hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
0	350 lb				1131 mcf/d ✓		

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

TEST WITNESSED BY Craig Ward

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

9-24-09

NMOCD

18

ACCEPTED FOR RECORD

SEP 25 2009

FARMINGTON FIELD OFFICE  
BY T. 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
						PICTURED CLIFFS	3358'	3093'
						LEWIS	3757'	3487'
						CLIFFHOUSE	5580'	5309'
						MENEFEE	5632'	5367'
						POINT LOOKOUT	5849'	5578'
						MANCOS	6352'	6081'
						DAKOTA	8085'	7814'

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-078765

6. IF INDIAN, ALLOTTEE OR

7 UNIT AGREEMENT NAME

Rosa Unit

NMM-78407A-MV

8 FARM OR LEASE NAME, WELL NO  
Rosa Unit #75D

9. API WELL NO

30-045-34964-0003

10. FIELD AND POOL, OR WILDCAT  
Blanco Mesaverde ✓

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

Sec 10, T31N, R6W

12 COUNTY OR

San Juan

13 STATE

New Mexico

19 ELEVATION CASINGHEAD

RCVD SEP 28 '09

ROTARY 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: 1775' FSL & 605' FWL, sec 10, T31N, R6W

At top production interval reported below : 2218' FNL & 882' FWL, sec 10, T31N, R6W

At total depth: Same

14 PERMIT NO

DATE ISSUED

18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6294' GR

15 DATE  
SPUDDED  
6-18-09

16 DATE T D  
REACHED  
7-2-09

17 DATE COMPLETED (READY TO PRODUCE)  
9-23-09

20 TOTAL DEPTH, MD & TVD  
8220' MD / 7949' TVD

21 PLUG, BACK T D, MD & TVD  
8206' MD / 7935' TVD

22 IF MULTICOMP,  
HOW MANY  
3\*

23 INTERVALS  
DRILLED BY

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

BLANCO MESAVERDE 5596'-6123' MD

Commingled with Mancos and Dakota per AZT-3224

26 TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Compensated Gamma Ray-Density-Neutron, Temperature, Ultra Sonic Gas Detector 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#	317'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26 4#	4025'	9-7/8"	674 SX - SURFACE	
5-1/2", N-80	17.0#	8208'	6-3/4"	350 SX - 3380' (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	8147'	none

31 PERFORATION RECORD (Interval, size, and number)

Upper Mesaverde: Total of 54, 0.34" holes ✓

Lower Mesaverde: Total of 58, 0.34" holes ✓

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

5596'-5804'

Fraced with 79,640 20/40 mesh BASF

5853'-6123'

Fraced with 79,342 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
9-21-09	2 hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	350 lb				1839 mcf/d ✓		

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

TEST WITNESSED BY Craig Ward

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 Drig COM DATE 9-24-09

NMOCD  
86

ACCEPTED FOR RECORD

SEP 25 2009

FARMINGTON FIELD OFFICE  
BY T. 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
						PICTURED CLIFFS	3358'	3093'
						LEWIS	3757'	3487'
						CLIFFHOUSE	5580'	5309'
						MENEFEE	5632'	5367'
						POINT LOOKOUT	5849'	5578'
						MANCOS	6352'	6081'
						DAKOTA	8085'	7814'

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-078765

6 IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

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

RECEIVED

2 NAME OF OPERATOR

WILLIAMS PRODUCTION COMPANY

SEP 24 2009

8 FARM OR LEASE NAME, WELL NO  
Rosa Unit #75D

3 ADDRESS AND TELEPHONE NO

P O. Box 640, Aztec, NM 87410 (505) 634-4208

Bureau of Land Management  
Farmington Field Office

9 API WELL NO

30-045-34964-0002

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

At Surface: 1775' FSL & 605' FWL, sec 10, T31N, R6W

At top production interval reported below : 2218' FNL & 882' FWL, sec.10, T31N, R6W

At total depth. Same

10 FIELD AND POOL, OR WILDCAT  
Basin Mancos ✓

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

Sec 10, T31N, R6W

14 PERMIT NO

DATE ISSUED

12 COUNTY OR

San Juan

13 STATE

New Mexico

15 DATE  
SPUDDED  
6-18-09

16 DATE T D  
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17 DATE COMPLETED (READY TO PRODUCE)  
9-23-09

18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6294' GR

19 ELEVATION CASINGHEAD

20 TOTAL DEPTH, MD & TVD  
8220' MD / 7949' TVD

21 PLUG, BACK T D, MD & TVD  
8206' MD / 7935' TVD

22 IF MULTICOMP,  
HOW MANY  
3 \*

23 INTERVALS  
DRILLED BY

ROTARY TOOLS  
X

CABLE TOOLS

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

BASIN MANCOS 7010'-7483' MD

Commungled with Mesaverde and Dakota per AZT-3224

25 WAS DIRECTIONAL SURVEY MADE

YES

26 TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Compensated Gamma Ray-Density-Neutron, Temperature, Ultra Sonic Gas Detector 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#	317'	14-3/4"	290 SX - SURFACE	
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5-1/2", N-80	17 0#	8208'	6-3/4"	350 SX - 3380' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 375", 4.7#, J-55 & N-80 EUE 8rd	8147'	none

31 PERFORATION RECORD (Interval, size, and number)

Upper Mancos Total of 72, 0.34" holes ✓

Lower Mancos Total of 78, 0.34" holes ✓

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

DEPTH INTERVAL  
(MD)

AMOUNT AND KIND OF MATERIAL USED

7010'-7240'

Faced with 5121# 100 mesh BASF followed with 107,780# 40/70 mesh BASF

RCVD SEP 28 '09

7318'-7483'

Faced with 5023# 100 mesh BASF followed with 98,060# 40/70 BASF

OIL CONS. DIV.

33 PRODUCTION

DIST. 3

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
9-21-09 ✓	2 hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
0	350 lb				1745 mcf/d ✓		

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

TEST WITNESSED BY Craig Ward

35 LIST OF ATTACHMENTS

SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

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SIGNED

*Craig Ward*

TITLE Drlg COM

DATE 9-24-09

NMCCD

ACCEPTED FOR RECORD

SEP 25 2009

FARMINGTON FIELD OFFICE  
BY *TL Salyers*

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