

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\*

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 & 775' FEL, sec 26, T31N, R6W

At top production interval reported below : 2095' FNL & 1821' FEL, sec 26, T31N, R6W

At total depth: Same

7. UNIT AGREEMENT NAME

Rosa Unit

8 FARM OR LEASE NAME, WELL NO

Rosa Unit #005D

9 API WELL NO

30-039-30780-0003

10 FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

SURVEY OR AREA

Sec 26, T31N, R6W

12. COUNTY OR

Rio Arriba

13. STATE

New Mexico

15 DATE  
SPUDDED  
7-24-09

16 DATE T D  
REACHED  
8-5-09

17 DATE COMPLETED (READY TO PRODUCE)  
10/6/09

18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6318' GR

19 ELEVATION CASINGHEAD

20 TOTAL DEPTH, MD & TVD  
8179' MD / 7933' TVD

21 PLUG BACK T.D., MD & TVD  
8172' MD / 7926' 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)\*

BLANCO MESAVERDE: 5572' - 6094' MD

26 TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Compensated Gamma Ray-Density-Neutron, Temperature, Ultra Sonic Gas Detector and CBL

25 WAS DIRECTIONAL SURVEY MADE

YES

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#	312'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	3881'	9-7/8"	595 SX - SURFACE	
5-1/2", N-80	17.0#	8179'	6-3/4"	355 SX - 3470' (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 and N-80 EUE 8rd	8122'	none

31 PERFORATION RECORD (Interval, size, and number)

Upper MV: (43, 0.34" holes)

Lower MV: (67, 0.34" holes)

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

5572'-5678'

Frac with 62,023# 20/40 mesh BASF

ROVD OCT 15 '09

5818'-6094'

Frac with 78,255# 20/40 mesh BASF

OIL CONS. DIV.

33 PRODUCTION \*To be commingled with the MC & DK per AZT 3240

0151.3

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
10/5/09	2 hr	24/64"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	0				420 mcf/d ✓		

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

TEST WITNESSED BY Weldon Higgs

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 Regulatory Specialist

DATE 10-8-09

NMOCD 16

ACCEPTED FOR RECORD

OCT 13 2009

FARMINGTON FIELD OFFICE  
BY T. Sanyal

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	3383'	3140'
						LEWIS	3718'	3472'
						CLIFFHOUSE	5562'	5316'
						MENEFEE	5613'	5367'
						POINT LOOKOUT	5817'	5571'
						MANCOS	6336'	6090'
						DAKOTA	8028'	7782'

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5. LEASE DESIGNATION AND LEASE NO.  
NMSF-078771

6 IF INDIAN, ALLOTTEE OR

7 UNIT AGREEMENT NAME

Rosa Unit

Report to lease

8 FARM OR LEASE NAME, WELL NO  
Rosa Unit #005D

9 API WELL NO

30-039-30780 - 0002

10. FIELD AND POOL, OR WILDCAT  
Basin Mancos

11 SEC. T., R., M., OR BLOCK AND  
SURVEY OR AREA  
Sec 26, T31N, R6W

12 COUNTY OR 13 STATE  
Rio Arriba New Mexico

19. ELEVATION CASINGHEAD

ROTARY TOOLS CABLE TOOLS  
x

25. WAS DIRECTIONAL SURVEY MADE  
YES

27 WAS WELL CORED  
No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a TYPE OF WELL 1 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 & 775' FEL, sec 26, T31N, R6W  
At top production interval reported below: 2095' FNL & 1821' FEL, sec 26, T31N, R6W  
At total depth: Same

14 PERMIT NO DATE ISSUED  
6318' GR

15 DATE 16. DATE T D 17 DATE COMPLETED (READY TO PRODUCE)  
SPUDDED REACHED  
7-24-09 8-5-09 10/6/09

20 TOTAL DEPTH, MD & TVD 21 PLUG, BACK T D, MD & TVD  
8179' MD / 7933' TVD 8172' MD / 7926' TVD

22 IF MULTICOMP. 23 INTERVALS  
HOW MANY DRILLED BY  
3\*

24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
BASIN MANCOS: 6992' - 7463' MD

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#	312'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	3881'	9-7/8"	595 SX - SURFACE	
5-1/2", N-80	17.0#	8179'	6-3/4"	355 SX - 3470' (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 and N-80 EUE 8rd	8122'	none

31 PERFORATION RECORD (Interval, size, and number)

Upper Mancos (51, 0.34" holes)

Lower Mancos: (48, 0.34" holes)

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6992'-7180'	Frac with 5102# 100 mesh BASF followed with 136,223# 40/70 BASF
7289'-7463'	Frac with 5431# 100 mesh BASF followed with 130,001# 40/70 BASF

RCVD OCT 15 '09

33 PRODUCTION \*To be commingled with the MV & DK per AZT 3240

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
		Flowing ✓				DIST. 3 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
10/5/09	2 hr	24/64"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR )
0	0				399 mcf/d ✓		

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

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 Matthew Riley TITLE Regulatory Specialist DATE 10-8-09

ACCEPTED FOR RECORD

OCT 13 2009

FARMINGTON FIELD OFFICE  
BY IL SANCES

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	3383'	3140'
						LEWIS	3718'	3472'
						CLIFFHOUSE	5562'	5316'
						MENEFEE	5613'	5367'
						POINT LOOKOUT	5817'	5571'
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7 UNIT AGREEMENT NAME

Rosa Unit

Report to lease

8 FARM OR LEASE NAME, WELL NO  
Rosa Unit #005D

9 API WELL NO

30-039-30780-0001

10. FIELD AND POOL, OR WILDCAT  
Basin Dakota

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

Sec 26, T31N, R6W

12 COUNTY OR

Rio Arriba

13 STATE

New Mexico

19 ELEVATION CASINGHEAD

14 PERMIT NO

DATE ISSUED

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

6318' GR

15 DATE

16 DATE T.D.

17 DATE COMPLETED (READY TO PRODUCE)

10/6/09

SPUDDED

7-24-09

REACHED

8-5-09

20 TOTAL DEPTH, MD & TVD  
8179' MD / 7933' TVD

21 PLUG BACK T.D. MD & TVD  
8172' MD / 7926' 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 DAKOTA: 8028' - 8160' MD

25 WAS DIRECTIONAL SURVEY MADE

YES

26 TYPE ELECTRIC AND OTHER LOGS RUN

Aray 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#	312'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	3881'	9-7/8"	595 SX - SURFACE	
5-1/2", N-80	17.0#	8179'	6-3/4"	355 SX - 3470' (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 and N-80 EUE 8rd	8122'	none

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

Dakota: Total of 78, 0.34" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL  
(MD)

AMOUNT AND KIND OF MATERIAL USED

8028'-8160'

Faced with 5,144# 100 mesh BASF followed with 60,819# 40/70  
mesh BASF

RCVD OCT 15 '09

OIL CONS. DIV.

33. PRODUCTION \*To be commingled with the MV & MC per AZT 3240

DIST. 9

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
10/5/09	2 hr	24/64"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	0				259 mcf/d ✓		

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

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

*Walter Riley*

TITLE Regulatory Specialist

DATE 10-8-09

NMOCD 80

ACCEPTED FOR RECORD

OCT 13 2009

FARMINGTON FIELD OFFICE  
BY *J. 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		
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						PICTURED CLIFFS	3383'	3140'
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