

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-078769

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME  
Rosa Unit

NMM-78467A-MV

8. FARM OR LEASE NAME, WELL NO  
Rosa Unit #168C

9 API WELL NO  
30-039-30003-0003

10 FIELD AND POOL, OR WILDCAT  
Blanco Mesaverde

11 SEC., T., R., M., OR BLOCK AND  
SURVEY OR AREA  
Sec 28, T31N, R5W

12 COUNTY OR 13 STATE  
Rio Arriba New Mexico

19 ELEVATION CASINGHEAD  
RCVD OCT 28 '09

ROTARY TOOLS CABLE TOOLS  
\*OIL CONS. DIV.

25 WAS DIRECTIONAL SURVEY MADE  
No DIST. 3

27 WAS WELL CORED  
No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

OCT 16 2009

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: 1275' FNL & 280' FEL, sec 28, T31N, R5W  
At top production interval reported below : Same  
At total depth Same

15 DATE 16 DATE T.D. 17 DATE COMPLETED (READY TO PRODUCE)  
SPUDDED REACHED  
4-6-09 4-22-09 10-14-09

14 PERMIT NO DATE ISSUED  
18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6793' GR

20 TOTAL DEPTH, MD & TVD 21 PLUG, BACK T.D., MD & TVD  
8475' 8449' MD

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

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
BLANCO MESAVERDE: 5833'-6369' MD

26 TYPE ELECTRIC AND OTHER LOGS RUN  
Array Induction, Gamma Ray-Density-Neutron, Pulse Neutron Decay 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#	322'	14-3/4"	300 SX - SURFACE	
7-5/8", J-55	26.4#	4181'	9-7/8"	640 SX - SURFACE	
5-1/2", N-80	17.0#	8474'	6-3/4"	325 SX - 4320' (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, EUE 8rd	8328'	none

31 PERFORATION RECORD (Interval, size, and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5833'-6054'	Fraced with 84,064# 20/40 mesh BASF
6110'-6369'	Fraced with 81,567# 20/40 mesh BASF

Upper MV: Total of 54, 0.34" holes

Lower MV: Total of 69, 0.34" holes

33 PRODUCTION Commingled with Mesaverde and Dakota per AZT-3265

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
10-14-09	hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	600 lb				1401 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

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 10-16-09

NMOCD

ACCEPTED FOR RECORD

OCT 21 2009

FARMINGTON FIELD OFFICE  
BY T. Salves

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	3658'	
						CLIFFHOUSE	5876'	
						MENEFEE	5930'	
						POINT LOOKOUT	6109'	
						MANCOS	6496'	
						DAKOTA	8335'	

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1a TYPE OF WELL ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b TYPE OF COMPLETION  
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Report to lease

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At total depth Same

10 FIELD AND POOL, OR WILDCAT  
Basin Mancos

11 SEC., T, R, M, OR BLOCK AND  
SURVEY OR AREA  
Sec 28, T31N, R5W

14 PERMIT NO.

DATE ISSUED

12 COUNTY OR

13 STATE

Rio Arriba

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

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HOW MANY  
3\*

23 INTERVALS  
DRILLED BY

ROTARY TOOLS  
x

CABLE TOOLS  
OIL CONS. DIV.

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

BASIN MANCOS - 6820'-7390' MD

25 WAS DIRECTIONAL SURVEY MADE

No DIST. 3

26 TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Gamma Ray-Density-Neutron, Pulse Neutron Decay and CBL

27 WAS WELL CORED

No

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31 PERFORATION RECORD (Interval, size, and number)

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL  
(MD)

AMOUNT AND KIND OF MATERIAL USED

Upper Mancos Total of 72, 0.34" holes

6820'-7070'

Faced with 4976# 100 mesh BASF followed with 100,161# 40/70 mesh BASF

Lower Mancos Total of 75, 0.34" holes

7108'-7390'

Faced with 4997# 100 mesh BASF followed with 70,176# 40/70 mesh BASF

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0	600 lb.				1329 mcf/d		

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TEST WITNESSED BY Weldon Higgs

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SIGNED

*Curry Higgins*

TITLE Drlg COM

DATE 10-16-09

NMOCD 78

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BY J. Salvess

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