

In Lieu of
Form 313-4
(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-078767

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 SEP 21 2009

NMMN-78407A-MV

2. NAME OF OPERATOR

WILLIAMS PRODUCTION COMPANY Bureau of Land Management

8 FARM OR LEASE NAME, WELL NO

Rosa Unit #149C

3. ADDRESS AND TELEPHONE NO.

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

9. API WELL NO

30-039-30723-0003

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

At Surface: 1910' FNL & 2225' FWL, sec 12, T31N, R6W

At top production interval reported below: 1208' FNL & 1534' FEL, sec 12, T31N, R6W

At total depth Same

10 FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec 12, T31N, R6W

14 PERMIT NO

DATE ISSUED

12 COUNTY OR

13 STATE

Rio Arriba

New Mexico

15 DATE

16 DATE T D

17 DATE COMPLETED (READY TO PRODUCE)

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

19 ELEVATION CASINGHEAD

SPUDED
6-25-09

REACHED
7-5-09

9-19-09

6286' GR

RCVD SEP 24 '09

20 TOTAL DEPTH, MD & TVD
8178' MD / 7980' TVD

21 PLUG BACK T D, MD & TVD
8135' MD / 7937' 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)*

Blanco Mesaverde 5386'-6145' MD

Commingled with Mancos and Dakota per AZT-3229

25 WAS DIRECTIONAL SURVEY MADE

YES DIST. 3

26 TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, 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#	313'	14-3/4"	310 SX - SURFACE	
7-5/8", K-55	26.4#	3831'	9-7/8"	645 SX - SURFACE	
5-1/2", N-80	17.0#	8177'	6-3/4"	360 SX - 3068' (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 EUE 8rd	8111'	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 Mesaverdes: Total of 57, 0.34" holes

5386'-5742'

Fracced with 81,463# 20/40 mesh BASF

Lower Mesaverde: Total of 63, 0.34" holes

5798'-6145'

Fracced with 82,617# 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
9-17-09	2 hr	2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	300 lb				701 mcf/d		

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

TEST WITNESSED BY Weldon Huggins

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

Weldon Huggins

TITLE Drlg COM

DATE 9-21-09

NMOCD

ACCEPTED FOR RECORD

SEP 23 2009

FARMINGTON FIELD OFFICE
BY *TL 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	3337'	3142'
						LEWIS	3640'	3442'
						CLIFFHOUSE	5541'	5343'
						MENEFEE	5586'	5388'
						POINT LOOKOUT	5821'	5623'
						MANCOS	6280'	6081'
						DAKOTA	7920'	7722'

In Lieu of
Form 3160-4
(July 1992)

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SEP 21 2009
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7 UNIT AGREEMENT NAME
Rosa Unit

Report to lease

8. FARM OR LEASE NAME, WELL NO
Rosa Unit #149C

9 API WELL NO
30-039-30723-0001

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11 SEC., T, R, M., OR BLOCK AND
SURVEY OR AREA
Sec 12, T31N, R6W

12 COUNTY OR
Rio Arriba

13 STATE
New Mexico

19 ELEVATION CASINGHEAD

ROTARY TOOLS
x

CABLE TOOLS

25 WAS DIRECTIONAL SURVEY MADE
YES

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

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At total depth Same

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DATE ISSUED

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SPUDDED
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REACHED
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17 DATE COMPLETED (READY TO PRODUCE)
9-19-09

18 ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6286' GR

20 TOTAL DEPTH, MD & TVD
8178' MD / 7980' TVD

21 PLUG, BACK TD, MD & TVD
8135' MD / 7937' 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: 8052'-8158' MD Commingled with Mesaverde and Mancos per AZT-3229

26 TYPE ELECTRIC AND OTHER LOGS RUN
Array Induction, 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
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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 EUE 8rd	8111'	none

31 PERFORATION RECORD (Interval, size, and number)

Dakota. Total of 87, 0 34" holes ✓

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8052'-8158'	Faced with 6040# 100 mesh BASF followed with 117,723# 40/70 mesh BASF

RCVD SEP 24 '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
9-17-09 ✓	2 hr ✓	2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	300 lb				431 mcf/d ✓		

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

TEST WITNESSED BY Weldon Huggins

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

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SIGNED Larry Huggins TITLE Dir. COM DATE 9-21-09

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FARMINGTON FIELD OFFICE
BY T. Salyers

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