

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 078767 078772

6 IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

7 UNIT AGREEMENT NAME

Rosa Unit

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

b TYPE OF COMPLETION
☒ NEW WELL WORKOVER DEEPEN PLUG BACK DIFF RESVR OTHER

NMM-78407A-MV

2 NAME OF OPERATOR

WILLIAMS PRODUCTION COMPANY

8 FARM OR LEASE NAME, WELL NO.

Rosa Unit COM #90C

3 ADDRESS AND TELEPHONE NO

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

9 API WELL NO

30-045-34278-0003

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

At Surface 1655' FNL & 1855' FEL, sec 33, T32N, R6W

At top production interval reported below : 859' FNL & 950' FEL, sec 33, T32N, 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 33, T32N, R6W

12 COUNTY OR

San Juan

13 STATE

New Mexico

19 ELEVATION CASINGHEAD

15 DATE
SPUDDED
10-1-09

16 DATE TD
REACHED
10-17-09

17 DATE COMPLETED (READY TO PRODUCE)
11-21-09

14 PERMIT NO

DATE ISSUED

18 ELEVATIONS (DK, RKB, RT, GR, ETC)*
6383' GR

20 TOTAL DEPTH, MD & TVD
8405' MD / 8012' TVD

21 PLUG, BACK TD, MD & TVD
8399' MD / 8006' 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 5620'-6402' MD

Commungled with Mancos and Dakota per AZT-3281

25 WAS DIRECTIONAL SURVEY MADE

YES

26 TYPE ELECTRIC AND OTHER LOGS RUN

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

27 WAS WELL CORED

No

28 CASING REPORT (Report all strings set in well) NOTE: production casing is mixed string of 51 jts 4-1/2" (6433'-8405') & 169 jts 5-1/2" (surface-6433')

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#	314'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	3988'	9-7/8"	1040 SX - SURFACE	
5-1/2", N-80	17.0#	SEE BELOW	9-7/8"	SEE BELOW	
4-1/2", N-80	11.6#	8405'	6-3/4"	590 SX -1950' (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	8295'	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 54, 0.34" holes

5620'-5904'

Faced with 82,775# 20/40 mesh-BASE

RCVD DEC 1 '09

Lower MV: Total of 56, 0.34" holes

6014'-6402'

Faced with 82,214# 20/40 mesh-BASE

OIL CONS. DIV.
DIST. 3

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
11-19-09	2 hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	620 lb				1450 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,

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

SIGNED Larry Haggie TITLE Drlg COM DATE 11/23/09

NMOCD to

ACCEPTED FOR RECORD

NOV 30 2009

FARMINGTON FIELD OFFICE
BY T. Salpers

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	3856'	3487'
						CLIFFHOUSE	5766'	5393'
						POINT LOOKOUT	6011'	5638'
						MANCOS	6499'	6126'
						GRANEROS	8161'	7783'
						DAKOTA	8299'	7913'