

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-078764

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

Rosa Unit

Report to lease

8. FARM OR LEASE NAME, WELL NO
Rosa Unit #137C

9 API WELL NO

30-039-30691-0002

10. FIELD AND POOL, OR WILDCAT
Basin Mancos

11. SEC, T, R, M, OR BLOCK AND
SURVEY OR AREA
Sec 31, T31N, R5W

12. COUNTY OR 13 STATE
Rio Arriba New Mexico

19 ELEVATION CASINGHEAD

RCVD NOV 20 '09

ROTARY TOOLS CABLE TOOLS
OIL CONS. DIV.

25 WAS DIRECTIONAL SURVEY MADE

No DIST 2

27 WAS WELL CORED

No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

NOV 16 2009

Bureau of Land Management
Farmington Field Office

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: 730' FSL & 2175' FEL, sec 31, 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
4-25-09 5-4-09 11-13-09

14 PERMIT NO DATE ISSUED

6448' GR

20 TOTAL DEPTH, MD & TVD 21 PLUG, BACK T D, MD & TVD
7982' 7974' MD

22 IF MULTICOMP.,
HOW MANY
3*

23 INTERVALS
DRILLED BY

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

BASIN MANCOS. 6770'-7270' MD Commingled with MV & DK per AZT-3270

26 TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Gamma Ray-Density-Neutron, Temperature 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#	360'	14-3/4"	290 SX - SURFACE	
7-5/8", J-55	26.4#	3730'	9-7/8"	690 SX - SURFACE	
5-1/2", N-80	17 0#	7981'	6-3/4"	325 SX - 3780' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.875", 6.5#, J-55, EUE 8rd	7940'	none

31 PERFORATION RECORD (Interval, size, and number)

Upper MC Total of 84, 0 34" holes

Lower MC Total of 68, 0 34" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6770'-7040'	Fraced with 4986# 100 mesh BASF followed with 104,214# 40/70 mesh BASF
7080'-7270'	Fraced with 5043# 100 mesh BASF followed with 100,040# 40/70 BASF

33 PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
						producing	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11-12-09	2.0 hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	410 lb				908 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

ACCEPTED FOR RECORD

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

SIGNED

Weldon Higgins

TITLE Drlg COM DATE 11-16-09

NMOCD

NOV 19 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	3233'	
						LEWIS	3527'	
						CLIFFHOUSE	5380'	
						MENEFEE	5430'	
						POINT LOOKOUT	5636'	
						MANCOS	6148'	
						DAKOTA	7869'	

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7 UNIT AGREEMENT NAME

Rosa Unit

NMNM-78407A-MV

8 FARM OR LEASE NAME, WELL NO
Rosa Unit #137C

9. API WELL NO.

30-039-30691-0063

10. FIELD AND POOL, OR WILDCAT
Blanco Mesaverde

11. SEC., T, R, M, OR BLOCK AND
SURVEY OR AREA
Sec 31, T31N, R5W

12 COUNTY OR
Rio Arriba

13 STATE
New Mexico

15. DATE
SPUDDED
4-25-09

16. DATE T D.
REACHED
5-4-09

17. DATE COMPLETED (READY TO PRODUCE)
11-13-09

18 ELEVATIONS (DK, RKB, RT, GR, ETC)*
6448' GR

19 ELEVATION CASINGHEAD

ROUND NOV 20 '09

20 TOTAL DEPTH, MD & TVD
7982'

21 PLUG, BACK T D., MD & TVD
7974' MD

22 IF MULTICOMP.,
HOW MANY
3*

23 INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

NO CING. DV.

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

BLANCO MESAVERDE: 5396'-5961' MD

Commingled with MC & DK per AZT-3270

25 WAS DIRECTIONAL SURVEY MADE

No - DIST. 3

26. TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Gamma Ray-Density-Neutron, Temperature 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
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					2.875", 6 5#, J-55, EUE 8rd	7940'	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 57, 0 34" holes

5396'-5612' Fraced with 80,110# 20/40 mesh BASF

Lower MV: Total of 58, 0 34" holes

5638'-5961' Fraced with 81,110 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)	
						producing	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11-12-09	2 0 hr	1/2"					
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0	410 lb				957 mcf/d		

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

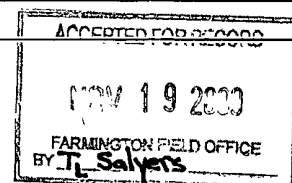
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SIGNED Carly Haggis TITLE Drilg COM DATE 11-16-09

NMOCDB



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