

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

Report to lease

8. FARM OR LEASE NAME, WELL NO.
Rosa Unit #146B

9. API WELL NO.
30-039-29833 - 0003

10. FIELD AND POOL, OR WILDCAT
BASIN MANCOS

11. SEC., T.R.M., OR BLOCK AND
SURVEY OR AREA
NW/4 SW/4, Sec 28, T31N, R5W

12. COUNTY OR
Rio Arriba

13. STATE
New Mexico

19. ELEVATION CASINGHEAD

25. WAS DIRECTIONAL SURVEY MADE
NO

27. WAS WELL CORED
NO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: F 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: 1980' FSL & 800' FWL, sec 28, T31N, R5W
At top production interval reported below :
At total depth:

14. PERMIT NO.
DATE ISSUED
6451' GR

15. DATE
SPUDDED
7/15/07

16. DATE T.D.
REACHED
7/27/07

17. DATE COMPLETED (READY TO PRODUCE)
9/9/10

20. TOTAL DEPTH, MD & TVD
8105' MD

21. PLUG, BACK T.D., MD & TVD
8060' MD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
Basin Mancos 6920' - 7385'

26. TYPE ELECTRIC AND OTHER LOGS RUN

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", K-55	45.5#	326'	14 3/4"	315 SX - SURFACE	
7 5/8", J-55	26.4#	3803'	9 7/8"	983 SX - 903' ✓	
5-1/2", J-55	17.0#	8104'	6-3/4"	230 SX - 4000' (CBL) ✓	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.875", 4.7#, J-55, EUE 8rd	8015'	none

Upr MC - 45, 0.34" holes

Lwr MC - 45, 0.34" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6920' - 7175'	Frac w/ 7,349# 100 mesh, 32,778# 30/50 Ottawa, & 114,175# 20/40 Ottawa
7225' - 7385'	Frac w/ 11,595# 100 mesh, followed with 42,971# 30/50 Ottawa, followed with 90,202# 20/40 Ottawa

33. PRODUCTION MV, MC & DK Commingled per AZT 3461

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
8/2/10		Flowing				PR ✓	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY:

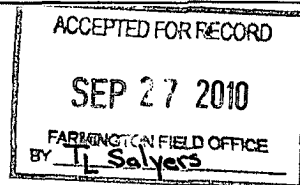
35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM

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

SIGNED Matthew Riley TITLE Regulatory Specialist Sr

DATE 9/14/10

NMOCD



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
					KIRTLAND	2727'	
					PICTURED CLIFFS	3498'	
					CLIFFHOUSE	5516'	
					MENEFEE	5560'	
					POINT LOOKOUT	5769'	
					MANCOS	6224'	
					DAKOTA	7982'	

ROSA UNIT #146B
BLANCO MV/BASIN MANCOS/BASIN DK

Spud Date 07-15-07
 Completed 10-09-07
 1st Delivered 11-08-07 MV
 11-08-07 DK
 08-02-10 MC

Location: 1980' FSL & 800' FWL
 NW/4 SW/4 Section 28(L), T31N, R05W
 Rio Arriba Co., NM

Elevation: 6451' GR 6467' KB
API #: 30-039-29833

<u>Tops</u>	<u>Depth</u>
Kirtland	2727'
Pictured Cliffs	3498'
Cliff House	5516'
Menefee	5560'
Point Lookout	5769'
Mancos	6224'
Dakota	7982'

7 jts of 10 3/4", 45.5#, K-55, ST&C csg. Set @ 326'.

84 jts of 7-5/8", 26.4#, J-55, LT&C csg. Set @ 3803'.

Production Tubing: 248 jnts 2-3/8" 4.7# EUE 8rmd J-55
 tbg 1.78" I.D. F-nipple, 1 jnt tbg & half MS. -- EOT @
 8015', F-nipple @ 7983

Uppr MV 5278' - 5610' (50, 0.34" holes) Frac w/ 10,140#
 14/30 LiteProp 125 followed by 3220# 20/40 brown sand

Lwr MV 5770' - 6008' (42, 0.34" holes) Frac w/ 10,140#
 14/30 LiteProp 125 followed by 3220# 20/40 brown sand

Uppr MC 6920' - 7175' (45, 0.34" holes) Frac w/ 7,349#
 100 mesh, 32,778# 30/50 Ottawa, & 114,175# 20/40 Ottawa

Lwr MC 7225' - 7385' (45, 0.34" holes) Frac w/ 11,595# 100
 mesh, followed with 42,971# 30/50 Ottawa, followed with
 90,202# 20/40 Ottawa

Dakota 7983' - 8072' (57, 0.34" holes) Frac w/ 9380# Lite
 Prop 108

5278'
 5610'
 5770'
 6008'
 6920'
 7175'
 7225'
 7385'
 7983'
 8072'

199 jts of 5-1/2", 17#, J-55, ST&C csg. Set @ 8104'.

TD @ 8105'
 PBTD @ 8060'

RECEIVED

SEP 16 2010

Farmington Field Office
 Bureau of Land Management

HOLE SIZE	CASING	CEMENT	CU. FT.	CMT TOP
14 3/4"	10 3/4", 45.5#	314 sxs	443 cu.ft.	surface
9 7/8"	7 5/8", 26.4#	983 sxs	1976 cu.ft.	surface
6 3/4"	5 1/2", 17#	230 sxs	495 cu.ft.	4000'

+/- 903'