

In Lieu of  
Form 3160-4  
(July 1992)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN  
DUPLICATE

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND LEASE NO.  
SF-078765

6. IF INDIAN ALLOTTEE OR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
ROSA UNIT #273A

9. API WELL NO.  
30-045-31634

10. FIELD AND POOL, OR WILDCAT  
BASIN FRUITLAND COAL

11. SEC., T., R., M., OR BLOCK AND  
SURVEY OR AREA  
NE/4 SW/4 SEC 08-31N-6W

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 3102 MS 25-1 TULSA, OK 74101 (918) 573-6254

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At Surface: 2405' FSL & 2450' FWL  
At top production interval reported below:  
At total depth: 2083' FSL & 1272' FEL

14. PERMIT NO.

DATE ISSUED

15. DATE  
SPUDED  
09/06/2003

16. DATE T.D.  
REACHED  
09/20/2003

17. DATE COMPLETED (READY TO PRODUCE)  
09/20/2003

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)\*  
6312' GR

20. TOTAL DEPTH, MD & TVD  
4390' MD

21. PLUG BACK T.D., MD & TVD

22. IF MULTICOMP.,  
HOW MANY

23. INTERVALS  
DRILLED BY

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
BASIN FRUITLAND COAL 2362' - 3496'

26. TYPE ELECTRIC AND OTHER LOGS RUN  
GR/SDL/DSN

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
9-5/8" J-55	36#	294'	12-1/4"	180 SX - SURFACE	
7" J-55	20#	3376'	8-3/4"	480 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	2281'	3496'	0 SX		2-3/8"	2880'	

31. PERFORATION RECORD (Interval, size, and number)

Basin Fruitland Coal: Ran a pre-perf'd liner

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED  
WELL WAS NOT ACIDIZED OR FRACED

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) SI, well on vacuum, no flow	
DATE OF TEST 09/20/03	TESTED 3 hr	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD 3 hrs	OIL - BBL.	GAS - MCF 0	WATER - BBL.	GAS-OIL RATIO
FLOW TBG PRESS 0	CASING PRESSURE 0	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF 0	WATER - BBL.	OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY: CHIK CHARLEY

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

Tracy Ross

TITLE Production Analyst

DATE November 1, 2003

MAR 16 2004

FARMINGTON FIELD OFFICE

NMOCB

### 38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	TOP		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
OJO ALAMO	2282'	2397'						
KIRTLAND	2397'	2928'						
FRUITLAND	2928'	3846'						
BASE OF COAL	3846'							