

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____

1b. 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) 578-6254

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 10' FSL & 2470' FEL
At top production interval reported below:
At total depth: 1029' FSL & 1686' FEL SW/4 SE/4

5. LEASE DESIGNATION AND LEASE NO.
NMSF078766

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #46A

9. API WELL NO.
30-039-26986

10. FIELD AND POOL, OR WILDCAT
BASIN DK

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SW/4 SE/4 SEC 08-31N-5W

12. COUNTY OR
RIO ARriba

13. STATE
NEW MEXICO

15. DATE
SPUDDED
09/27/2002

16. DATE T.D.
REACHED
10/10/2002

17. DATE COMPLETED (READY TO PRODUCE)
11/06/2002

14. PERMIT NO.
DATE ISSUED
6191' GR

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)
6191' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
8123' MD

21. PLUG, BACK T.D., MD & TVD
8079' MD

22. IF MULTICOMP.,
HOW MANY
2

23. INTERVALS
DRILLED BY

ROTARY TOOLS
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BASIN DK 7971' - 8081'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
IND/GR & DEN/NEU/TEMP

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#	298'	14-3/4"	230 SX - SURFACE	
7-5/8" J-55	26.4#	3744'	9-7/8"	957 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	0'	8123'	265 SX		2-1-16"	8018'	6250'

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

Dakota: 7971', 74', 77', 79', 84', 87', 8013', 20', 23', 30', 33', 36', 39', 47',
50', 53', 56', 61', 68', 78' and 81'. Total of 21 (0.42") holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7971' - 8081'	95,900# sand in 1283 bbls gelled water

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) SI waiting on pipeline	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11/07/02	3 hr	3/4"	3 hrs		80		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
1390	790				642		

34. DISPOSITION OF GAS (Sold, 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 15, 2002

ACCEPTED FOR RECORD

DEC 02 2002

FARMINGTON FIELD OFFICE
BY He

NMOCD

FORMATION

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
					FRUITLAND	2932'	
					PICTURED CLIFFS	3244'	
					LEWIS	3599'	
					CLIFFHOUSE	5496'	
					MENEFEE	5544'	
					POINT LOOKOUT	5748'	
					MANCOS	7786'	
					DAKOTA	7969'	